

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053122\
 Data File : VX029076.D
 Acq On : 31 May 2022 15:02
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: May 31 15:41:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 31 14:38:38 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/01/2022
 Supervised By : Mahesh Dadoda 06/01/2022

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	308186	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	478436	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	446843	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	234563	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66266	19.056	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	38.120%#		
35) Dibromofluoromethane	5.385	113	60657	19.079	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	38.160%#		
50) Toluene-d8	8.653	98	225174	19.480	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	38.960%#		
62) 4-Bromofluorobenzene	11.085	95	87052	19.662	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	39.320%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	52063	19.199	ug/l	98
3) Chloromethane	1.288	50	52872	18.746	ug/l	99
4) Vinyl Chloride	1.374	62	60893	19.654	ug/l	100
5) Bromomethane	1.593	94	32502	19.065	ug/l	100
6) Chloroethane	1.672	64	40037	19.331	ug/l	99
7) Trichlorofluoromethane	1.880	101	94382	19.563	ug/l	98
8) Diethyl Ether	2.129	74	37451	20.453	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.325	101	57128	20.125	ug/l	97
10) Methyl Iodide	2.446	142	48559	15.208	ug/l	98
11) Tert butyl alcohol	2.971	59	80025	98.630	ug/l	98
12) 1,1-Dichloroethene	2.312	96	54623	19.663	ug/l	94
13) Acrolein	2.233	56	33572	90.082	ug/l	100
14) Allyl chloride	2.660	41	81318	19.469	ug/l	98
15) Acrylonitrile	3.062	53	167629	101.294	ug/l	99
16) Acetone	2.379	43	142125	104.317	ug/l	97
17) Carbon Disulfide	2.507	76	143435	18.737	ug/l	99
18) Methyl Acetate	2.703	43	70185	19.816	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	189414	20.150	ug/l	98
20) Methylene Chloride	2.788	84	64322	20.255	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	62100	19.848	ug/l	94
22) Diisopropyl ether	3.763	45	167724	20.131	ug/l	98
23) Vinyl Acetate	3.721	43	712718	102.373	ug/l	100
24) 1,1-Dichloroethane	3.611	63	102506	19.839	ug/l	99
25) 2-Butanone	4.556	43	222098	100.693	ug/l	98
26) 2,2-Dichloropropane	4.477	77	85723	20.298	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	72925	19.534	ug/l	93
28) Bromochloromethane	4.897	49	41866	20.140	ug/l	87
29) Tetrahydrofuran	5.007	42	138948	97.577	ug/l	100
30) Chloroform	5.092	83	113273	19.755	ug/l	100
31) Cyclohexane	5.470	56	91540	20.403	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	102143	19.672	ug/l	97
36) 1,1-Dichloropropene	5.690	75	82259	20.231	ug/l	97
37) Ethyl Acetate	4.708	43	81174	20.534	ug/l	98
38) Carbon Tetrachloride	5.678	117	92544	19.811	ug/l	99
39) Methylcyclohexane	7.379	83	106959	21.428	ug/l	97
40) Benzene	6.037	78	245967	20.348	ug/l	99

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Manual Integrations
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 Supervised By : Mahesh Dadoda 06/01/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	43777	20.481	ug/l	98
42) 1,2-Dichloroethane	6.092	62	84245	20.587	ug/l	99
43) Isopropyl Acetate	6.342	43	125795	20.373	ug/l	100
44) Trichloroethene	7.122	130	74145	17.893	ug/l	96
45) 1,2-Dichloropropane	7.433	63	58875	20.233	ug/l	96
46) Dibromomethane	7.580	93	45988	20.294	ug/l	96
47) Bromodichloromethane	7.824	83	89943	20.060	ug/l	97
48) Methyl methacrylate	7.696	41	62115	20.735	ug/l	95
49) 1,4-Dioxane	7.665	88	37812	411.474	ug/l	95
51) 4-Methyl-2-Pentanone	8.573	43	422187	102.545	ug/l	98
52) Toluene	8.720	92	167064	20.790	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	91618	19.921	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	101130	20.170	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	68734	20.545	ug/l	100
56) Ethyl methacrylate	9.116	69	97090	20.447	ug/l	97
57) 1,3-Dichloropropane	9.311	76	110345	20.665	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	220640	97.365	ug/l	94
59) 2-Hexanone	9.433	43	332407	104.137	ug/l	97
60) Dibromochloromethane	9.524	129	75598	19.742	ug/l	96
61) 1,2-Dibromoethane	9.610	107	74364	20.595	ug/l	99
64) Tetrachloroethene	9.275	164	71082	21.352	ug/l	98
65) Chlorobenzene	10.079	112	186039	20.373	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	71493	20.273	ug/l	96
67) Ethyl Benzene	10.195	91	319243	20.848	ug/l	98
68) m/p-Xylenes	10.305	106	259584	42.232	ug/l	98
69) o-Xylene	10.646	106	127716	21.036	ug/l	96
70) Styrene	10.658	104	211715	20.890	ug/l	99
71) Bromoform	10.799	173	59011	19.276	ug/l #	99
73) Isopropylbenzene	10.963	105	330537	21.046	ug/l	99
74) N-amyl acetate	10.841	43	103967	20.480	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	107298	20.175	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	97742m	20.633	ug/l	
77) Bromobenzene	11.201	156	84290	20.183	ug/l	92
78) n-propylbenzene	11.305	91	371320	21.285	ug/l	98
79) 2-Chlorotoluene	11.366	91	225554	20.419	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	282193	20.991	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	30706	18.893	ug/l	92
82) 4-Chlorotoluene	11.457	91	262040	20.781	ug/l	97
83) tert-Butylbenzene	11.719	119	285162	20.774	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	285923	21.355	ug/l	99
85) sec-Butylbenzene	11.890	105	345216	21.498	ug/l	98
86) p-Isopropyltoluene	12.012	119	301363	21.466	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	161089	20.460	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	164520	20.698	ug/l	98
89) n-Butylbenzene	12.335	91	240256	21.141	ug/l	98
90) Hexachloroethane	12.542	117	49609	19.200	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	161805	20.893	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23614	19.703	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	101484	21.088	ug/l	98
94) Hexachlorobutadiene	13.725	225	45520	20.803	ug/l	93
95) Naphthalene	13.780	128	327747	21.133	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	99520	20.928	ug/l	94

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ClientSampleId :
VSTDICC020

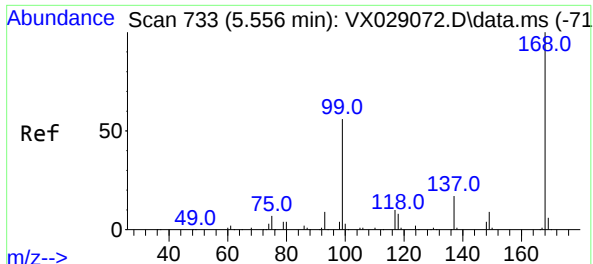
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 06/01/2022

Quant Time: May 31 15:41:03 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
Quant Title : SW846 8260
QLast Update : Tue May 31 14:38:38 2022
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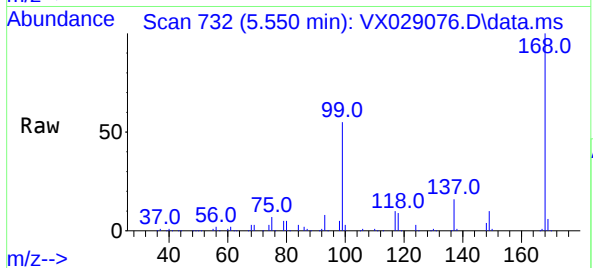
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX029076.D
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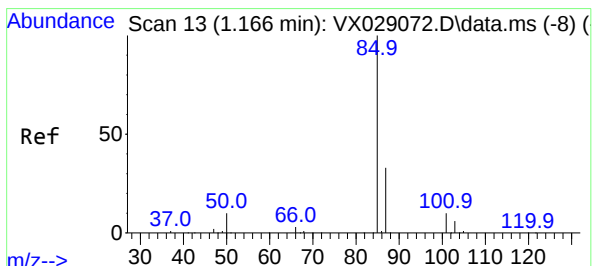
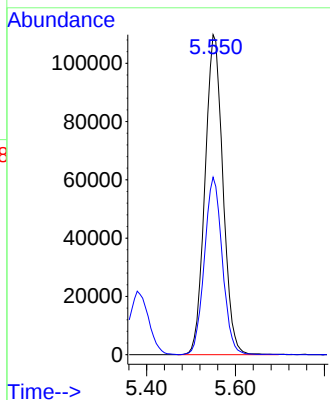
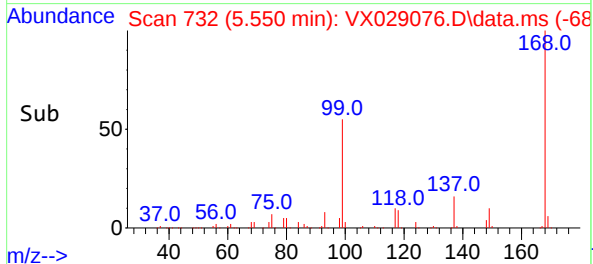
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion:168 Resp: 30818
Ion Ratio Lower Upper
168 100
99 55.5 41.7 62.5

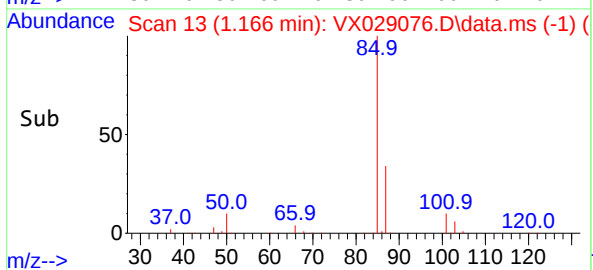
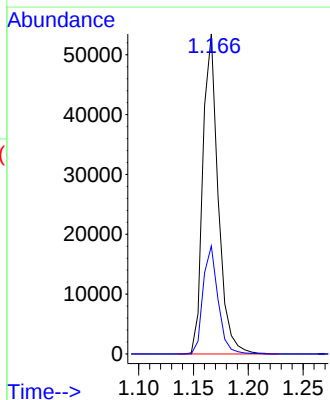
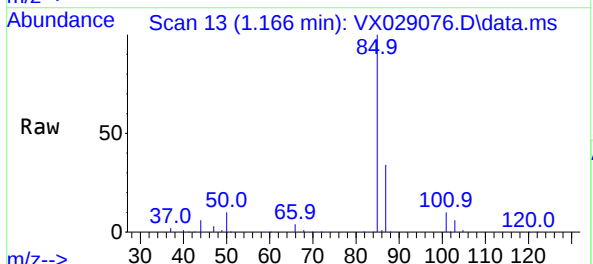
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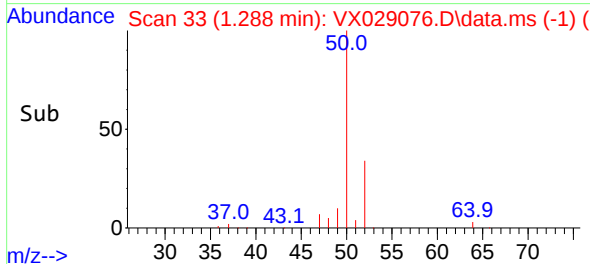
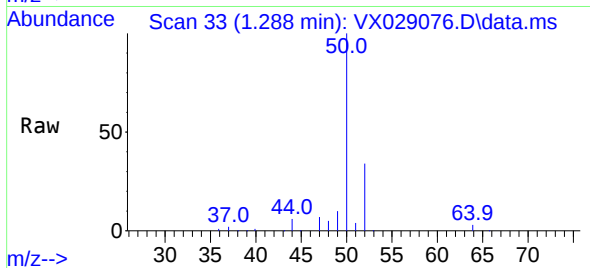
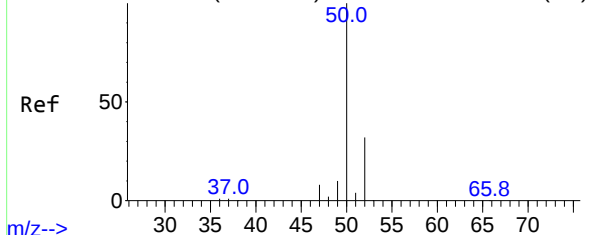


#2
Dichlorodifluoromethane
Concen: 19.199 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX029076.D
Acq: 31 May 2022 15:02

Tgt Ion: 85 Resp: 52063
Ion Ratio Lower Upper
85 100
87 33.7 16.2 48.6



Abundance Scan 33 (1.288 min): VX029072.D\data.ms (-28)



#3

Chloromethane

Concen: 18.746 ug/l

RT: 1.288 min Scan# 33

Delta R.T. -0.000 min

Lab File: VX029076.D

Acq: 31 May 2022 15:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 50 Resp: 52872

Ion Ratio Lower Upper

50 100

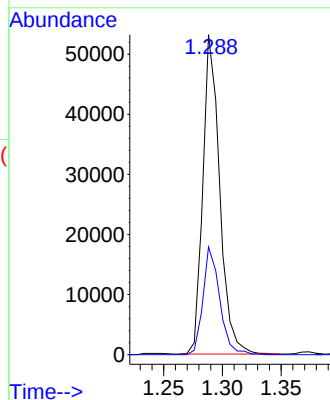
52 33.8 26.4 39.6

Manual Integrations

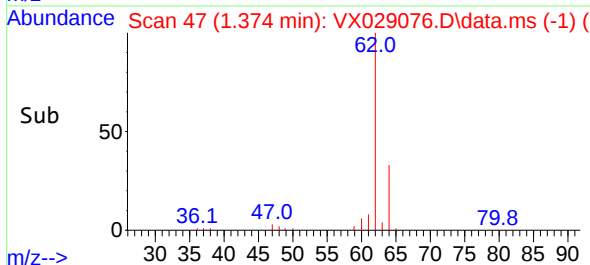
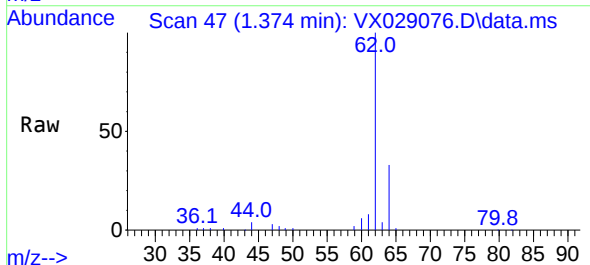
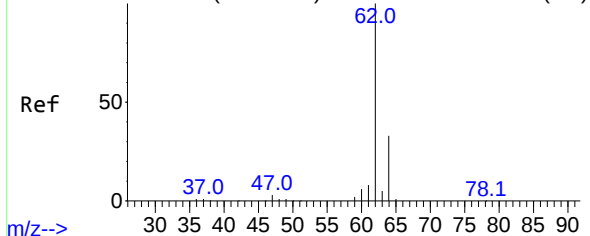
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Reviewed By :John Carlone 06/01/2022

Supervised By :Mahesh Dadoda 06/01/2022



Abundance Scan 47 (1.374 min): VX029072.D\data.ms (-42)



#4

Vinyl Chloride

Concen: 19.654 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX029076.D

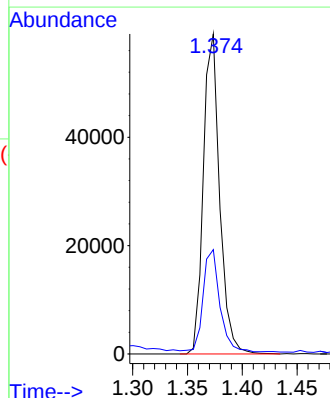
Acq: 31 May 2022 15:02

Tgt Ion: 62 Resp: 60893

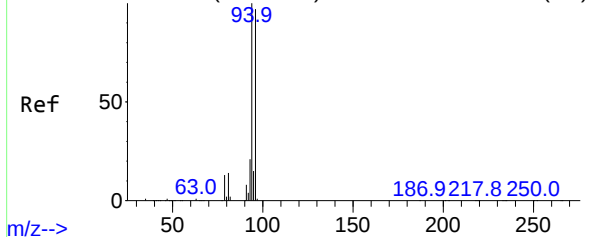
Ion Ratio Lower Upper

62 100

64 32.0 25.5 38.3



Abundance Scan 84 (1.599 min): VX029072.D\data.ms (-76)



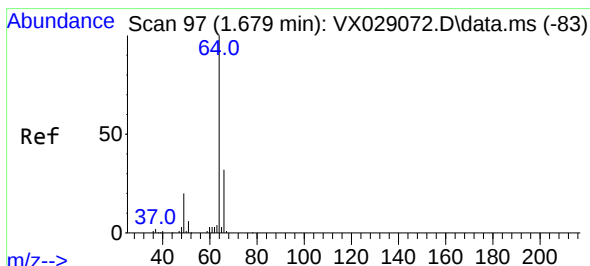
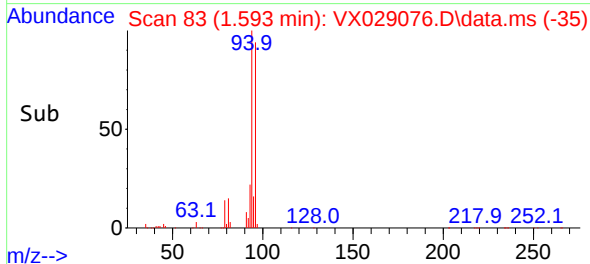
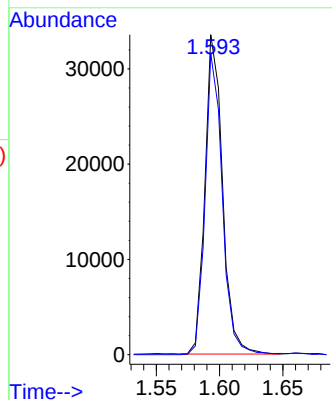
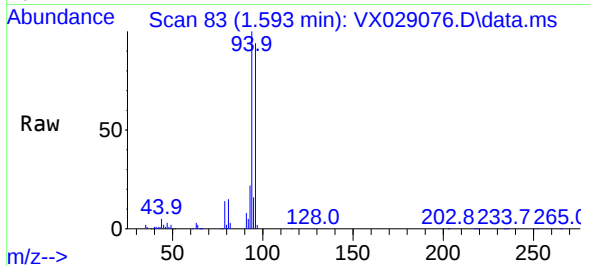
#5
Bromomethane
Concen: 19.065 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX029076.D
Acq: 31 May 2022 15:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 94 Resp: 3250
Ion Ratio Lower Upper
94 100
96 94.3 75.3 112.9

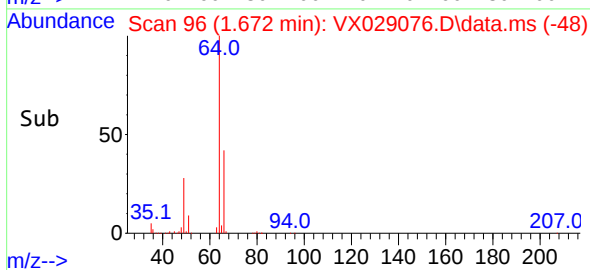
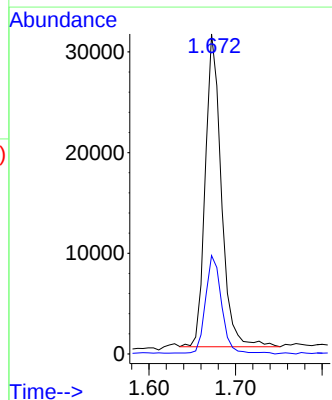
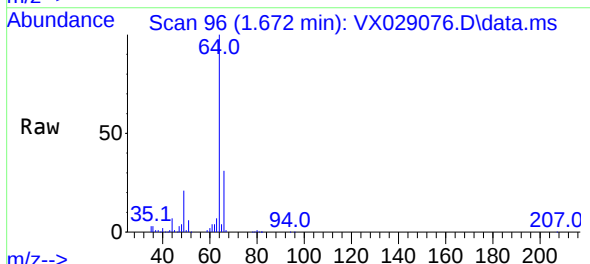
Manual Integrations
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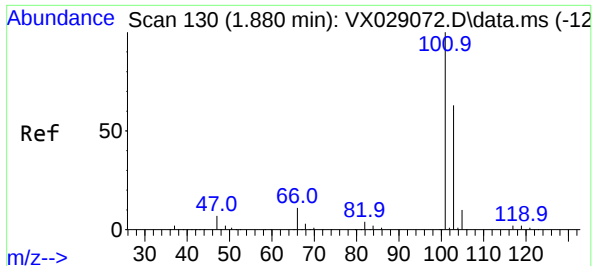
Reviewed By :John Carlone 06/01/2022
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#6
Chloroethane
Concen: 19.331 ug/l
RT: 1.672 min Scan# 96
Delta R.T. -0.006 min
Lab File: VX029076.D
Acq: 31 May 2022 15:02

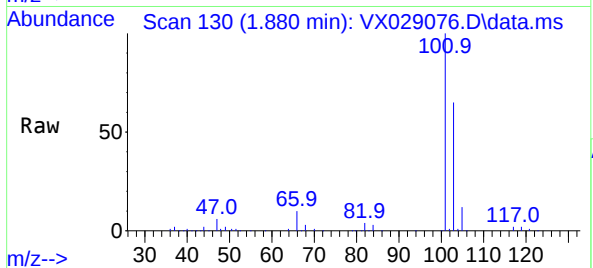
Tgt Ion: 64 Resp: 40037
Ion Ratio Lower Upper
64 100
66 31.2 25.3 37.9





#7
Trichlorofluoromethane
Concen: 19.563 ug/l
RT: 1.880 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029076.D
Acq: 31 May 2022 15:02

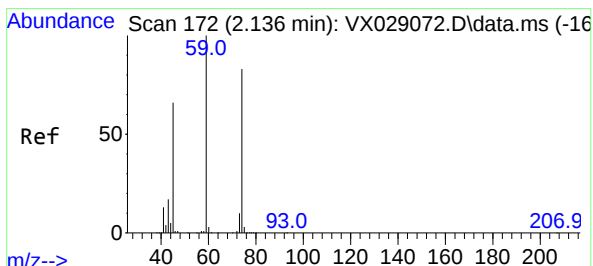
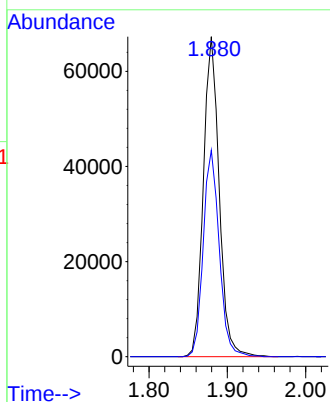
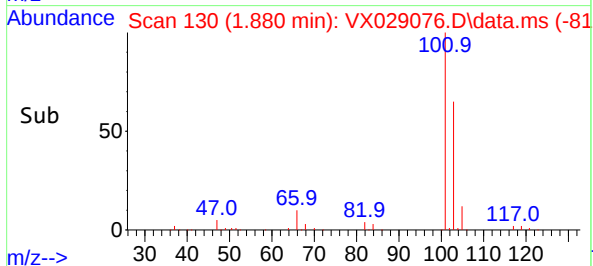
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



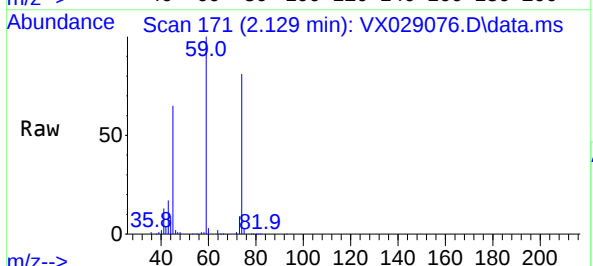
Tgt Ion:101 Resp: 9438
Ion Ratio Lower Upper
101 100
103 64.5 50.5 75.7

Manual Integrations
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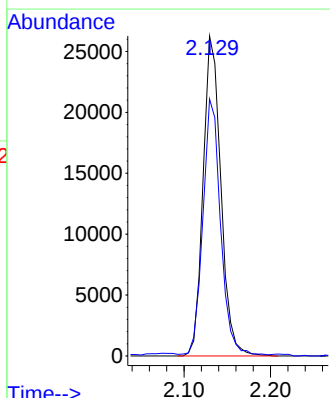
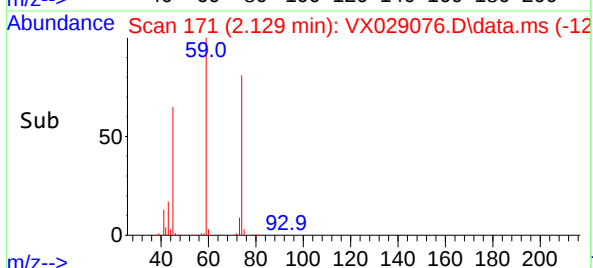
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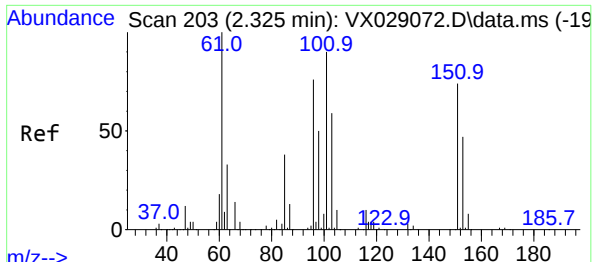


#8
Diethyl Ether
Concen: 20.453 ug/l
RT: 2.129 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX029076.D
Acq: 31 May 2022 15:02



Tgt Ion: 74 Resp: 37451
Ion Ratio Lower Upper
74 100
45 79.2 42.0 126.0





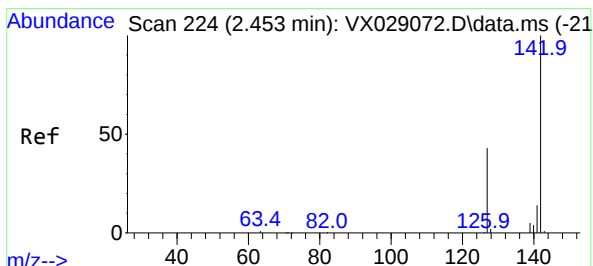
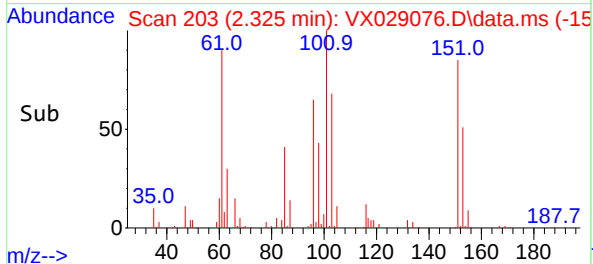
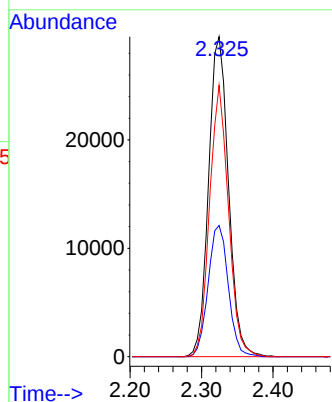
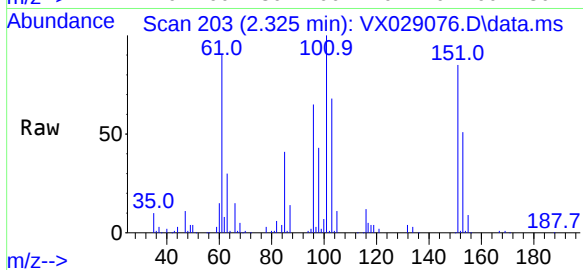
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.125 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX029076.D
Acq: 31 May 2022 15:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 57128
Ion Ratio Lower Upper
101 100
85 41.6 33.5 50.3
151 80.5 61.8 92.6

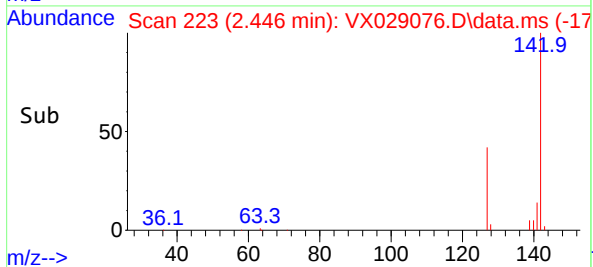
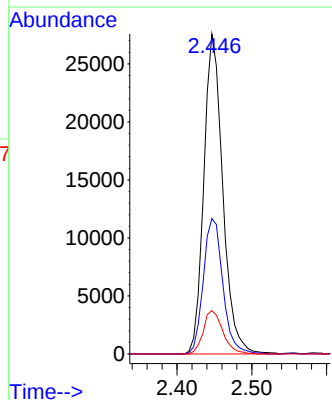
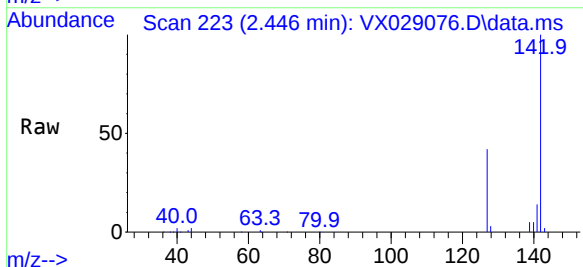
Manual Integrations
APPROVED

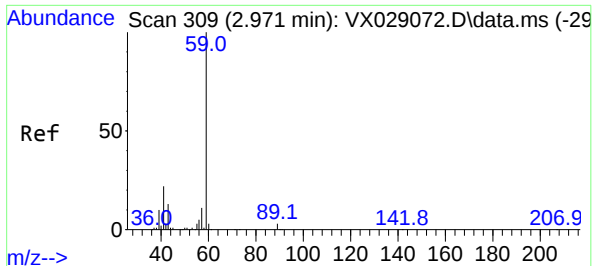
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#10
Methyl Iodide
Concen: 15.208 ug/l
RT: 2.446 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX029076.D
Acq: 31 May 2022 15:02

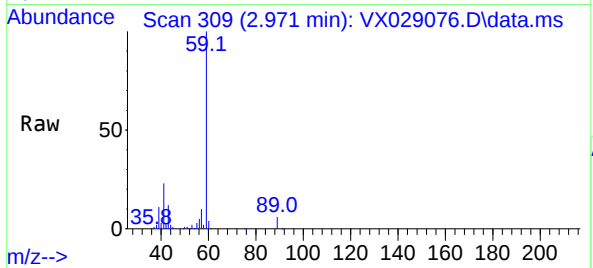
Tgt Ion:142 Resp: 48559
Ion Ratio Lower Upper
142 100
127 43.6 33.9 50.9
141 14.0 11.4 17.2





#11
Tert butyl alcohol
Concen: 98.630 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.000 min
Lab File: VX029076.D
Acq: 31 May 2022 15:02

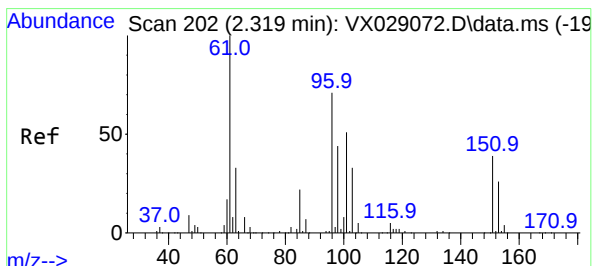
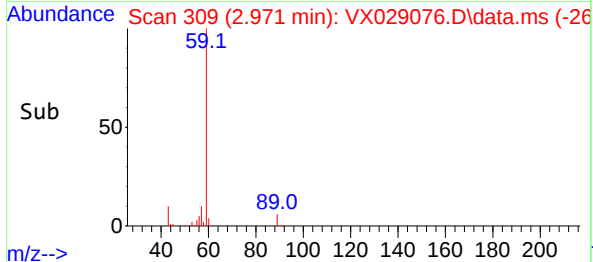
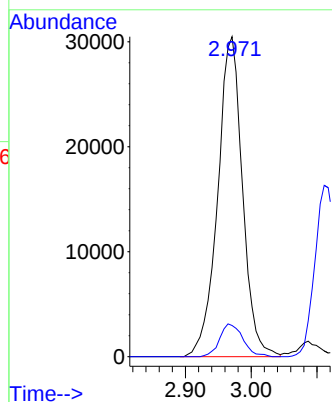
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 59 Resp: 80025
Ion Ratio Lower Upper
59 100
57 9.6 8.3 12.5

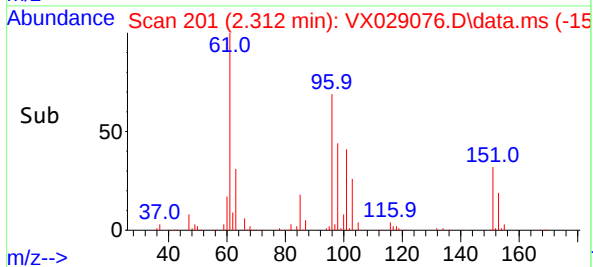
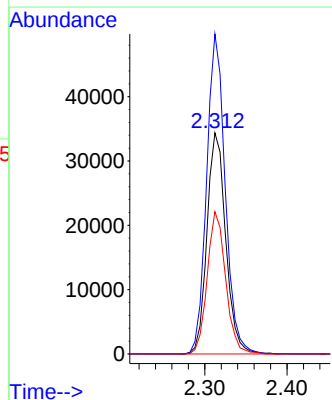
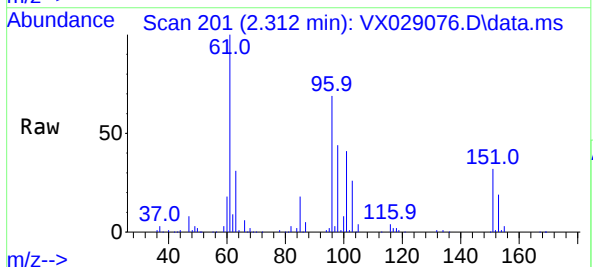
Manual Integrations
APPROVED

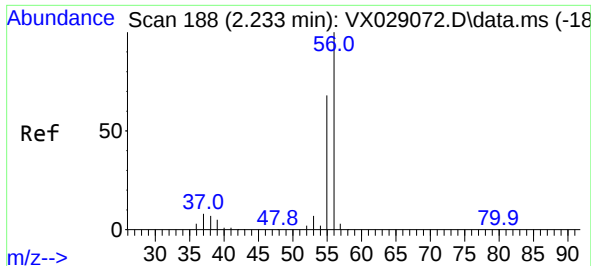
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#12
1,1-Dichloroethene
Concen: 19.663 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX029076.D
Acq: 31 May 2022 15:02

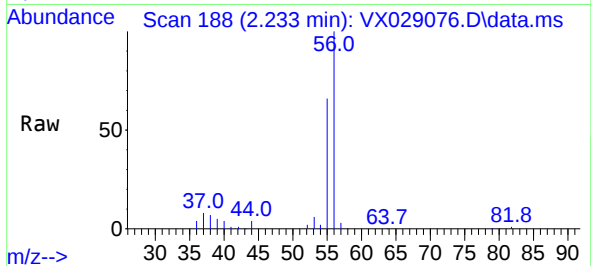
Tgt Ion: 96 Resp: 54623
Ion Ratio Lower Upper
96 100
61 144.8 124.6 187.0
98 64.4 51.0 76.4





#13
Acrolein
Concen: 90.082 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX029076.D
Acq: 31 May 2022 15:02

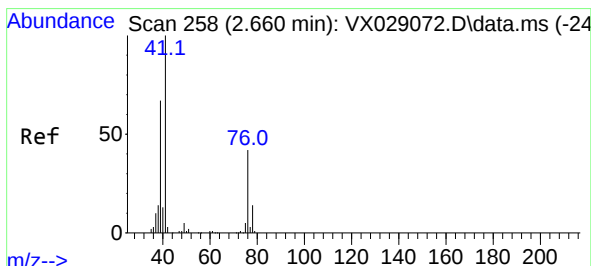
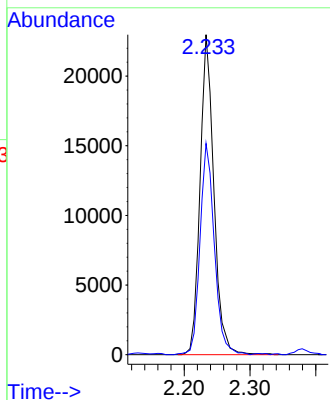
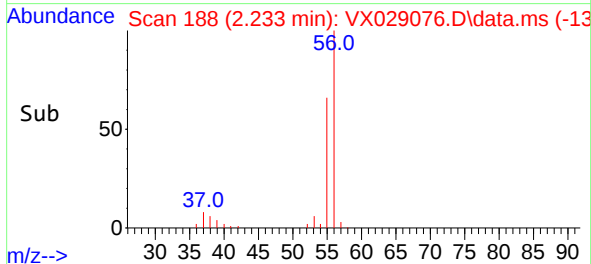
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



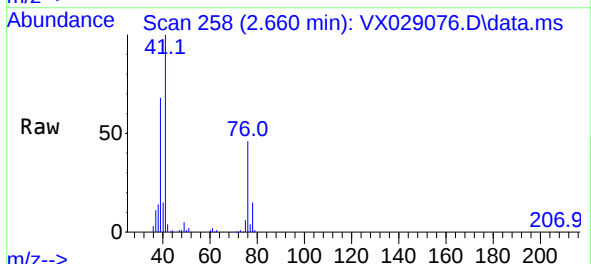
Tgt Ion: 56 Resp: 33572
Ion Ratio Lower Upper
56 100
55 68.6 55.0 82.6

Manual Integrations
APPROVED

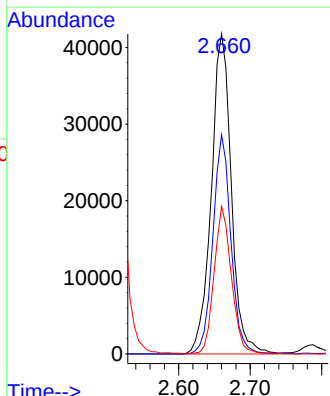
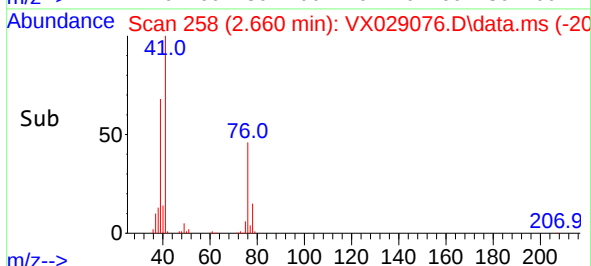
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

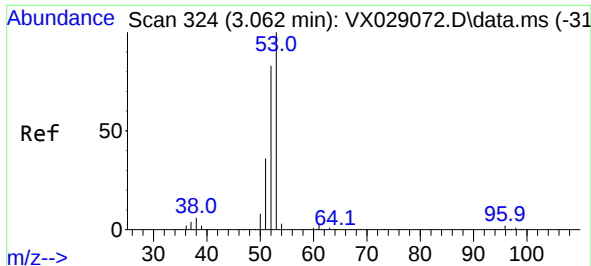


#14
Allyl chloride
Concen: 19.469 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.000 min
Lab File: VX029076.D
Acq: 31 May 2022 15:02



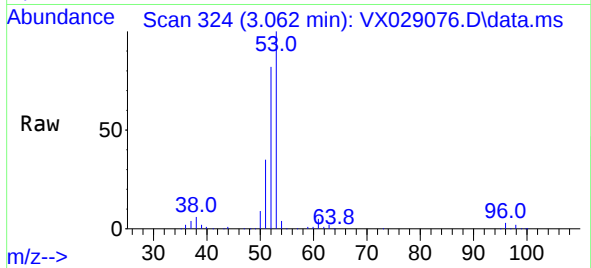
Tgt Ion: 41 Resp: 81318
Ion Ratio Lower Upper
41 100
39 61.8 50.4 75.6
76 39.9 32.7 49.1





#15
Acrylonitrile
Concen: 101.294 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX029076.D
Acq: 31 May 2022 15:02

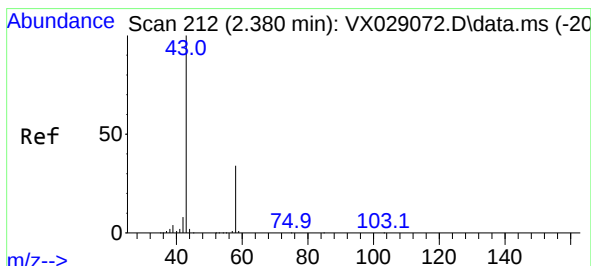
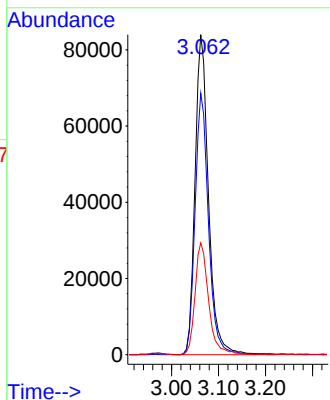
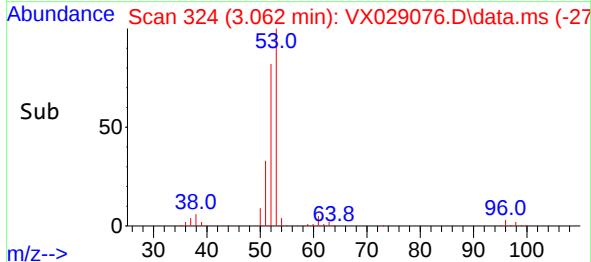
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 53 Resp: 167629
Ion Ratio Lower Upper
53 100
52 81.6 65.7 98.5
51 35.3 28.4 42.6

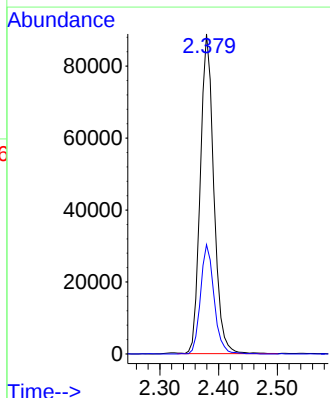
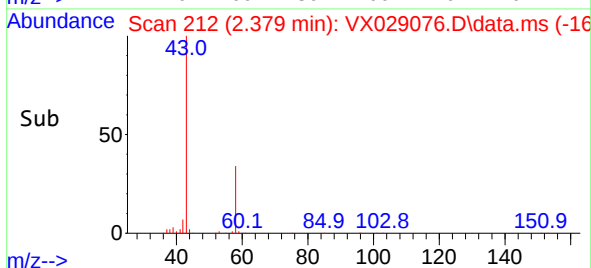
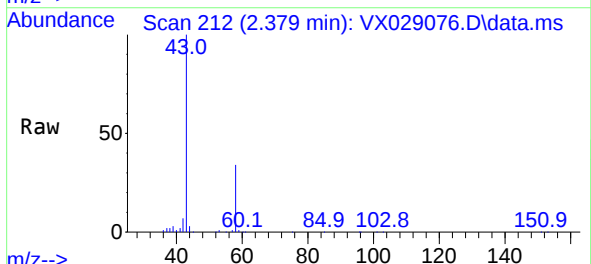
Manual Integrations
APPROVED

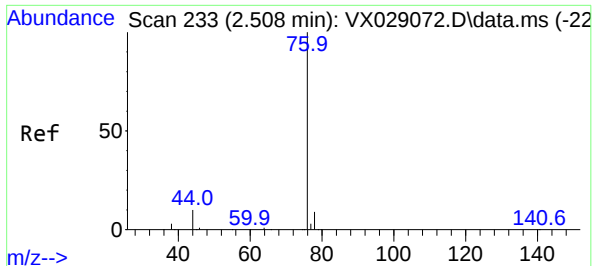
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#16
Acetone
Concen: 104.317 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX029076.D
Acq: 31 May 2022 15:02

Tgt Ion: 43 Resp: 142125
Ion Ratio Lower Upper
43 100
58 34.2 28.8 43.2





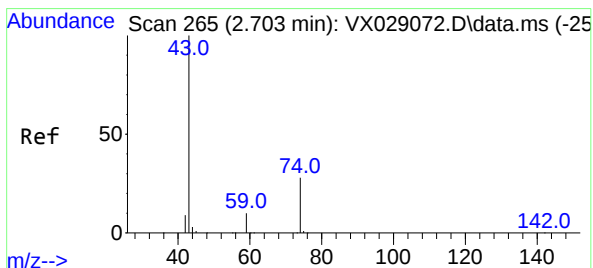
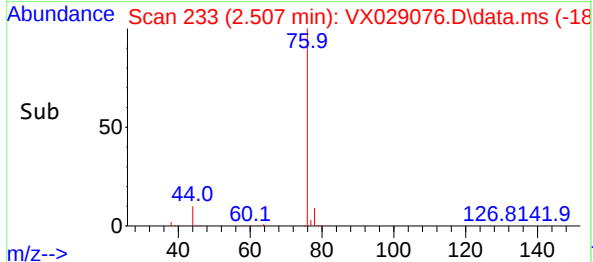
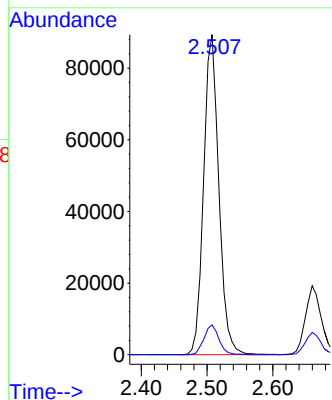
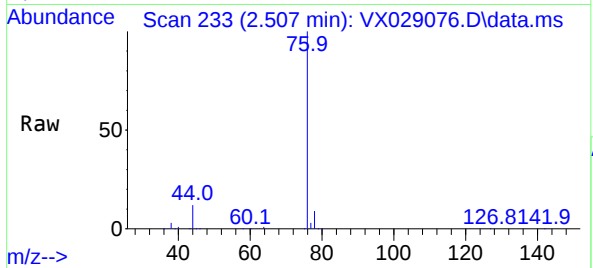
#17
Carbon Disulfide
Concen: 18.737 ug/l
RT: 2.507 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX029076.D
Acq: 31 May 2022 15:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 14343
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8

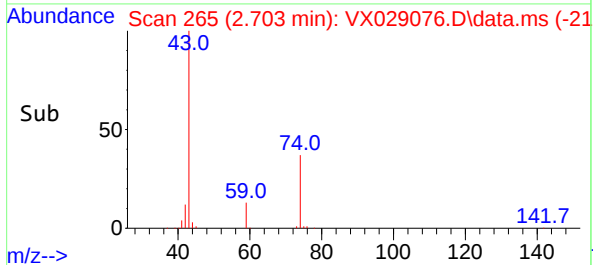
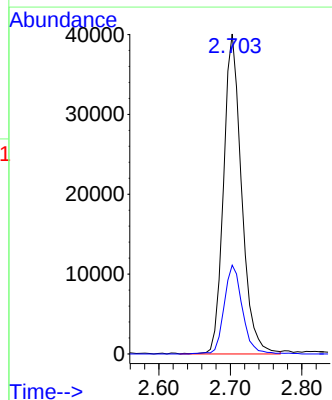
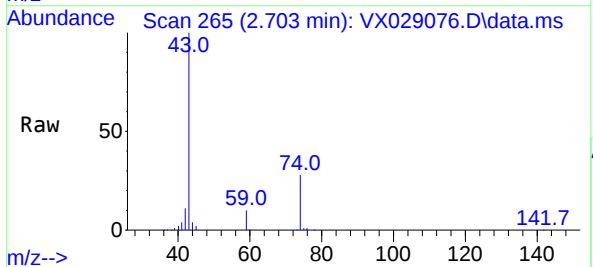
Manual Integrations
APPROVED

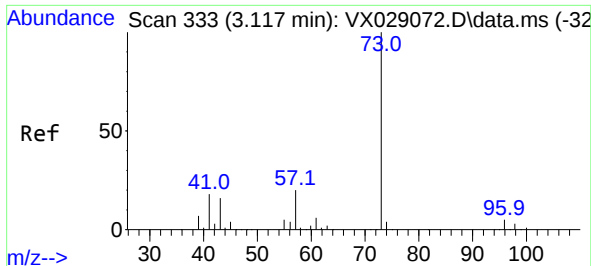
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#18
Methyl Acetate
Concen: 19.816 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX029076.D
Acq: 31 May 2022 15:02

Tgt Ion: 43 Resp: 70185
Ion Ratio Lower Upper
43 100
74 28.1 22.8 34.2





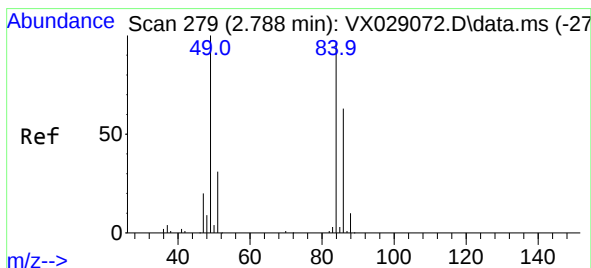
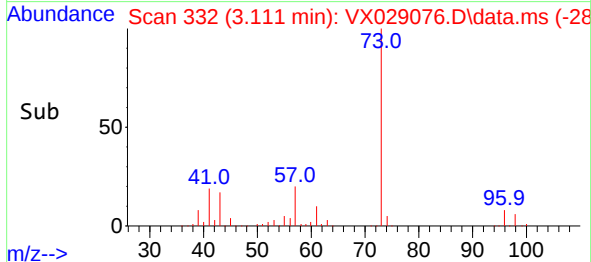
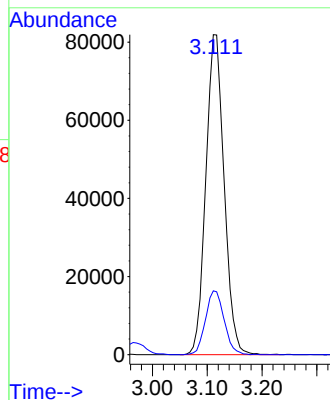
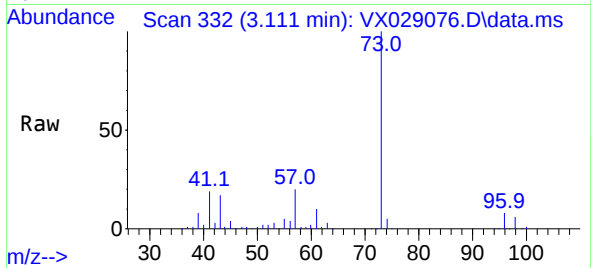
#19
Methyl tert-butyl Ether
Concen: 20.150 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX029076.D
Acq: 31 May 2022 15:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 73 Resp: 189414
Ion Ratio Lower Upper
73 100
57 19.9 16.8 25.2

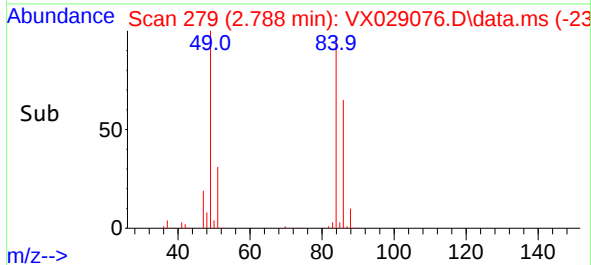
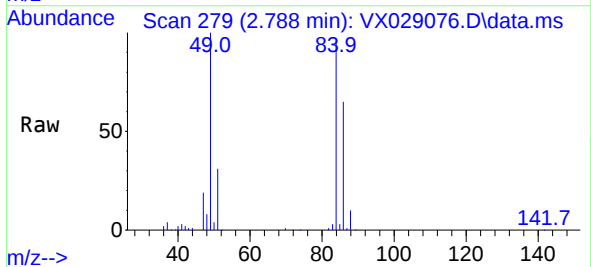
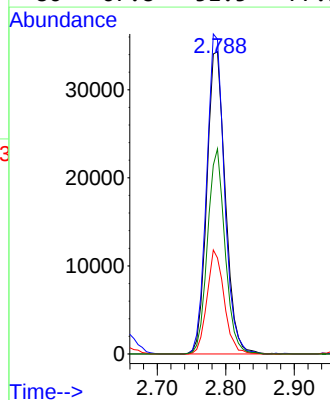
Manual Integrations
APPROVED

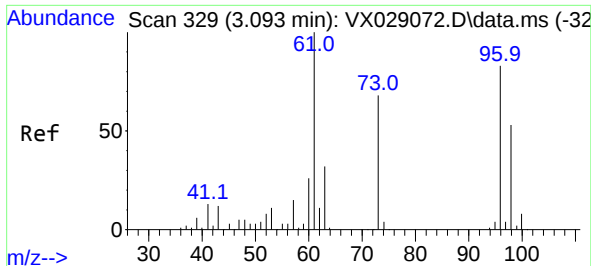
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#20
Methylene Chloride
Concen: 20.255 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX029076.D
Acq: 31 May 2022 15:02

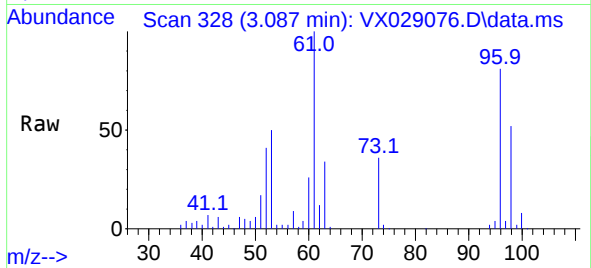
Tgt Ion: 84 Resp: 64322
Ion Ratio Lower Upper
84 100
49 104.1 85.5 128.3
51 31.8 26.6 39.8
86 67.8 51.5 77.3





#21
trans-1,2-Dichloroethene
Concen: 19.848 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX029076.D
Acq: 31 May 2022 15:02

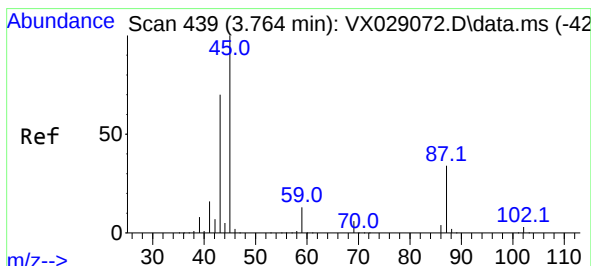
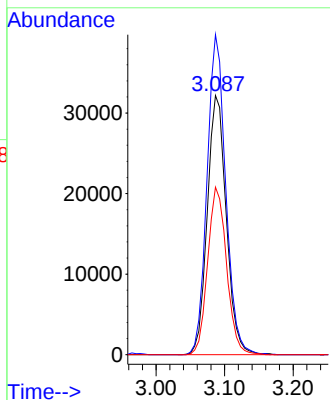
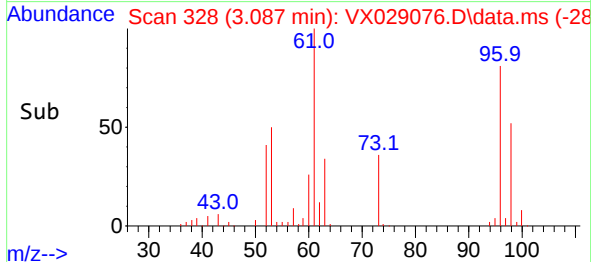
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



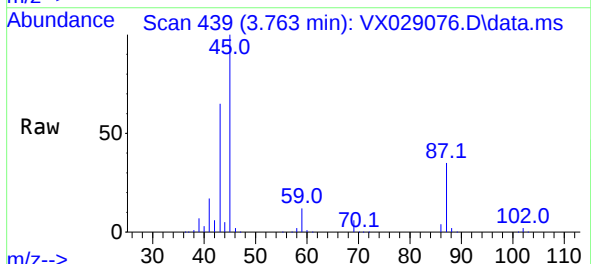
Tgt Ion: 96 Resp: 62100
Ion Ratio Lower Upper
96 100
61 123.5 105.4 158.2
98 64.7 50.0 75.0

Manual Integrations
APPROVED

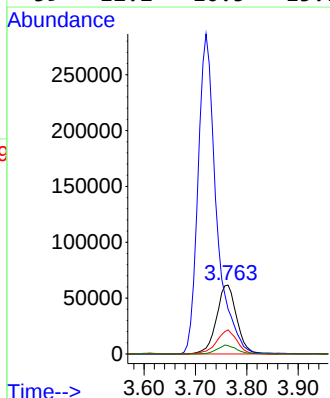
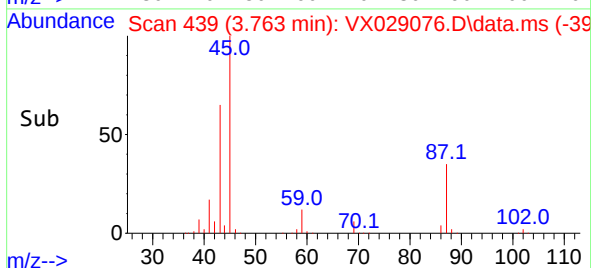
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

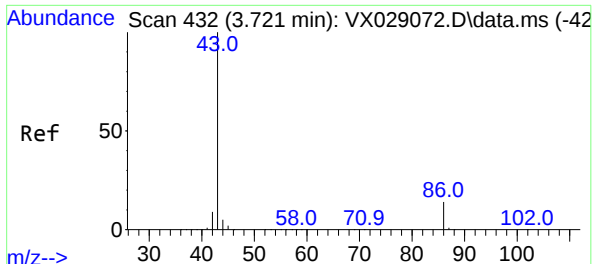


#22
Diisopropyl ether
Concen: 20.131 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX029076.D
Acq: 31 May 2022 15:02



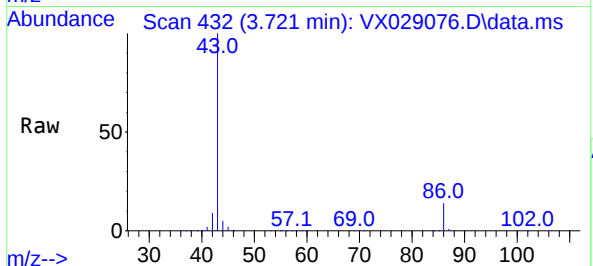
Tgt Ion: 45 Resp: 167724
Ion Ratio Lower Upper
45 100
43 64.5 50.8 76.2
87 34.9 26.6 39.8
59 12.2 10.5 15.7





#23
 Vinyl Acetate
 Concen: 102.373 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX029076.D
 Acq: 31 May 2022 15:02

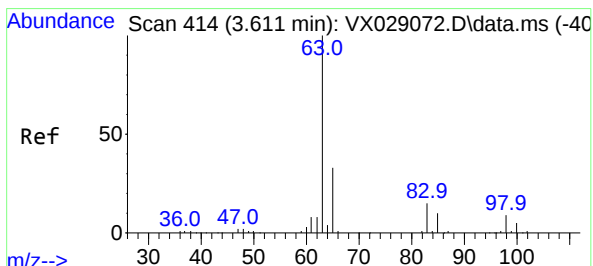
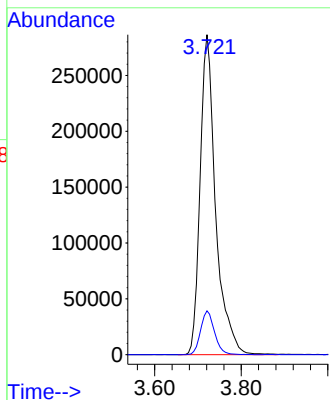
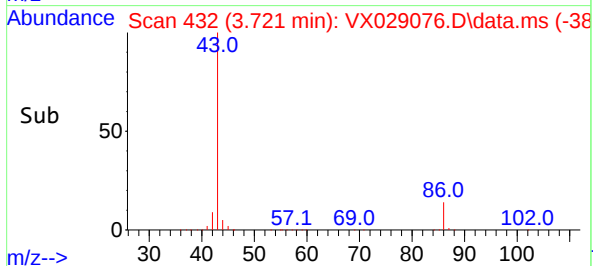
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020



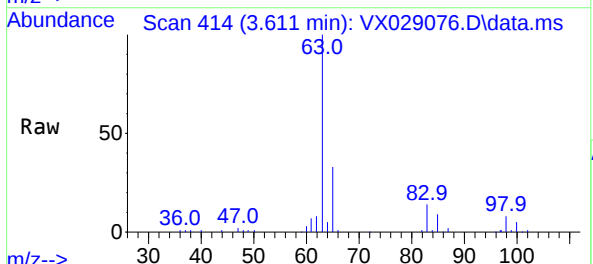
Tgt Ion: 43 Resp: 712718
 Ion Ratio Lower Upper
 43 100
 86 13.7 10.8 16.2

Manual Integrations
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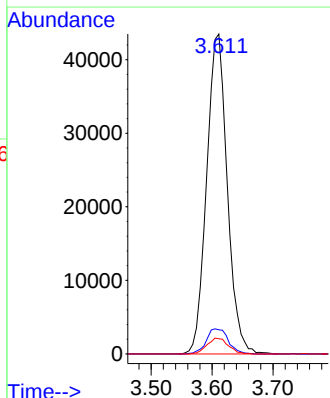
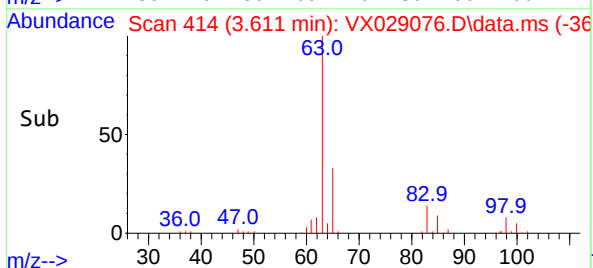
Reviewed By :John Carlone 06/01/2022
 Supervised By :Mahesh Dadoda 06/01/2022

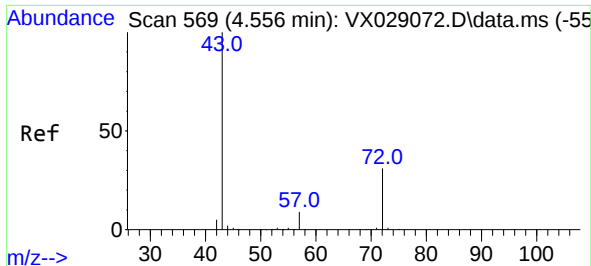


#24
 1,1-Dichloroethane
 Concen: 19.839 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX029076.D
 Acq: 31 May 2022 15:02



Tgt Ion: 63 Resp: 102506
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.9 11.7
 100 4.7 2.4 7.2





#25

2-Butanone

Concen: 100.693 ug/l

RT: 4.556 min Scan# 569

Delta R.T. -0.000 min

Lab File: VX029076.D

Acq: 31 May 2022 15:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 43 Resp: 222098

Ion Ratio Lower Upper

43 100

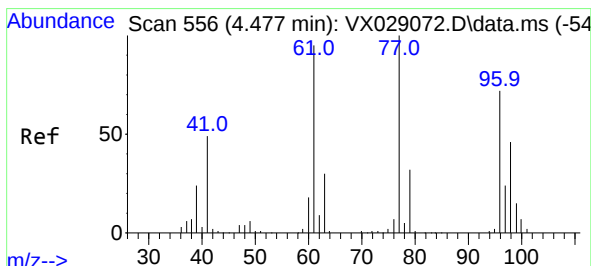
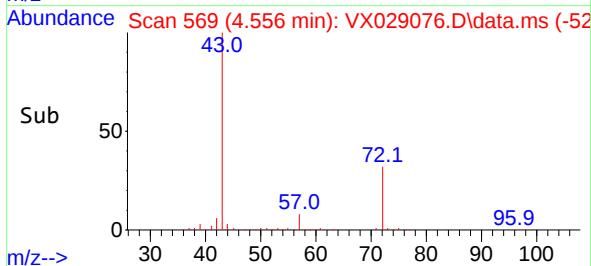
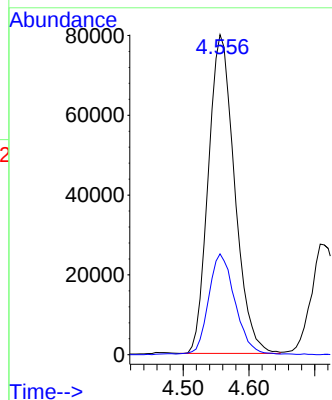
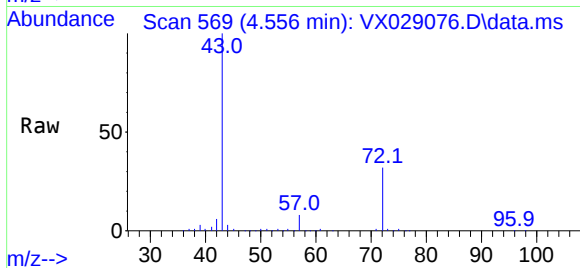
72 31.5 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2022

Supervised By :Mahesh Dadoda 06/01/2022



#26

2,2-Dichloropropane

Concen: 20.298 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.000 min

Lab File: VX029076.D

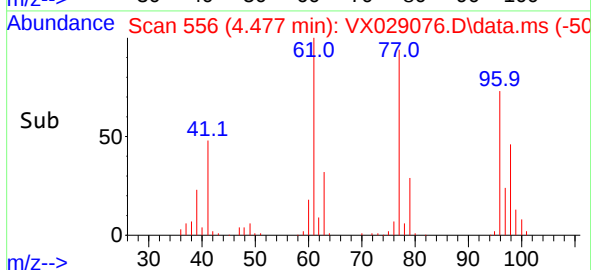
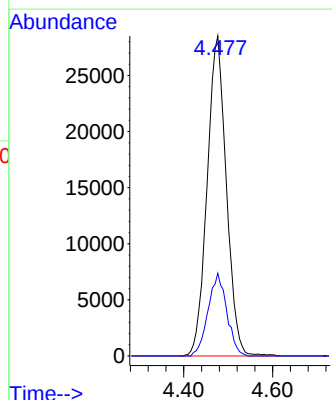
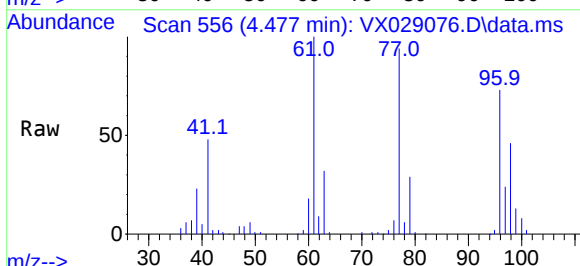
Acq: 31 May 2022 15:02

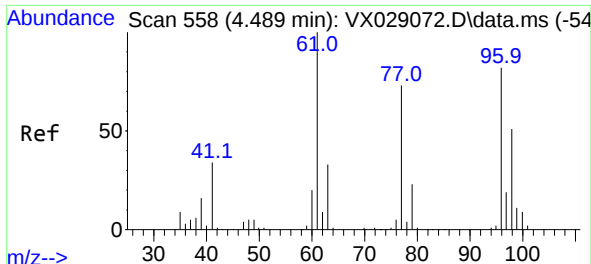
Tgt Ion: 77 Resp: 85723

Ion Ratio Lower Upper

77 100

97 25.0 11.8 35.4





#27
cis-1,2-Dichloroethene
Concen: 19.534 ug/l
RT: 4.489 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX029076.D
Acq: 31 May 2022 15:02

Instrument :

MSVOA_X

ClientSampleId :

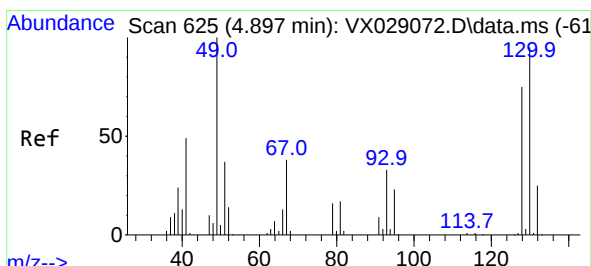
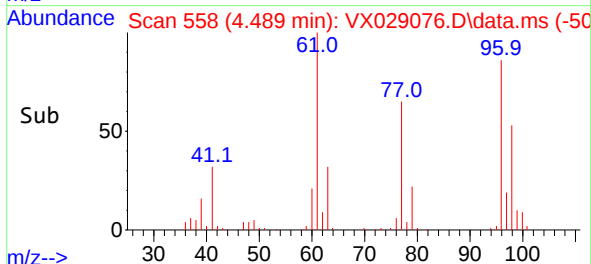
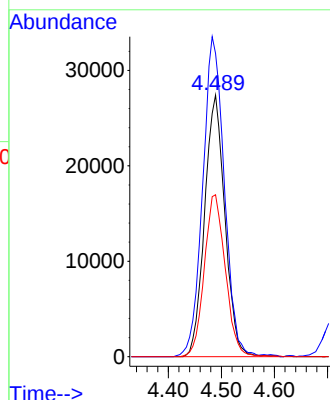
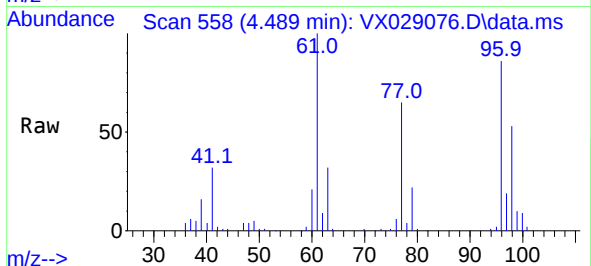
VSTDIC020

Tgt Ion: 96 Resp: 7292
Ion Ratio Lower Upper
96 100
61 129.8 0.0 283.8
98 64.2 0.0 129.8

Manual Integrations

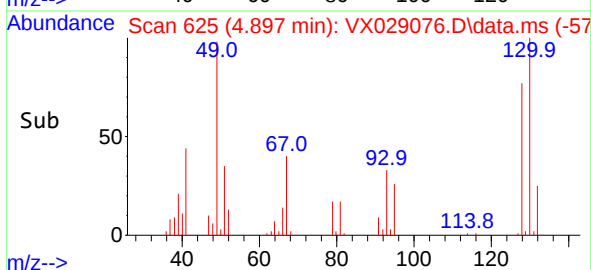
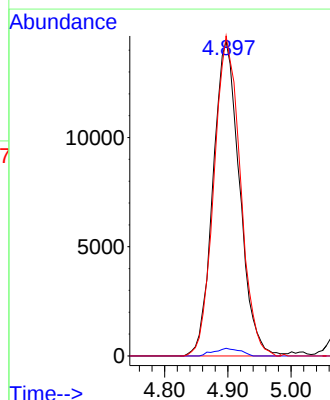
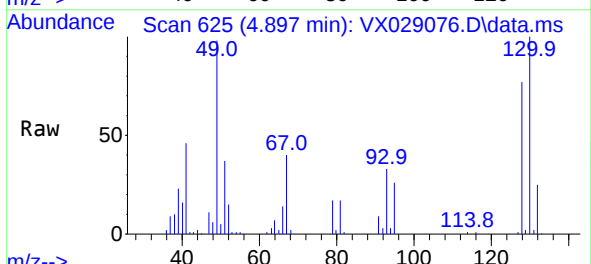
APPROVED

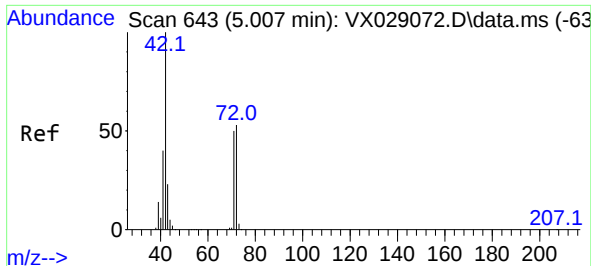
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#28
Bromochloromethane
Concen: 20.140 ug/l
RT: 4.897 min Scan# 625
Delta R.T. -0.000 min
Lab File: VX029076.D
Acq: 31 May 2022 15:02

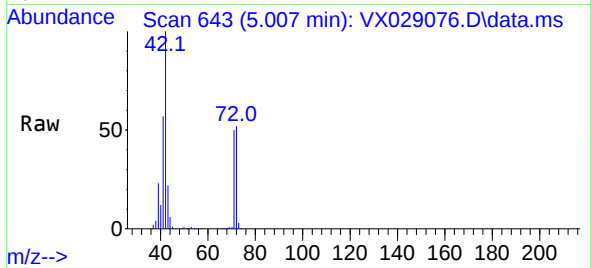
Tgt Ion: 49 Resp: 41866
Ion Ratio Lower Upper
49 100
129 2.4 0.0 4.4
130 101.1 70.7 106.1





#29
Tetrahydrofuran
Concen: 97.577 ug/l
RT: 5.007 min Scan# 643
Delta R.T. -0.000 min
Lab File: VX029076.D
Acq: 31 May 2022 15:02

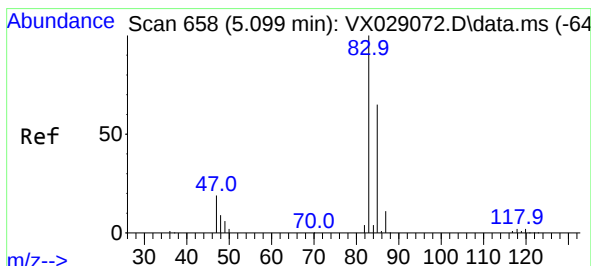
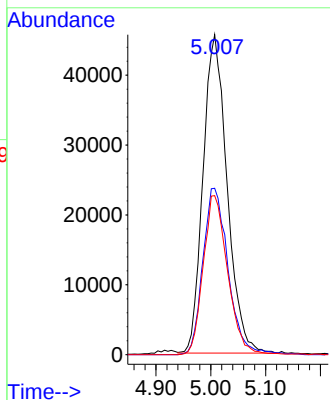
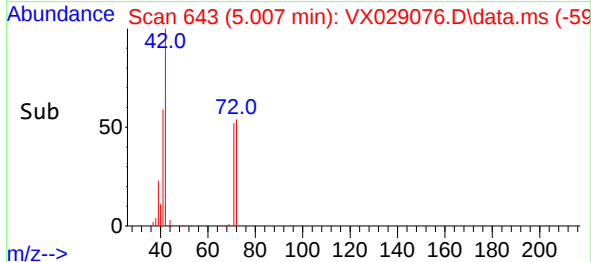
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



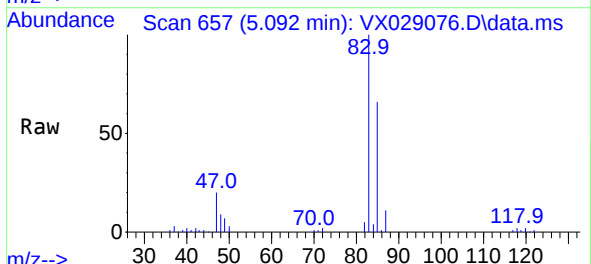
Tgt Ion: 42 Resp: 138948
Ion Ratio Lower Upper
42 100
72 55.0 44.1 66.1
71 50.8 40.5 60.7

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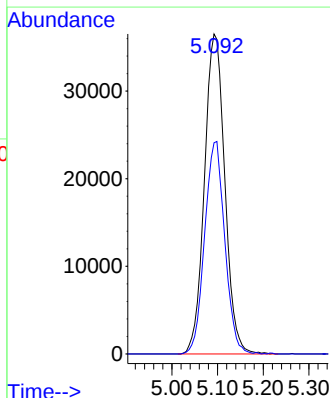
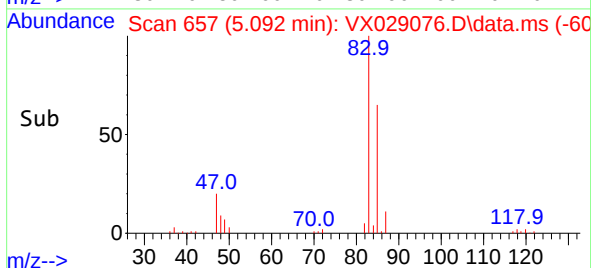
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

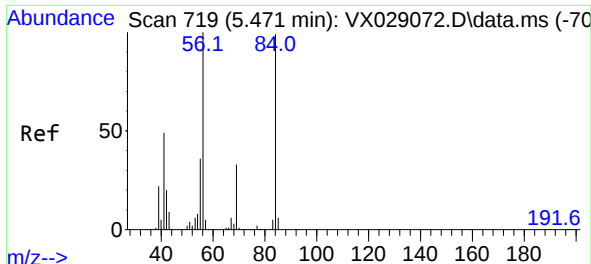


#30
Chloroform
Concen: 19.755 ug/l
RT: 5.092 min Scan# 657
Delta R.T. -0.006 min
Lab File: VX029076.D
Acq: 31 May 2022 15:02



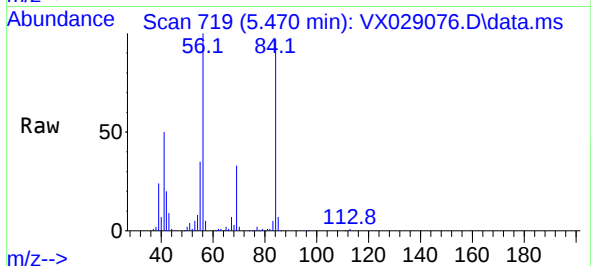
Tgt Ion: 83 Resp: 113273
Ion Ratio Lower Upper
83 100
85 66.0 52.7 79.1





#31
Cyclohexane
Concen: 20.403 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX029076.D
Acq: 31 May 2022 15:02

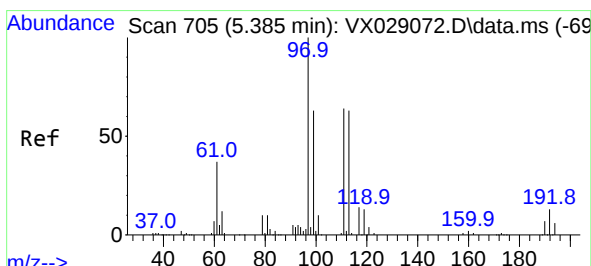
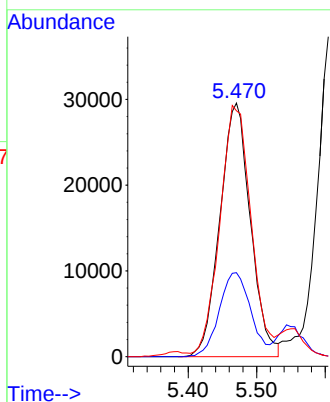
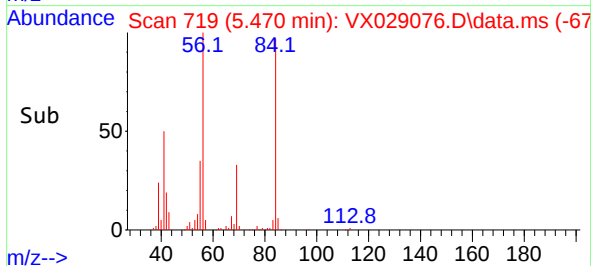
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



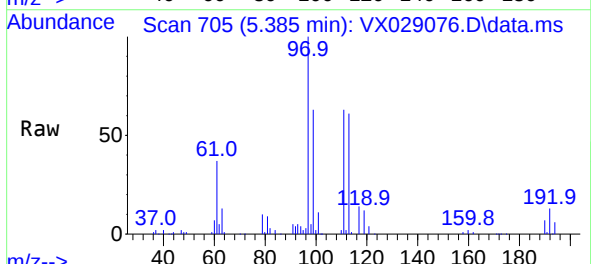
Tgt Ion: 56 Resp: 91540
Ion Ratio Lower Upper
56 100
69 33.2 26.7 40.1
84 95.0 77.2 115.8

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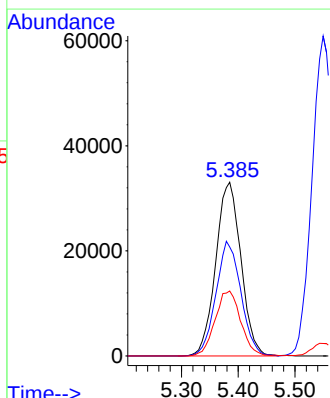
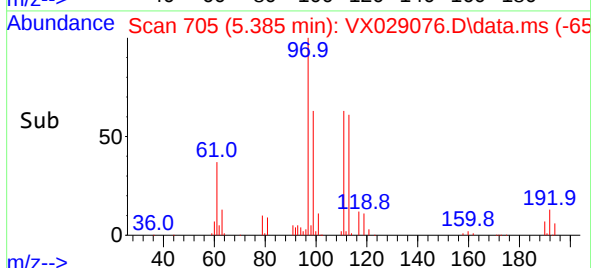
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

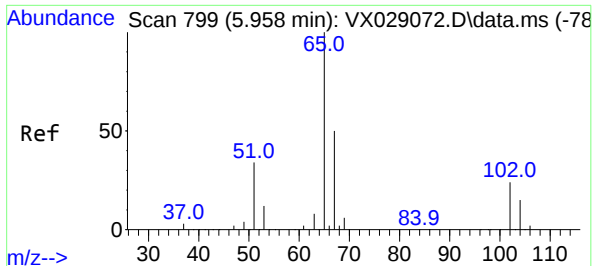


#32
1,1,1-Trichloroethane
Concen: 19.672 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX029076.D
Acq: 31 May 2022 15:02



Tgt Ion: 97 Resp: 102143
Ion Ratio Lower Upper
97 100
99 65.4 51.8 77.6
61 38.1 34.0 51.0





#33

1,2-Dichloroethane-d4

Concen: 19.056 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX029076.D

Acq: 31 May 2022 15:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 66260

Ion Ratio Lower Upper

65 100

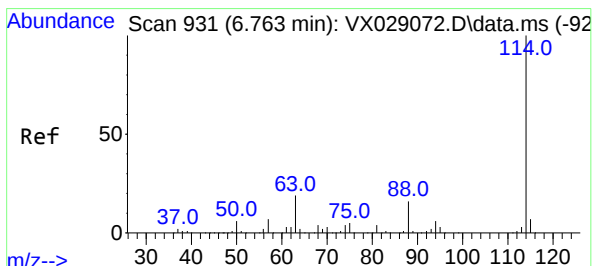
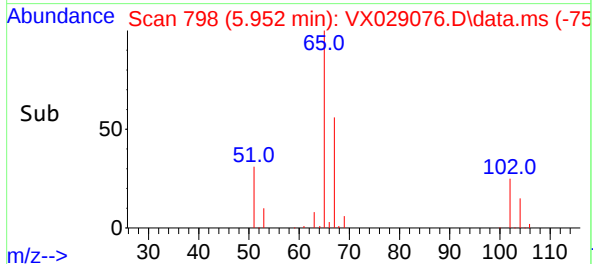
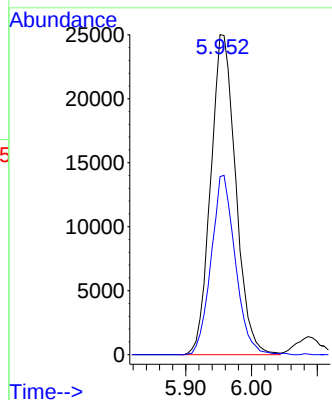
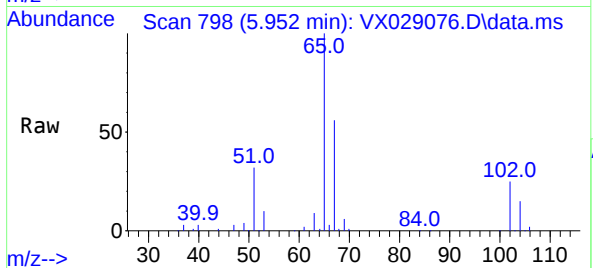
67 54.1 0.0 107.4

Manual Integrations

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Reviewed By :John Carlone 06/01/2022

Supervised By :Mahesh Dadoda 06/01/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX029076.D

Acq: 31 May 2022 15:02

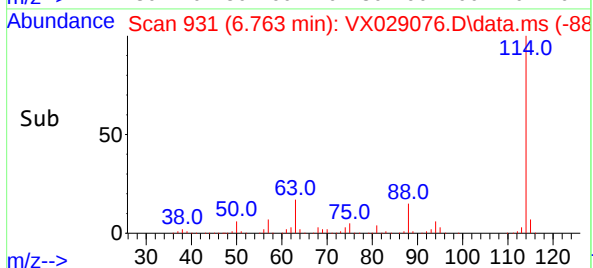
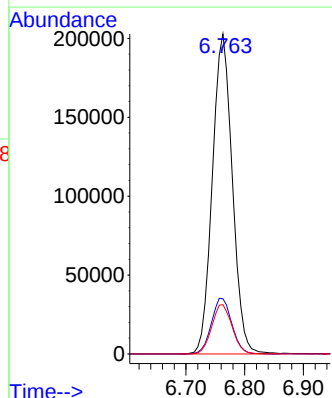
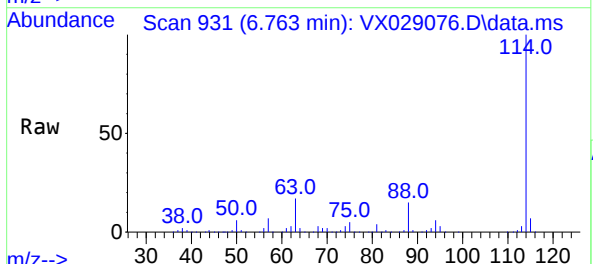
Tgt Ion:114 Resp: 478436

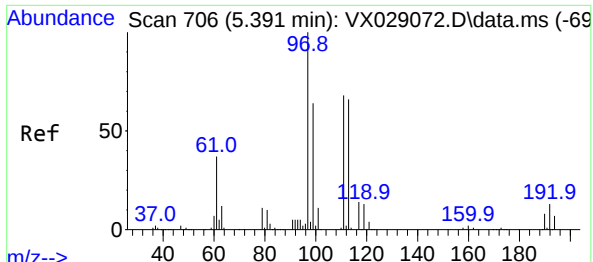
Ion Ratio Lower Upper

114 100

63 17.2 0.0 36.8

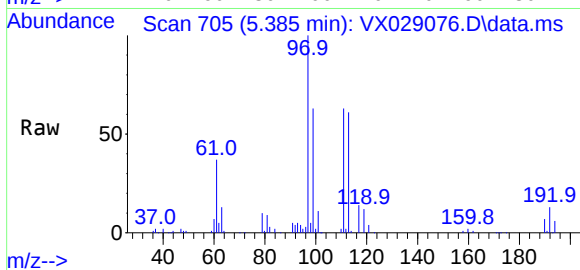
88 15.4 0.0 32.4





#35
Dibromofluoromethane
Concen: 19.079 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX029076.D
Acq: 31 May 2022 15:02

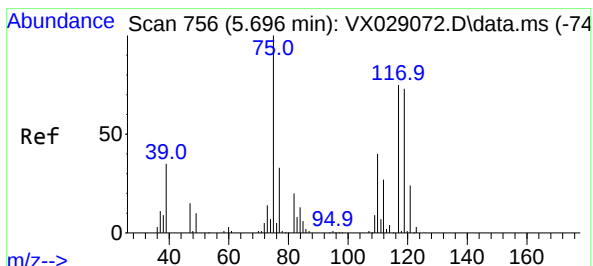
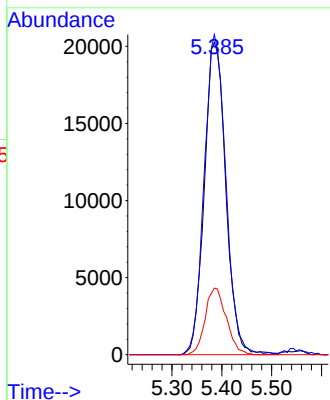
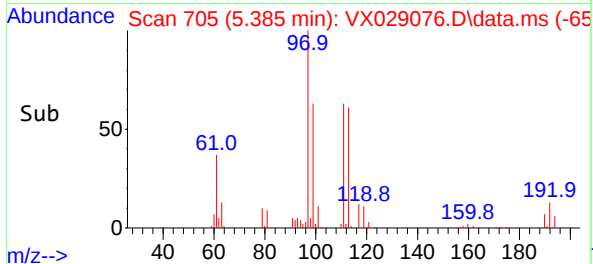
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 113 Resp: 6065
Ion Ratio Lower Upper
113 100
111 102.8 82.8 124.2
192 21.0 16.9 25.3

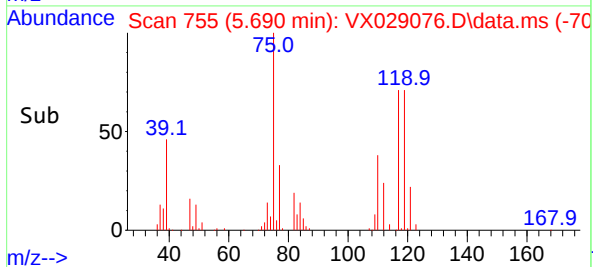
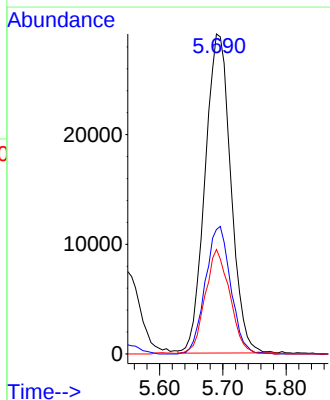
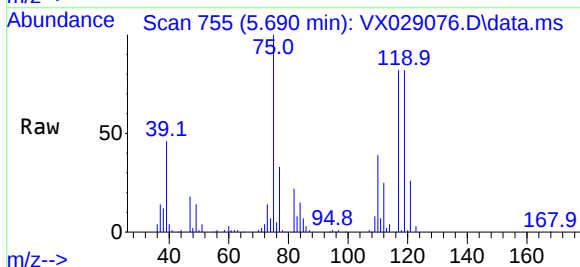
Manual Integrations
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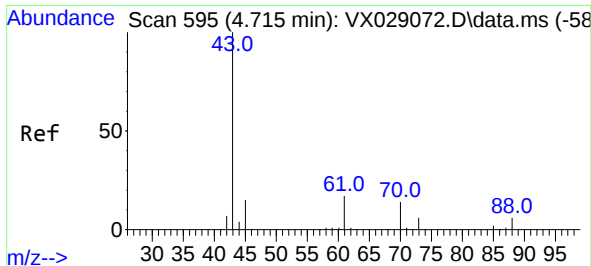
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#36
1,1-Dichloropropene
Concen: 20.231 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX029076.D
Acq: 31 May 2022 15:02

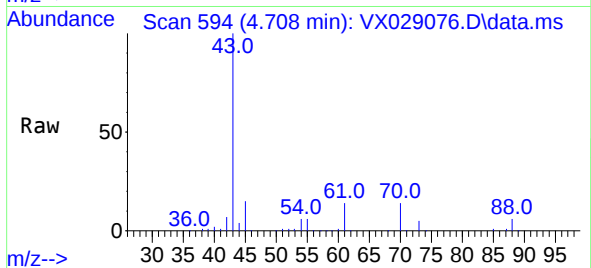
Tgt Ion: 75 Resp: 82259
Ion Ratio Lower Upper
75 100
110 39.4 18.3 54.8
77 31.5 24.8 37.2





#37
Ethyl Acetate
Concen: 20.534 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX029076.D
Acq: 31 May 2022 15:02

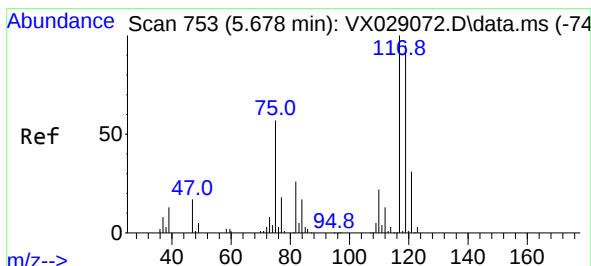
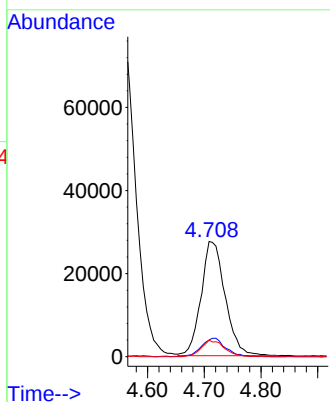
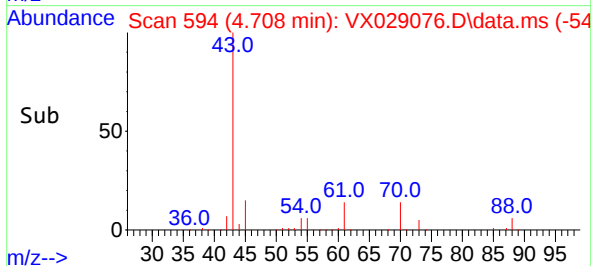
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 81174
Ion Ratio Lower Upper
43 100
61 16.2 12.6 19.0
70 13.8 10.2 15.2

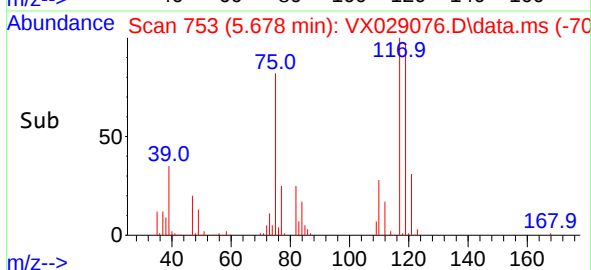
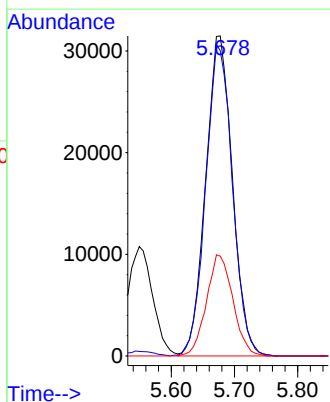
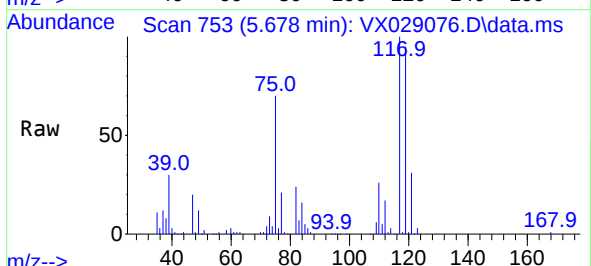
Manual Integrations
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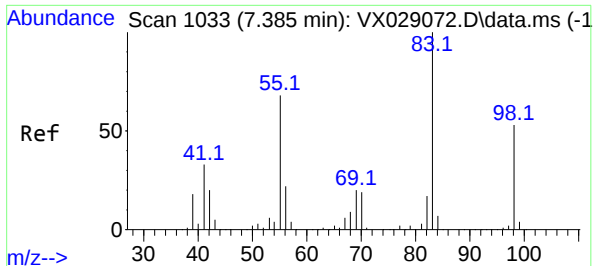
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#38
Carbon Tetrachloride
Concen: 19.811 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX029076.D
Acq: 31 May 2022 15:02

Tgt Ion:117 Resp: 92544
Ion Ratio Lower Upper
117 100
119 95.3 77.3 115.9
121 31.2 24.2 36.2





#39

Methylcyclohexane

Concen: 21.428 ug/l

RT: 7.379 min Scan# 1033

Delta R.T. -0.006 min

Lab File: VX029076.D

Acq: 31 May 2022 15:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 83 Resp: 106959

Ion Ratio Lower Upper

83 100

55 69.4 54.6 81.8

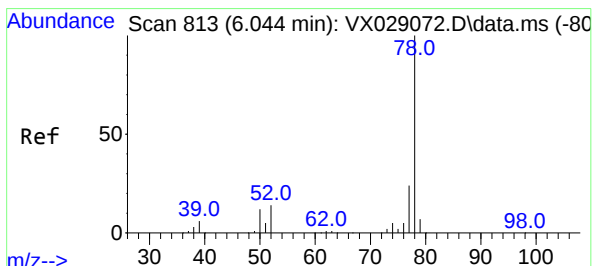
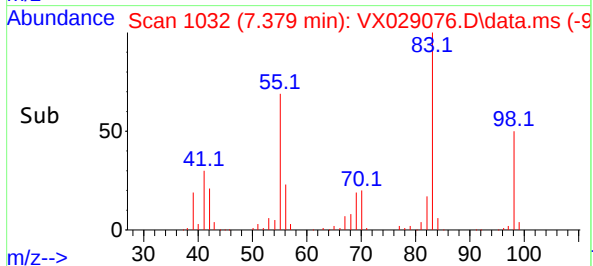
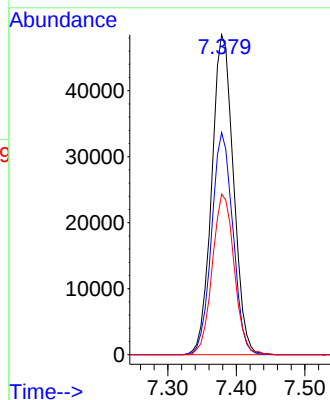
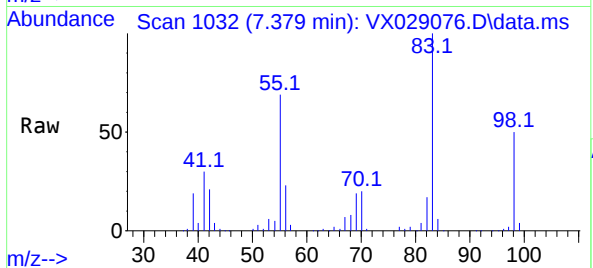
98 50.2 37.4 56.2

Manual Integrations

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Reviewed By :John Carlone 06/01/2022

Supervised By :Mahesh Dadoda 06/01/2022



#40

Benzene

Concen: 20.348 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.006 min

Lab File: VX029076.D

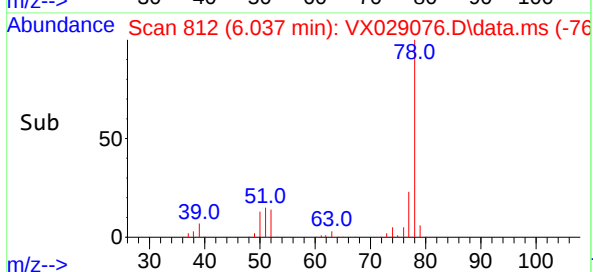
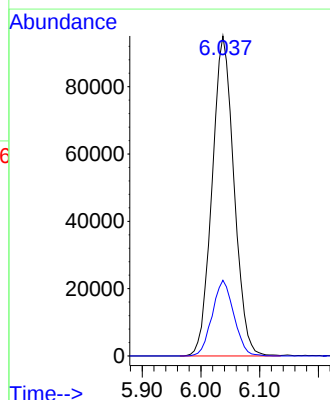
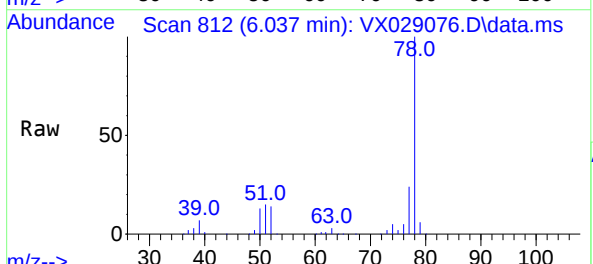
Acq: 31 May 2022 15:02

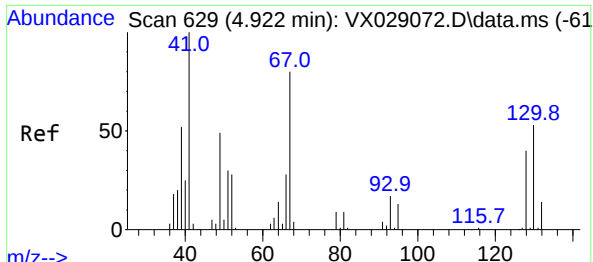
Tgt Ion: 78 Resp: 245967

Ion Ratio Lower Upper

78 100

77 23.6 19.3 28.9





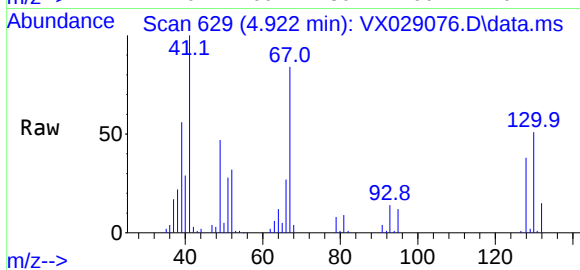
#41
Methacrylonitrile
Concen: 20.481 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX029076.D
Acq: 31 May 2022 15:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

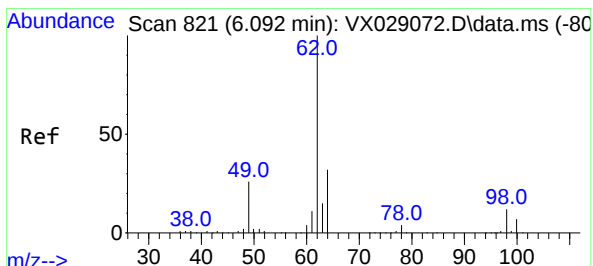
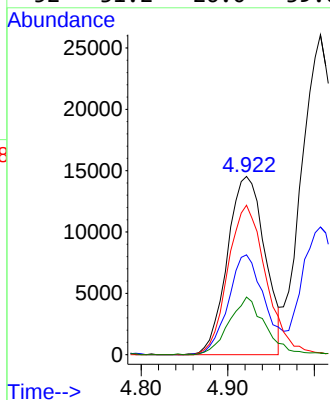
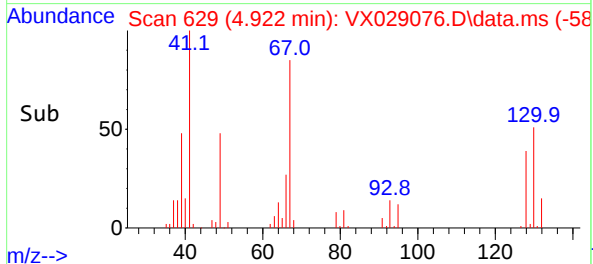


Tgt Ion: 41 Resp: 4377
Ion Ratio Lower Upper
41 100
39 54.3 43.0 64.4
67 85.5 70.2 105.4
52 31.2 26.0 39.0

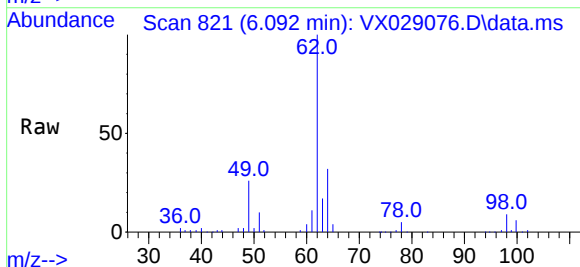
Manual Integrations

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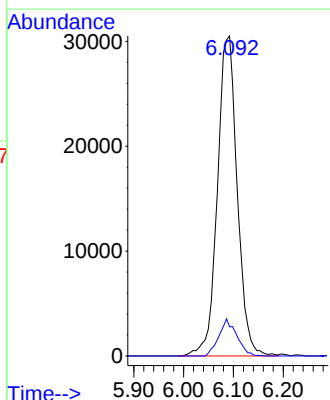
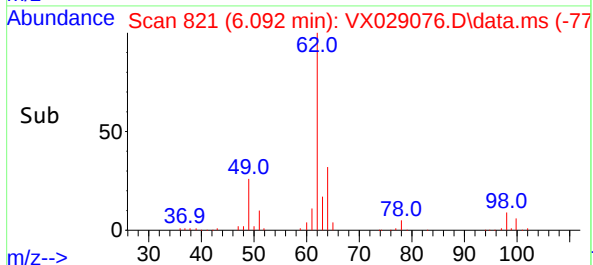
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

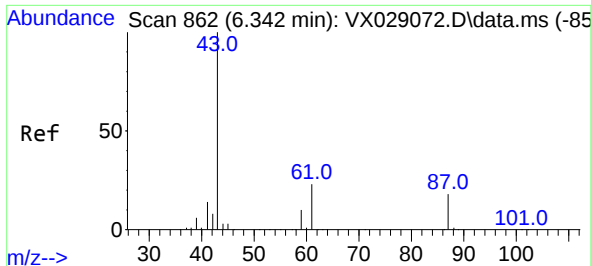


#42
1,2-Dichloroethane
Concen: 20.587 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.000 min
Lab File: VX029076.D
Acq: 31 May 2022 15:02



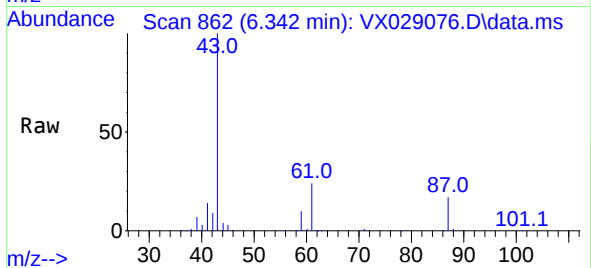
Tgt Ion: 62 Resp: 84245
Ion Ratio Lower Upper
62 100
98 10.4 0.0 20.4





#43
Isopropyl Acetate
Concen: 20.373 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX029076.D
Acq: 31 May 2022 15:02

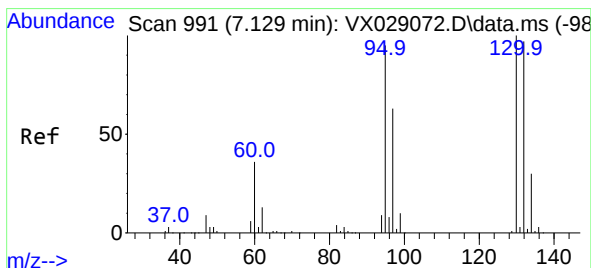
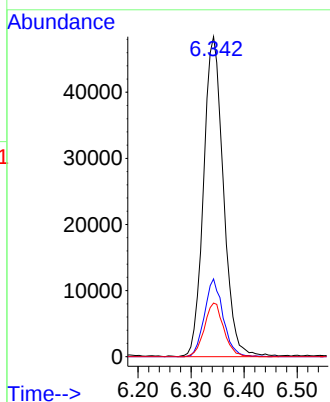
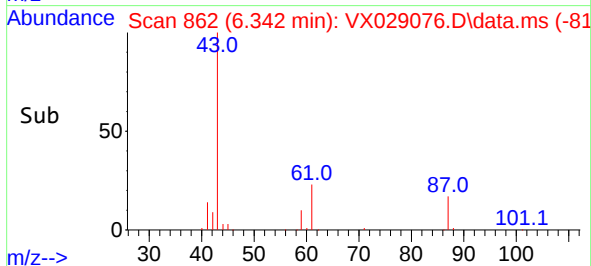
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 12579
Ion Ratio Lower Upper
43 100
61 22.8 18.5 27.7
87 16.4 13.0 19.6

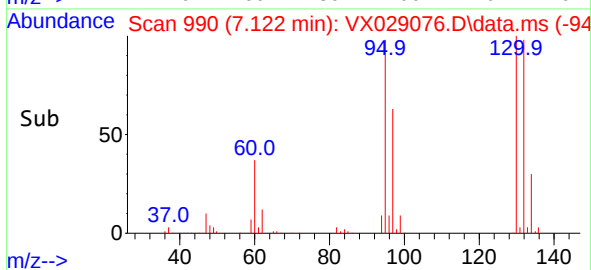
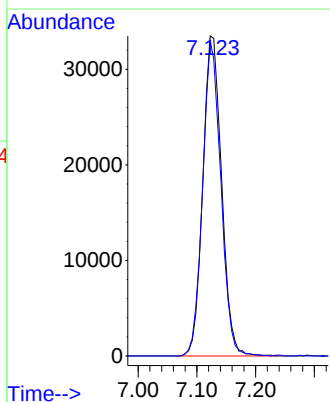
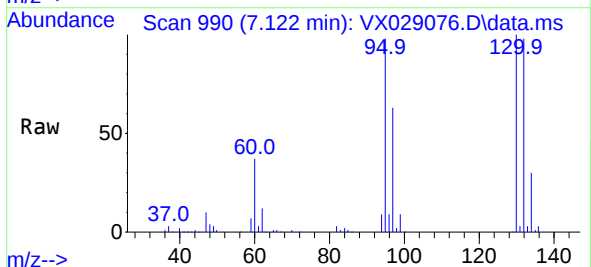
Manual Integrations
APPROVED

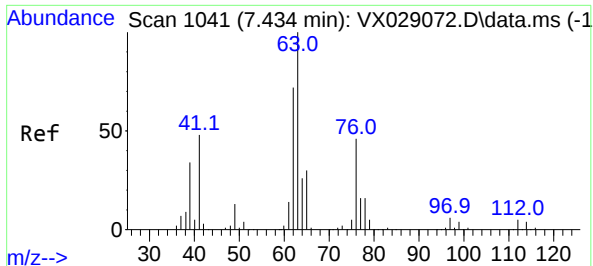
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#44
Trichloroethene
Concen: 17.893 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX029076.D
Acq: 31 May 2022 15:02

Tgt Ion:130 Resp: 74145
Ion Ratio Lower Upper
130 100
95 98.4 0.0 188.8





#45

1,2-Dichloropropane

Concen: 20.233 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX029076.D

Acq: 31 May 2022 15:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 5887

Ion Ratio Lower Upper

63 100

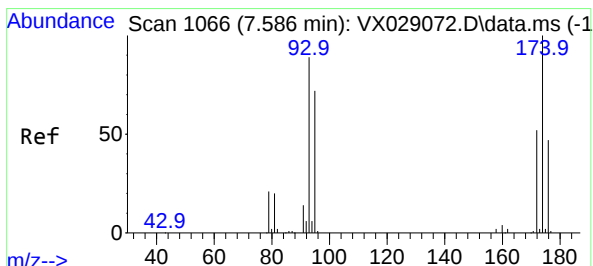
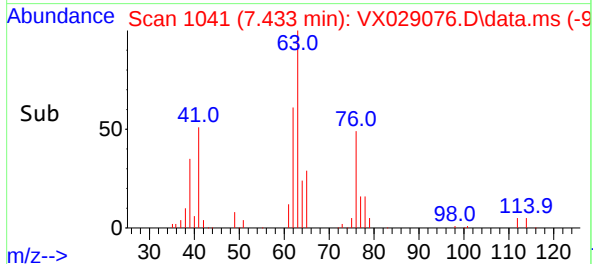
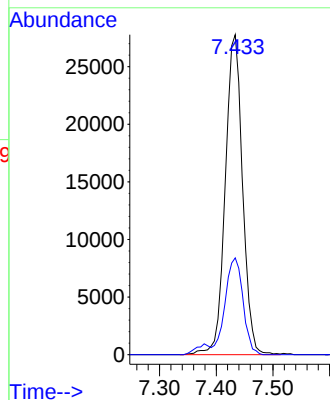
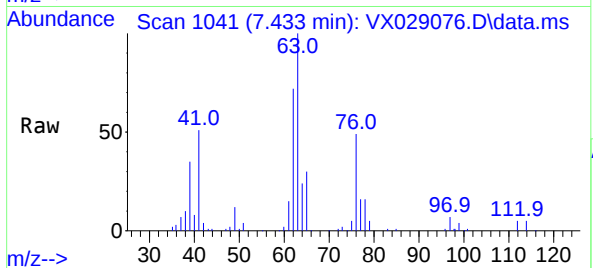
65 30.2 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2022

Supervised By :Mahesh Dadoda 06/01/2022



#46

Dibromomethane

Concen: 20.294 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX029076.D

Acq: 31 May 2022 15:02

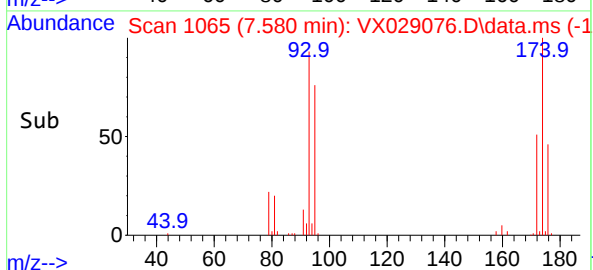
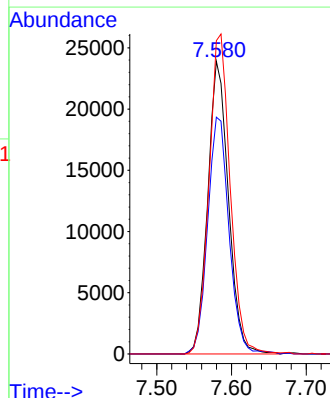
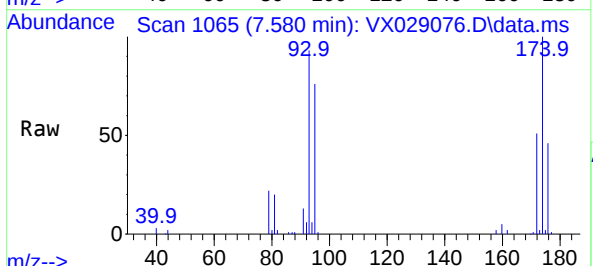
Tgt Ion: 93 Resp: 45988

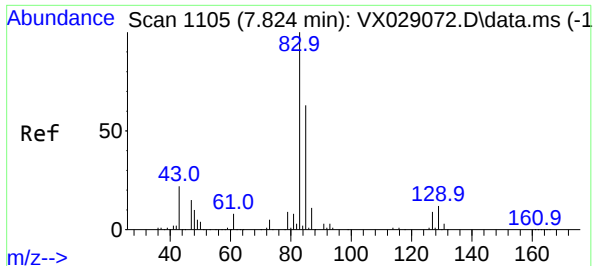
Ion Ratio Lower Upper

93 100

95 83.7 65.8 98.6

174 112.5 85.4 128.2





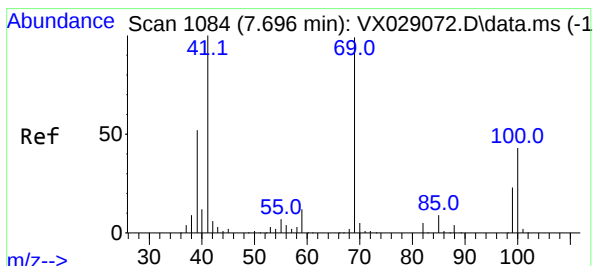
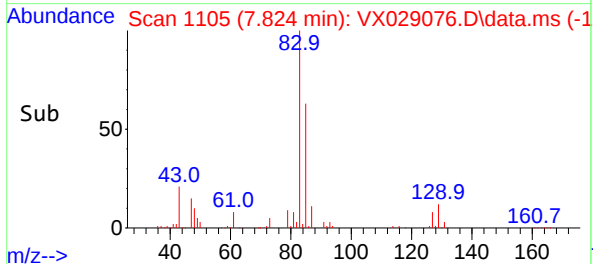
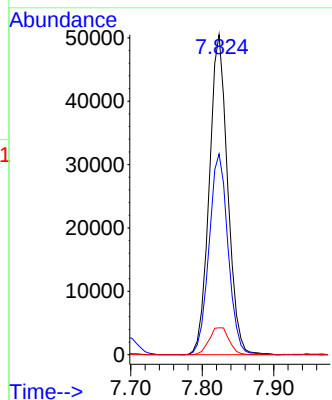
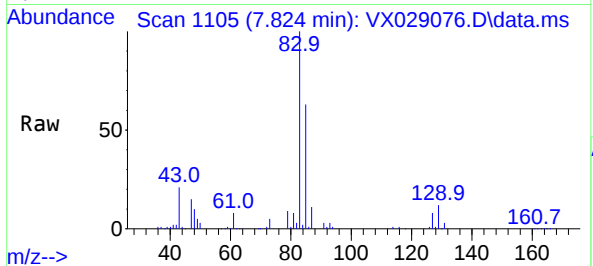
#47
Bromodichloromethane
Concen: 20.060 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX029076.D
Acq: 31 May 2022 15:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 8994
Ion Ratio Lower Upper
83 100
85 62.8 52.2 78.2
127 8.4 6.8 10.2

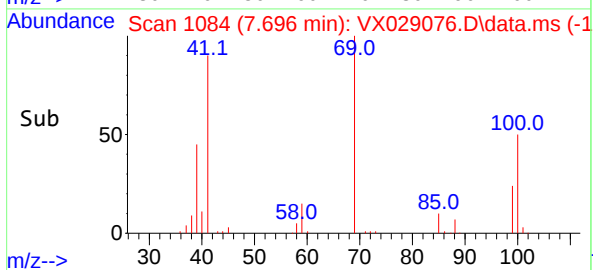
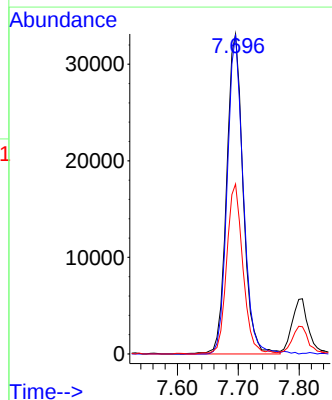
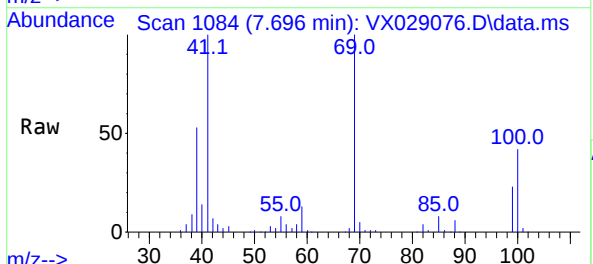
Manual Integrations
APPROVED

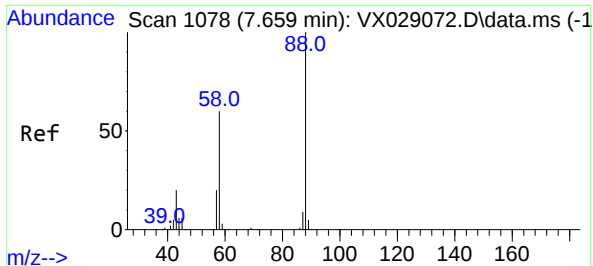
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#48
Methyl methacrylate
Concen: 20.735 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX029076.D
Acq: 31 May 2022 15:02

Tgt Ion: 41 Resp: 62115
Ion Ratio Lower Upper
41 100
69 96.5 82.5 123.7
39 52.5 43.8 65.8





#49

1,4-Dioxane

Concen: 411.474 ug/l

RT: 7.665 min Scan# 1078

Delta R.T. 0.006 min

Lab File: VX029076.D

Acq: 31 May 2022 15:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 88 Resp: 3781

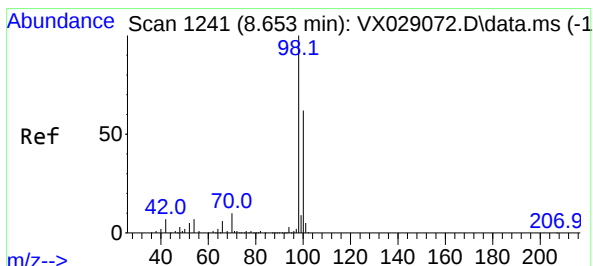
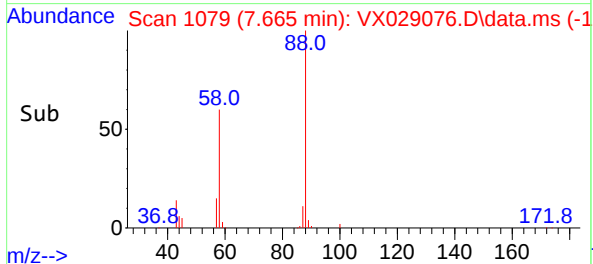
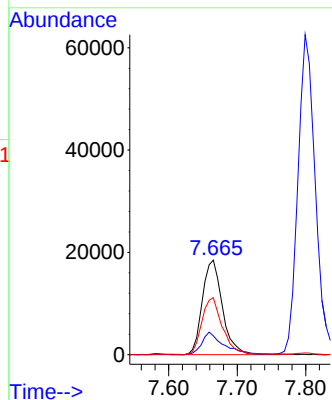
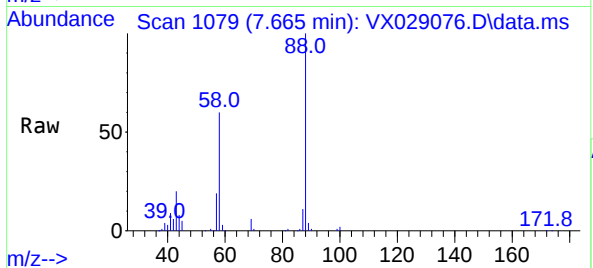
Ion	Ratio	Lower	Upper
88	100		
43	25.5	21.9	32.9
58	62.2	53.7	80.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2022

Supervised By :Mahesh Dadoda 06/01/2022



#50

Toluene-d8

Concen: 19.480 ug/l

RT: 8.653 min Scan# 1241

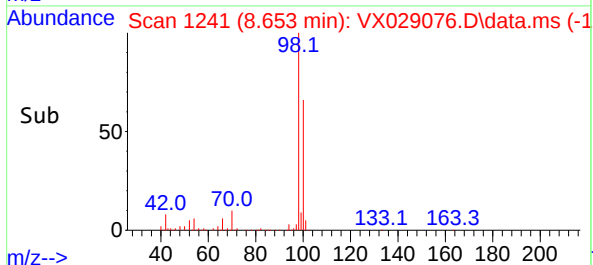
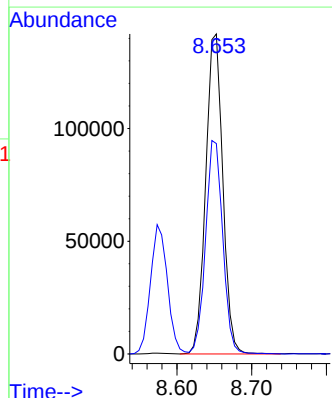
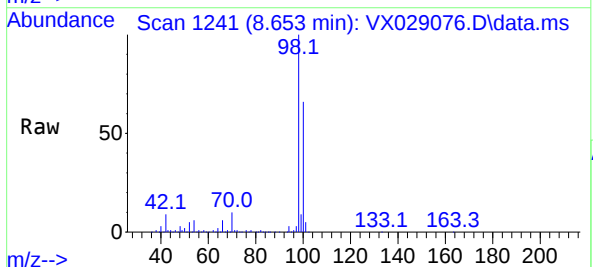
Delta R.T. -0.000 min

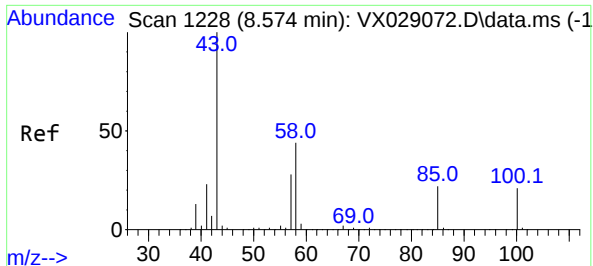
Lab File: VX029076.D

Acq: 31 May 2022 15:02

Tgt Ion: 98 Resp: 225174

Ion	Ratio	Lower	Upper
98	100		
100	67.1	52.6	78.8





#51

4-Methyl-2-Pentanone

Concen: 102.545 ug/l

RT: 8.573 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX029076.D

Acq: 31 May 2022 15:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 43 Resp: 42218

Ion Ratio Lower Upper

43 100

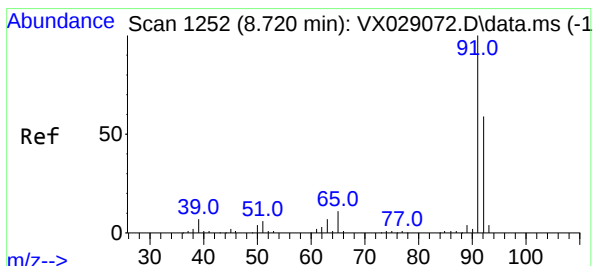
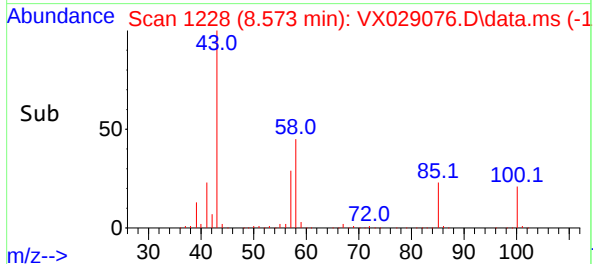
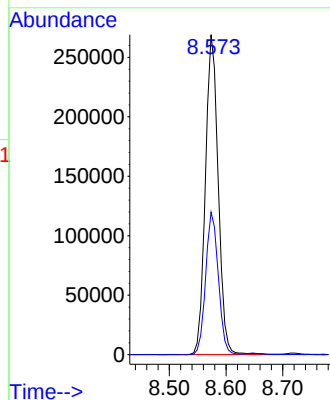
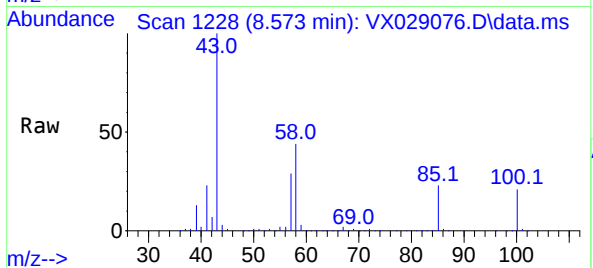
58 44.1 36.1 54.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2022

Supervised By :Mahesh Dadoda 06/01/2022



#52

Toluene

Concen: 20.790 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX029076.D

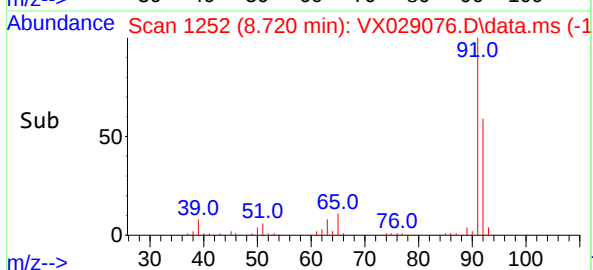
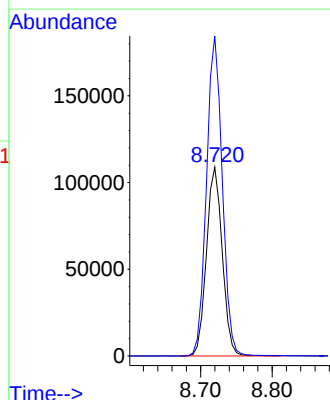
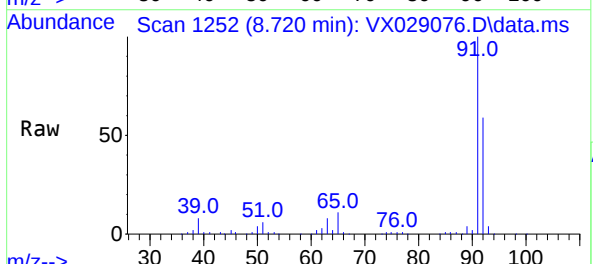
Acq: 31 May 2022 15:02

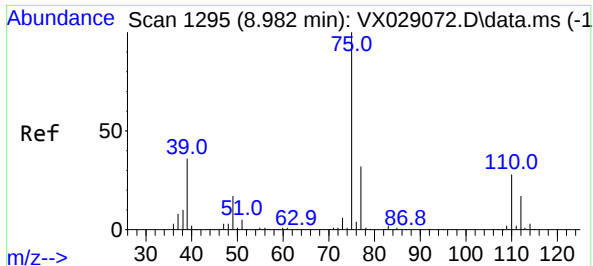
Tgt Ion: 92 Resp: 167064

Ion Ratio Lower Upper

92 100

91 169.4 137.5 206.3





#53

t-1,3-Dichloropropene

Concen: 19.921 ug/l

RT: 8.982 min Scan# 1295

Delta R.T. -0.000 min

Lab File: VX029076.D

Acq: 31 May 2022 15:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 75 Resp: 91618

Ion Ratio Lower Upper

75 100

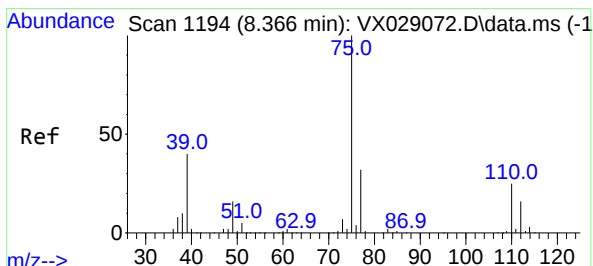
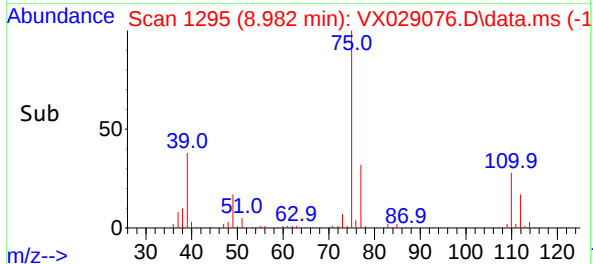
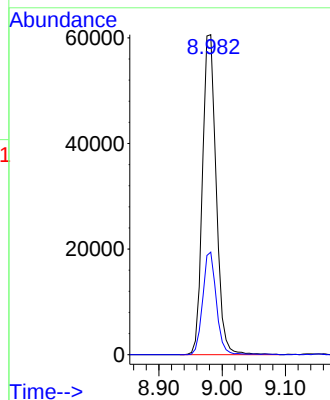
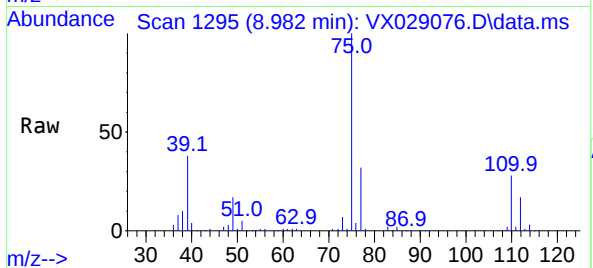
77 32.1 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2022

Supervised By :Mahesh Dadoda 06/01/2022



#54

cis-1,3-Dichloropropene

Concen: 20.170 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX029076.D

Acq: 31 May 2022 15:02

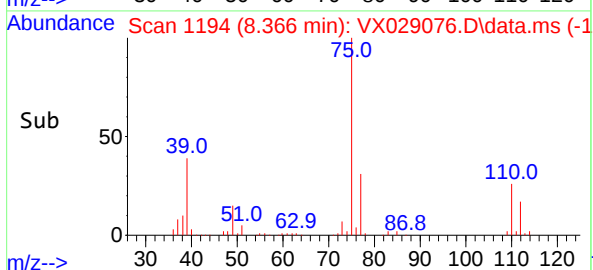
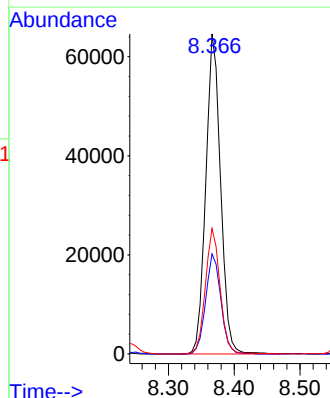
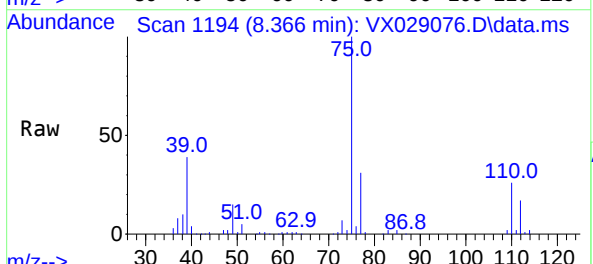
Tgt Ion: 75 Resp: 101130

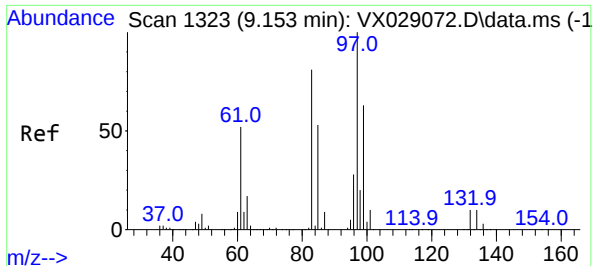
Ion Ratio Lower Upper

75 100

77 31.2 24.8 37.2

39 39.2 29.6 44.4





#55
1,1,2-Trichloroethane
Concen: 20.545 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX029076.D
Acq: 31 May 2022 15:02

Instrument :

MSVOA_X

ClientSampleId :

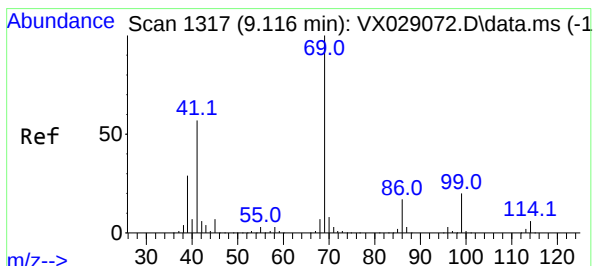
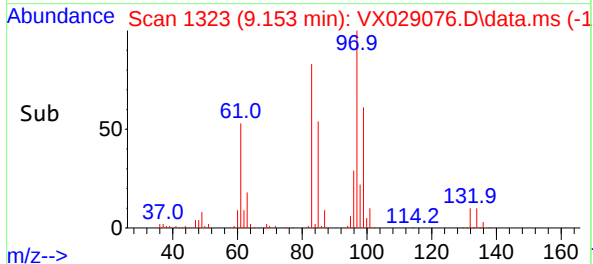
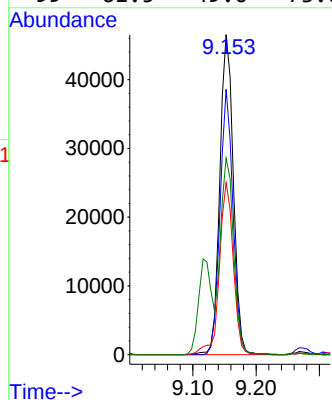
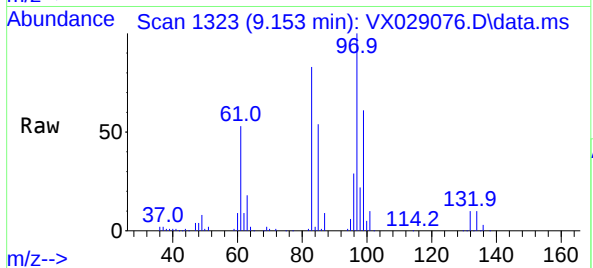
VSTDIC020

Tgt Ion: 97 Resp: 68734
Ion Ratio Lower Upper
97 100
83 82.9 66.2 99.4
85 53.7 42.9 64.3
99 61.5 49.0 73.6

Manual Integrations

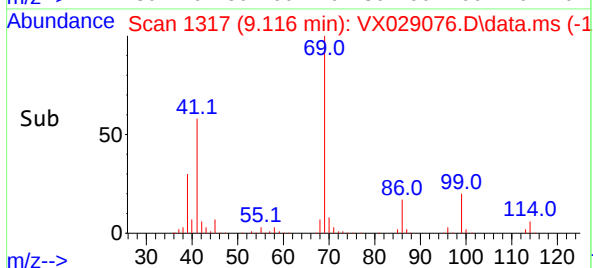
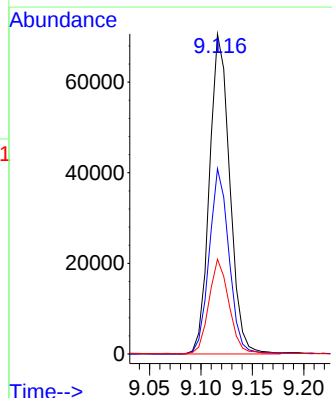
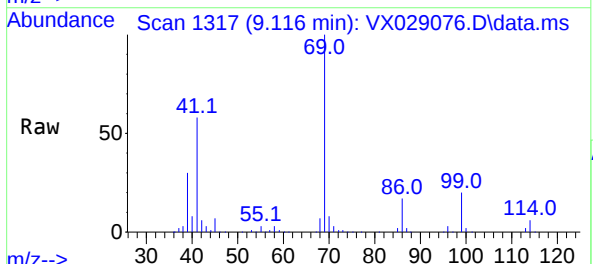
APPROVED

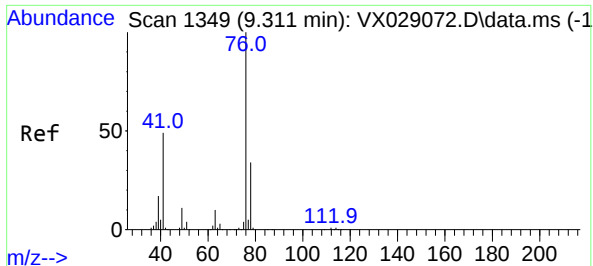
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#56
Ethyl methacrylate
Concen: 20.447 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX029076.D
Acq: 31 May 2022 15:02

Tgt Ion: 69 Resp: 97090
Ion Ratio Lower Upper
69 100
41 56.7 43.8 65.6
39 29.8 22.2 33.2





#57
1,3-Dichloropropane
Concen: 20.665 ug/l
RT: 9.311 min Scan# 110349
Delta R.T. -0.000 min
Lab File: VX029076.D
Acq: 31 May 2022 15:02

Instrument :

MSVOA_X

ClientSampleId :

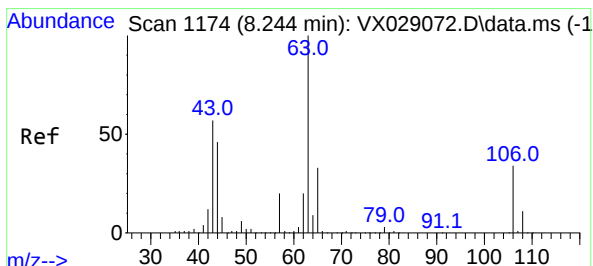
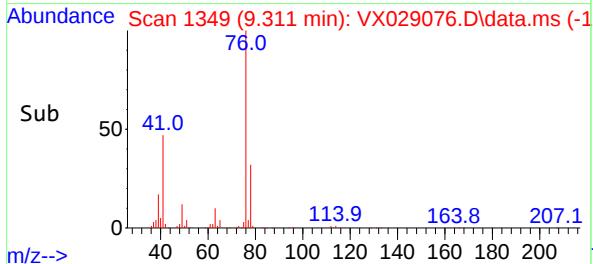
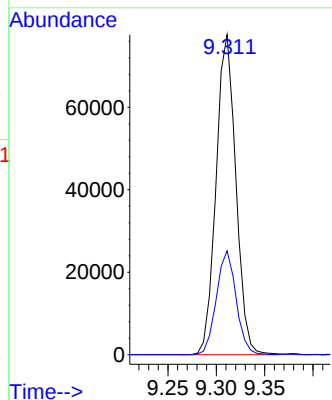
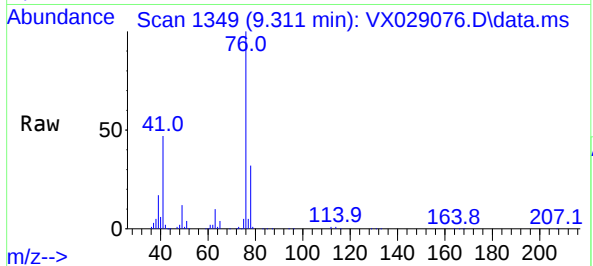
VSTDICC020

Tgt Ion: 76 Resp: 110349
Ion Ratio Lower Upper
76 100
78 32.3 25.8 38.8

Manual Integrations

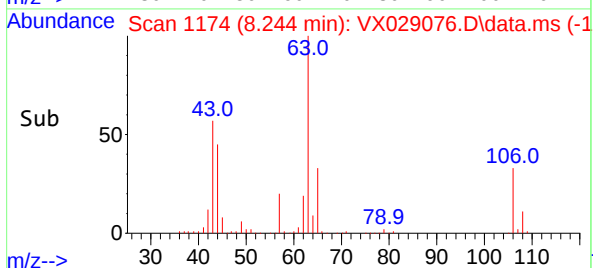
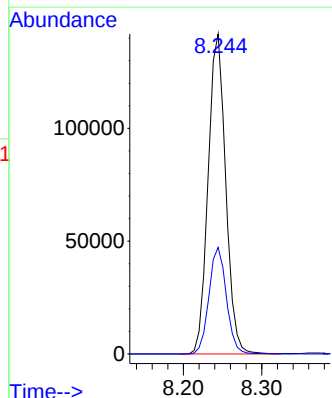
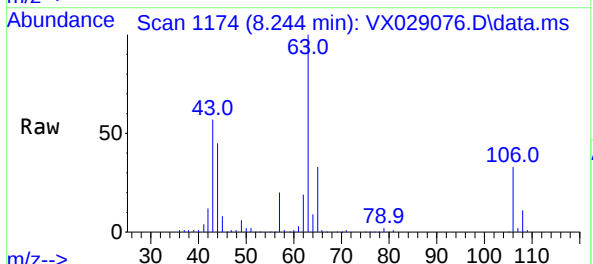
APPROVED

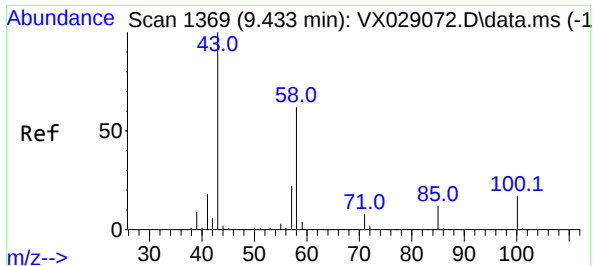
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#58
2-Chloroethyl Vinyl ether
Concen: 97.365 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VX029076.D
Acq: 31 May 2022 15:02

Tgt Ion: 63 Resp: 220640
Ion Ratio Lower Upper
63 100
106 33.1 23.9 35.9





#59

2-Hexanone

Concen: 104.137 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VX029076.D

Acq: 31 May 2022 15:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 43 Resp: 33240

Ion Ratio Lower Upper

43 100

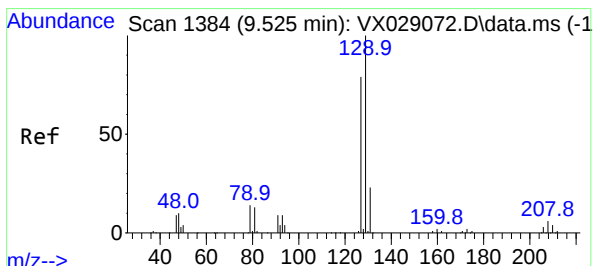
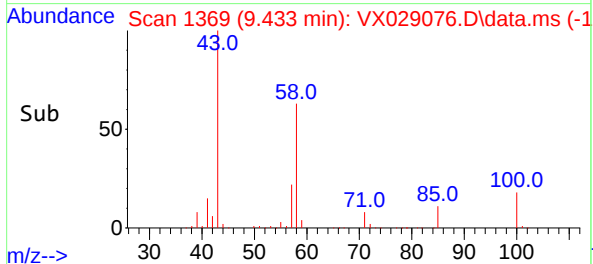
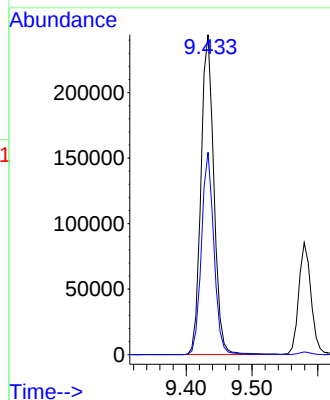
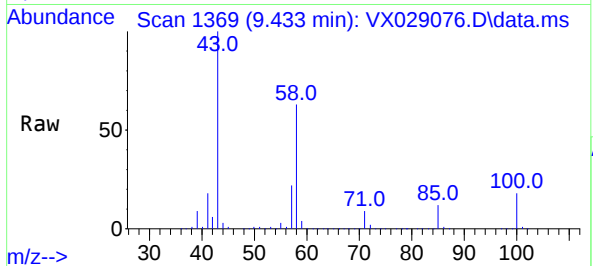
58 61.5 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2022

Supervised By :Mahesh Dadoda 06/01/2022



#60

Dibromochloromethane

Concen: 19.742 ug/l

RT: 9.524 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX029076.D

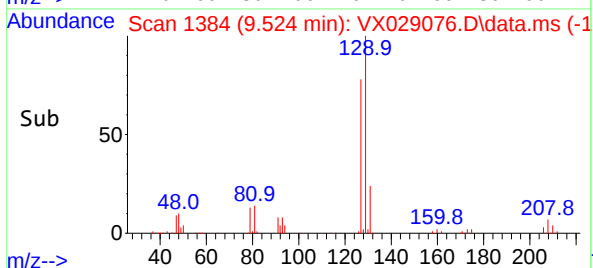
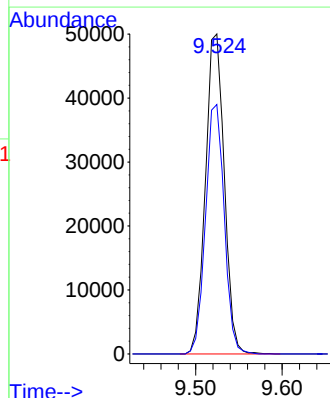
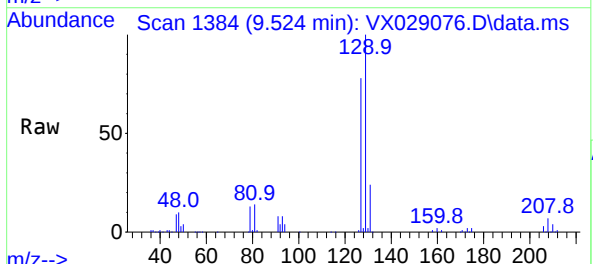
Acq: 31 May 2022 15:02

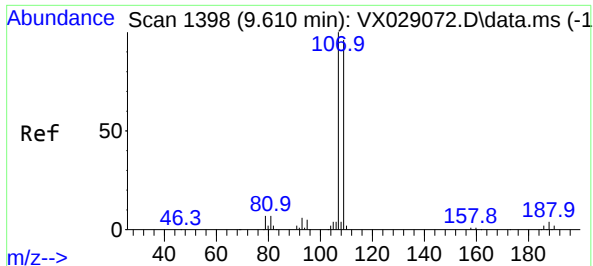
Tgt Ion:129 Resp: 75598

Ion Ratio Lower Upper

129 100

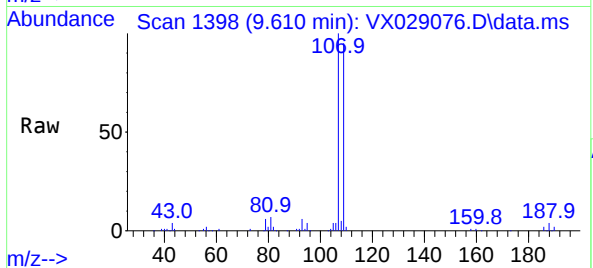
127 77.3 40.3 120.8





#61
1,2-Dibromoethane
Concen: 20.595 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX029076.D
Acq: 31 May 2022 15:02

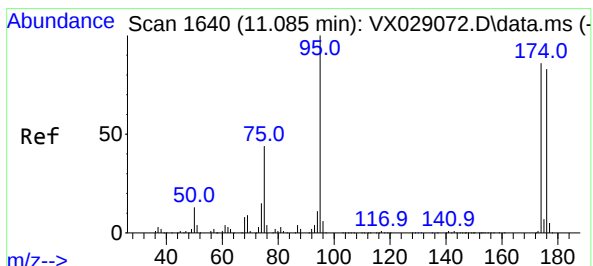
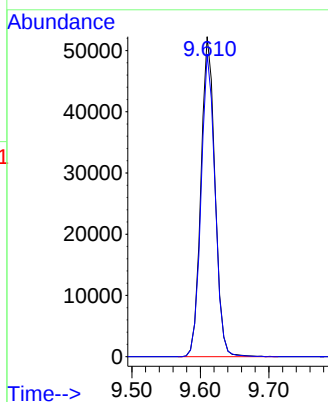
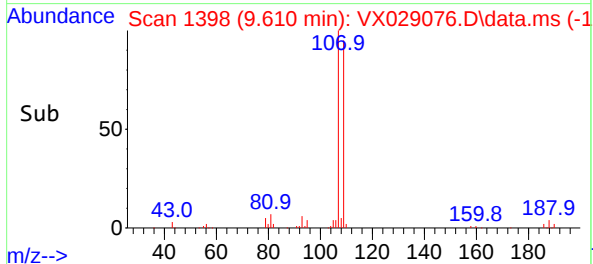
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



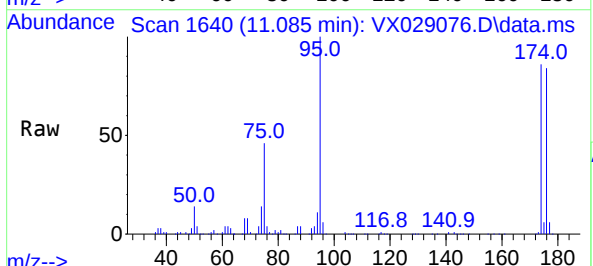
Tgt Ion:107 Resp: 74364
Ion Ratio Lower Upper
107 100
109 94.3 74.4 111.6

Manual Integrations
APPROVED

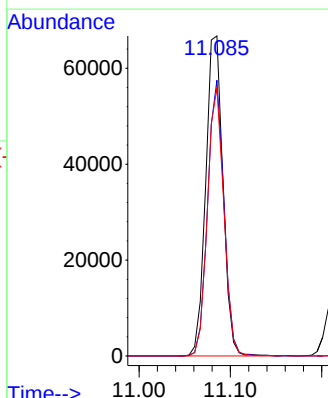
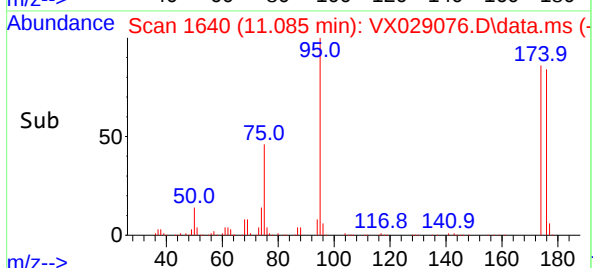
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

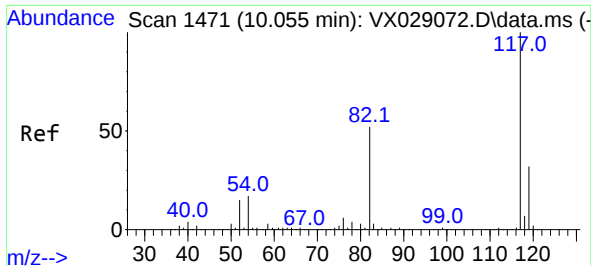


#62
4-Bromofluorobenzene
Concen: 19.662 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VX029076.D
Acq: 31 May 2022 15:02



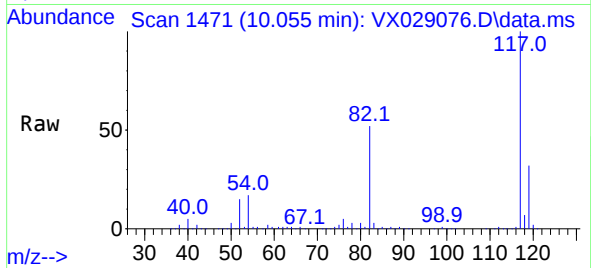
Tgt Ion: 95 Resp: 87052
Ion Ratio Lower Upper
95 100
174 81.8 0.0 163.0
176 79.9 0.0 155.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029076.D
Acq: 31 May 2022 15:02

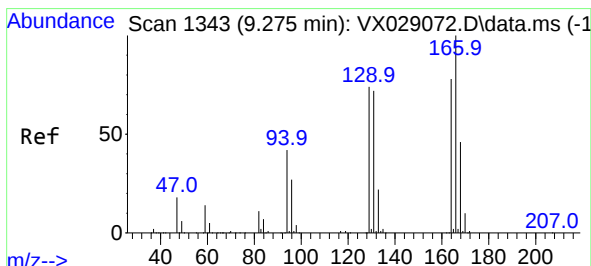
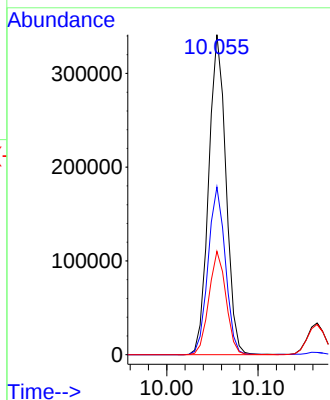
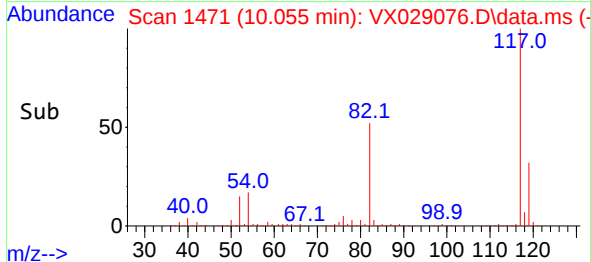
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



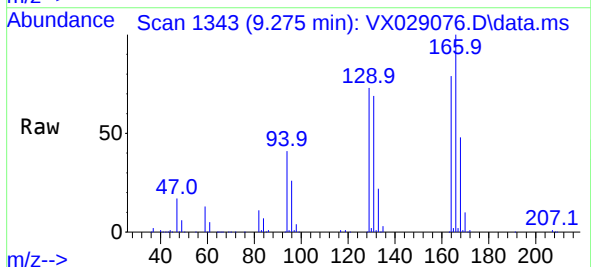
Tgt Ion:117 Resp: 44684
Ion Ratio Lower Upper
117 100
82 52.4 41.8 62.8
119 32.3 24.8 37.2

Manual Integrations
APPROVED

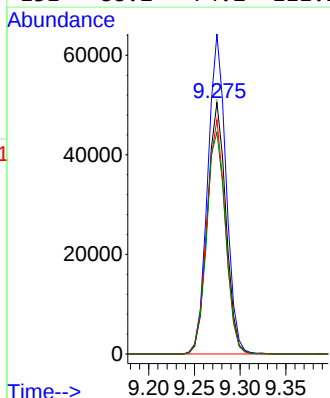
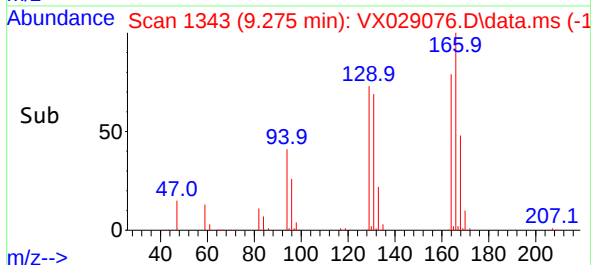
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

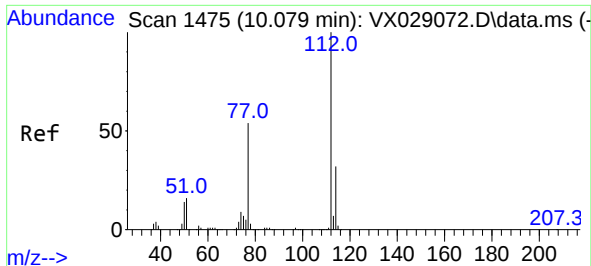


#64
Tetrachloroethene
Concen: 21.352 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX029076.D
Acq: 31 May 2022 15:02



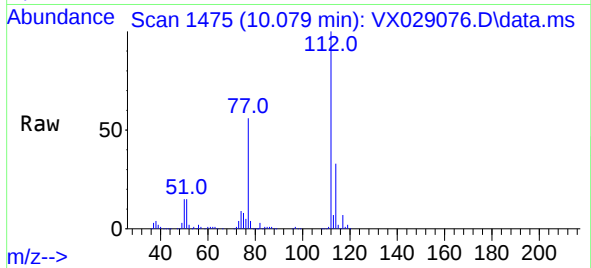
Tgt Ion:164 Resp: 71082
Ion Ratio Lower Upper
164 100
166 127.3 101.2 151.8
129 93.2 73.0 109.4
131 88.2 74.2 111.2





#65
Chlorobenzene
Concen: 20.373 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX029076.D
Acq: 31 May 2022 15:02

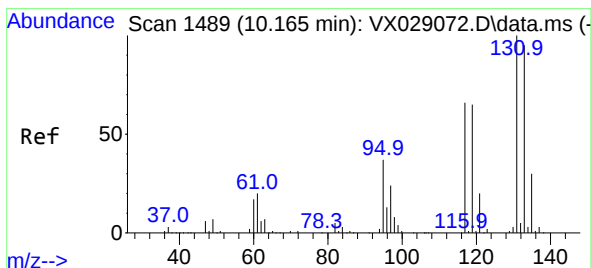
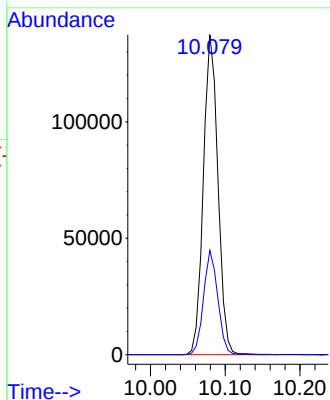
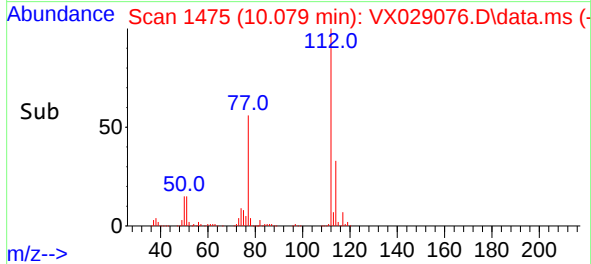
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



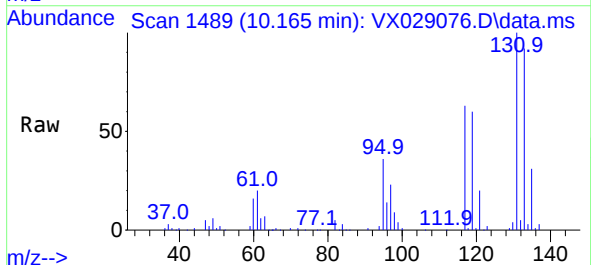
Tgt Ion:112 Resp: 186039
Ion Ratio Lower Upper
112 100
114 32.6 25.8 38.8

Manual Integrations
APPROVED

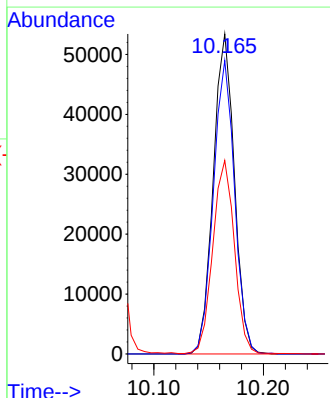
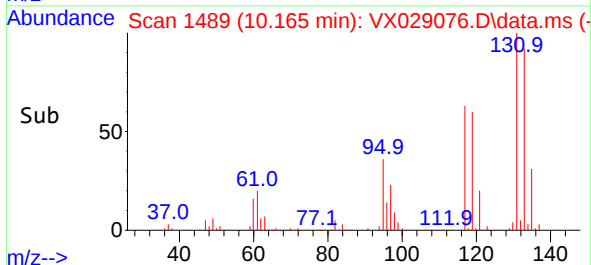
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

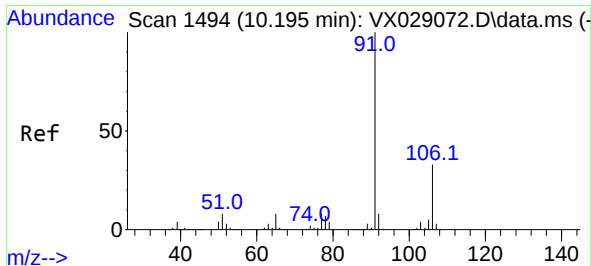


#66
1,1,1,2-Tetrachloroethane
Concen: 20.273 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX029076.D
Acq: 31 May 2022 15:02



Tgt Ion:131 Resp: 71493
Ion Ratio Lower Upper
131 100
133 92.4 48.3 144.8
119 62.1 32.6 98.0





#67

Ethyl Benzene

Concen: 20.848 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX029076.D

Acq: 31 May 2022 15:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 91 Resp: 31924

Ion Ratio Lower Upper

91 100

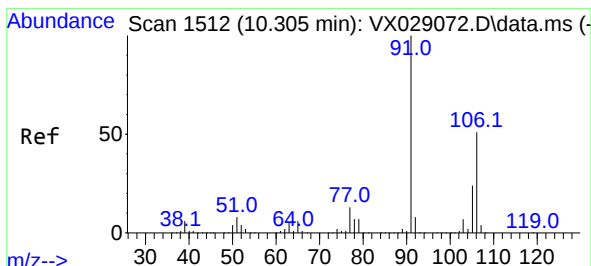
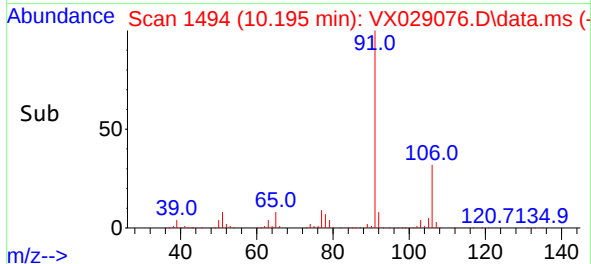
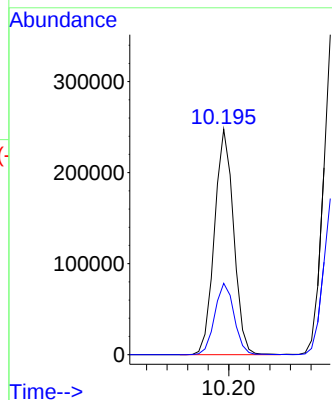
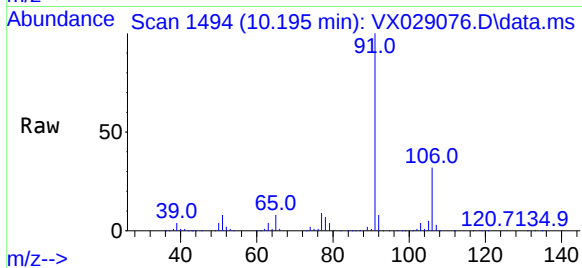
106 31.7 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2022

Supervised By :Mahesh Dadoda 06/01/2022



#68

m/p-Xylenes

Concen: 42.232 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. -0.000 min

Lab File: VX029076.D

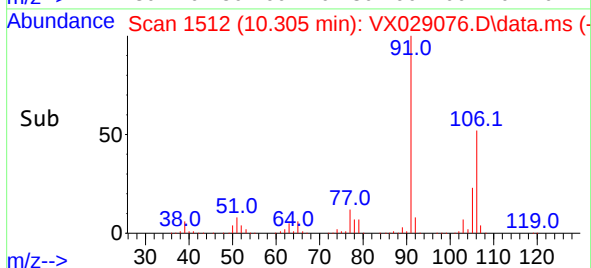
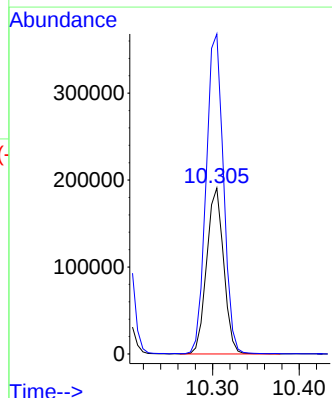
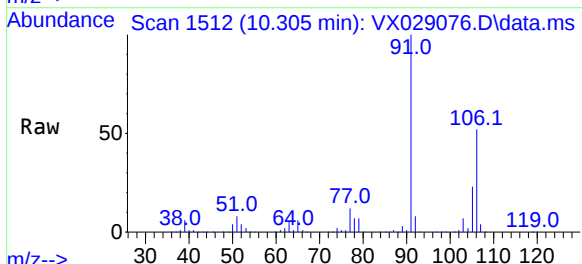
Acq: 31 May 2022 15:02

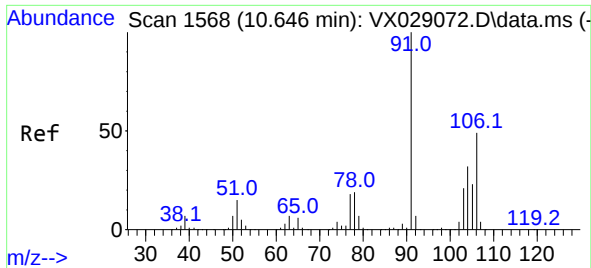
Tgt Ion:106 Resp: 259584

Ion Ratio Lower Upper

106 100

91 197.2 160.4 240.6





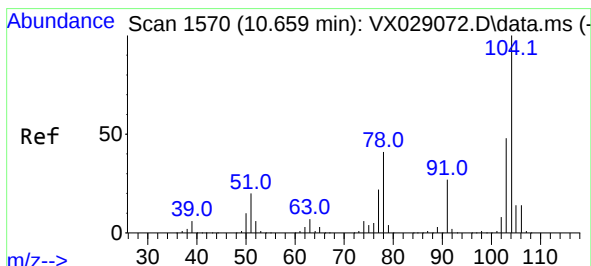
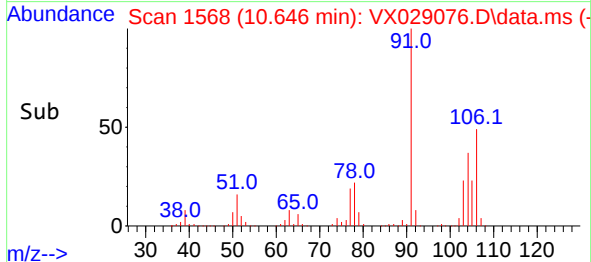
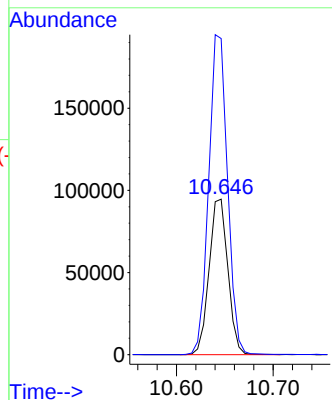
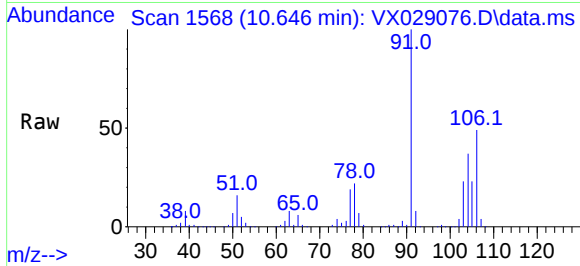
#69
o-Xylene
Concen: 21.036 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VX029076.D
Acq: 31 May 2022 15:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 127710
Ion Ratio Lower Upper
106 100
91 206.2 106.1 318.1

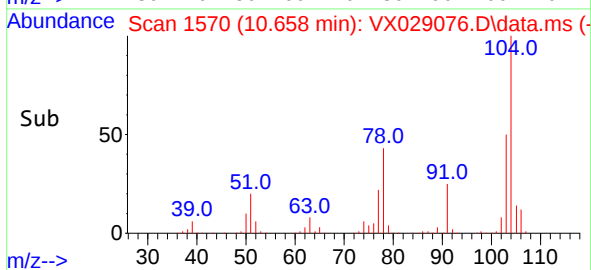
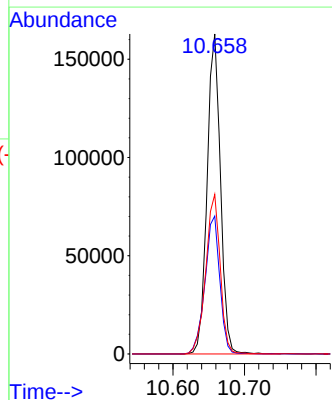
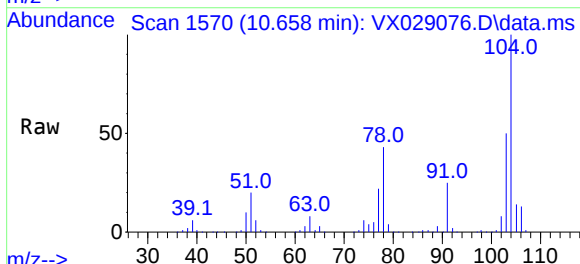
Manual Integrations
APPROVED

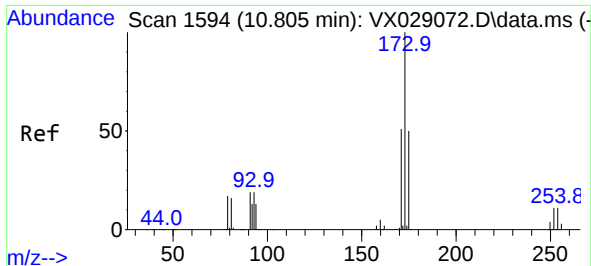
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#70
Styrene
Concen: 20.890 ug/l
RT: 10.658 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX029076.D
Acq: 31 May 2022 15:02

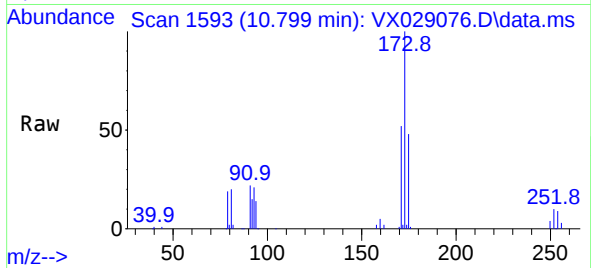
Tgt Ion:104 Resp: 211715
Ion Ratio Lower Upper
104 100
78 47.9 38.6 57.8
103 54.1 43.8 65.8





#71
Bromoform
Concen: 19.276 ug/l
RT: 10.799 min Scan# 1594
Delta R.T. -0.006 min
Lab File: VX029076.D
Acq: 31 May 2022 15:02

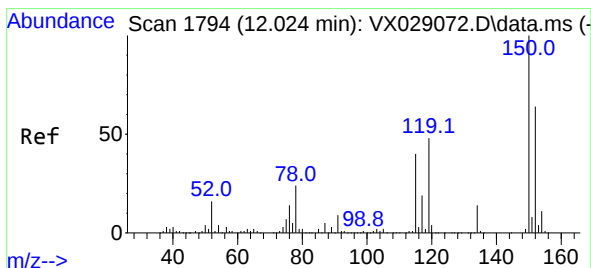
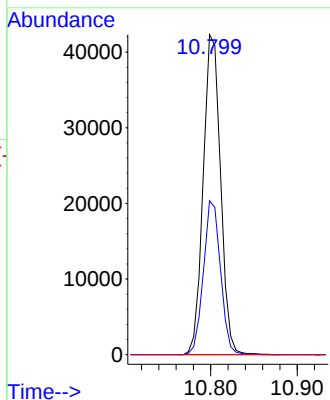
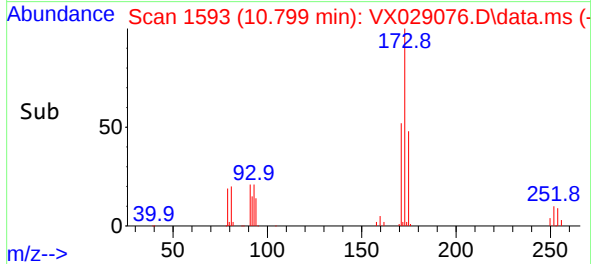
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



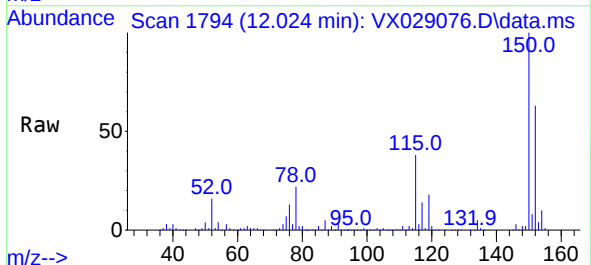
Tgt Ion:173 Resp: 5901
Ion Ratio Lower Upper
173 100
175 47.4 24.1 72.2
254 0.0 0.1 0.1

Manual Integrations
APPROVED

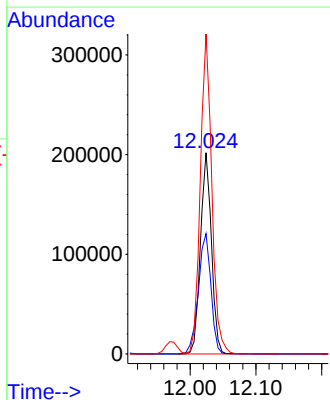
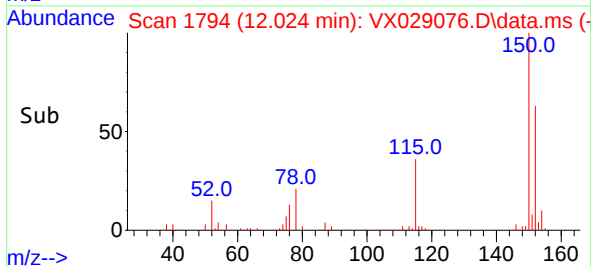
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

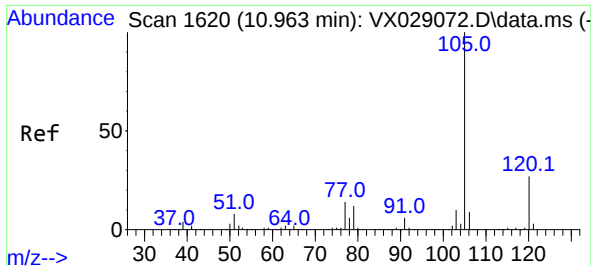


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX029076.D
Acq: 31 May 2022 15:02



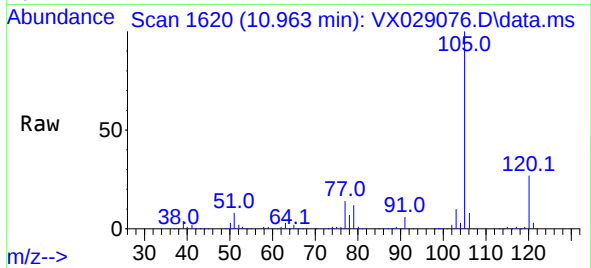
Tgt Ion:152 Resp: 234563
Ion Ratio Lower Upper
152 100
115 68.4 37.5 112.7
150 165.6 0.0 338.2





#73
Isopropylbenzene
Concen: 21.046 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX029076.D
Acq: 31 May 2022 15:02

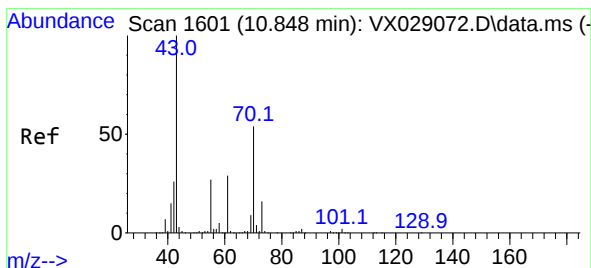
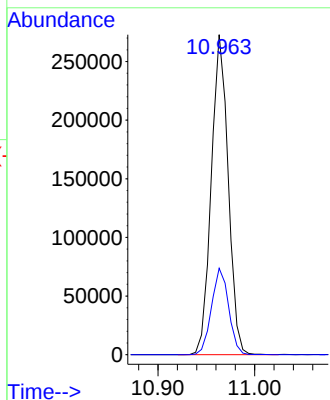
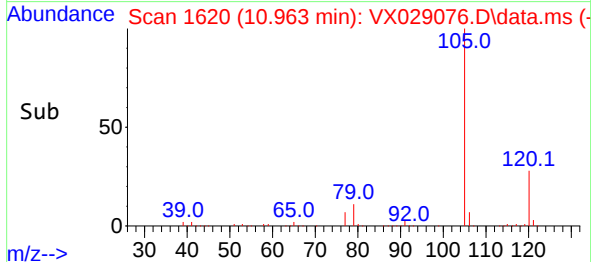
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



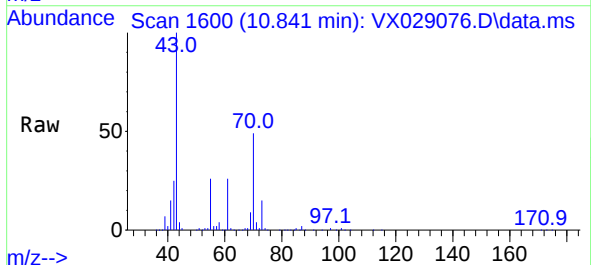
Tgt Ion:105 Resp: 33053
Ion Ratio Lower Upper
105 100
120 27.4 13.5 40.5

Manual Integrations
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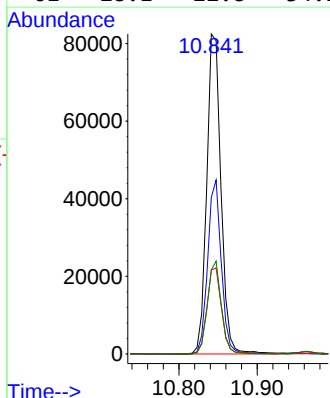
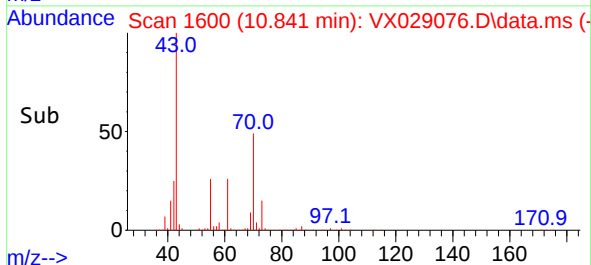
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

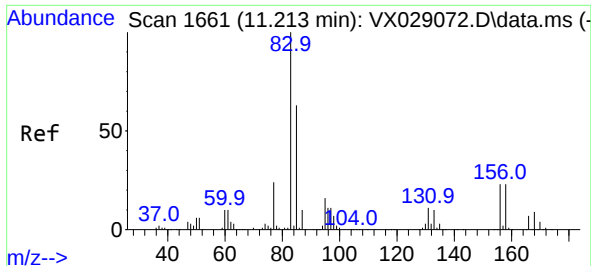


#74
N-ethyl acetate
Concen: 20.480 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.006 min
Lab File: VX029076.D
Acq: 31 May 2022 15:02



Tgt Ion: 43 Resp: 103967
Ion Ratio Lower Upper
43 100
70 52.0 42.5 63.7
55 27.7 23.1 34.7
61 28.1 22.8 34.2





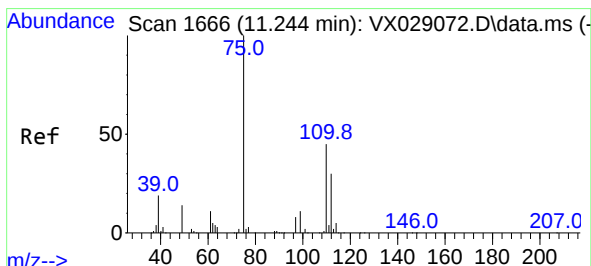
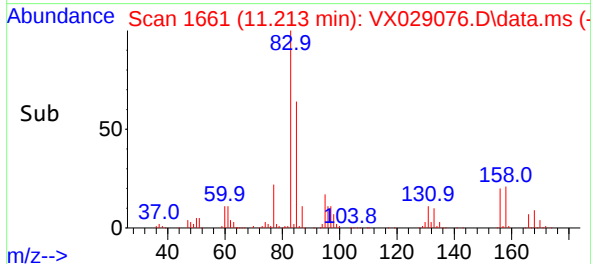
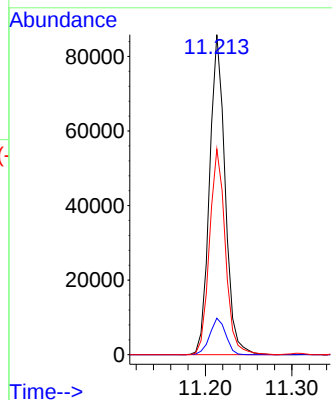
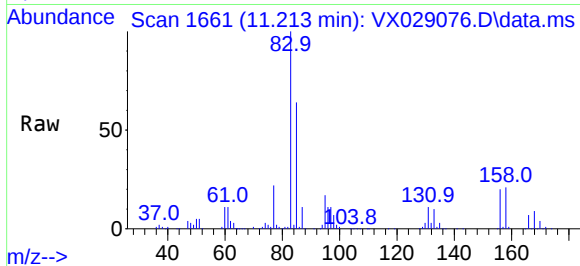
#75
1,1,2,2-Tetrachloroethane
Concen: 20.175 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX029076.D
Acq: 31 May 2022 15:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 107298
Ion Ratio Lower Upper
83 100
131 11.7 5.1 15.3
85 65.4 32.6 97.7

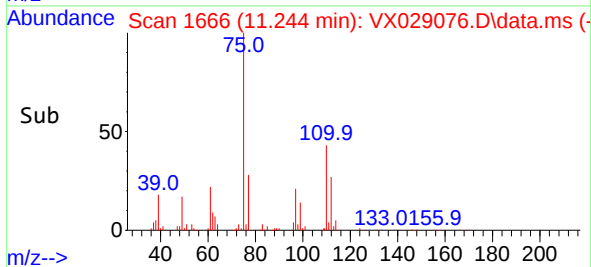
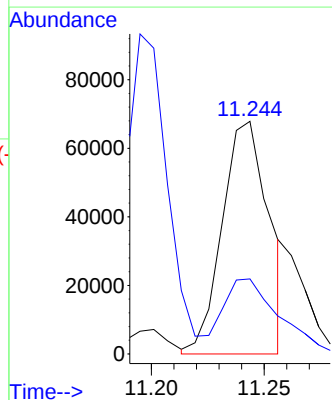
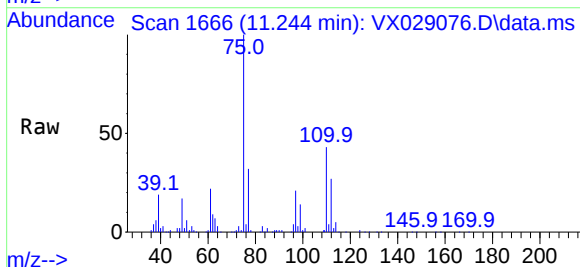
Manual Integrations
APPROVED

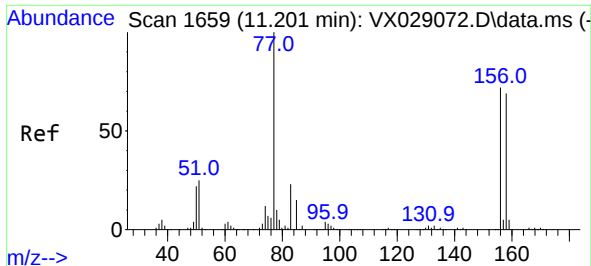
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#76
1,2,3-Trichloropropane
Concen: 20.633 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VX029076.D
Acq: 31 May 2022 15:02

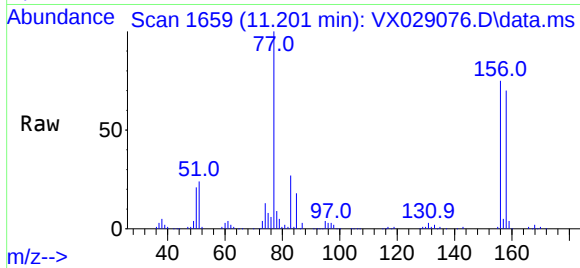
Tgt Ion: 75 Resp: 97742
Ion Ratio Lower Upper
75 100
77 40.0 19.4 58.2





#77
Bromobenzene
Concen: 20.183 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. -0.000 min
Lab File: VX029076.D
Acq: 31 May 2022 15:02

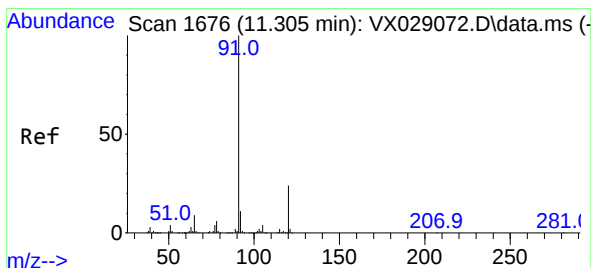
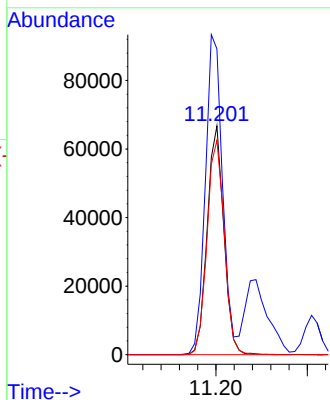
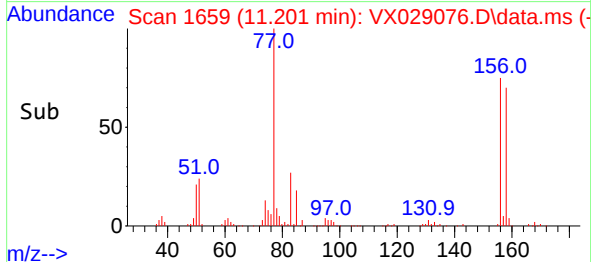
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



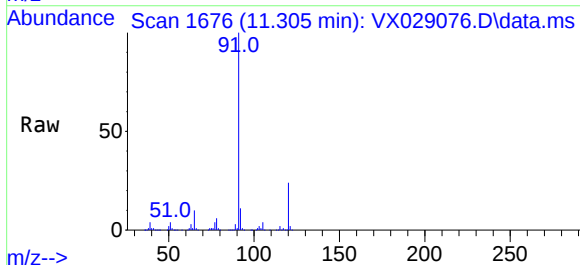
Tgt Ion:156 Resp: 84290
Ion Ratio Lower Upper
156 100
77 143.2 78.5 235.3
158 97.1 50.2 150.7

Manual Integrations
APPROVED

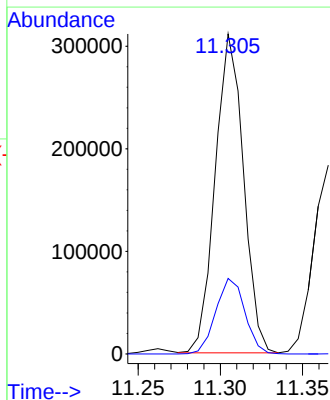
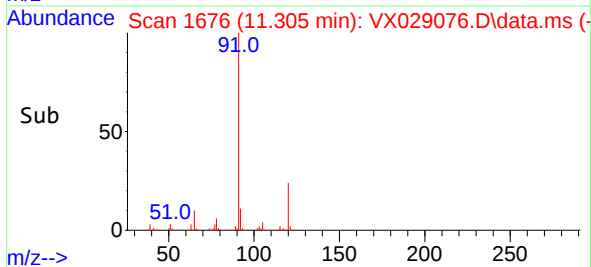
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

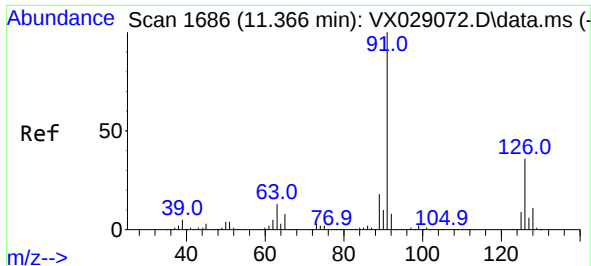


#78
n-propylbenzene
Concen: 21.285 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX029076.D
Acq: 31 May 2022 15:02



Tgt Ion: 91 Resp: 371320
Ion Ratio Lower Upper
91 100
120 24.4 11.6 34.8





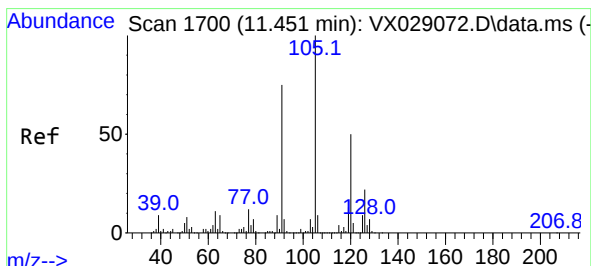
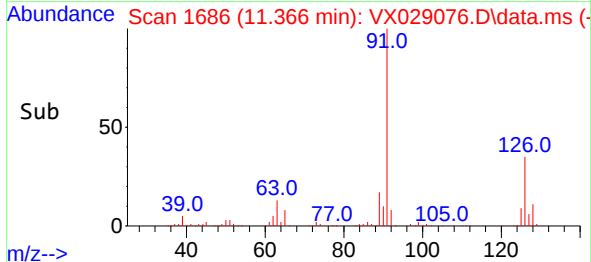
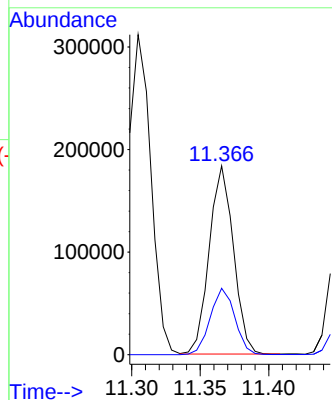
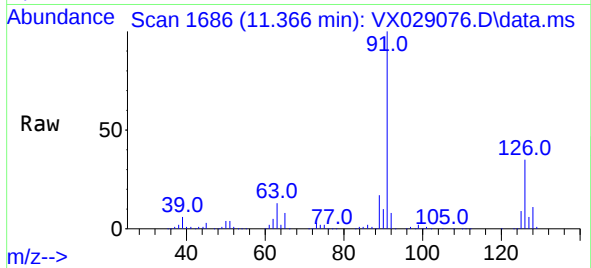
#79
2-Chlorotoluene
Concen: 20.419 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX029076.D
Acq: 31 May 2022 15:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 225554
Ion Ratio Lower Upper
91 100
126 35.8 17.3 51.9

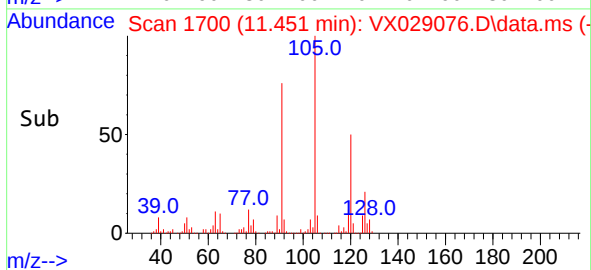
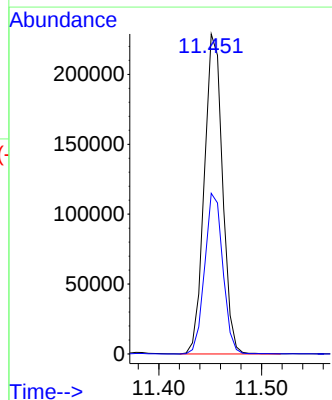
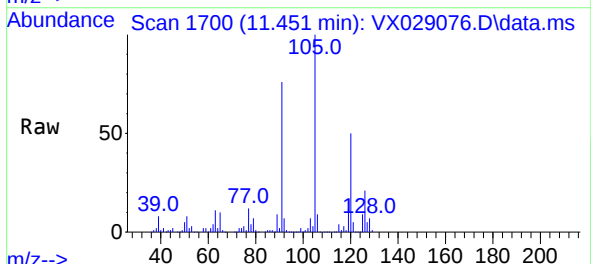
Manual Integrations
APPROVED

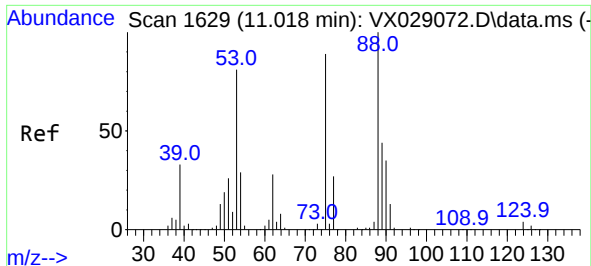
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.991 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX029076.D
Acq: 31 May 2022 15:02

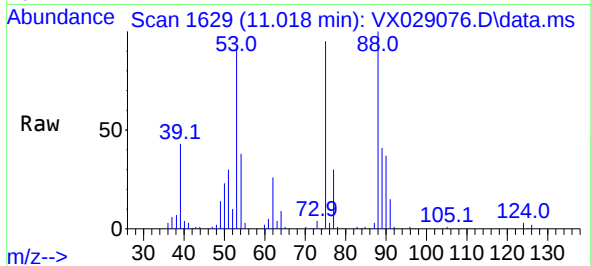
Tgt Ion:105 Resp: 282193
Ion Ratio Lower Upper
105 100
120 50.0 24.3 72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 18.893 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX029076.D
Acq: 31 May 2022 15:02

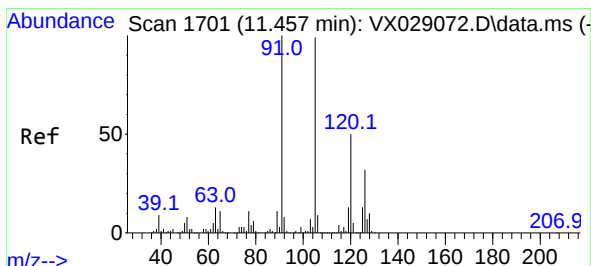
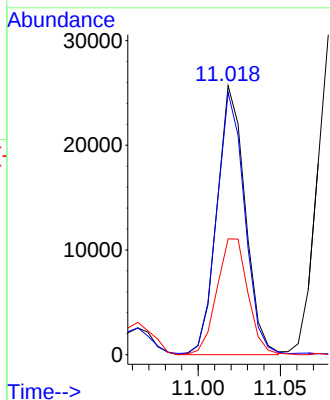
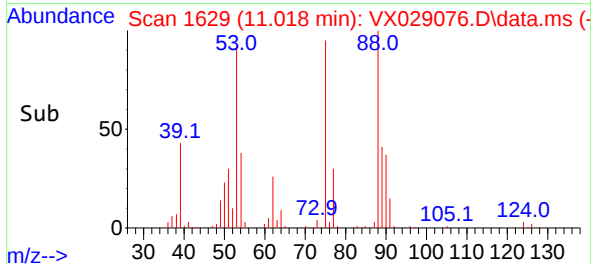
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



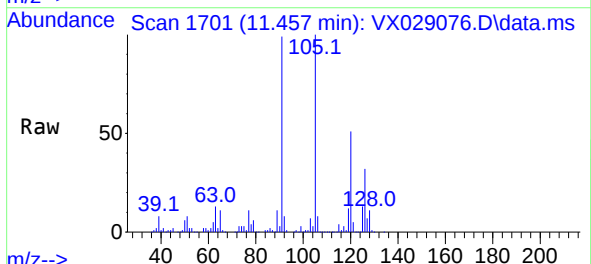
Tgt Ion: 75 Resp: 30700
Ion Ratio Lower Upper
75 100
53 97.3 69.0 103.4
89 47.3 37.0 55.6

Manual Integrations
APPROVED

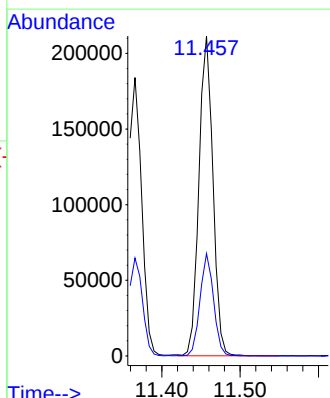
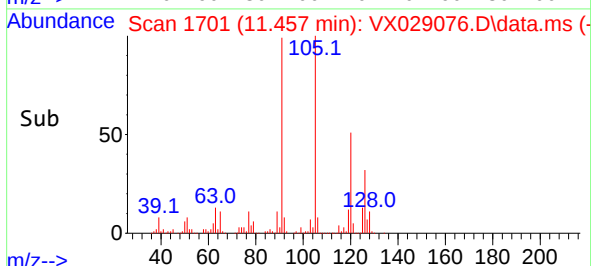
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

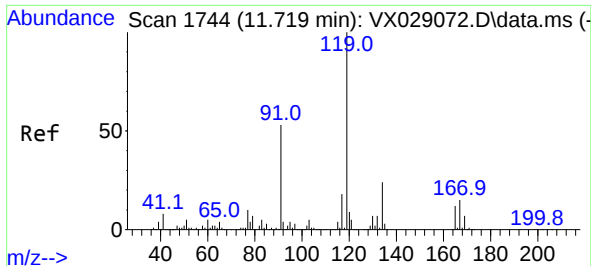


#82
4-Chlorotoluene
Concen: 20.781 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX029076.D
Acq: 31 May 2022 15:02



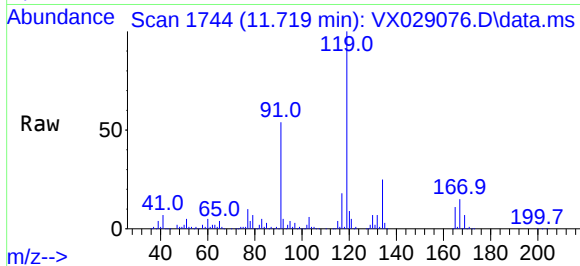
Tgt Ion: 91 Resp: 262040
Ion Ratio Lower Upper
91 100
126 31.1 14.9 44.5





#83
tert-Butylbenzene
Concen: 20.774 ug/l
RT: 11.719 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VX029076.D
Acq: 31 May 2022 15:02

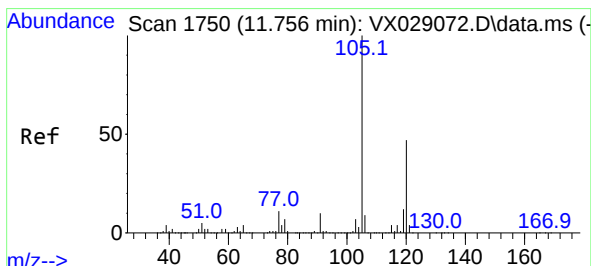
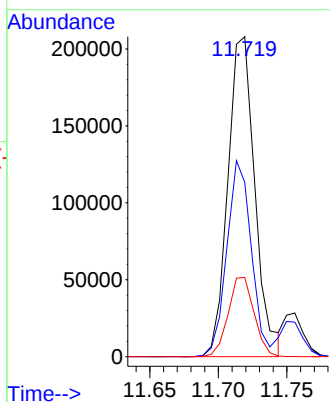
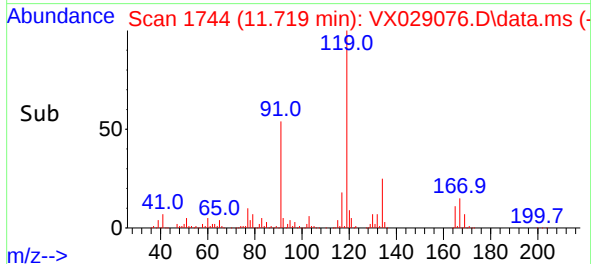
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



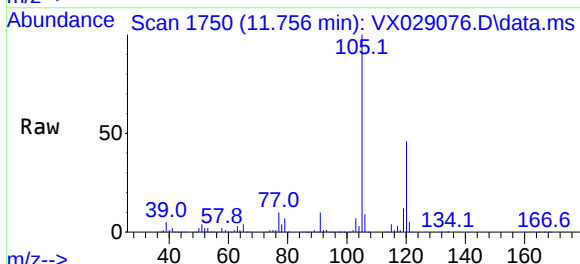
Tgt Ion:119 Resp: 285162
Ion Ratio Lower Upper
119 100
91 55.5 26.9 80.6
134 23.8 11.4 34.2

Manual Integrations
APPROVED

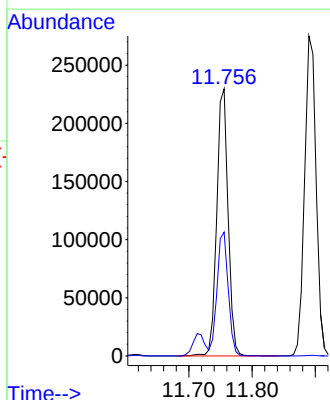
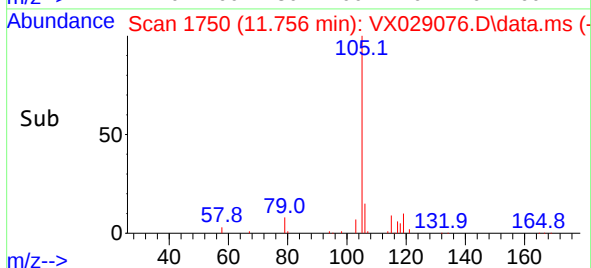
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

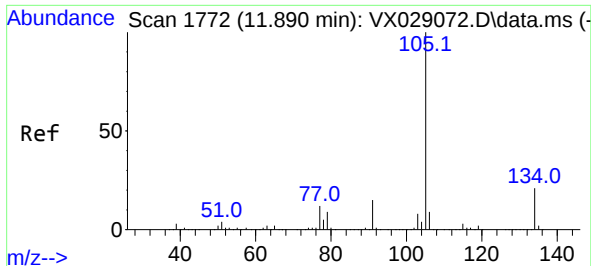


#84
1,2,4-Trimethylbenzene
Concen: 21.355 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX029076.D
Acq: 31 May 2022 15:02



Tgt Ion:105 Resp: 285923
Ion Ratio Lower Upper
105 100
120 45.6 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 21.498 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX029076.D
 Acq: 31 May 2022 15:02

Instrument :

MSVOA_X

ClientSampleId :

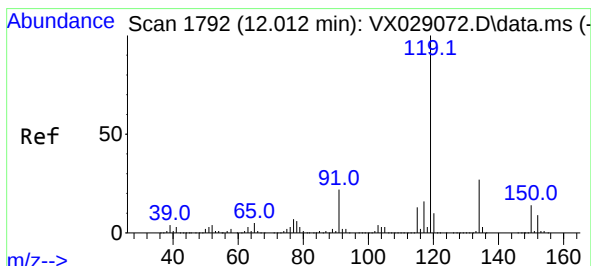
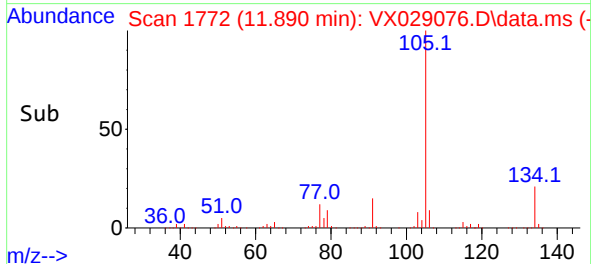
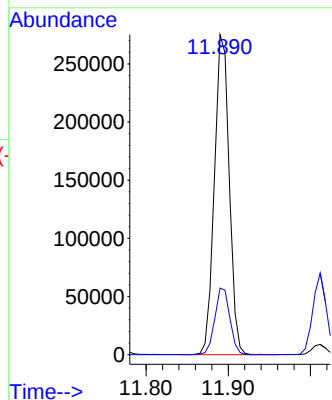
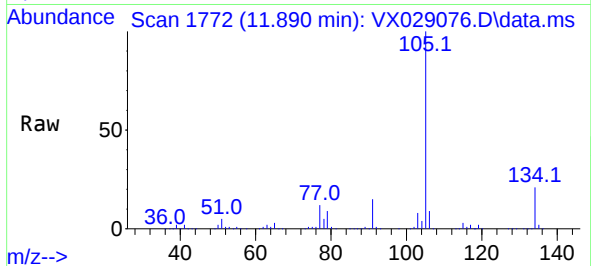
VSTDIC020

Tgt Ion:105 Resp: 345210
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.2 30.4

Manual Integrations

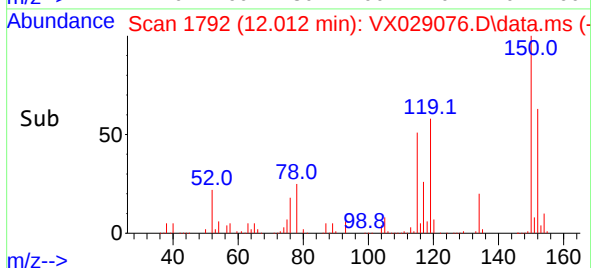
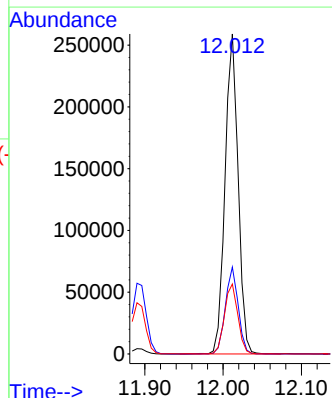
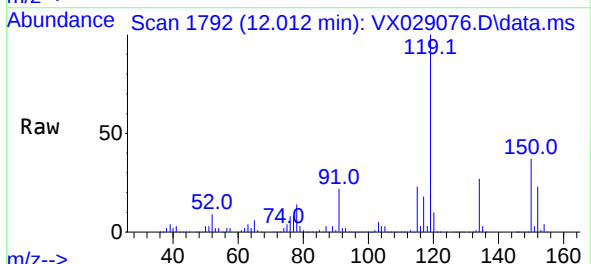
APPROVED

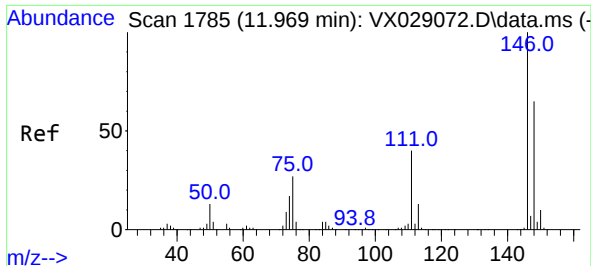
Reviewed By :John Carlone 06/01/2022
 Supervised By :Mahesh Dadoda 06/01/2022



#86
 p-Isopropyltoluene
 Concen: 21.466 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX029076.D
 Acq: 31 May 2022 15:02

Tgt Ion:119 Resp: 301363
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.0 39.0
 91 22.4 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 20.460 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX029076.D

Acq: 31 May 2022 15:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion:146 Resp: 161089

Ion Ratio Lower Upper

146 100

111 40.3 19.7 59.1

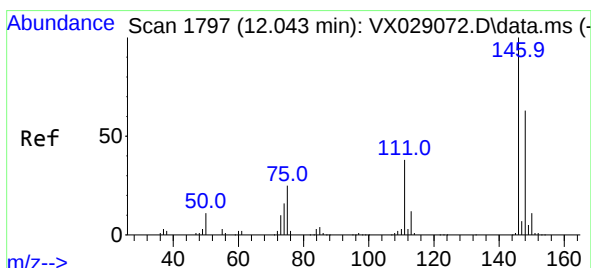
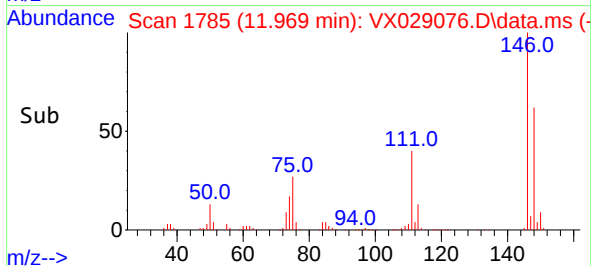
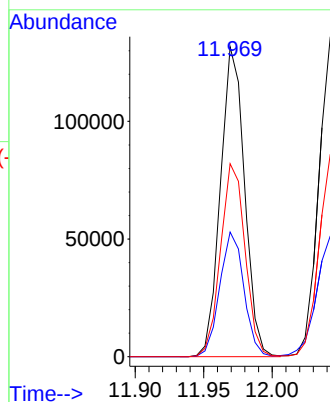
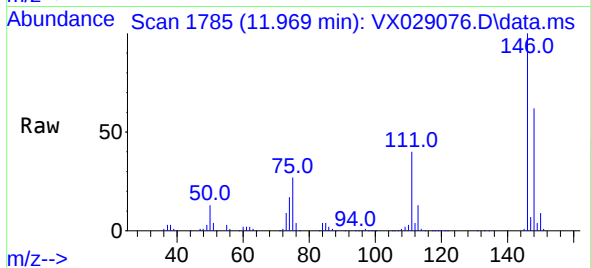
148 63.5 31.6 94.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2022

Supervised By :Mahesh Dadoda 06/01/2022



#88

1,4-Dichlorobenzene

Concen: 20.698 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX029076.D

Acq: 31 May 2022 15:02

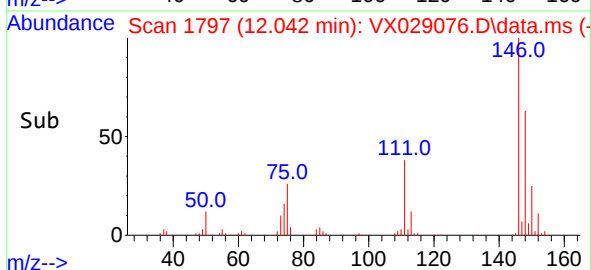
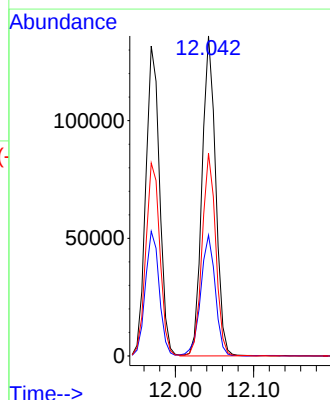
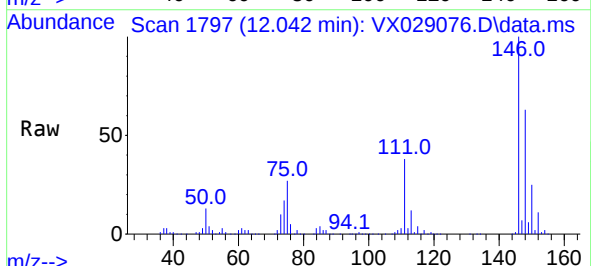
Tgt Ion:146 Resp: 164520

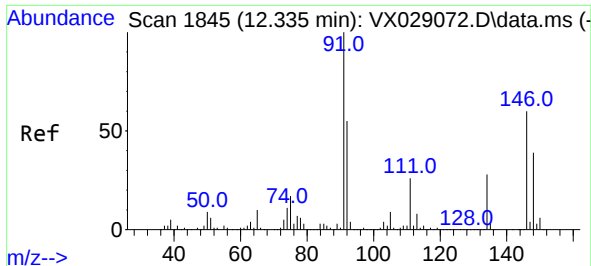
Ion Ratio Lower Upper

146 100

111 40.4 19.2 57.6

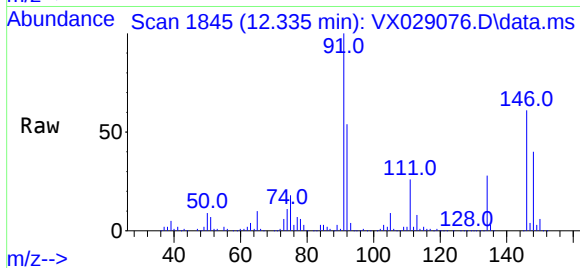
148 63.2 32.3 96.9





#89
n-Butylbenzene
Concen: 21.141 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX029076.D
Acq: 31 May 2022 15:02

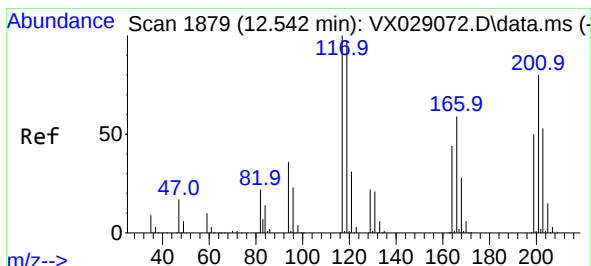
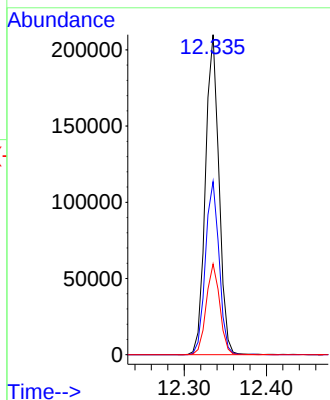
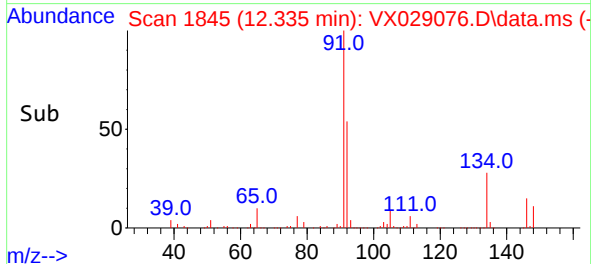
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



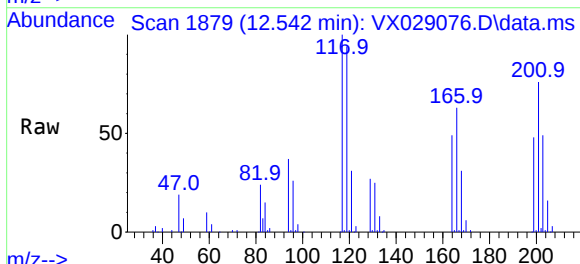
Tgt Ion: 91 Resp: 240250
Ion Ratio Lower Upper
91 100
92 54.5 27.8 83.3
134 28.4 13.3 39.8

Manual Integrations
APPROVED

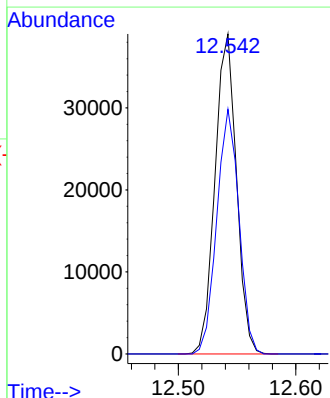
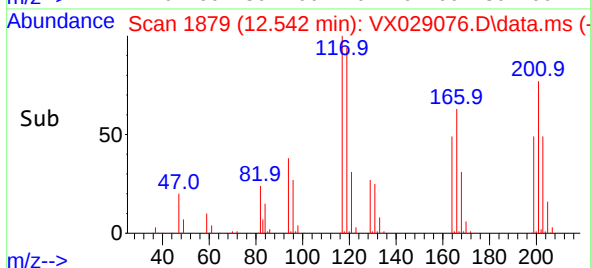
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

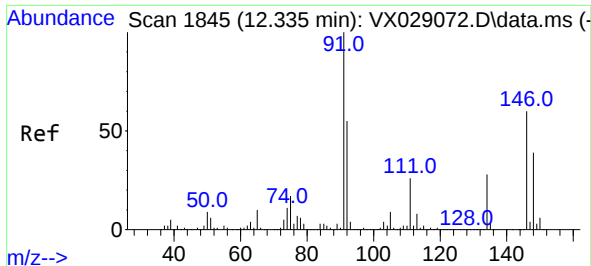


#90
Hexachloroethane
Concen: 19.200 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. -0.000 min
Lab File: VX029076.D
Acq: 31 May 2022 15:02



Tgt Ion:117 Resp: 49609
Ion Ratio Lower Upper
117 100
201 78.7 39.5 118.5





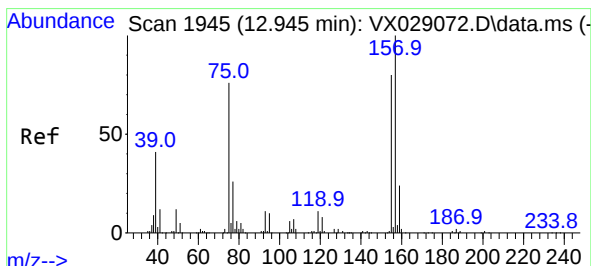
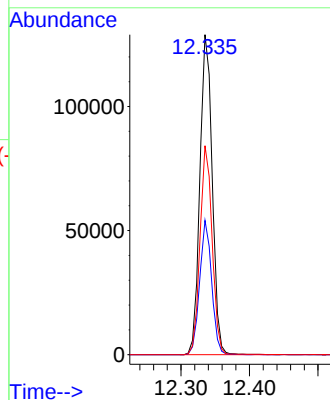
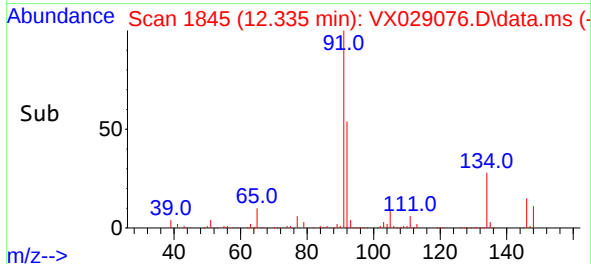
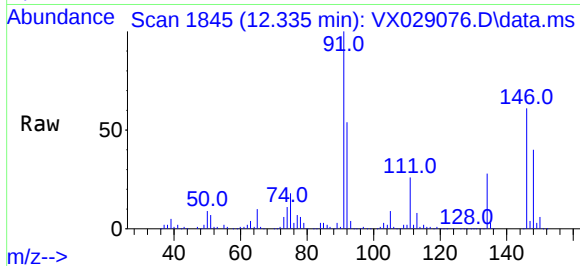
#91
1,2-Dichlorobenzene
Concen: 20.893 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX029076.D
Acq: 31 May 2022 15:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:146 Resp: 16180
Ion Ratio Lower Upper
146 100
111 40.9 21.0 63.0
148 64.3 32.6 97.7

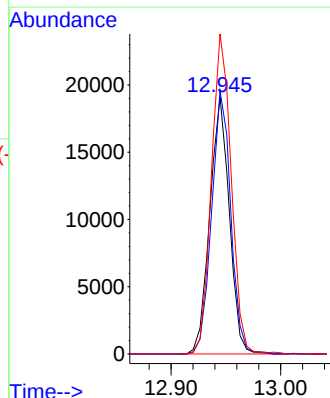
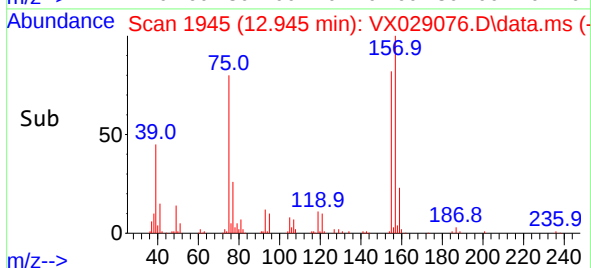
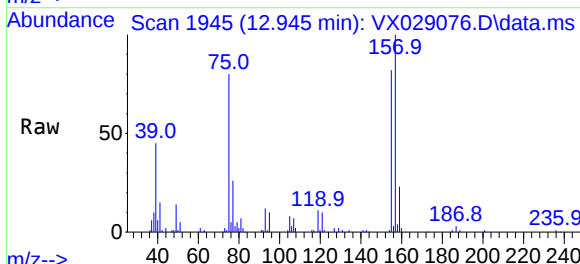
Manual Integrations
APPROVED

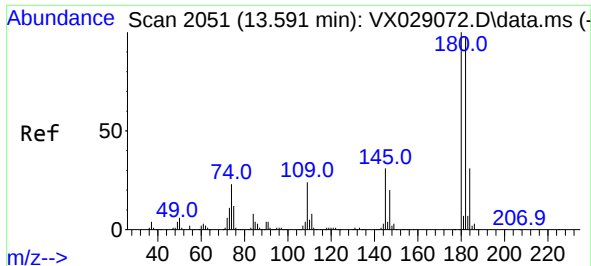
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.703 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX029076.D
Acq: 31 May 2022 15:02

Tgt Ion: 75 Resp: 23614
Ion Ratio Lower Upper
75 100
155 100.2 47.0 141.2
157 126.2 57.9 173.6





#93
1,2,4-Trichlorobenzene
Concen: 21.088 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX029076.D
Acq: 31 May 2022 15:02

Instrument :

MSVOA_X

ClientSampleId :

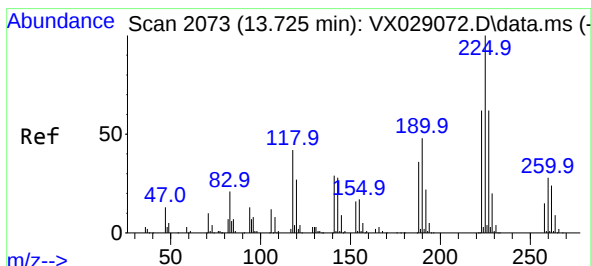
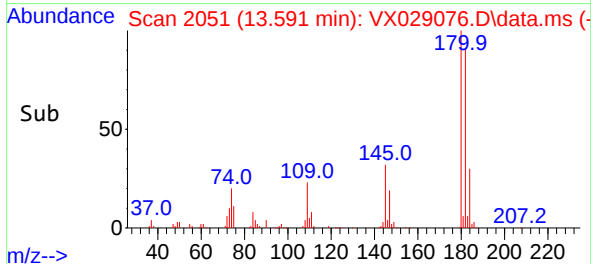
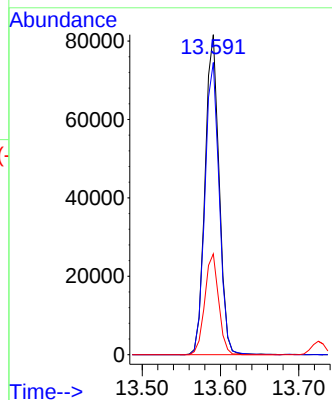
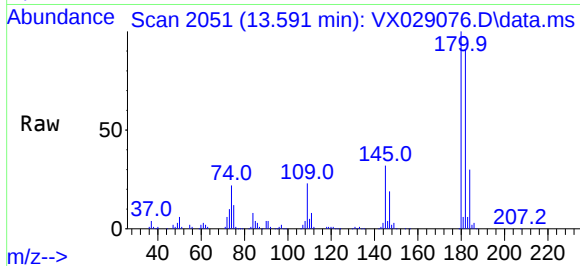
VSTDICC020

Tgt Ion:180 Resp: 101484
Ion Ratio Lower Upper
180 100
182 92.9 47.7 143.1
145 31.0 15.2 45.5

Manual Integrations

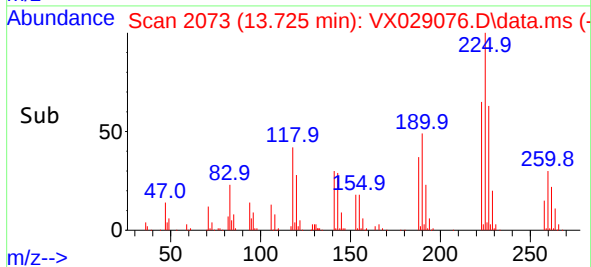
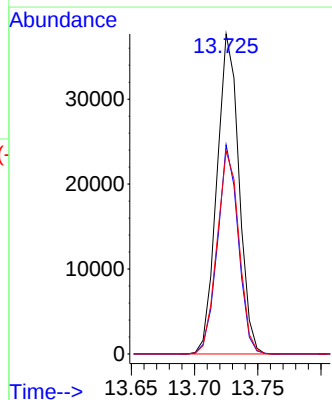
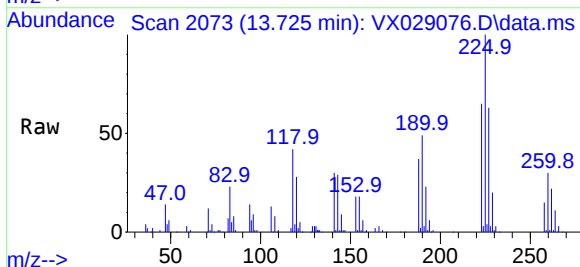
APPROVED

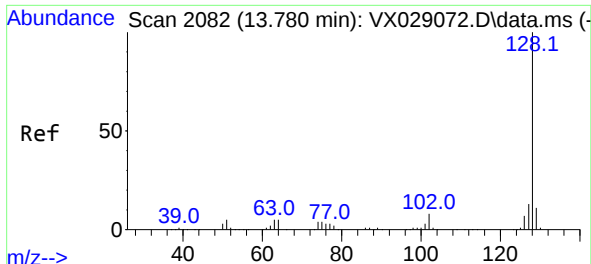
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#94
Hexachlorobutadiene
Concen: 20.803 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX029076.D
Acq: 31 May 2022 15:02

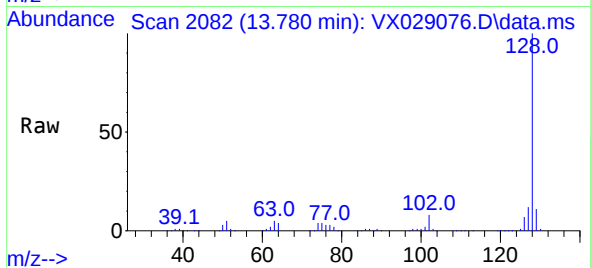
Tgt Ion:225 Resp: 45520
Ion Ratio Lower Upper
225 100
223 61.6 34.2 102.5
227 63.3 33.9 101.7





#95
Naphthalene
Concen: 21.133 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX029076.D
Acq: 31 May 2022 15:02

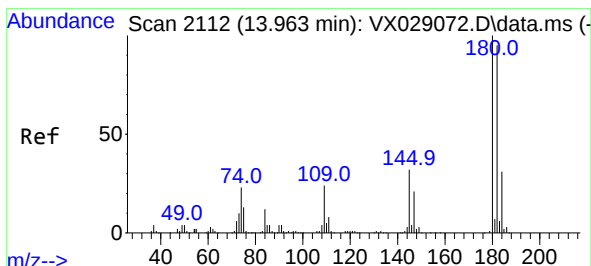
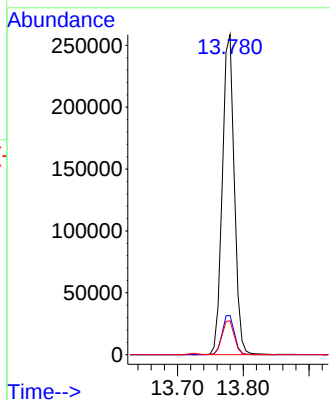
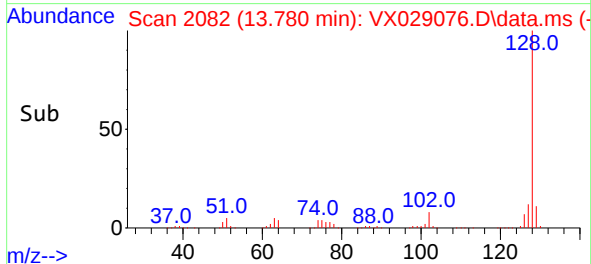
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



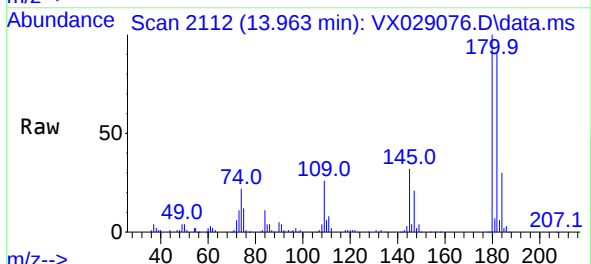
Tgt Ion:128 Resp: 32774
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#96
1,2,3-Trichlorobenzene
Concen: 20.928 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX029076.D
Acq: 31 May 2022 15:02



Tgt Ion:180 Resp: 99520
Ion Ratio Lower Upper
180 100
182 92.9 50.0 149.8
145 32.9 16.2 48.5

