

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100622\
 Data File : VX031914.D
 Acq On : 06 Oct 2022 12:12
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Quant Time: Oct 06 13:13:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 13:10:59 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/07/2022
 Supervised By : Mahesh Dadoda 10/07/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	63263	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	98855	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	106956	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73884	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	25232	24.775	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	49.560%#		
35) Dibromofluoromethane	5.391	113	21681	19.899	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	39.800%#		
50) Toluene-d8	8.653	98	77589	20.043	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	40.080%#		
62) 4-Bromofluorobenzene	11.079	95	27477	19.674	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	39.340%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	19297	24.918	ug/l	95
3) Chloromethane	1.288	50	18941	26.935	ug/l	97
4) Vinyl Chloride	1.374	62	23004	25.883	ug/l	97
5) Bromomethane	1.611	94	16331	20.678	ug/l	97
6) Chloroethane	1.685	64	17138	22.313	ug/l	100
7) Trichlorofluoromethane	1.886	101	40275	22.411	ug/l	98
8) Diethyl Ether	2.130	74	14328	23.333	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.331	101	20135	22.991	ug/l	91
10) Methyl Iodide	2.453	142	17554	20.241	ug/l	98
11) Tert butyl alcohol	2.995	59	15522m	100.863	ug/l	
12) 1,1-Dichloroethene	2.319	96	18826	22.727	ug/l	84
13) Acrolein	2.239	56	10036	111.057	ug/l	93
14) Allyl chloride	2.666	41	26829	29.208	ug/l	96
15) Acrylonitrile	3.068	53	52946	138.751	ug/l	98
16) Acetone	2.392	43	43375	143.862	ug/l	93
17) Carbon Disulfide	2.514	76	38223	23.137	ug/l	98
18) Methyl Acetate	2.709	43	29664	29.972	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	63364	24.585	ug/l	100
20) Methylene Chloride	2.788	84	22097	23.183	ug/l #	88
21) trans-1,2-Dichloroethene	3.093	96	20451	22.182	ug/l #	92
22) Diisopropyl ether	3.763	45	60755	28.361	ug/l	94
23) Vinyl Acetate	3.721	43	232037	145.525	ug/l #	94
24) 1,1-Dichloroethane	3.611	63	36345	25.673	ug/l	99
25) 2-Butanone	4.568	43	70455	146.055	ug/l	96
26) 2,2-Dichloropropane	4.477	77	26006	24.554	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	24432	22.554	ug/l	89
28) Bromochloromethane	4.904	49	16430	28.579	ug/l #	82
29) Tetrahydrofuran	5.013	42	45540	150.511	ug/l	92
30) Chloroform	5.099	83	40708	23.874	ug/l	99
31) Cyclohexane	5.471	56	30678	25.482	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	34150	22.934	ug/l	98
36) 1,1-Dichloropropene	5.696	75	27647	21.285	ug/l	97
37) Ethyl Acetate	4.715	43	28751	27.561	ug/l	99
38) Carbon Tetrachloride	5.684	117	29473	19.698	ug/l	96
39) Methylcyclohexane	7.379	83	33758	20.450	ug/l	90
40) Benzene	6.037	78	84348	21.661	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	15062	27.733	ug/l	94
42) 1,2-Dichloroethane	6.086	62	31211	23.686	ug/l	97
43) Isopropyl Acetate	6.342	43	42192	26.414	ug/l	97
44) Trichloroethene	7.129	130	24307	18.884	ug/l	92
45) 1,2-Dichloropropane	7.434	63	20729	23.454	ug/l	93
46) Dibromomethane	7.580	93	16041	21.090	ug/l	93
47) Bromodichloromethane	7.824	83	29040	22.191	ug/l	99
48) Methyl methacrylate	7.696	41	20640	27.026	ug/l	95
49) 1,4-Dioxane	7.696	88	10928	456.269	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	144082	133.837	ug/l	96
52) Toluene	8.720	92	56013	20.551	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	27446	23.001	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	31343	22.878	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	23080	20.621	ug/l	96
56) Ethyl methacrylate	9.116	69	31213	23.569	ug/l	93
57) 1,3-Dichloropropane	9.311	76	37724	22.359	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	80503	120.961	ug/l	95
59) 2-Hexanone	9.433	43	107238	137.076	ug/l	96
60) Dibromochloromethane	9.525	129	22161	19.977	ug/l	98
61) 1,2-Dibromoethane	9.610	107	24553	20.828	ug/l	99
64) Tetrachloroethene	9.275	164	23422	18.047	ug/l	98
65) Chlorobenzene	10.079	112	62719	20.477	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	22068	20.634	ug/l	100
67) Ethyl Benzene	10.195	91	107617	21.609	ug/l	99
68) m/p-Xylenes	10.299	106	85928	41.347	ug/l	98
69) o-Xylene	10.640	106	41987	20.576	ug/l	97
70) Styrene	10.659	104	67869	21.097	ug/l	98
71) Bromoform	10.799	173	14736	19.086	ug/l #	99
73) Isopropylbenzene	10.963	105	108983	21.589	ug/l	100
74) N-amyl acetate	10.848	43	34183	28.427	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	34394	24.062	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	29712m	24.738	ug/l	
77) Bromobenzene	11.201	156	26927	20.072	ug/l	94
78) n-propylbenzene	11.305	91	125206	22.980	ug/l	99
79) 2-Chlorotoluene	11.366	91	74951	22.625	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	92269	22.024	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	6674	22.004	ug/l #	79
82) 4-Chlorotoluene	11.457	91	85407	22.498	ug/l	98
83) tert-Butylbenzene	11.713	119	88496	21.126	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	92846	22.189	ug/l	98
85) sec-Butylbenzene	11.890	105	114303	22.436	ug/l	99
86) p-Isopropyltoluene	12.012	119	94895	21.299	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	51765	20.381	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	51624	19.747	ug/l	98
89) n-Butylbenzene	12.335	91	77708	22.865	ug/l	98
90) Hexachloroethane	12.536	117	13756	22.831	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	50850	20.021	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6849	26.675	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	31085	19.460	ug/l	97
94) Hexachlorobutadiene	13.725	225	12050	18.677	ug/l	97
95) Naphthalene	13.774	128	111140	21.638	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	31878	19.823	ug/l	99

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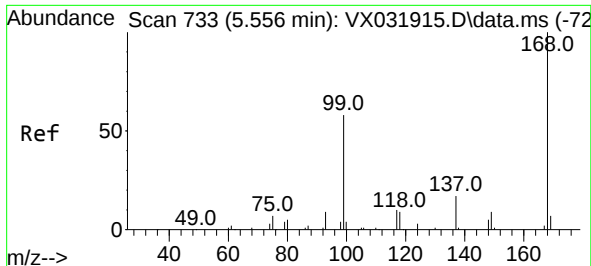
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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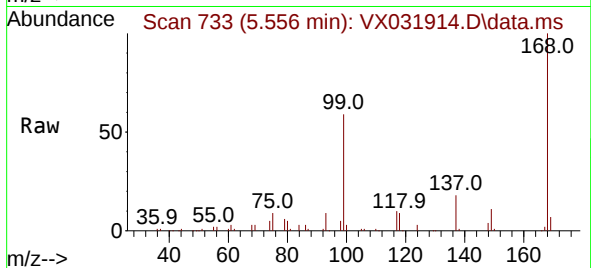
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX031914.D
Acq: 06 Oct 2022 12:12

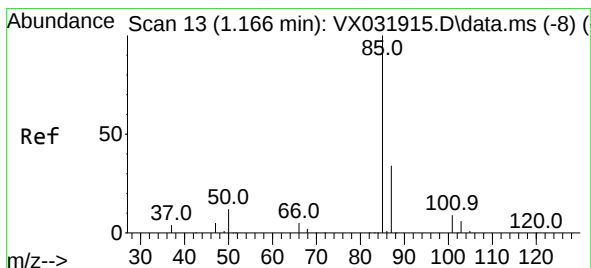
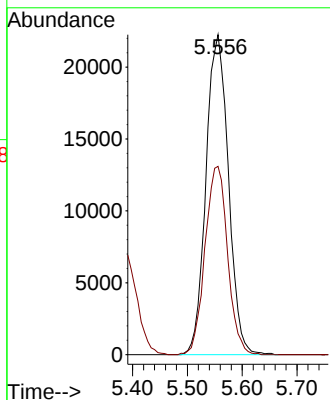
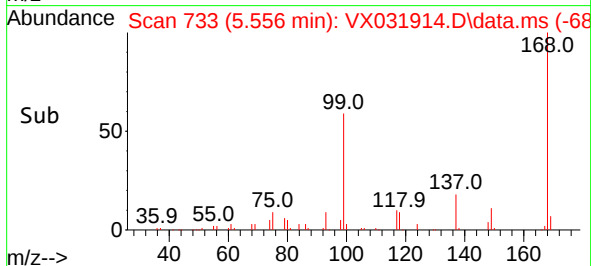
Instrument :
MSVOA_X
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VSTDIC020



Tgt Ion:168 Resp: 6326
Ion Ratio Lower Upper
168 100
99 58.9 48.8 73.2

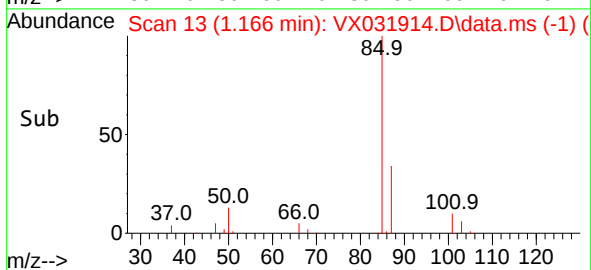
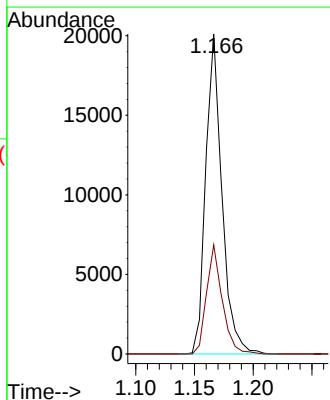
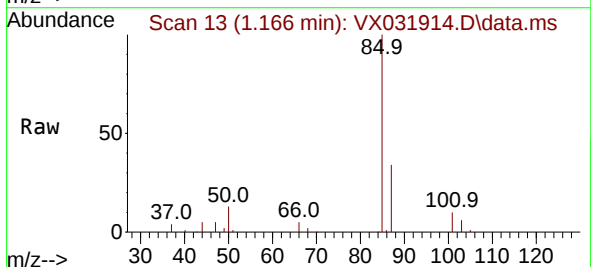
Manual Integrations
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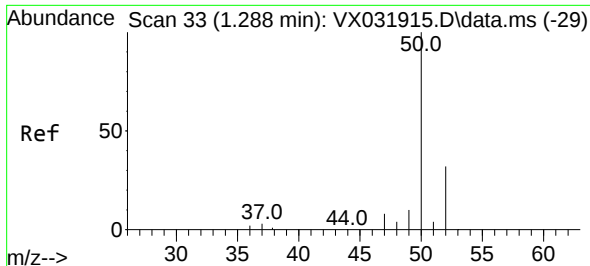
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#2
Dichlorodifluoromethane
Concen: 24.918 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX031914.D
Acq: 06 Oct 2022 12:12

Tgt Ion: 85 Resp: 19297
Ion Ratio Lower Upper
85 100
87 34.1 15.8 47.4





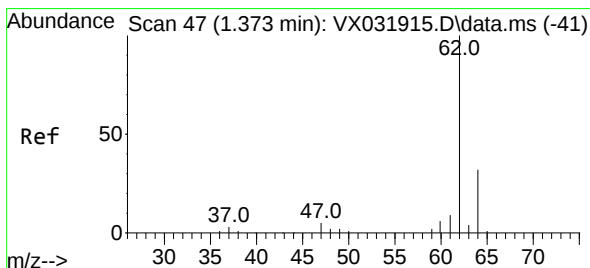
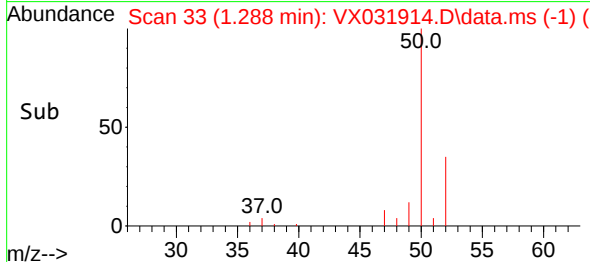
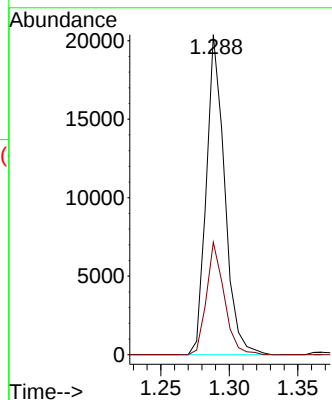
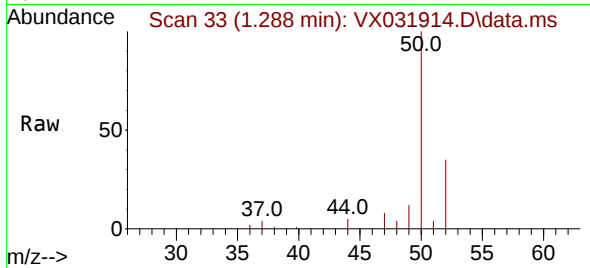
#3
Chloromethane
Concen: 26.935 ug/l
RT: 1.288 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX031914.D
Acq: 06 Oct 2022 12:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 50 Resp: 1894
Ion Ratio Lower Upper
50 100
52 35.1 26.9 40.3

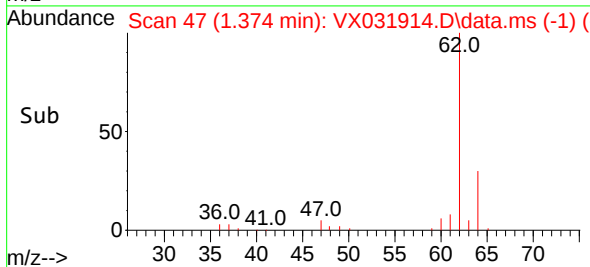
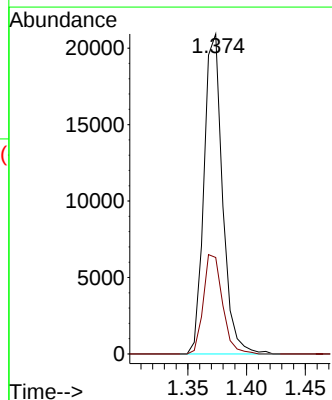
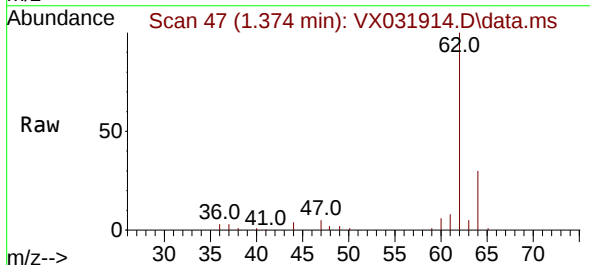
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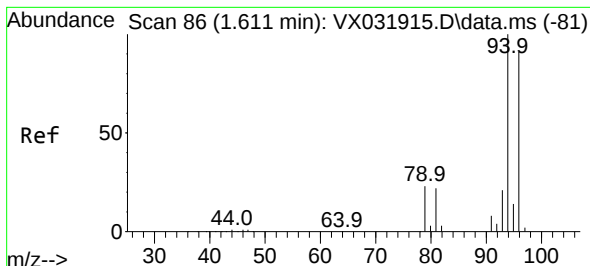
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#4
Vinyl Chloride
Concen: 25.883 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX031914.D
Acq: 06 Oct 2022 12:12

Tgt Ion: 62 Resp: 23004
Ion Ratio Lower Upper
62 100
64 30.2 25.3 37.9





#5

Bromomethane

Concen: 20.678 ug/l

RT: 1.611 min Scan# 80

Delta R.T. 0.000 min

Lab File: VX031914.D

Acq: 06 Oct 2022 12:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 94 Resp: 1633

Ion Ratio Lower Upper

94 100

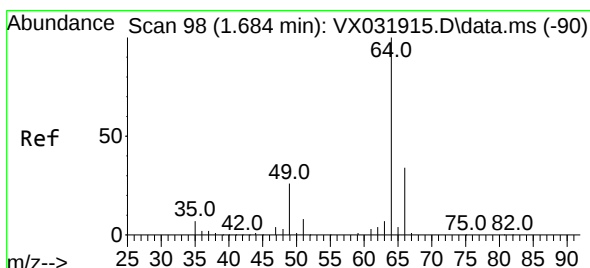
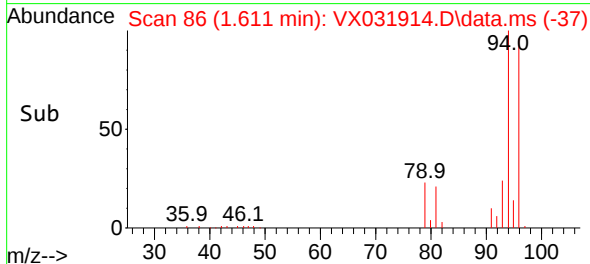
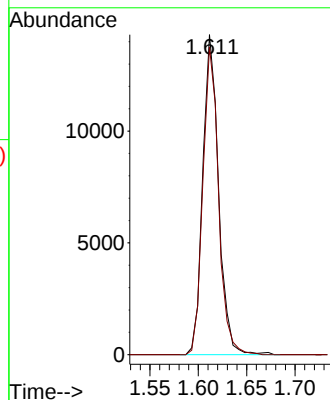
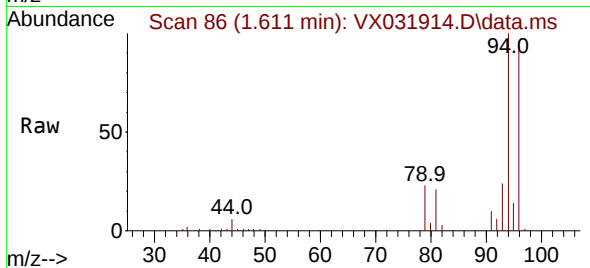
96 96.2 74.4 111.6

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#6

Chloroethane

Concen: 22.313 ug/l

RT: 1.685 min Scan# 98

Delta R.T. 0.000 min

Lab File: VX031914.D

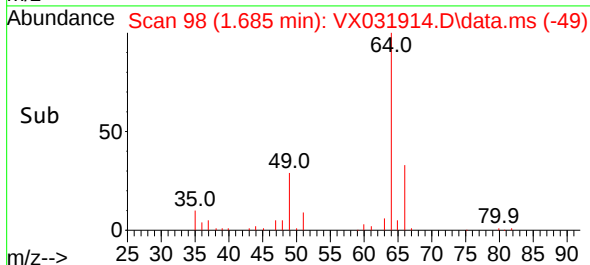
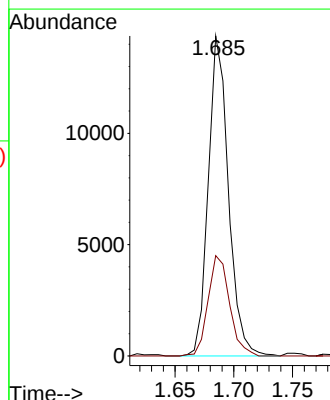
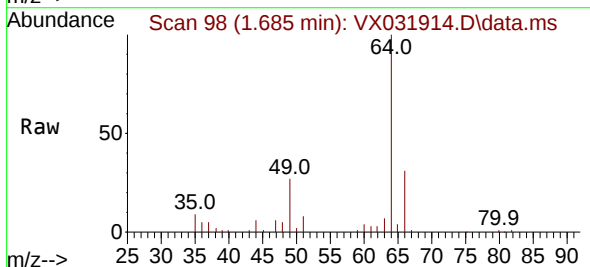
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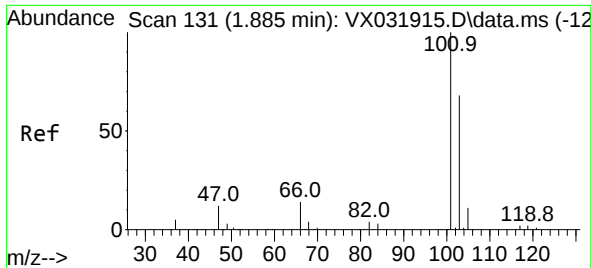
Tgt Ion: 64 Resp: 17138

Ion Ratio Lower Upper

64 100

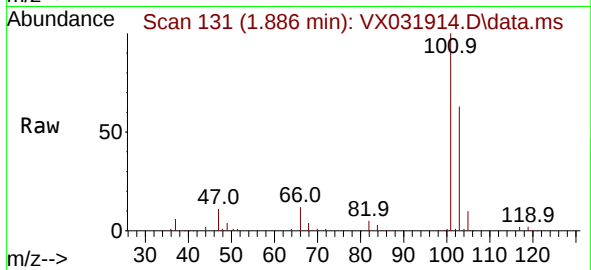
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#7
Trichlorofluoromethane
Concen: 22.411 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031914.D
Acq: 06 Oct 2022 12:12

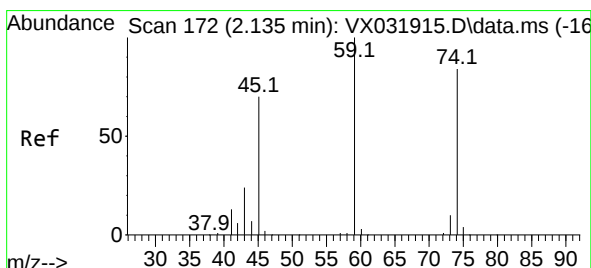
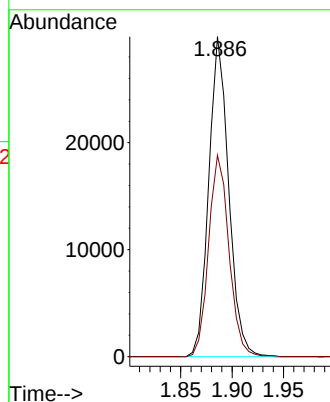
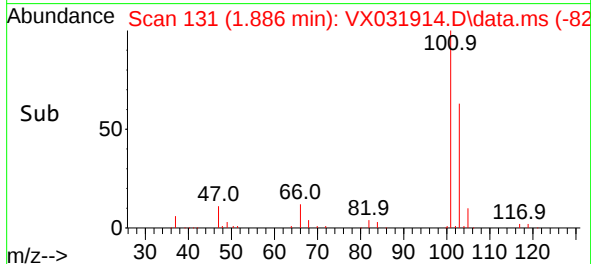
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion:101 Resp: 40275
Ion Ratio Lower Upper
101 100
103 63.0 51.8 77.6

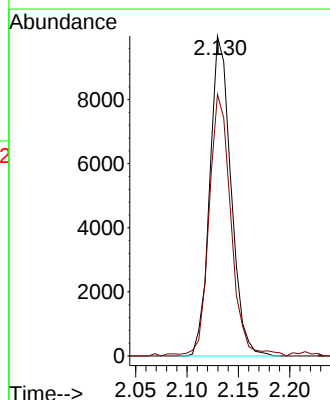
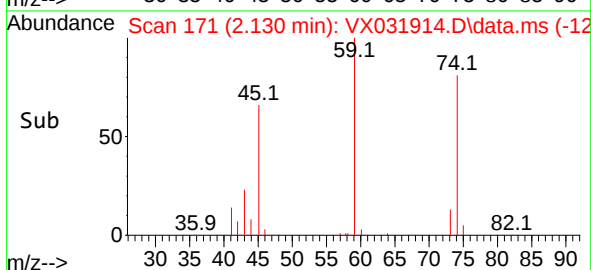
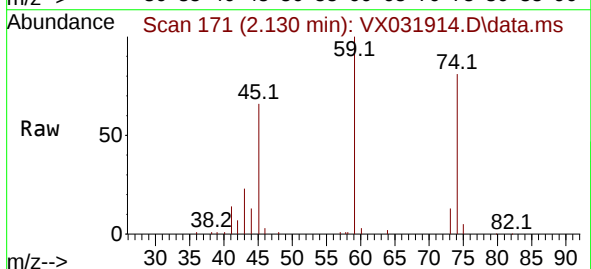
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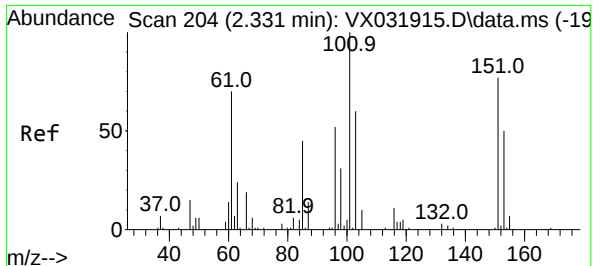
Reviewed By :John Carlone 10/07/2022
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#8
Diethyl Ether
Concen: 23.333 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX031914.D
Acq: 06 Oct 2022 12:12

Tgt Ion: 74 Resp: 14328
Ion Ratio Lower Upper
74 100
45 84.4 48.5 145.6





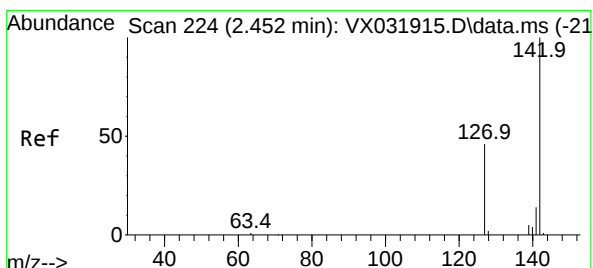
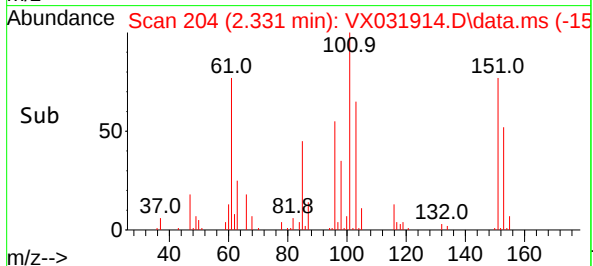
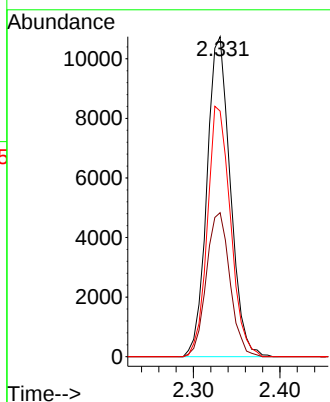
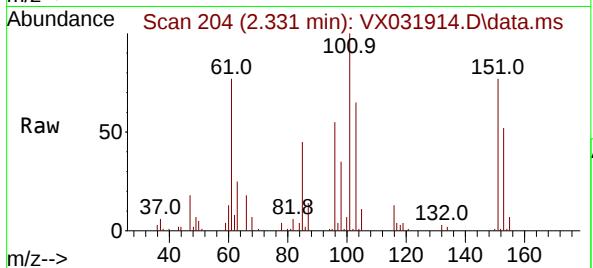
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.991 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX031914.D
Acq: 06 Oct 2022 12:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 2013
Ion Ratio Lower Upper
101 100
85 45.5 38.6 57.8
151 77.3 54.0 81.0

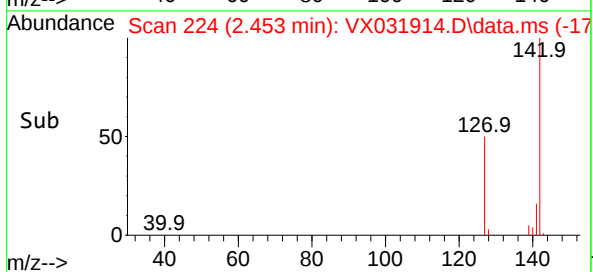
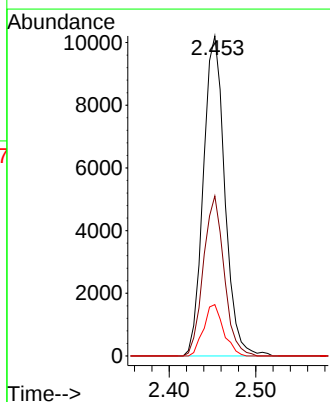
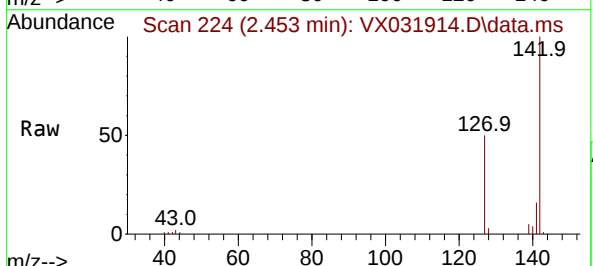
Manual Integrations
APPROVED

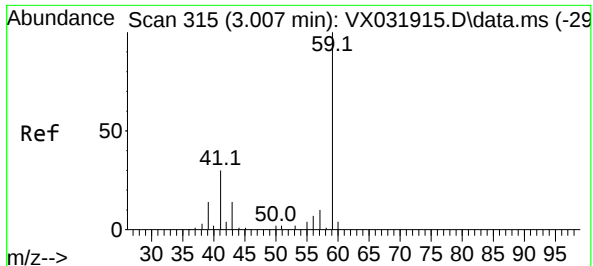
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#10
Methyl Iodide
Concen: 20.241 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX031914.D
Acq: 06 Oct 2022 12:12

Tgt Ion:142 Resp: 17554
Ion Ratio Lower Upper
142 100
127 48.4 37.4 56.0
141 14.9 11.6 17.4





#11

Tert butyl alcohol

Concen: 100.863 ug/l m

RT: 2.995 min Scan# 31

Delta R.T. -0.012 min

Lab File: VX031914.D

Acq: 06 Oct 2022 12:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 59 Resp: 1552

Ion Ratio Lower Upper

59 100

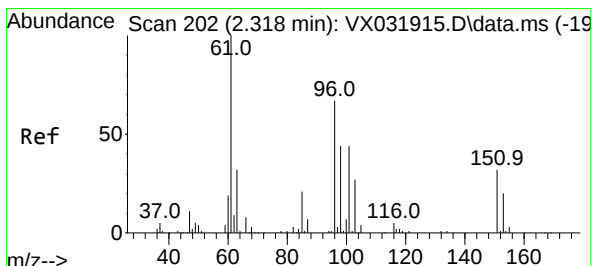
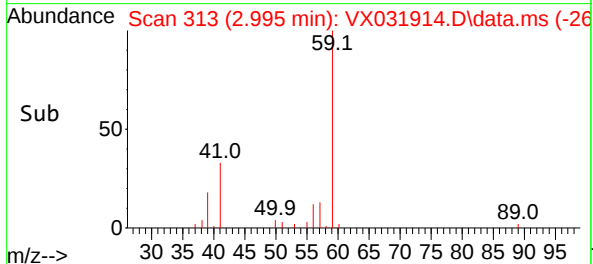
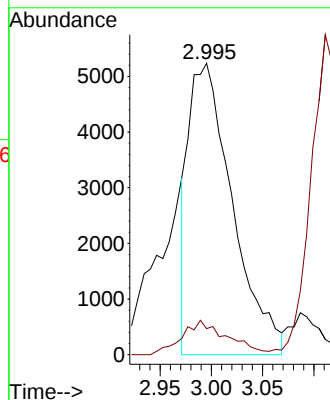
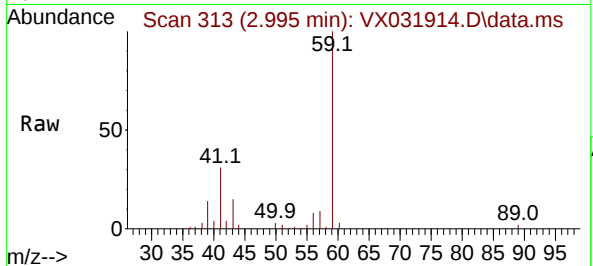
57 12.2 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/07/2022

Supervised By :Mahesh Dadoda 10/07/2022



#12

1,1-Dichloroethene

Concen: 22.727 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX031914.D

Acq: 06 Oct 2022 12:12

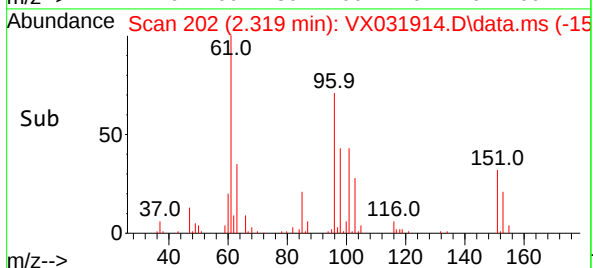
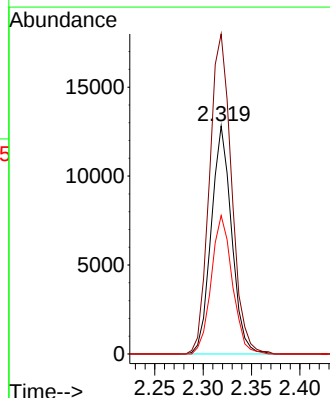
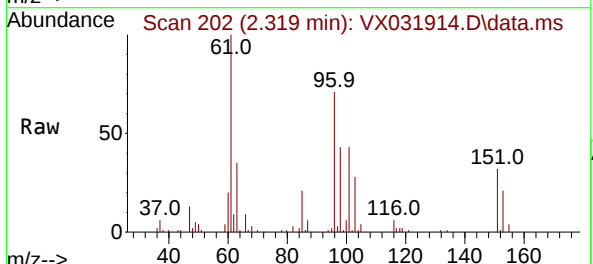
Tgt Ion: 96 Resp: 18826

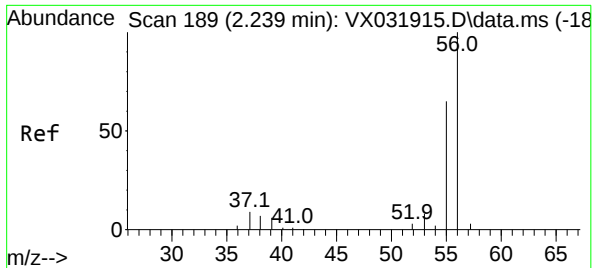
Ion Ratio Lower Upper

96 100

61 140.3 135.3 202.9

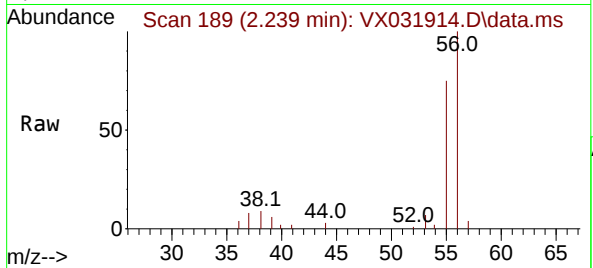
98 60.7 49.4 74.2





#13
Acrolein
Concen: 111.057 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX031914.D
Acq: 06 Oct 2022 12:12

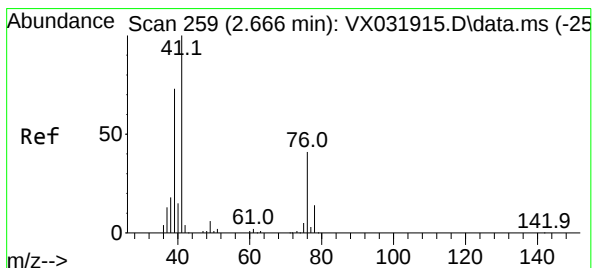
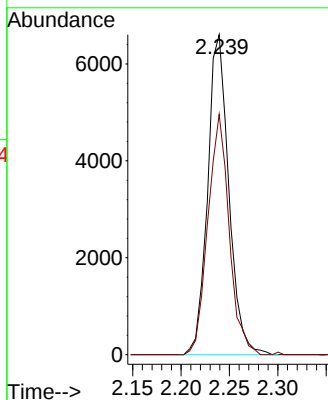
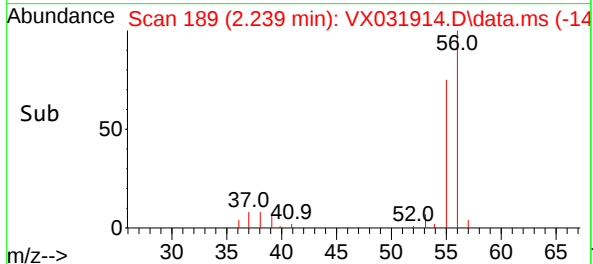
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 56 Resp: 10030
Ion Ratio Lower Upper
56 100
55 75.4 56.0 84.0

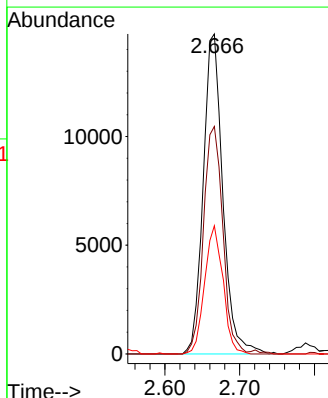
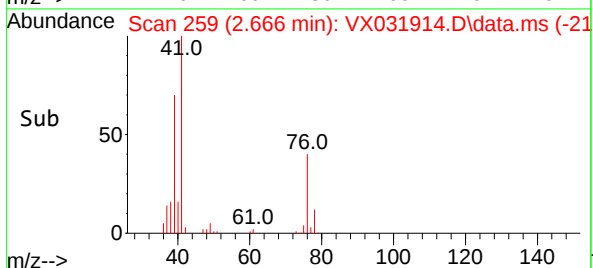
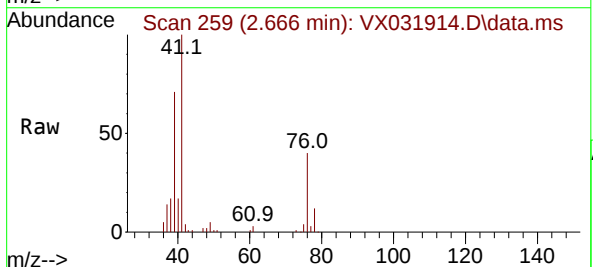
Manual Integrations
APPROVED

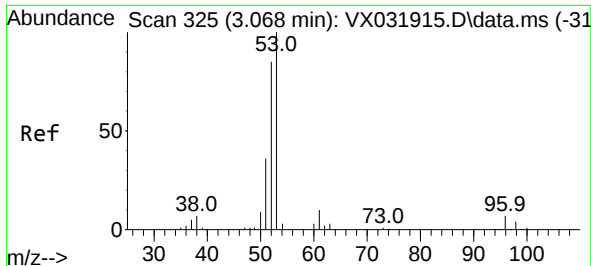
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#14
Allyl chloride
Concen: 29.208 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX031914.D
Acq: 06 Oct 2022 12:12

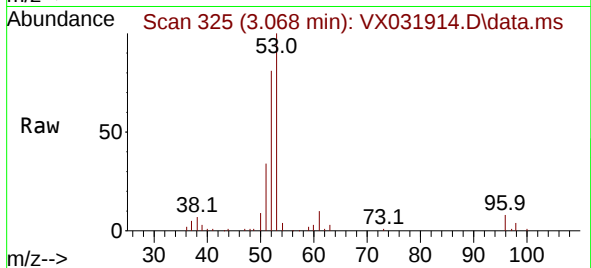
Tgt Ion: 41 Resp: 26829
Ion Ratio Lower Upper
41 100
39 70.0 58.2 87.4
76 37.5 26.9 40.3





#15
Acrylonitrile
Concen: 138.751 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX031914.D
Acq: 06 Oct 2022 12:12

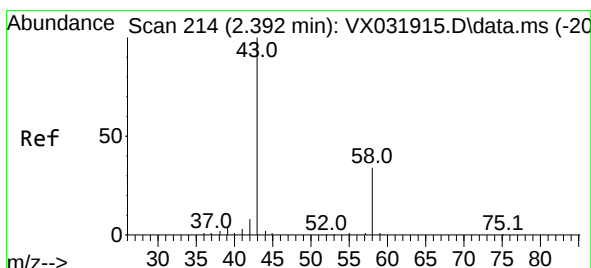
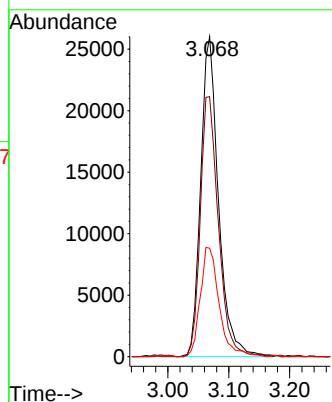
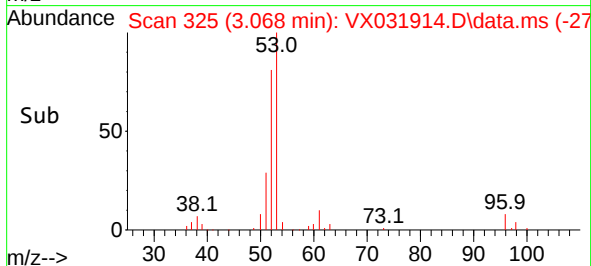
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



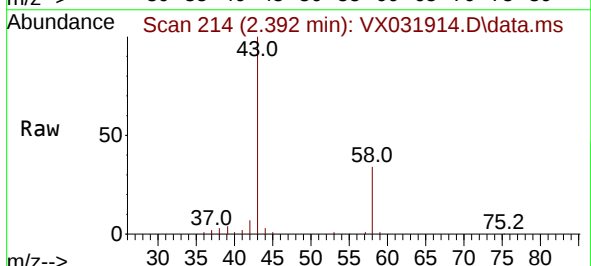
Tgt Ion: 53 Resp: 52940
Ion Ratio Lower Upper
53 100
52 82.5 66.9 100.3
51 36.1 30.0 45.0

Manual Integrations
APPROVED

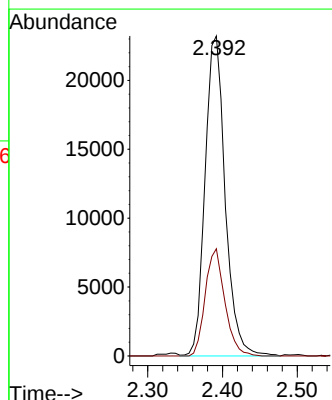
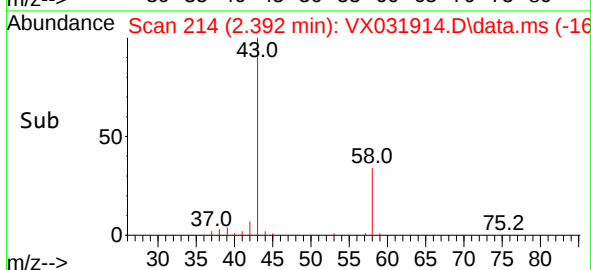
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

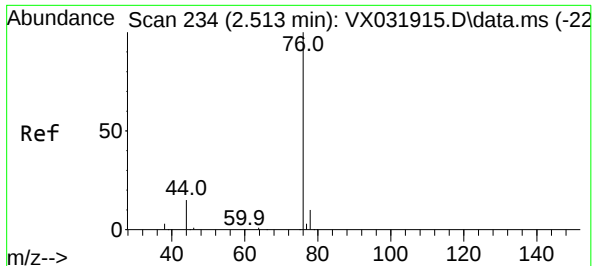


#16
Acetone
Concen: 143.862 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX031914.D
Acq: 06 Oct 2022 12:12



Tgt Ion: 43 Resp: 43375
Ion Ratio Lower Upper
43 100
58 33.5 23.8 35.8





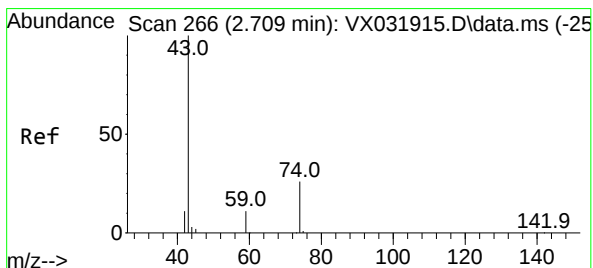
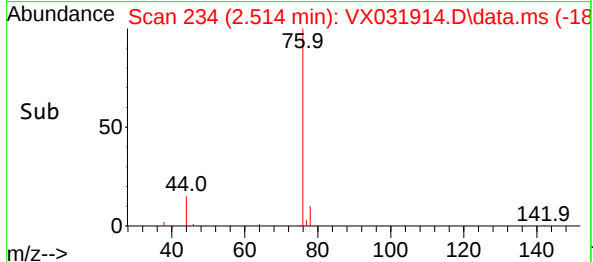
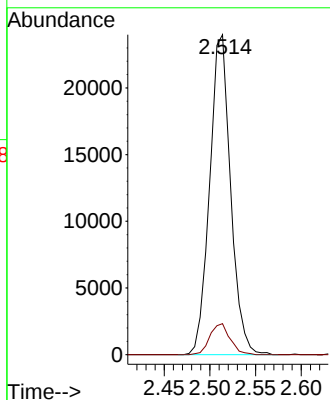
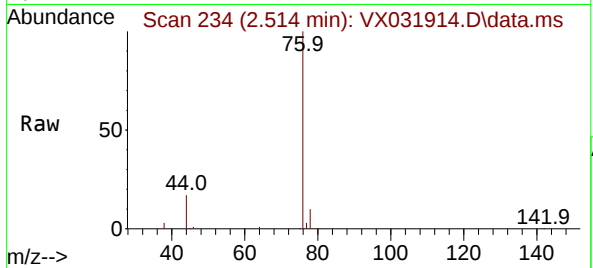
#17
Carbon Disulfide
Concen: 23.137 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX031914.D
Acq: 06 Oct 2022 12:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 3822
Ion Ratio Lower Upper
76 100
78 9.7 7.2 10.8

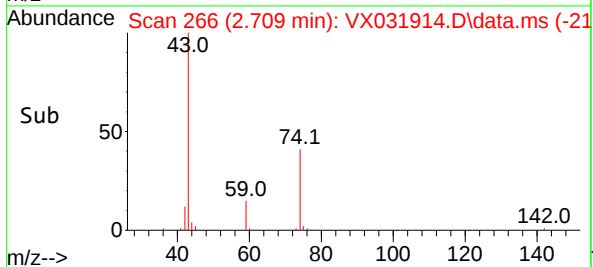
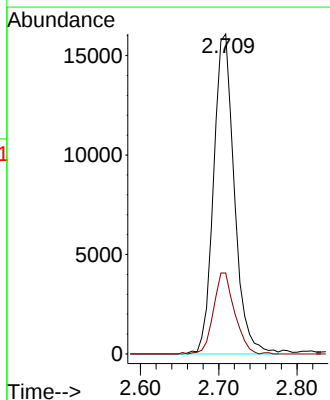
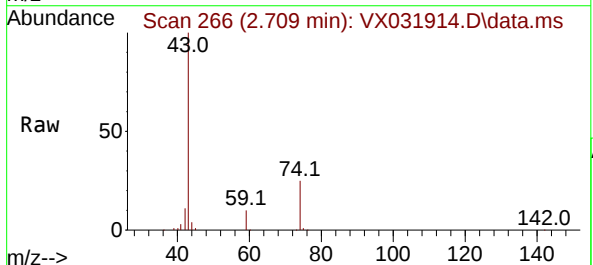
Manual Integrations
APPROVED

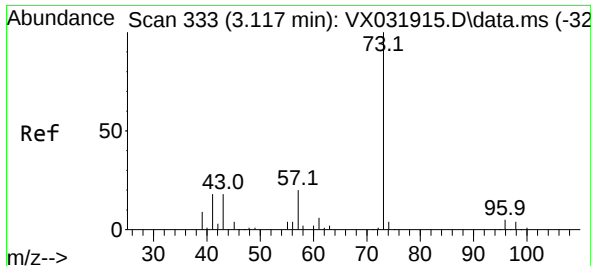
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#18
Methyl Acetate
Concen: 29.972 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX031914.D
Acq: 06 Oct 2022 12:12

Tgt Ion: 43 Resp: 29664
Ion Ratio Lower Upper
43 100
74 25.8 18.6 27.8





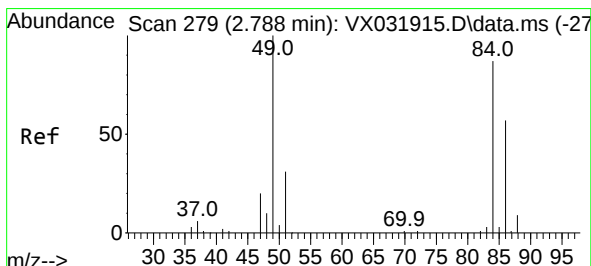
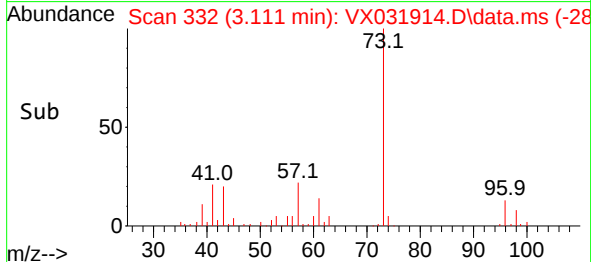
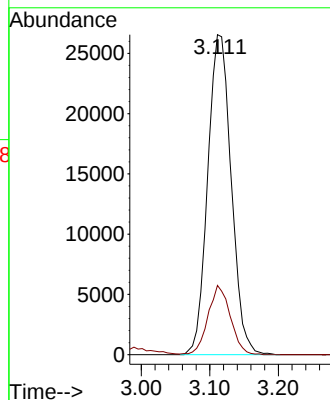
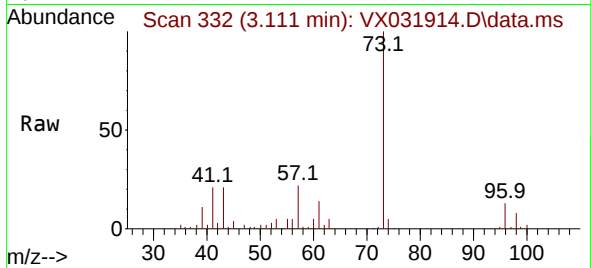
#19
Methyl tert-butyl Ether
Concen: 24.585 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX031914.D
Acq: 06 Oct 2022 12:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 63364
Ion Ratio Lower Upper
73 100
57 21.7 17.2 25.8

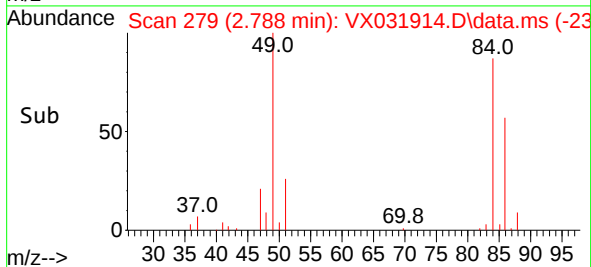
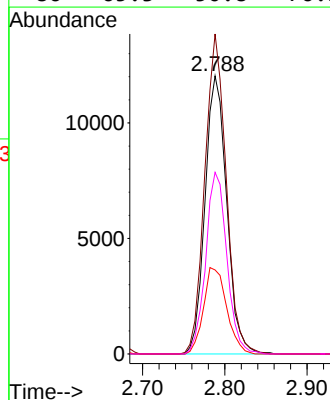
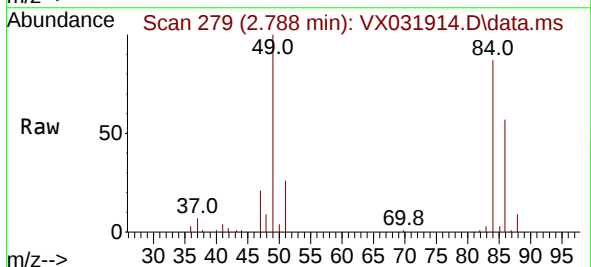
Manual Integrations
APPROVED

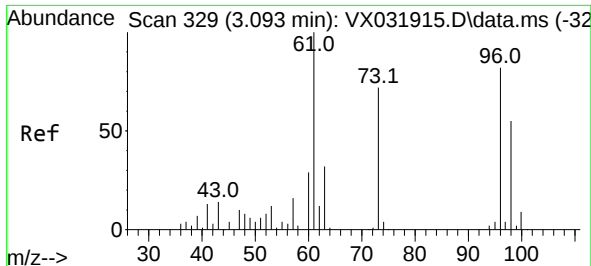
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#20
Methylene Chloride
Concen: 23.183 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX031914.D
Acq: 06 Oct 2022 12:12

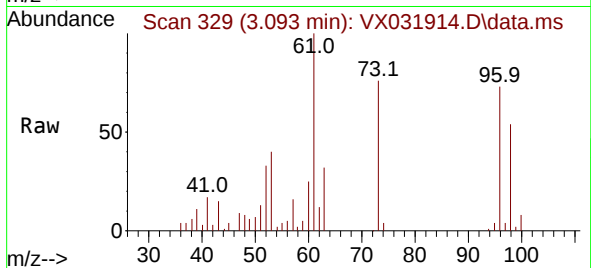
Tgt Ion: 84 Resp: 22097
Ion Ratio Lower Upper
84 100
49 115.0 105.9 158.9
51 30.2 32.2 48.2#
86 65.3 50.8 76.2





#21
trans-1,2-Dichloroethene
Concen: 22.182 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX031914.D
Acq: 06 Oct 2022 12:12

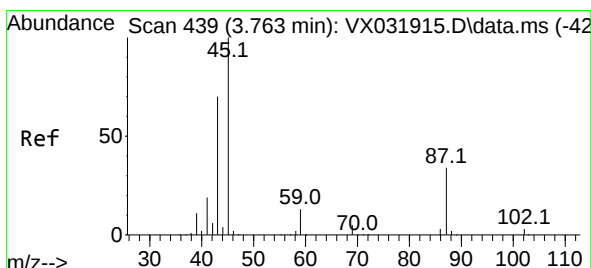
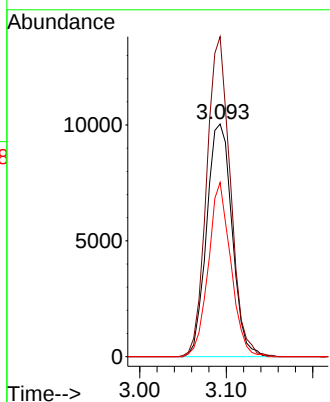
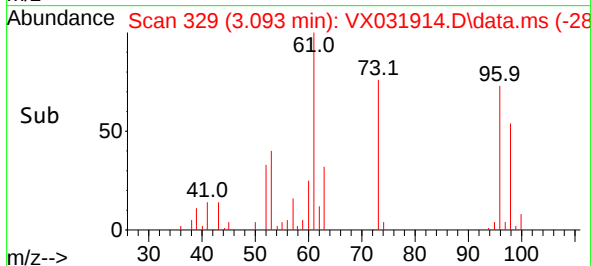
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



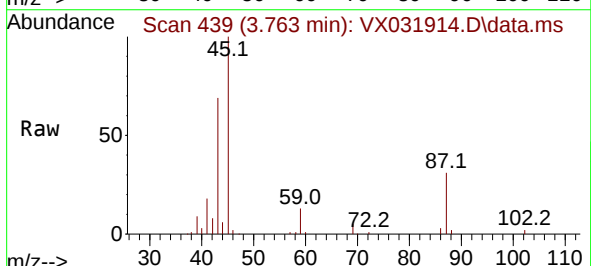
Tgt Ion: 96 Resp: 2045
Ion Ratio Lower Upper
96 100
61 137.6 106.7 160.1
98 74.9 48.7 73.1

Manual Integrations
APPROVED

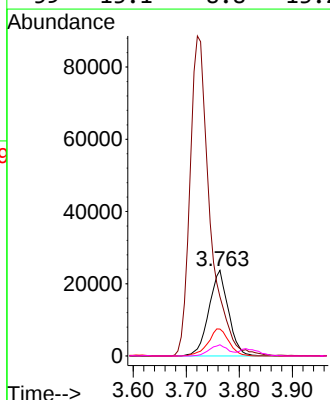
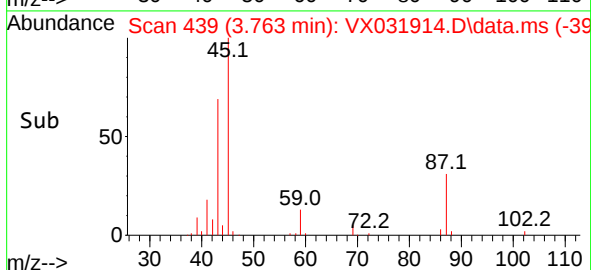
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

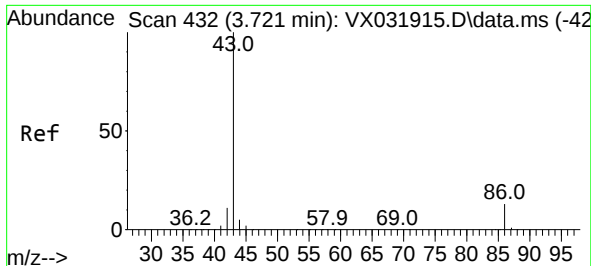


#22
Diisopropyl ether
Concen: 28.361 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX031914.D
Acq: 06 Oct 2022 12:12



Tgt Ion: 45 Resp: 60755
Ion Ratio Lower Upper
45 100
43 68.3 59.0 88.6
87 31.5 22.6 33.8
59 13.1 8.8 13.2





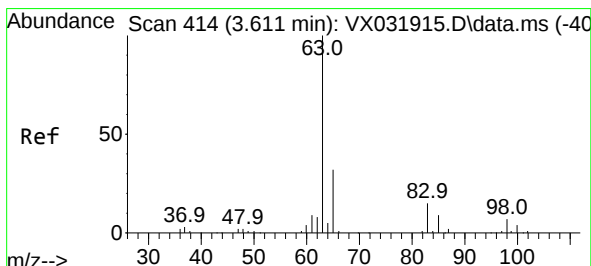
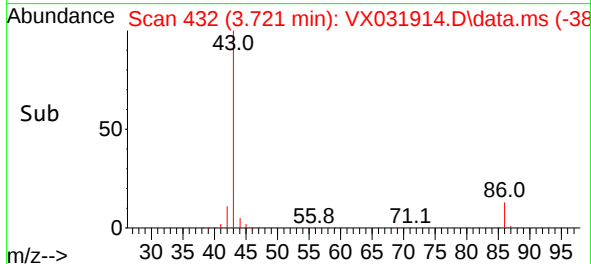
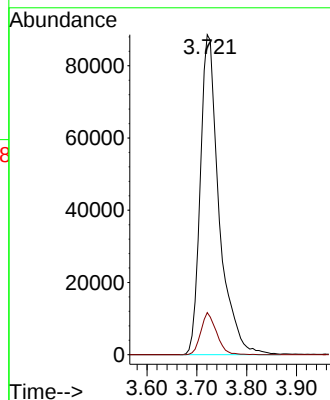
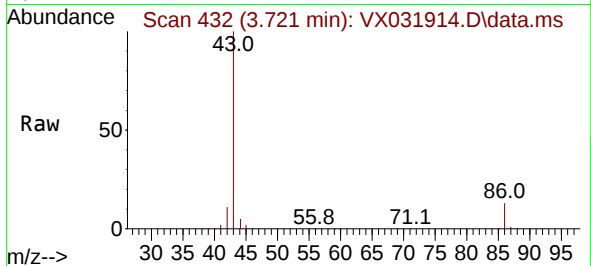
#23
 Vinyl Acetate
 Concen: 145.525 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX031914.D
 Acq: 06 Oct 2022 12:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion: 43 Resp: 23203
 Ion Ratio Lower Upper
 43 100
 86 13.2 8.7 13.1

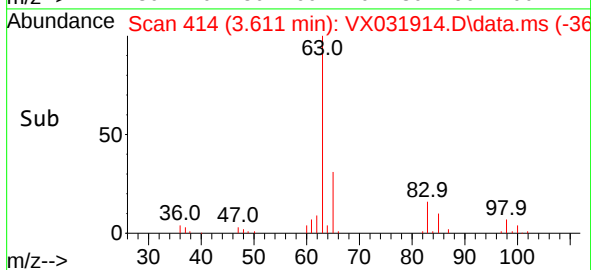
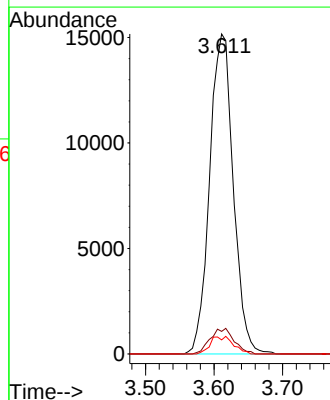
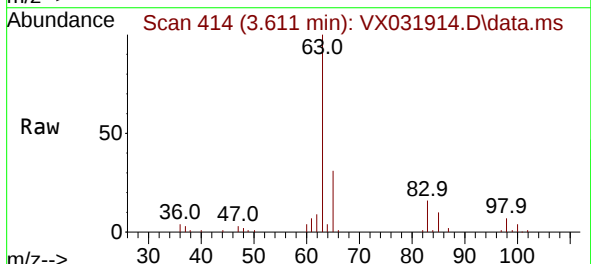
Manual Integrations
 APPROVED

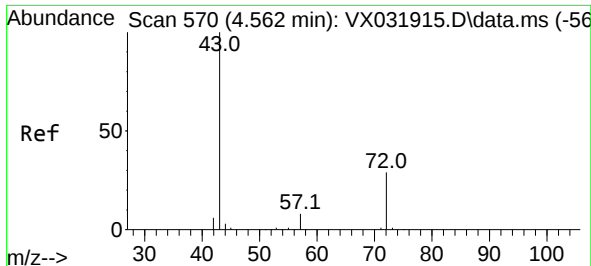
Reviewed By :John Carlone 10/07/2022
 Supervised By :Mahesh Dadoda 10/07/2022



#24
 1,1-Dichloroethane
 Concen: 25.673 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX031914.D
 Acq: 06 Oct 2022 12:12

Tgt Ion: 63 Resp: 36345
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.4
 100 4.4 2.4 7.2





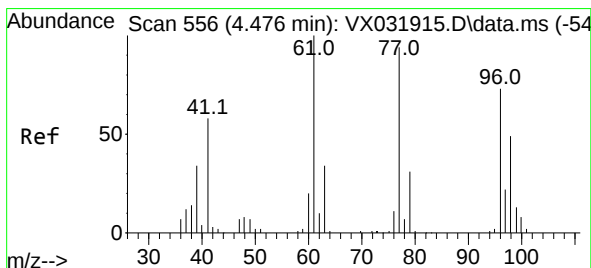
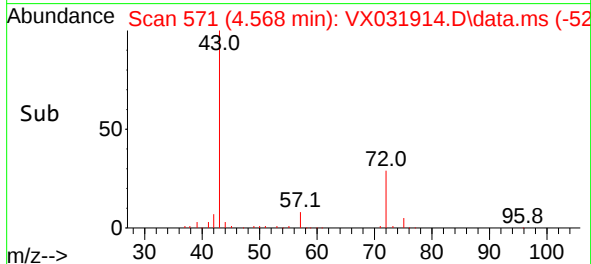
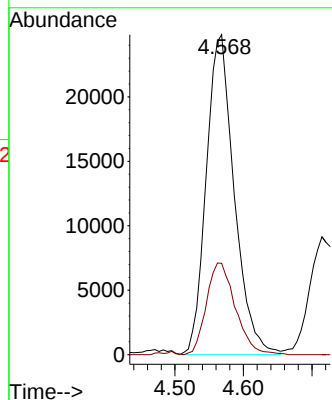
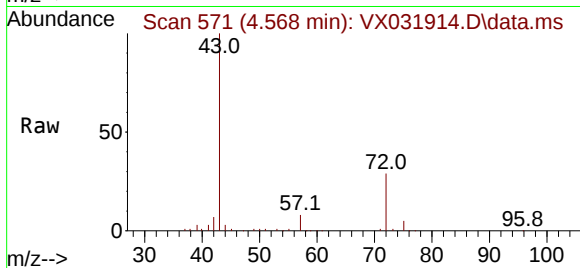
#25
2-Butanone
Concen: 146.055 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX031914.D
Acq: 06 Oct 2022 12:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 7045
Ion Ratio Lower Upper
43 100
72 28.4 21.1 31.7

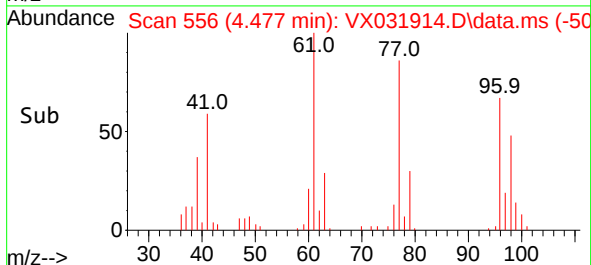
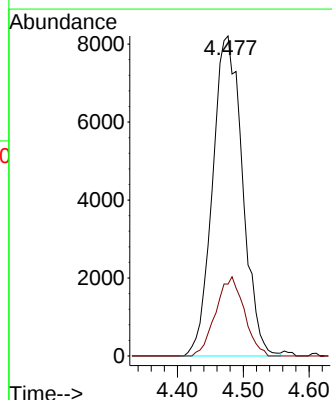
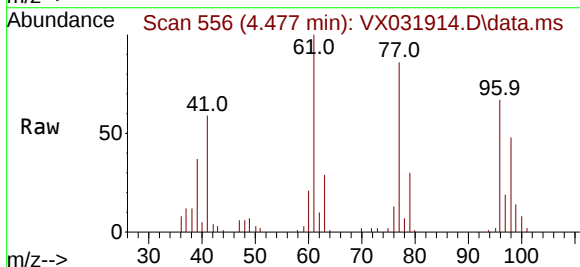
Manual Integrations
APPROVED

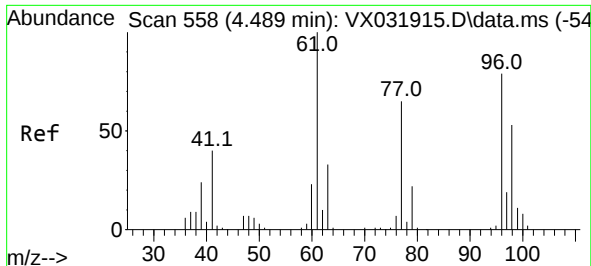
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#26
2,2-Dichloropropane
Concen: 24.554 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX031914.D
Acq: 06 Oct 2022 12:12

Tgt Ion: 77 Resp: 26006
Ion Ratio Lower Upper
77 100
97 23.5 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 22.554 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX031914.D

Acq: 06 Oct 2022 12:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 96 Resp: 2443

Ion Ratio Lower Upper

96 100

61 132.0 0.0 305.2

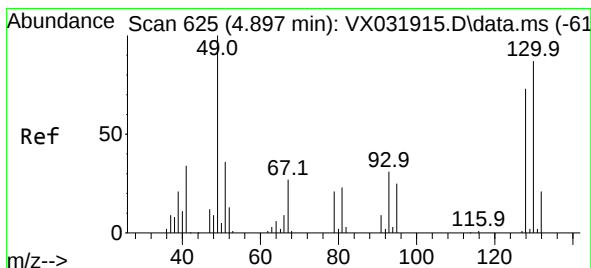
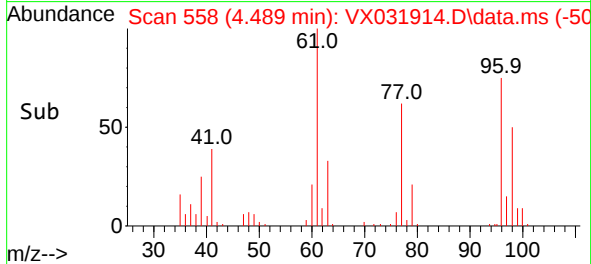
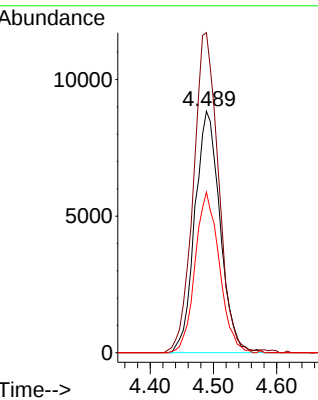
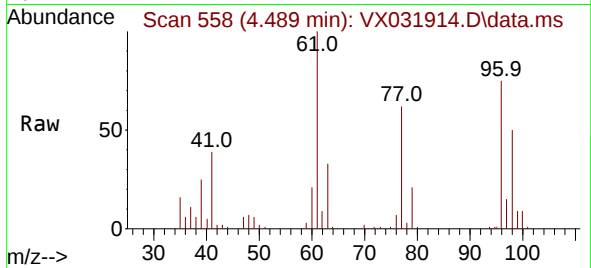
98 64.1 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/07/2022

Supervised By :Mahesh Dadoda 10/07/2022



#28

Bromochloromethane

Concen: 28.579 ug/l

RT: 4.904 min Scan# 626

Delta R.T. 0.006 min

Lab File: VX031914.D

Acq: 06 Oct 2022 12:12

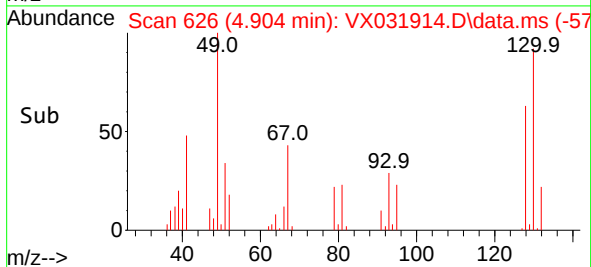
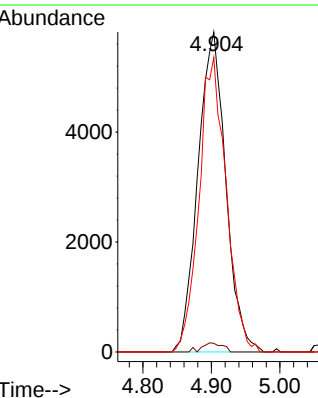
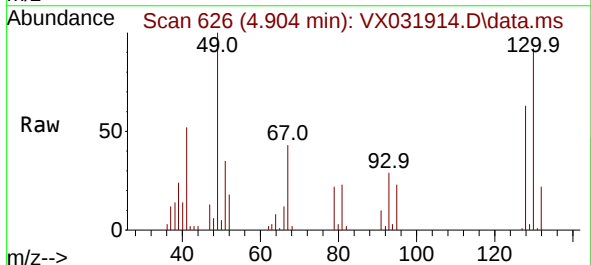
Tgt Ion: 49 Resp: 16430

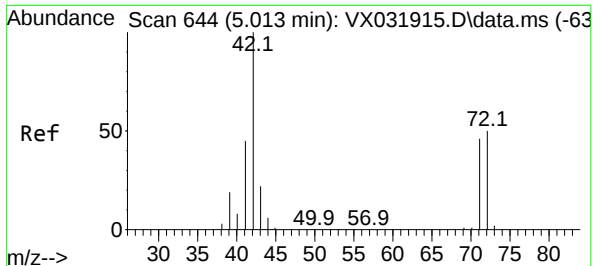
Ion Ratio Lower Upper

49 100

129 2.1 0.0 3.6

130 89.6 59.0 88.4





#29

Tetrahydrofuran

Concen: 150.511 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.000 min

Lab File: VX031914.D

Acq: 06 Oct 2022 12:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 42 Resp: 45540

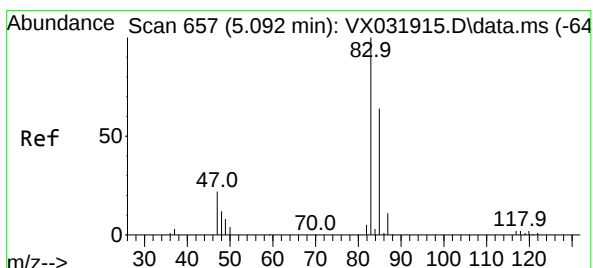
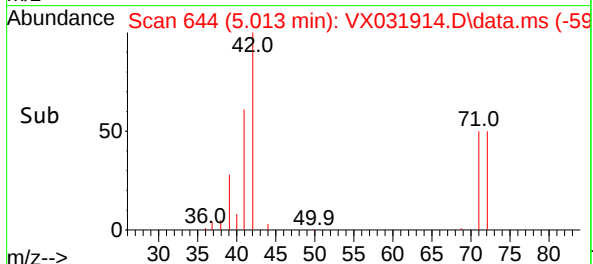
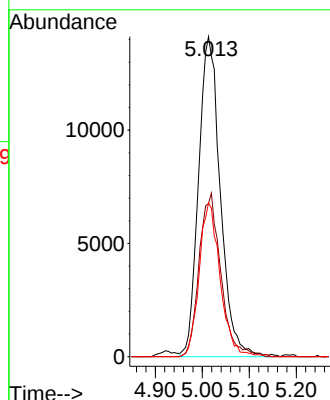
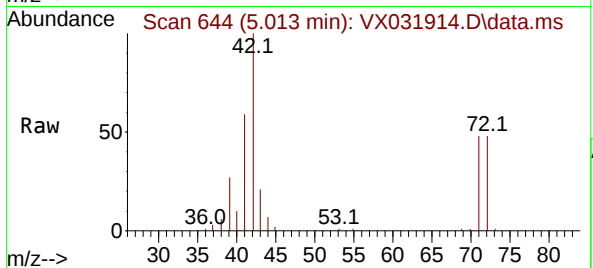
Ion	Ratio	Lower	Upper
42	100		
72	50.8	36.4	54.6
71	46.5	33.5	50.3

Manual Integrations

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Reviewed By :John Carlone 10/07/2022

Supervised By :Mahesh Dadoda 10/07/2022



#30

Chloroform

Concen: 23.874 ug/l

RT: 5.099 min Scan# 658

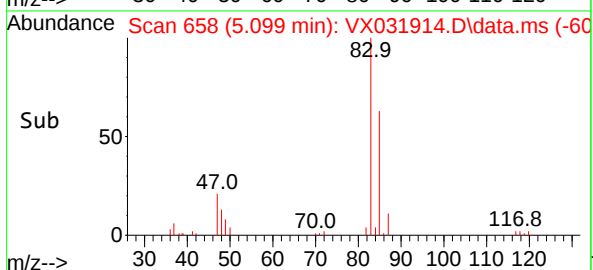
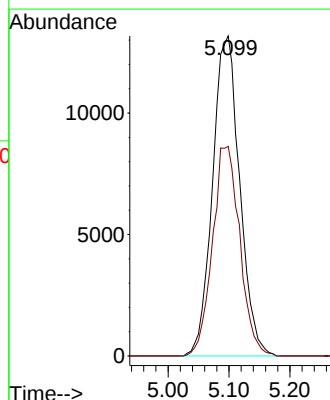
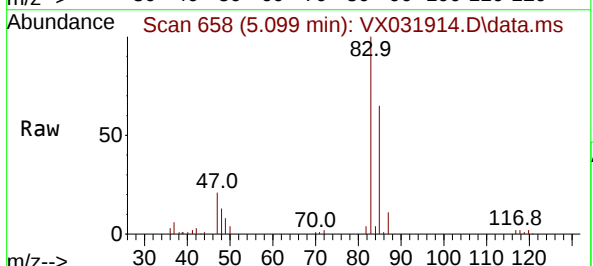
Delta R.T. 0.006 min

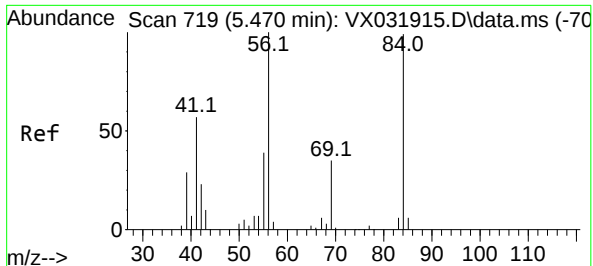
Lab File: VX031914.D

Acq: 06 Oct 2022 12:12

Tgt Ion: 83 Resp: 40708

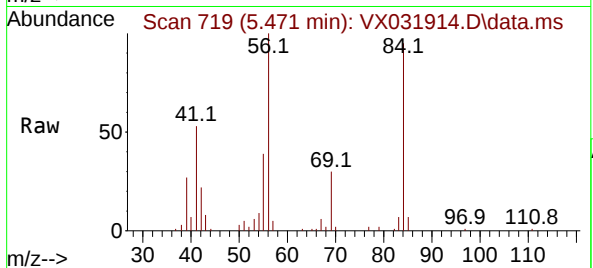
Ion	Ratio	Lower	Upper
83	100		
85	65.5	52.8	79.2





#31
Cyclohexane
Concen: 25.482 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX031914.D
Acq: 06 Oct 2022 12:12

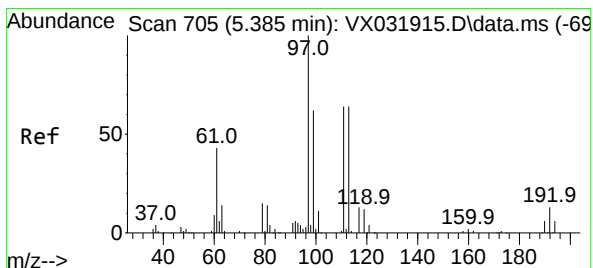
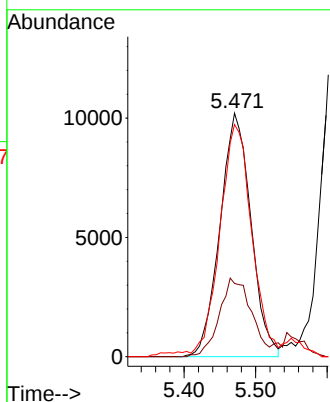
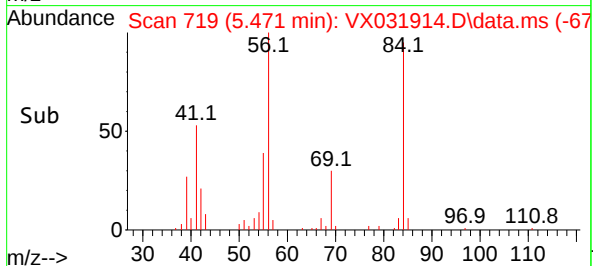
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



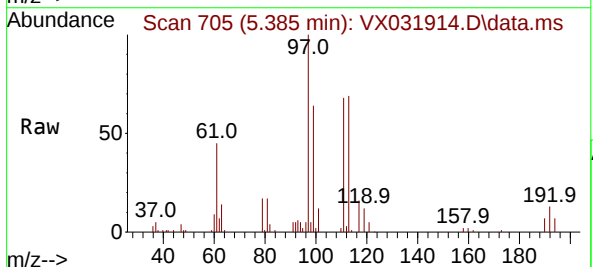
Tgt Ion: 56 Resp: 30678
Ion Ratio Lower Upper
56 100
69 30.1 25.1 37.7
84 93.4 70.2 105.4

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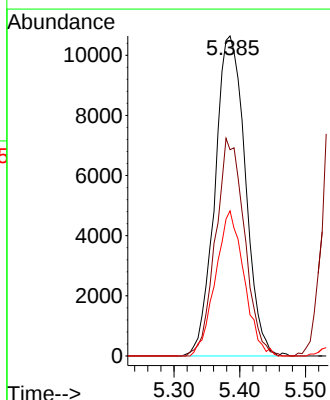
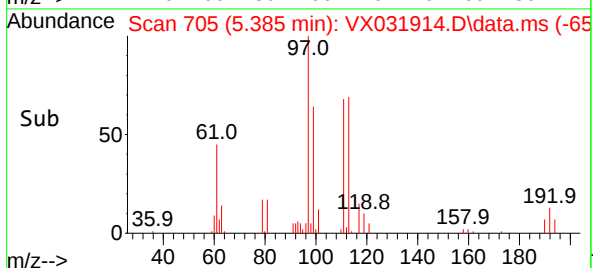
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

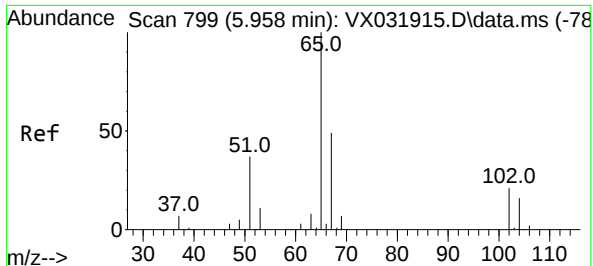


#32
1,1,1-Trichloroethane
Concen: 22.934 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031914.D
Acq: 06 Oct 2022 12:12



Tgt Ion: 97 Resp: 34150
Ion Ratio Lower Upper
97 100
99 64.9 51.3 76.9
61 42.8 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 24.775 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031914.D

Acq: 06 Oct 2022 12:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 2523

Ion Ratio Lower Upper

65 100

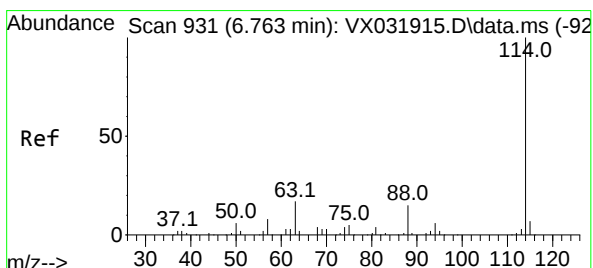
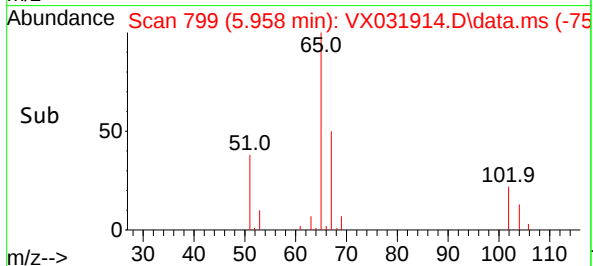
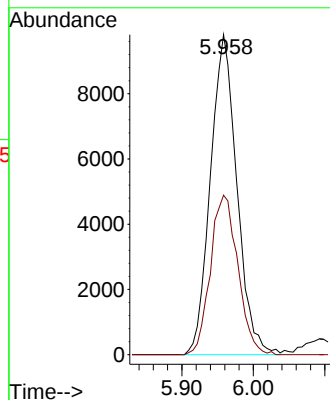
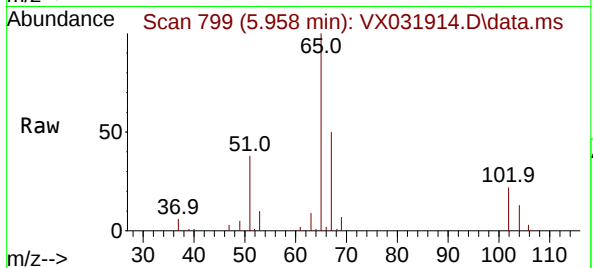
67 51.6 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/07/2022

Supervised By :Mahesh Dadoda 10/07/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX031914.D

Acq: 06 Oct 2022 12:12

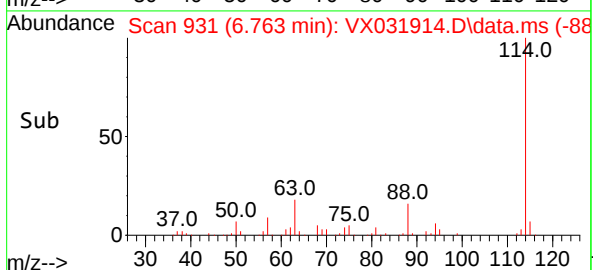
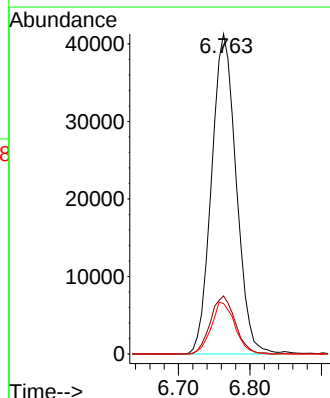
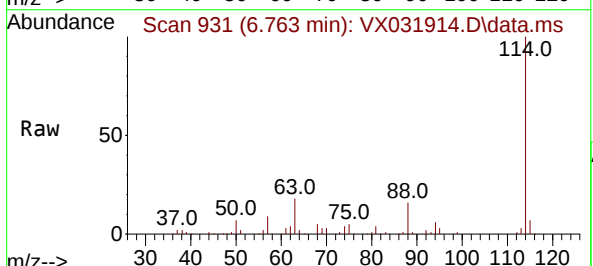
Tgt Ion:114 Resp: 98855

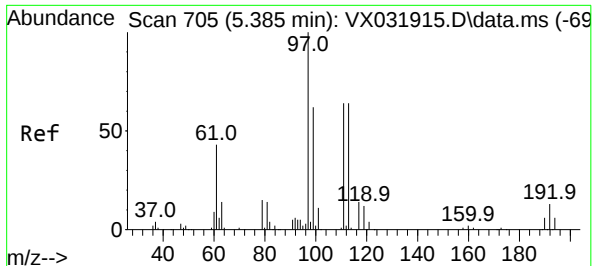
Ion Ratio Lower Upper

114 100

63 18.2 0.0 42.6

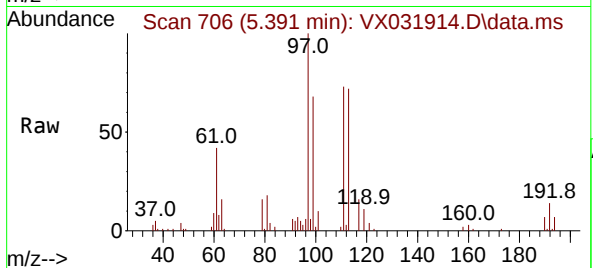
88 15.7 0.0 33.0





#35
Dibromofluoromethane
Concen: 19.899 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX031914.D
Acq: 06 Oct 2022 12:12

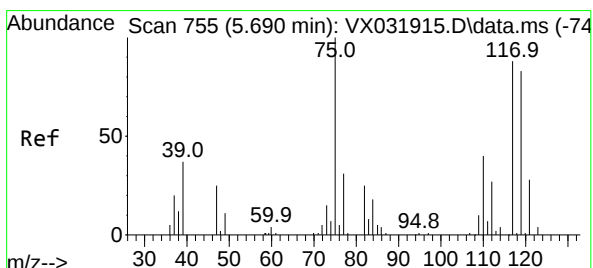
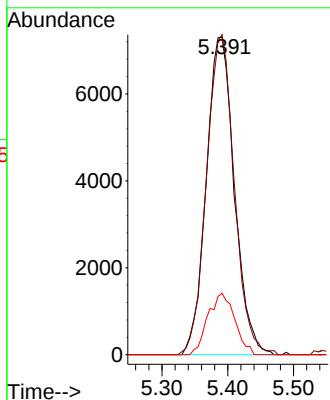
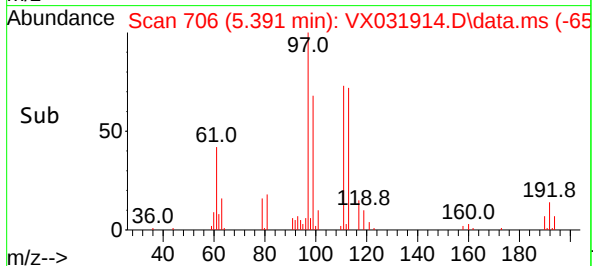
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



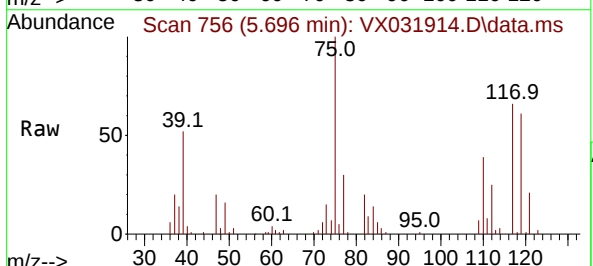
Tgt Ion: 113 Resp: 2168
Ion Ratio Lower Upper
113 100
111 100.0 82.4 123.6
192 18.5 14.1 21.1

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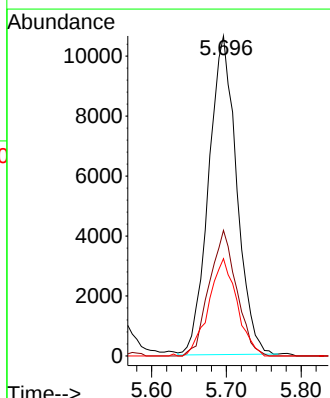
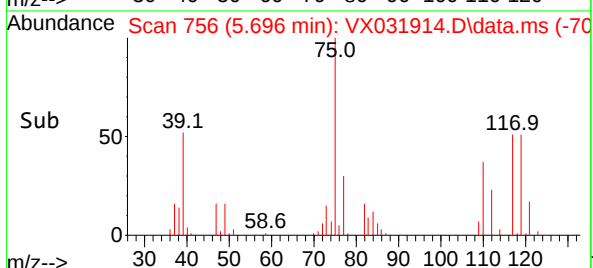
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

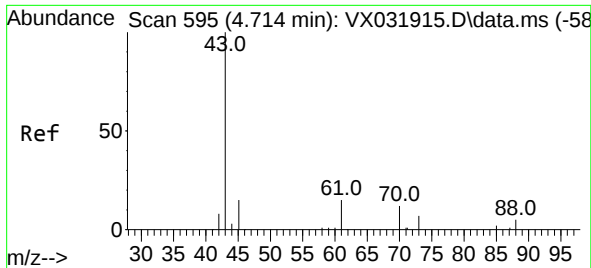


#36
1,1-Dichloropropene
Concen: 21.285 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX031914.D
Acq: 06 Oct 2022 12:12



Tgt Ion: 75 Resp: 27647
Ion Ratio Lower Upper
75 100
110 38.6 17.5 52.5
77 30.9 24.9 37.3





#37

Ethyl Acetate

Concen: 27.561 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX031914.D

Acq: 06 Oct 2022 12:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

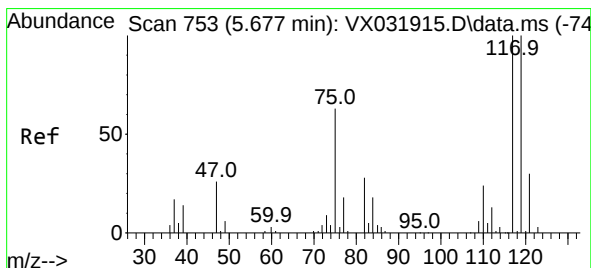
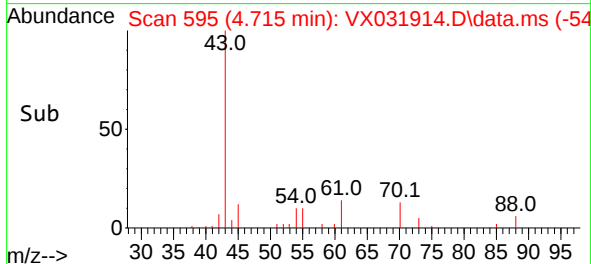
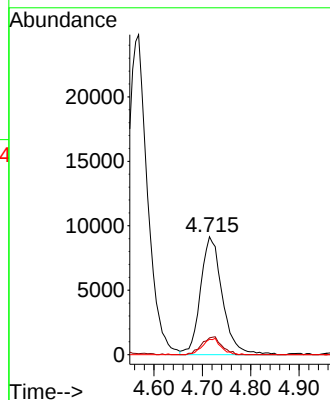
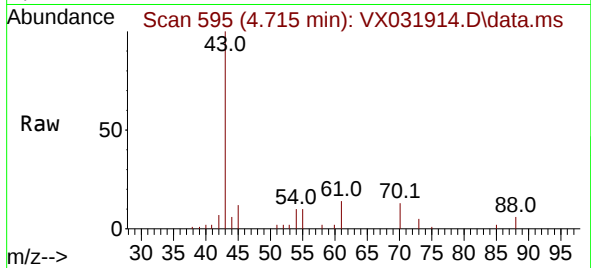
Tgt Ion: 43	Resp: 2875
Ion Ratio	Lower Upper
43 100	
61 13.8	11.1 16.7
70 11.6	8.6 13.0

Manual Integrations

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Reviewed By :John Carlone 10/07/2022

Supervised By :Mahesh Dadoda 10/07/2022



#38

Carbon Tetrachloride

Concen: 19.698 ug/l

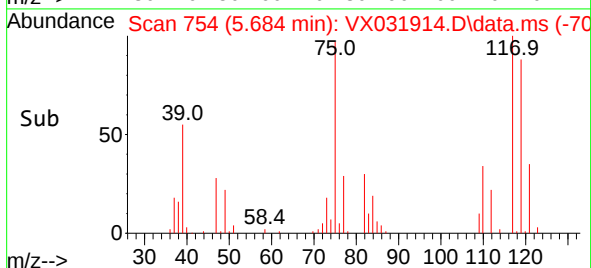
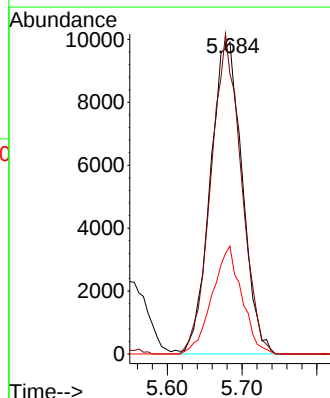
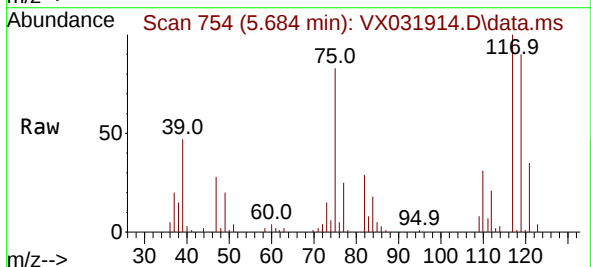
RT: 5.684 min Scan# 754

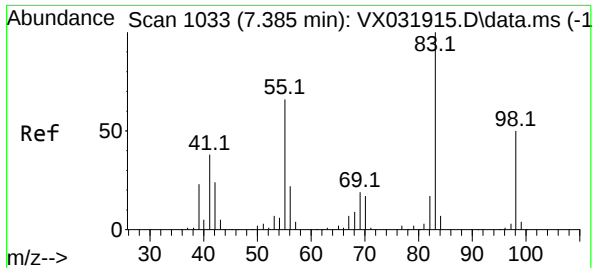
Delta R.T. 0.006 min

Lab File: VX031914.D

Acq: 06 Oct 2022 12:12

Tgt Ion: 117	Resp: 29473
Ion Ratio	Lower Upper
117 100	
119 89.8	74.6 112.0
121 34.6	25.3 37.9





#39

Methylcyclohexane

Concen: 20.450 ug/l

RT: 7.379 min Scan# 1033

Delta R.T. -0.006 min

Lab File: VX031914.D

Acq: 06 Oct 2022 12:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 83 Resp: 3375

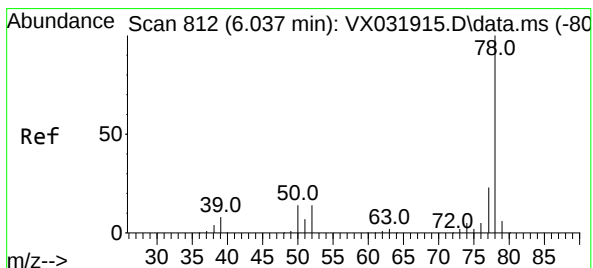
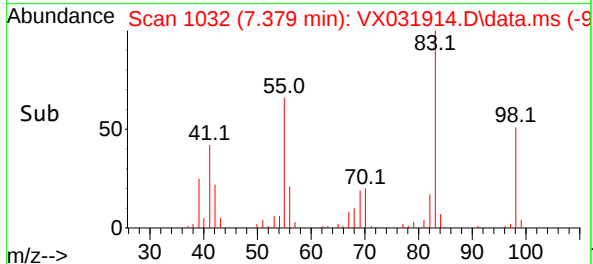
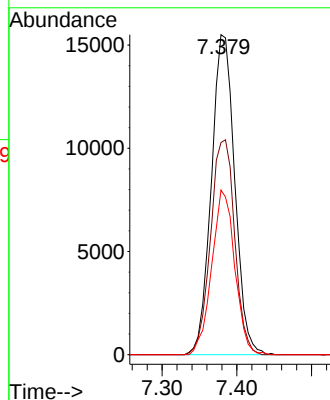
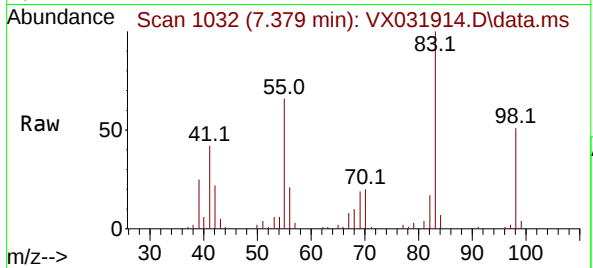
Ion	Ratio	Lower	Upper
83	100		
55	66.3	61.0	91.4
98	51.4	37.7	56.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/07/2022

Supervised By :Mahesh Dadoda 10/07/2022



#40

Benzene

Concen: 21.661 ug/l

RT: 6.037 min Scan# 812

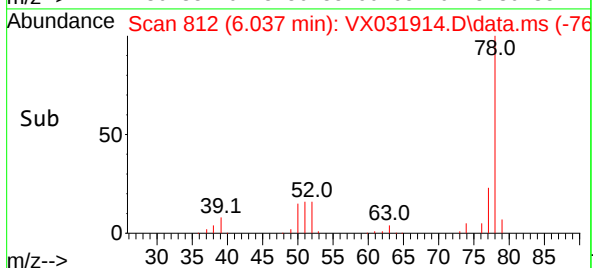
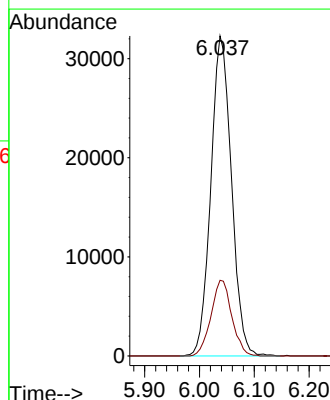
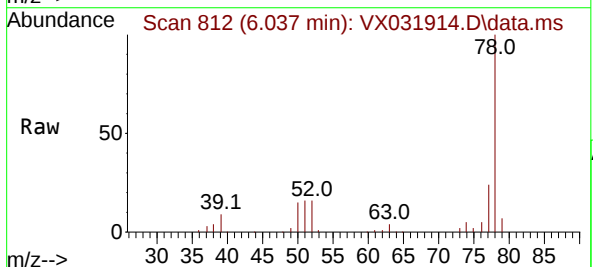
Delta R.T. 0.000 min

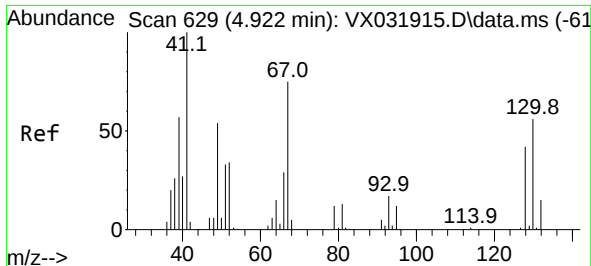
Lab File: VX031914.D

Acq: 06 Oct 2022 12:12

Tgt Ion: 78 Resp: 84348

Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.7	28.1





#41
Methacrylonitrile
Concen: 27.733 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX031914.D
Acq: 06 Oct 2022 12:12

Instrument :

MSVOA_X

ClientSampleId :

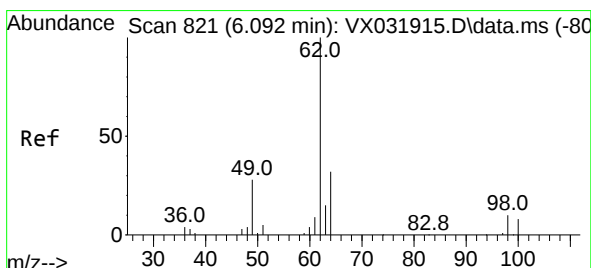
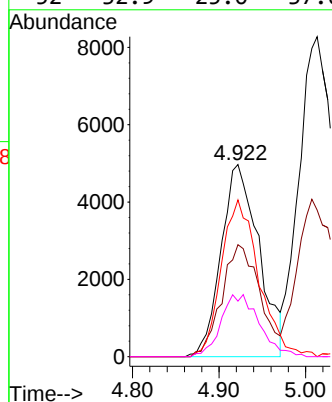
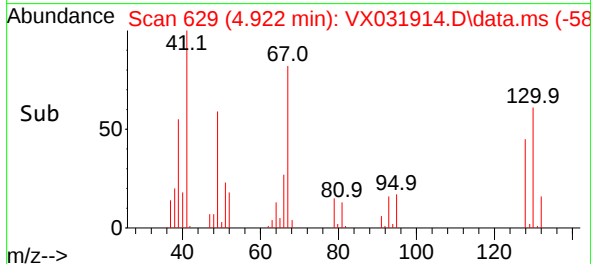
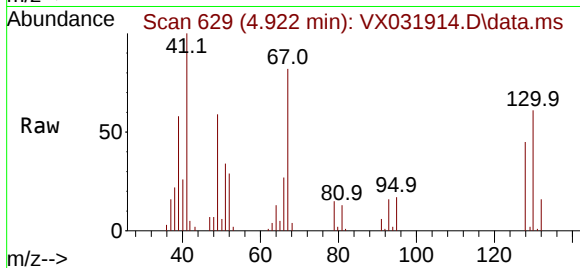
VSTDICC020

Tgt Ion: 41 Resp: 15062
Ion Ratio Lower Upper
41 100
39 58.9 45.0 67.6
67 81.5 58.2 87.4
52 32.9 25.0 37.6

Manual Integrations

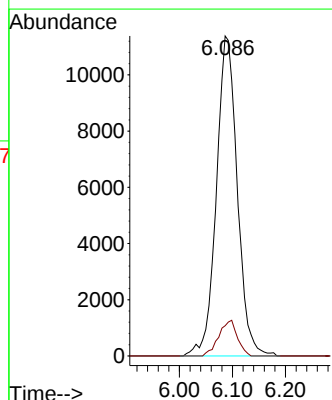
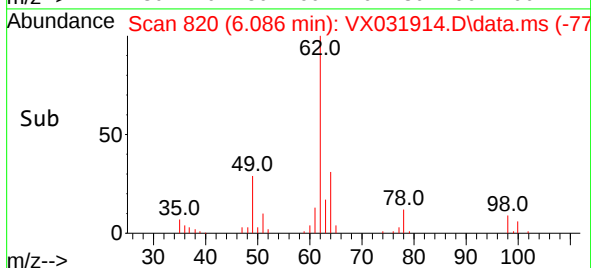
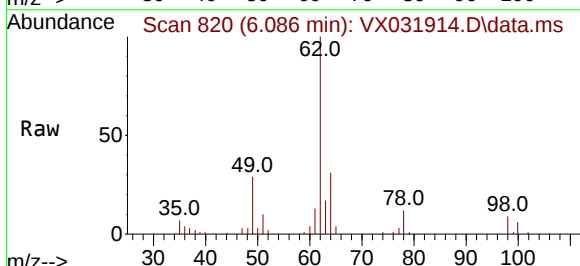
APPROVED

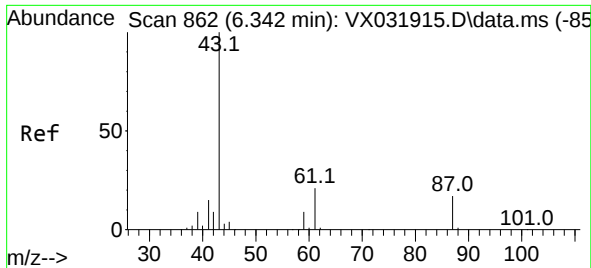
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#42
1,2-Dichloroethane
Concen: 23.686 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX031914.D
Acq: 06 Oct 2022 12:12

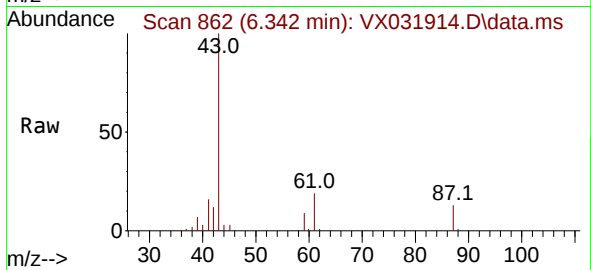
Tgt Ion: 62 Resp: 31211
Ion Ratio Lower Upper
62 100
98 9.9 0.0 17.8





#43
Isopropyl Acetate
Concen: 26.414 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX031914.D
Acq: 06 Oct 2022 12:12

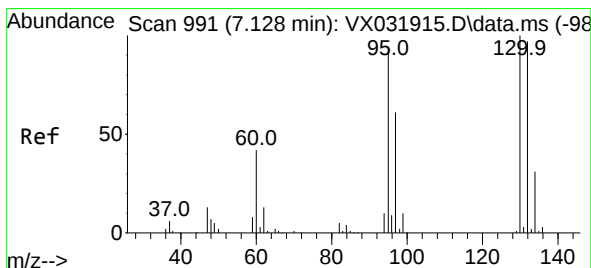
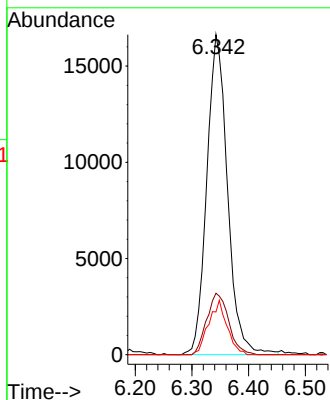
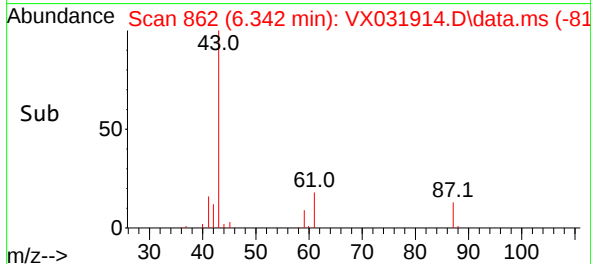
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



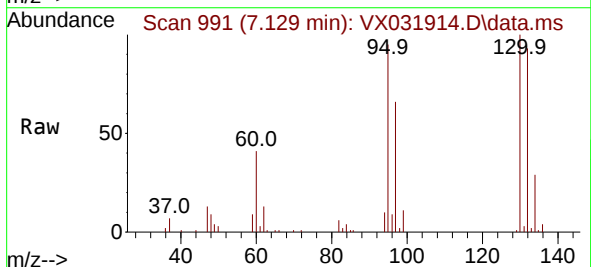
Tgt Ion: 43 Resp: 42192
Ion Ratio Lower Upper
43 100
61 20.3 15.3 22.9
87 15.1 10.6 15.8

Manual Integrations
APPROVED

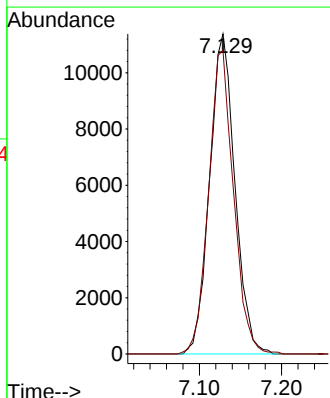
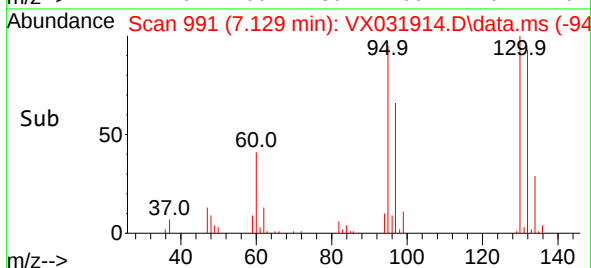
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

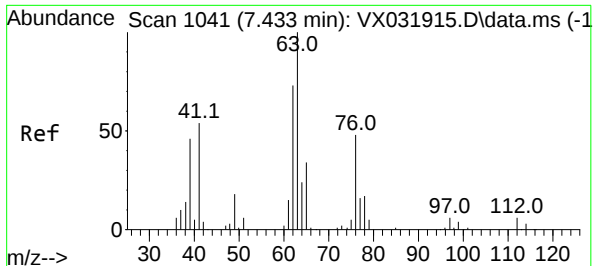


#44
Trichloroethene
Concen: 18.884 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX031914.D
Acq: 06 Oct 2022 12:12



Tgt Ion:130 Resp: 24307
Ion Ratio Lower Upper
130 100
95 94.9 0.0 206.8





#45

1,2-Dichloropropane

Concen: 23.454 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX031914.D

Acq: 06 Oct 2022 12:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 20729

Ion Ratio Lower Upper

63 100

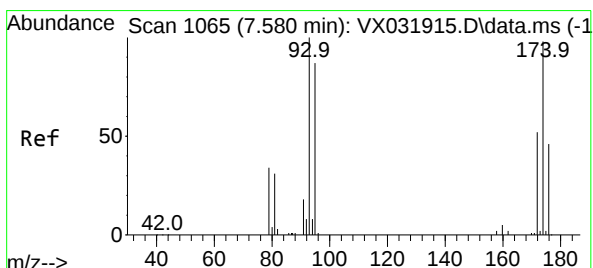
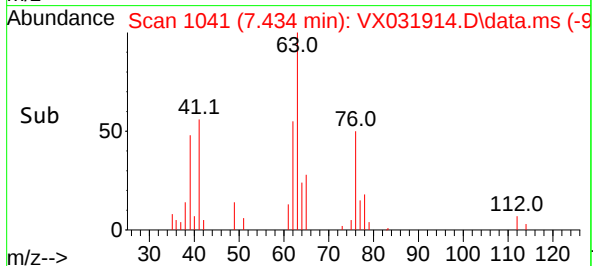
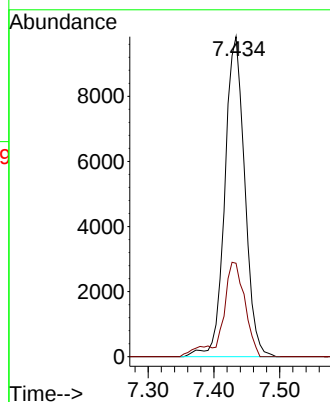
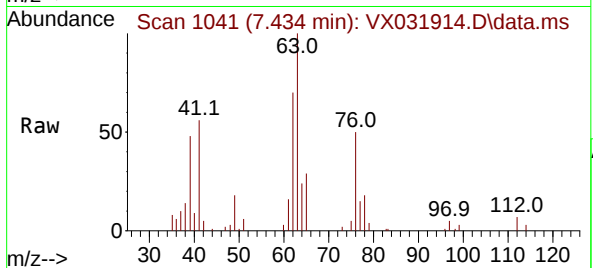
65 29.2 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/07/2022

Supervised By :Mahesh Dadoda 10/07/2022



#46

Dibromomethane

Concen: 21.090 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX031914.D

Acq: 06 Oct 2022 12:12

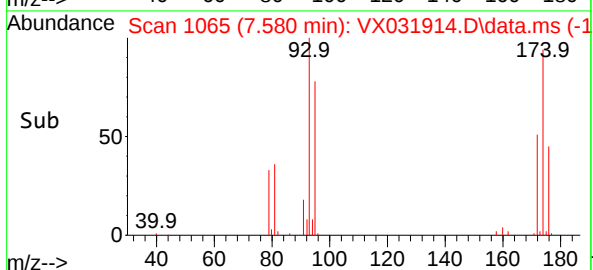
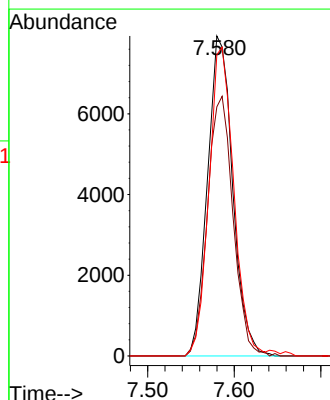
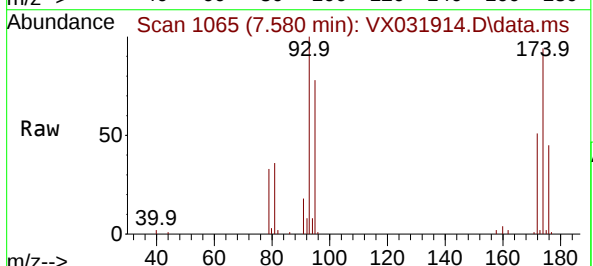
Tgt Ion: 93 Resp: 16041

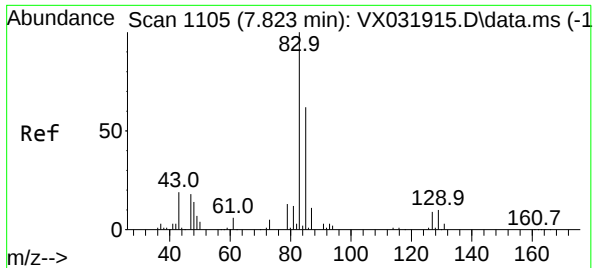
Ion Ratio Lower Upper

93 100

95 82.4 65.5 98.3

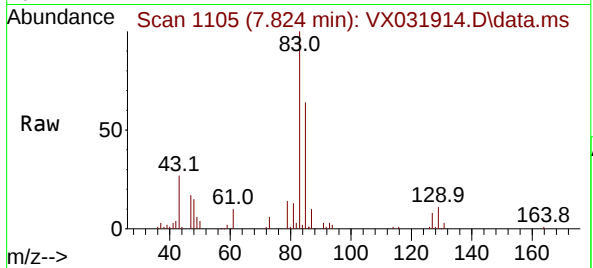
174 95.9 67.6 101.4





#47
Bromodichloromethane
Concen: 22.191 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX031914.D
Acq: 06 Oct 2022 12:12

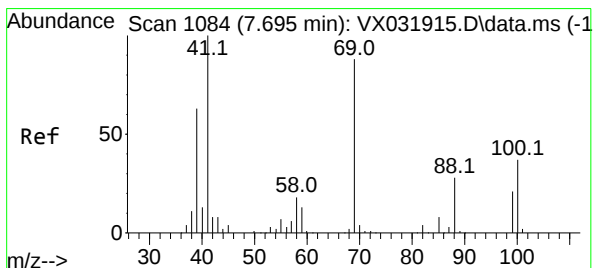
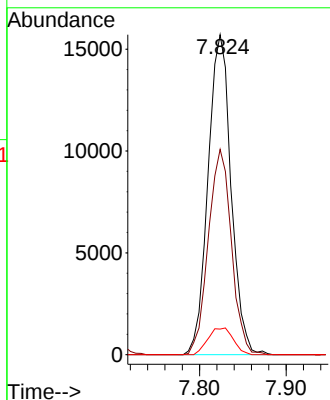
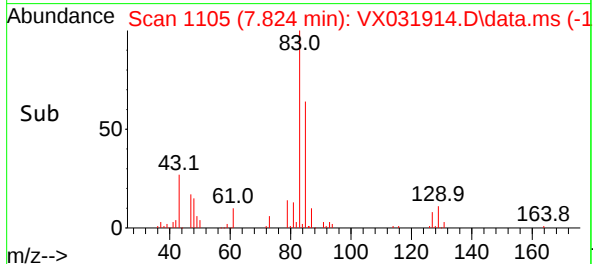
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 83 Resp: 29040
Ion Ratio Lower Upper
83 100
85 64.2 51.0 76.6
127 8.0 7.0 10.6

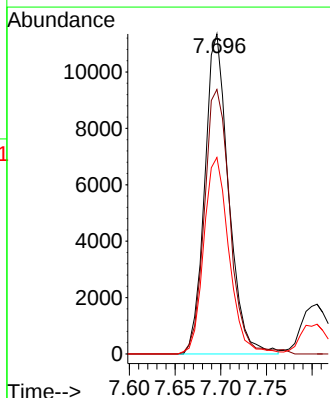
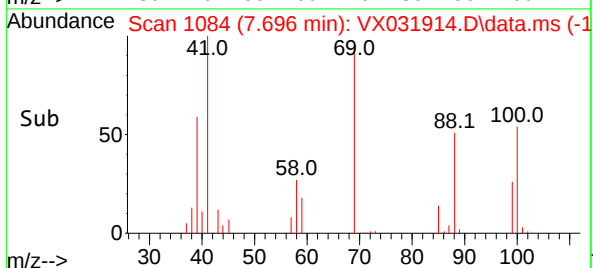
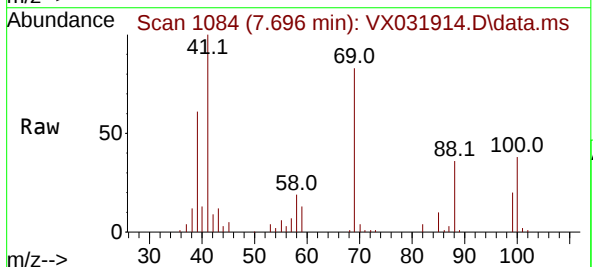
Manual Integrations
APPROVED

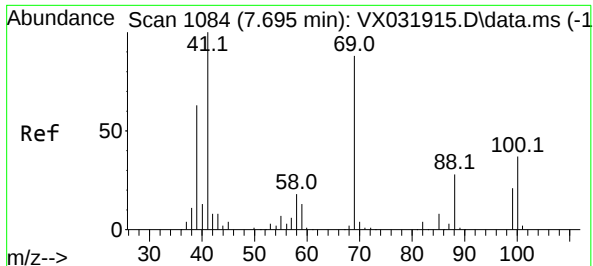
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#48
Methyl methacrylate
Concen: 27.026 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX031914.D
Acq: 06 Oct 2022 12:12

Tgt Ion: 41 Resp: 20640
Ion Ratio Lower Upper
41 100
69 88.3 64.6 96.8
39 64.8 51.4 77.0





#49

1,4-Dioxane

Concen: 456.269 ug/l

RT: 7.696 min Scan# 1084

Delta R.T. 0.000 min

Lab File: VX031914.D

Acq: 06 Oct 2022 12:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 88 Resp: 10928

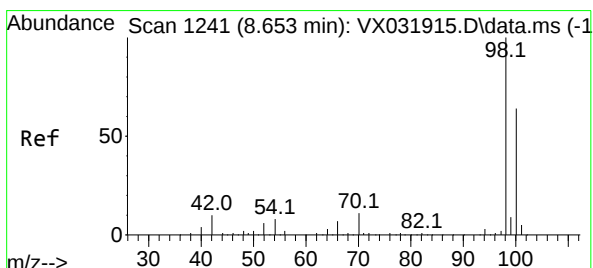
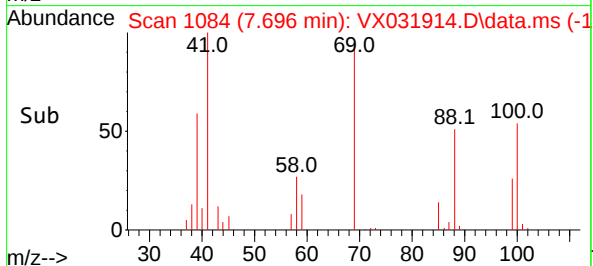
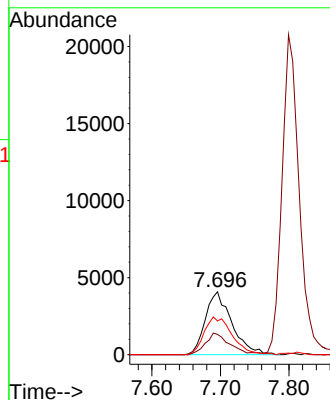
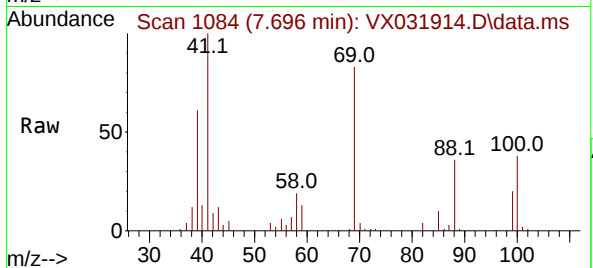
Ion	Ratio	Lower	Upper
88	100		
43	31.8	27.1	40.7
58	63.3	53.9	80.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/07/2022

Supervised By :Mahesh Dadoda 10/07/2022



#50

Toluene-d8

Concen: 20.043 ug/l

RT: 8.653 min Scan# 1241

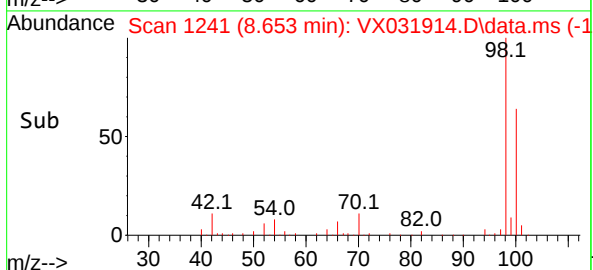
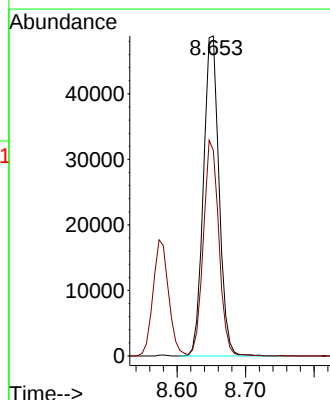
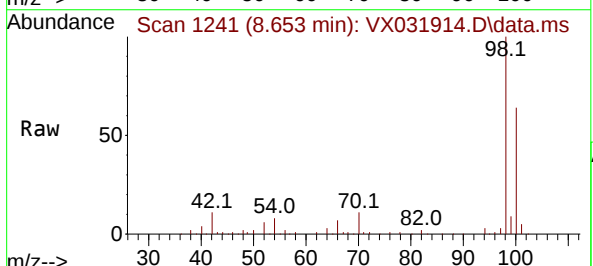
Delta R.T. 0.000 min

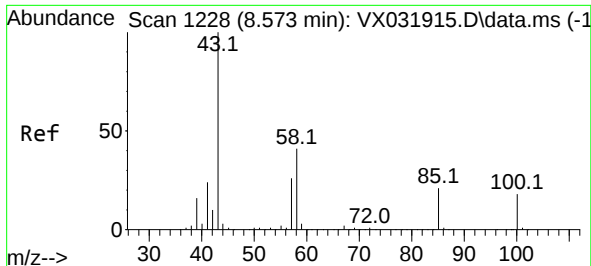
Lab File: VX031914.D

Acq: 06 Oct 2022 12:12

Tgt Ion: 98 Resp: 77589

Ion	Ratio	Lower	Upper
98	100		
100	66.7	52.5	78.7





#51

4-Methyl-2-Pentanone

Concen: 133.837 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX031914.D

Acq: 06 Oct 2022 12:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 14408

Ion Ratio Lower Upper

43 100

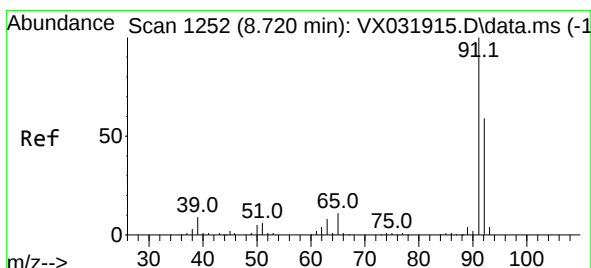
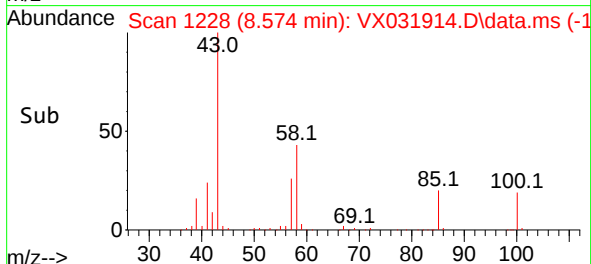
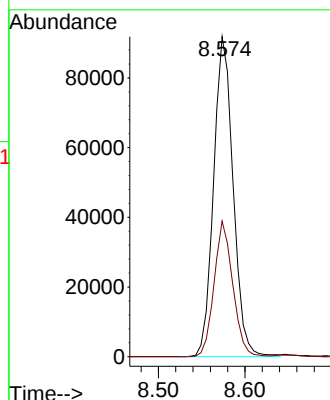
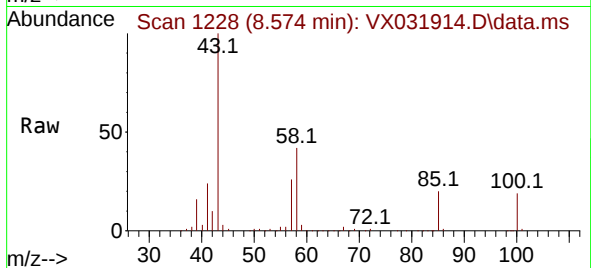
58 40.6 30.6 46.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/07/2022

Supervised By :Mahesh Dadoda 10/07/2022



#52

Toluene

Concen: 20.551 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX031914.D

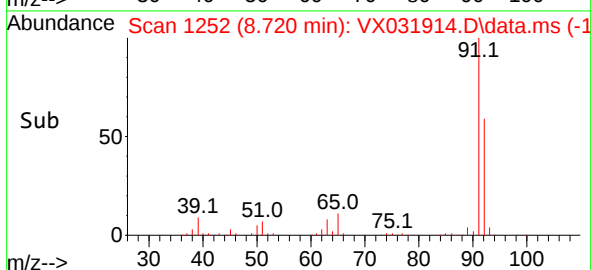
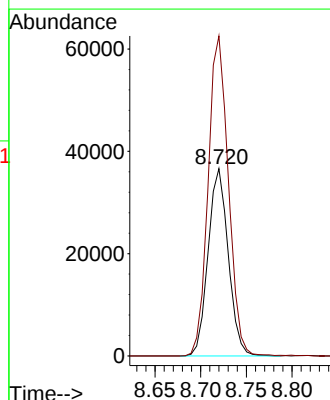
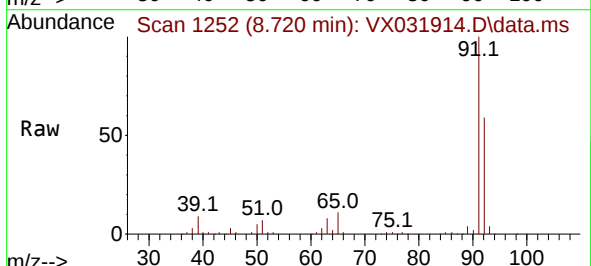
Acq: 06 Oct 2022 12:12

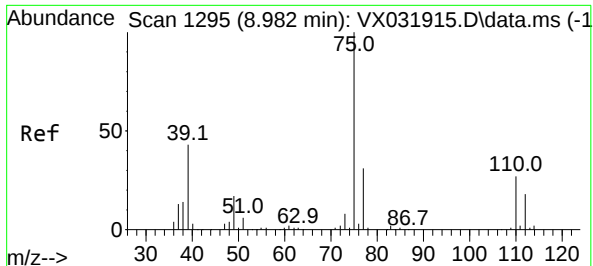
Tgt Ion: 92 Resp: 56013

Ion Ratio Lower Upper

92 100

91 172.1 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 23.001 ug/l

RT: 8.982 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX031914.D

Acq: 06 Oct 2022 12:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 75 Resp: 2744

Ion Ratio Lower Upper

75 100

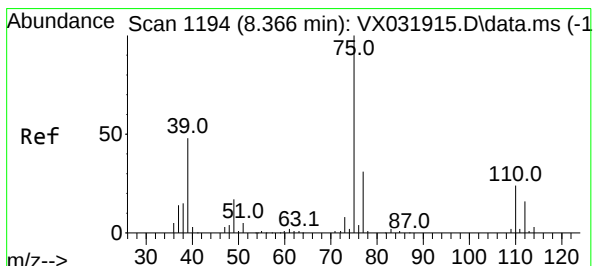
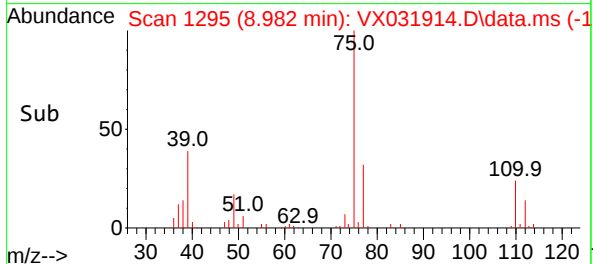
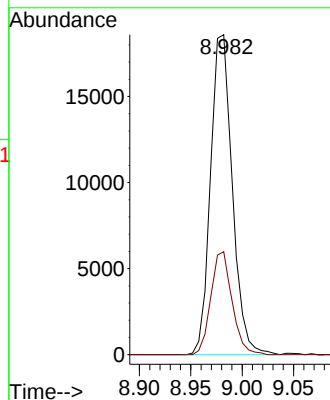
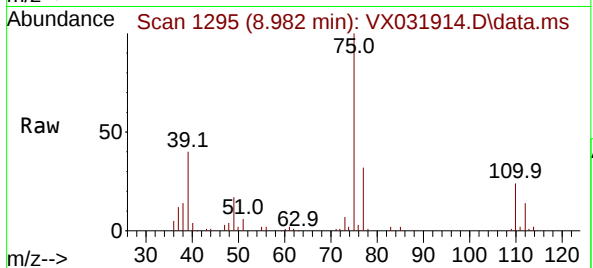
77 32.2 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/07/2022

Supervised By :Mahesh Dadoda 10/07/2022



#54

cis-1,3-Dichloropropene

Concen: 22.878 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX031914.D

Acq: 06 Oct 2022 12:12

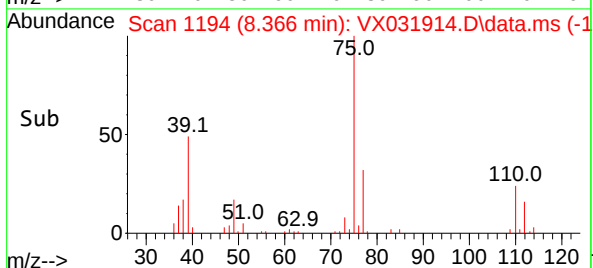
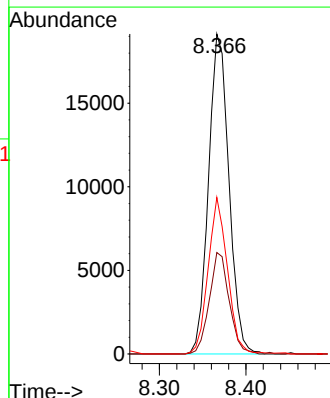
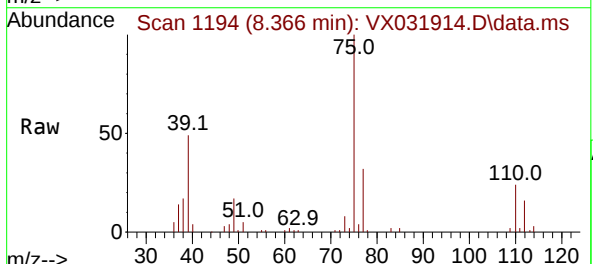
Tgt Ion: 75 Resp: 31343

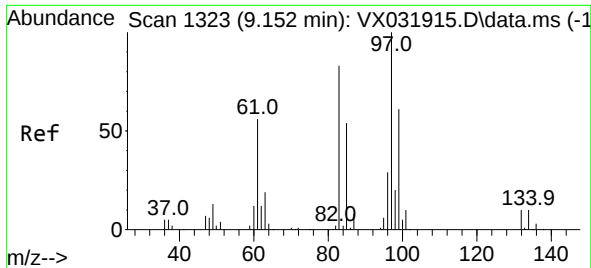
Ion Ratio Lower Upper

75 100

77 31.7 24.4 36.6

39 48.9 43.7 65.5





#55
1,1,2-Trichloroethane
Concen: 20.621 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX031914.D
Acq: 06 Oct 2022 12:12

Instrument :

MSVOA_X

ClientSampleId :

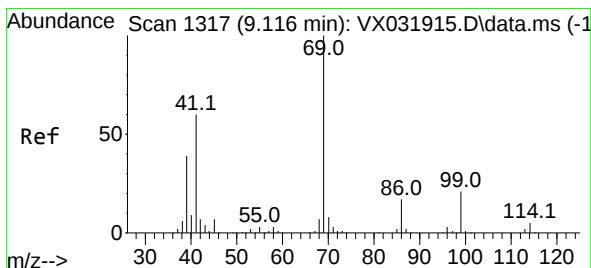
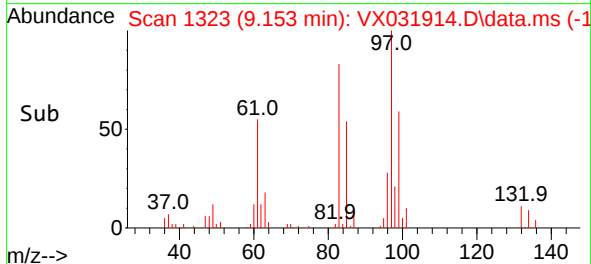
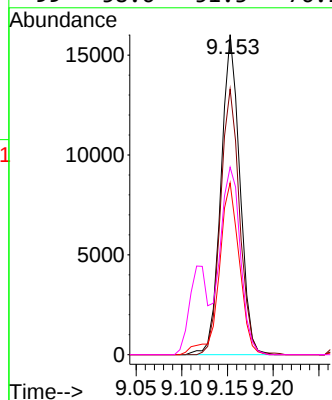
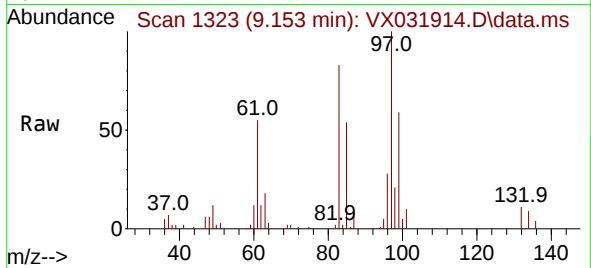
VSTDIC020

Tgt Ion: 97 Resp: 23080
Ion Ratio Lower Upper
97 100
83 83.0 69.0 103.6
85 53.7 44.1 66.1
99 58.6 51.3 76.9

Manual Integrations

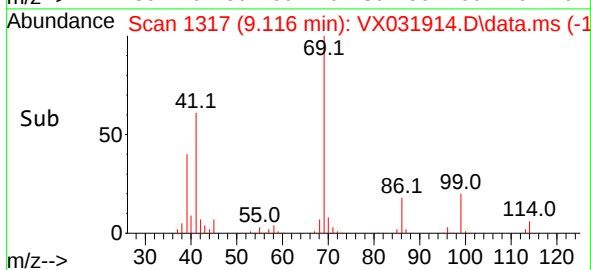
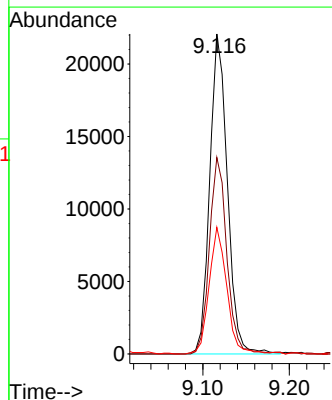
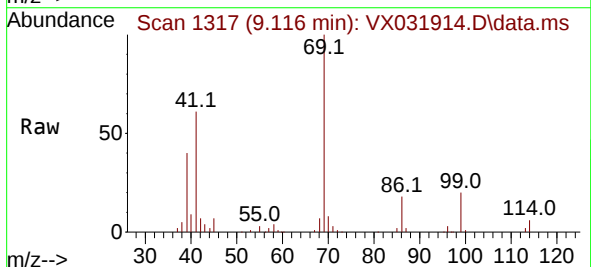
APPROVED

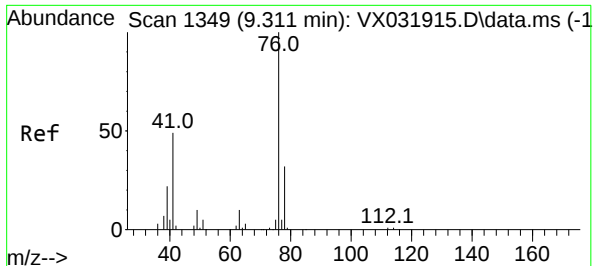
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#56
Ethyl methacrylate
Concen: 23.569 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX031914.D
Acq: 06 Oct 2022 12:12

Tgt Ion: 69 Resp: 31213
Ion Ratio Lower Upper
69 100
41 61.1 54.2 81.4
39 39.9 34.2 51.2





#57

1,3-Dichloropropane

Concen: 22.359 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX031914.D

Acq: 06 Oct 2022 12:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 37724

Ion Ratio Lower Upper

76 100

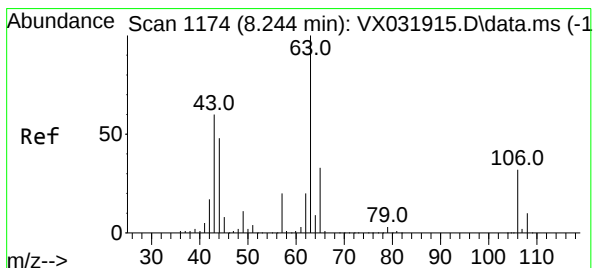
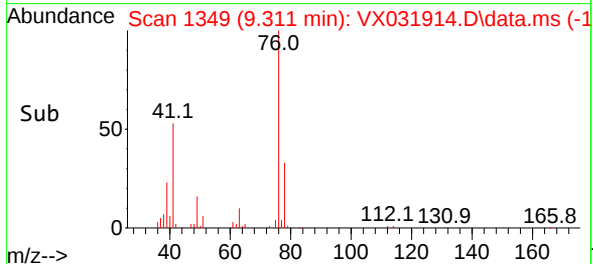
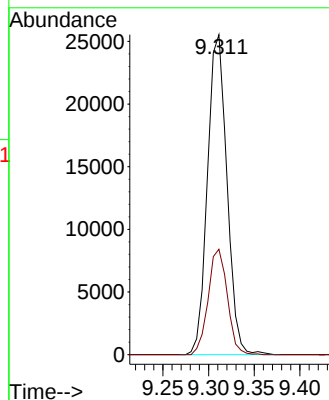
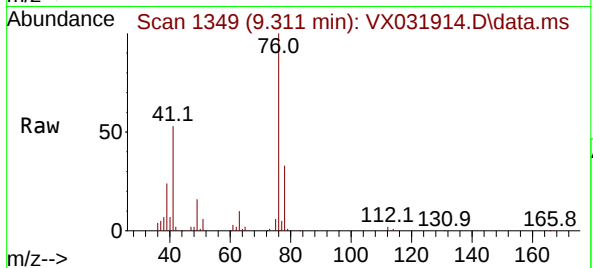
78 32.5 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/07/2022

Supervised By :Mahesh Dadoda 10/07/2022



#58

2-Chloroethyl Vinyl ether

Concen: 120.961 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX031914.D

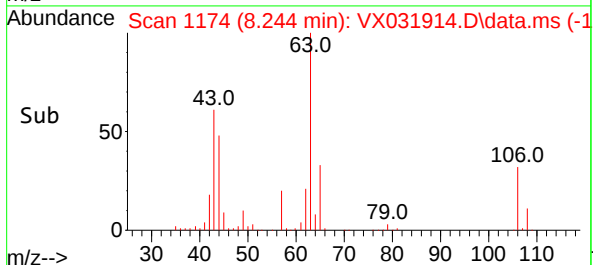
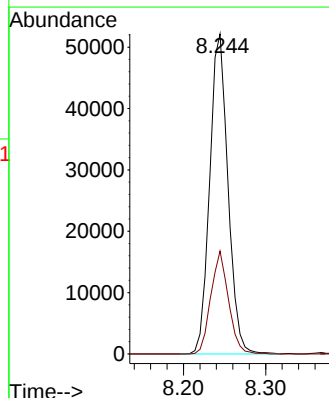
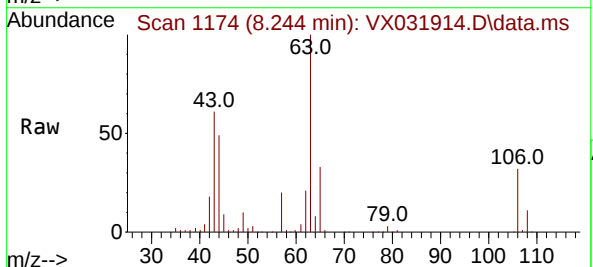
Acq: 06 Oct 2022 12:12

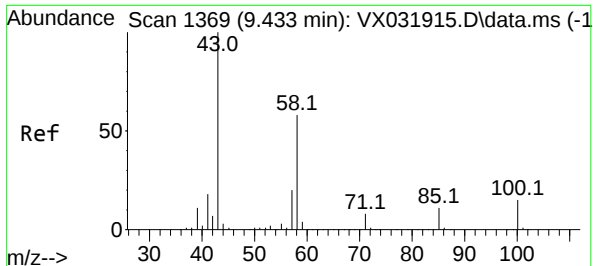
Tgt Ion: 63 Resp: 80503

Ion Ratio Lower Upper

63 100

106 31.1 22.6 34.0





#59

2-Hexanone

Concen: 137.076 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX031914.D

Acq: 06 Oct 2022 12:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 107238

Ion Ratio Lower Upper

43 100

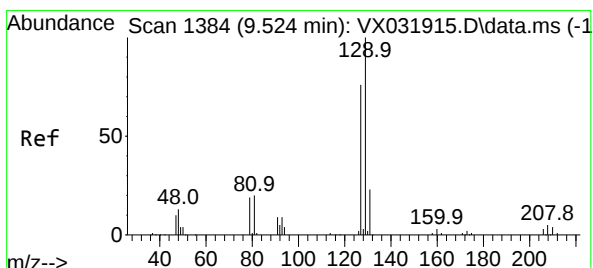
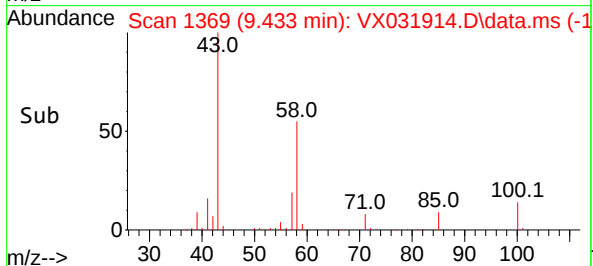
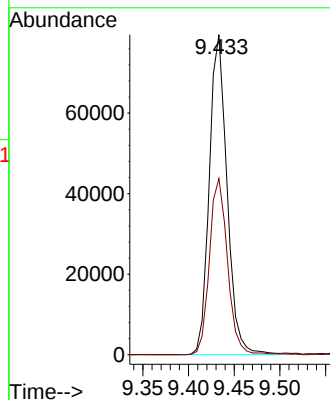
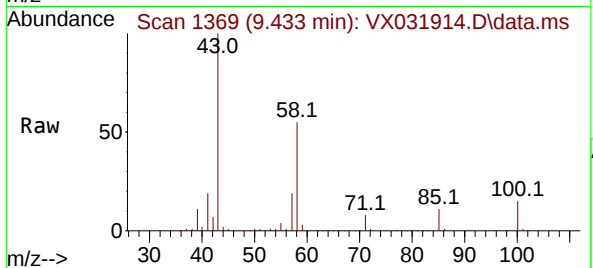
58 56.1 26.7 80.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/07/2022

Supervised By :Mahesh Dadoda 10/07/2022



#60

Dibromochloromethane

Concen: 19.977 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VX031914.D

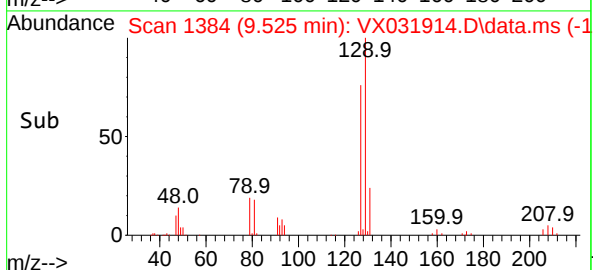
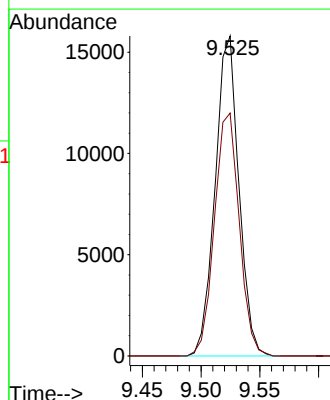
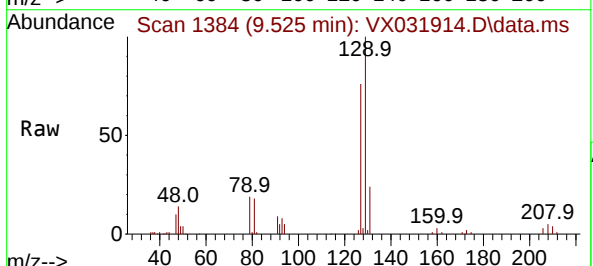
Acq: 06 Oct 2022 12:12

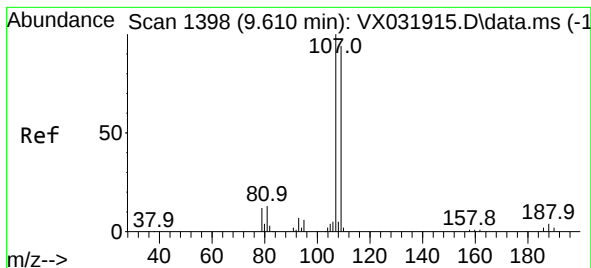
Tgt Ion:129 Resp: 22161

Ion Ratio Lower Upper

129 100

127 79.5 38.7 116.1





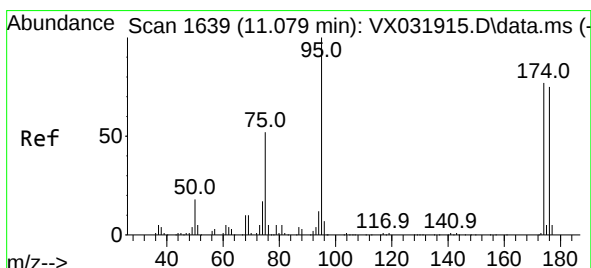
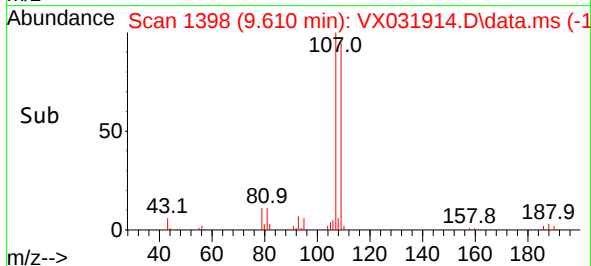
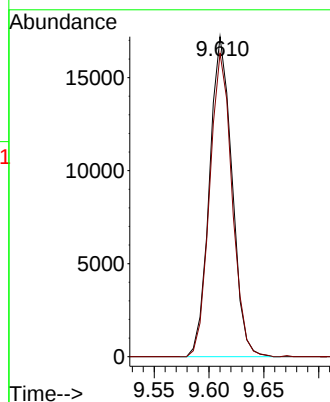
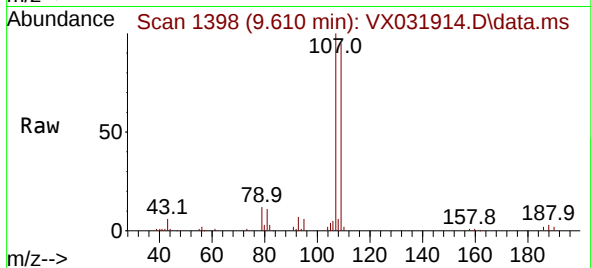
#61
1,2-Dibromoethane
Concen: 20.828 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX031914.D
Acq: 06 Oct 2022 12:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:107 Resp: 2455
Ion Ratio Lower Upper
107 100
109 94.2 74.2 111.4

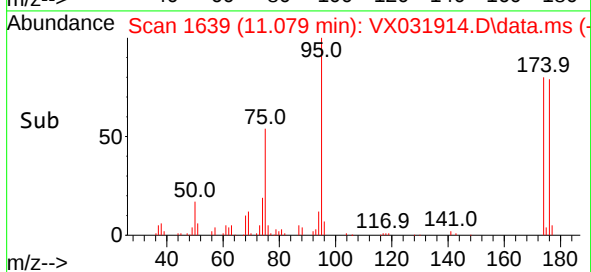
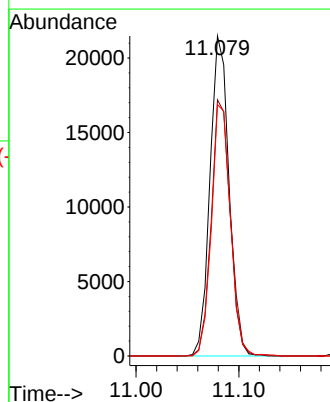
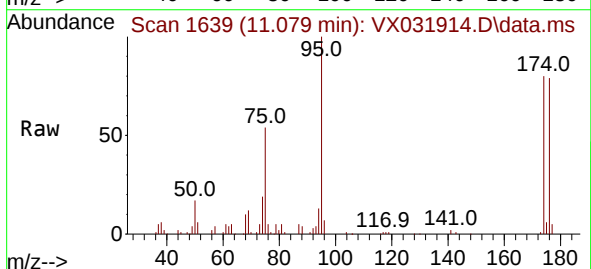
Manual Integrations
APPROVED

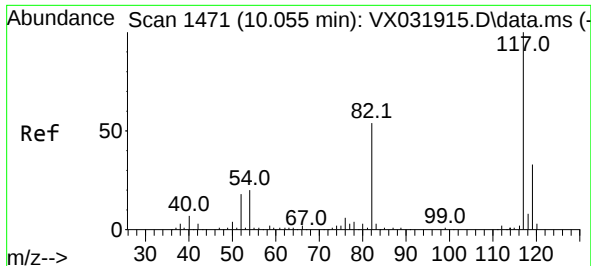
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#62
4-Bromofluorobenzene
Concen: 19.674 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031914.D
Acq: 06 Oct 2022 12:12

Tgt Ion: 95 Resp: 27477
Ion Ratio Lower Upper
95 100
174 80.9 0.0 153.2
176 78.4 0.0 144.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX031914.D

Acq: 06 Oct 2022 12:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion:117 Resp: 106950

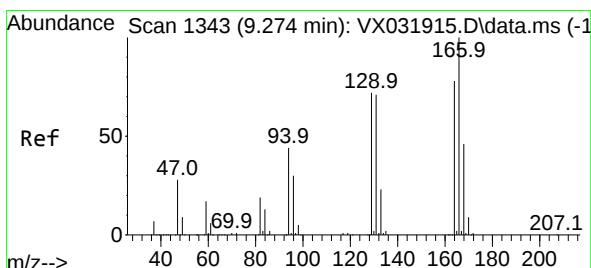
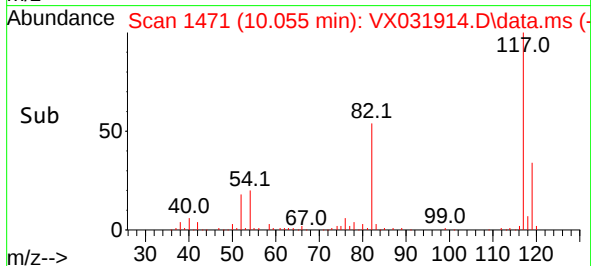
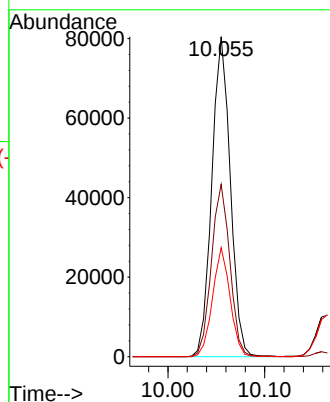
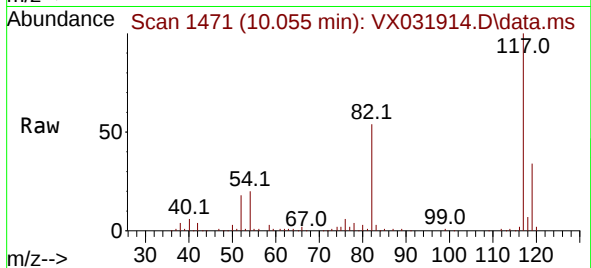
Ion	Ratio	Lower	Upper
117	100		
82	53.8	46.8	70.2
119	34.0	26.4	39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/07/2022

Supervised By :Mahesh Dadoda 10/07/2022



#64

Tetrachloroethene

Concen: 18.047 ug/l

RT: 9.275 min Scan# 1343

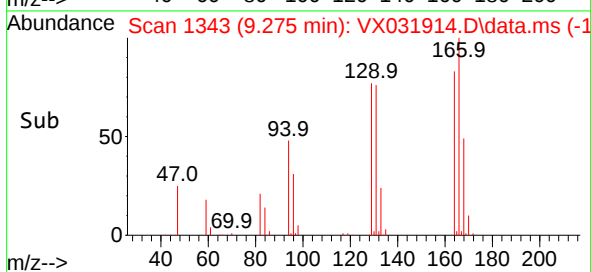
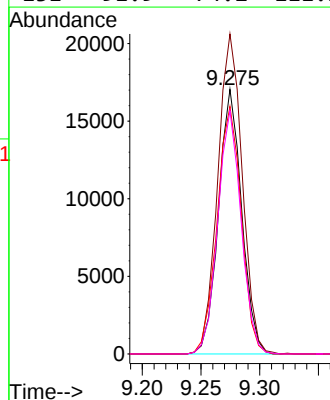
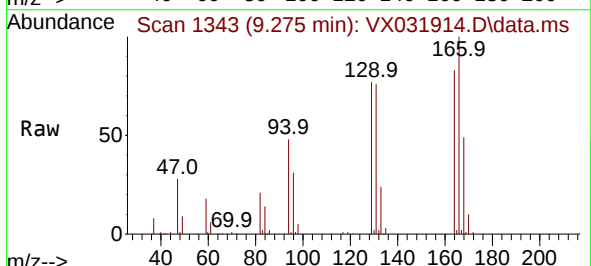
Delta R.T. 0.000 min

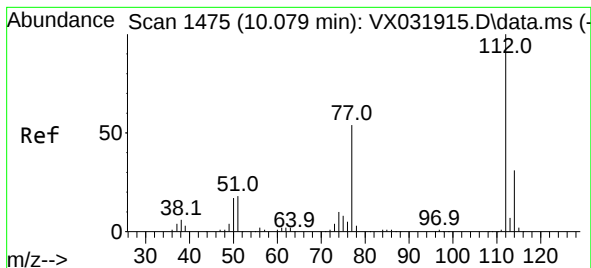
Lab File: VX031914.D

Acq: 06 Oct 2022 12:12

Tgt Ion:164 Resp: 23422

Ion	Ratio	Lower	Upper
164	100		
166	120.9	99.0	148.4
129	93.5	78.0	117.0
131	91.9	74.2	111.2





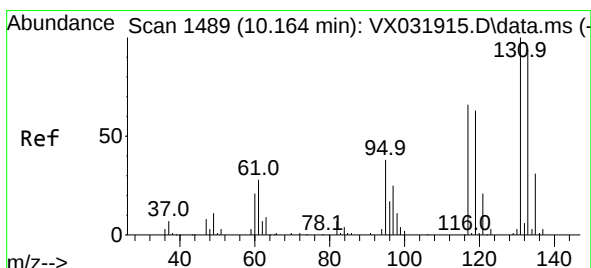
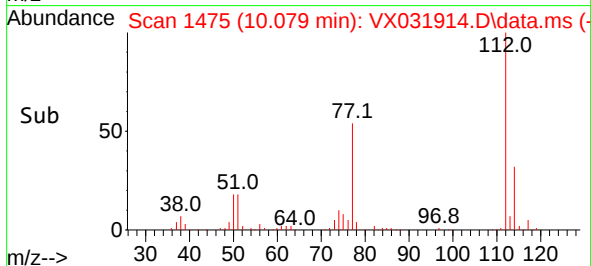
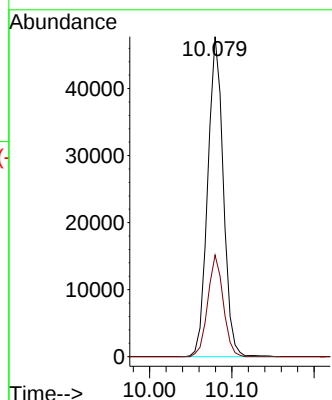
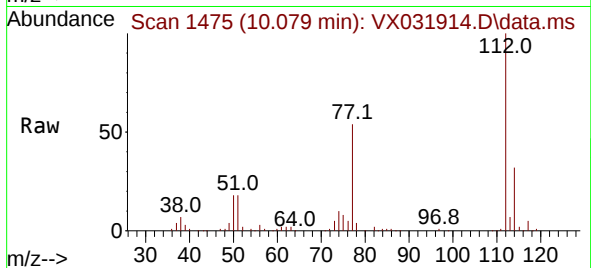
#65
Chlorobenzene
Concen: 20.477 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX031914.D
Acq: 06 Oct 2022 12:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:112 Resp: 62719
Ion Ratio Lower Upper
112 100
114 31.7 25.7 38.5

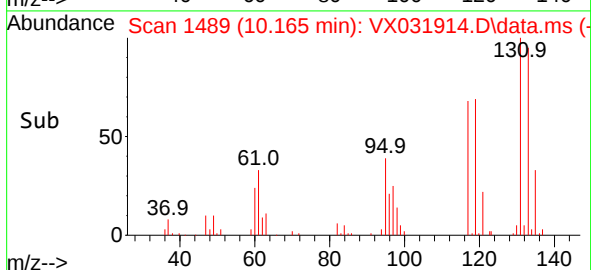
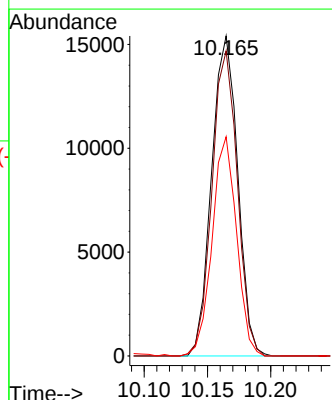
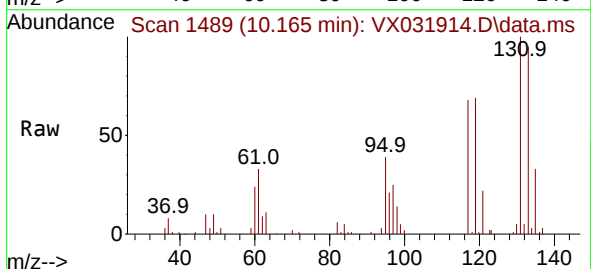
Manual Integrations
APPROVED

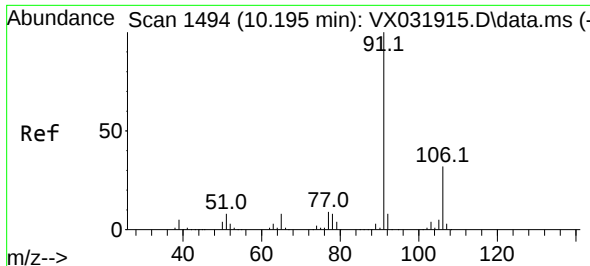
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 20.634 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX031914.D
Acq: 06 Oct 2022 12:12

Tgt Ion:131 Resp: 22068
Ion Ratio Lower Upper
131 100
133 93.0 46.6 139.7
119 64.2 31.9 95.9





#67

Ethyl Benzene

Concen: 21.609 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX031914.D

Acq: 06 Oct 2022 12:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 91 Resp: 10761

Ion Ratio Lower Upper

91 100

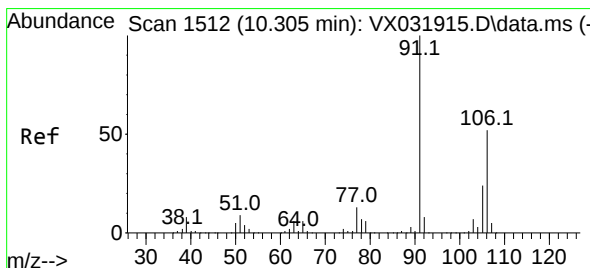
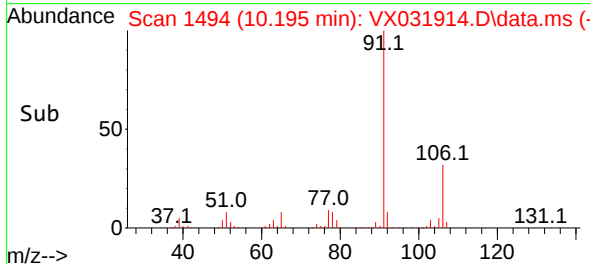
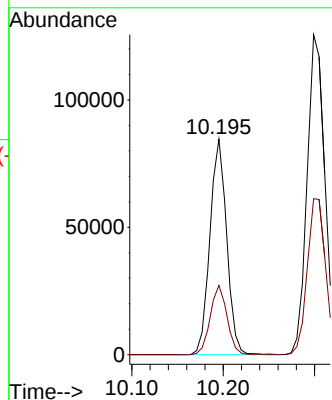
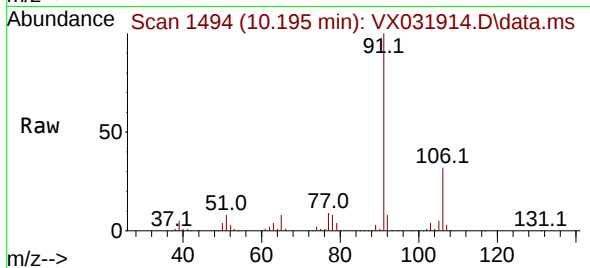
106 32.2 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/07/2022

Supervised By :Mahesh Dadoda 10/07/2022



#68

m/p-Xylenes

Concen: 41.347 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.006 min

Lab File: VX031914.D

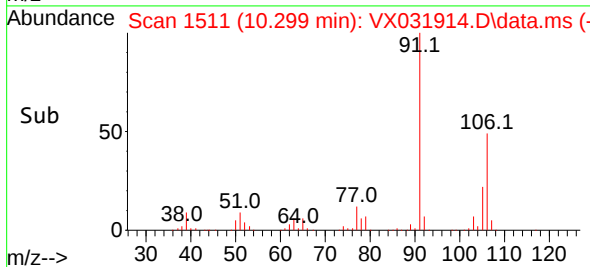
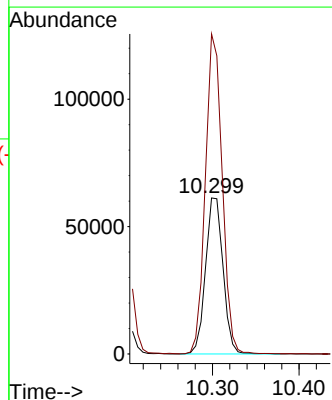
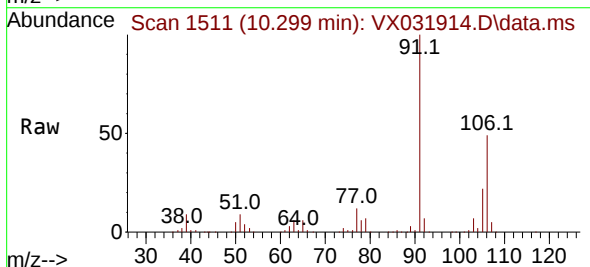
Acq: 06 Oct 2022 12:12

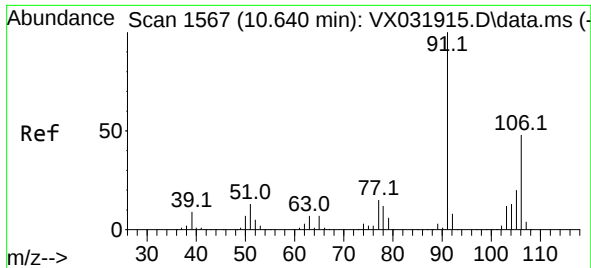
Tgt Ion:106 Resp: 85928

Ion Ratio Lower Upper

106 100

91 198.3 161.0 241.4





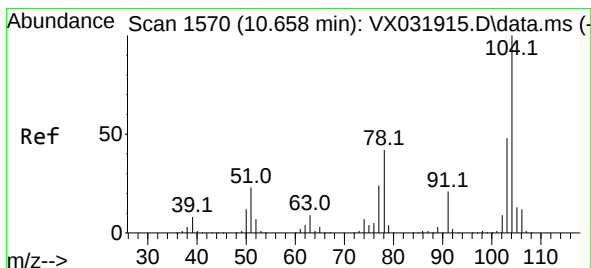
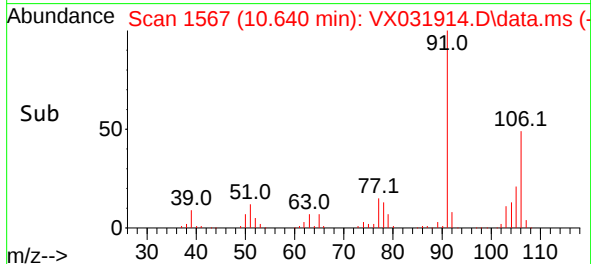
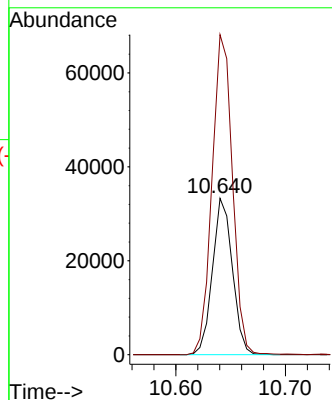
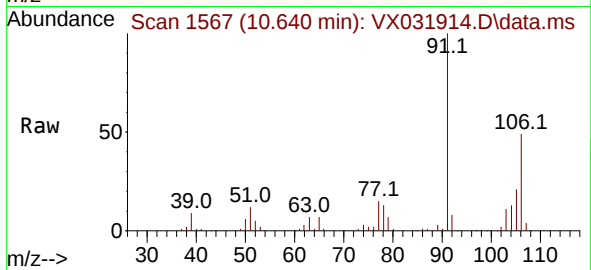
#69
o-Xylene
Concen: 20.576 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX031914.D
Acq: 06 Oct 2022 12:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 4198
Ion Ratio Lower Upper
106 100
91 210.0 107.2 321.6

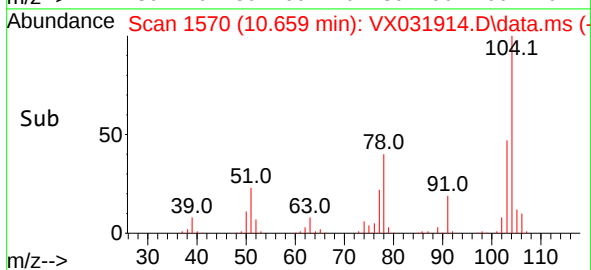
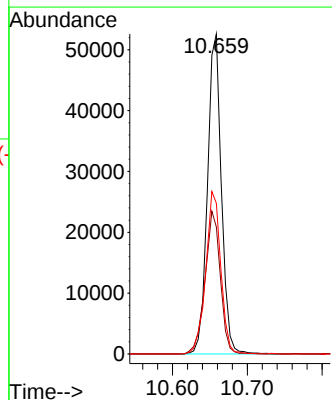
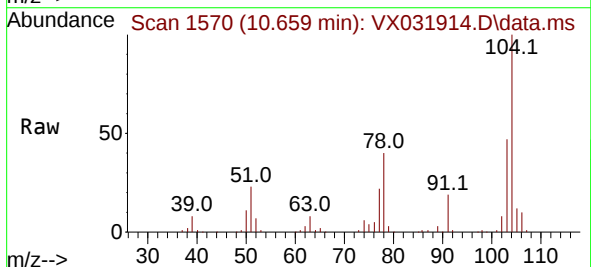
Manual Integrations
APPROVED

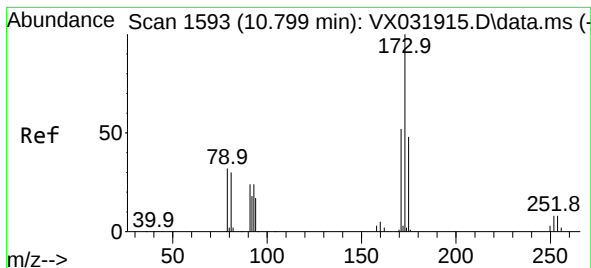
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#70
Styrene
Concen: 21.097 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX031914.D
Acq: 06 Oct 2022 12:12

Tgt Ion:104 Resp: 67869
Ion Ratio Lower Upper
104 100
78 49.0 41.4 62.2
103 54.9 43.8 65.8





#71

Bromoform

Concen: 19.086 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX031914.D

Acq: 06 Oct 2022 12:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

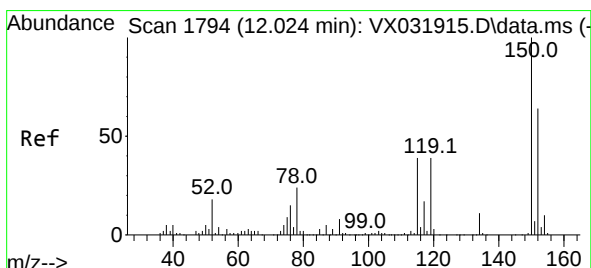
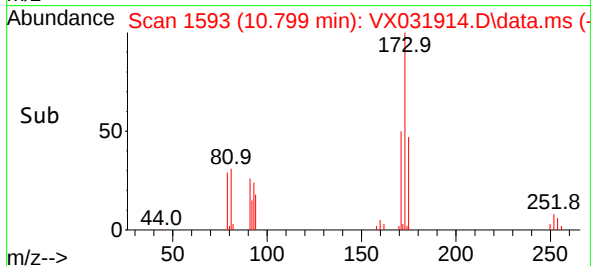
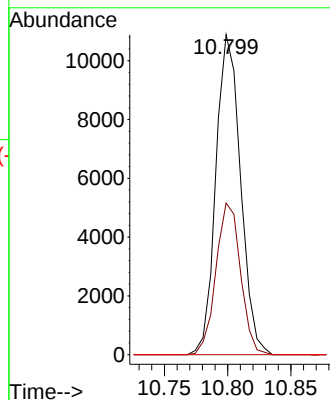
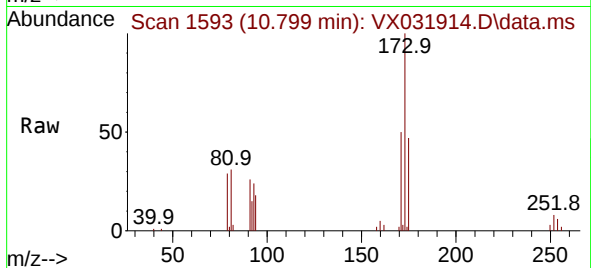
Tgt Ion:	173	Resp:	14730
Ion Ratio	Lower	Upper	
173	100		
175	47.2	24.0	72.0
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/07/2022

Supervised By :Mahesh Dadoda 10/07/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

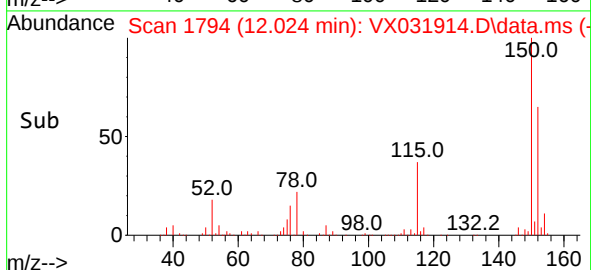
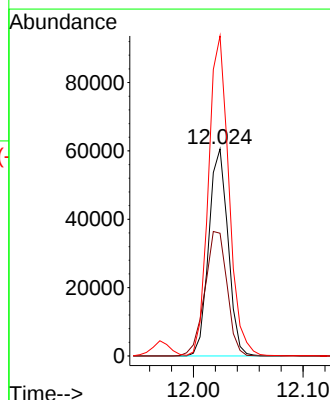
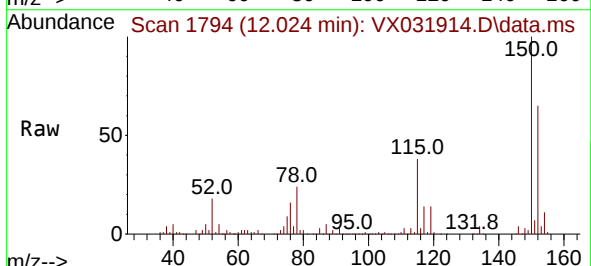
RT: 12.024 min Scan# 1794

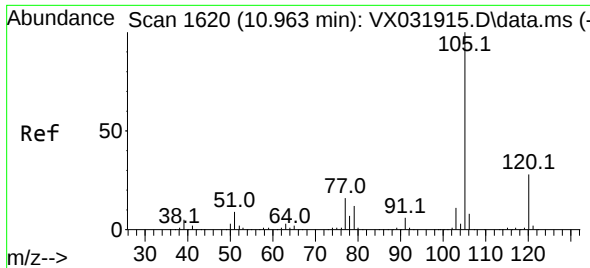
Delta R.T. 0.000 min

Lab File: VX031914.D

Acq: 06 Oct 2022 12:12

Tgt Ion:	152	Resp:	73884
Ion Ratio	Lower	Upper	
152	100		
115	69.3	43.4	130.1
150	163.6	0.0	346.8





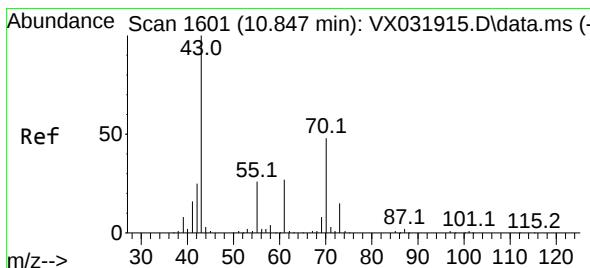
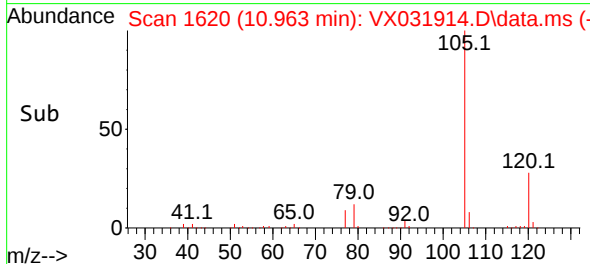
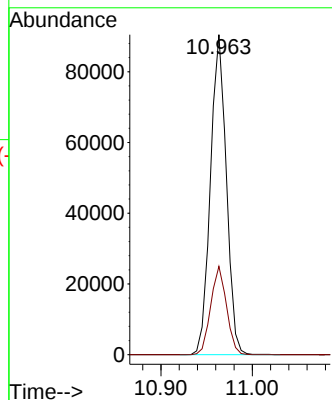
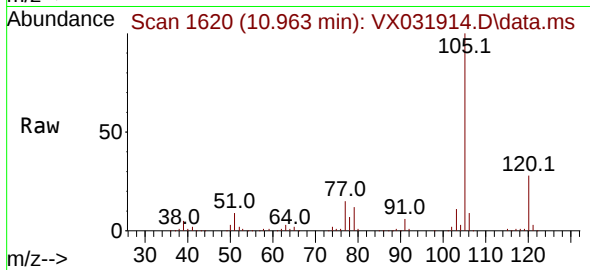
#73
Isopropylbenzene
Concen: 21.589 ug/l
RT: 10.963 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VX031914.D
Acq: 06 Oct 2022 12:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:105 Resp: 10898
Ion Ratio Lower Upper
105 100
120 27.3 13.7 41.0

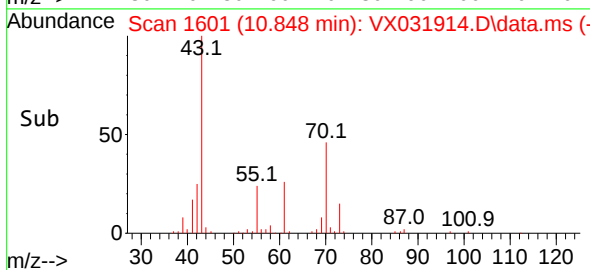
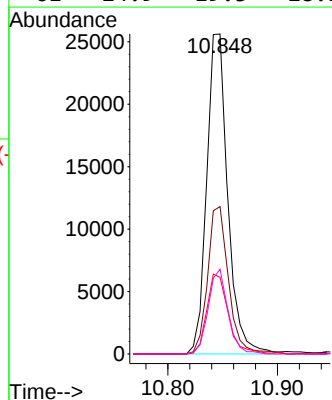
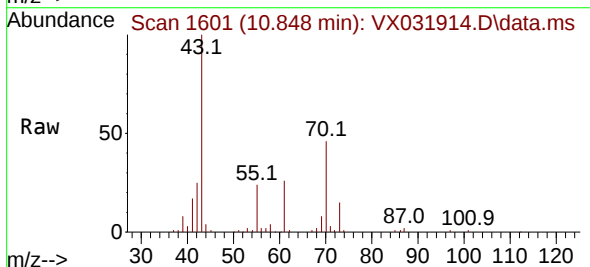
Manual Integrations
APPROVED

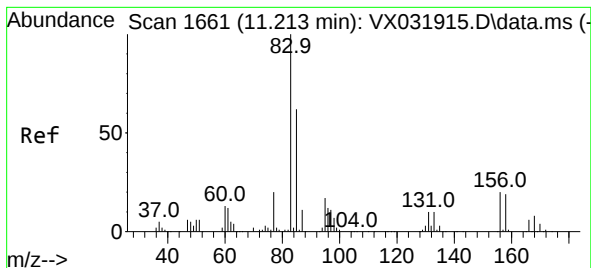
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#74
N-ethyl acetate
Concen: 28.427 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VX031914.D
Acq: 06 Oct 2022 12:12

Tgt Ion: 43 Resp: 34183
Ion Ratio Lower Upper
43 100
70 45.8 33.4 50.2
55 25.5 18.2 27.2
61 24.9 19.3 28.9





#75

1,1,2,2-Tetrachloroethane

Concen: 24.062 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX031914.D

Acq: 06 Oct 2022 12:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

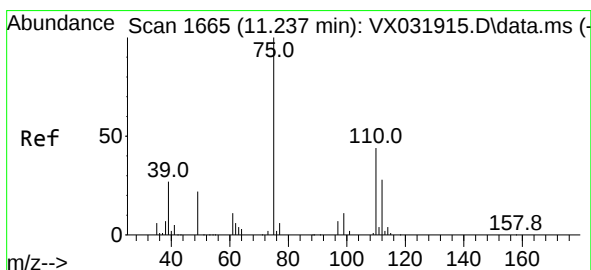
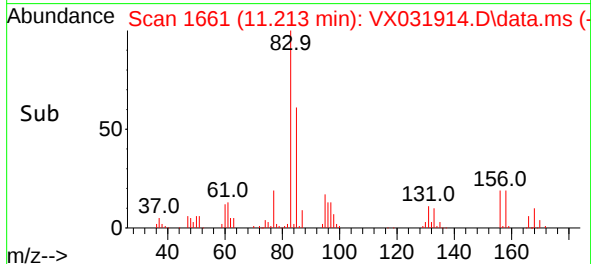
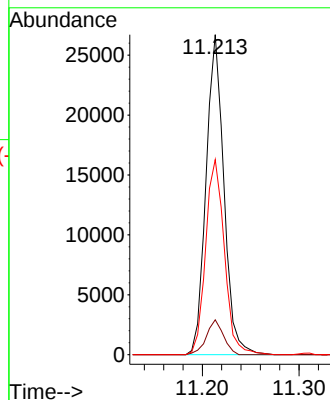
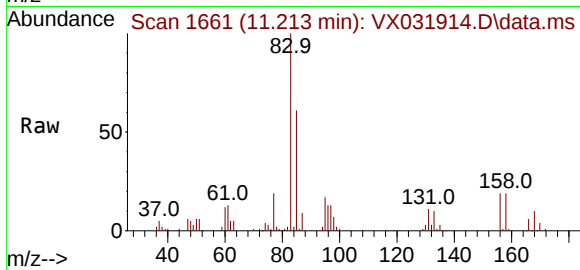
Tgt Ion:	83	Resp:	34394
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.1	15.4
85	64.0	32.6	97.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/07/2022

Supervised By :Mahesh Dadoda 10/07/2022



#76

1,2,3-Trichloropropane

Concen: 24.738 ug/l m

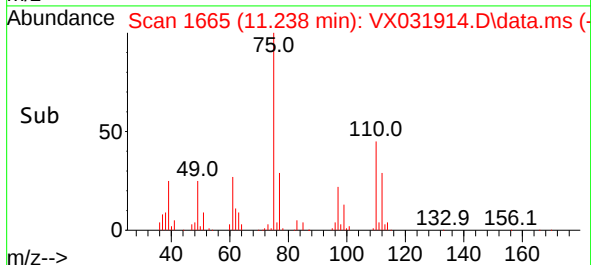
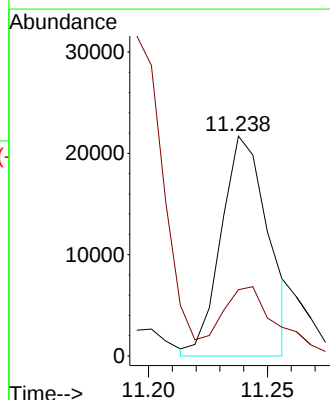
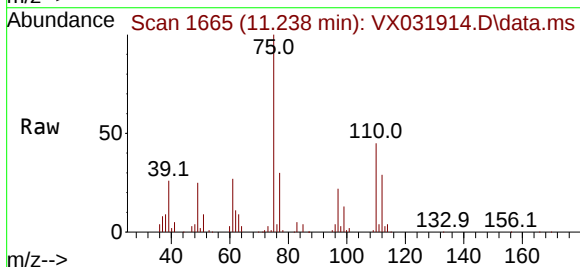
RT: 11.238 min Scan# 1665

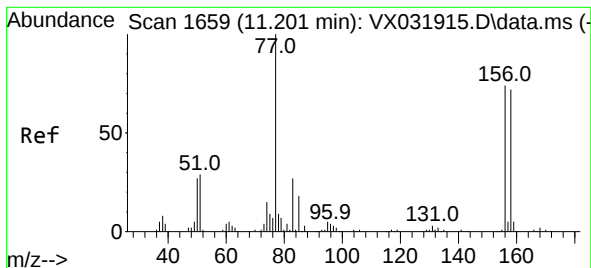
Delta R.T. 0.000 min

Lab File: VX031914.D

Acq: 06 Oct 2022 12:12

Tgt Ion:	75	Resp:	29712
Ion Ratio	Lower	Upper	
75	100		
77	37.6	20.3	60.9





#77

Bromobenzene

Concen: 20.072 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX031914.D

Acq: 06 Oct 2022 12:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

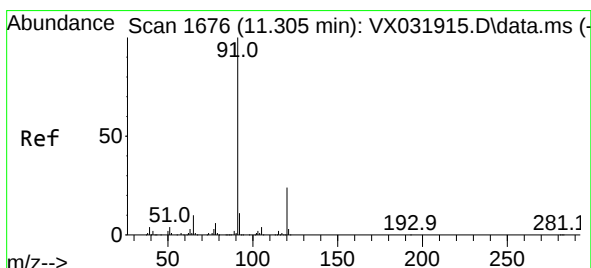
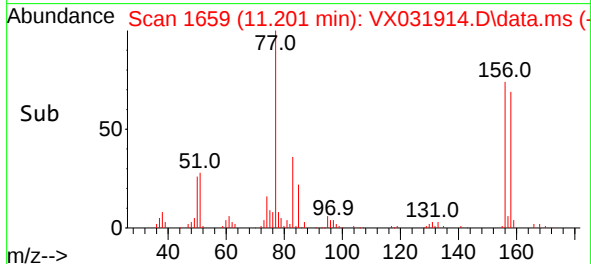
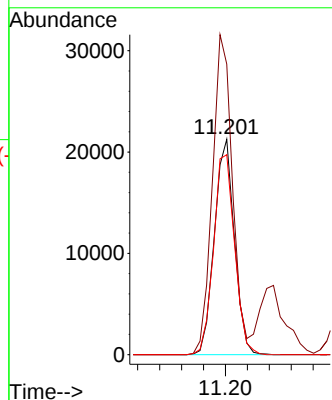
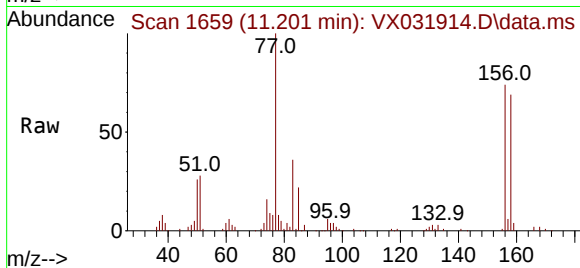
Tgt Ion:	156	Resp:	2692
Ion Ratio	Lower	Upper	
156	100		
77	148.2	79.5	238.6
158	97.9	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/07/2022

Supervised By :Mahesh Dadoda 10/07/2022



#78

n-propylbenzene

Concen: 22.980 ug/l

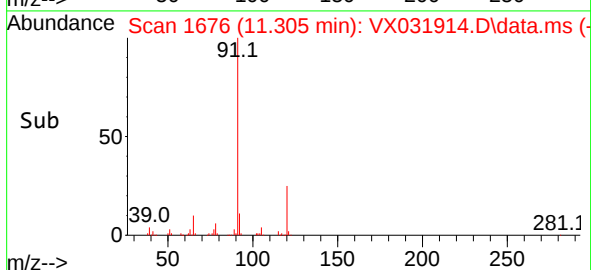
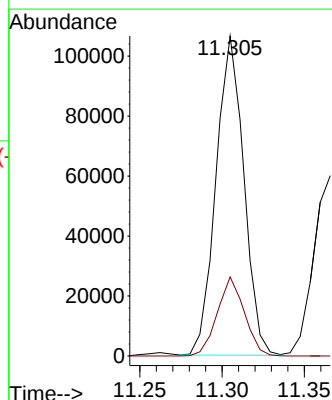
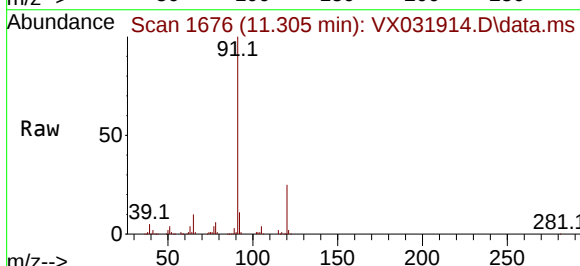
RT: 11.305 min Scan# 1676

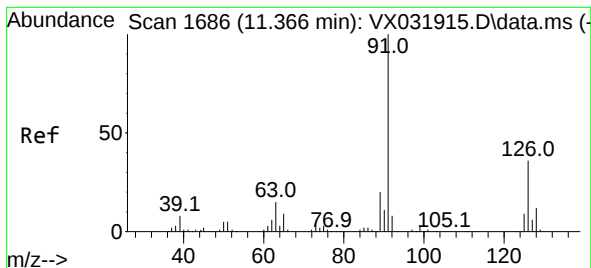
Delta R.T. 0.000 min

Lab File: VX031914.D

Acq: 06 Oct 2022 12:12

Tgt Ion:	91	Resp:	125206
Ion Ratio	Lower	Upper	
91	100		
120	24.0	11.8	35.4





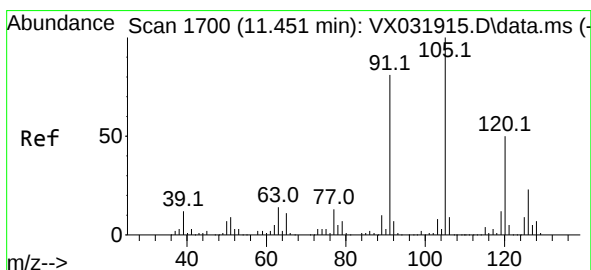
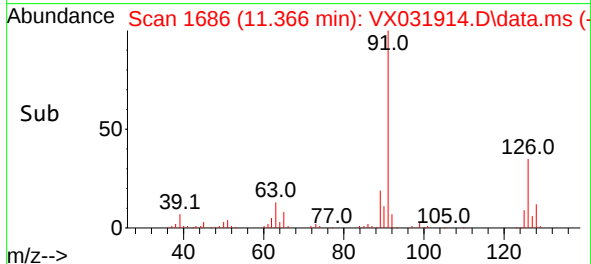
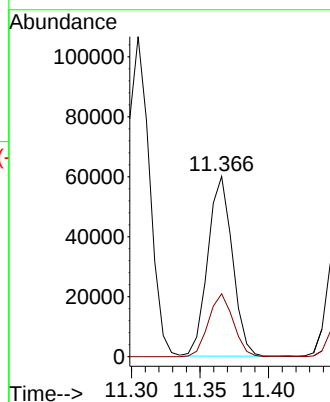
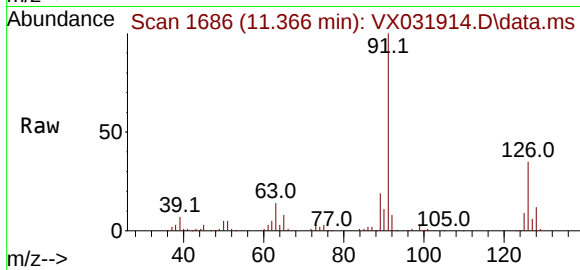
#79
2-Chlorotoluene
Concen: 22.625 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX031914.D
Acq: 06 Oct 2022 12:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 7495
Ion Ratio Lower Upper
91 100
126 35.2 17.4 52.3

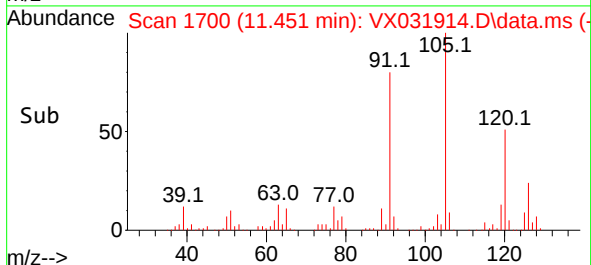
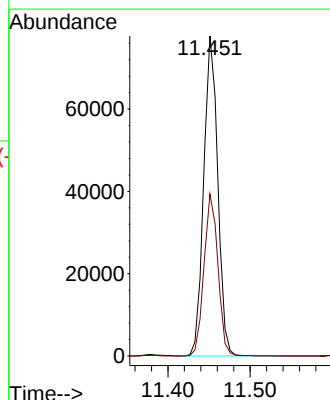
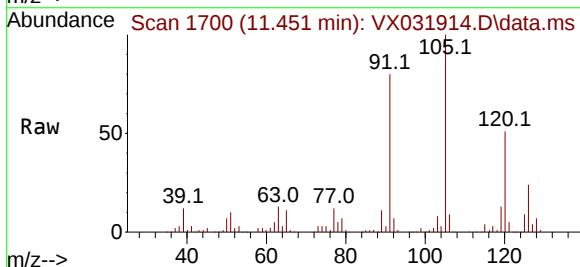
Manual Integrations
APPROVED

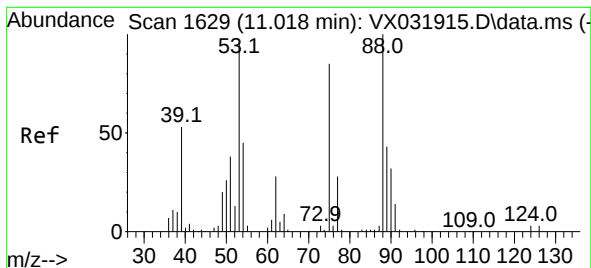
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#80
1,3,5-Trimethylbenzene
Concen: 22.024 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX031914.D
Acq: 06 Oct 2022 12:12

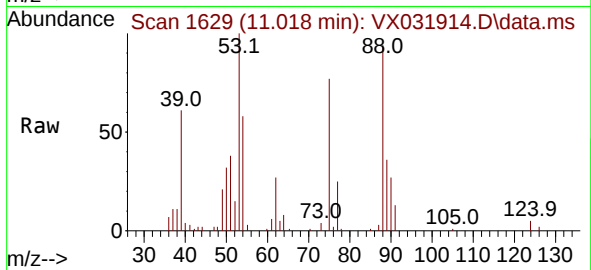
Tgt Ion:105 Resp: 92269
Ion Ratio Lower Upper
105 100
120 50.3 24.5 73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 22.004 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX031914.D
Acq: 06 Oct 2022 12:12

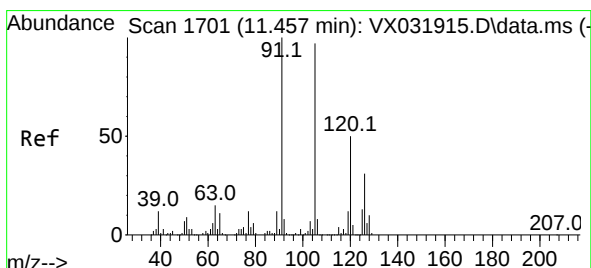
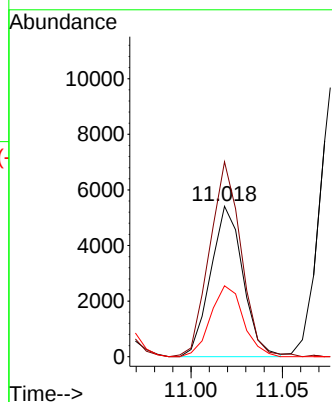
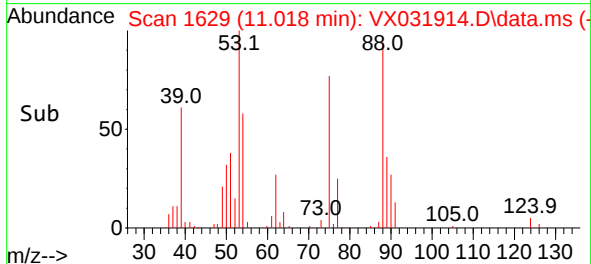
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 75 Resp: 6674
Ion Ratio Lower Upper
75 100
53 126.4 77.6 116.4
89 47.7 37.4 56.0

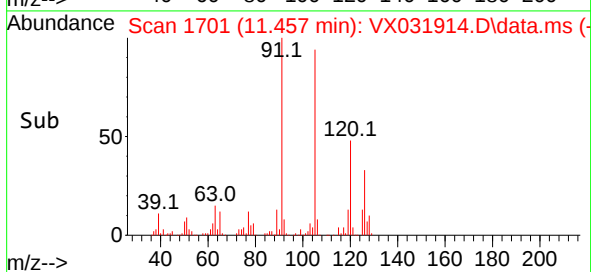
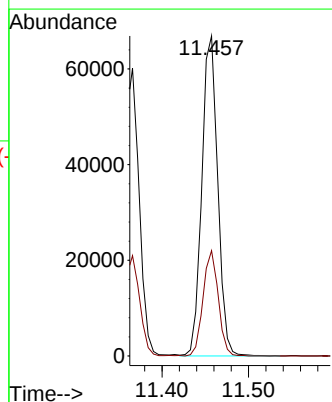
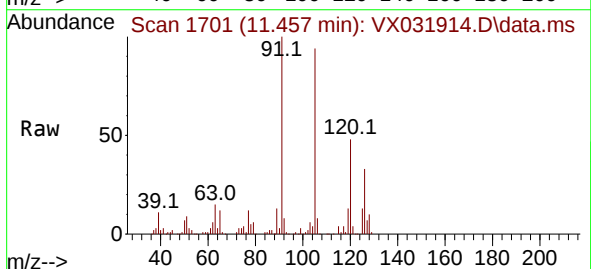
Manual Integrations
APPROVED

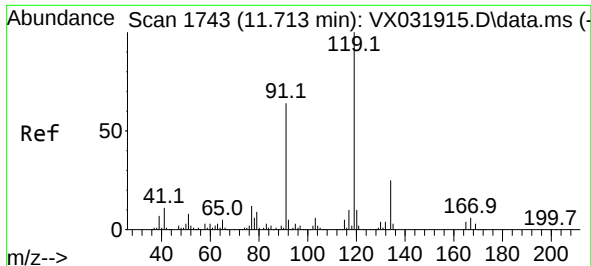
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#82
4-Chlorotoluene
Concen: 22.498 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX031914.D
Acq: 06 Oct 2022 12:12

Tgt Ion: 91 Resp: 85407
Ion Ratio Lower Upper
91 100
126 31.4 15.1 45.3





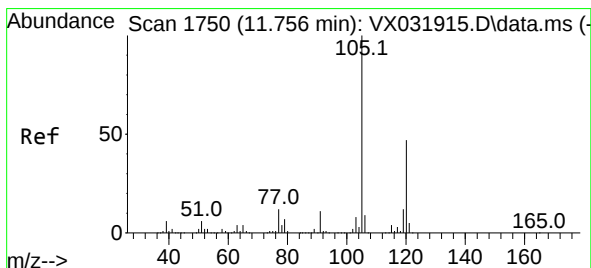
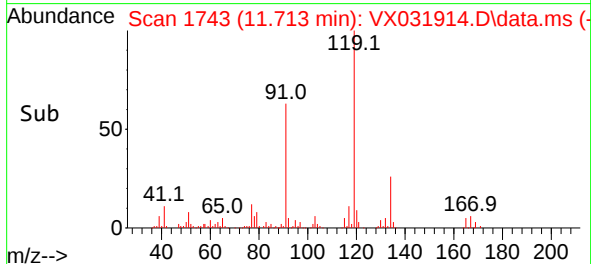
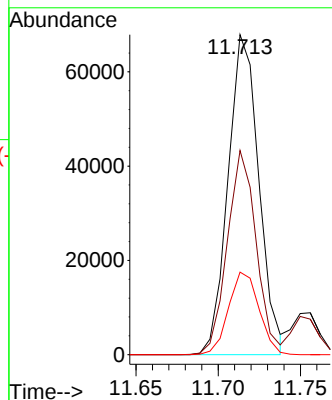
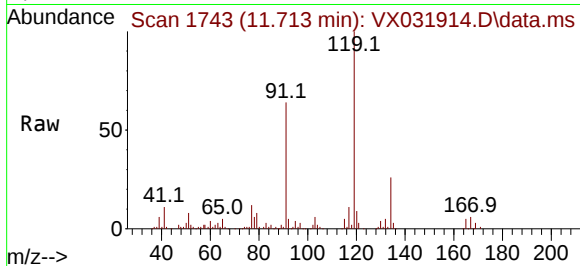
#83
tert-Butylbenzene
Concen: 21.126 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX031914.D
Acq: 06 Oct 2022 12:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:119 Resp: 88490
Ion Ratio Lower Upper
119 100
91 60.0 29.2 87.6
134 25.6 11.6 34.8

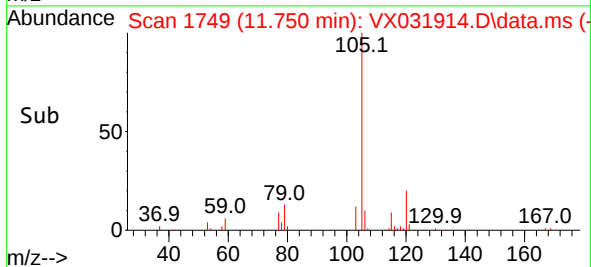
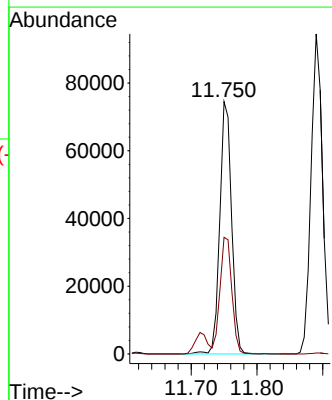
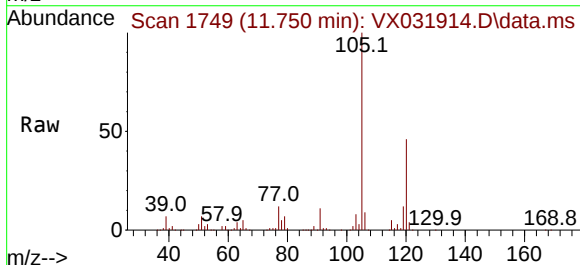
Manual Integrations
APPROVED

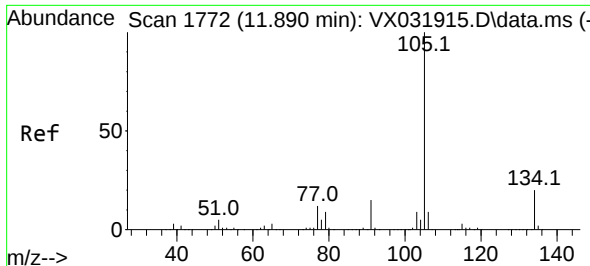
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#84
1,2,4-Trimethylbenzene
Concen: 22.189 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX031914.D
Acq: 06 Oct 2022 12:12

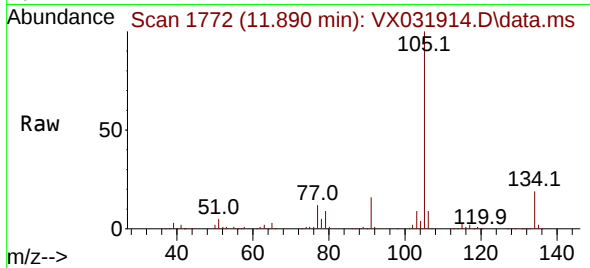
Tgt Ion:105 Resp: 92846
Ion Ratio Lower Upper
105 100
120 46.5 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 22.436 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX031914.D
 Acq: 06 Oct 2022 12:12

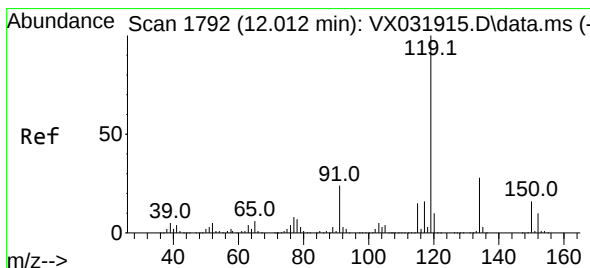
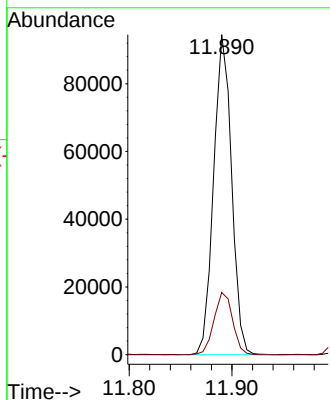
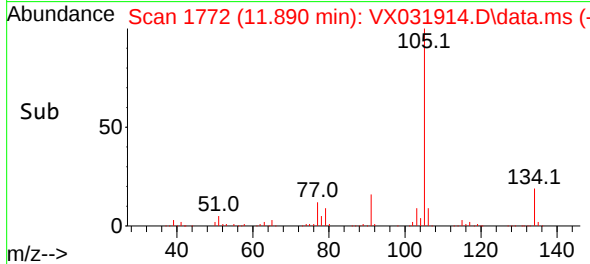
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020



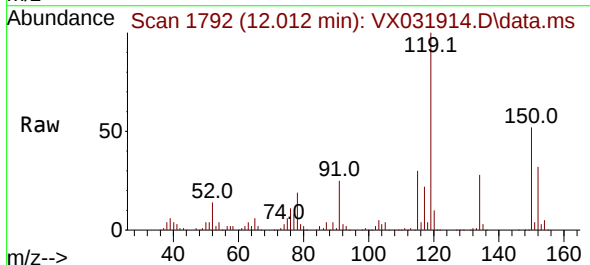
Tgt Ion:105 Resp: 11430
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.4 31.1

Manual Integrations
 APPROVED

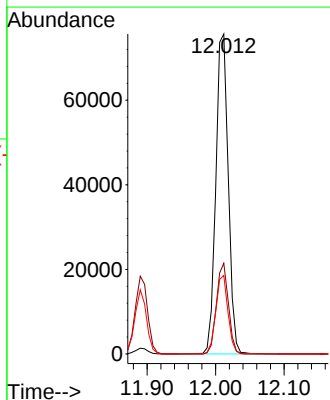
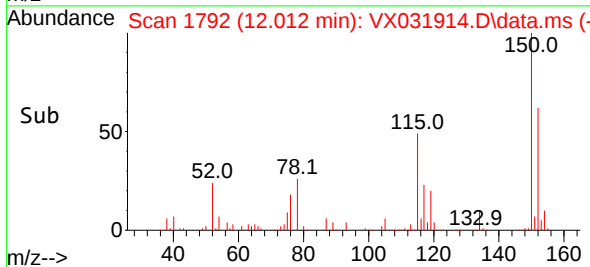
Reviewed By :John Carlone 10/07/2022
 Supervised By :Mahesh Dadoda 10/07/2022

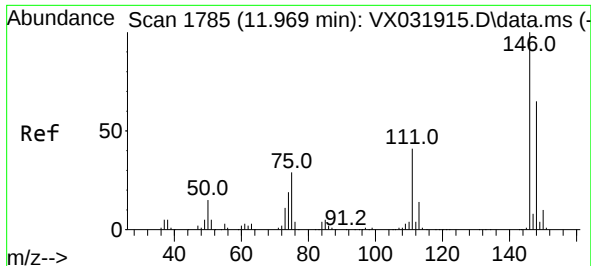


#86
 p-Isopropyltoluene
 Concen: 21.299 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX031914.D
 Acq: 06 Oct 2022 12:12



Tgt Ion:119 Resp: 94895
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.4 40.2
 91 23.9 12.4 37.2





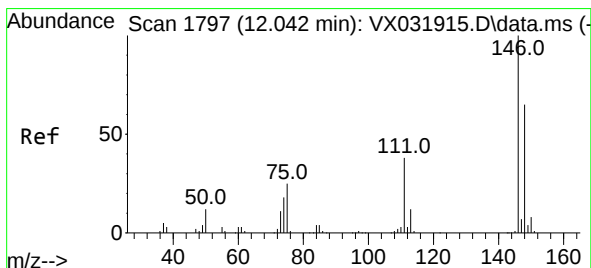
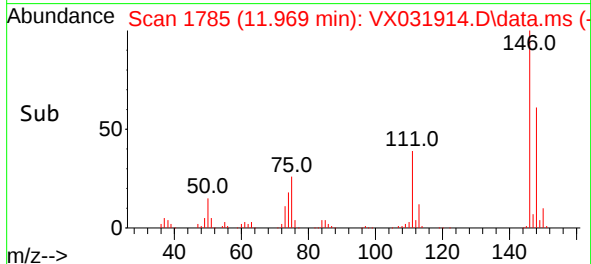
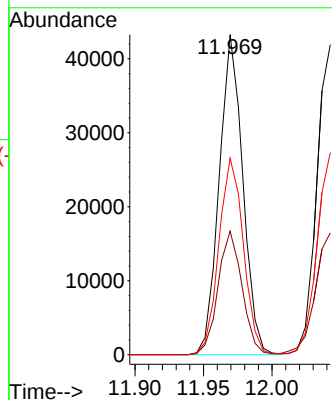
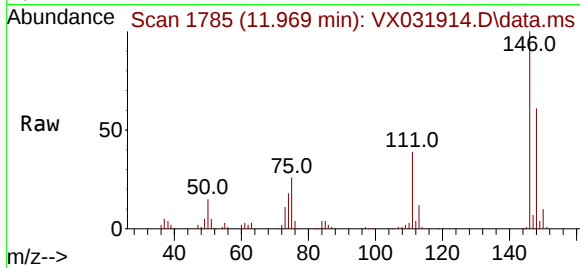
#87
1,3-Dichlorobenzene
Concen: 20.381 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX031914.D
Acq: 06 Oct 2022 12:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:146 Resp: 5176
Ion Ratio Lower Upper
146 100
111 39.2 19.8 59.4
148 64.1 31.5 94.5

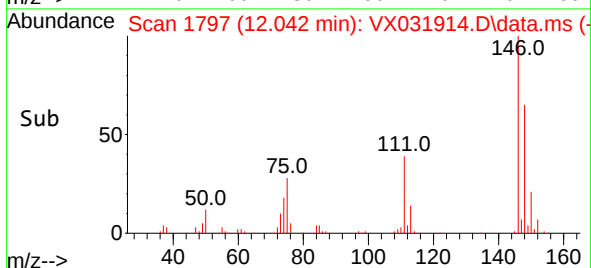
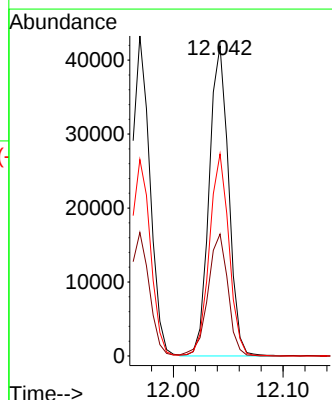
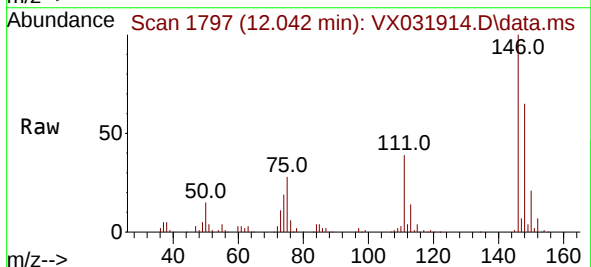
Manual Integrations
APPROVED

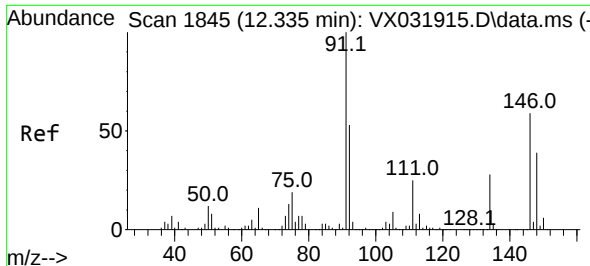
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#88
1,4-Dichlorobenzene
Concen: 19.747 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX031914.D
Acq: 06 Oct 2022 12:12

Tgt Ion:146 Resp: 51624
Ion Ratio Lower Upper
146 100
111 40.5 20.5 61.5
148 65.8 32.0 96.2





#89

n-Butylbenzene

Concen: 22.865 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX031914.D

Acq: 06 Oct 2022 12:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 91 Resp: 77708

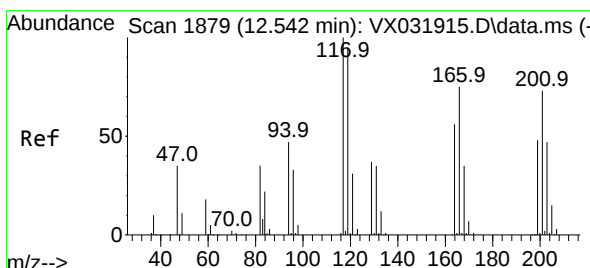
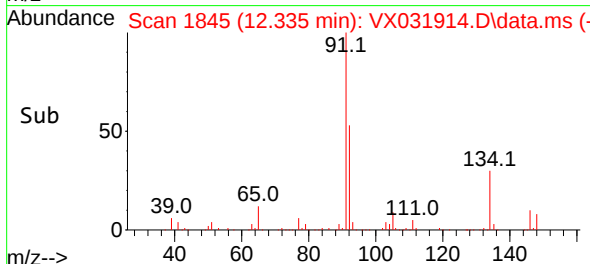
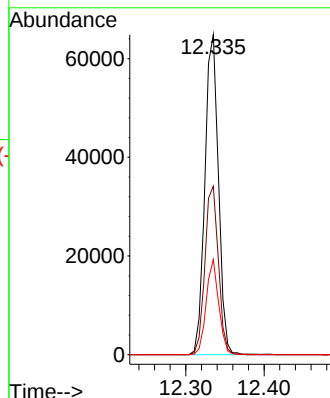
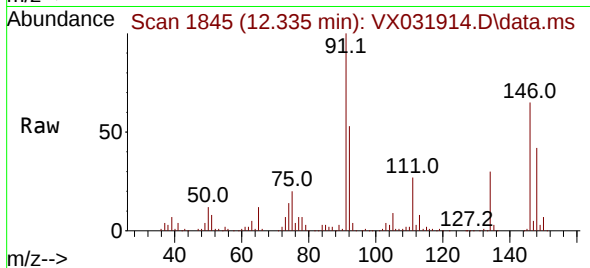
Ion	Ratio	Lower	Upper
91	100		
92	52.4	27.0	81.0
134	27.5	13.3	39.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/07/2022

Supervised By :Mahesh Dadoda 10/07/2022



#90

Hexachloroethane

Concen: 22.831 ug/l

RT: 12.536 min Scan# 1878

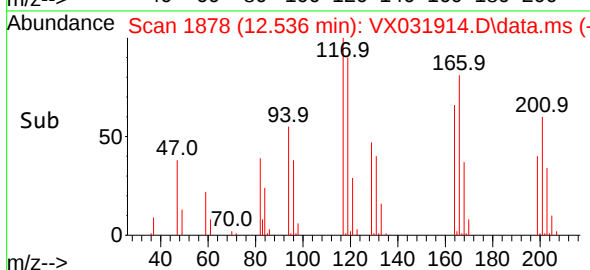
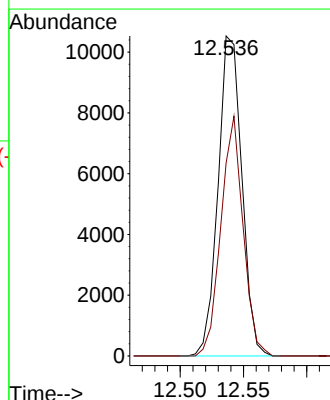
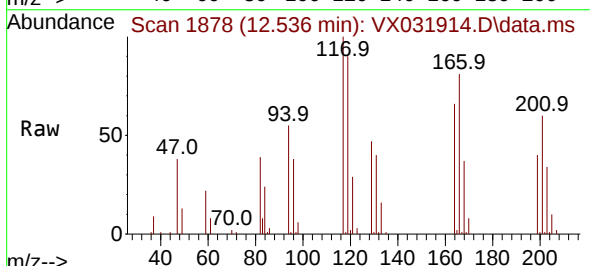
Delta R.T. -0.006 min

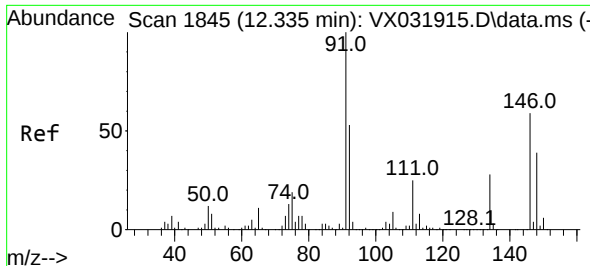
Lab File: VX031914.D

Acq: 06 Oct 2022 12:12

Tgt Ion:117 Resp: 13756

Ion	Ratio	Lower	Upper
117	100		
201	69.8	34.8	104.4





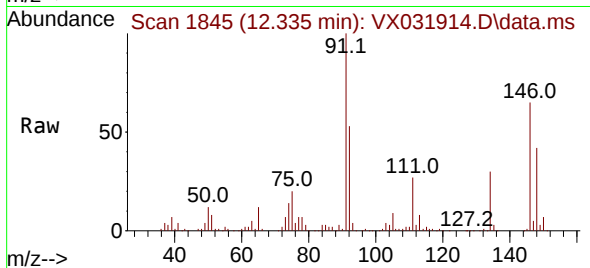
#91
1,2-Dichlorobenzene
Concen: 20.021 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX031914.D
Acq: 06 Oct 2022 12:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020



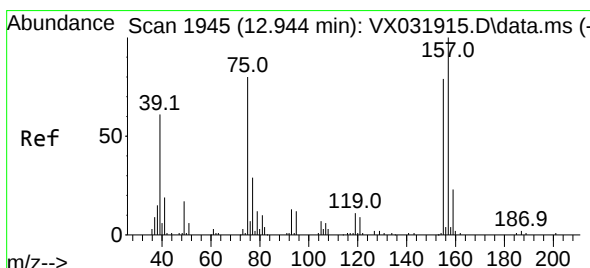
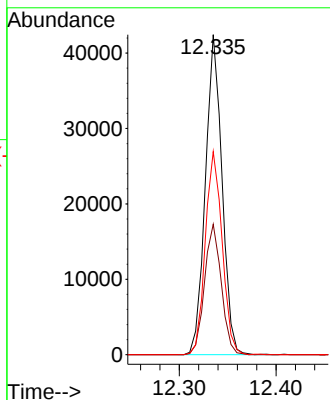
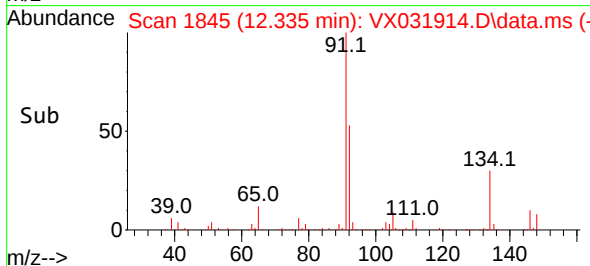
Tgt Ion:146 Resp: 50850
Ion Ratio Lower Upper
146 100
111 41.0 20.6 61.8
148 64.3 31.6 95.0

Manual Integrations

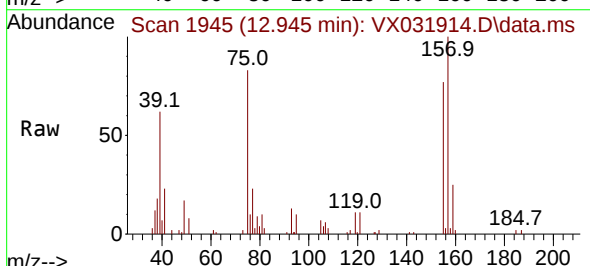
APPROVED

Reviewed By :John Carlone 10/07/2022

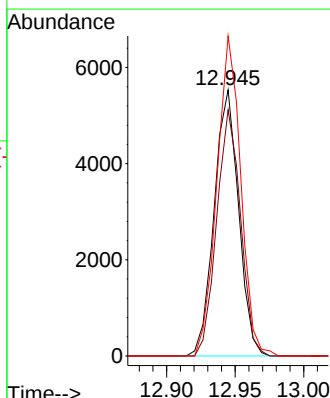
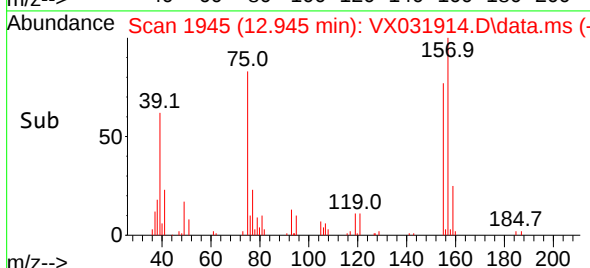
Supervised By :Mahesh Dadoda 10/07/2022

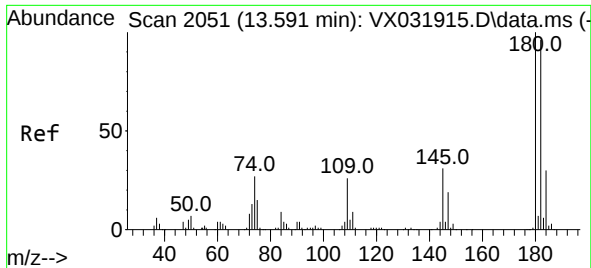


#92
1,2-Dibromo-3-Chloropropane
Concen: 26.675 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX031914.D
Acq: 06 Oct 2022 12:12



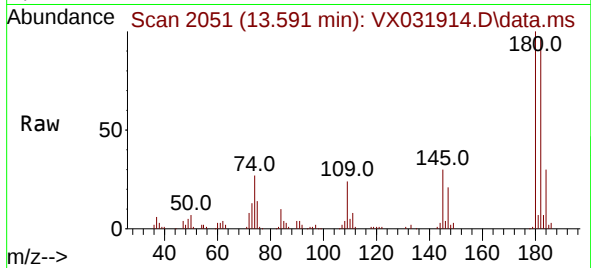
Tgt Ion: 75 Resp: 6849
Ion Ratio Lower Upper
75 100
155 90.0 40.3 120.8
157 117.6 51.5 154.5





#93
1,2,4-Trichlorobenzene
Concen: 19.460 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX031914.D
Acq: 06 Oct 2022 12:12

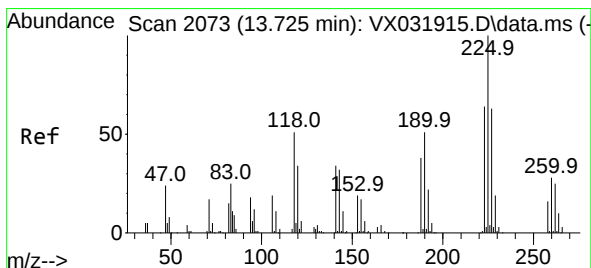
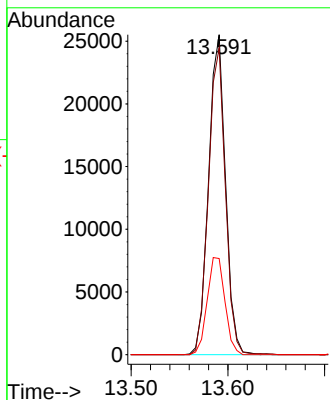
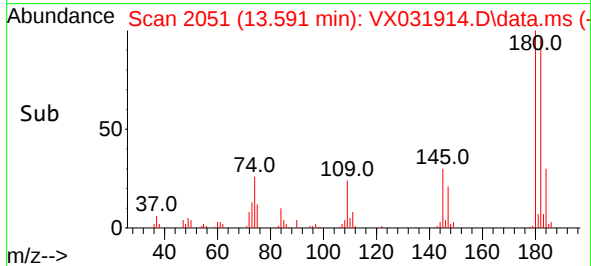
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



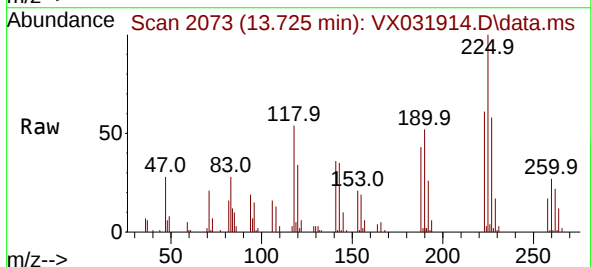
Tgt Ion:180 Resp: 3108
Ion Ratio Lower Upper
180 100
182 96.1 46.9 140.6
145 31.8 16.7 50.1

Manual Integrations
APPROVED

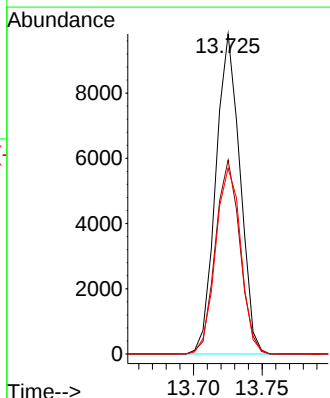
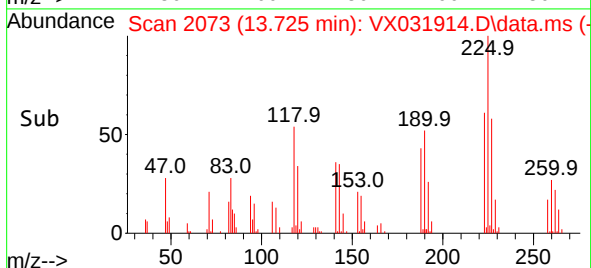
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

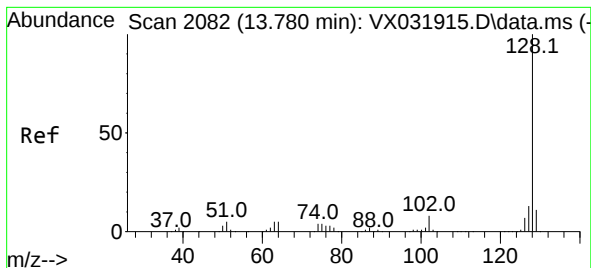


#94
Hexachlorobutadiene
Concen: 18.677 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX031914.D
Acq: 06 Oct 2022 12:12



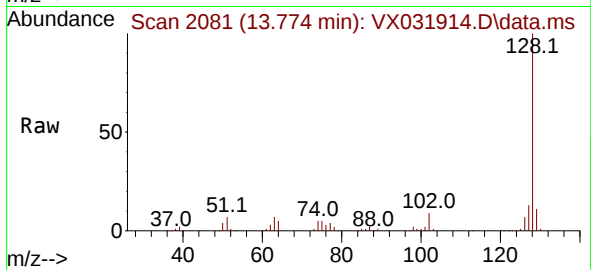
Tgt Ion:225 Resp: 12050
Ion Ratio Lower Upper
225 100
223 61.4 30.8 92.4
227 60.7 32.3 96.9





#95
Naphthalene
Concen: 21.638 ug/l
RT: 13.774 min Scan# 2082
Delta R.T. -0.006 min
Lab File: VX031914.D
Acq: 06 Oct 2022 12:12

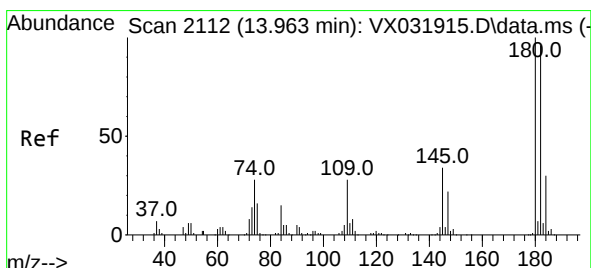
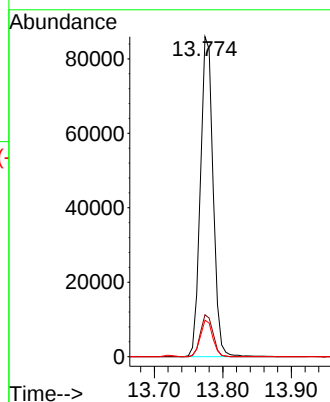
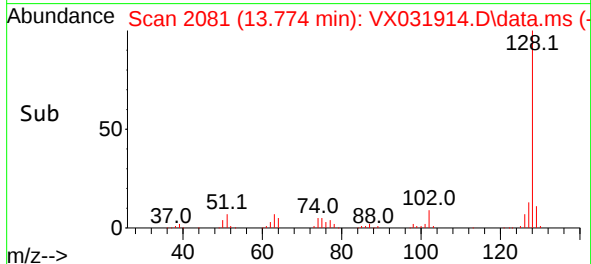
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



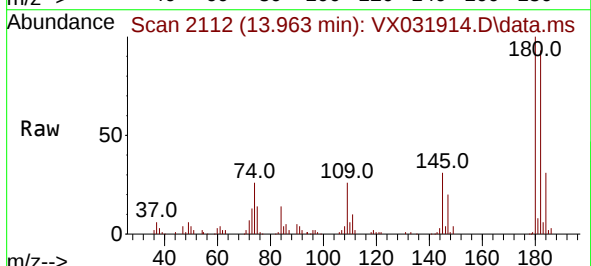
Tgt Ion:128 Resp: 111140
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 11.2 8.8 13.2

Manual Integrations
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Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#96
1,2,3-Trichlorobenzene
Concen: 19.823 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX031914.D
Acq: 06 Oct 2022 12:12



Tgt Ion:180 Resp: 31878
Ion Ratio Lower Upper
180 100
182 95.3 47.9 143.8
145 33.2 17.6 52.8

