

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030822\
 Data File : VX027330.D
 Acq On : 08 Mar 2022 14:19
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Quant Time: Mar 08 15:13:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 15:10:25 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/09/2022
 Supervised By : Mahesh Dadoda 03/09/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	357297	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	572433	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	522017	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	261020	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82880	33.093	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	66.180%		
35) Dibromofluoromethane	5.391	113	74425	33.458	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	66.920%#		
50) Toluene-d8	8.653	98	280280	34.704	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	69.400%		
62) 4-Bromofluorobenzene	11.085	95	105333	35.660	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	71.320%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	74278	24.519	ug/l	99
3) Chloromethane	1.295	50	72646	19.110	ug/l	98
4) Vinyl Chloride	1.374	62	78526	18.721	ug/l	100
5) Bromomethane	1.599	94	46852	29.185	ug/l	97
6) Chloroethane	1.685	64	44599	13.143	ug/l	96
7) Trichlorofluoromethane	1.886	101	108145	18.341	ug/l	100
8) Diethyl Ether	2.136	74	41042	17.501	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	70476	20.385	ug/l	97
10) Methyl Iodide	2.453	142	100668	27.862	ug/l	98
11) Tert butyl alcohol	2.965	59	78830	124.189	ug/l	100
12) 1,1-Dichloroethene	2.319	96	68233	19.538	ug/l	91
13) Acrolein	2.233	56	50228	162.510	ug/l	96
14) Allyl chloride	2.666	41	105312	22.719	ug/l	95
15) Acrylonitrile	3.063	53	212976	120.816	ug/l	100
16) Acetone	2.380	43	169809	103.908	ug/l	98
17) Carbon Disulfide	2.514	76	177858	19.498	ug/l	100
18) Methyl Acetate	2.703	43	86756	23.596	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	223957	23.094	ug/l	98
20) Methylene Chloride	2.788	84	78296	19.754	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	73257	20.492	ug/l	98
22) Diisopropyl ether	3.764	45	213219	23.066	ug/l #	89
23) Vinyl Acetate	3.721	43	903684	120.930	ug/l	96
24) 1,1-Dichloroethane	3.611	63	127788	20.900	ug/l	98
25) 2-Butanone	4.556	43	278838	126.800	ug/l	97
26) 2,2-Dichloropropane	4.477	77	88361	18.267	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	86807	21.621	ug/l	95
28) Bromochloromethane	4.904	49	53941	21.473	ug/l	96
29) Tetrahydrofuran	5.007	42	188824	138.259	ug/l	93
30) Chloroform	5.099	83	135801	20.470	ug/l	97
31) Cyclohexane	5.471	56	116743	26.294	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	115141	20.847	ug/l	98
36) 1,1-Dichloropropene	5.696	75	99186	20.906	ug/l	97
37) Ethyl Acetate	4.721	43	104167	24.414	ug/l	99
38) Carbon Tetrachloride	5.684	117	101966	19.761	ug/l	99
39) Methylcyclohexane	7.385	83	128094	23.960	ug/l	97
40) Benzene	6.044	78	304857	21.399	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	57170	24.737	ug/l	96
42) 1,2-Dichloroethane	6.092	62	101750	20.743	ug/l	100
43) Isopropyl Acetate	6.342	43	155727	23.889	ug/l	98
44) Trichloroethene	7.129	130	82786	20.910	ug/l	96
45) 1,2-Dichloropropane	7.434	63	76595	20.598	ug/l	97
46) Dibromomethane	7.586	93	54042	21.276	ug/l	99
47) Bromodichloromethane	7.824	83	101686	19.902	ug/l	98
48) Methyl methacrylate	7.696	41	78816	24.970	ug/l	92
49) 1,4-Dioxane	7.659	88	43454	517.015	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	541723	133.092	ug/l	97
52) Toluene	8.720	92	197644	22.766	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	101665	20.723	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	112901	20.274	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	81647	21.692	ug/l	96
56) Ethyl methacrylate	9.116	69	118536	25.686	ug/l	94
57) 1,3-Dichloropropane	9.311	76	133385	21.550	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	304007	117.389	ug/l	99
59) 2-Hexanone	9.433	43	420701	138.605	ug/l	95
60) Dibromochloromethane	9.525	129	81695	20.127	ug/l	96
61) 1,2-Dibromoethane	9.610	107	85016	22.189	ug/l	100
64) Tetrachloroethene	9.275	164	71408	21.417	ug/l	97
65) Chlorobenzene	10.080	112	216466	22.674	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	75444	21.137	ug/l	99
67) Ethyl Benzene	10.195	91	374263	24.165	ug/l	97
68) m/p-Xylenes	10.305	106	297079	50.715	ug/l	100
69) o-Xylene	10.647	106	147145	26.449	ug/l	100
70) Styrene	10.659	104	245221	26.525	ug/l	100
71) Bromoform	10.799	173	60159	21.083	ug/l #	100
73) Isopropylbenzene	10.964	105	381978	26.161	ug/l	99
74) N-amyl acetate	10.842	43	137241	26.902	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	129303	23.133	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	115211m	23.839	ug/l	
77) Bromobenzene	11.201	156	95153	23.910	ug/l	95
78) n-propylbenzene	11.305	91	431830	26.131	ug/l	99
79) 2-Chlorotoluene	11.366	91	262931	25.423	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	325666	27.030	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	32784	22.783	ug/l	88
82) 4-Chlorotoluene	11.457	91	301926	25.484	ug/l	99
83) tert-Butylbenzene	11.720	119	323840	26.456	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	322115	26.696	ug/l	100
85) sec-Butylbenzene	11.890	105	395519	28.263	ug/l	99
86) p-Isopropyltoluene	12.012	119	333980	26.372	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	175946	24.146	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	177410	23.517	ug/l	98
89) n-Butylbenzene	12.335	91	274777	24.983	ug/l	97
90) Hexachloroethane	12.543	117	49008	19.452	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	175953	23.722	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	26727	24.211	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	113812	26.290	ug/l	97
94) Hexachlorobutadiene	13.725	225	49310	23.738	ug/l	95
95) Naphthalene	13.780	128	394608	29.795	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	113035	25.342	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

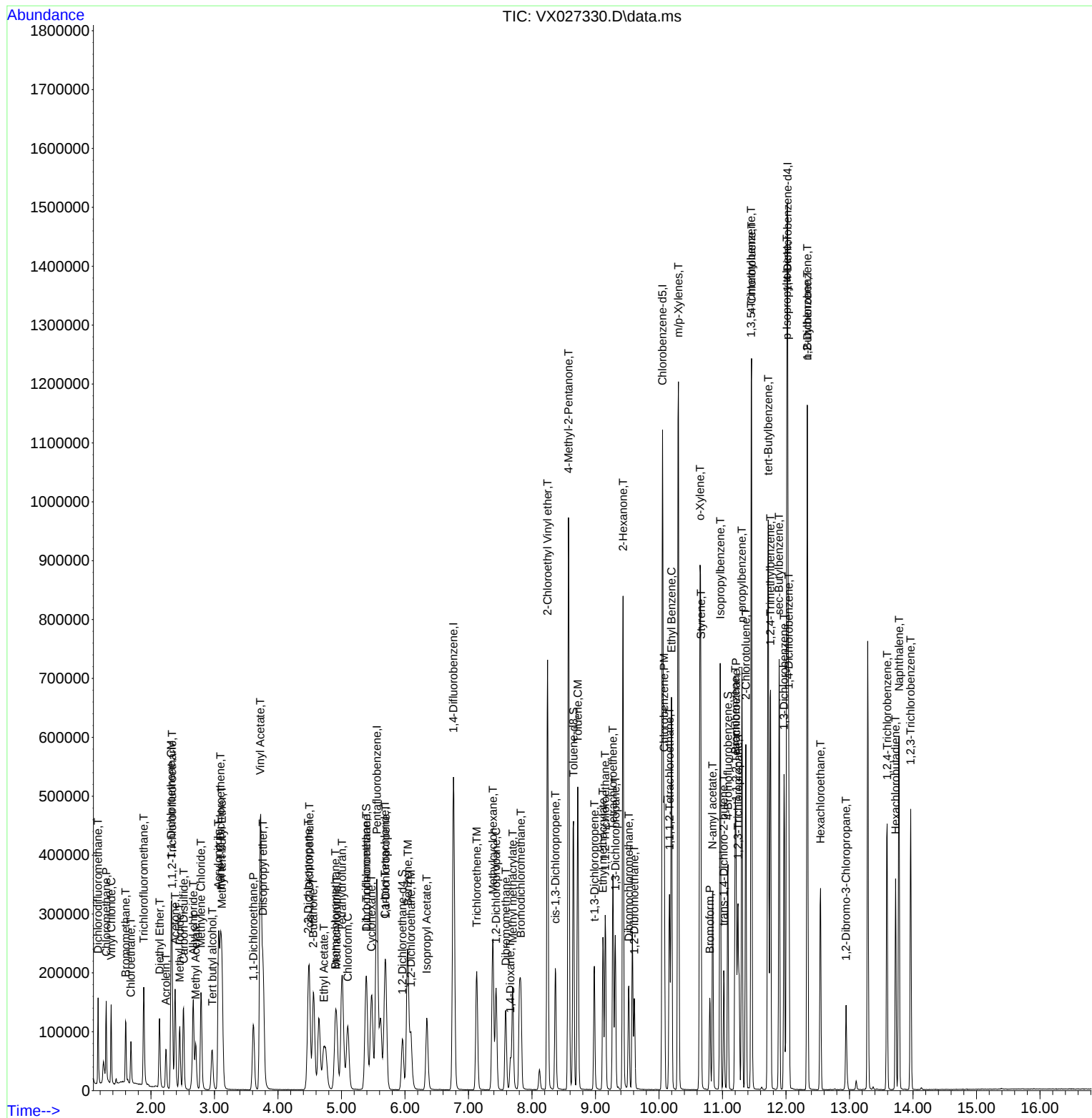
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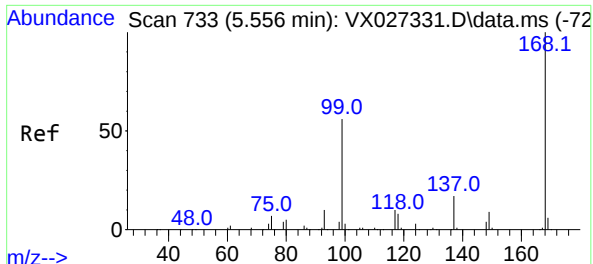
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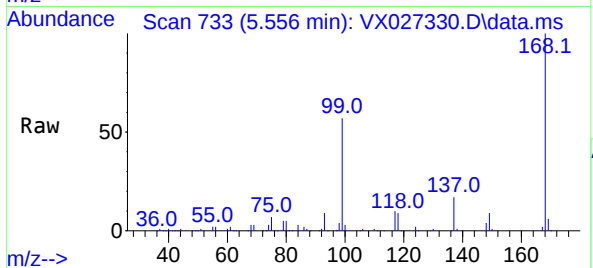
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027330.D
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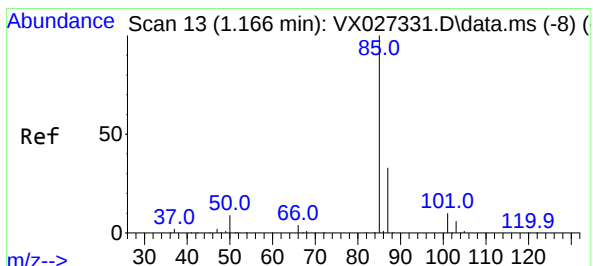
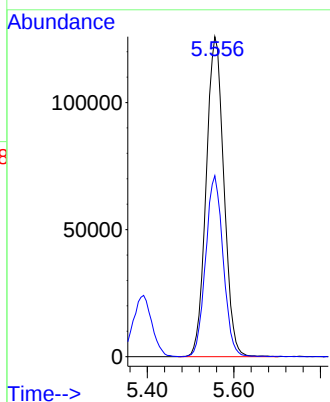
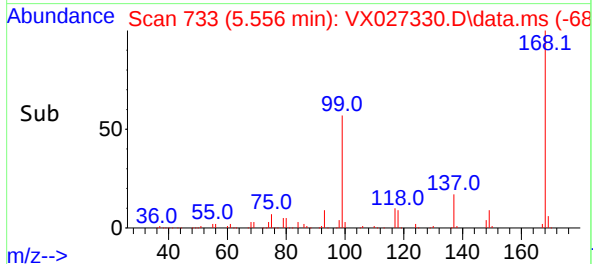
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



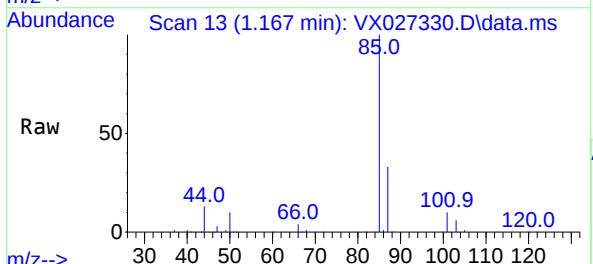
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Ion Ratio Lower Upper
168 100
99 56.5 41.7 62.5

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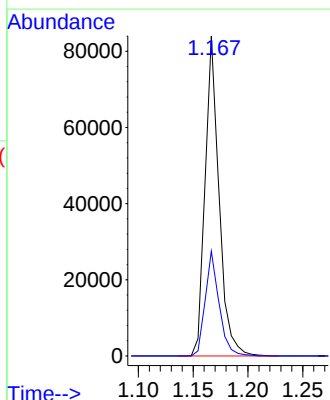
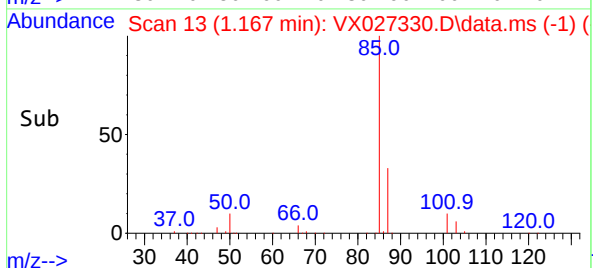
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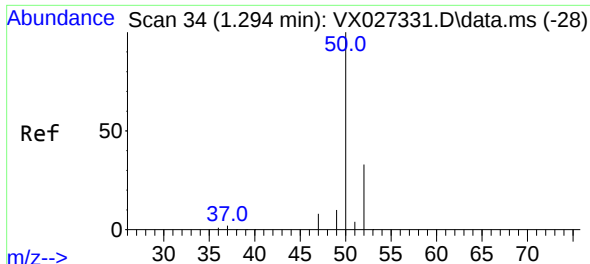


#2
Dichlorodifluoromethane
Concen: 24.519 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX027330.D
Acq: 08 Mar 2022 14:19



Tgt Ion: 85 Resp: 74278
Ion Ratio Lower Upper
85 100
87 32.7 16.2 48.6





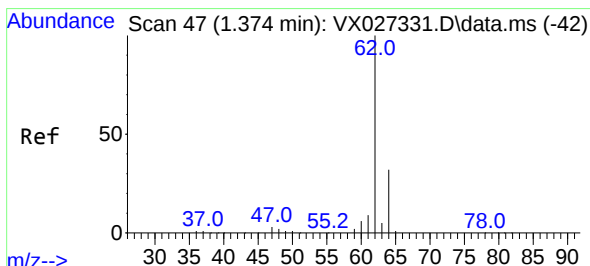
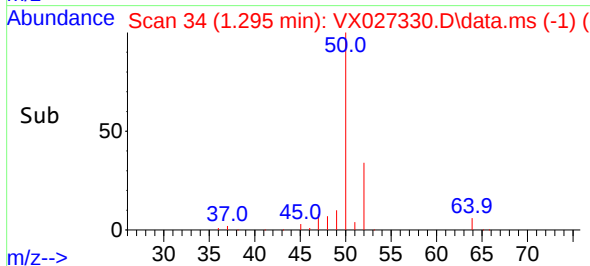
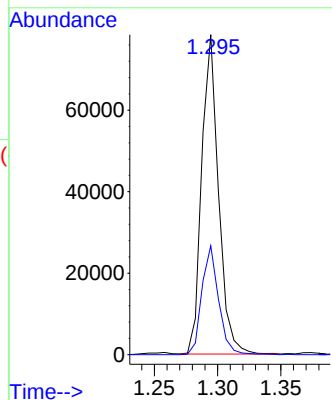
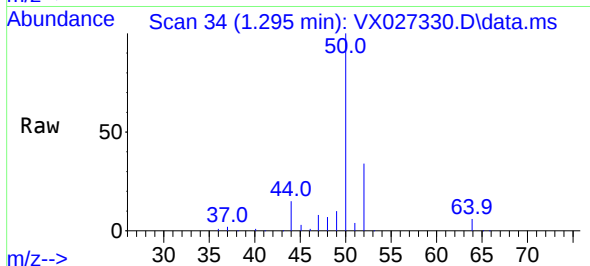
#3
Chloromethane
Concen: 19.110 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX027330.D
Acq: 08 Mar 2022 14:19

Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 72640
Ion Ratio Lower Upper
50 100
52 34.1 26.4 39.6

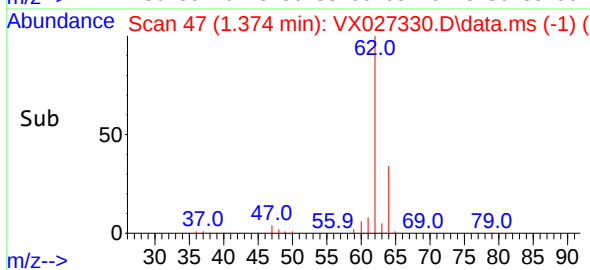
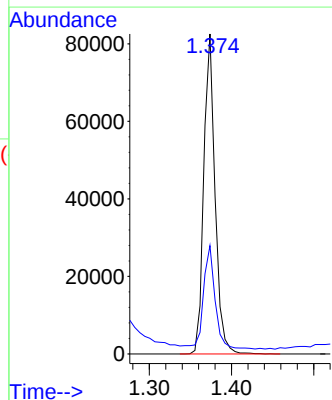
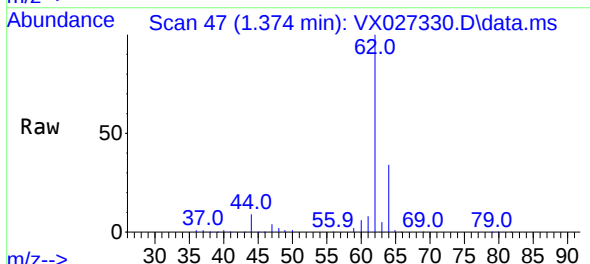
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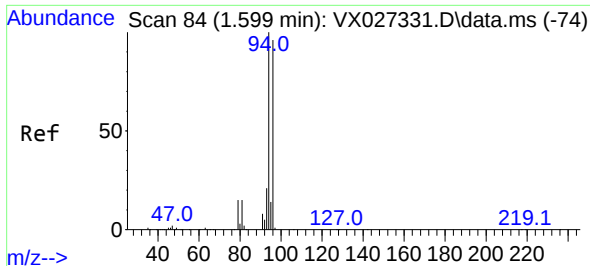
Reviewed By :John Carlone 03/09/2022
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#4
Vinyl Chloride
Concen: 18.721 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX027330.D
Acq: 08 Mar 2022 14:19

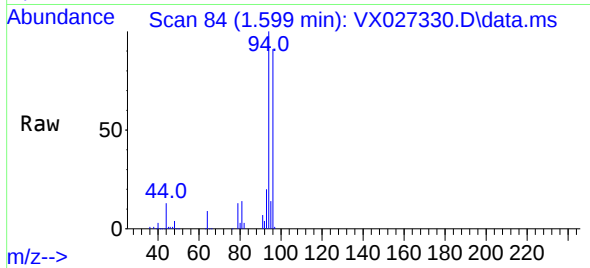
Tgt Ion: 62 Resp: 78526
Ion Ratio Lower Upper
62 100
64 31.9 25.5 38.3





#5
Bromomethane
Concen: 29.185 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX027330.D
Acq: 08 Mar 2022 14:19

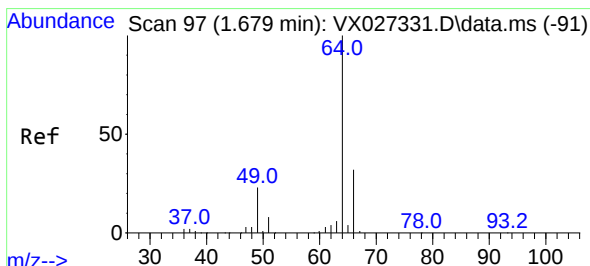
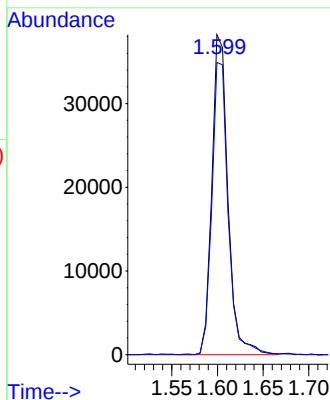
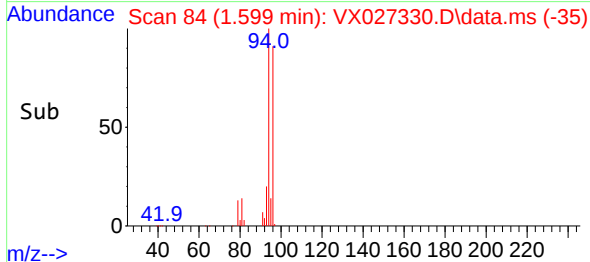
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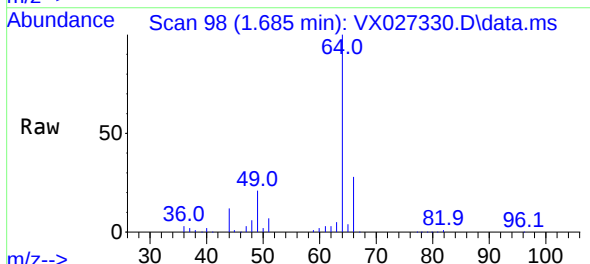
Tgt Ion: 94 Resp: 46852
Ion Ratio Lower Upper
94 100
96 91.3 75.3 112.9

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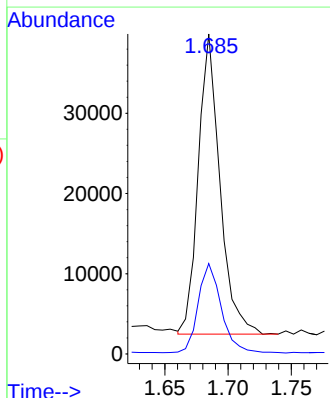
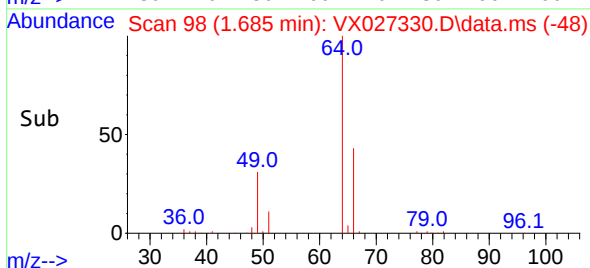
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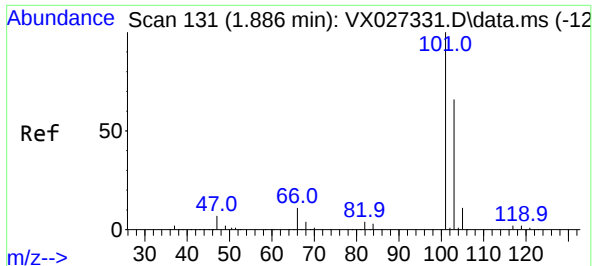


#6
Chloroethane
Concen: 13.143 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX027330.D
Acq: 08 Mar 2022 14:19



Tgt Ion: 64 Resp: 44599
Ion Ratio Lower Upper
64 100
66 29.6 25.3 37.9





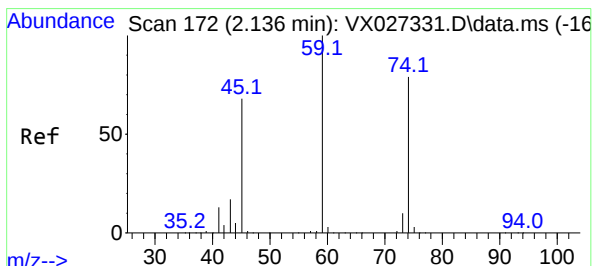
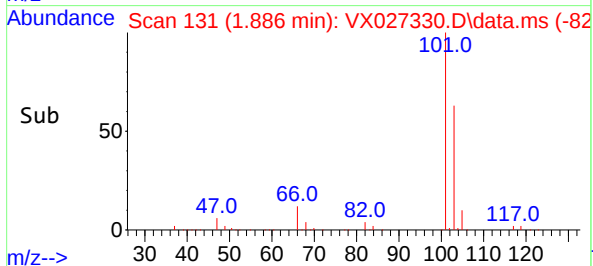
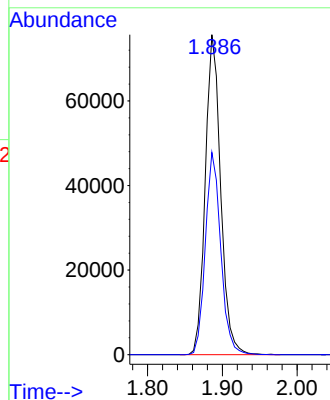
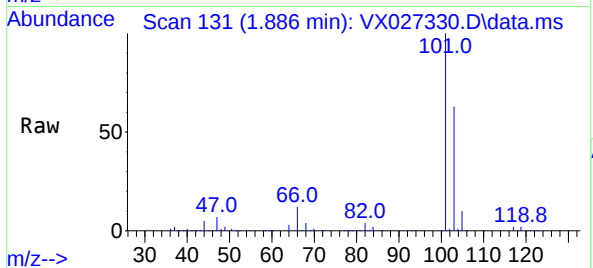
#7
Trichlorofluoromethane
Concen: 18.341 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027330.D
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Tgt Ion:101 Resp: 10814
Ion Ratio Lower Upper
101 100
103 63.2 50.5 75.7

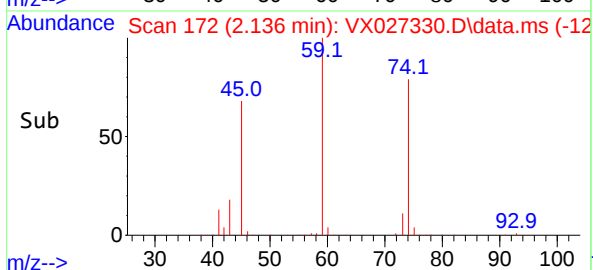
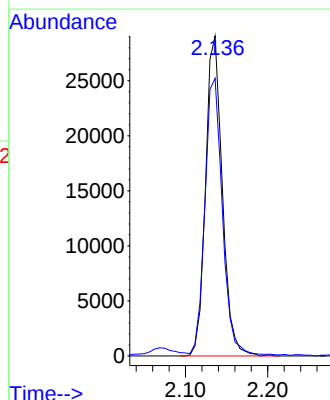
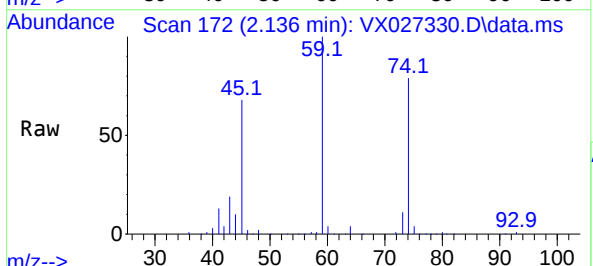
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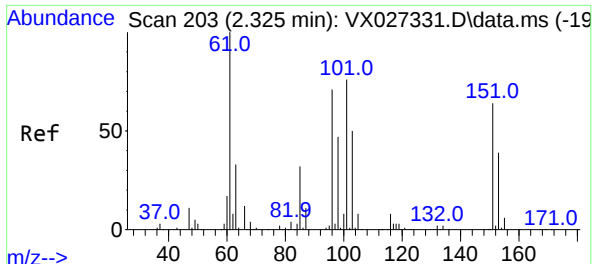
Reviewed By :John Carlone 03/09/2022
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#8
Diethyl Ether
Concen: 17.501 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX027330.D
Acq: 08 Mar 2022 14:19

Tgt Ion: 74 Resp: 41042
Ion Ratio Lower Upper
74 100
45 90.2 42.0 126.0





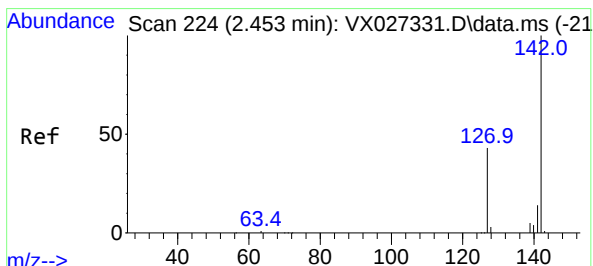
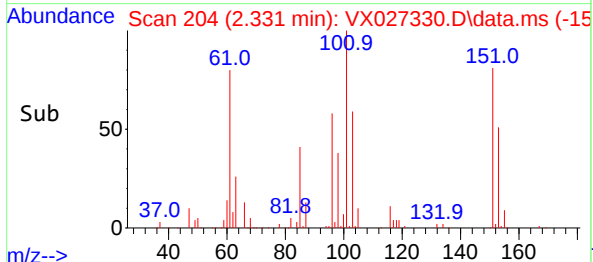
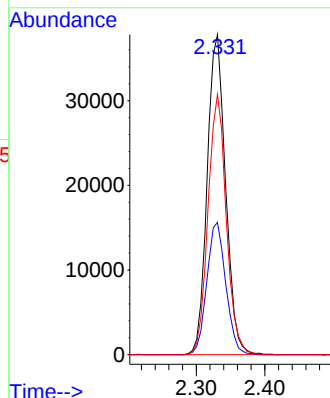
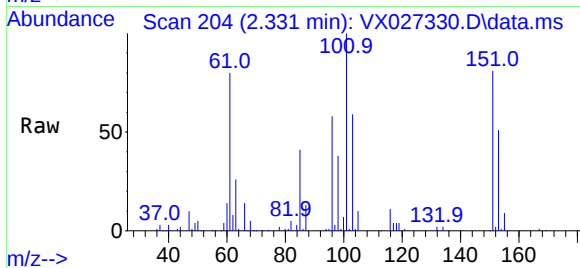
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.385 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX027330.D
Acq: 08 Mar 2022 14:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 70470
Ion Ratio Lower Upper
101 100
85 42.7 33.5 50.3
151 80.7 61.8 92.6

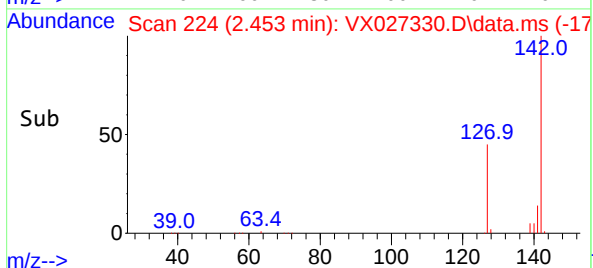
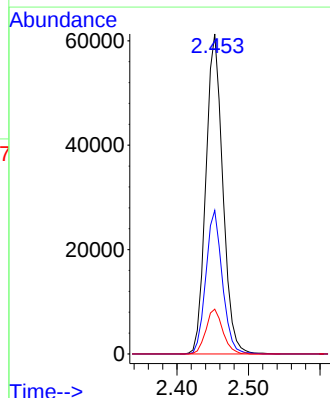
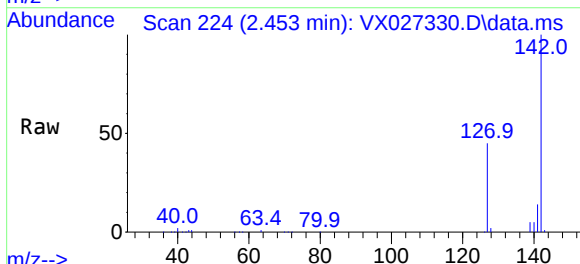
Manual Integrations
APPROVED

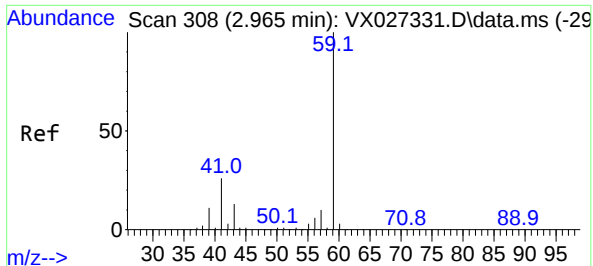
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022



#10
Methyl Iodide
Concen: 27.862 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX027330.D
Acq: 08 Mar 2022 14:19

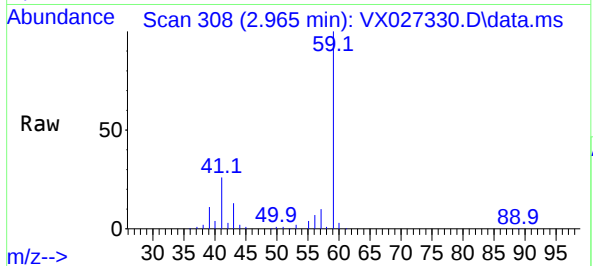
Tgt Ion:142 Resp: 100668
Ion Ratio Lower Upper
142 100
127 43.8 33.9 50.9
141 14.0 11.4 17.2





#11
Tert butyl alcohol
Concen: 124.189 ug/l
RT: 2.965 min Scan# 308
Delta R.T. 0.000 min
Lab File: VX027330.D
Acq: 08 Mar 2022 14:19

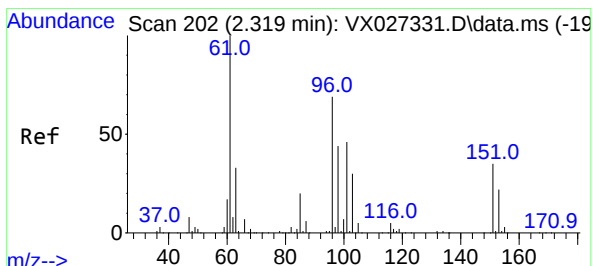
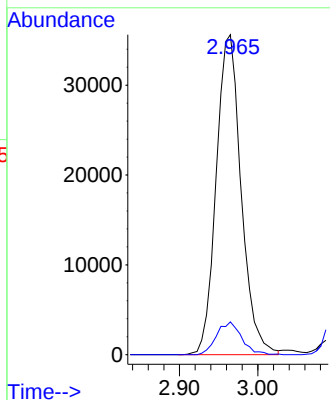
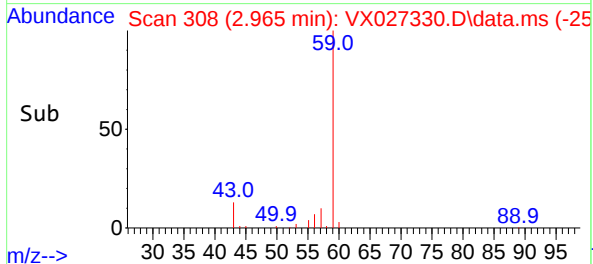
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



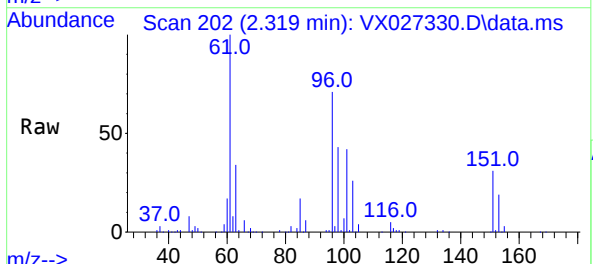
Tgt Ion: 59 Resp: 78830
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5

Manual Integrations
APPROVED

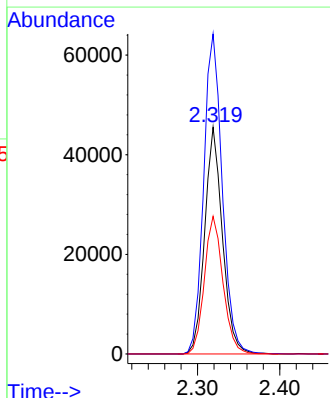
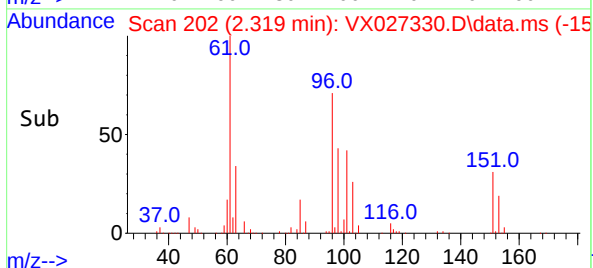
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022

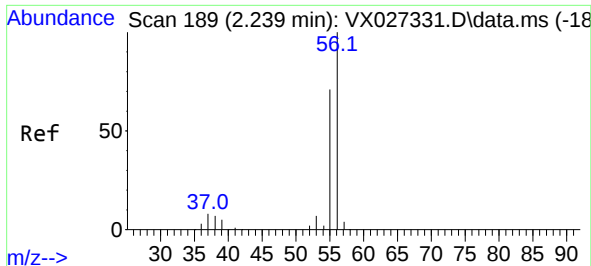


#12
1,1-Dichloroethene
Concen: 19.538 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX027330.D
Acq: 08 Mar 2022 14:19



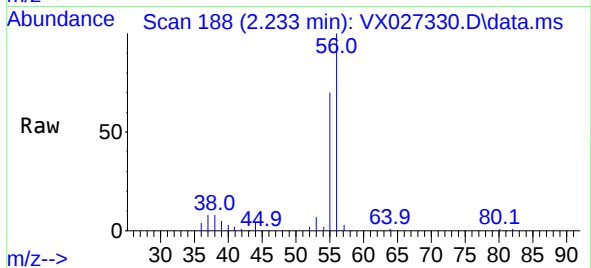
Tgt Ion: 96 Resp: 68233
Ion Ratio Lower Upper
96 100
61 141.1 124.6 187.0
98 60.7 51.0 76.4





#13
Acrolein
Concen: 162.510 ug/l
RT: 2.233 min Scan# 189
Delta R.T. -0.006 min
Lab File: VX027330.D
Acq: 08 Mar 2022 14:19

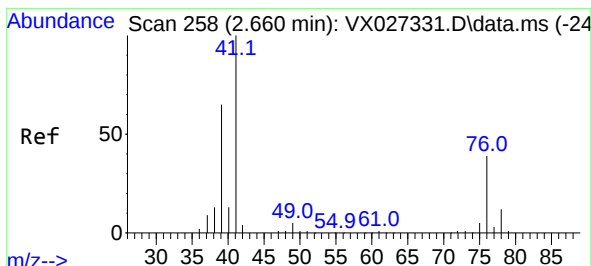
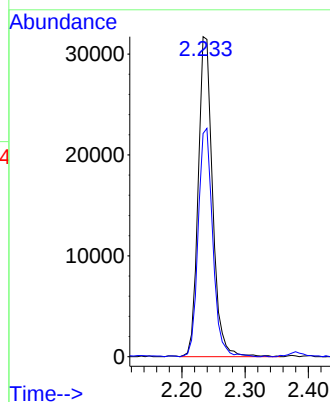
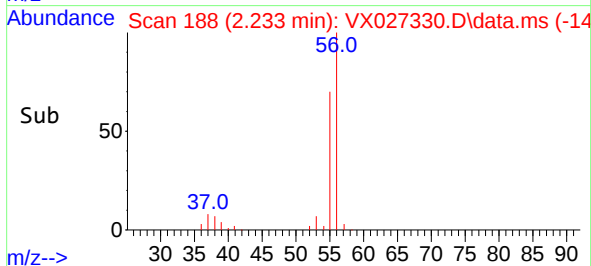
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



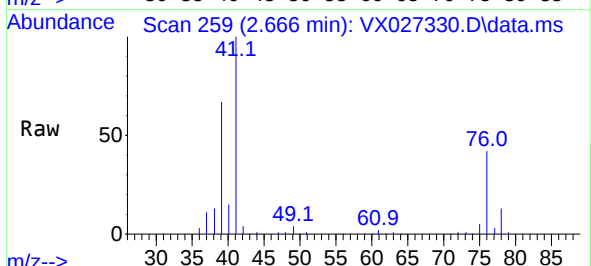
Tgt Ion: 56 Resp: 50228
Ion Ratio Lower Upper
56 100
55 72.2 55.0 82.6

Manual Integrations
APPROVED

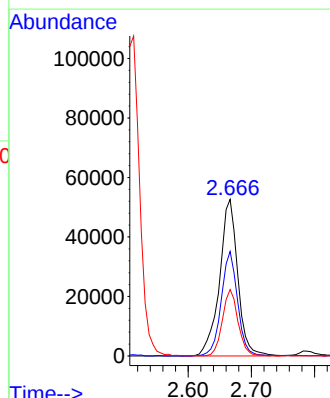
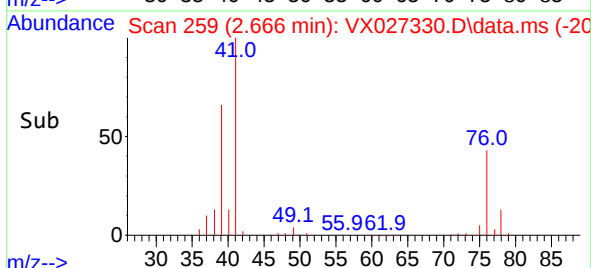
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022

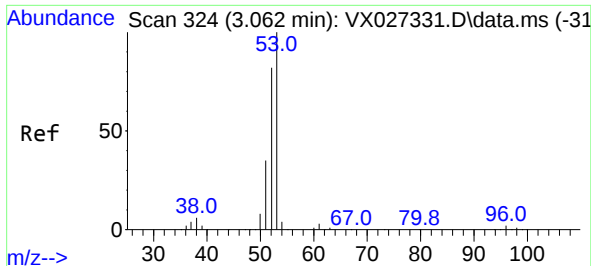


#14
Allyl chloride
Concen: 22.719 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX027330.D
Acq: 08 Mar 2022 14:19



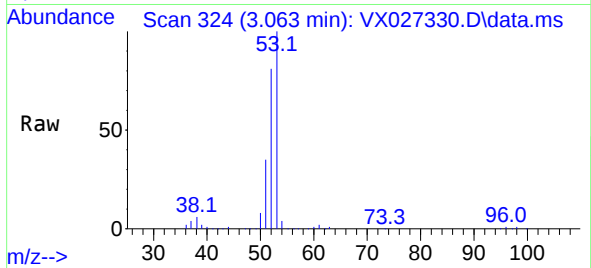
Tgt Ion: 41 Resp: 105312
Ion Ratio Lower Upper
41 100
39 59.8 50.4 75.6
76 36.3 32.7 49.1





#15
Acrylonitrile
Concen: 120.816 ug/l
RT: 3.063 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX027330.D
Acq: 08 Mar 2022 14:19

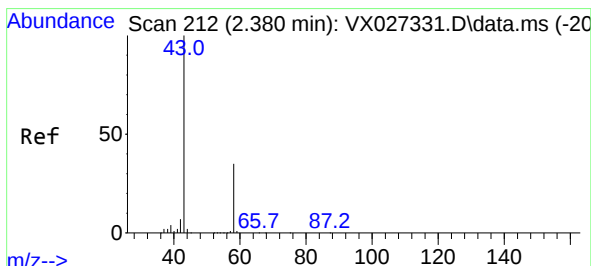
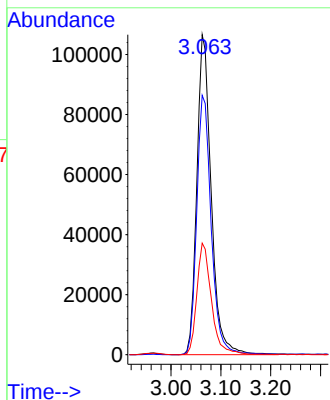
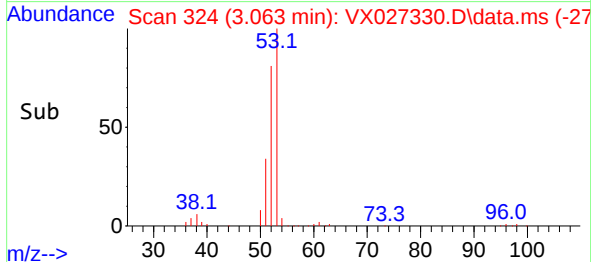
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



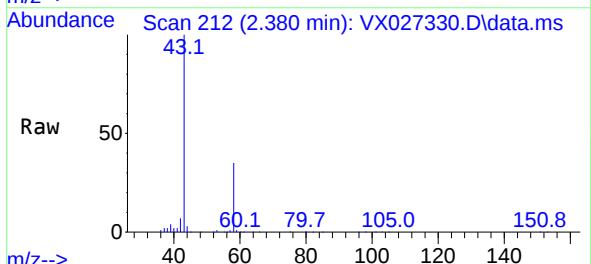
Tgt Ion: 53 Resp: 212970
Ion Ratio Lower Upper
53 100
52 82.2 65.7 98.5
51 35.5 28.4 42.6

Manual Integrations
APPROVED

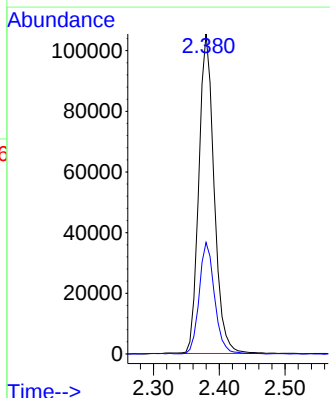
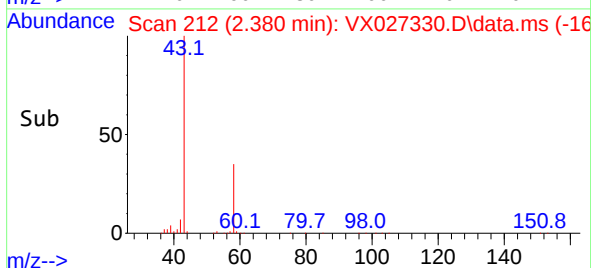
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022

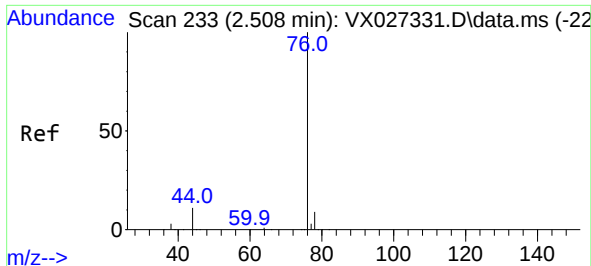


#16
Acetone
Concen: 103.908 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX027330.D
Acq: 08 Mar 2022 14:19



Tgt Ion: 43 Resp: 169809
Ion Ratio Lower Upper
43 100
58 34.8 28.8 43.2





#17

Carbon Disulfide

Concen: 19.498 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX027330.D

Acq: 08 Mar 2022 14:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 17785

Ion Ratio Lower Upper

76 100

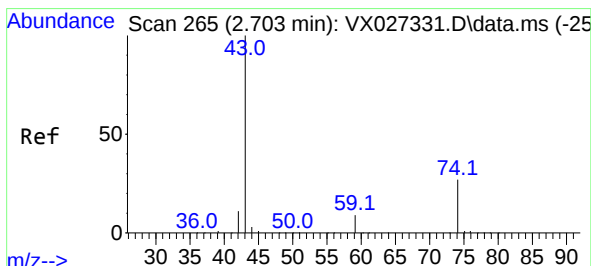
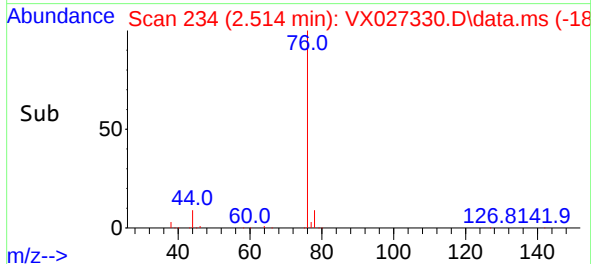
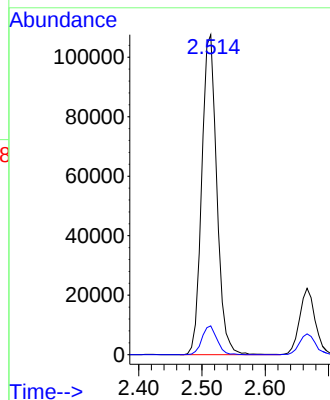
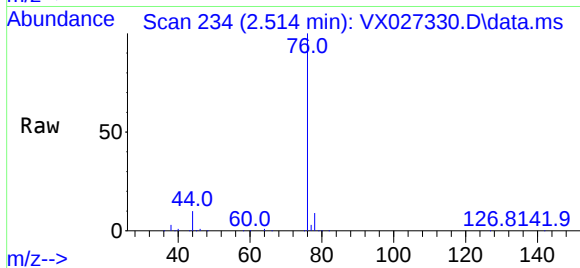
78 9.0 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/09/2022

Supervised By :Mahesh Dadoda 03/09/2022



#18

Methyl Acetate

Concen: 23.596 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX027330.D

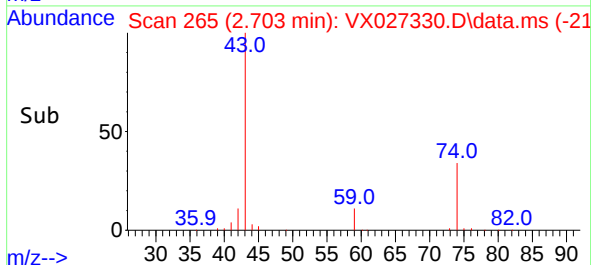
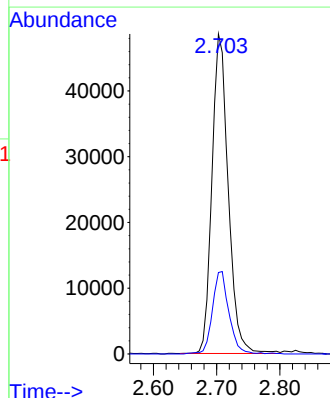
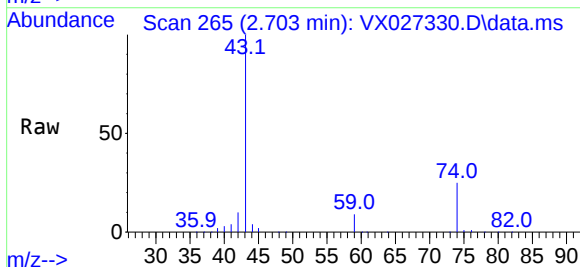
Acq: 08 Mar 2022 14:19

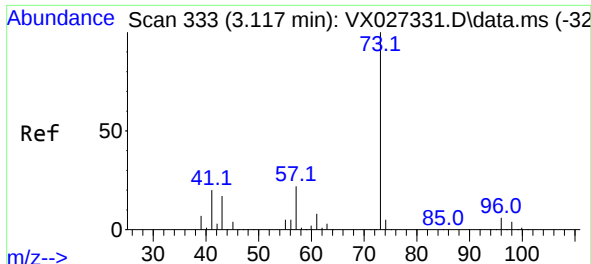
Tgt Ion: 43 Resp: 86756

Ion Ratio Lower Upper

43 100

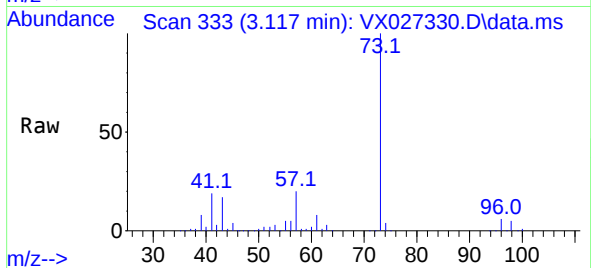
74 26.1 22.8 34.2





#19
Methyl tert-butyl Ether
Concen: 23.094 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX027330.D
Acq: 08 Mar 2022 14:19

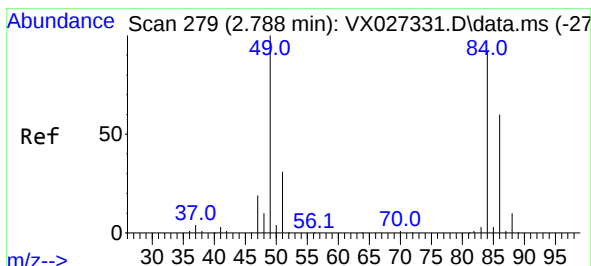
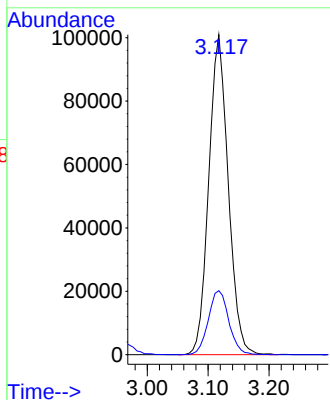
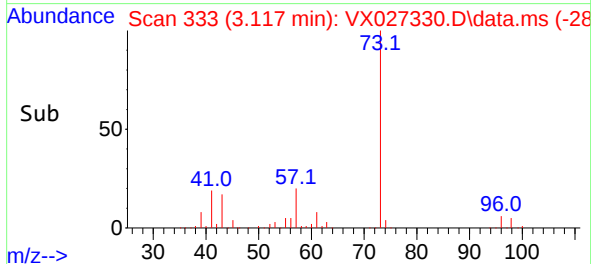
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



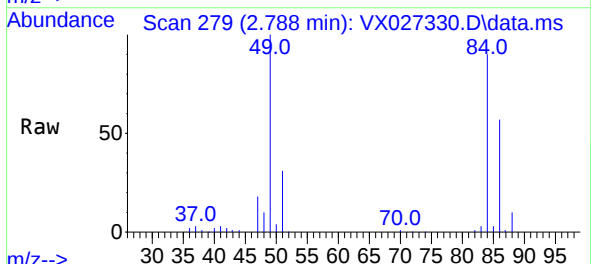
Tgt Ion: 73 Resp: 22395
Ion Ratio Lower Upper
73 100
57 20.0 16.8 25.2

Manual Integrations
APPROVED

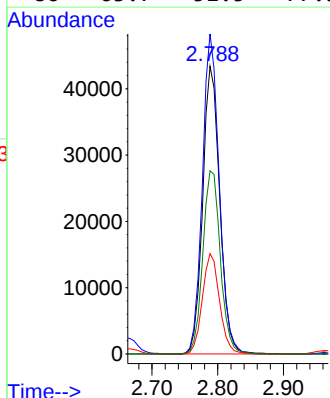
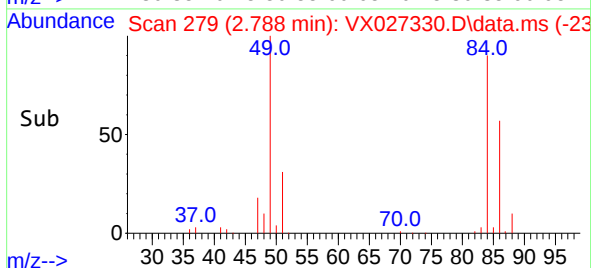
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022

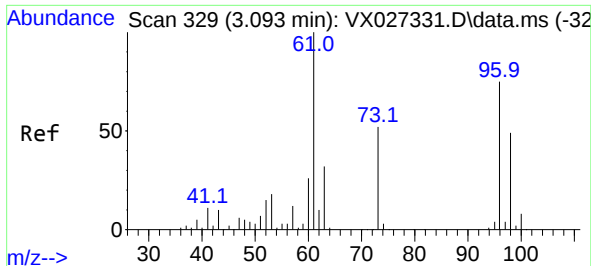


#20
Methylene Chloride
Concen: 19.754 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX027330.D
Acq: 08 Mar 2022 14:19



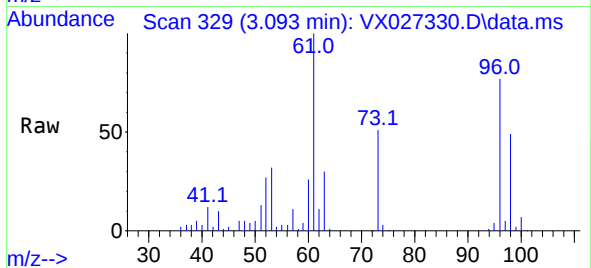
Tgt Ion: 84 Resp: 78296
Ion Ratio Lower Upper
84 100
49 111.2 85.5 128.3
51 34.9 26.6 39.8
86 63.7 51.5 77.3





#21
trans-1,2-Dichloroethene
Concen: 20.492 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX027330.D
Acq: 08 Mar 2022 14:19

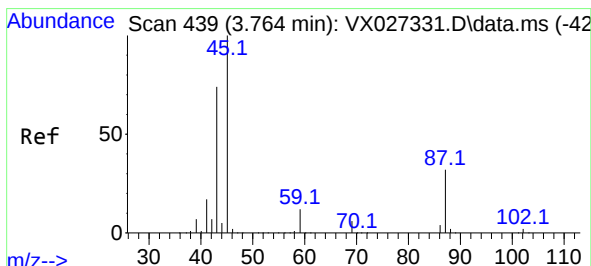
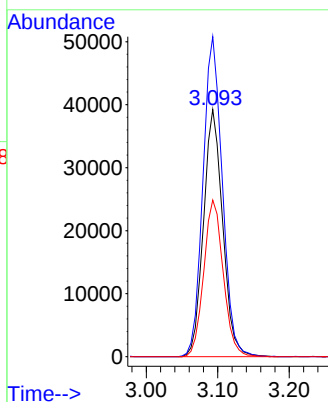
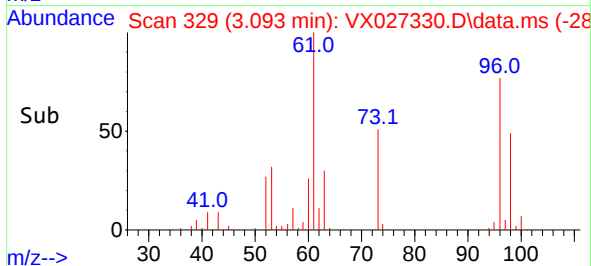
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



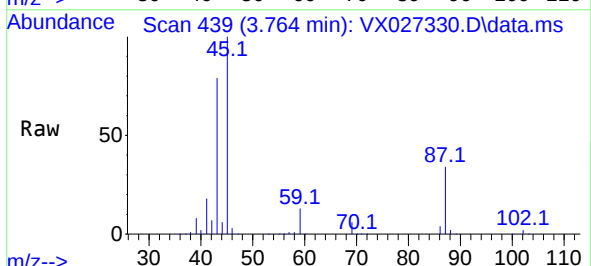
Tgt Ion: 96 Resp: 7325
Ion Ratio Lower Upper
96 100
61 129.4 105.4 158.2
98 63.4 50.0 75.0

Manual Integrations
APPROVED

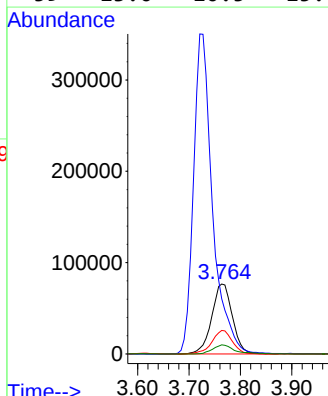
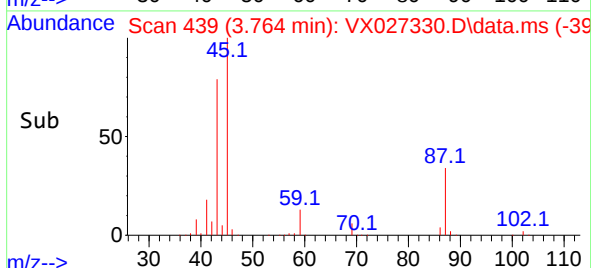
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022

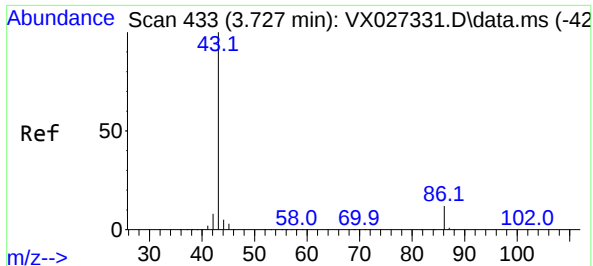


#22
Diisopropyl ether
Concen: 23.066 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX027330.D
Acq: 08 Mar 2022 14:19



Tgt Ion: 45 Resp: 213219
Ion Ratio Lower Upper
45 100
43 78.1 50.8 76.2#
87 33.5 26.6 39.8
59 13.0 10.5 15.7





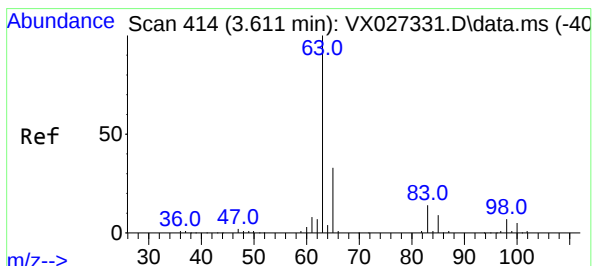
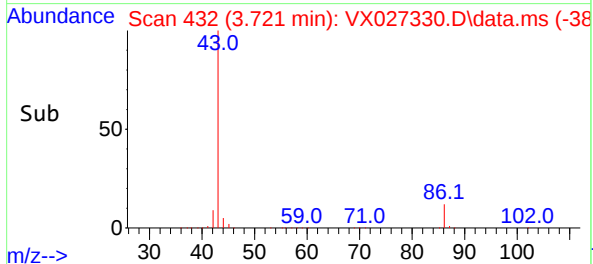
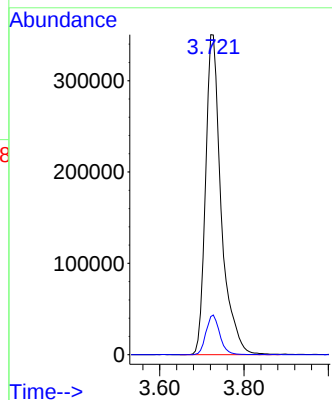
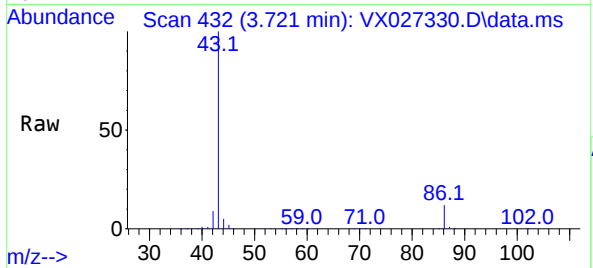
#23
 Vinyl Acetate
 Concen: 120.930 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX027330.D
 Acq: 08 Mar 2022 14:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Tgt Ion: 43 Resp: 903684
 Ion Ratio Lower Upper
 43 100
 86 11.9 10.8 16.2

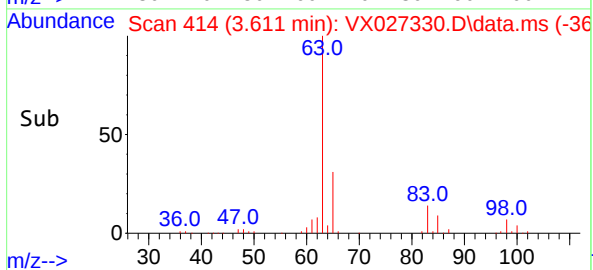
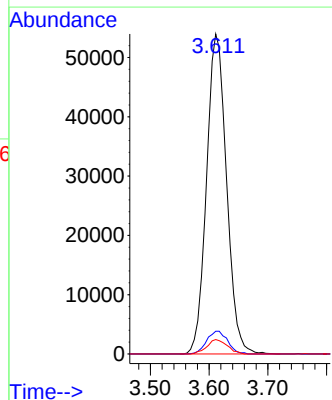
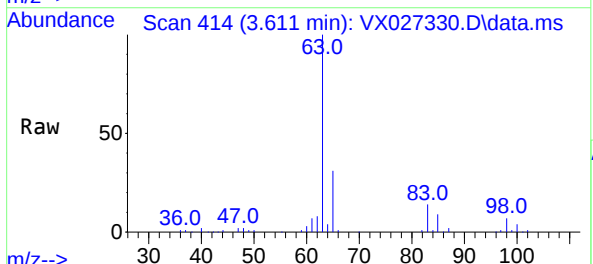
Manual Integrations
 APPROVED

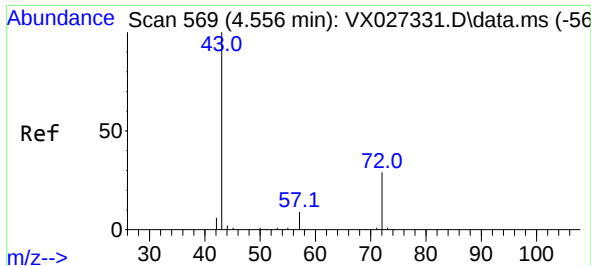
Reviewed By :John Carlone 03/09/2022
 Supervised By :Mahesh Dadoda 03/09/2022



#24
 1,1-Dichloroethane
 Concen: 20.900 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX027330.D
 Acq: 08 Mar 2022 14:19

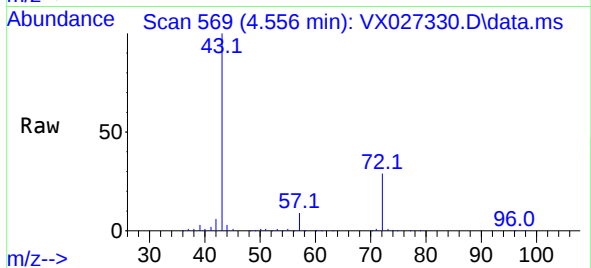
Tgt Ion: 63 Resp: 127788
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.9 11.7
 100 4.5 2.4 7.2





#25
2-Butanone
Concen: 126.800 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX027330.D
Acq: 08 Mar 2022 14:19

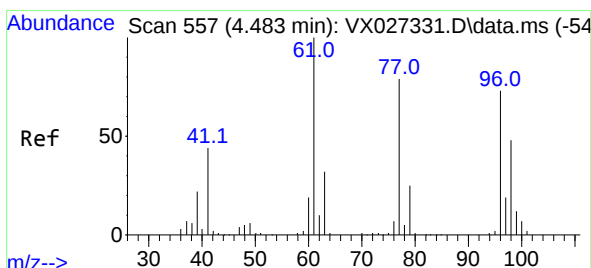
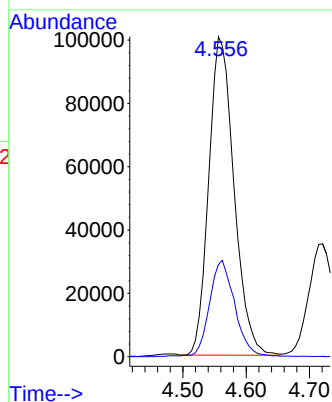
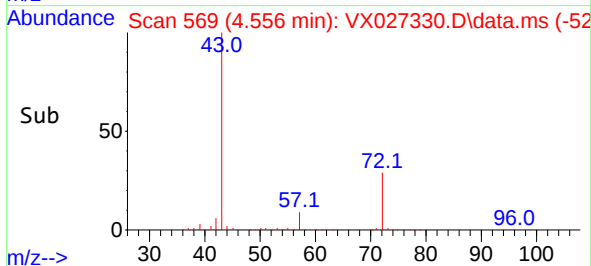
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 278838
Ion Ratio Lower Upper
43 100
72 28.8 24.4 36.6

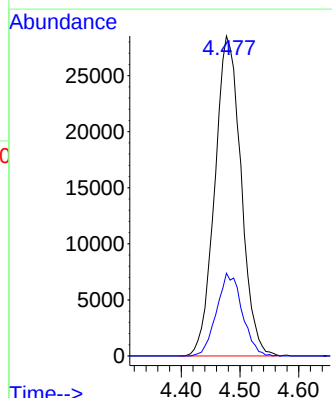
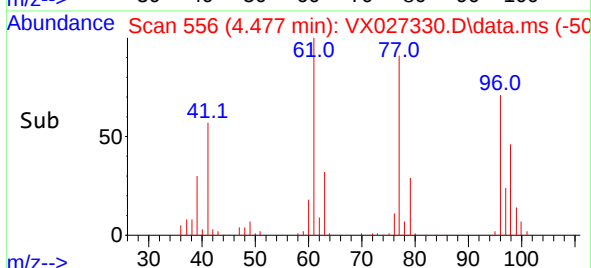
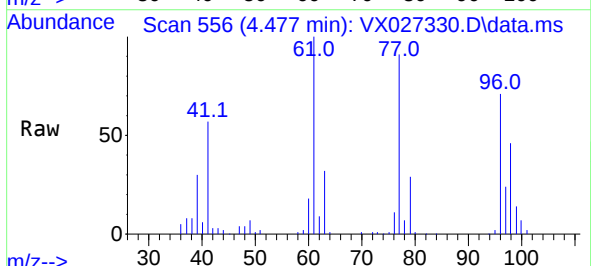
Manual Integrations
APPROVED

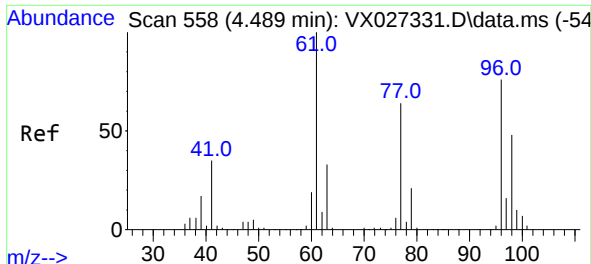
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022



#26
2,2-Dichloropropane
Concen: 18.267 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.006 min
Lab File: VX027330.D
Acq: 08 Mar 2022 14:19

Tgt Ion: 77 Resp: 88361
Ion Ratio Lower Upper
77 100
97 25.2 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 21.621 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX027330.D

Acq: 08 Mar 2022 14:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 96 Resp: 8680

Ion Ratio Lower Upper

96 100

61 133.0 0.0 283.8

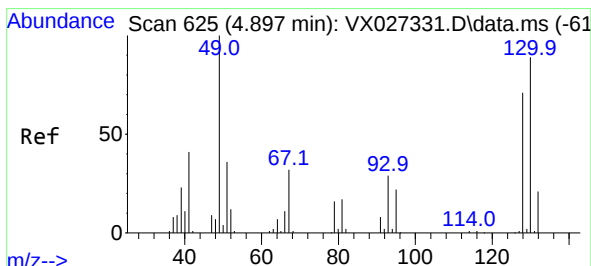
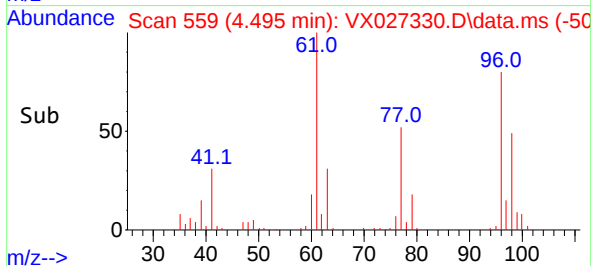
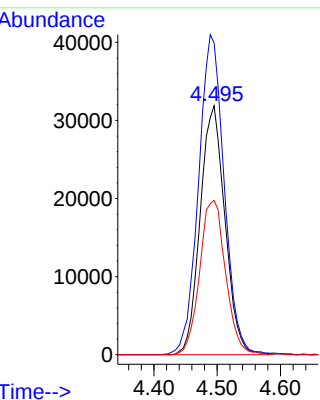
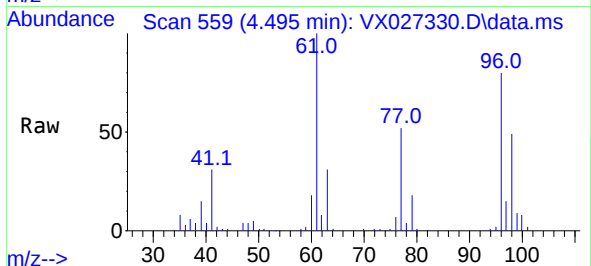
98 64.7 0.0 129.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/09/2022

Supervised By :Mahesh Dadoda 03/09/2022



#28

Bromochloromethane

Concen: 21.473 ug/l

RT: 4.904 min Scan# 626

Delta R.T. 0.006 min

Lab File: VX027330.D

Acq: 08 Mar 2022 14:19

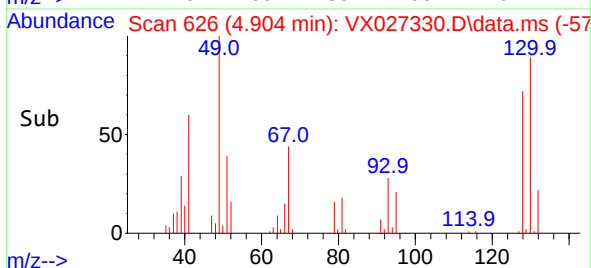
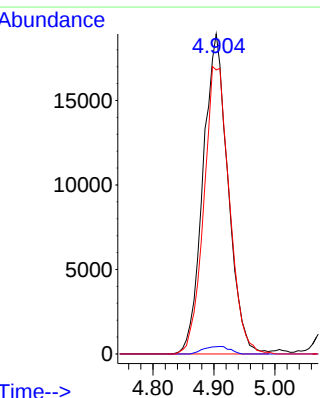
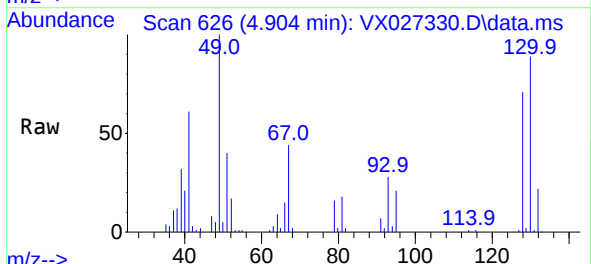
Tgt Ion: 49 Resp: 53941

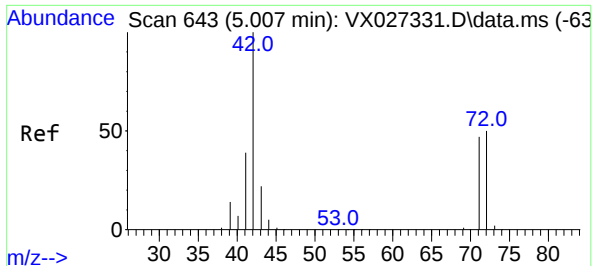
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.4

130 91.9 70.7 106.1





#29

Tetrahydrofuran

Concen: 138.259 ug/l

RT: 5.007 min Scan# 643

Delta R.T. 0.000 min

Lab File: VX027330.D

Acq: 08 Mar 2022 14:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 42 Resp: 188824

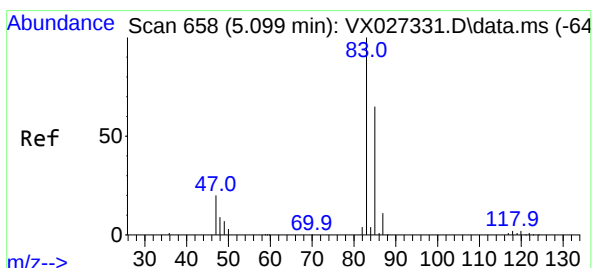
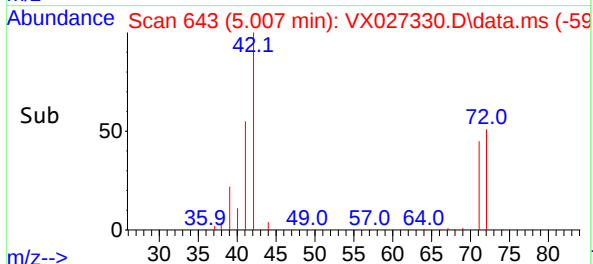
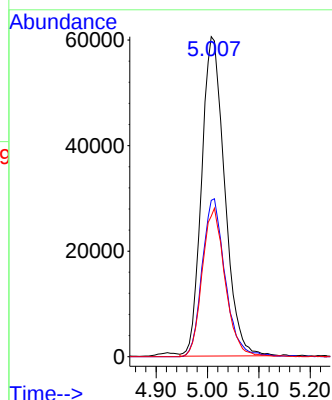
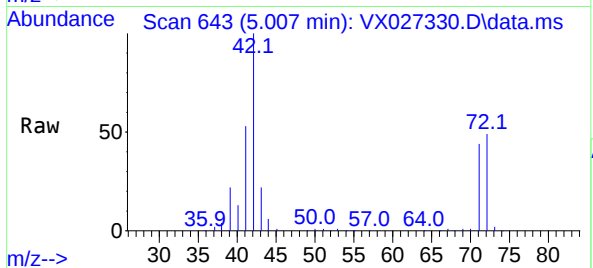
Ion	Ratio	Lower	Upper
42	100		
72	49.3	44.1	66.1
71	46.0	40.5	60.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/09/2022

Supervised By :Mahesh Dadoda 03/09/2022



#30

Chloroform

Concen: 20.470 ug/l

RT: 5.099 min Scan# 658

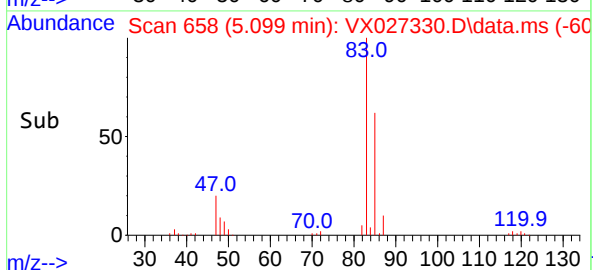
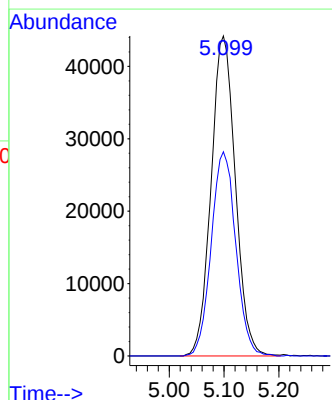
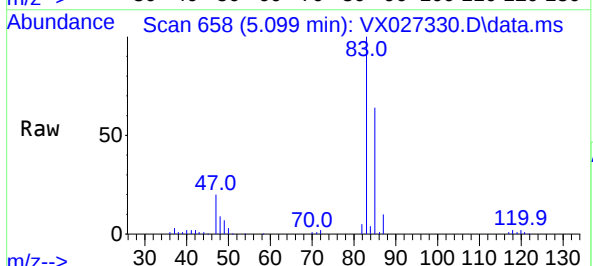
Delta R.T. 0.000 min

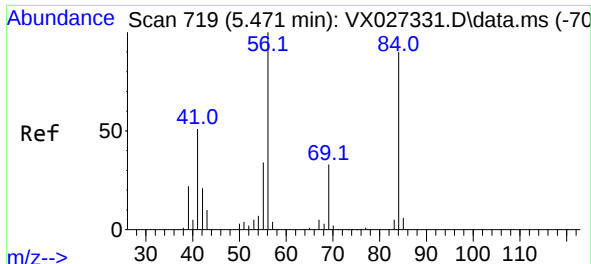
Lab File: VX027330.D

Acq: 08 Mar 2022 14:19

Tgt Ion: 83 Resp: 135801

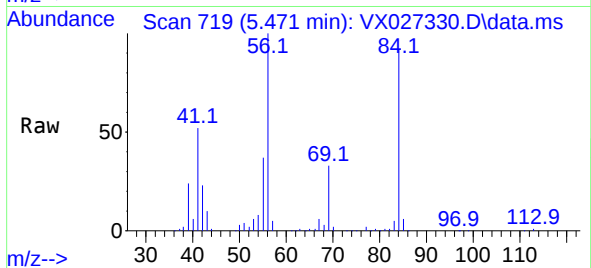
Ion	Ratio	Lower	Upper
83	100		
85	63.8	52.7	79.1





#31
Cyclohexane
Concen: 26.294 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX027330.D
Acq: 08 Mar 2022 14:19

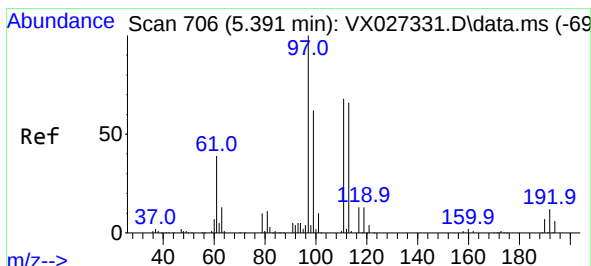
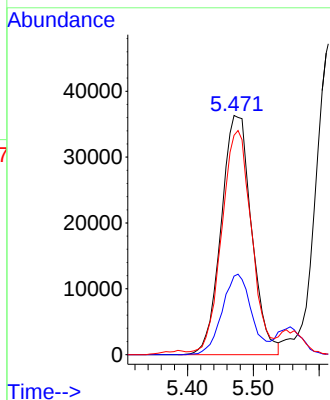
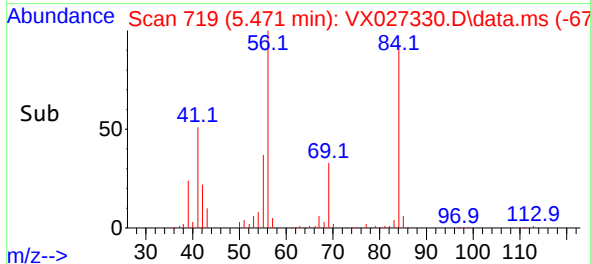
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



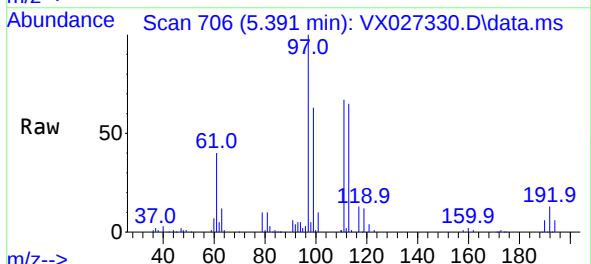
Tgt Ion: 56 Resp: 11674
Ion Ratio Lower Upper
56 100
69 32.9 26.7 40.1
84 89.9 77.2 115.8

Manual Integrations
APPROVED

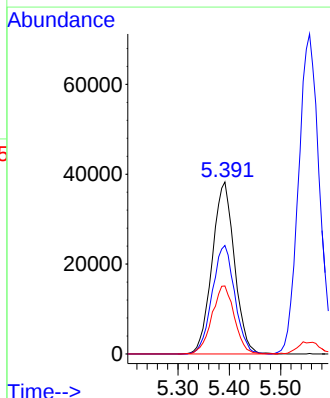
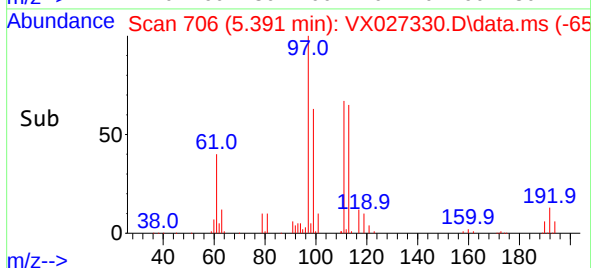
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022

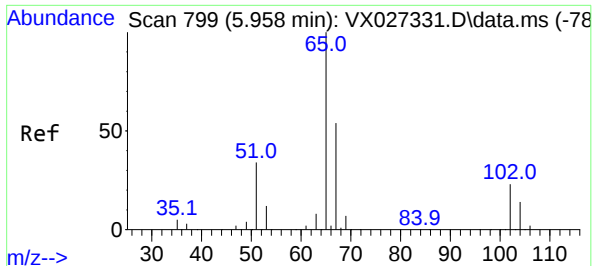


#32
1,1,1-Trichloroethane
Concen: 20.847 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027330.D
Acq: 08 Mar 2022 14:19



Tgt Ion: 97 Resp: 115141
Ion Ratio Lower Upper
97 100
99 63.9 51.8 77.6
61 40.1 34.0 51.0





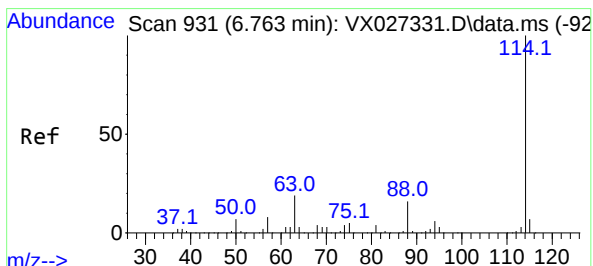
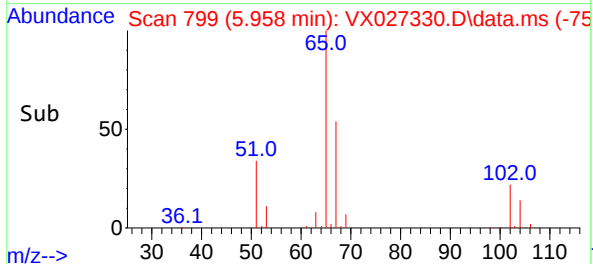
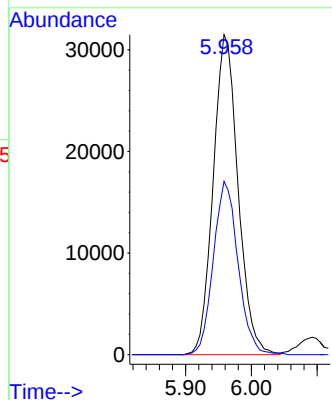
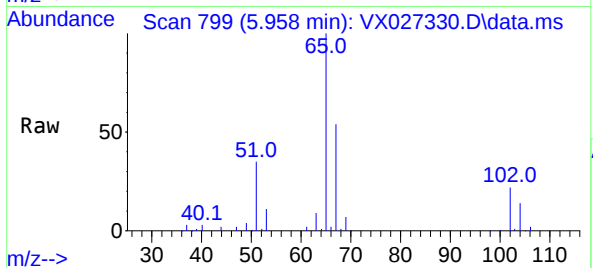
#33
1,2-Dichloroethane-d4
Concen: 33.093 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027330.D
Acq: 08 Mar 2022 14:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 65 Resp: 82880
Ion Ratio Lower Upper
65 100
67 53.8 0.0 107.4

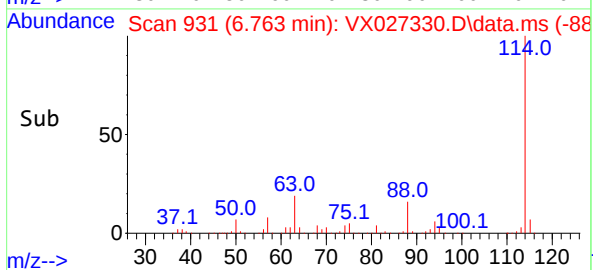
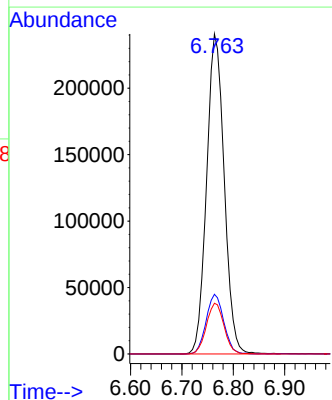
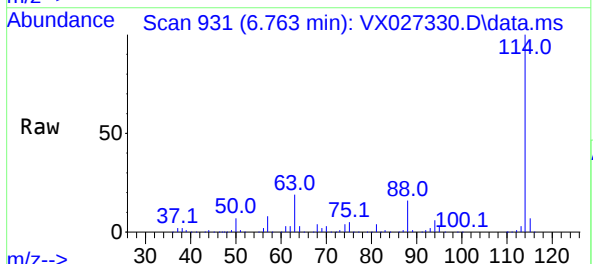
Manual Integrations
APPROVED

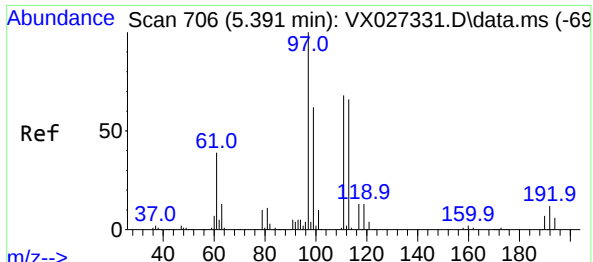
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX027330.D
Acq: 08 Mar 2022 14:19

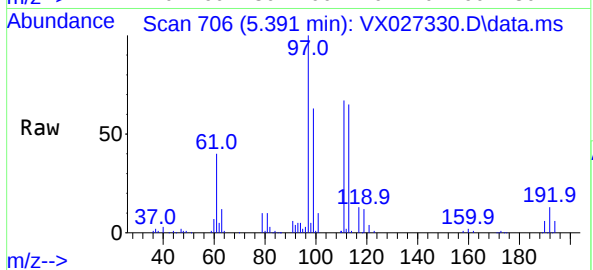
Tgt Ion:114 Resp: 572433
Ion Ratio Lower Upper
114 100
63 18.6 0.0 36.8
88 15.9 0.0 32.4





#35
Dibromofluoromethane
Concen: 33.458 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027330.D
Acq: 08 Mar 2022 14:19

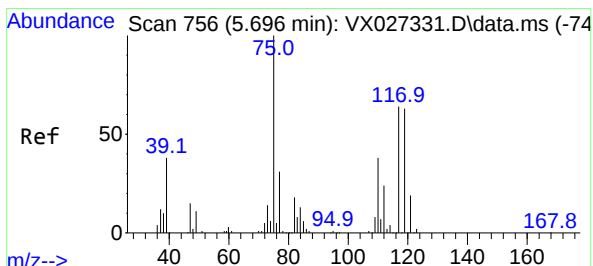
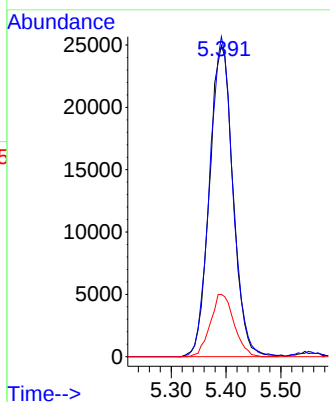
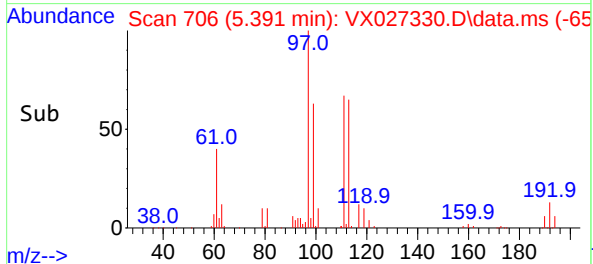
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



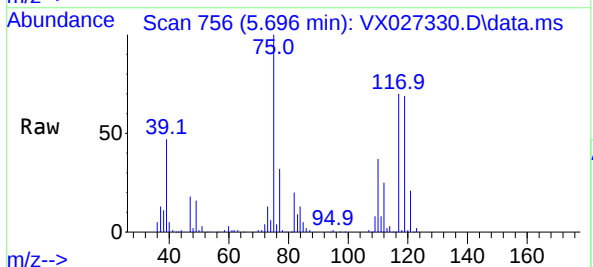
Tgt Ion: 113 Resp: 74425
Ion Ratio Lower Upper
113 100
111 101.1 82.8 124.2
192 20.2 16.9 25.3

Manual Integrations
APPROVED

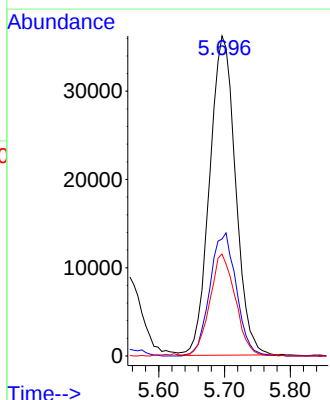
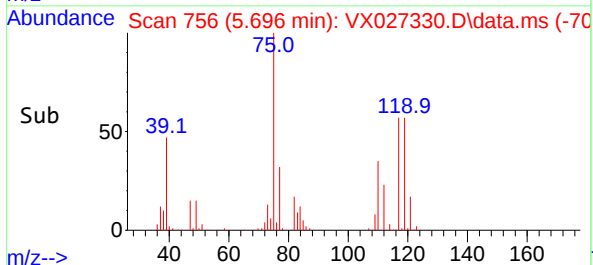
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022

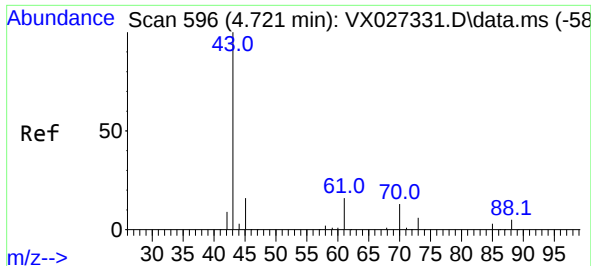


#36
1,1-Dichloropropene
Concen: 20.906 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.000 min
Lab File: VX027330.D
Acq: 08 Mar 2022 14:19



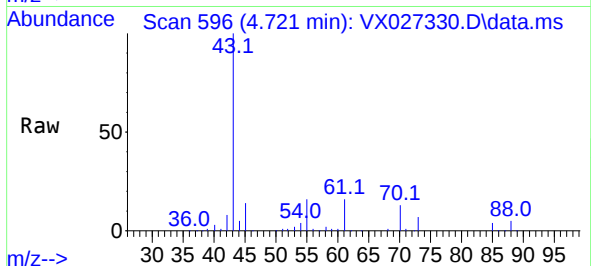
Tgt Ion: 75 Resp: 99186
Ion Ratio Lower Upper
75 100
110 39.3 18.3 54.8
77 31.5 24.8 37.2





#37
Ethyl Acetate
Concen: 24.414 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.000 min
Lab File: VX027330.D
Acq: 08 Mar 2022 14:19

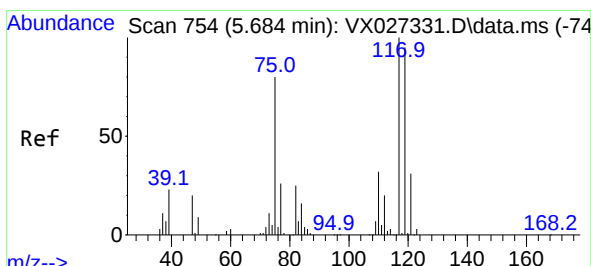
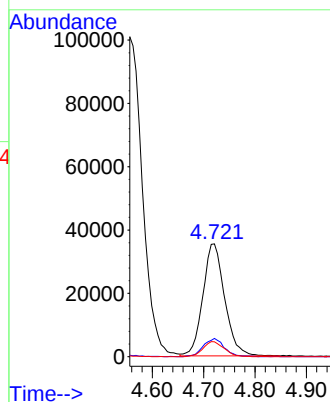
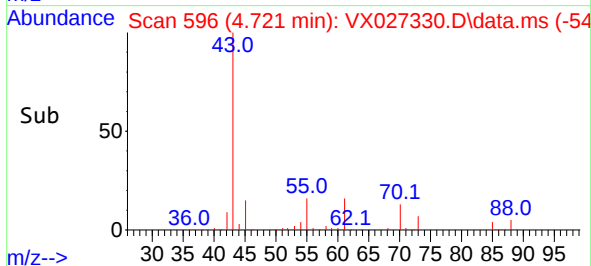
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 10416
Ion Ratio Lower Upper
43 100
61 15.7 12.6 19.0
70 13.1 10.2 15.2

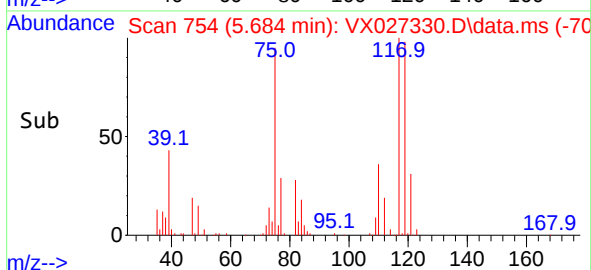
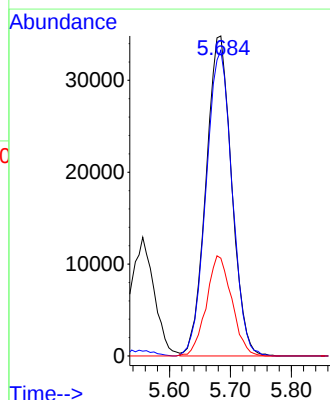
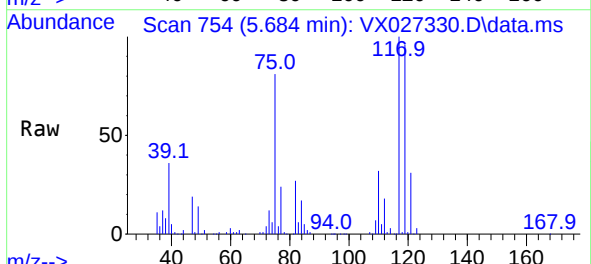
Manual Integrations
APPROVED

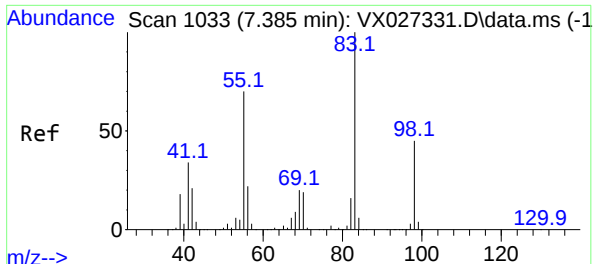
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022



#38
Carbon Tetrachloride
Concen: 19.761 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX027330.D
Acq: 08 Mar 2022 14:19

Tgt Ion:117 Resp: 101966
Ion Ratio Lower Upper
117 100
119 95.5 77.3 115.9
121 30.5 24.2 36.2





#39

Methylcyclohexane

Concen: 23.960 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VX027330.D

Acq: 08 Mar 2022 14:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 83 Resp: 128094

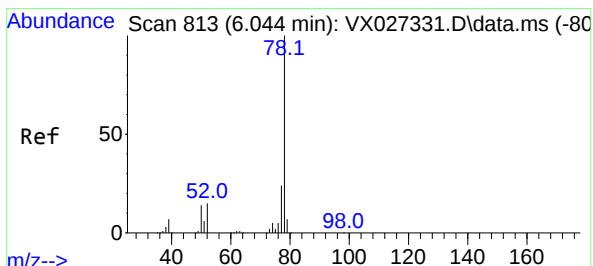
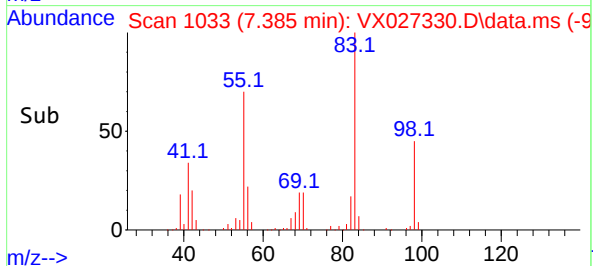
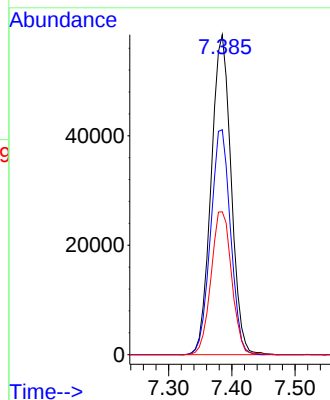
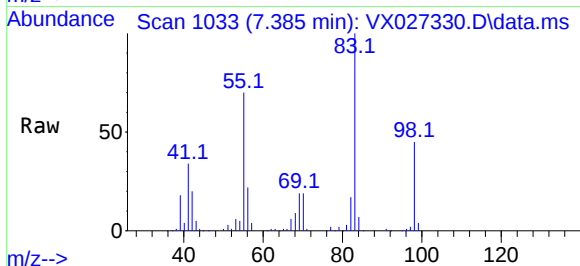
Ion	Ratio	Lower	Upper
83	100		
55	70.3	54.6	81.8
98	44.7	37.4	56.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/09/2022

Supervised By :Mahesh Dadoda 03/09/2022



#40

Benzene

Concen: 21.399 ug/l

RT: 6.044 min Scan# 813

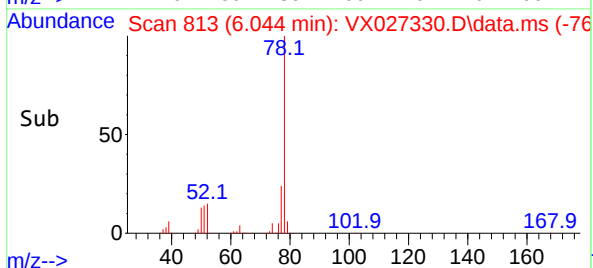
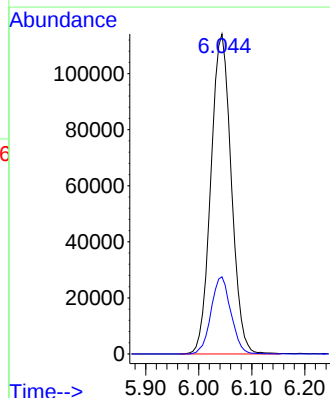
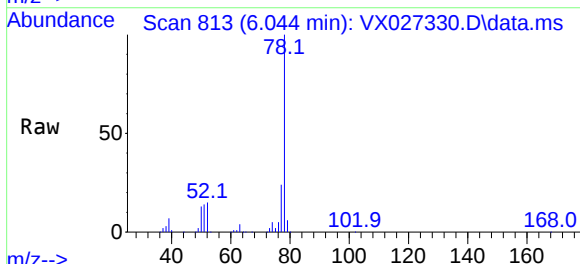
Delta R.T. 0.000 min

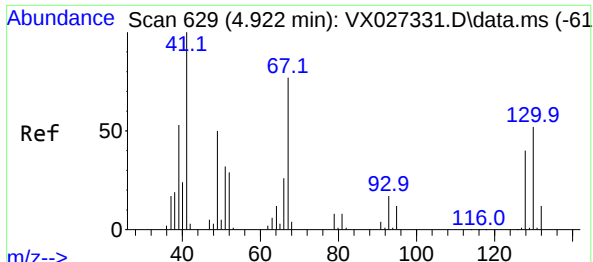
Lab File: VX027330.D

Acq: 08 Mar 2022 14:19

Tgt Ion: 78 Resp: 304857

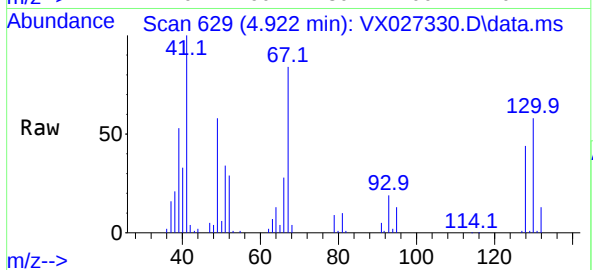
Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.3	28.9





#41
Methacrylonitrile
Concen: 24.737 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX027330.D
Acq: 08 Mar 2022 14:19

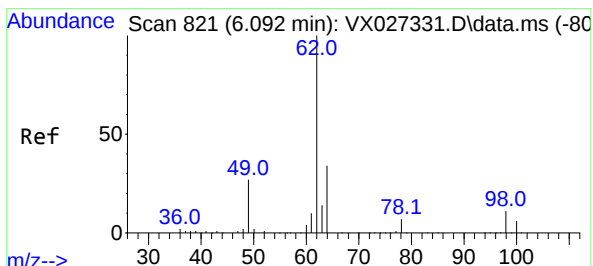
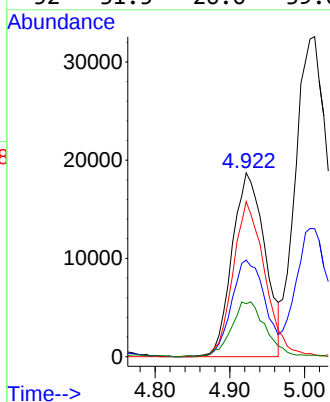
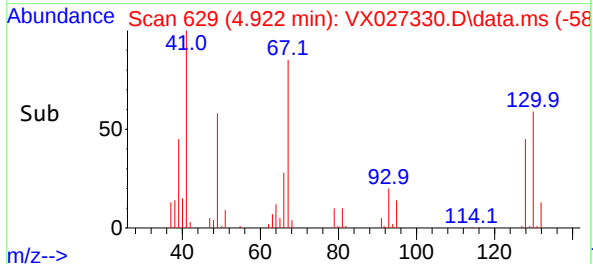
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



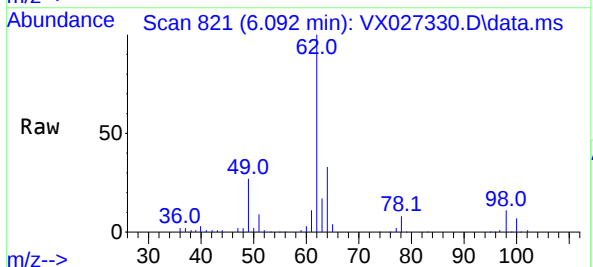
Tgt Ion: 41 Resp: 57170
Ion Ratio Lower Upper
41 100
39 53.4 43.0 64.4
67 81.9 70.2 105.4
52 31.5 26.0 39.0

Manual Integrations
APPROVED

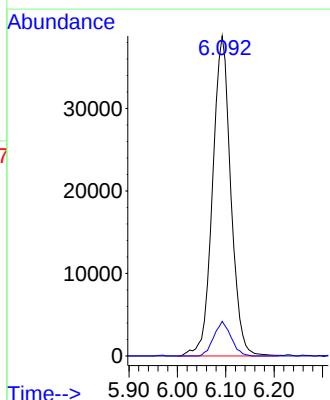
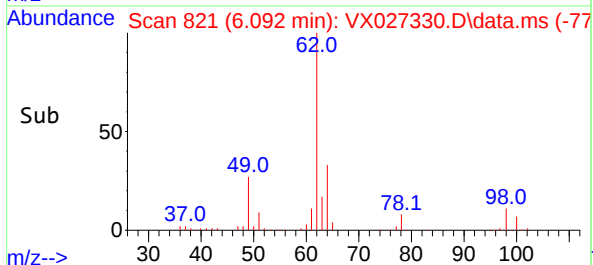
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022

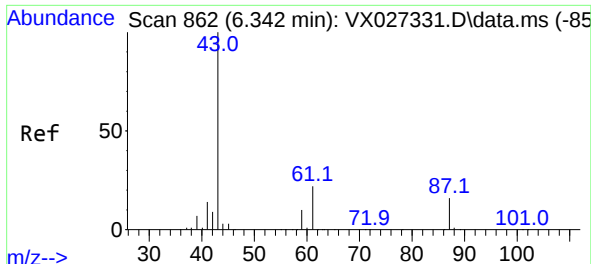


#42
1,2-Dichloroethane
Concen: 20.743 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX027330.D
Acq: 08 Mar 2022 14:19



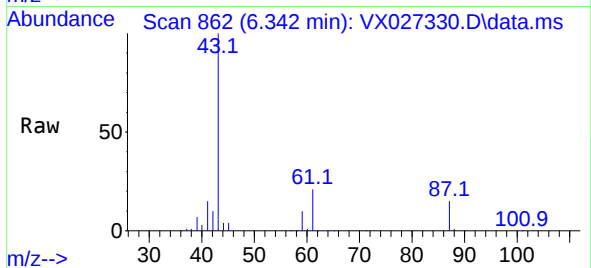
Tgt Ion: 62 Resp: 101750
Ion Ratio Lower Upper
62 100
98 10.1 0.0 20.4





#43
Isopropyl Acetate
Concen: 23.889 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX027330.D
Acq: 08 Mar 2022 14:19

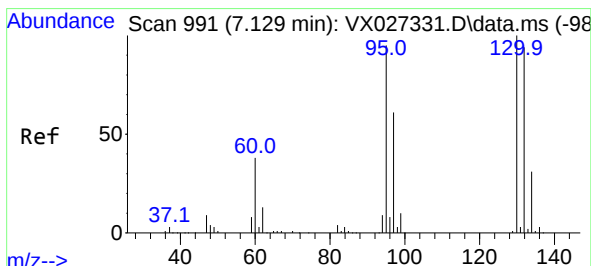
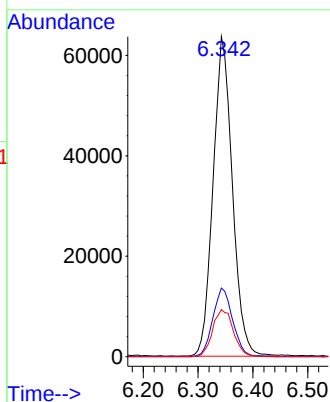
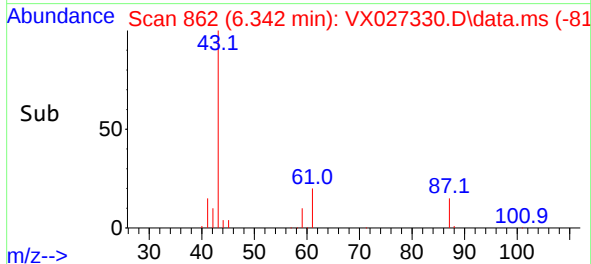
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



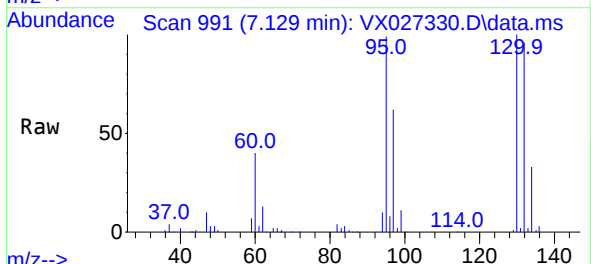
Tgt Ion: 43 Resp: 15572
Ion Ratio Lower Upper
43 100
61 22.1 18.5 27.7
87 15.9 13.0 19.6

Manual Integrations
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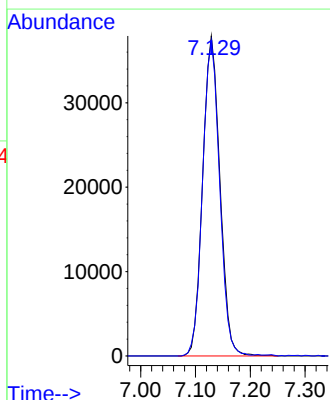
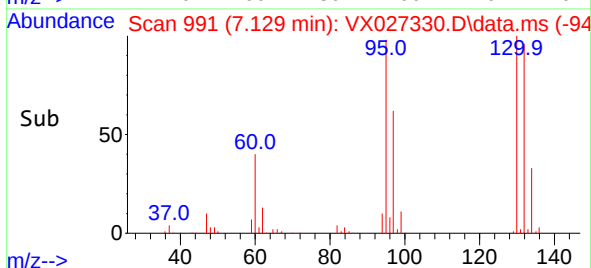
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022

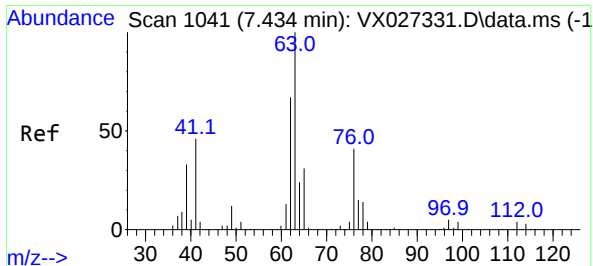


#44
Trichloroethene
Concen: 20.910 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX027330.D
Acq: 08 Mar 2022 14:19



Tgt Ion:130 Resp: 82786
Ion Ratio Lower Upper
130 100
95 98.6 0.0 188.8





#45

1,2-Dichloropropane

Concen: 20.598 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX027330.D

Acq: 08 Mar 2022 14:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 63 Resp: 7659

Ion Ratio Lower Upper

63 100

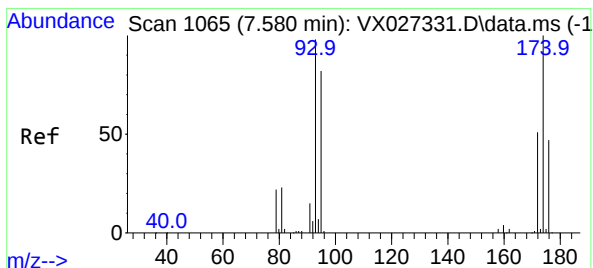
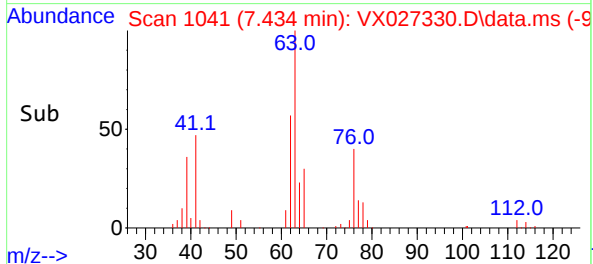
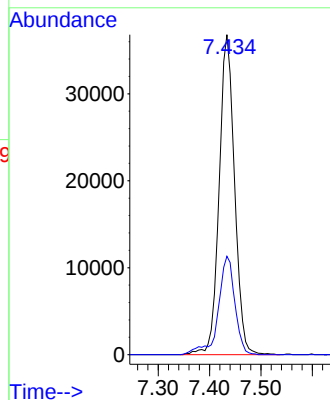
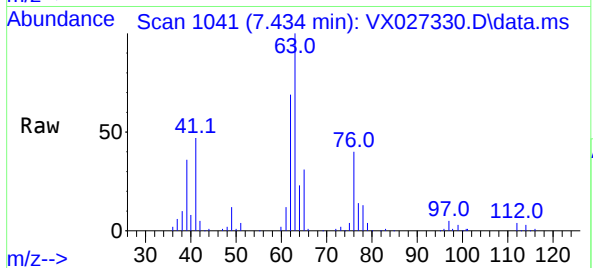
65 30.8 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/09/2022

Supervised By :Mahesh Dadoda 03/09/2022



#46

Dibromomethane

Concen: 21.276 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX027330.D

Acq: 08 Mar 2022 14:19

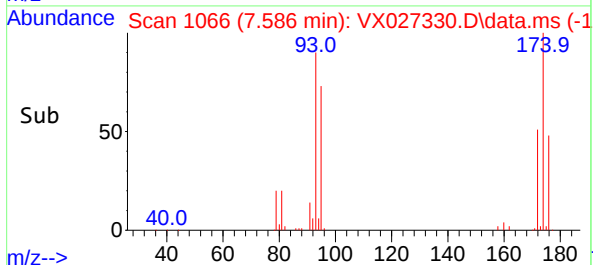
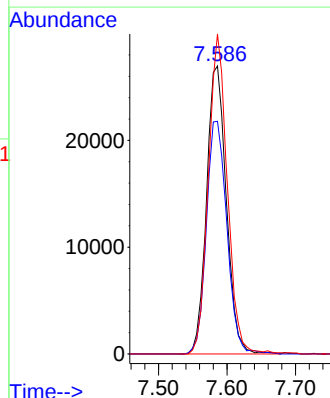
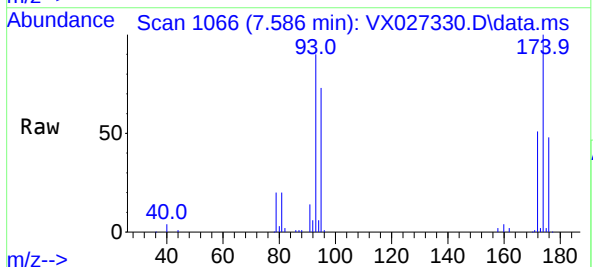
Tgt Ion: 93 Resp: 54042

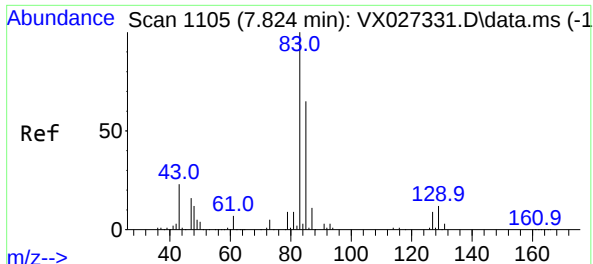
Ion Ratio Lower Upper

93 100

95 83.9 65.8 98.6

174 107.1 85.4 128.2





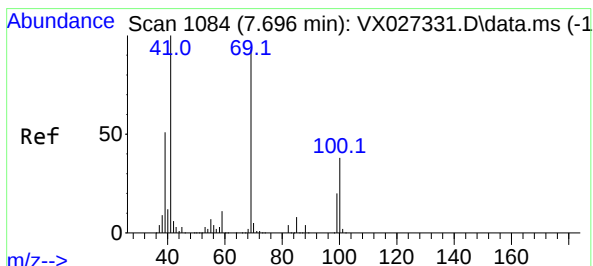
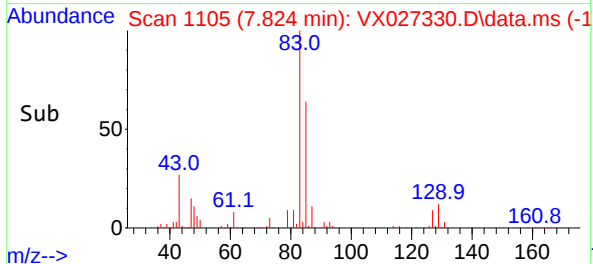
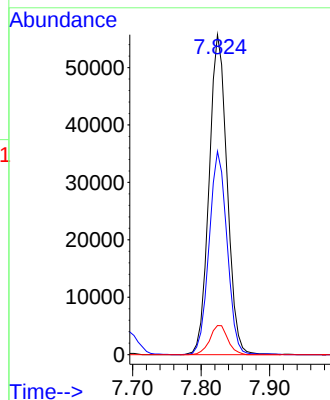
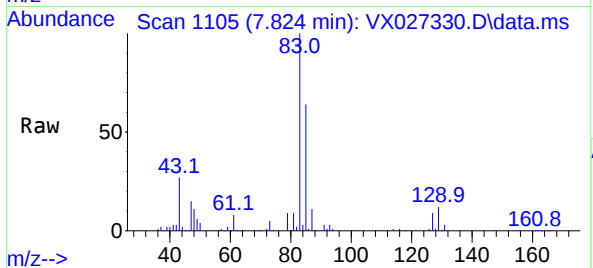
#47
Bromodichloromethane
Concen: 19.902 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX027330.D
Acq: 08 Mar 2022 14:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 101680
Ion Ratio Lower Upper
83 100
85 63.5 52.2 78.2
127 9.1 6.8 10.2

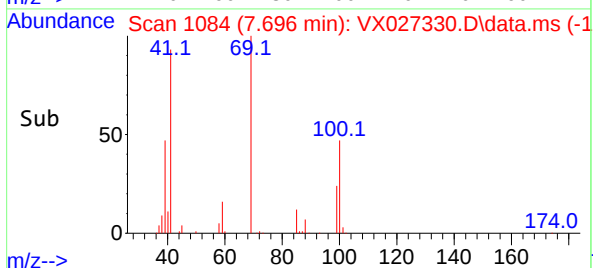
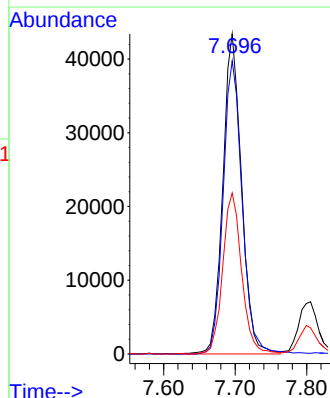
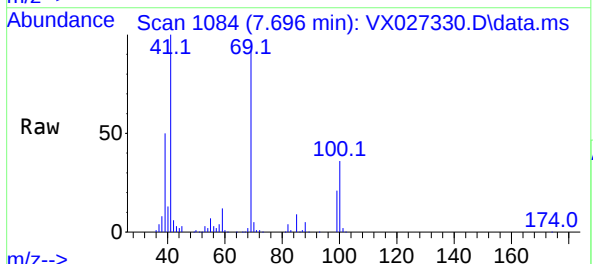
Manual Integrations
APPROVED

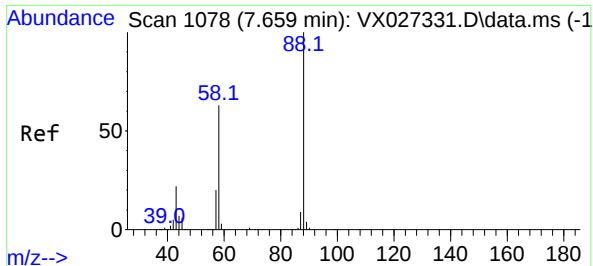
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022



#48
Methyl methacrylate
Concen: 24.970 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX027330.D
Acq: 08 Mar 2022 14:19

Tgt Ion: 41 Resp: 78816
Ion Ratio Lower Upper
41 100
69 93.4 82.5 123.7
39 50.9 43.8 65.8





#49

1,4-Dioxane

Concen: 517.015 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX027330.D

Acq: 08 Mar 2022 14:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 88 Resp: 43454

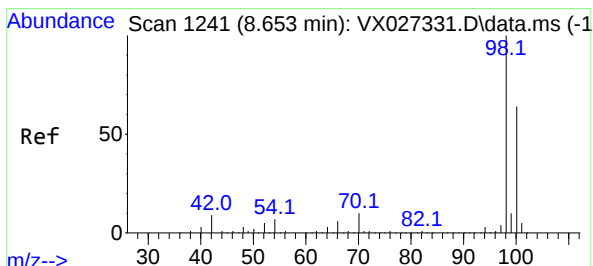
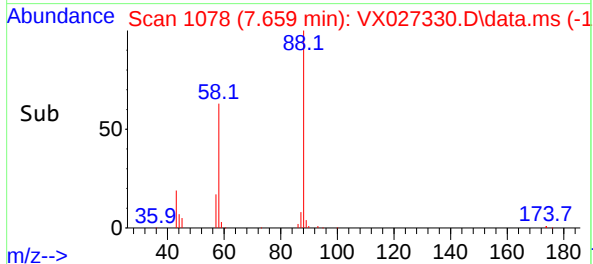
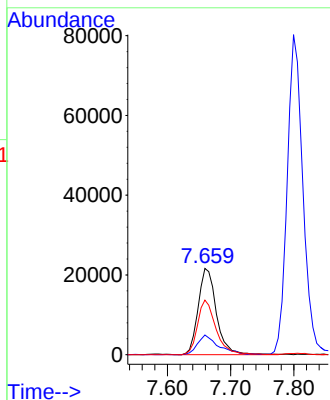
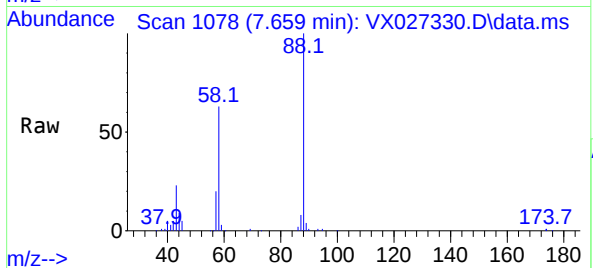
Ion	Ratio	Lower	Upper
88	100		
43	25.8	21.9	32.9
58	63.6	53.7	80.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/09/2022

Supervised By :Mahesh Dadoda 03/09/2022



#50

Toluene-d8

Concen: 34.704 ug/l

RT: 8.653 min Scan# 1241

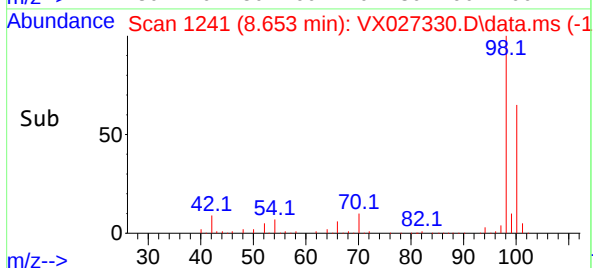
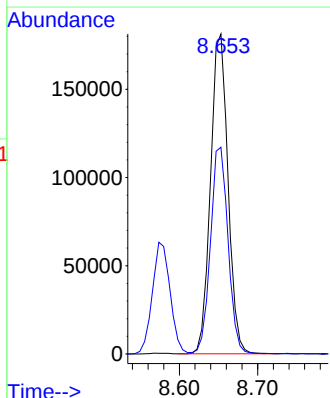
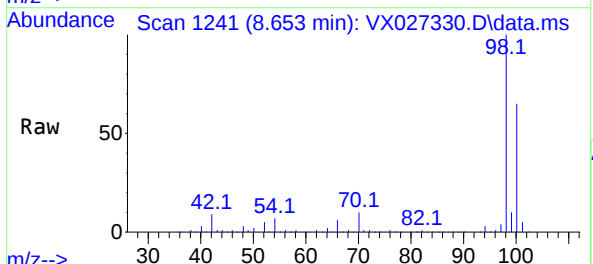
Delta R.T. 0.000 min

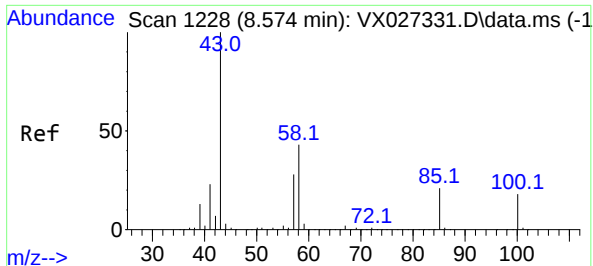
Lab File: VX027330.D

Acq: 08 Mar 2022 14:19

Tgt Ion: 98 Resp: 280280

Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.6	78.8





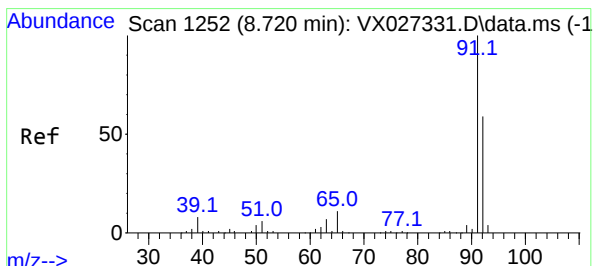
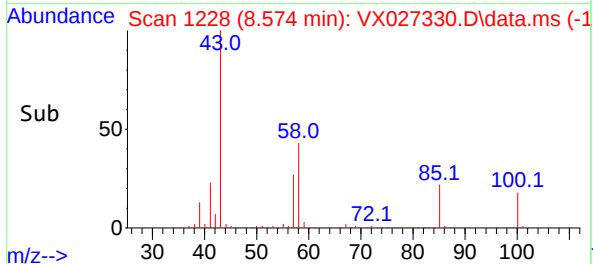
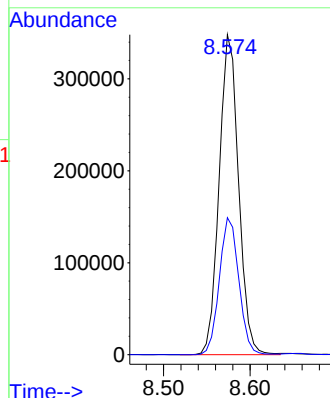
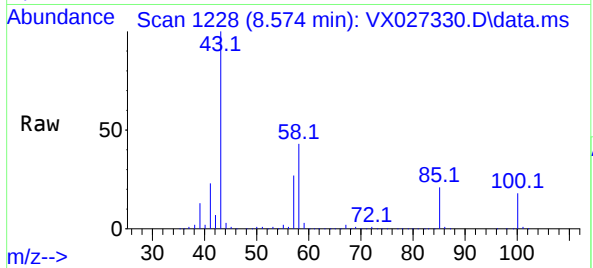
#51
4-Methyl-2-Pentanone
Concen: 133.092 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX027330.D
Acq: 08 Mar 2022 14:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 54172
Ion Ratio Lower Upper
43 100
58 43.0 36.1 54.1

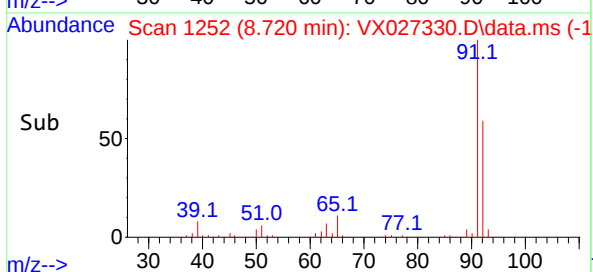
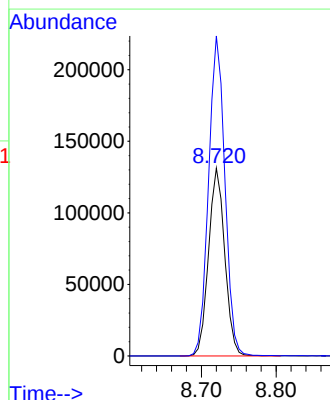
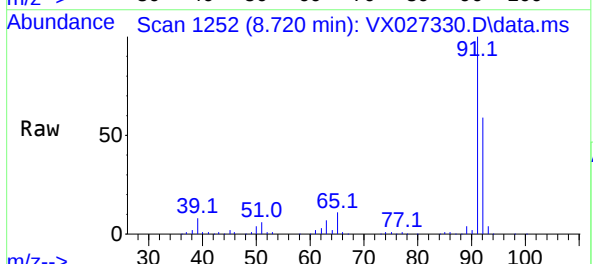
Manual Integrations
APPROVED

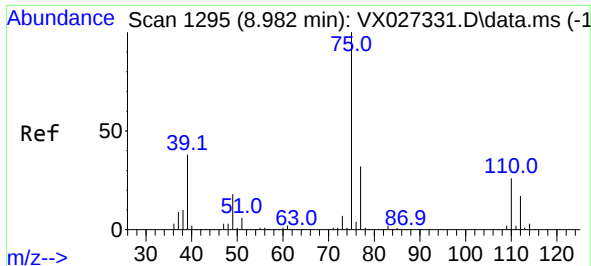
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022



#52
Toluene
Concen: 22.766 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX027330.D
Acq: 08 Mar 2022 14:19

Tgt Ion: 92 Resp: 197644
Ion Ratio Lower Upper
92 100
91 171.9 137.5 206.3





#53

t-1,3-Dichloropropene

Concen: 20.723 ug/l

RT: 8.982 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX027330.D

Acq: 08 Mar 2022 14:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 75 Resp: 10166

Ion Ratio Lower Upper

75 100

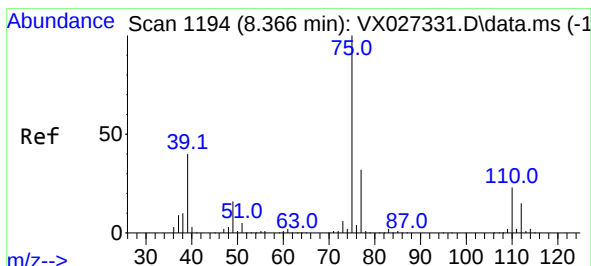
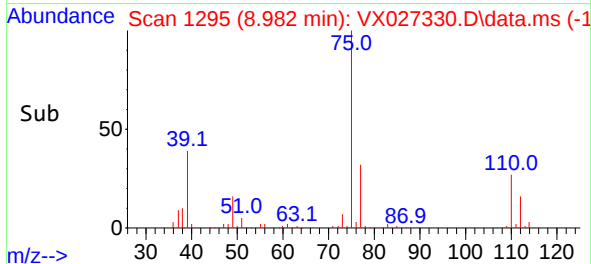
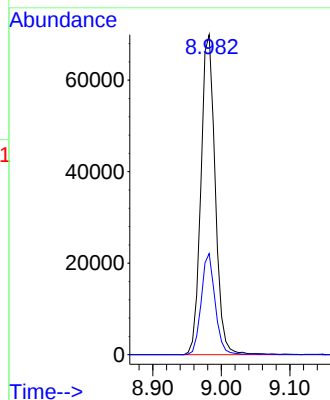
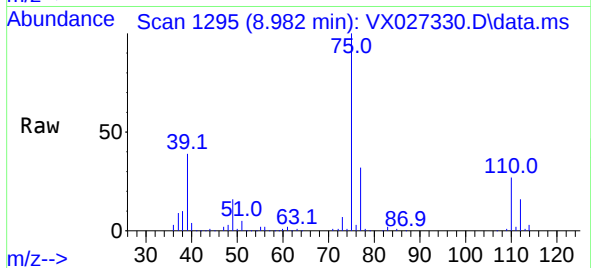
77 31.6 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/09/2022

Supervised By :Mahesh Dadoda 03/09/2022



#54

cis-1,3-Dichloropropene

Concen: 20.274 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX027330.D

Acq: 08 Mar 2022 14:19

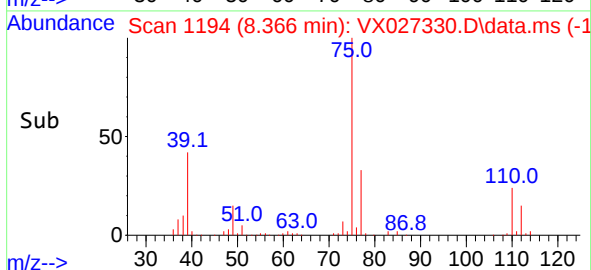
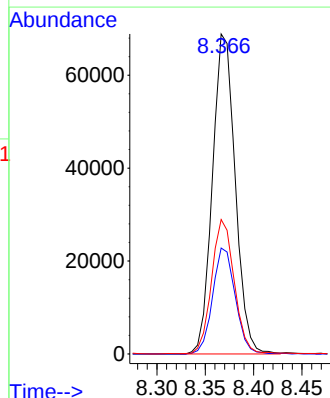
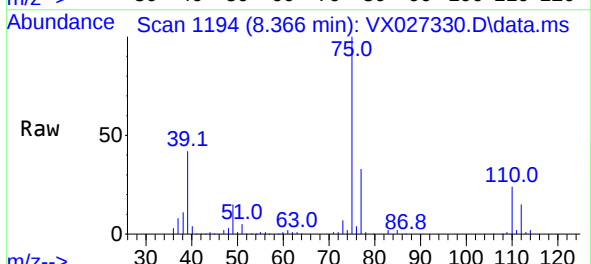
Tgt Ion: 75 Resp: 112901

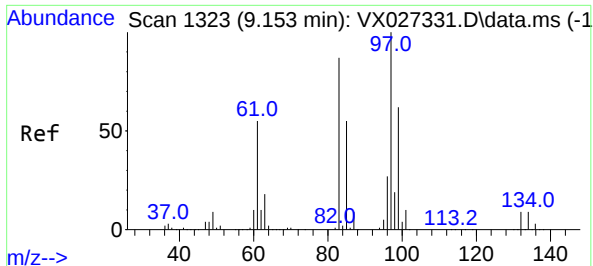
Ion Ratio Lower Upper

75 100

77 33.1 24.8 37.2

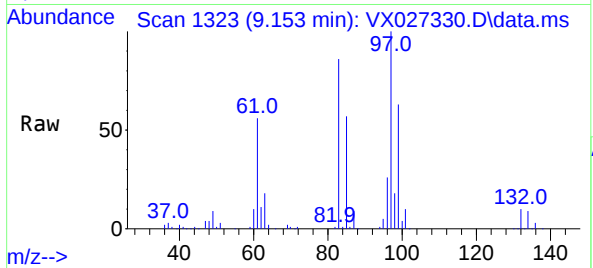
39 41.9 29.6 44.4





#55
1,1,2-Trichloroethane
Concen: 21.692 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX027330.D
Acq: 08 Mar 2022 14:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

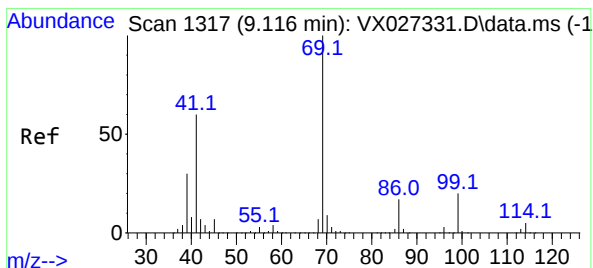
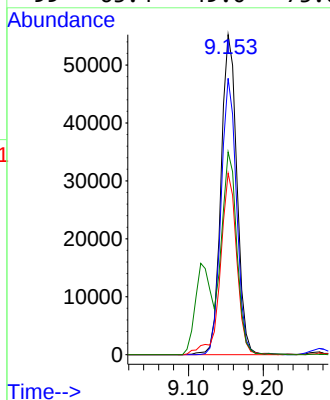
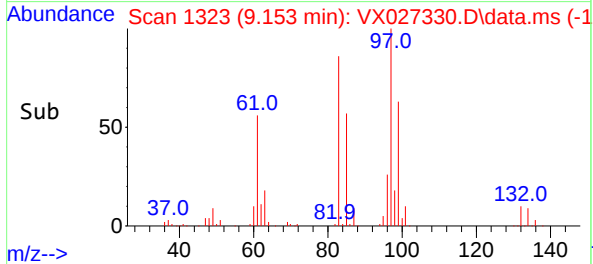


Tgt Ion: 97 Resp: 8164

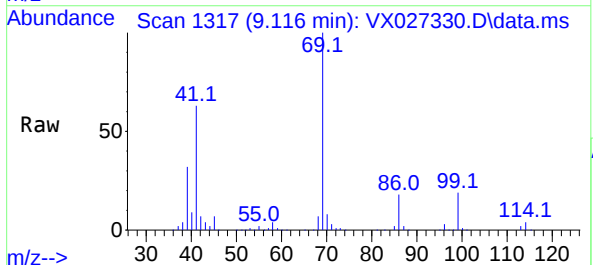
Ion	Ratio	Lower	Upper
97	100		
83	86.4	66.2	99.4
85	56.7	42.9	64.3
99	63.4	49.0	73.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022

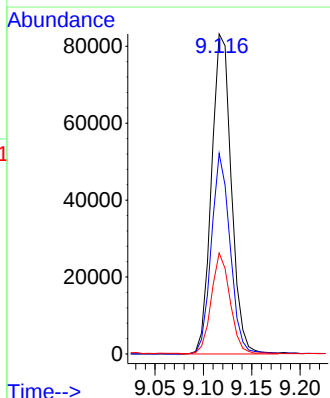
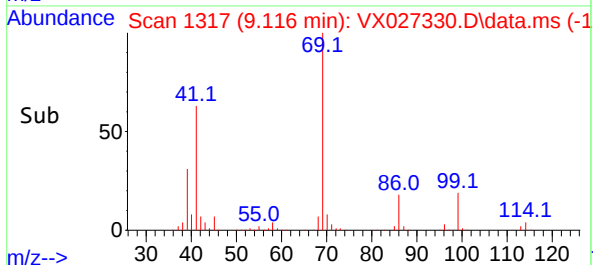


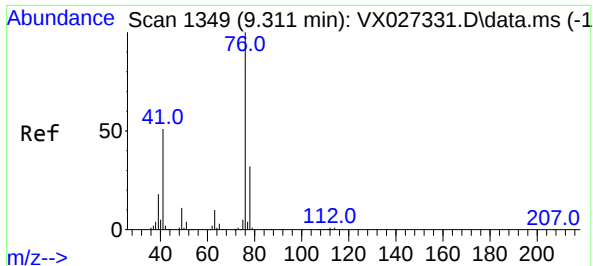
#56
Ethyl methacrylate
Concen: 25.686 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX027330.D
Acq: 08 Mar 2022 14:19



Tgt Ion: 69 Resp: 118536

Ion	Ratio	Lower	Upper
69	100		
41	59.6	43.8	65.6
39	29.7	22.2	33.2





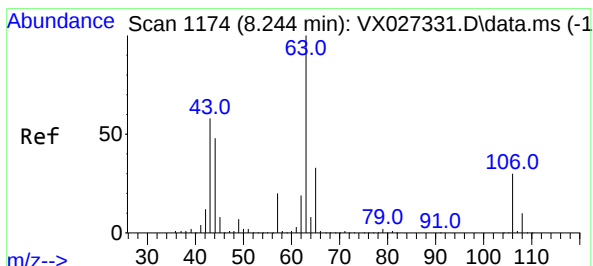
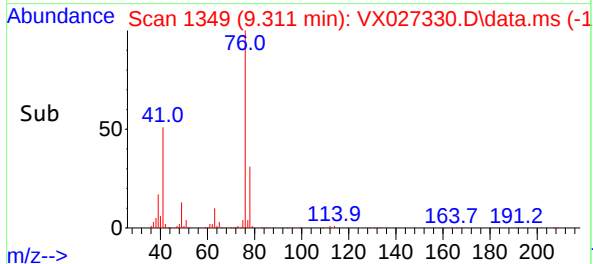
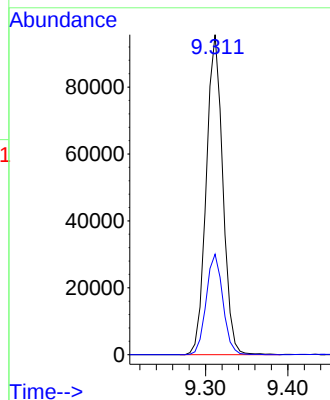
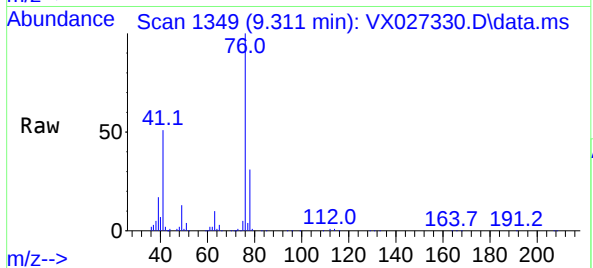
#57
1,3-Dichloropropane
Concen: 21.550 ug/l
RT: 9.311 min Scan# 1134
Delta R.T. 0.000 min
Lab File: VX027330.D
Acq: 08 Mar 2022 14:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 76 Resp: 13338
Ion Ratio Lower Upper
76 100
78 31.7 25.8 38.8

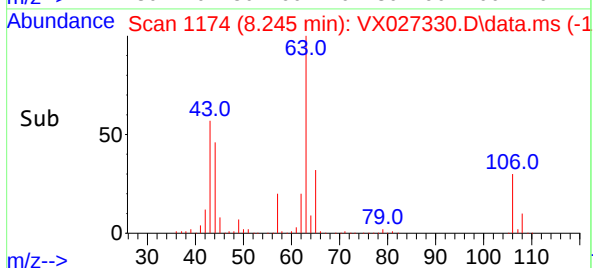
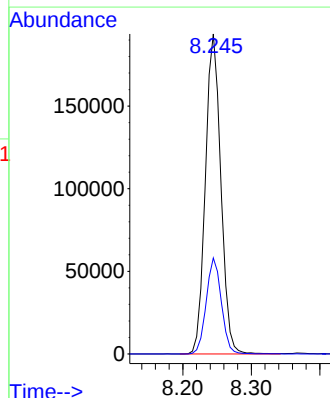
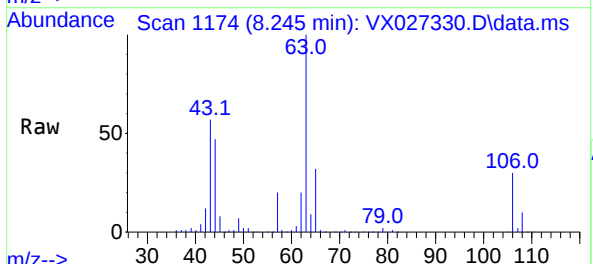
Manual Integrations
APPROVED

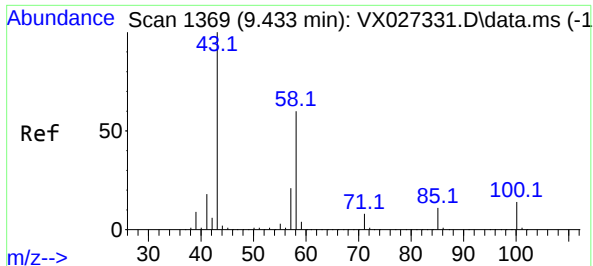
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022



#58
2-Chloroethyl Vinyl ether
Concen: 117.389 ug/l
RT: 8.245 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX027330.D
Acq: 08 Mar 2022 14:19

Tgt Ion: 63 Resp: 304007
Ion Ratio Lower Upper
63 100
106 29.3 23.9 35.9





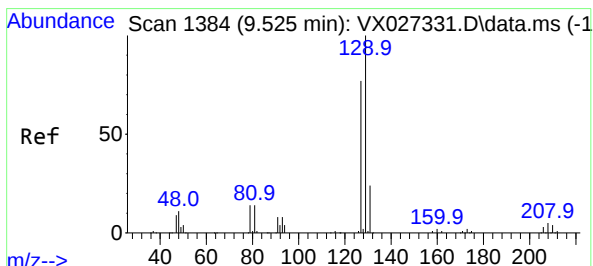
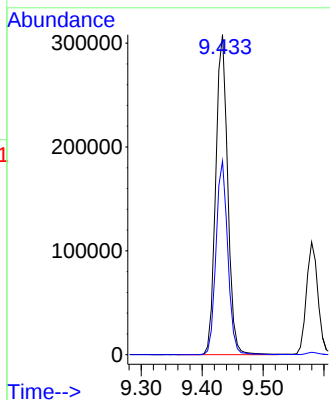
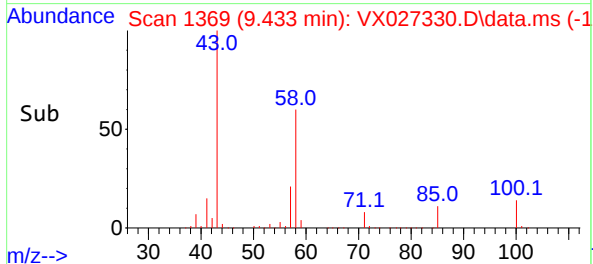
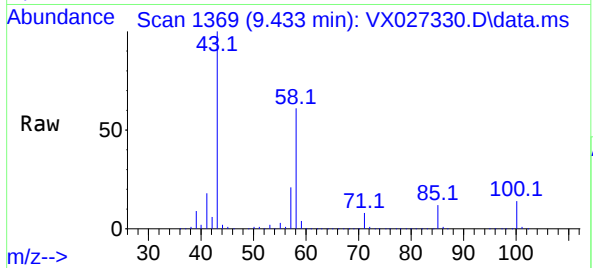
#59
2-Hexanone
Concen: 138.605 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX027330.D
Acq: 08 Mar 2022 14:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 42070
Ion Ratio Lower Upper
43 100
58 59.6 31.9 95.7

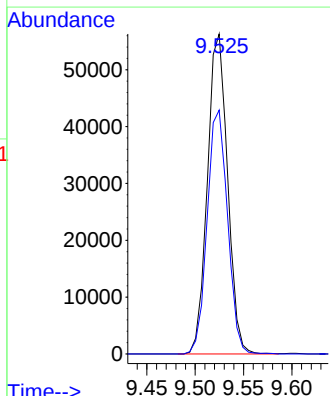
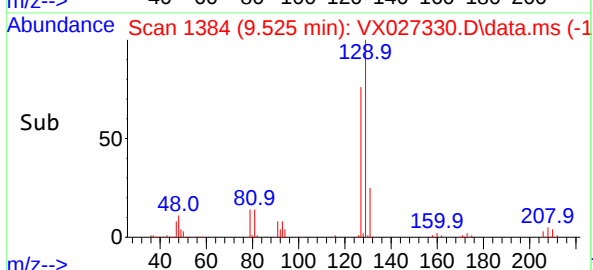
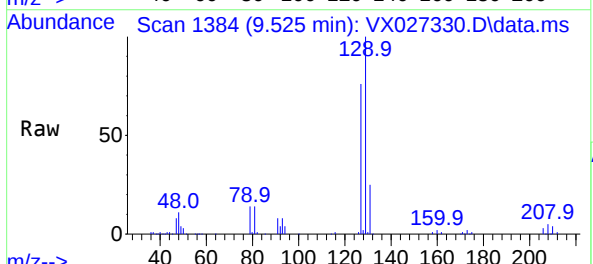
Manual Integrations
APPROVED

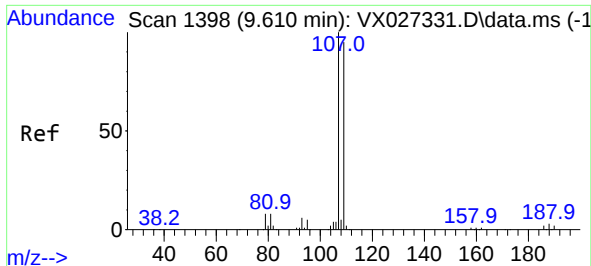
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022



#60
Dibromochloromethane
Concen: 20.127 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX027330.D
Acq: 08 Mar 2022 14:19

Tgt Ion:129 Resp: 81695
Ion Ratio Lower Upper
129 100
127 77.2 40.3 120.8





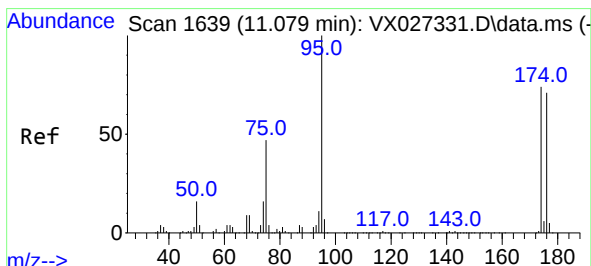
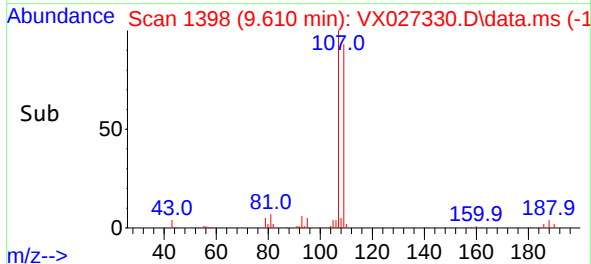
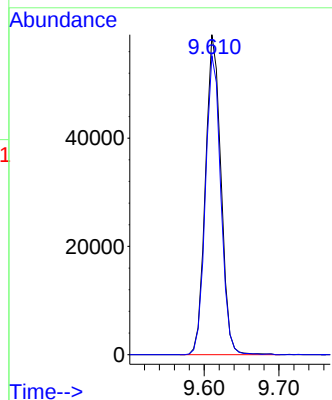
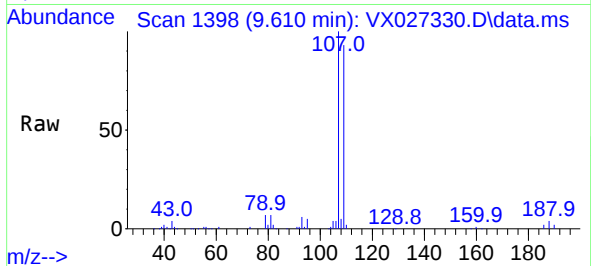
#61
1,2-Dibromoethane
Concen: 22.189 ug/l
RT: 9.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027330.D
Acq: 08 Mar 2022 14:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:107 Resp: 85010
Ion Ratio Lower Upper
107 100
109 92.8 74.4 111.6

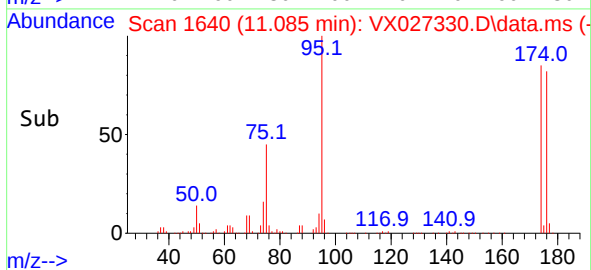
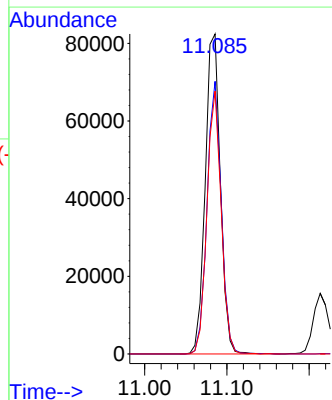
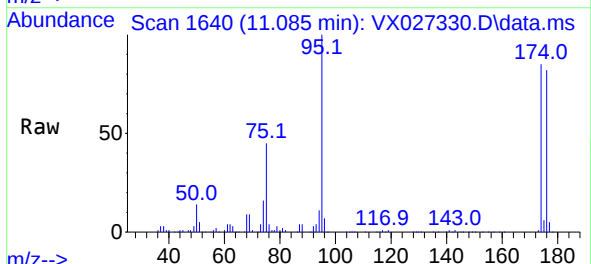
Manual Integrations
APPROVED

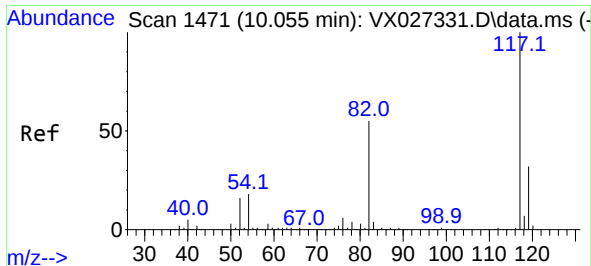
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022



#62
4-Bromofluorobenzene
Concen: 35.660 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX027330.D
Acq: 08 Mar 2022 14:19

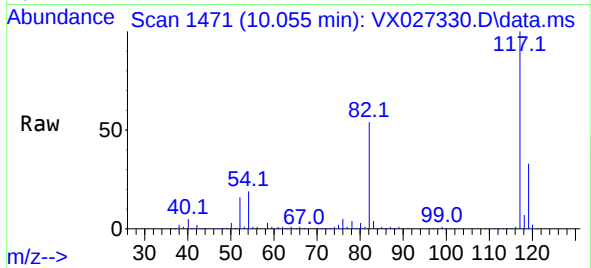
Tgt Ion: 95 Resp: 105333
Ion Ratio Lower Upper
95 100
174 80.1 0.0 163.0
176 77.2 0.0 155.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027330.D
Acq: 08 Mar 2022 14:19

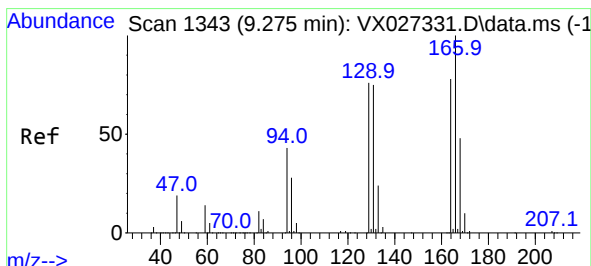
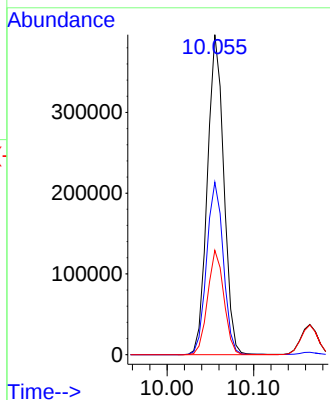
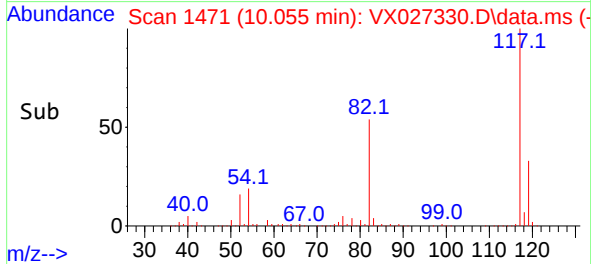
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



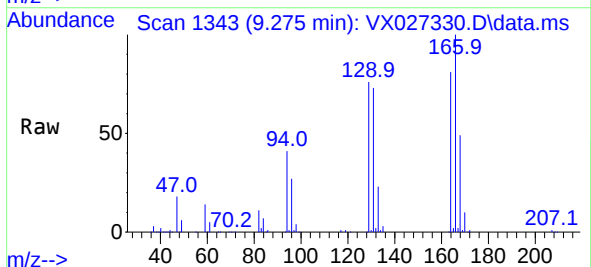
Tgt Ion:117 Resp: 52201
Ion Ratio Lower Upper
117 100
82 53.9 41.8 62.8
119 32.6 24.8 37.2

Manual Integrations
APPROVED

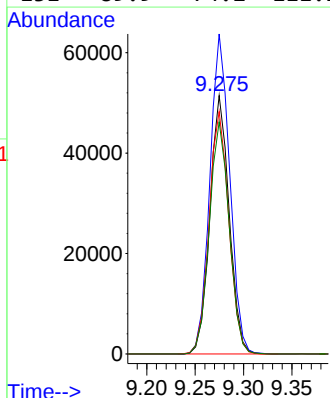
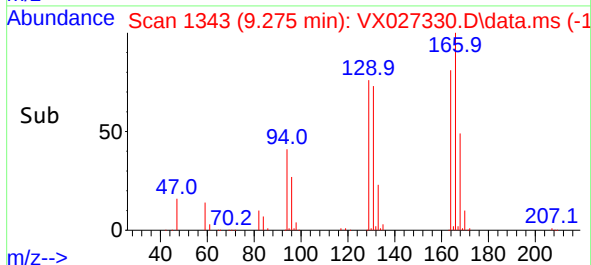
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022

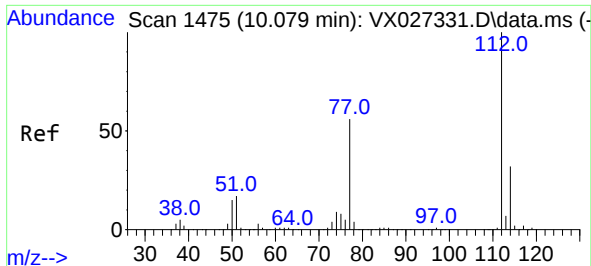


#64
Tetrachloroethene
Concen: 21.417 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX027330.D
Acq: 08 Mar 2022 14:19



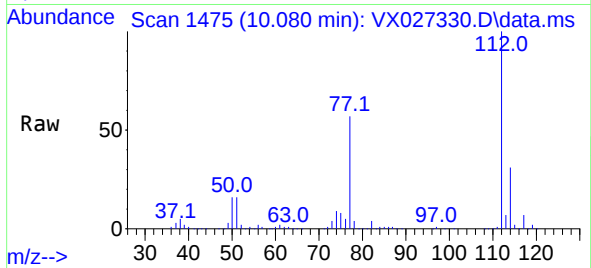
Tgt Ion:164 Resp: 71408
Ion Ratio Lower Upper
164 100
166 123.9 101.2 151.8
129 93.8 73.0 109.4
131 89.9 74.2 111.2





#65
Chlorobenzene
Concen: 22.674 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX027330.D
Acq: 08 Mar 2022 14:19

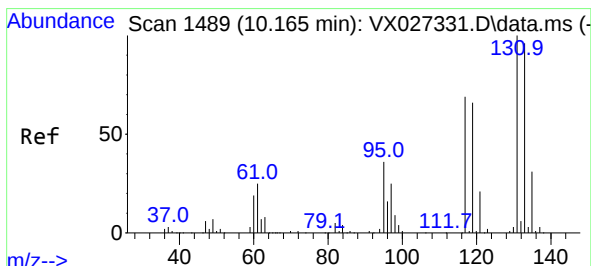
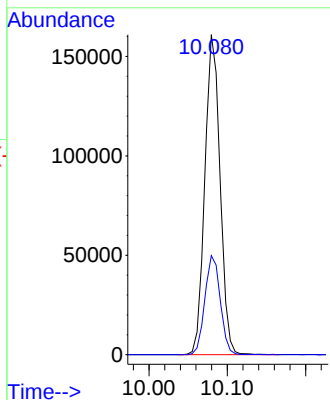
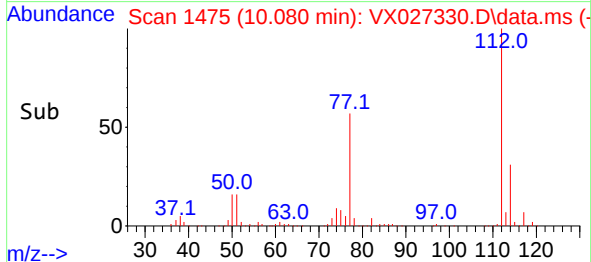
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



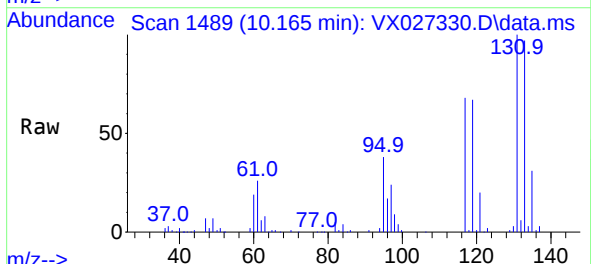
Tgt Ion:112 Resp: 216460
Ion Ratio Lower Upper
112 100
114 30.9 25.8 38.8

Manual Integrations
APPROVED

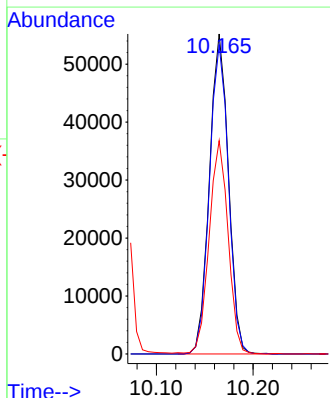
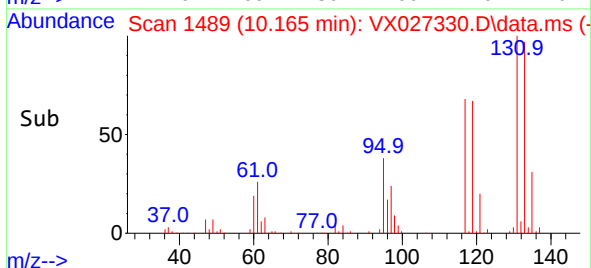
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022

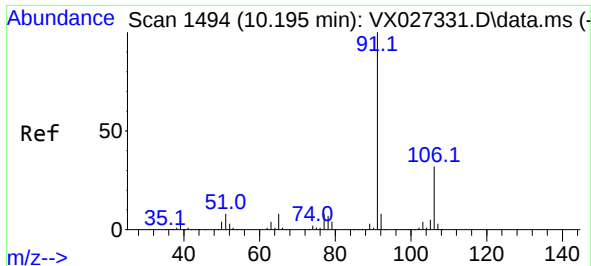


#66
1,1,1,2-Tetrachloroethane
Concen: 21.137 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX027330.D
Acq: 08 Mar 2022 14:19



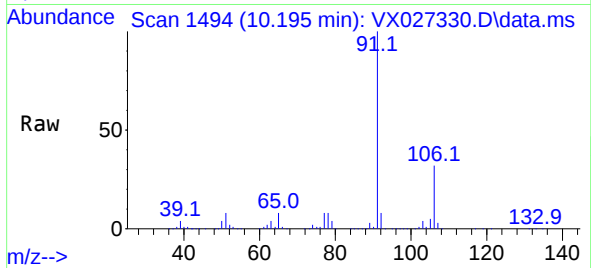
Tgt Ion:131 Resp: 75444
Ion Ratio Lower Upper
131 100
133 96.6 48.3 144.8
119 66.5 32.6 98.0





#67
Ethyl Benzene
Concen: 24.165 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX027330.D
Acq: 08 Mar 2022 14:19

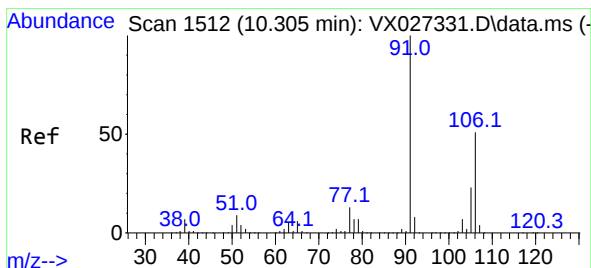
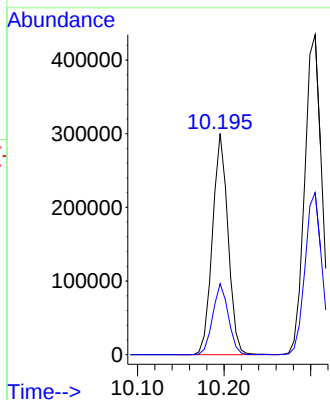
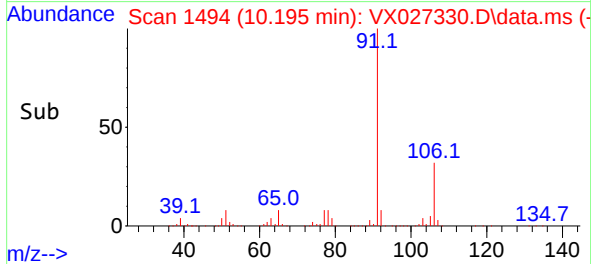
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



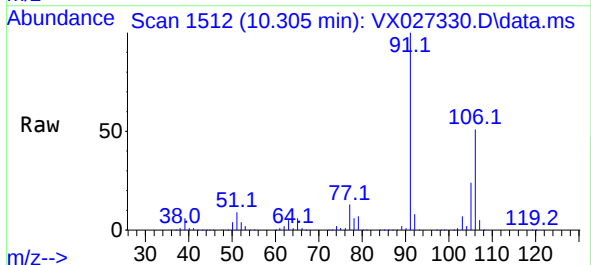
Tgt Ion: 91 Resp: 37426
Ion Ratio Lower Upper
91 100
106 32.1 24.6 36.8

Manual Integrations
APPROVED

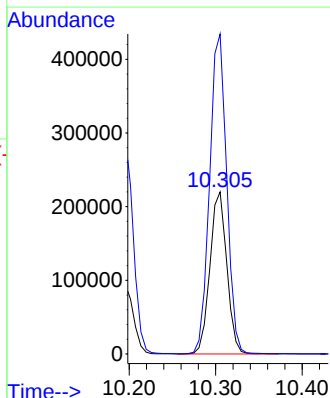
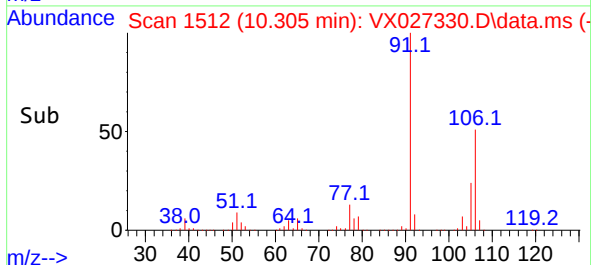
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022

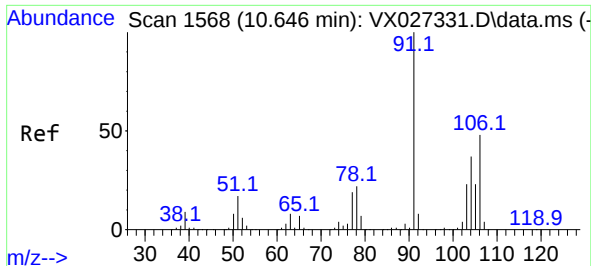


#68
m/p-Xylenes
Concen: 50.715 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX027330.D
Acq: 08 Mar 2022 14:19



Tgt Ion:106 Resp: 297079
Ion Ratio Lower Upper
106 100
91 200.0 160.4 240.6





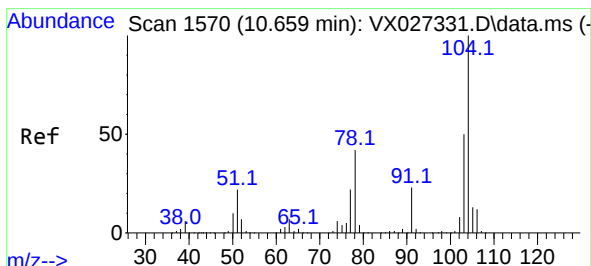
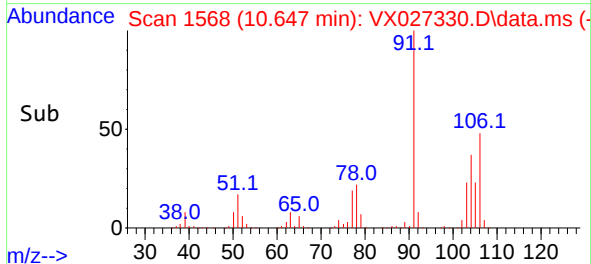
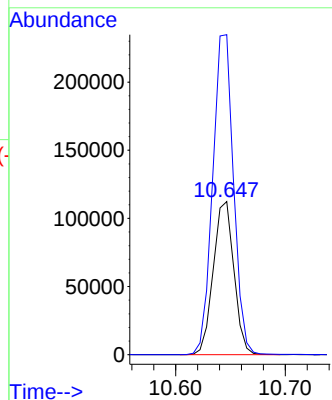
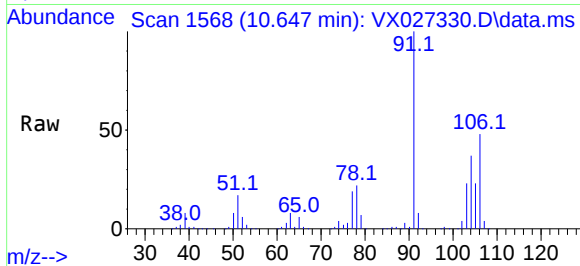
#69
o-Xylene
Concen: 26.449 ug/l
RT: 10.647 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX027330.D
Acq: 08 Mar 2022 14:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 147145
Ion Ratio Lower Upper
106 100
91 211.3 106.1 318.1

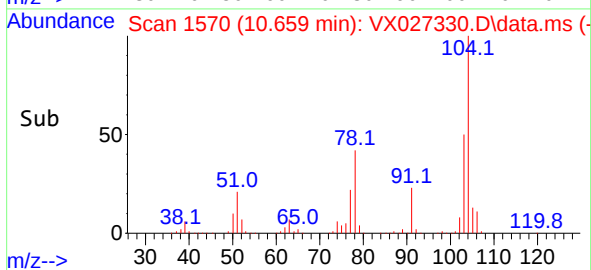
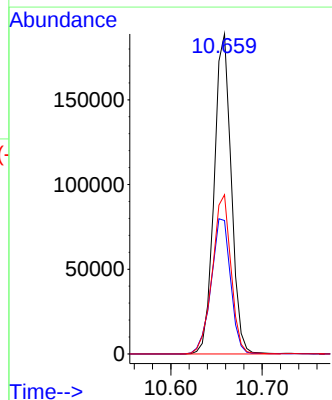
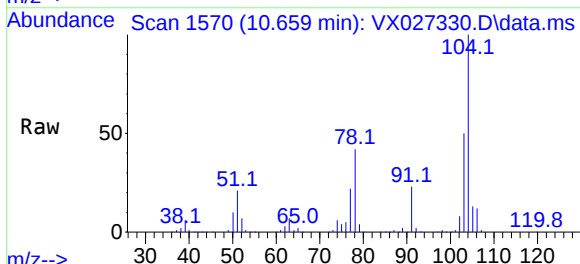
Manual Integrations
APPROVED

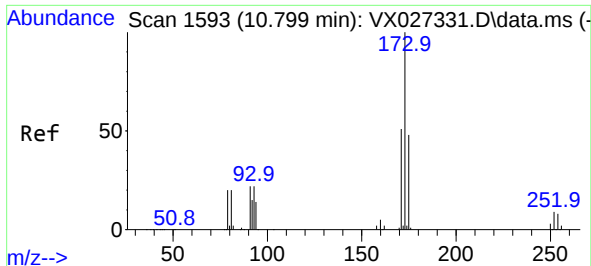
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022



#70
Styrene
Concen: 26.525 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX027330.D
Acq: 08 Mar 2022 14:19

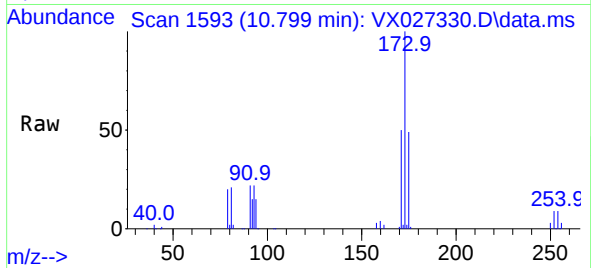
Tgt Ion:104 Resp: 245221
Ion Ratio Lower Upper
104 100
78 48.2 38.6 57.8
103 54.2 43.8 65.8





#71
Bromoform
Concen: 21.083 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX027330.D
Acq: 08 Mar 2022 14:19

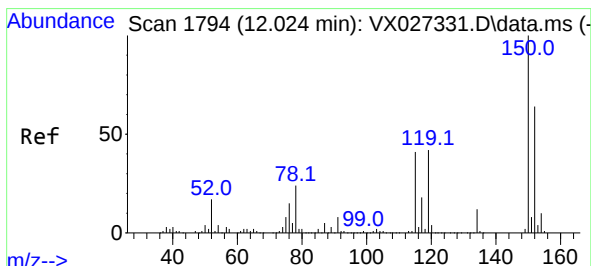
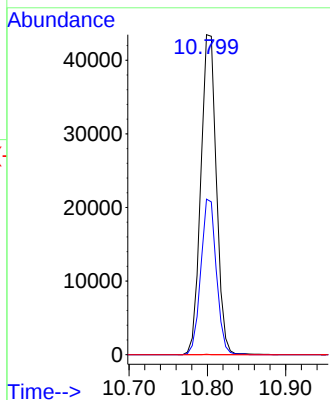
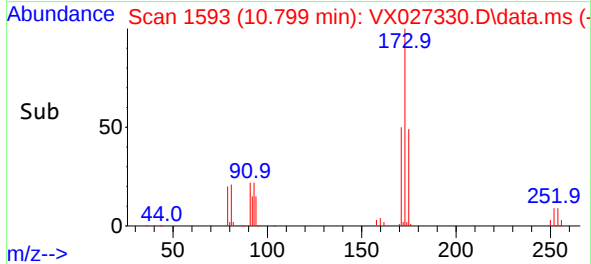
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



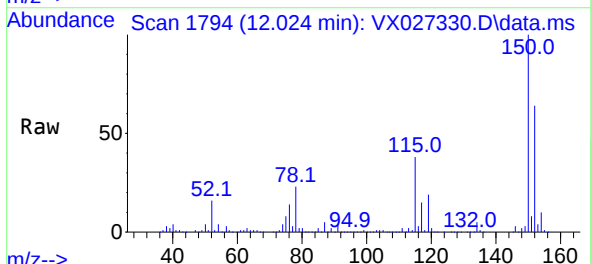
Tgt Ion:173 Resp: 60159
Ion Ratio Lower Upper
173 100
175 48.4 24.1 72.2
254 0.0 0.1 0.1

Manual Integrations
APPROVED

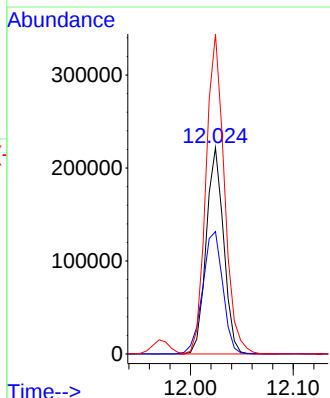
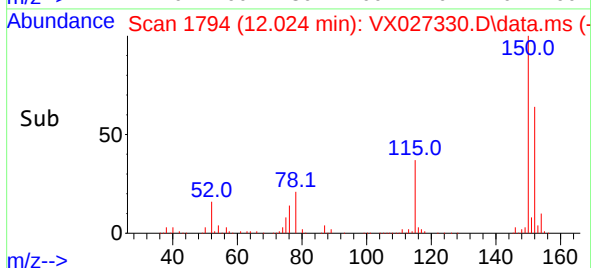
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022

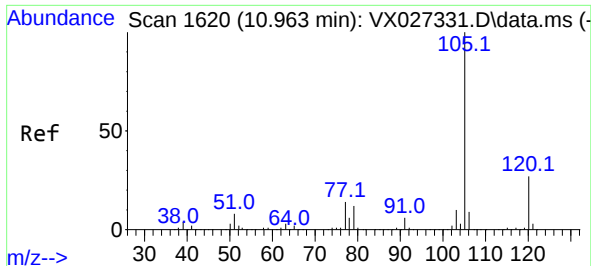


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027330.D
Acq: 08 Mar 2022 14:19



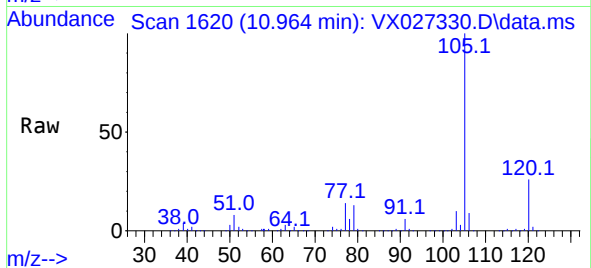
Tgt Ion:152 Resp: 261020
Ion Ratio Lower Upper
152 100
115 68.6 37.5 112.7
150 163.9 0.0 338.2





#73
Isopropylbenzene
Concen: 26.161 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX027330.D
Acq: 08 Mar 2022 14:19

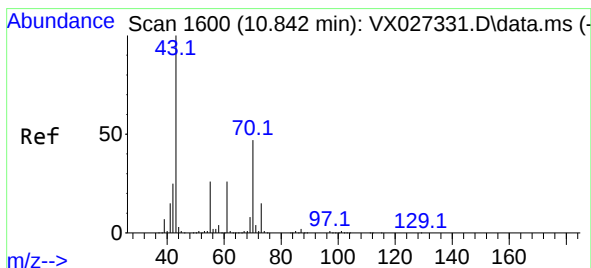
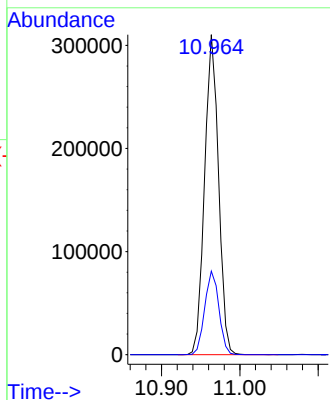
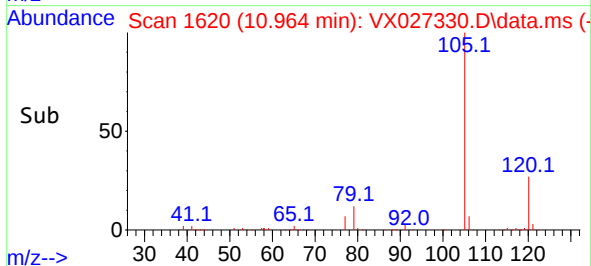
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



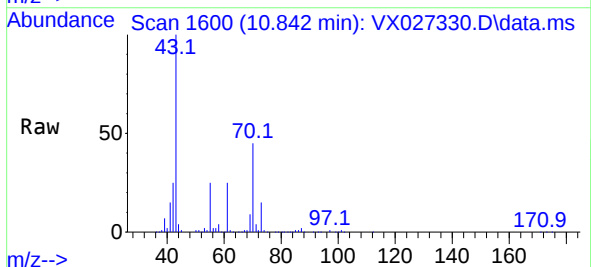
Tgt Ion:105 Resp: 381978
Ion Ratio Lower Upper
105 100
120 26.6 13.5 40.5

Manual Integrations
APPROVED

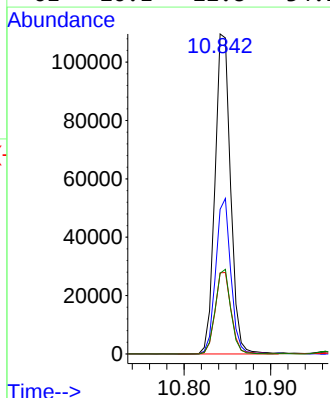
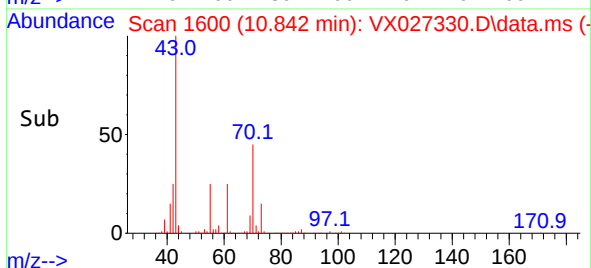
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022

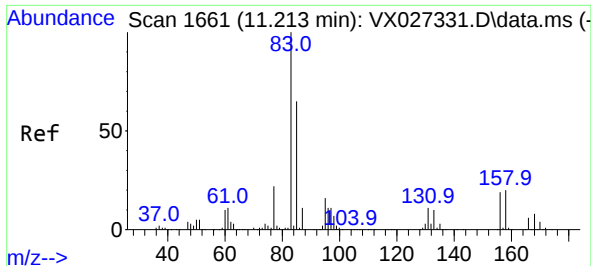


#74
N-ethyl acetate
Concen: 26.902 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX027330.D
Acq: 08 Mar 2022 14:19



Tgt Ion: 43 Resp: 137241
Ion Ratio Lower Upper
43 100
70 47.0 42.5 63.7
55 26.3 23.1 34.7
61 26.1 22.8 34.2





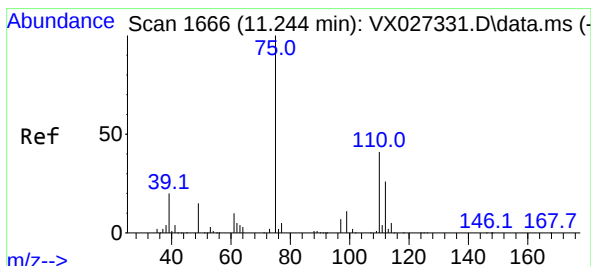
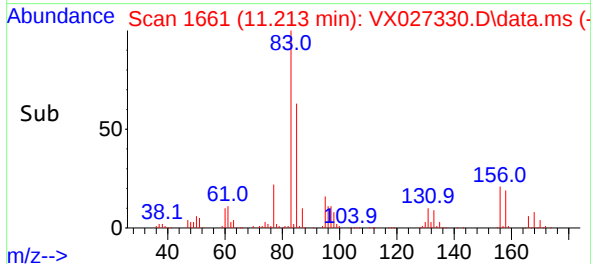
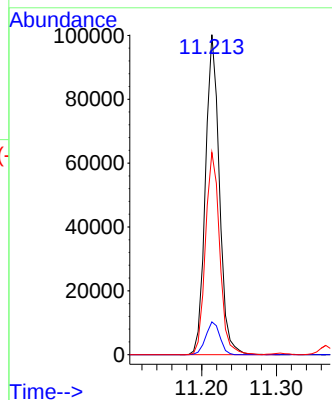
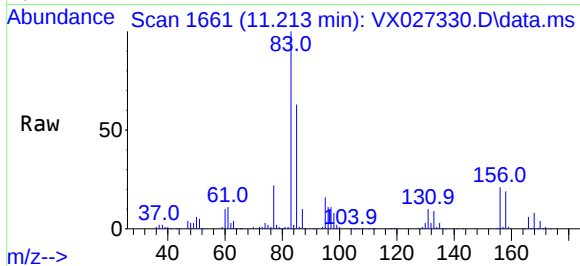
#75
1,1,2,2-Tetrachloroethane
Concen: 23.133 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX027330.D
Acq: 08 Mar 2022 14:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 12930
Ion Ratio Lower Upper
83 100
131 10.4 5.1 15.3
85 64.6 32.6 97.7

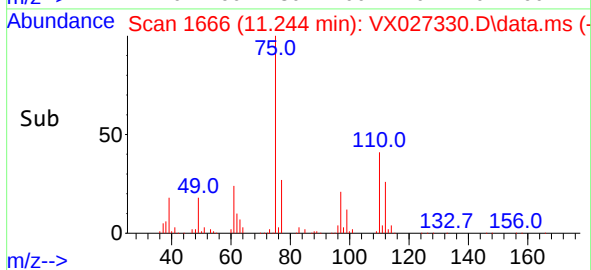
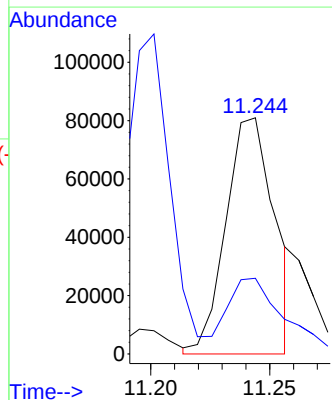
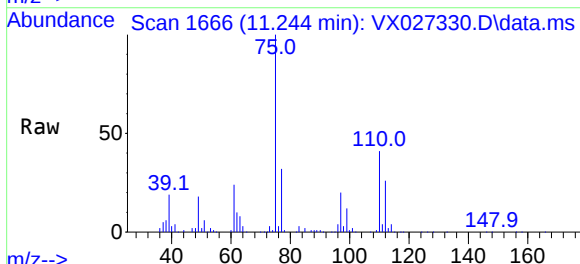
Manual Integrations
APPROVED

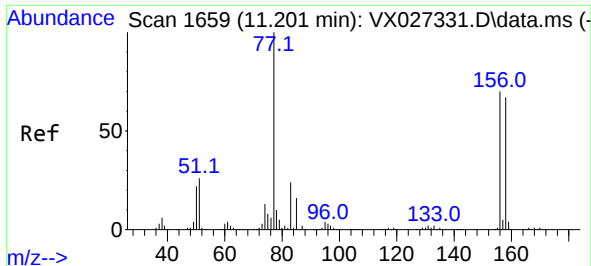
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022



#76
1,2,3-Trichloropropane
Concen: 23.839 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VX027330.D
Acq: 08 Mar 2022 14:19

Tgt Ion: 75 Resp: 115211
Ion Ratio Lower Upper
75 100
77 38.6 19.4 58.2





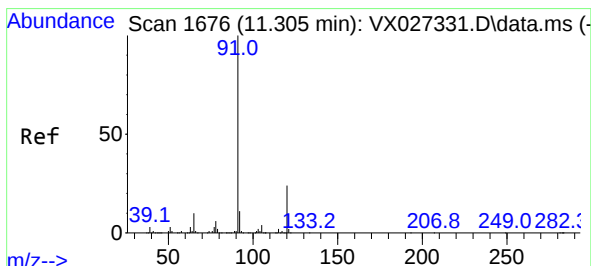
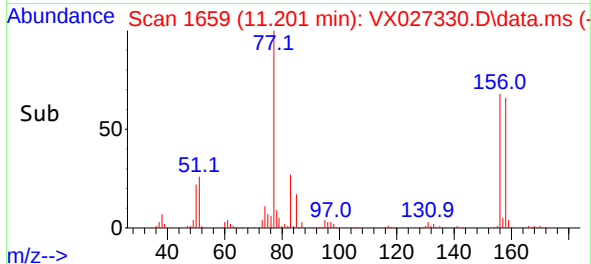
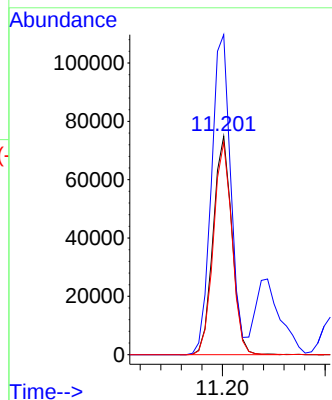
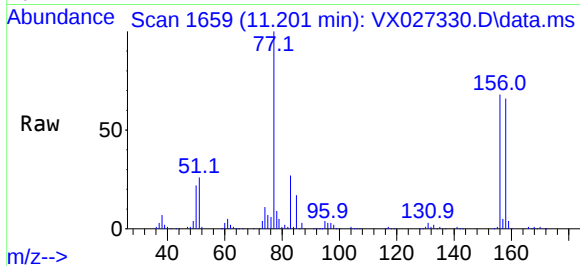
#77
Bromobenzene
Concen: 23.910 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX027330.D
Acq: 08 Mar 2022 14:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:156 Resp: 9515
Ion Ratio Lower Upper
156 100
77 149.8 78.5 235.3
158 95.5 50.2 150.7

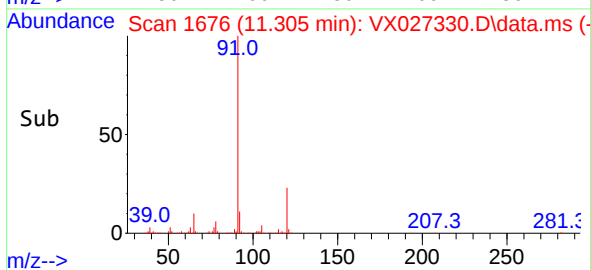
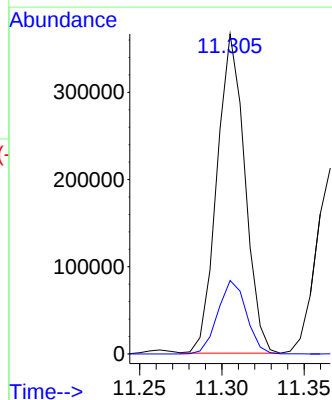
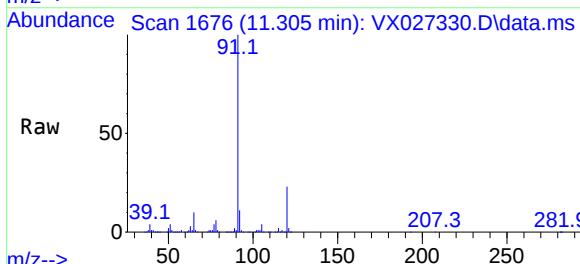
Manual Integrations
APPROVED

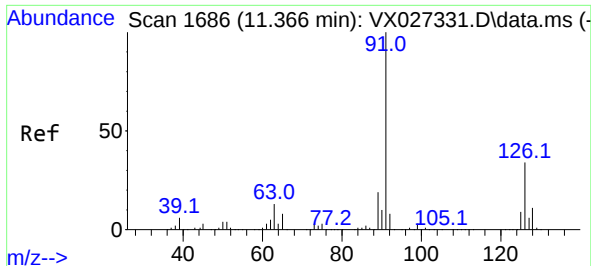
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022



#78
n-propylbenzene
Concen: 26.131 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX027330.D
Acq: 08 Mar 2022 14:19

Tgt Ion: 91 Resp: 431830
Ion Ratio Lower Upper
91 100
120 23.5 11.6 34.8





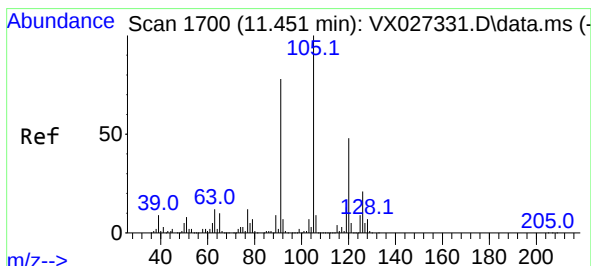
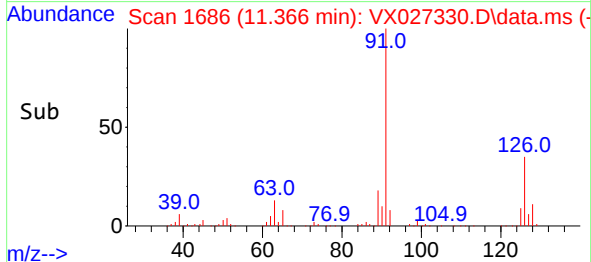
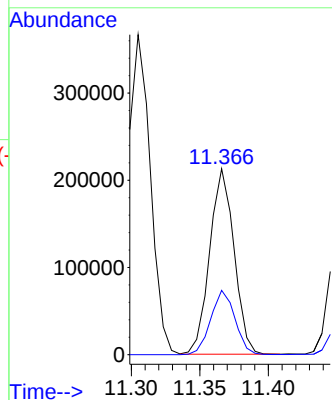
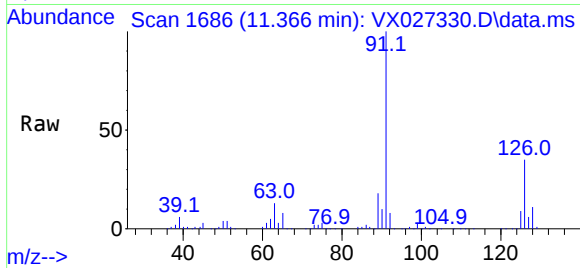
#79
2-Chlorotoluene
Concen: 25.423 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX027330.D
Acq: 08 Mar 2022 14:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 26293
Ion Ratio Lower Upper
91 100
126 34.6 17.3 51.9

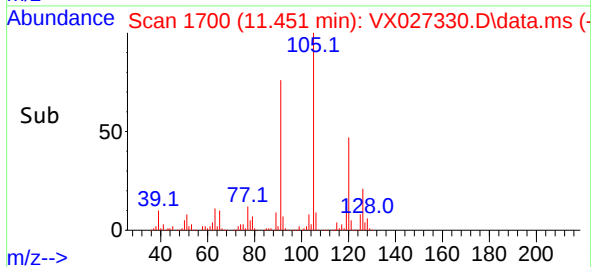
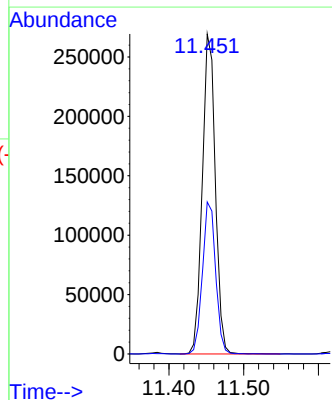
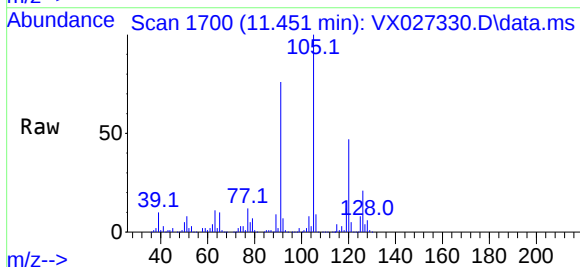
Manual Integrations
APPROVED

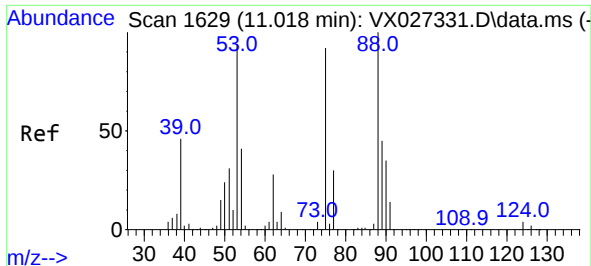
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022



#80
1,3,5-Trimethylbenzene
Concen: 27.030 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX027330.D
Acq: 08 Mar 2022 14:19

Tgt Ion:105 Resp: 325666
Ion Ratio Lower Upper
105 100
120 48.1 24.3 72.9





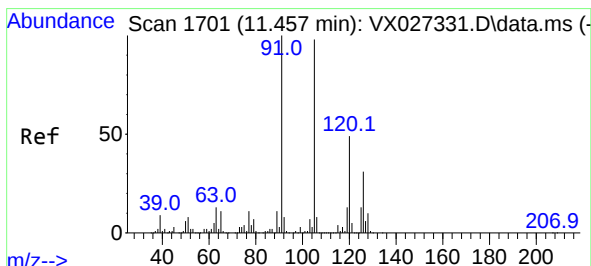
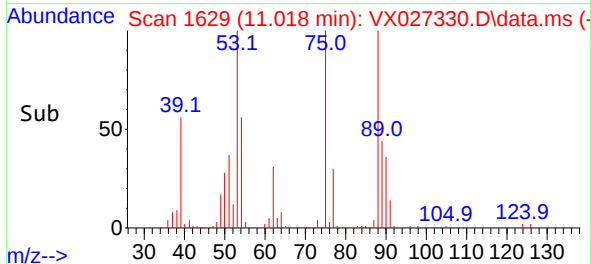
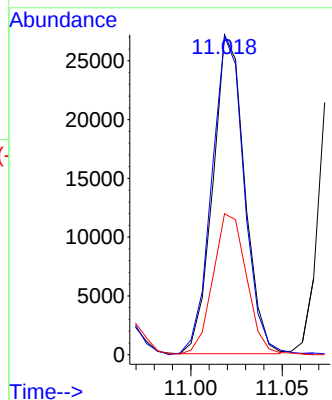
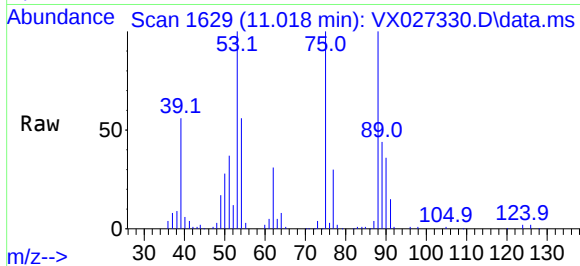
#81
trans-1,4-Dichloro-2-butene
Concen: 22.783 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX027330.D
Acq: 08 Mar 2022 14:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 32784
Ion Ratio Lower Upper
75 100
53 102.8 69.0 103.4
89 46.8 37.0 55.6

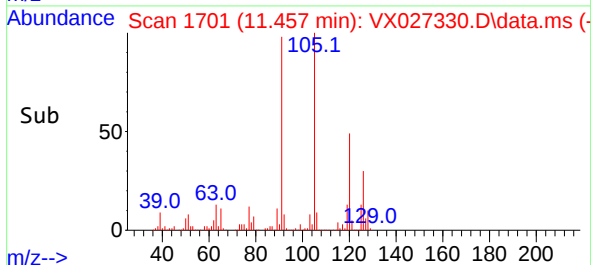
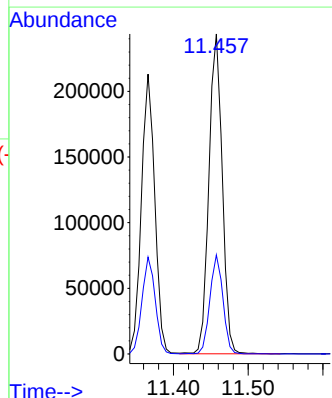
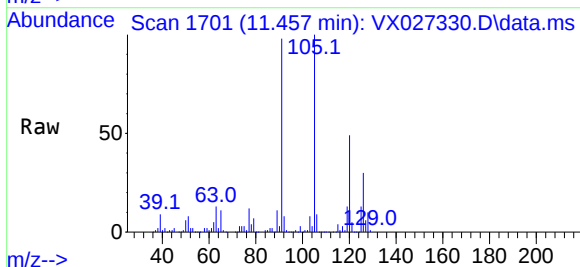
Manual Integrations
APPROVED

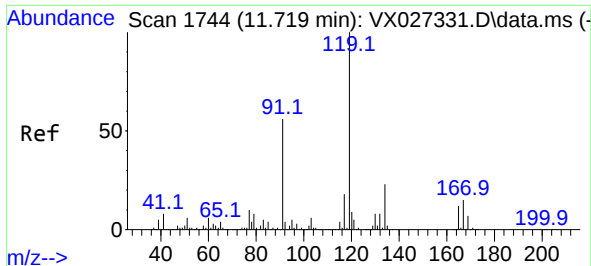
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022



#82
4-Chlorotoluene
Concen: 25.484 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX027330.D
Acq: 08 Mar 2022 14:19

Tgt Ion: 91 Resp: 301926
Ion Ratio Lower Upper
91 100
126 30.3 14.9 44.5





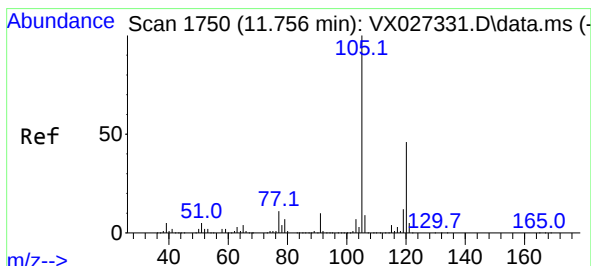
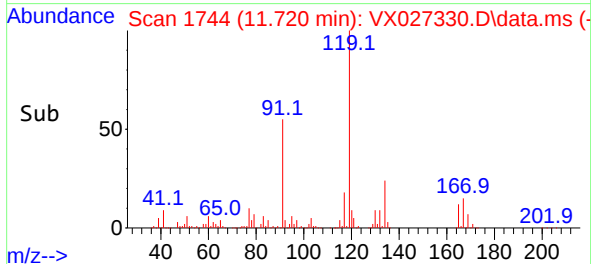
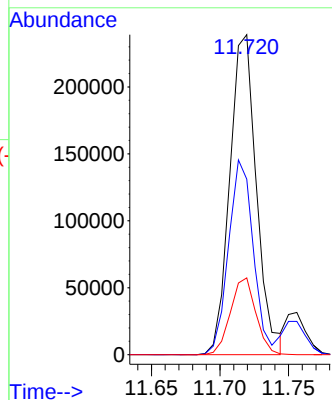
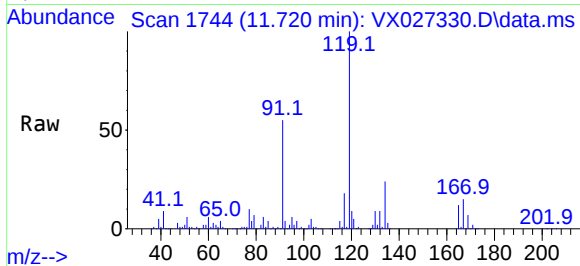
#83
tert-Butylbenzene
Concen: 26.456 ug/l
RT: 11.720 min Scan# 11744
Delta R.T. 0.000 min
Lab File: VX027330.D
Acq: 08 Mar 2022 14:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:119 Resp: 323840
Ion Ratio Lower Upper
119 100
91 56.4 26.9 80.6
134 22.9 11.4 34.2

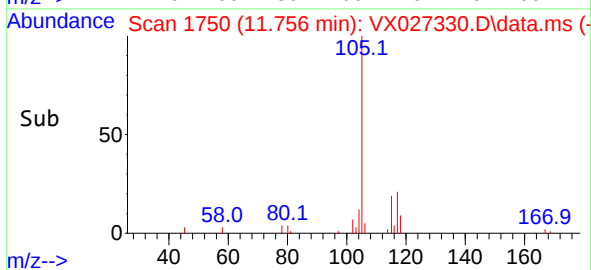
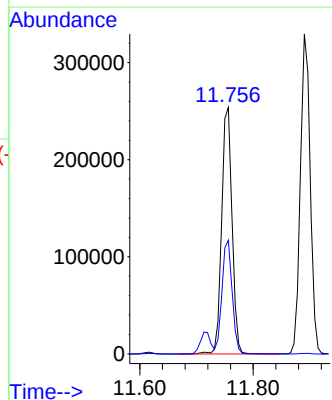
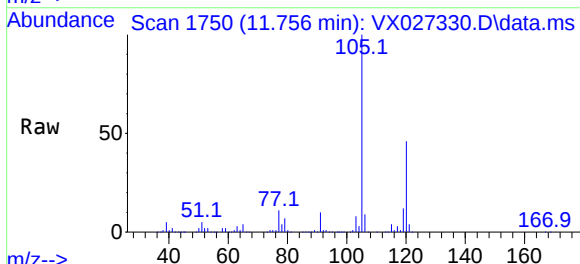
Manual Integrations
APPROVED

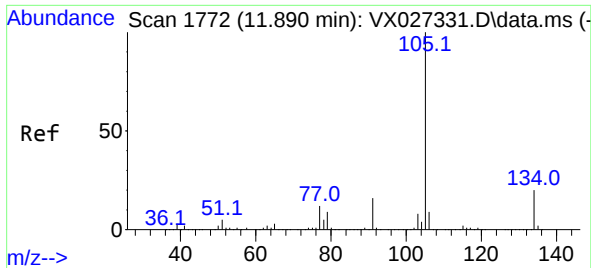
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022



#84
1,2,4-Trimethylbenzene
Concen: 26.696 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX027330.D
Acq: 08 Mar 2022 14:19

Tgt Ion:105 Resp: 322115
Ion Ratio Lower Upper
105 100
120 45.1 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 28.263 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX027330.D
 Acq: 08 Mar 2022 14:19

Instrument :

MSVOA_X

ClientSampleId :

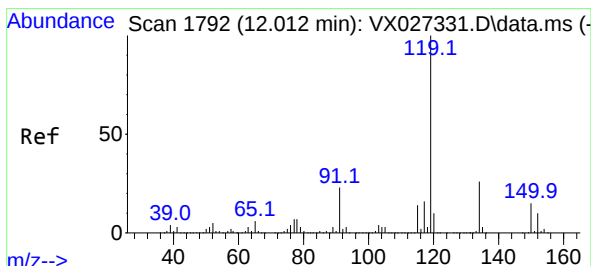
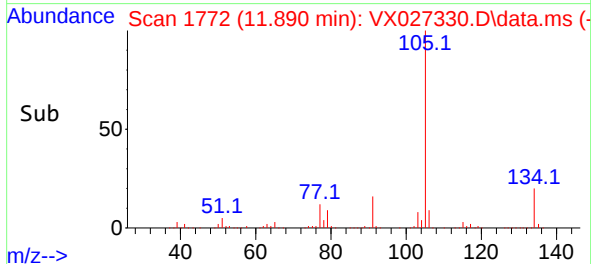
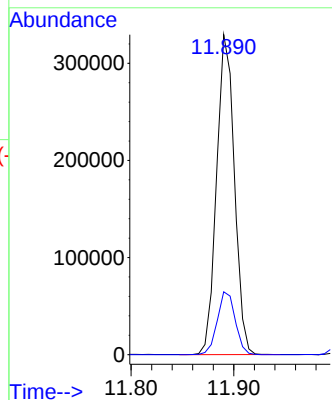
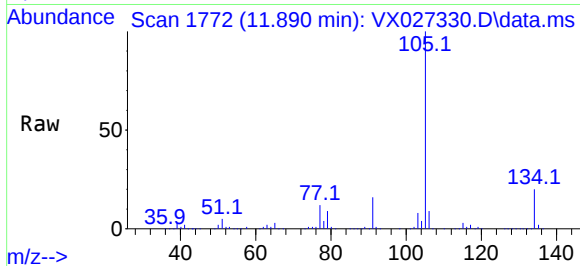
VSTDICC020

Tgt Ion:105 Resp: 395519
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.2 30.4

Manual Integrations

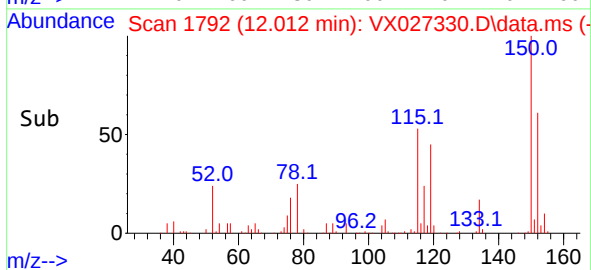
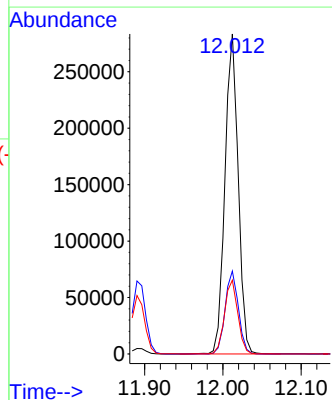
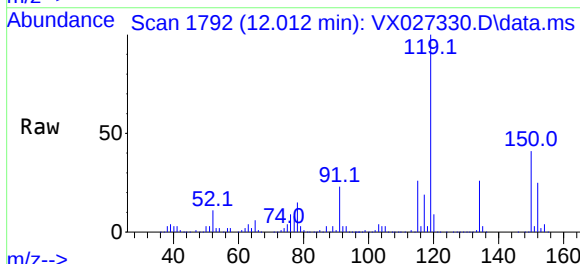
APPROVED

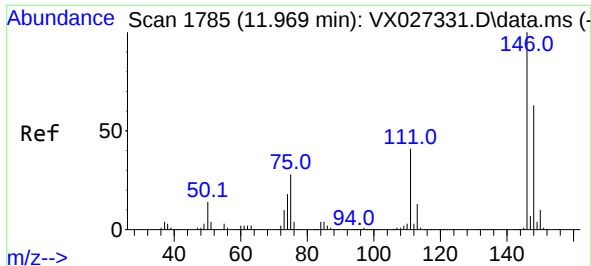
Reviewed By :John Carlone 03/09/2022
 Supervised By :Mahesh Dadoda 03/09/2022



#86
 p-Isopropyltoluene
 Concen: 26.372 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX027330.D
 Acq: 08 Mar 2022 14:19

Tgt Ion:119 Resp: 333980
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.0 39.0
 91 23.2 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 24.146 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX027330.D

Acq: 08 Mar 2022 14:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion:146 Resp: 175940

Ion Ratio Lower Upper

146 100

111 40.7 19.7 59.1

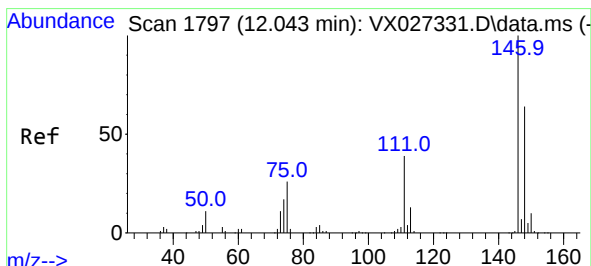
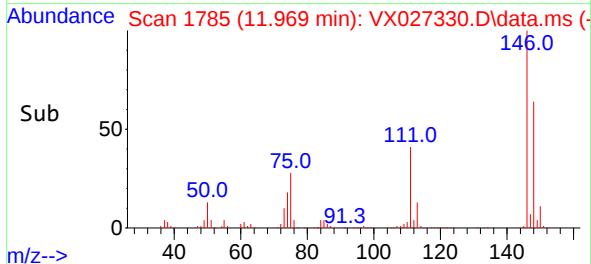
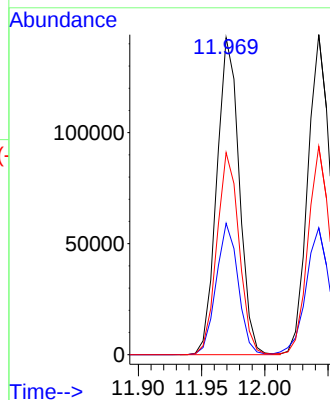
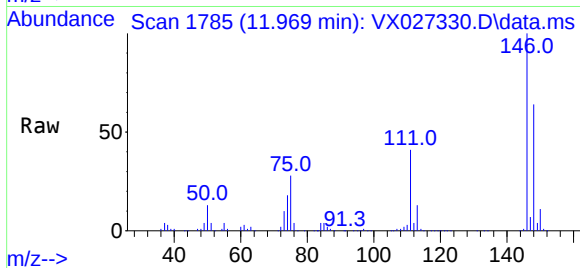
148 63.1 31.6 94.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/09/2022

Supervised By :Mahesh Dadoda 03/09/2022



#88

1,4-Dichlorobenzene

Concen: 23.517 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX027330.D

Acq: 08 Mar 2022 14:19

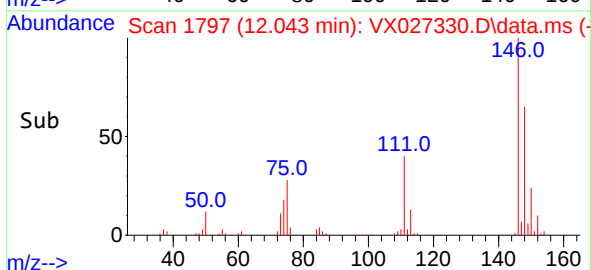
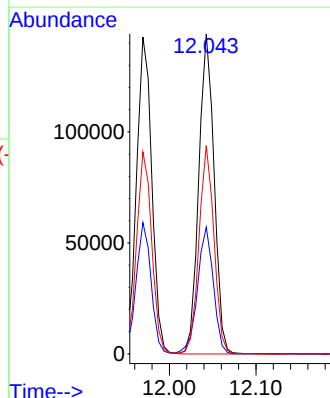
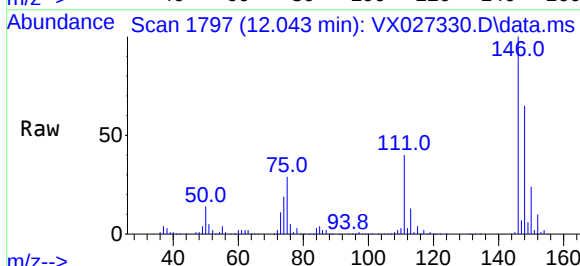
Tgt Ion:146 Resp: 177410

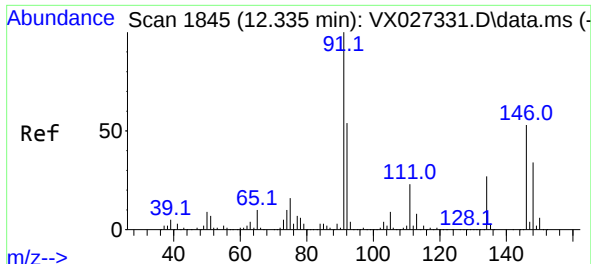
Ion Ratio Lower Upper

146 100

111 40.9 19.2 57.6

148 63.8 32.3 96.9





#89

n-Butylbenzene

Concen: 24.983 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX027330.D

Acq: 08 Mar 2022 14:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 91 Resp: 27477

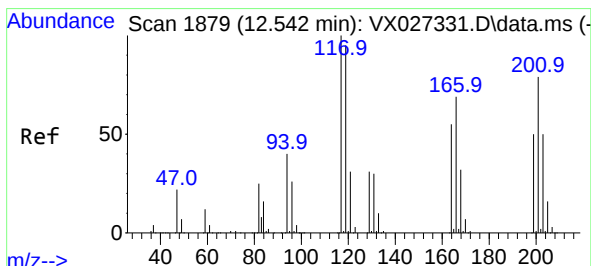
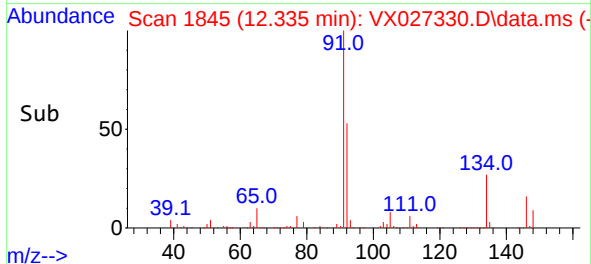
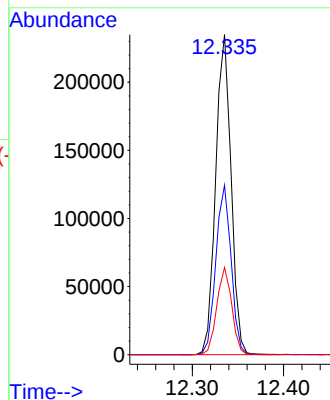
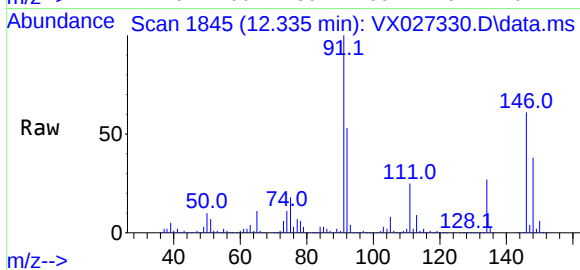
Ion	Ratio	Lower	Upper
91	100		
92	52.6	27.8	83.3
134	26.5	13.3	39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/09/2022

Supervised By :Mahesh Dadoda 03/09/2022



#90

Hexachloroethane

Concen: 19.452 ug/l

RT: 12.543 min Scan# 1879

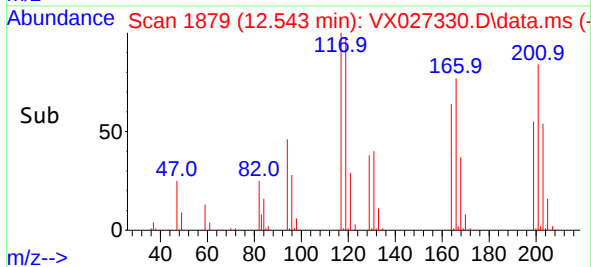
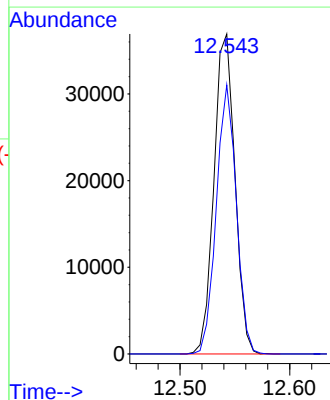
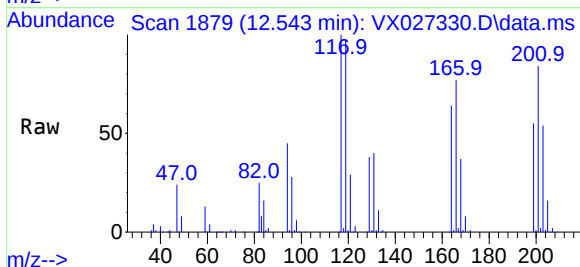
Delta R.T. 0.000 min

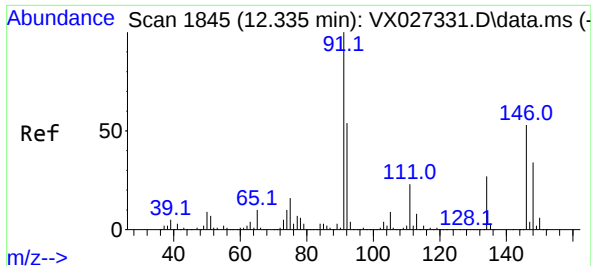
Lab File: VX027330.D

Acq: 08 Mar 2022 14:19

Tgt Ion:117 Resp: 49008

Ion	Ratio	Lower	Upper
117	100		
201	80.5	39.5	118.5





#91
1,2-Dichlorobenzene
Concen: 23.722 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX027330.D
Acq: 08 Mar 2022 14:19

Instrument :

MSVOA_X

ClientSampleId :

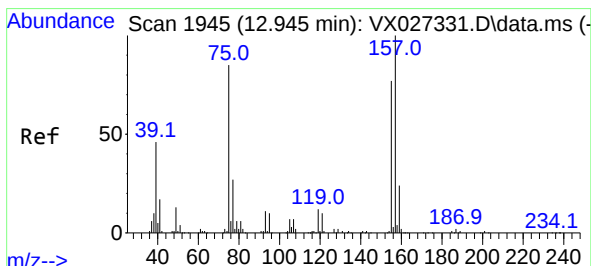
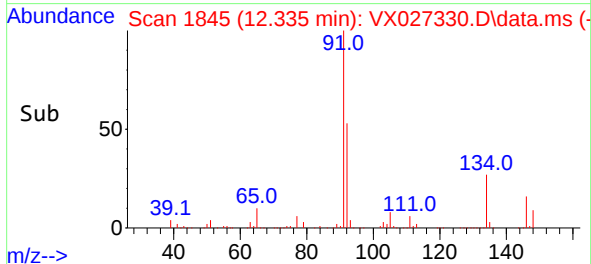
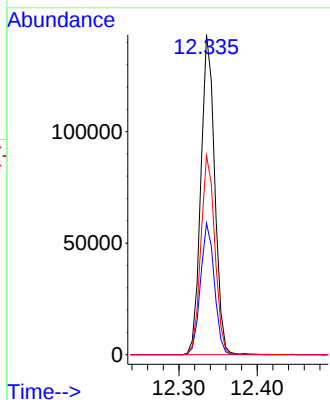
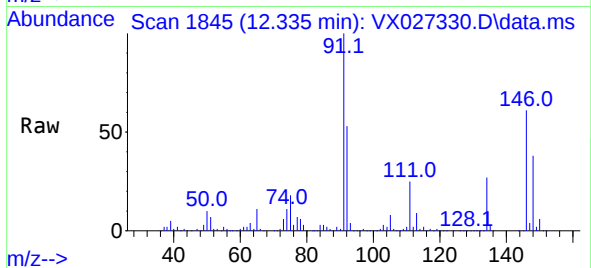
VSTDIC020

Tgt Ion:146 Resp: 17595
Ion Ratio Lower Upper
146 100
111 41.2 21.0 63.0
148 62.8 32.6 97.7

Manual Integrations

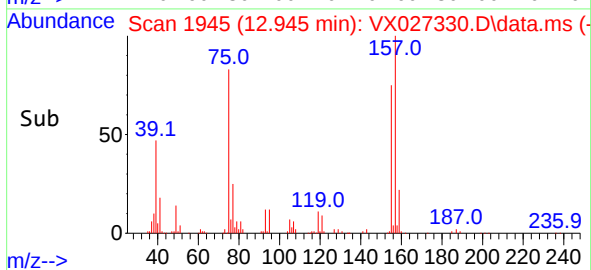
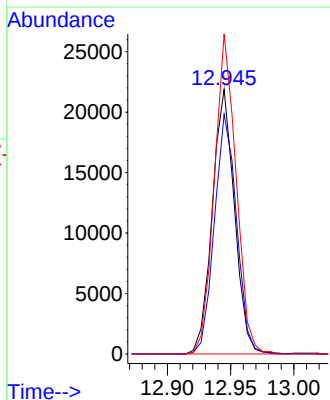
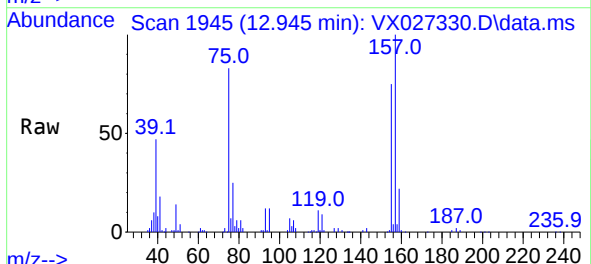
APPROVED

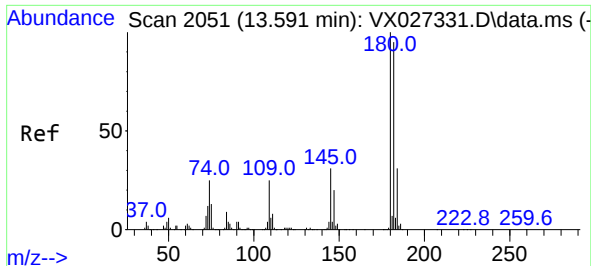
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 24.211 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX027330.D
Acq: 08 Mar 2022 14:19

Tgt Ion: 75 Resp: 26727
Ion Ratio Lower Upper
75 100
155 90.2 47.0 141.2
157 118.3 57.9 173.6





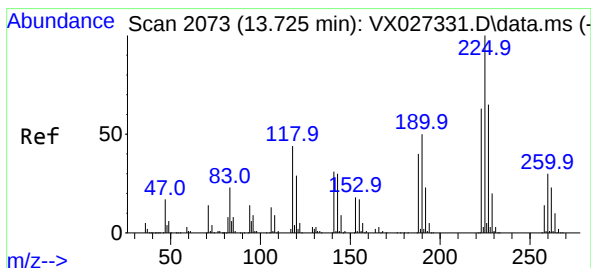
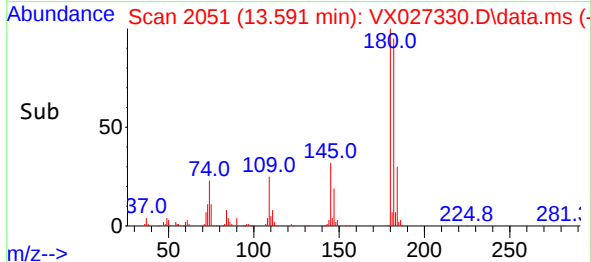
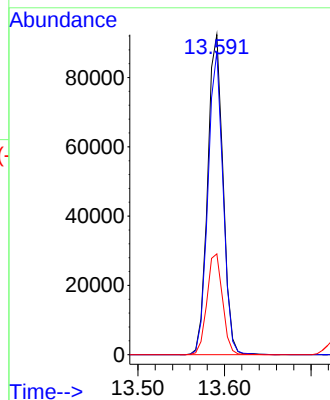
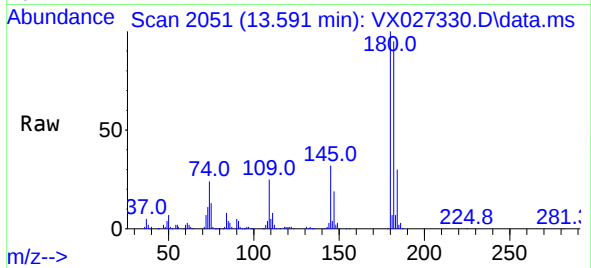
#93
1,2,4-Trichlorobenzene
Concen: 26.290 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX027330.D
Acq: 08 Mar 2022 14:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:180 Resp: 11381
Ion Ratio Lower Upper
180 100
182 92.8 47.7 143.1
145 32.0 15.2 45.5

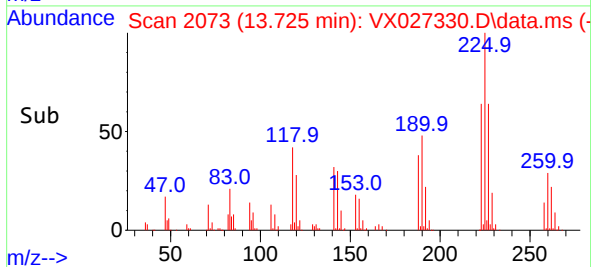
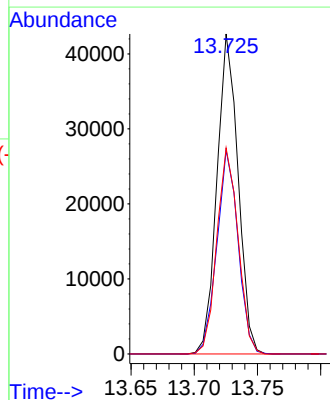
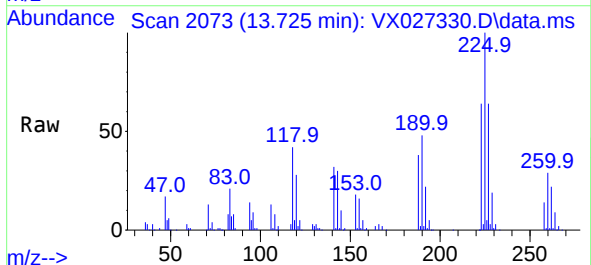
Manual Integrations
APPROVED

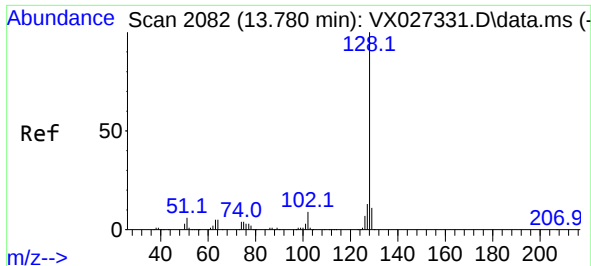
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022



#94
Hexachlorobutadiene
Concen: 23.738 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX027330.D
Acq: 08 Mar 2022 14:19

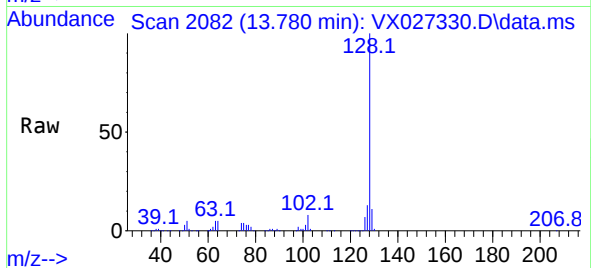
Tgt Ion:225 Resp: 49310
Ion Ratio Lower Upper
225 100
223 63.8 34.2 102.5
227 64.9 33.9 101.7





#95
Naphthalene
Concen: 29.795 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX027330.D
Acq: 08 Mar 2022 14:19

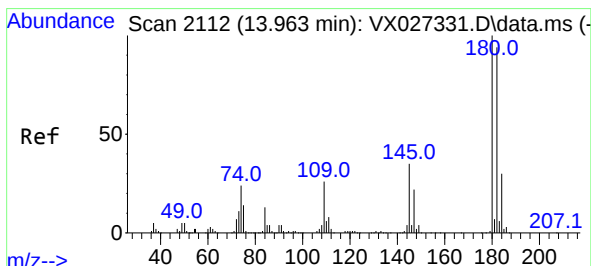
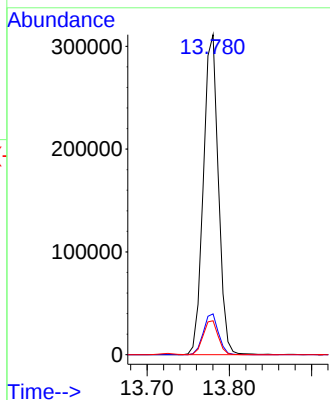
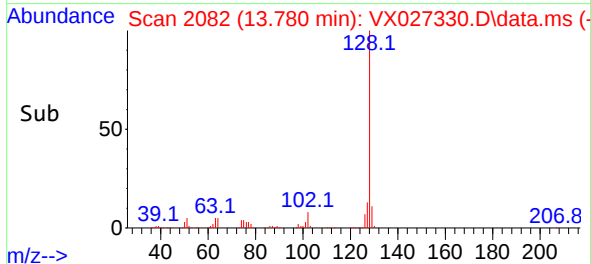
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



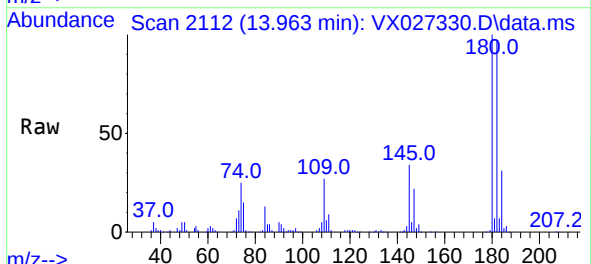
Tgt Ion:128 Resp: 394608
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022



#96
1,2,3-Trichlorobenzene
Concen: 25.342 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX027330.D
Acq: 08 Mar 2022 14:19



Tgt Ion:180 Resp: 113035
Ion Ratio Lower Upper
180 100
182 95.3 50.0 149.8
145 33.6 16.2 48.5

