

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
 Data File : VX025229.D
 Acq On : 18 Nov 2021 23:05
 Operator : JC/MD
 Sample : M4677-08MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 H0AB5MSD

Quant Time: Nov 19 05:31:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 19 05:25:45 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/19/2021
 Supervised By : Mahesh Dadoda 11/22/2021

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	172958	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	160005	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	81543	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	44837	38.372	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	76.740%		
7) Chloroethane-d5	1.660	69	37655	56.544	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	113.080%		
11) 1,1-Dichloroethene-d2	2.306	63	77822	38.724	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	77.440%		
21) 2-Butanone-d5	4.459	46	77923	88.248	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	88.250%		
24) Chloroform-d	5.062	84	89685	43.630	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.260%		
26) 1,2-Dichloroethane-d4	5.958	65	53848	43.218	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.440%		
32) Benzene-d6	5.977	84	178069	40.776	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.560%		
36) 1,2-Dichloropropane-d6	7.312	67	54906	41.177	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	82.360%		
41) Toluene-d8	8.653	98	164664	39.484	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	78.960%#		
43) trans-1,3-Dichloroprop...	8.952	79	28172	38.920	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	77.840%		
47) 2-Hexanone-d5	9.384	63	61292	85.599	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	85.600%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	82660	43.040	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	86.080%		
66) 1,2-Dichlorobenzene-d4	12.323	152	69974	43.288	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.580%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	49967	36.965	ug/L	97
3) Chloromethane	1.294	50	50591	34.570	ug/L	90
5) Vinyl chloride	1.374	62	60305	39.961	ug/L	97
6) Bromomethane	1.599	94	36335	62.744	ug/L	99
8) Chloroethane	1.685	64	38896	51.326	ug/L	98
9) Trichlorofluoromethane	1.886	101	93237	42.327	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	47663	41.756	ug/L	95
12) 1,1-Dichloroethene	2.319	96	45015	40.820	ug/L #	83
13) Acetone	2.380	43	46577	56.232	ug/L	97
14) Carbon disulfide	2.508	76	114207	33.613	ug/L	99
15) Methyl Acetate	2.709	43	53049	39.338	ug/L #	81
16) Methylene chloride	2.788	84	51874	42.524	ug/L	86
17) trans-1,2-Dichloroethene	3.093	96	50730	42.359	ug/L	91
18) Methyl tert-butyl Ether	3.117	73	164166	43.855	ug/L #	90
19) 1,1-Dichloroethane	3.611	63	86061	42.481	ug/L	93
20) cis-1,2-Dichloroethene	4.489	96	140531	106.053	ug/L	98
22) 2-Butanone	4.562	43	81631	74.036	ug/L	86
23) Bromochloromethane	4.904	128	30532	44.754	ug/L #	74
25) Chloroform	5.099	83	94383	45.455	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	69106	45.392	ug/L #	89
29) Cyclohexane	5.477	56	79084	38.687	ug/L	88
30) 1,1,1-Trichloroethane	5.385	97	84133	42.790	ug/L #	94
31) Carbon tetrachloride	5.678	117	75589	43.538	ug/L	99
33) Benzene	6.044	78	206178	41.941	ug/L	100
34) Trichloroethene	7.129	95	102368	79.688	ug/L	81
35) Methylcyclohexane	7.385	83	88113	40.562	ug/L	94
37) 1,2-Dichloropropane	7.434	63	51053	41.457	ug/L	100
38) Bromodichloromethane	7.824	83	71786	43.076	ug/L	96
39) cis-1,3-Dichloropropene	8.366	75	81184	40.149	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	167368	85.516	ug/L #	84
42) Toluene	8.720	91	227133	42.538	ug/L	96
44) trans-1,3-Dichloropropene	8.982	75	79243	40.268	ug/L	97
45) 1,1,2-Trichloroethane	9.153	97	55284	44.458	ug/L	98
46) Tetrachloroethene	9.275	164	394772	368.332	ug/L	90
48) 2-Hexanone	9.433	43	127131	79.247	ug/L #	85
49) Dibromochloromethane	9.525	129	62952	44.348	ug/L	100
50) 1,2-Dibromoethane	9.610	107	58692	44.102	ug/L #	96
51) Chlorobenzene	10.079	112	160945	46.912	ug/L	97
52) Ethylbenzene	10.195	91	245945	42.851	ug/L	93
53) m,p-Xylene	10.305	106	99663	42.949	ug/L	80
54) o-Xylene	10.646	106	99788	43.579	ug/L	79
55) Styrene	10.659	104	166692	42.871	ug/L	81
57) 1,1,2,2-Tetrachloroethane	11.213	83	85974	43.547	ug/L	97
59) Bromoform	10.799	173	48342	43.867	ug/L #	95
60) Isopropylbenzene	10.963	105	253773	43.523	ug/L	94
61) 1,2,3-Trichloropropane	11.244	75	68719	44.755	ug/L	96
62) 1,3,5-Trimethylbenzene	11.451	105	213020	43.060	ug/L	87
63) 1,2,4-Trimethylbenzene	11.756	105	217779m	43.878	ug/L	
64) 1,3-Dichlorobenzene	11.969	146	119641	45.012	ug/L	94
65) 1,4-Dichlorobenzene	12.043	146	118487	44.618	ug/L	93
67) 1,2-Dichlorobenzene	12.335	146	119270	45.179	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.945	75	18954	42.681	ug/L #	62
69) 1,3,5-Trichlorobenzene	13.116	180	86560	45.014	ug/L	97
70) 1,2,4-trichlorobenzene	13.591	180	75782	45.179	ug/L	97
71) Naphthalene	13.780	128	263310	46.292	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	76395	45.941	ug/L	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

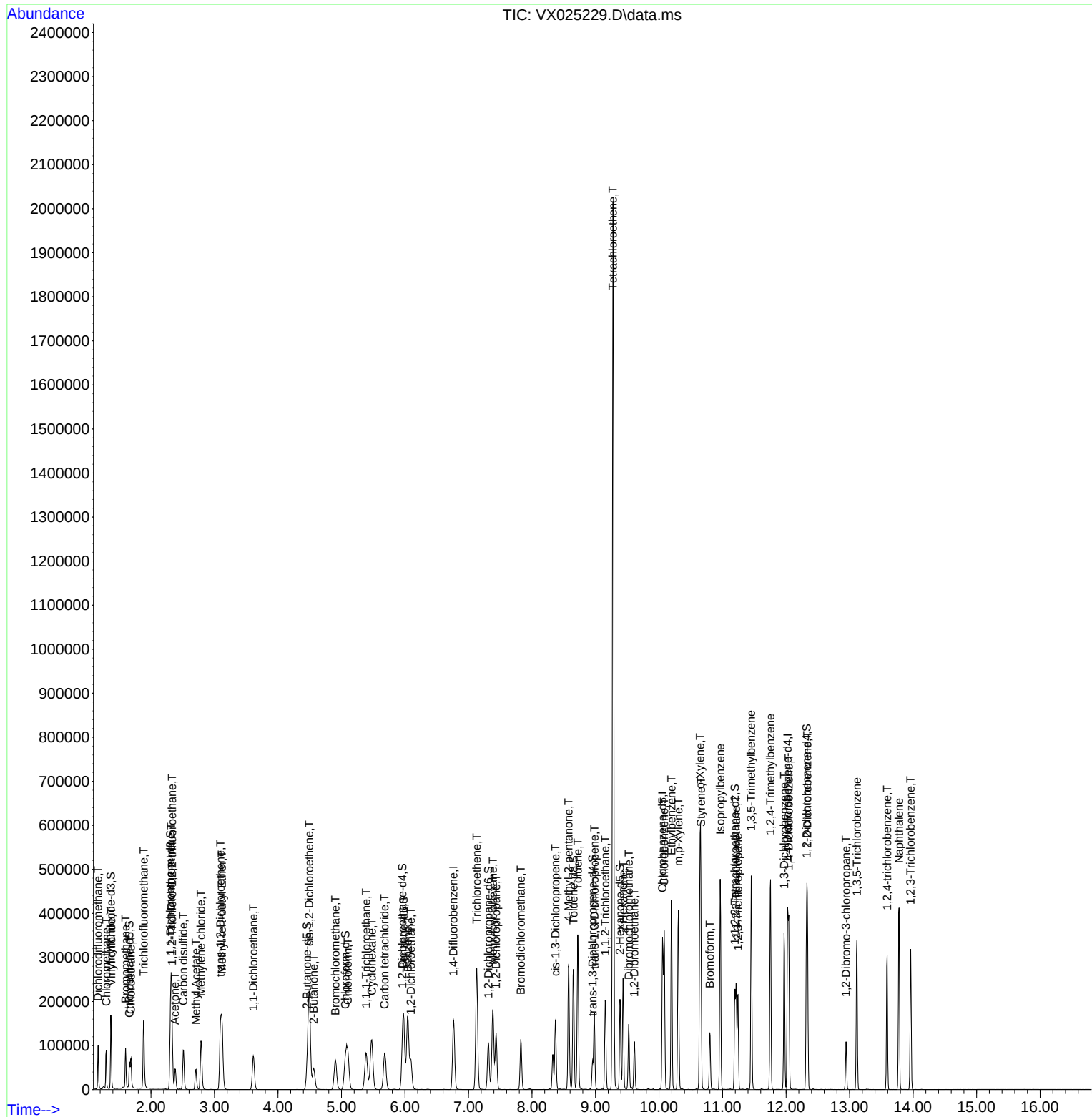
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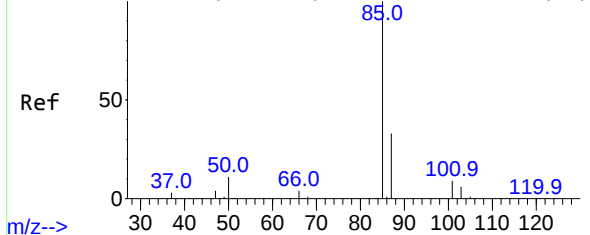
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Abundance Scan 13 (1.166 min): VX025212.D\data.ms (-10)



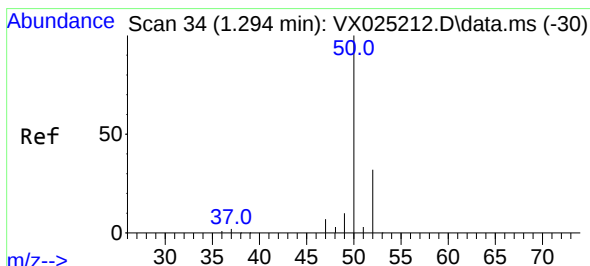
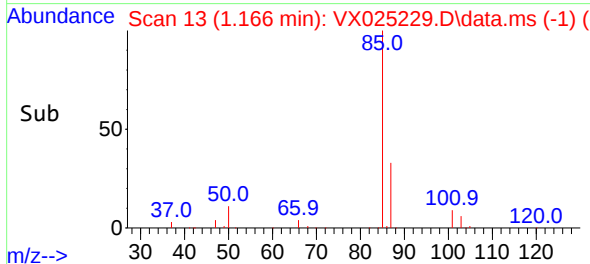
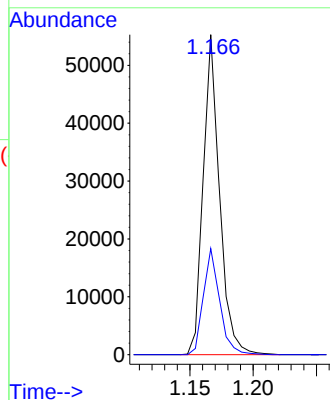
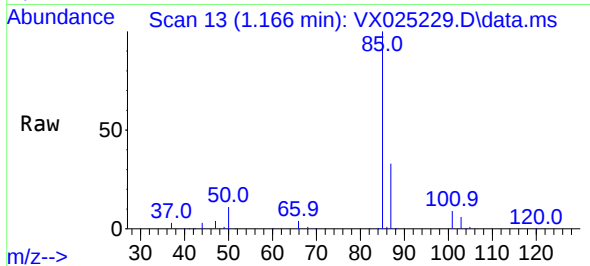
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Dichlorodifluoromethane
Concen: 36.965 ug/L
RT: 1.166 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025229.D
Acq: 18 Nov 2021 23:05

Instrument :
MSVOA_X
ClientSampleId :
H0AB5MSD

Tgt Ion: 85 Resp: 4996
Ion Ratio Lower Upper
85 100
87 33.0 25.3 37.9

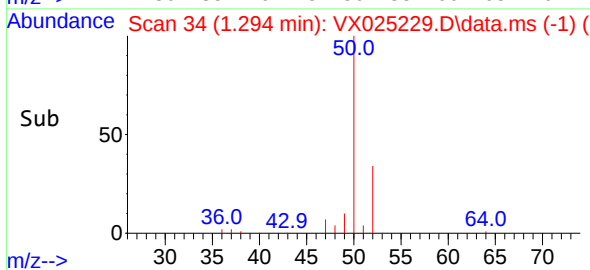
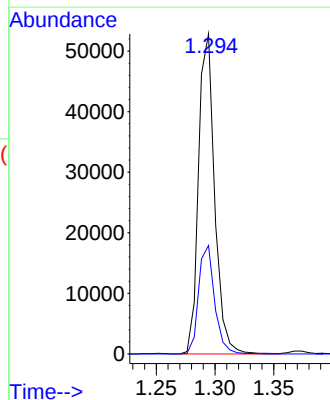
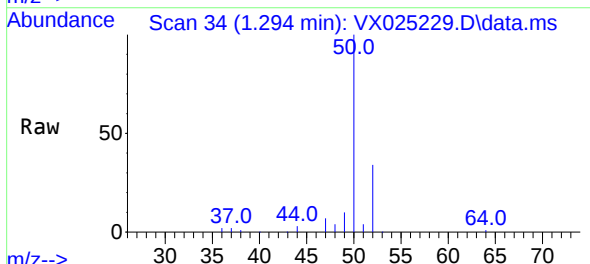
Manual Integrations
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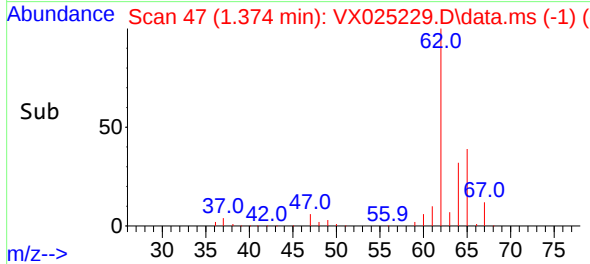
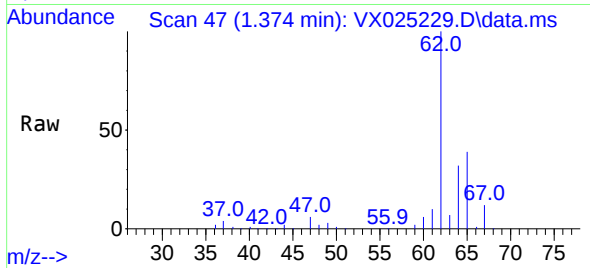
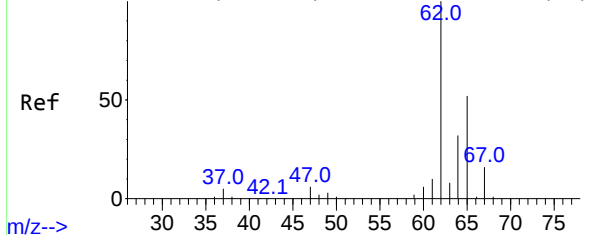


#3
Chloromethane
Concen: 34.570 ug/L
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX025229.D
Acq: 18 Nov 2021 23:05

Tgt Ion: 50 Resp: 50591
Ion Ratio Lower Upper
50 100
52 33.9 28.0 52.0



Abundance Scan 47 (1.373 min): VX025212.D\data.ms (-43)



#5

Vinyl chloride

Concen: 39.961 ug/L

RT: 1.374 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX025229.D

Acq: 18 Nov 2021 23:05

Tgt Ion: 62 Resp: 60305

Ion Ratio Lower Upper

62 100

64 32.0 23.6 43.8

Instrument :

MSVOA_X

ClientSampleId :

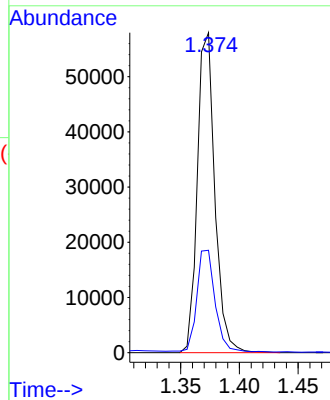
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Manual Integrations

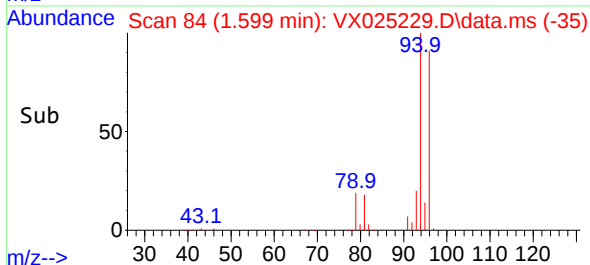
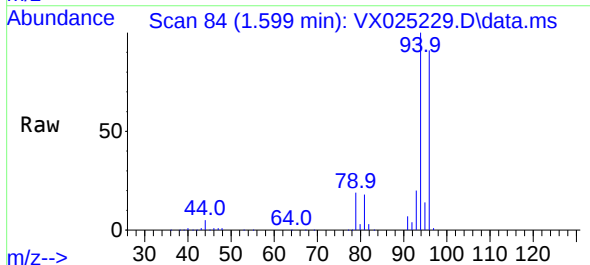
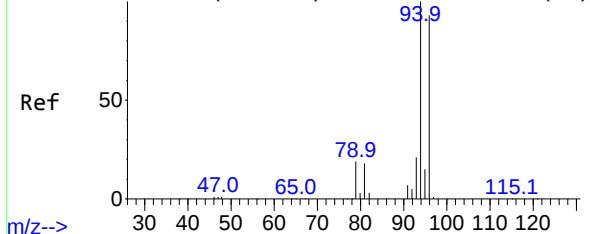
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Abundance Scan 84 (1.599 min): VX025212.D\data.ms (-80)



#6

Bromomethane

Concen: 62.744 ug/L

RT: 1.599 min Scan# 84

Delta R.T. 0.000 min

Lab File: VX025229.D

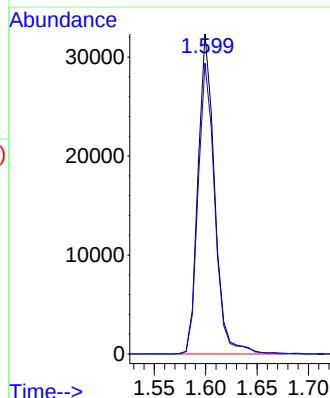
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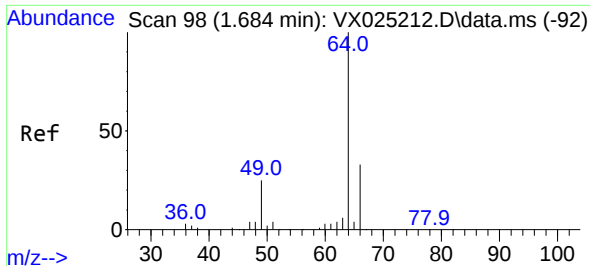
Tgt Ion: 94 Resp: 36335

Ion Ratio Lower Upper

94 100

96 90.8 62.9 116.9





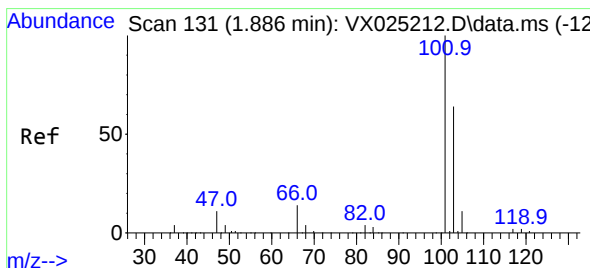
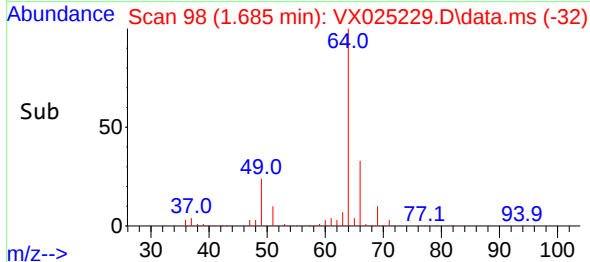
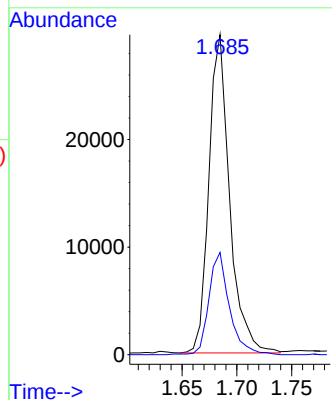
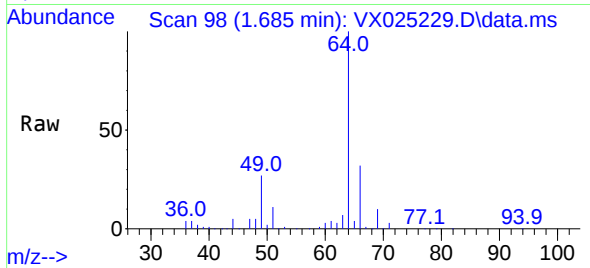
#8
Chloroethane
Concen: 51.326 ug/L
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX025229.D
Acq: 18 Nov 2021 23:05

Instrument :
MSVOA_X
ClientSampleId :
H0AB5MSD

Tgt Ion: 64 Resp: 38890
Ion Ratio Lower Upper
64 100
66 32.0 23.3 43.3

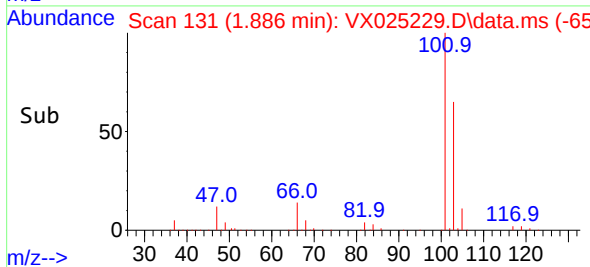
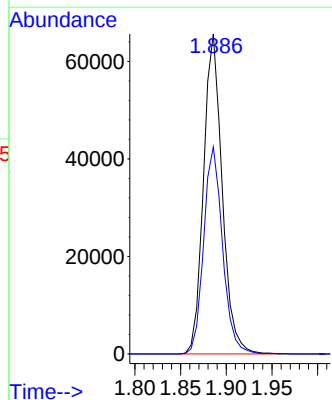
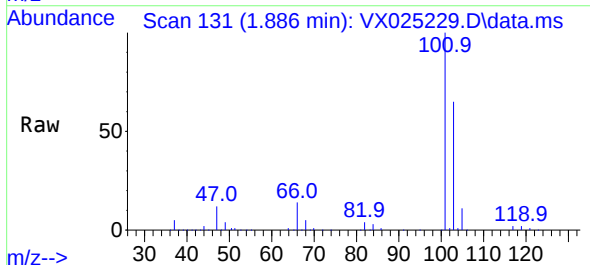
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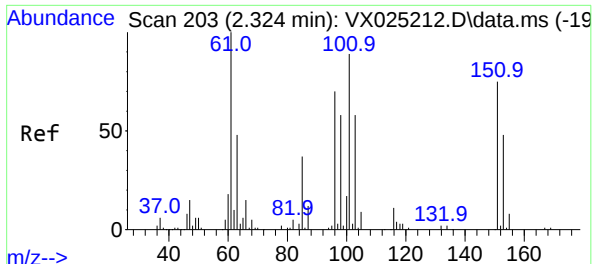
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/22/2021



#9
Trichlorofluoromethane
Concen: 42.327 ug/L
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX025229.D
Acq: 18 Nov 2021 23:05

Tgt Ion:101 Resp: 93237
Ion Ratio Lower Upper
101 100
103 65.3 51.4 77.0





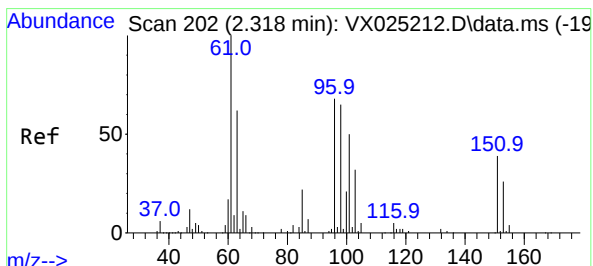
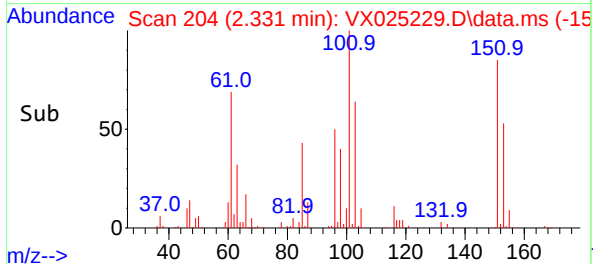
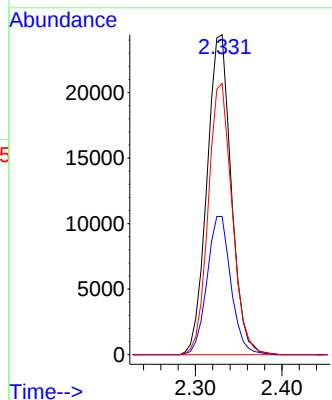
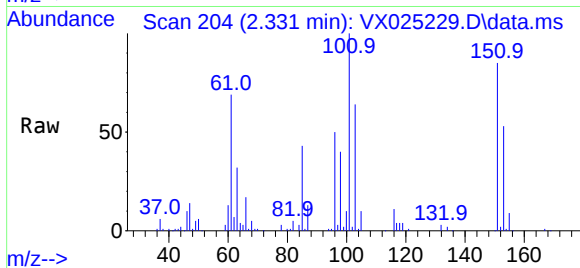
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 41.756 ug/L
RT: 2.331 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX025229.D
Acq: 18 Nov 2021 23:05

Instrument :
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Tgt Ion:101 Resp: 4766
Ion Ratio Lower Upper
101 100
85 42.5 35.3 52.9
151 83.4 62.3 93.5

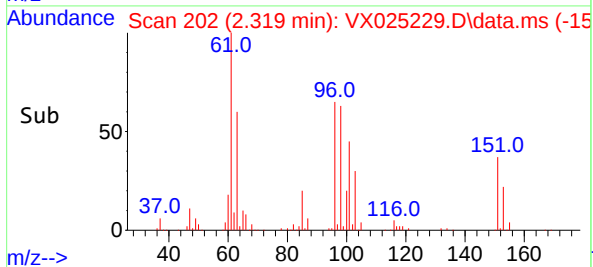
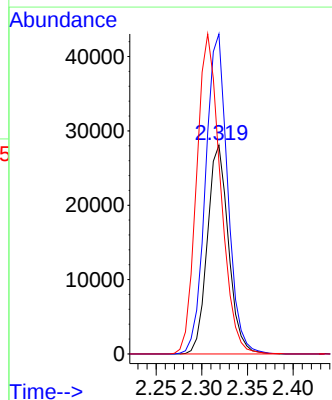
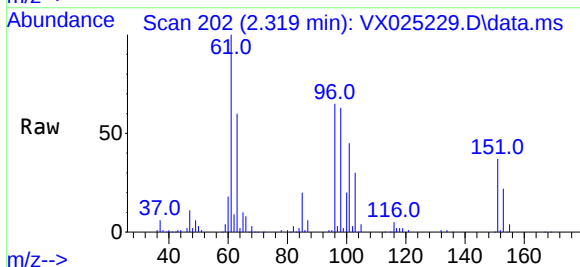
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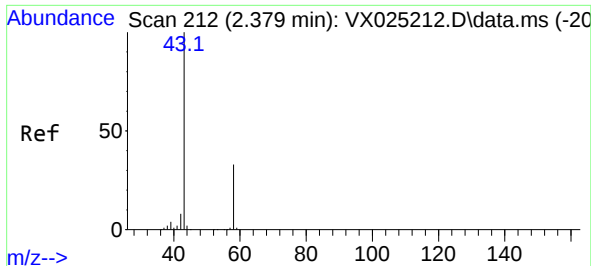
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/22/2021



#12
1,1-Dichloroethene
Concen: 40.820 ug/L
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX025229.D
Acq: 18 Nov 2021 23:05

Tgt Ion: 96 Resp: 45015
Ion Ratio Lower Upper
96 100
61 153.3 109.9 204.1
63 91.9 92.4 171.6#





#13

Acetone

Concen: 56.232 ug/L

RT: 2.380 min Scan# 212

Delta R.T. 0.000 min

Lab File: VX025229.D

Acq: 18 Nov 2021 23:05

Instrument :

MSVOA_X

ClientSampleId :

H0AB5MSD

Tgt Ion: 43 Resp: 4657

Ion Ratio Lower Upper

43 100

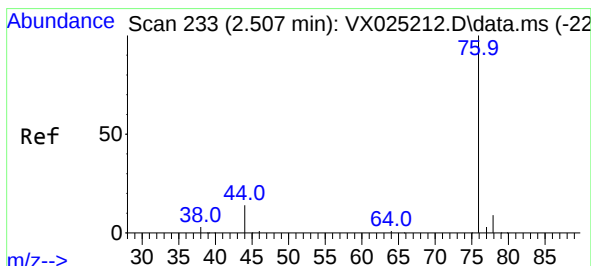
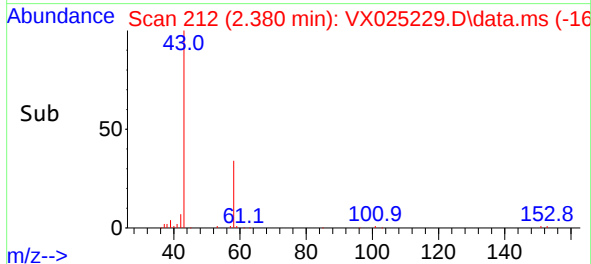
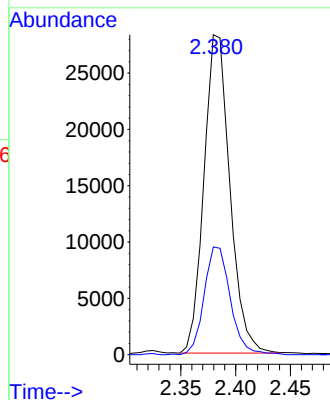
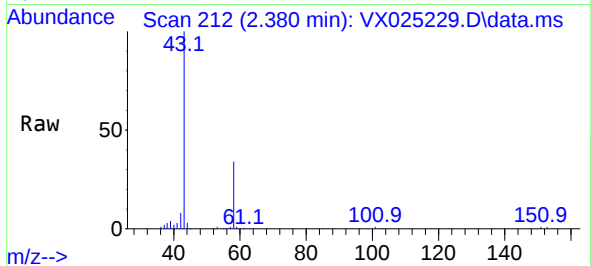
58 34.1 0.0 64.8

Manual Integrations

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#14

Carbon disulfide

Concen: 33.613 ug/L

RT: 2.508 min Scan# 233

Delta R.T. 0.000 min

Lab File: VX025229.D

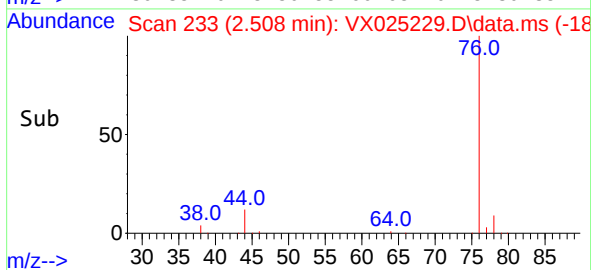
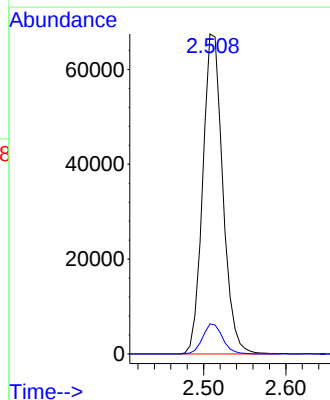
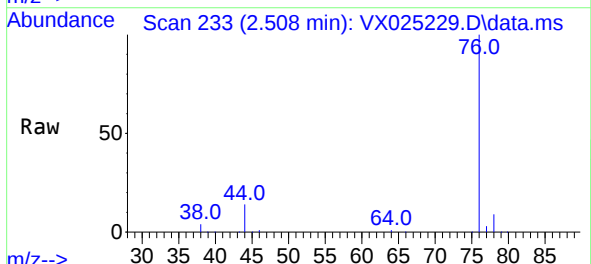
Acq: 18 Nov 2021 23:05

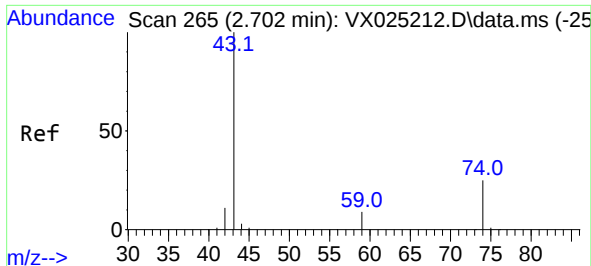
Tgt Ion: 76 Resp: 114207

Ion Ratio Lower Upper

76 100

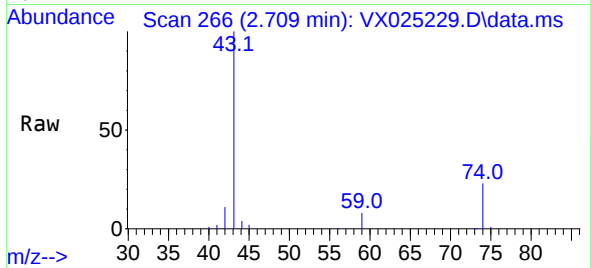
78 9.4 7.2 10.8





#15
Methyl Acetate
Concen: 39.338 ug/L
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX025229.D
Acq: 18 Nov 2021 23:05

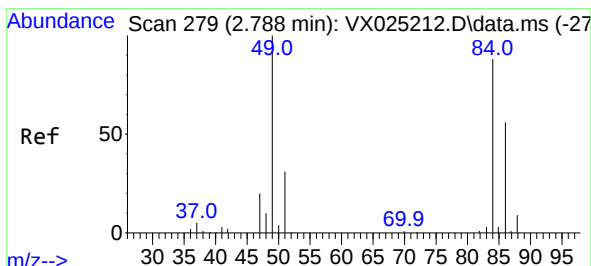
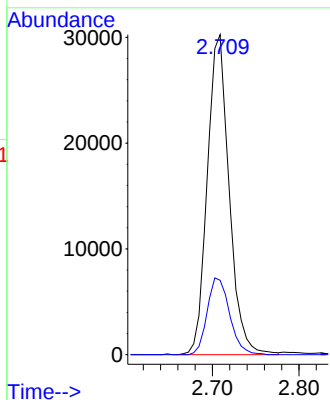
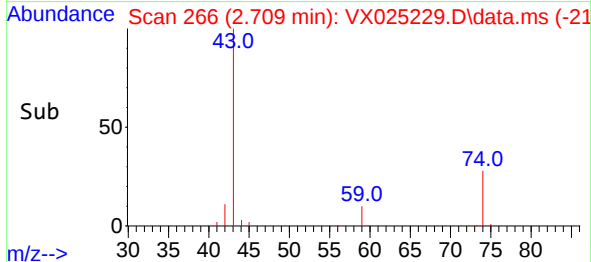
Instrument :
MSVOA_X
ClientSampleId :
H0AB5MSD



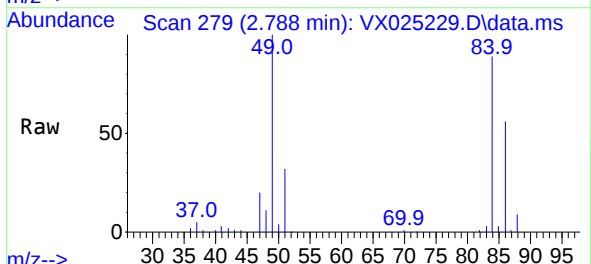
Tgt Ion: 43 Resp: 53049
Ion Ratio Lower Upper
43 100
74 24.6 28.6 42.8

Manual Integrations
APPROVED

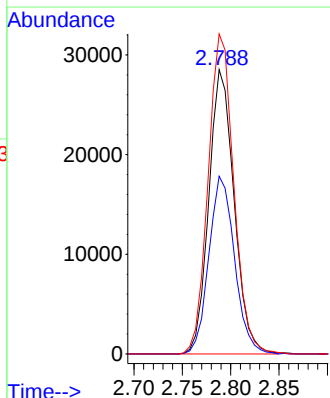
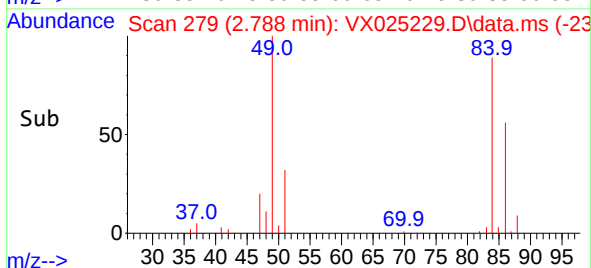
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/22/2021

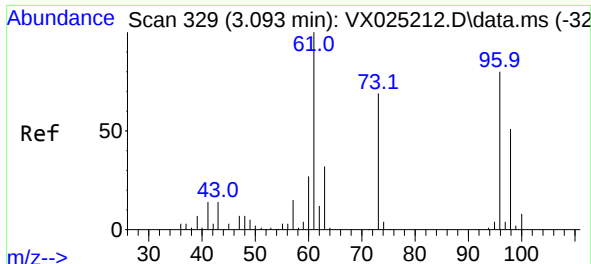


#16
Methylene chloride
Concen: 42.524 ug/L
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX025229.D
Acq: 18 Nov 2021 23:05



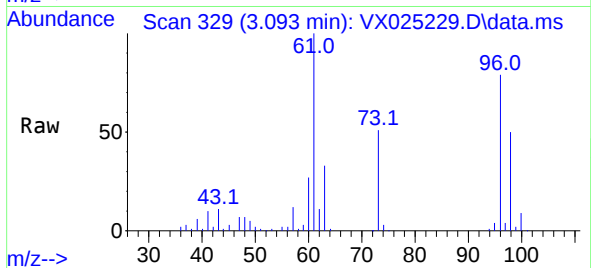
Tgt Ion: 84 Resp: 51874
Ion Ratio Lower Upper
84 100
86 62.5 44.4 82.5
49 112.6 64.0 118.8





#17
trans-1,2-Dichloroethene
Concen: 42.359 ug/L
RT: 3.093 min Scan# 329
Delta R.T. 0.000 min
Lab File: VX025229.D
Acq: 18 Nov 2021 23:05

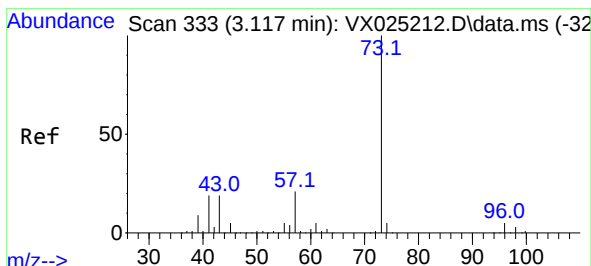
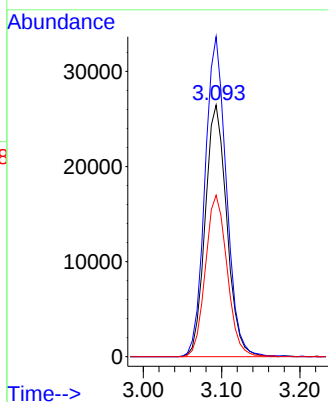
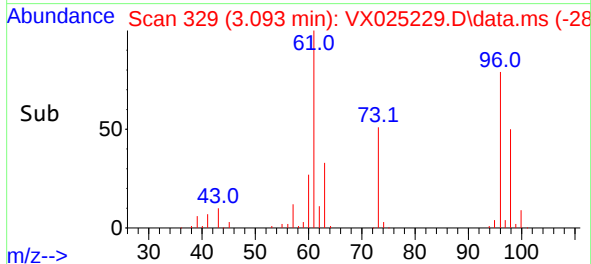
Instrument :
MSVOA_X
ClientSampleId :
H0AB5MSD



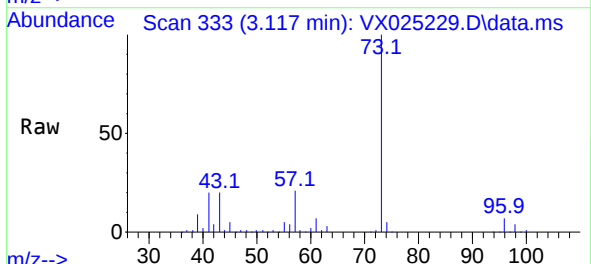
Tgt Ion: 96 Resp: 50730
Ion Ratio Lower Upper
96 100
61 127.1 99.4 184.6
98 64.1 47.0 87.2

Manual Integrations
APPROVED

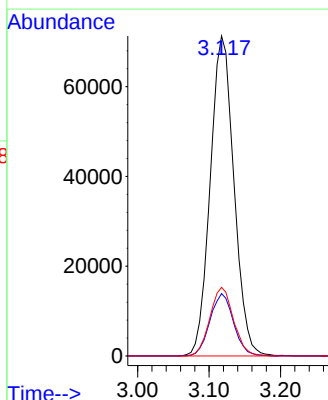
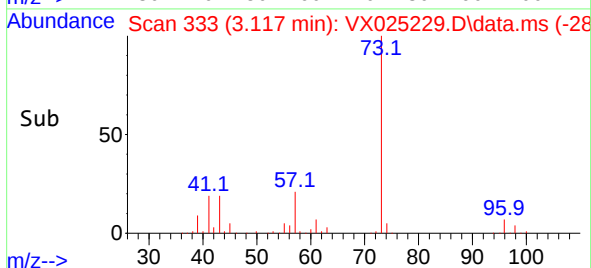
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/22/2021

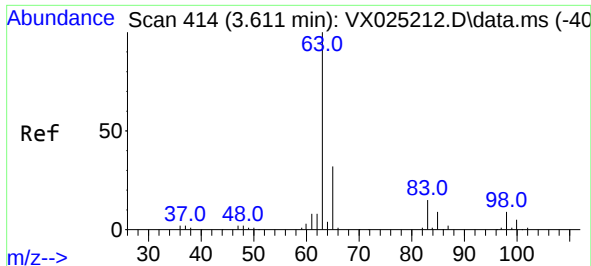


#18
Methyl tert-butyl Ether
Concen: 43.855 ug/L
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX025229.D
Acq: 18 Nov 2021 23:05



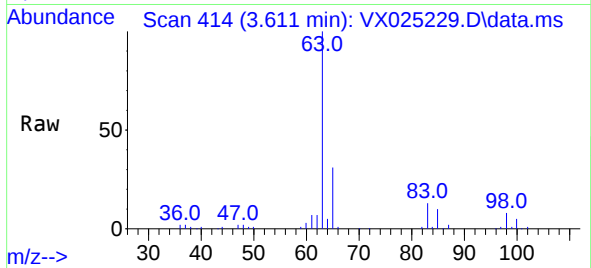
Tgt Ion: 73 Resp: 164166
Ion Ratio Lower Upper
73 100
43 19.5 12.4 18.6#
57 21.3 13.2 19.8#





#19
1,1-Dichloroethane
Concen: 42.481 ug/L
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX025229.D
Acq: 18 Nov 2021 23:05

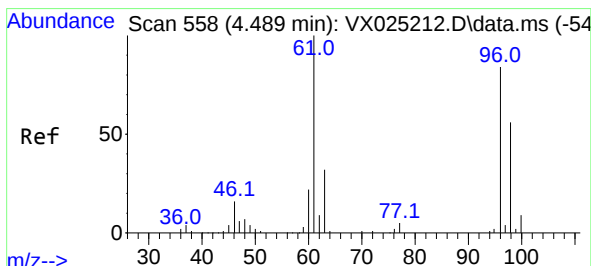
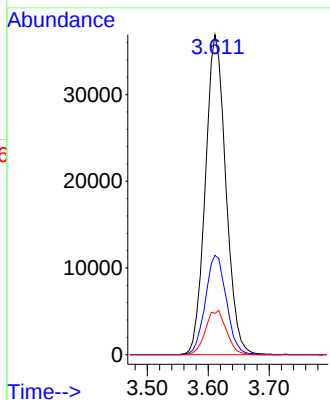
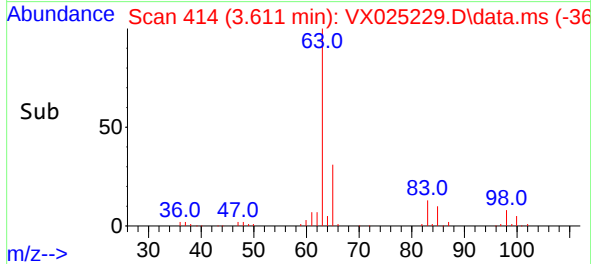
Instrument :
MSVOA_X
ClientSampleId :
H0AB5MSD



Tgt Ion: 63 Resp: 8606
Ion Ratio Lower Upper
63 100
65 31.1 24.5 45.5
83 12.9 11.7 21.7

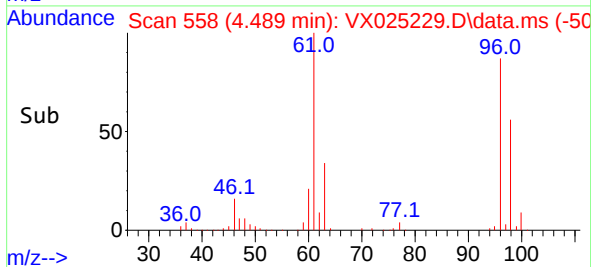
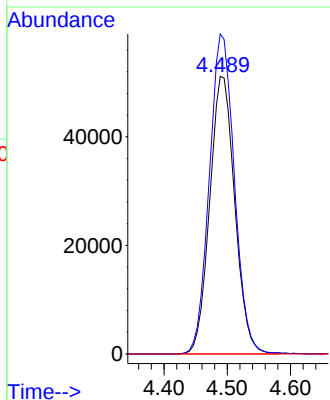
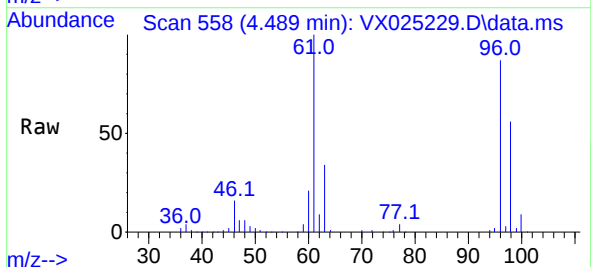
Manual Integrations
APPROVED

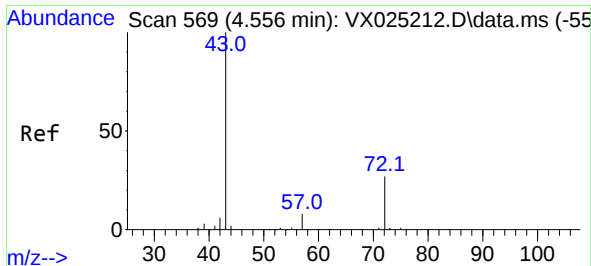
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/22/2021



#20
cis-1,2-Dichloroethene
Concen: 106.053 ug/L
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX025229.D
Acq: 18 Nov 2021 23:05

Tgt Ion: 96 Resp: 140531
Ion Ratio Lower Upper
96 100
61 115.3 82.6 153.4
68 0.0 0.0 0.0





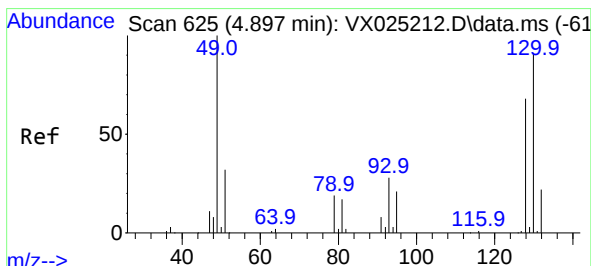
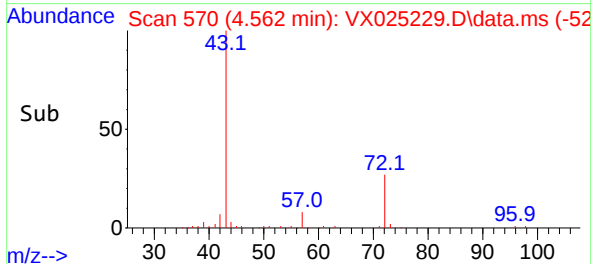
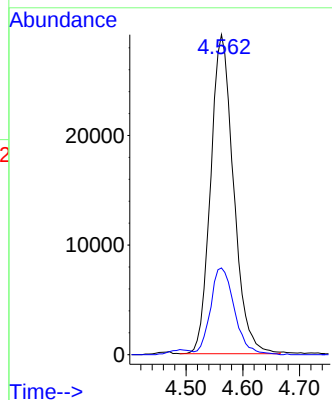
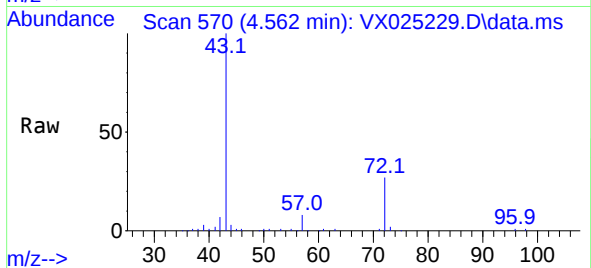
#22
2-Butanone
Concen: 74.036 ug/L
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX025229.D
Acq: 18 Nov 2021 23:05

Instrument :
MSVOA_X
ClientSampleId :
H0AB5MSD

Tgt Ion: 43 Resp: 8163
Ion Ratio Lower Upper
43 100
72 28.4 18.4 55.0

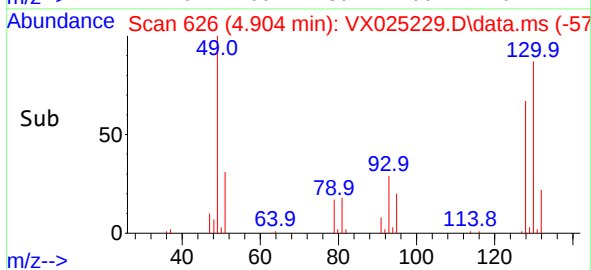
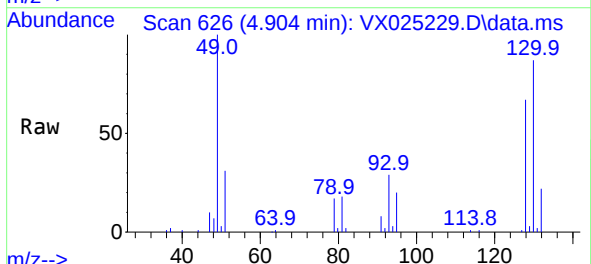
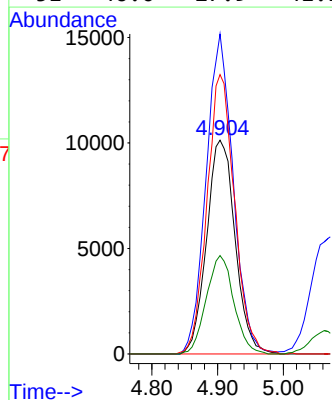
Manual Integrations
APPROVED

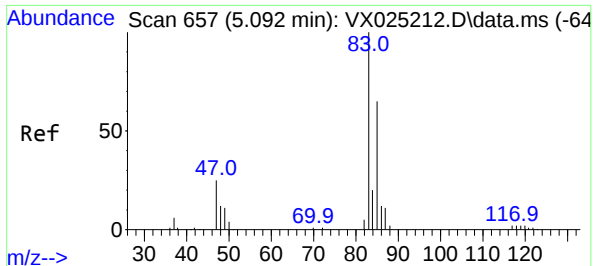
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/22/2021



#23
Bromochloromethane
Concen: 44.754 ug/L
RT: 4.904 min Scan# 626
Delta R.T. 0.006 min
Lab File: VX025229.D
Acq: 18 Nov 2021 23:05

Tgt Ion:128 Resp: 30532
Ion Ratio Lower Upper
128 100
49 149.6 71.5 132.7#
130 130.6 84.3 156.5
51 46.0 27.9 41.9#





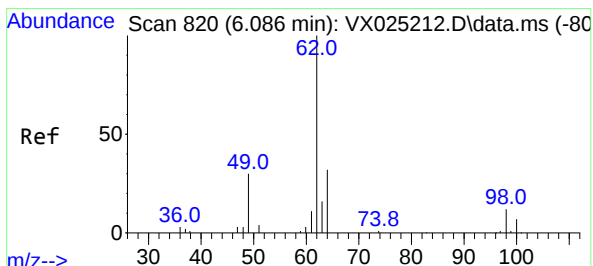
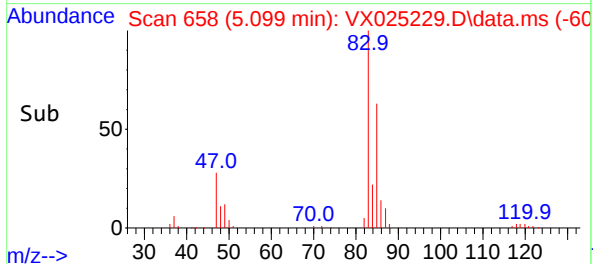
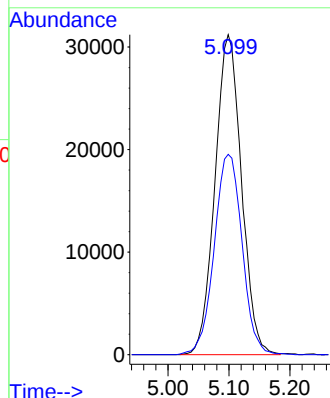
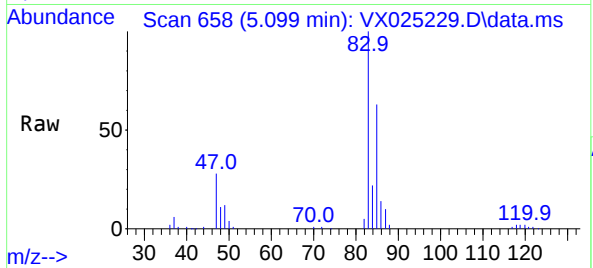
#25
Chloroform
Concen: 45.455 ug/L
RT: 5.099 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX025229.D
Acq: 18 Nov 2021 23:05

Instrument :
MSVOA_X
ClientSampleId :
H0AB5MSD

Tgt Ion: 83 Resp: 9438
Ion Ratio Lower Upper
83 100
85 62.6 46.3 86.1

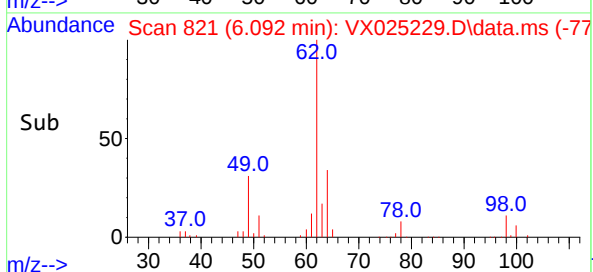
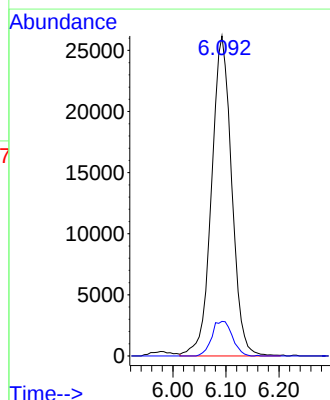
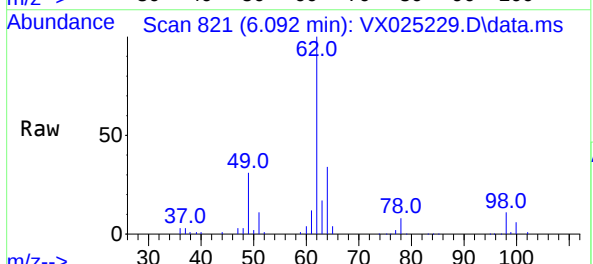
Manual Integrations
APPROVED

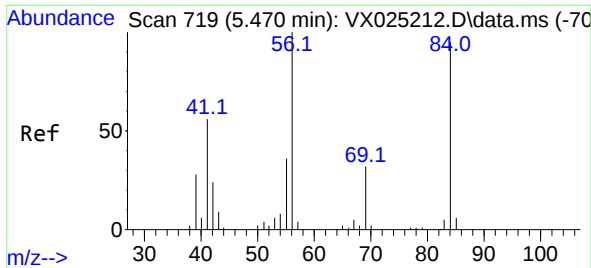
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/22/2021



#27
1,2-Dichloroethane
Concen: 45.392 ug/L
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX025229.D
Acq: 18 Nov 2021 23:05

Tgt Ion: 62 Resp: 69106
Ion Ratio Lower Upper
62 100
98 10.8 5.5 8.3#





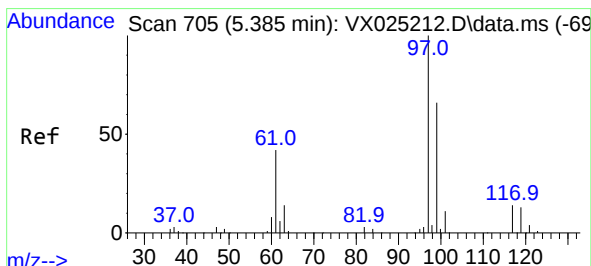
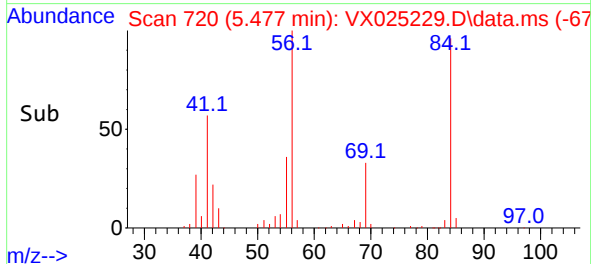
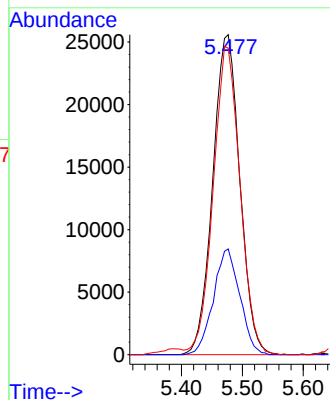
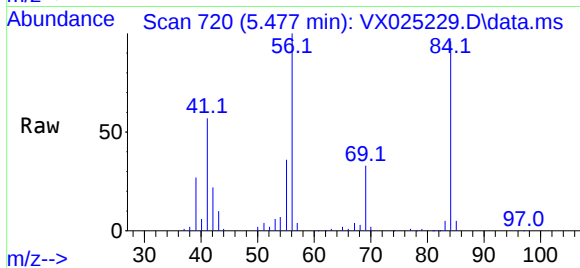
#29
Cyclohexane
Concen: 38.687 ug/L
RT: 5.477 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX025229.D
Acq: 18 Nov 2021 23:05

Instrument :
MSVOA_X
ClientSampleId :
H0AB5MSD

Tgt Ion: 56 Resp: 79084
Ion Ratio Lower Upper
56 100
69 32.2 30.8 46.2
84 95.4 86.8 130.2

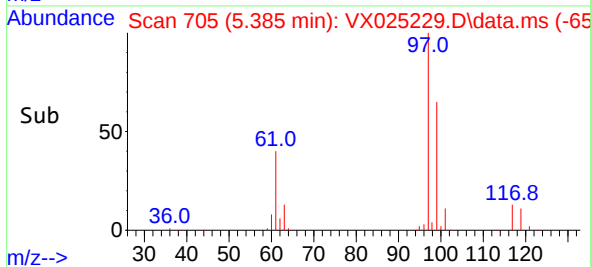
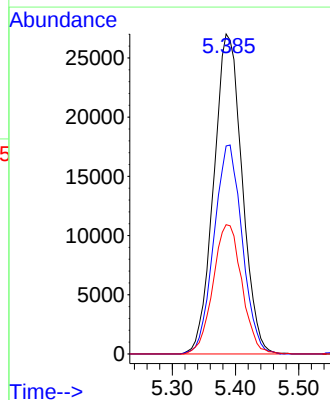
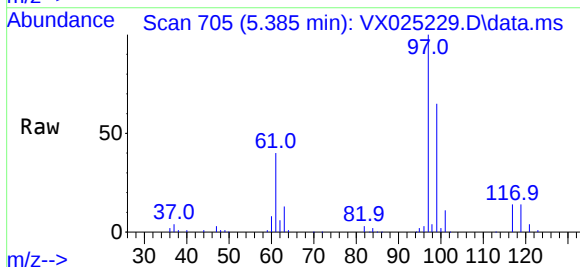
Manual Integrations
APPROVED

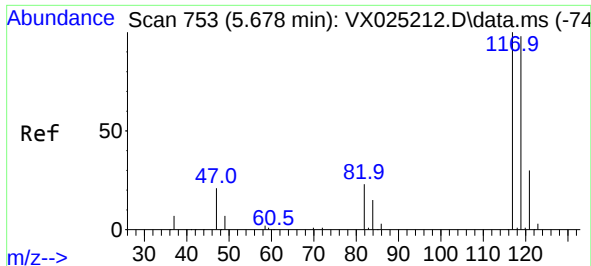
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/22/2021



#30
1,1,1-Trichloroethane
Concen: 42.790 ug/L
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX025229.D
Acq: 18 Nov 2021 23:05

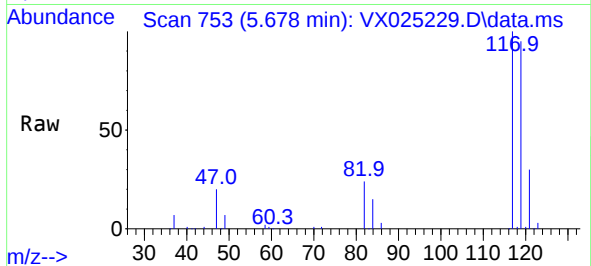
Tgt Ion: 97 Resp: 84133
Ion Ratio Lower Upper
97 100
99 65.0 53.1 79.7
61 41.1 26.3 39.5





#31
Carbon tetrachloride
Concen: 43.538 ug/L
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX025229.D
Acq: 18 Nov 2021 23:05

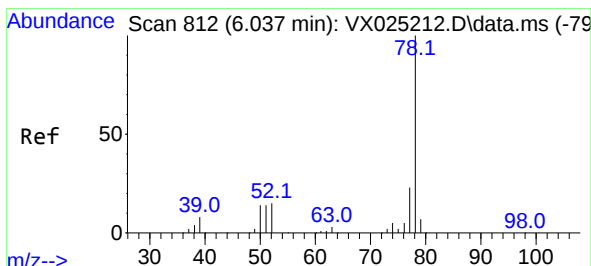
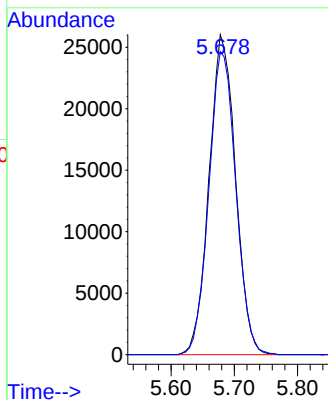
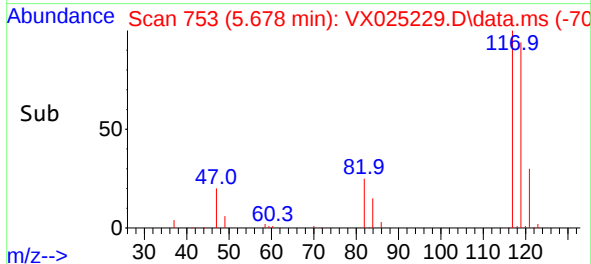
Instrument :
MSVOA_X
ClientSampleId :
H0AB5MSD



Tgt Ion:117 Resp: 75589
Ion Ratio Lower Upper
117 100
119 96.3 76.0 114.0

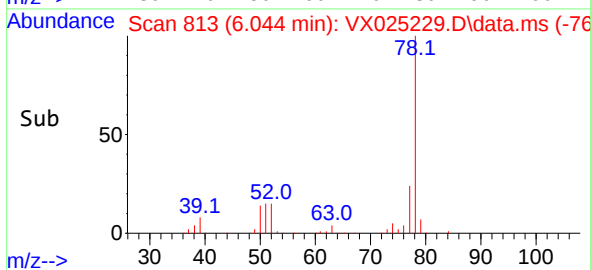
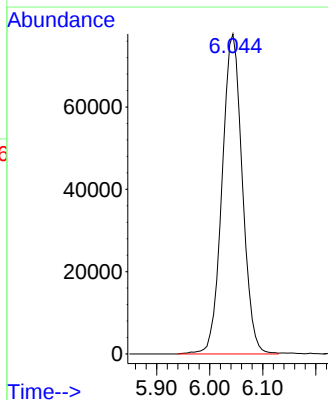
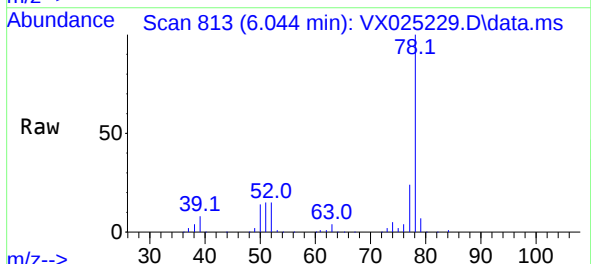
Manual Integrations
APPROVED

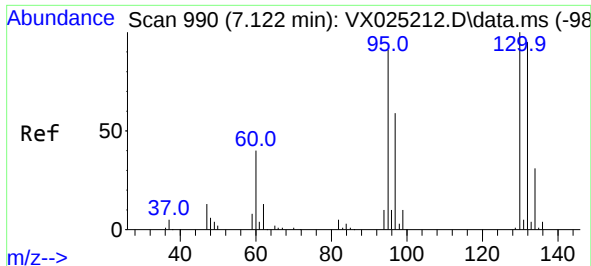
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/22/2021



#33
Benzene
Concen: 41.941 ug/L
RT: 6.044 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX025229.D
Acq: 18 Nov 2021 23:05

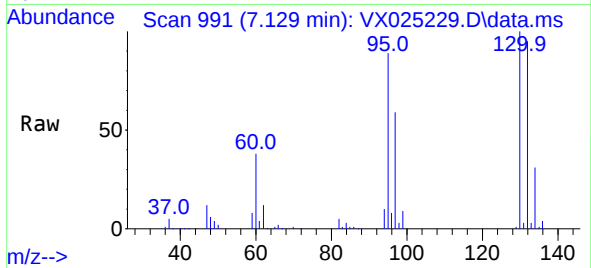
Tgt Ion: 78 Resp: 206178





#34
Trichloroethene
Concen: 79.688 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX025229.D
Acq: 18 Nov 2021 23:05

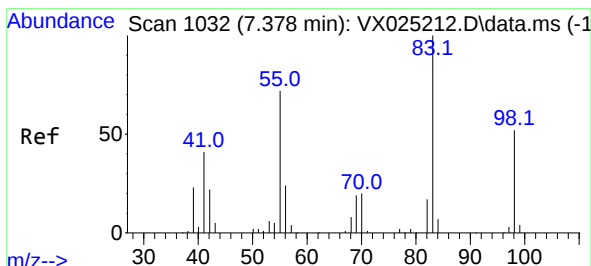
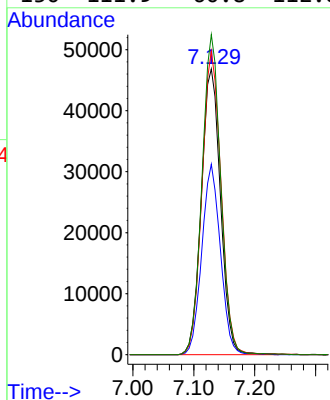
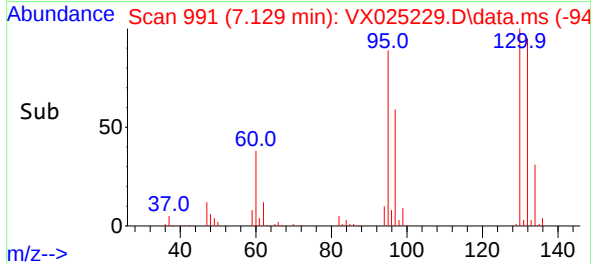
Instrument :
MSVOA_X
ClientSampleId :
H0AB5MSD



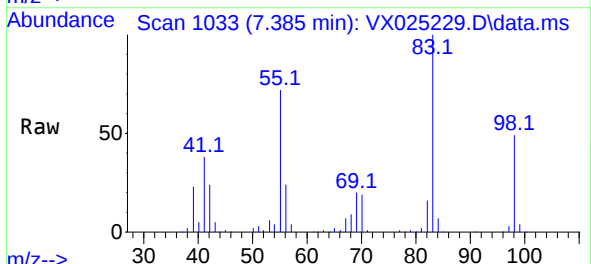
Tgt Ion: 95 Resp: 102368
Ion Ratio Lower Upper
95 100
97 66.6 44.2 82.2
132 106.2 60.1 111.5
130 111.9 60.8 112.8

Manual Integrations
APPROVED

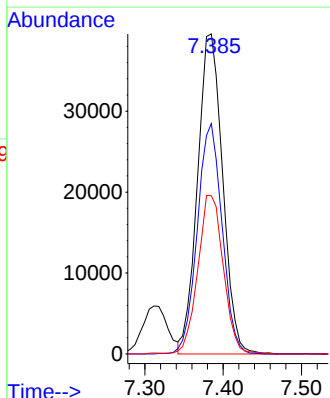
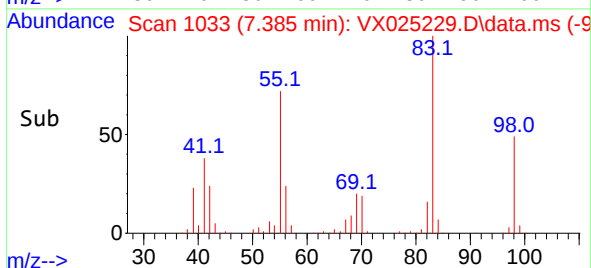
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/22/2021

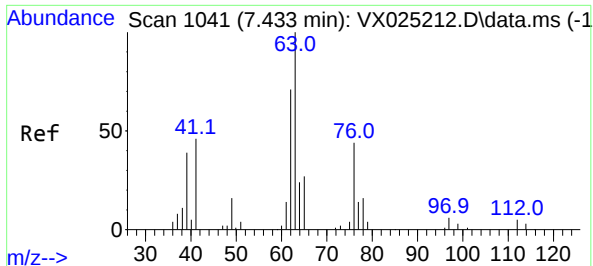


#35
Methylcyclohexane
Concen: 40.562 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VX025229.D
Acq: 18 Nov 2021 23:05



Tgt Ion: 83 Resp: 88113
Ion Ratio Lower Upper
83 100
55 71.0 52.6 79.0
98 50.3 37.9 56.9





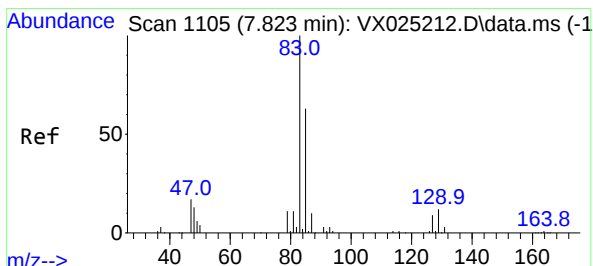
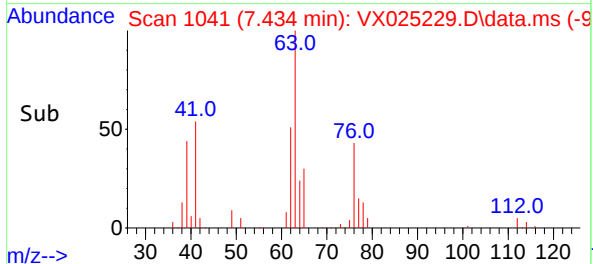
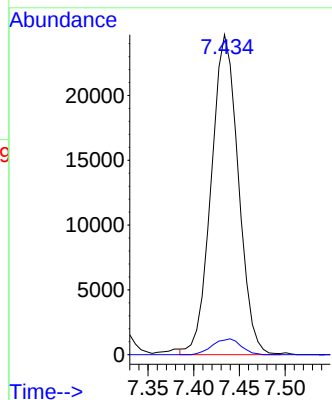
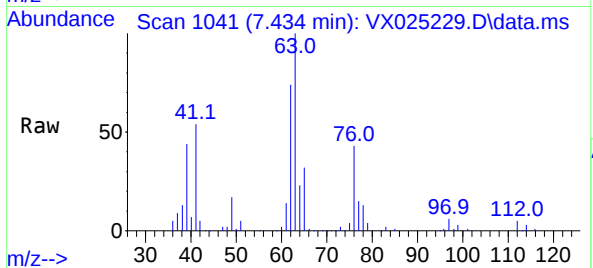
#37
1,2-Dichloropropane
Concen: 41.457 ug/L
RT: 7.434 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VX025229.D
Acq: 18 Nov 2021 23:05

Instrument :
MSVOA_X
ClientSampleId :
H0AB5MSD

Tgt Ion: 63 Resp: 5105
Ion Ratio Lower Upper
63 100
112 5.2 4.0 6.0

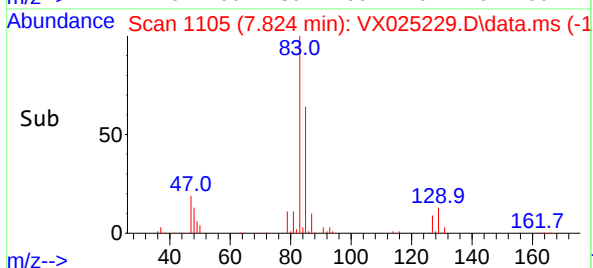
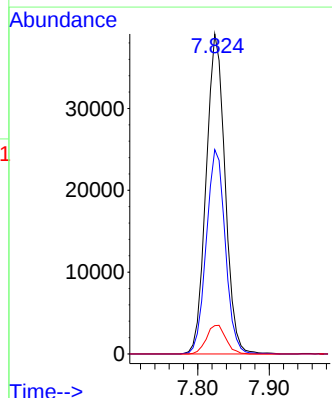
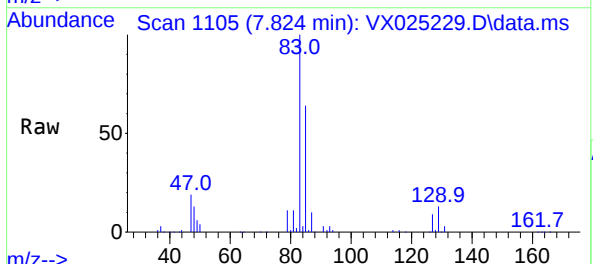
Manual Integrations
APPROVED

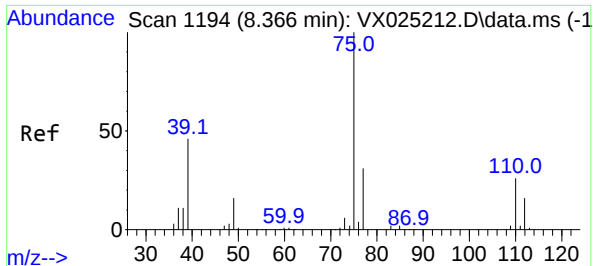
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/22/2021



#38
Bromodichloromethane
Concen: 43.076 ug/L
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX025229.D
Acq: 18 Nov 2021 23:05

Tgt Ion: 83 Resp: 71786
Ion Ratio Lower Upper
83 100
85 63.9 46.8 87.0
127 8.8 8.2 12.2





#39

cis-1,3-Dichloropropene

Concen: 40.149 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX025229.D

Acq: 18 Nov 2021 23:05

Instrument :

MSVOA_X

ClientSampleId :

H0AB5MSD

Tgt Ion: 75 Resp: 81184

Ion Ratio Lower Upper

75 100

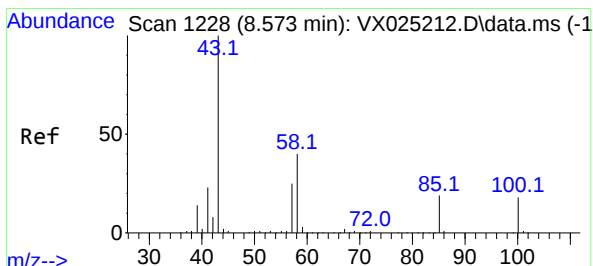
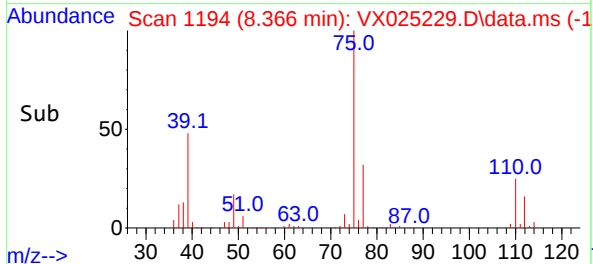
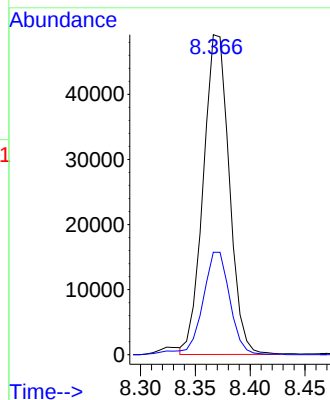
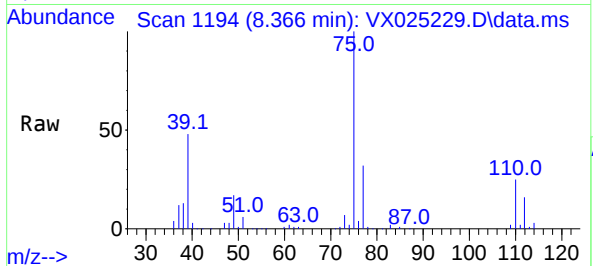
77 32.0 23.1 42.9

Manual Integrations

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Reviewed By :John Carlone 11/19/2021

Supervised By :Mahesh Dadoda 11/22/2021



#40

4-Methyl-2-pentanone

Concen: 85.516 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX025229.D

Acq: 18 Nov 2021 23:05

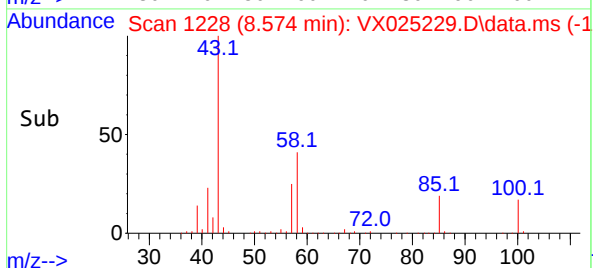
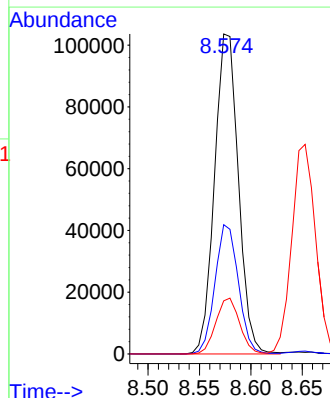
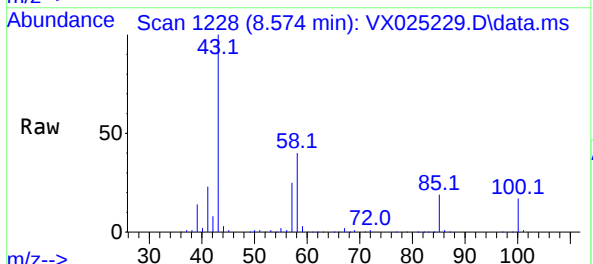
Tgt Ion: 43 Resp: 167368

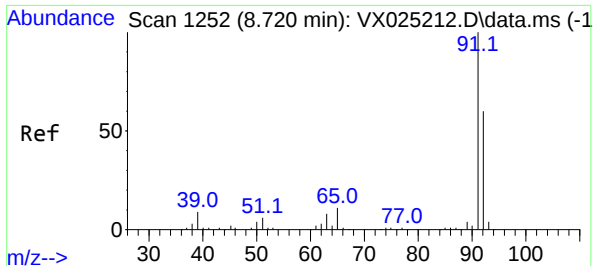
Ion Ratio Lower Upper

43 100

58 39.6 41.3 61.9#

100 17.4 19.6 29.4#





#42

Toluene

Concen: 42.538 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX025229.D

Acq: 18 Nov 2021 23:05

Instrument :

MSVOA_X

ClientSampleId :

H0AB5MSD

Tgt Ion: 91 Resp: 22713

Ion Ratio Lower Upper

91 100

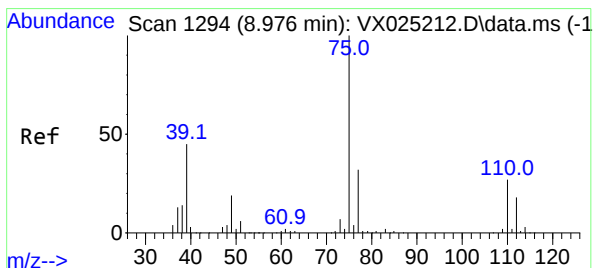
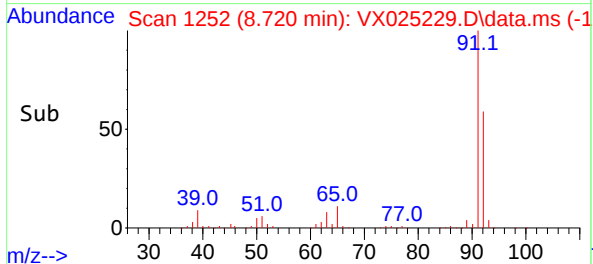
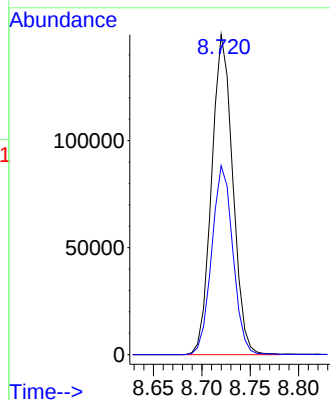
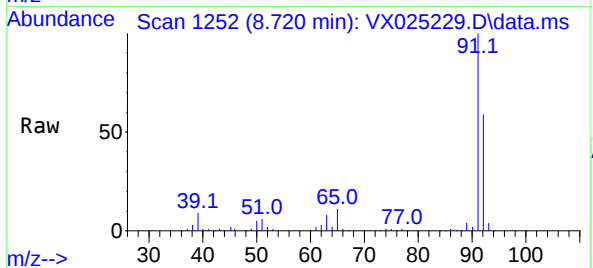
92 59.0 39.3 72.9

Manual Integrations

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Reviewed By :John Carlone 11/19/2021

Supervised By :Mahesh Dadoda 11/22/2021



#44

trans-1,3-Dichloropropene

Concen: 40.268 ug/L

RT: 8.982 min Scan# 1295

Delta R.T. 0.006 min

Lab File: VX025229.D

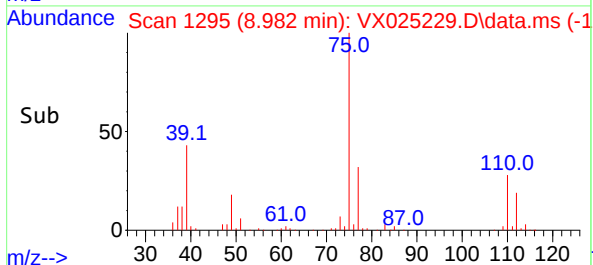
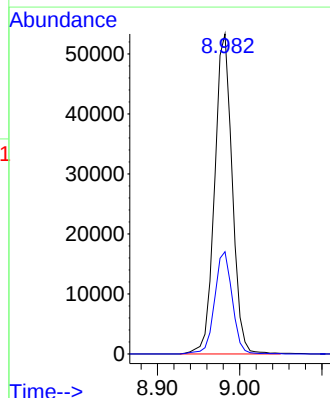
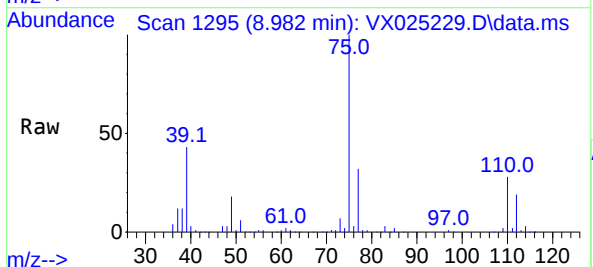
Acq: 18 Nov 2021 23:05

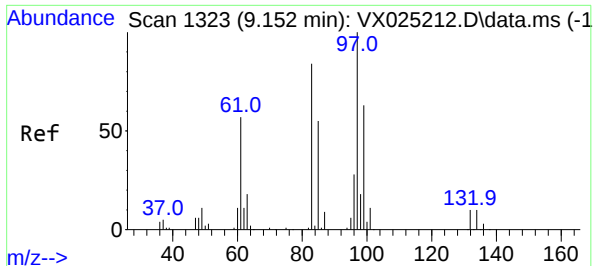
Tgt Ion: 75 Resp: 79243

Ion Ratio Lower Upper

75 100

77 31.9 23.4 43.6





#45
1,1,2-Trichloroethane
Concen: 44.458 ug/L
RT: 9.153 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025229.D
Acq: 18 Nov 2021 23:05

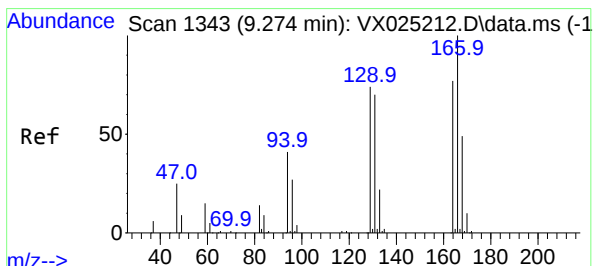
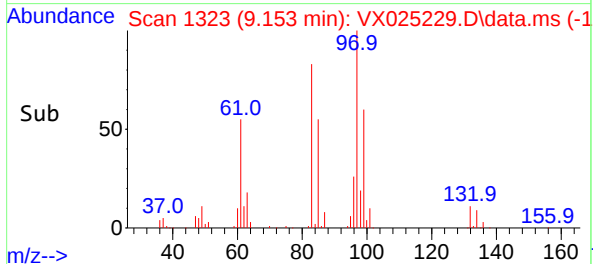
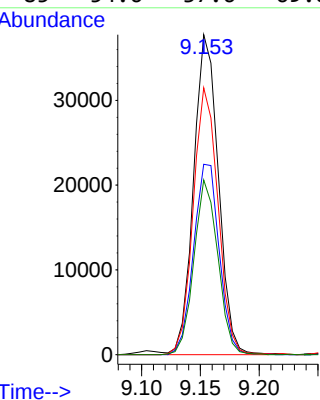
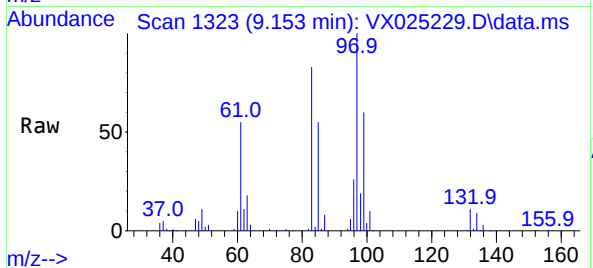
Instrument :
MSVOA_X
ClientSampleId :
H0AB5MSD

Tgt Ion: 97 Resp: 55284

Ion	Ratio	Lower	Upper
97	100		
99	59.5	43.5	80.7
83	83.4	58.2	108.0
85	54.6	37.6	69.8

Manual Integrations
APPROVED

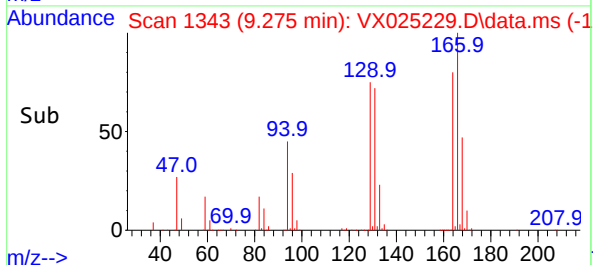
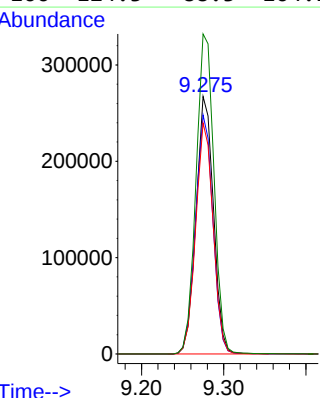
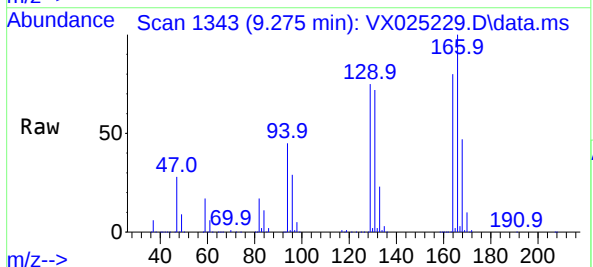
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/22/2021

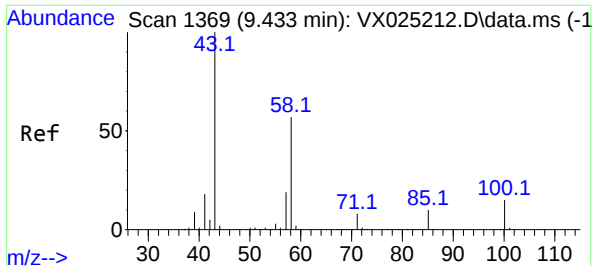


#46
Tetrachloroethene
Concen: 368.332 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX025229.D
Acq: 18 Nov 2021 23:05

Tgt Ion:164 Resp: 394772

Ion	Ratio	Lower	Upper
164	100		
129	92.8	78.5	145.7
131	89.8	70.5	130.9
166	124.3	88.3	164.1





#48

2-Hexanone

Concen: 79.247 ug/L

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX025229.D

Acq: 18 Nov 2021 23:05

Instrument :

MSVOA_X

ClientSampleId :

H0AB5MSD

Tgt Ion: 43 Resp: 12713

Ion Ratio Lower Upper

43 100

58 55.7 56.0 84.0

57 19.0 20.4 30.6

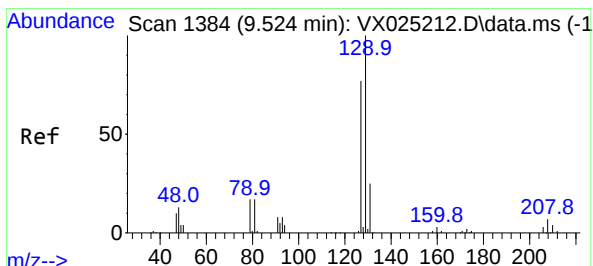
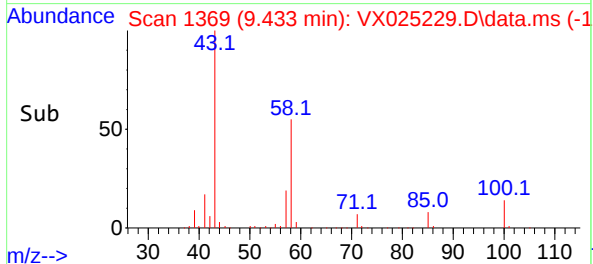
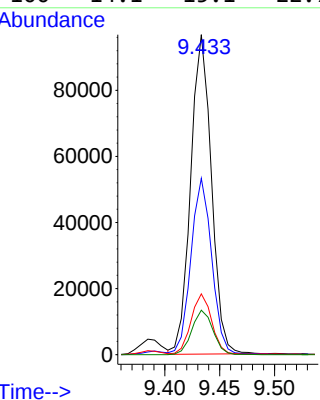
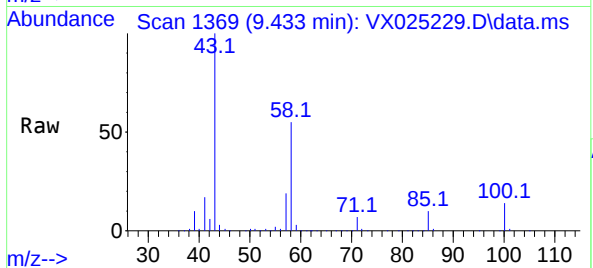
100 14.1 15.1 22.7

Manual Integrations

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Reviewed By :John Carlone 11/19/2021

Supervised By :Mahesh Dadoda 11/22/2021



#49

Dibromochloromethane

Concen: 44.348 ug/L

RT: 9.525 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VX025229.D

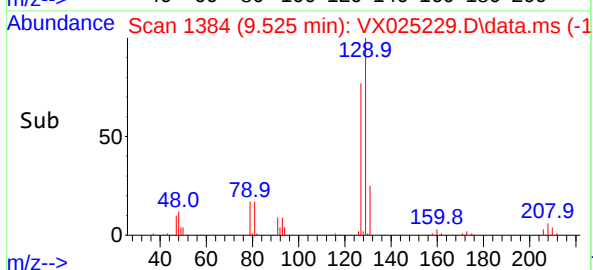
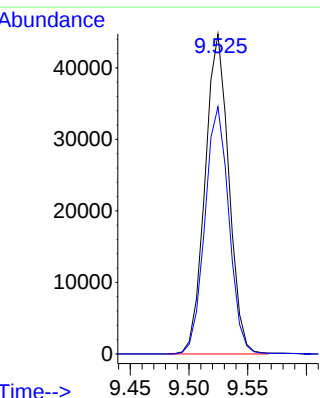
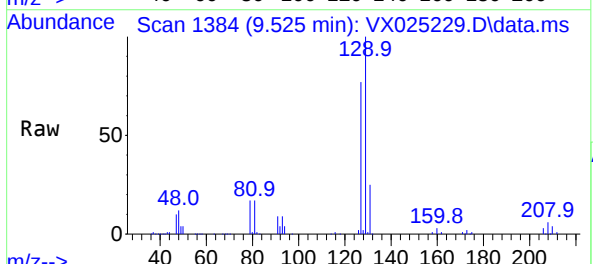
Acq: 18 Nov 2021 23:05

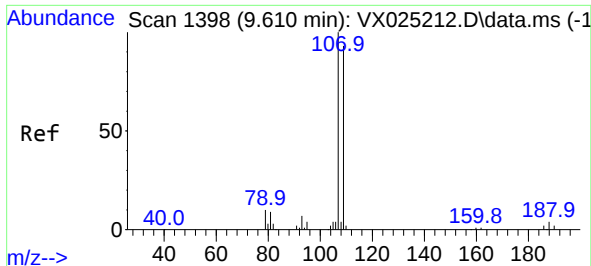
Tgt Ion:129 Resp: 62952

Ion Ratio Lower Upper

129 100

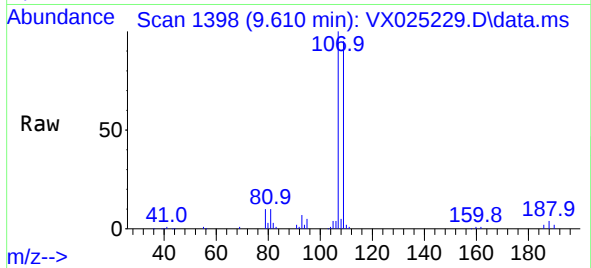
127 77.3 54.1 100.5





#50
1,2-Dibromoethane
Concen: 44.102 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX025229.D
Acq: 18 Nov 2021 23:05

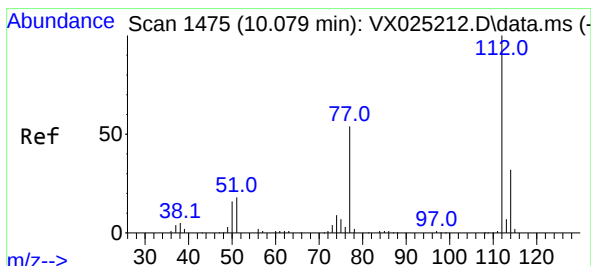
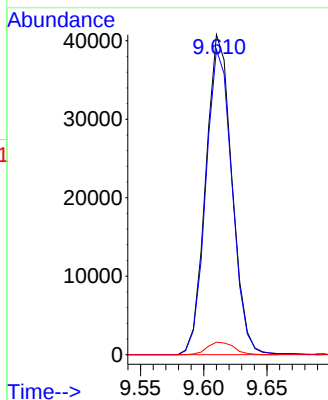
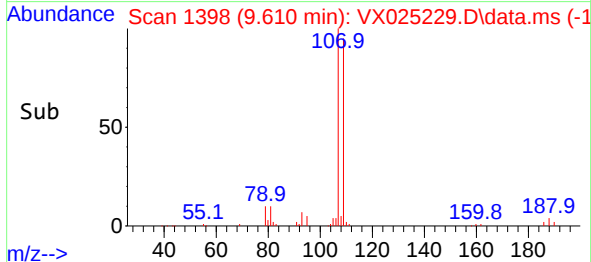
Instrument :
MSVOA_X
ClientSampleId :
H0AB5MSD



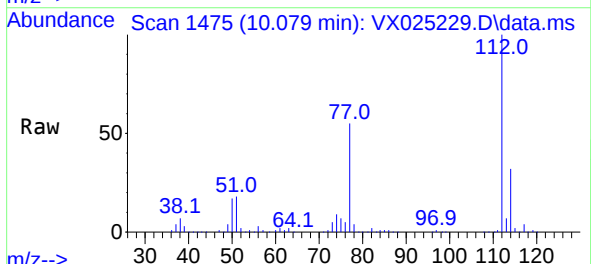
Tgt Ion:107 Resp: 58692
Ion Ratio Lower Upper
107 100
109 95.4 63.8 118.6
188 3.9 2.2 3.2

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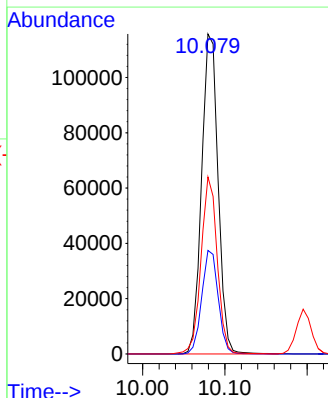
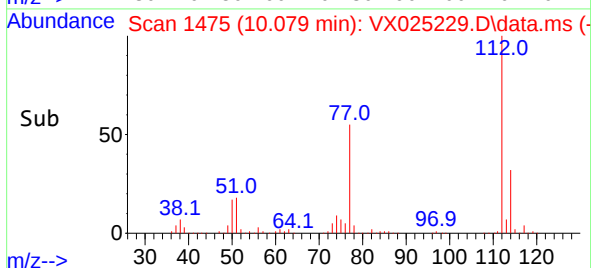
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/22/2021

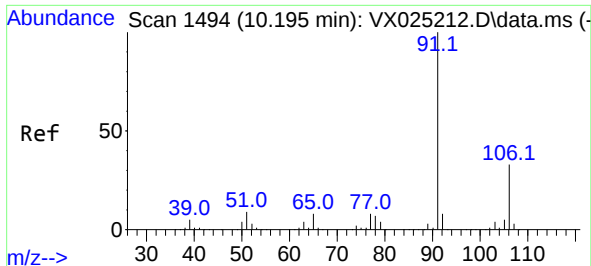


#51
Chlorobenzene
Concen: 46.912 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX025229.D
Acq: 18 Nov 2021 23:05



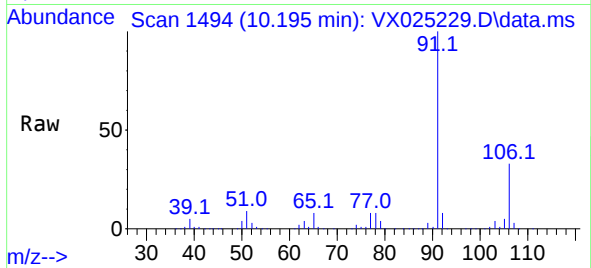
Tgt Ion:112 Resp: 160945
Ion Ratio Lower Upper
112 100
114 32.4 22.7 42.3
77 55.3 46.8 70.2





#52
Ethylbenzene
Concen: 42.851 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX025229.D
Acq: 18 Nov 2021 23:05

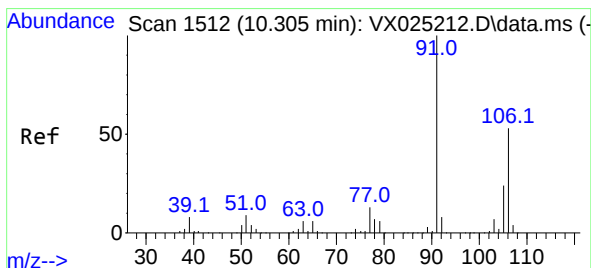
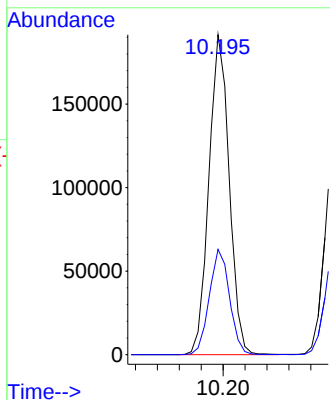
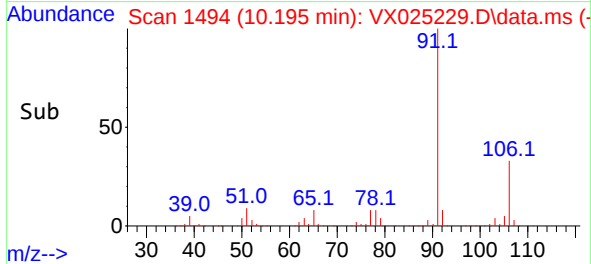
Instrument :
MSVOA_X
ClientSampleId :
H0AB5MSD



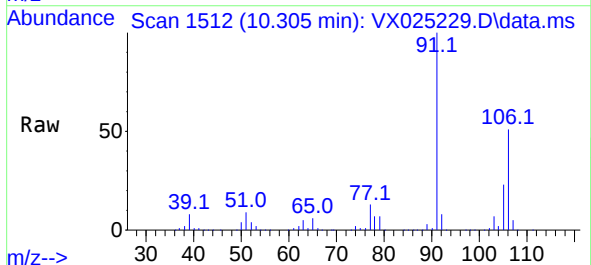
Tgt Ion: 91 Resp: 24594
Ion Ratio Lower Upper
91 100
106 32.9 20.2 37.6

Manual Integrations
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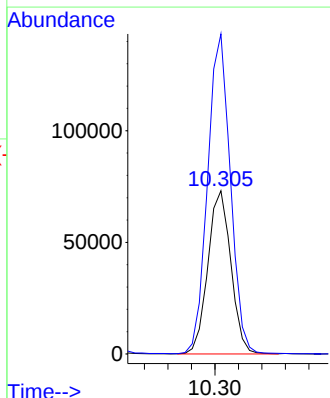
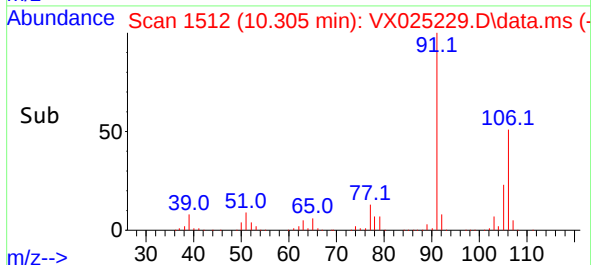
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/22/2021

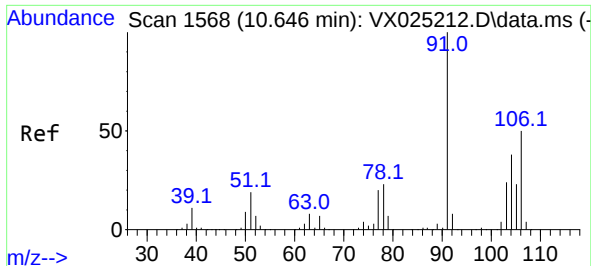


#53
m,p-Xylene
Concen: 42.949 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX025229.D
Acq: 18 Nov 2021 23:05



Tgt Ion:106 Resp: 99663
Ion Ratio Lower Upper
106 100
91 196.0 160.2 297.6





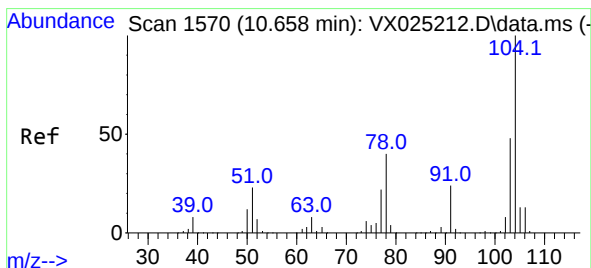
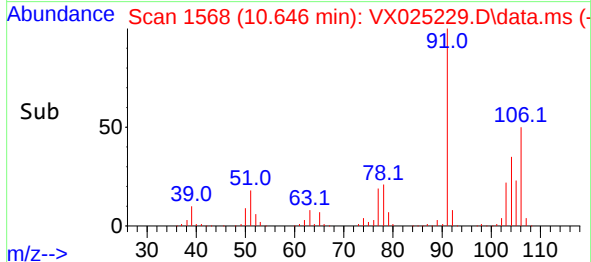
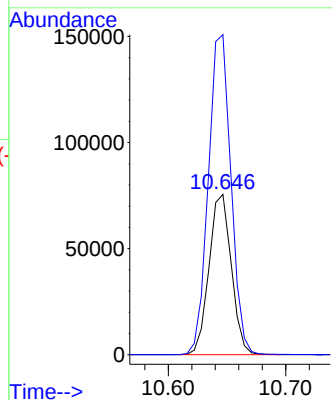
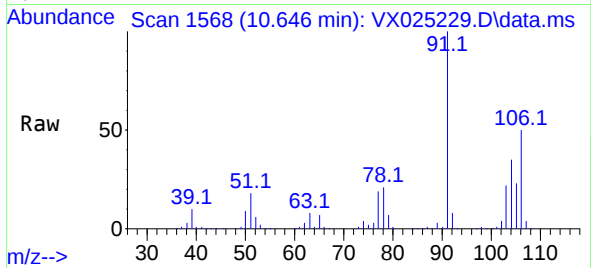
#54
o-Xylene
Concen: 43.579 ug/L
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX025229.D
Acq: 18 Nov 2021 23:05

Instrument :
MSVOA_X
ClientSampleId :
H0AB5MSD

Tgt Ion:106 Resp: 99788
Ion Ratio Lower Upper
106 100
91 199.5 164.4 305.4

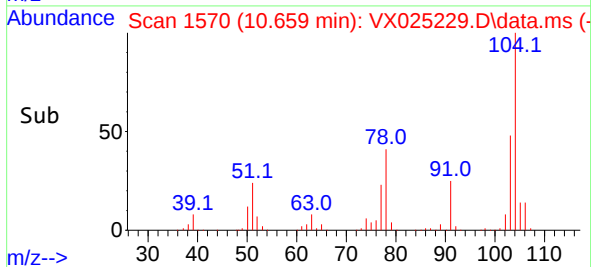
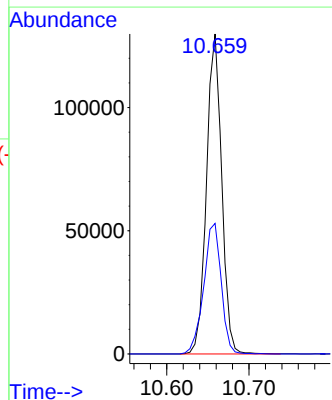
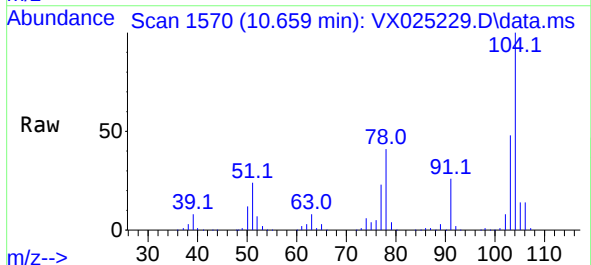
Manual Integrations
APPROVED

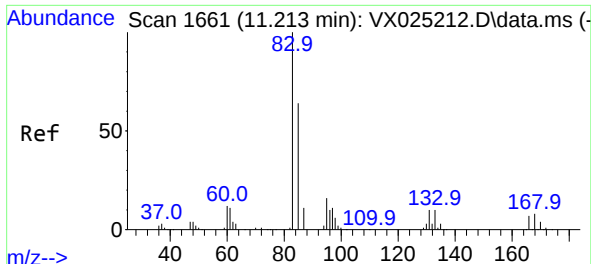
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/22/2021



#55
Styrene
Concen: 42.871 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX025229.D
Acq: 18 Nov 2021 23:05

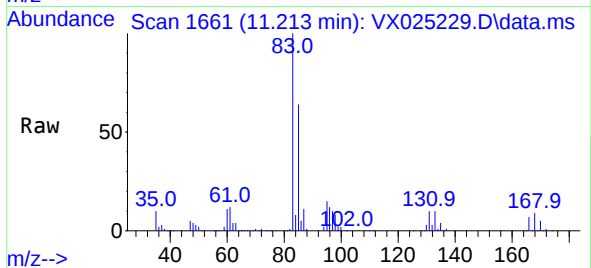
Tgt Ion:104 Resp: 166692
Ion Ratio Lower Upper
104 100
78 40.8 38.2 71.0





#57
1,1,2,2-Tetrachloroethane
Concen: 43.547 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX025229.D
Acq: 18 Nov 2021 23:05

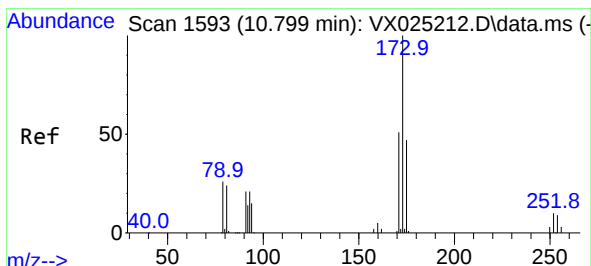
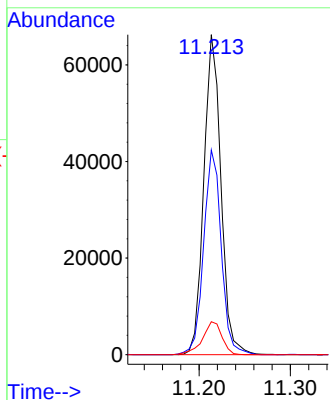
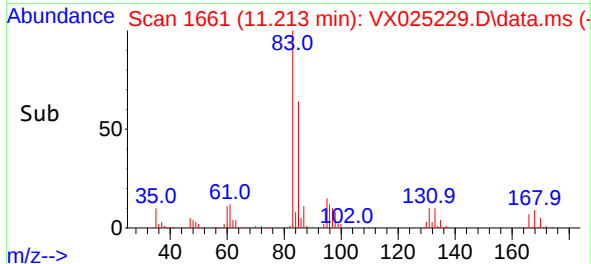
Instrument :
MSVOA_X
ClientSampleId :
H0AB5MSD



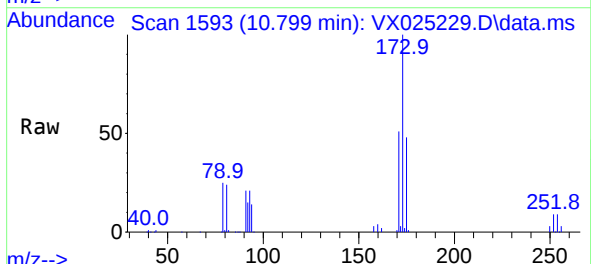
Tgt Ion: 83 Resp: 85974
Ion Ratio Lower Upper
83 100
85 63.9 46.9 87.1
131 10.3 8.7 13.1

Manual Integrations
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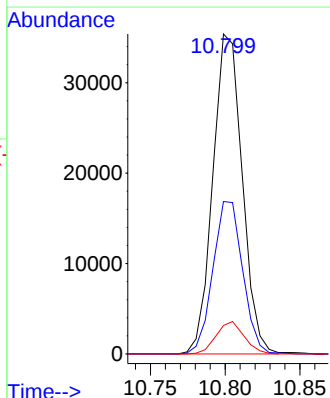
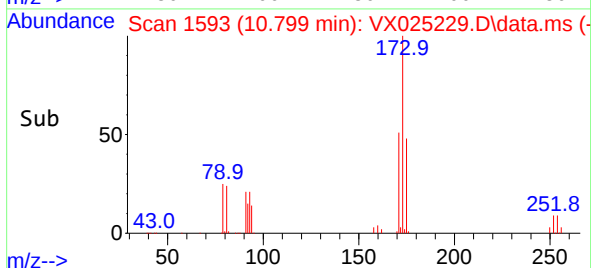
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/22/2021

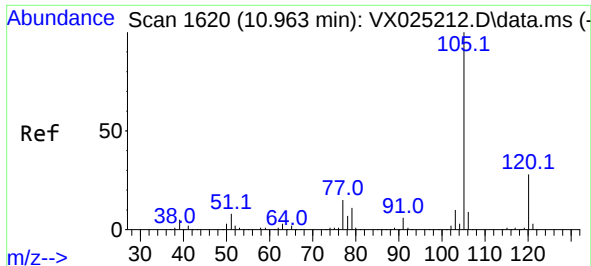


#59
Bromoform
Concen: 43.867 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX025229.D
Acq: 18 Nov 2021 23:05



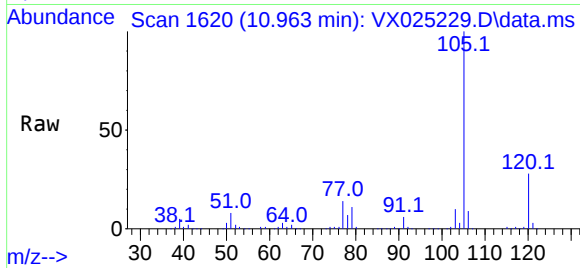
Tgt Ion:173 Resp: 48342
Ion Ratio Lower Upper
173 100
175 48.3 36.6 55.0
254 9.7 4.9 7.3#





#60
Isopropylbenzene
Concen: 43.523 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX025229.D
Acq: 18 Nov 2021 23:05

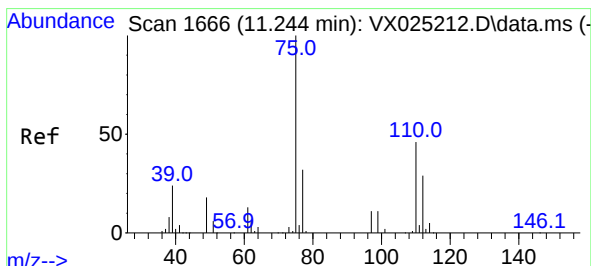
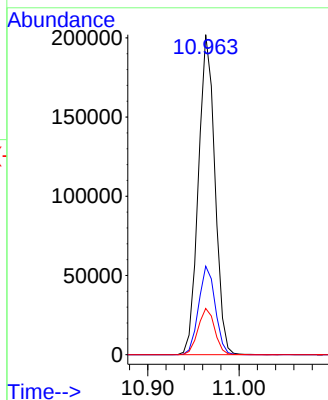
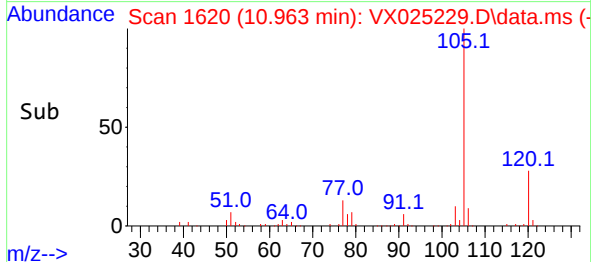
Instrument :
MSVOA_X
ClientSampleId :
H0AB5MSD



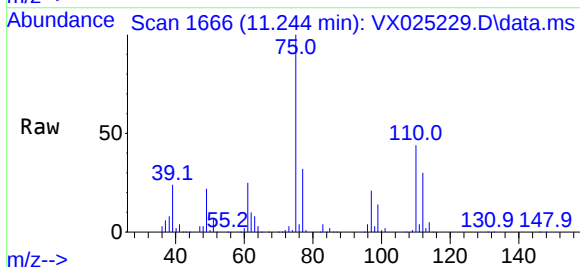
Tgt Ion:105 Resp: 25377
Ion Ratio Lower Upper
105 100
120 27.8 19.8 29.6
77 14.6 13.2 19.8

Manual Integrations
APPROVED

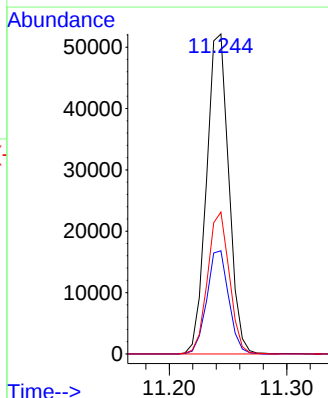
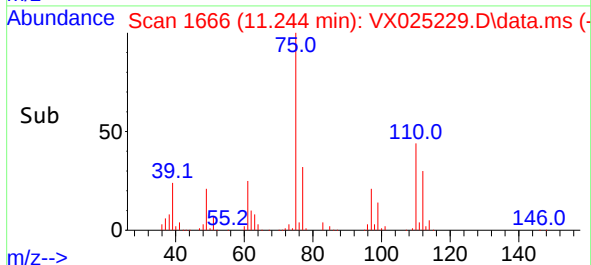
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/22/2021

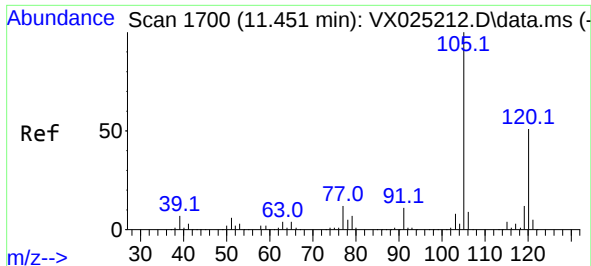


#61
1,2,3-Trichloropropane
Concen: 44.755 ug/L
RT: 11.244 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VX025229.D
Acq: 18 Nov 2021 23:05



Tgt Ion: 75 Resp: 68719
Ion Ratio Lower Upper
75 100
77 31.8 26.6 39.8
110 43.4 37.2 55.8





#62

1,3,5-Trimethylbenzene

Concen: 43.060 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX025229.D

Acq: 18 Nov 2021 23:05

Instrument :

MSVOA_X

ClientSampleId :

H0AB5MSD

Tgt Ion:105 Resp: 213020

Ion Ratio Lower Upper

105 100

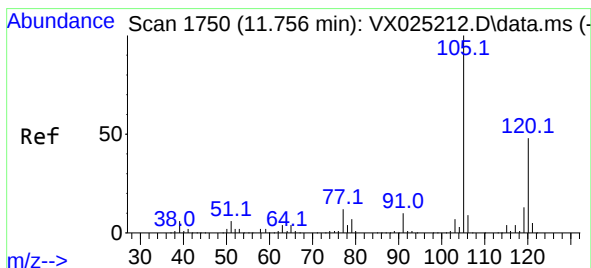
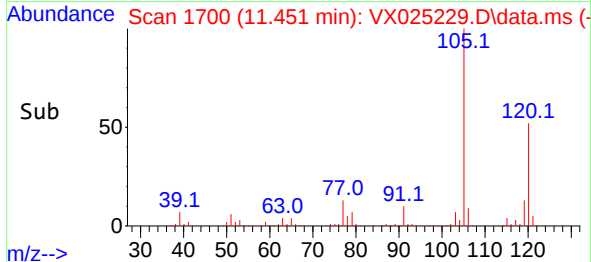
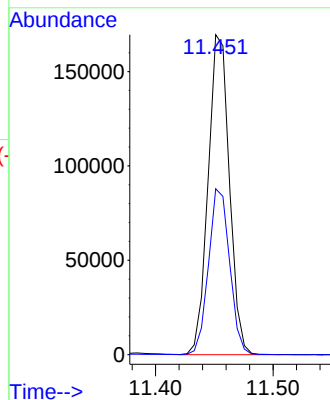
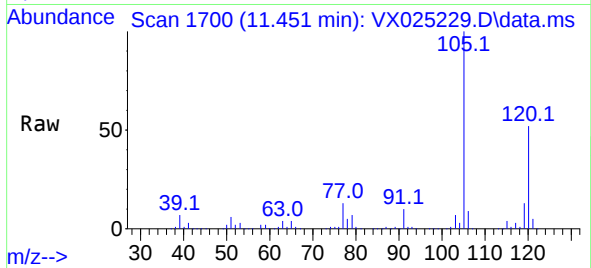
120 51.6 34.4 51.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/19/2021

Supervised By :Mahesh Dadoda 11/22/2021



#63

1,2,4-Trimethylbenzene

Concen: 43.878 ug/L m

RT: 11.756 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VX025229.D

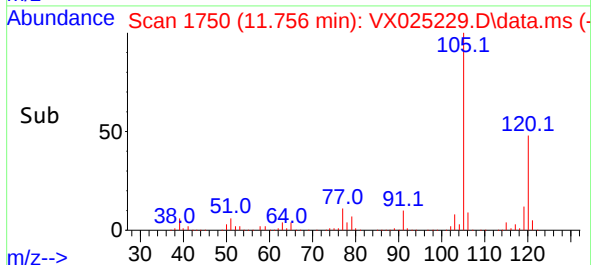
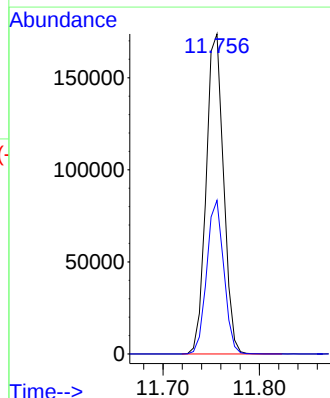
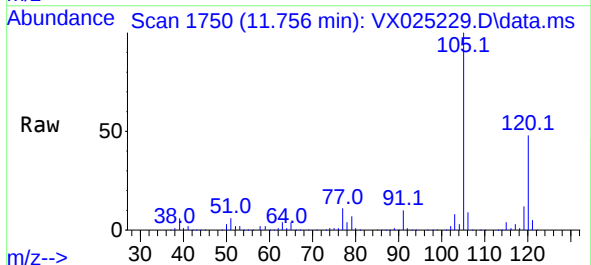
Acq: 18 Nov 2021 23:05

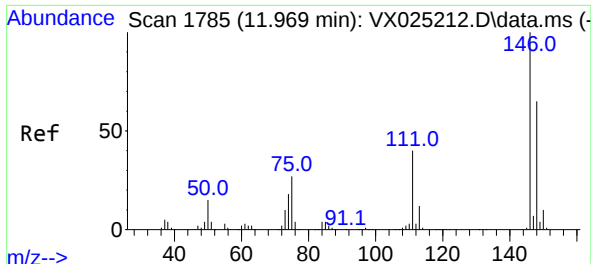
Tgt Ion:105 Resp: 217779

Ion Ratio Lower Upper

105 100

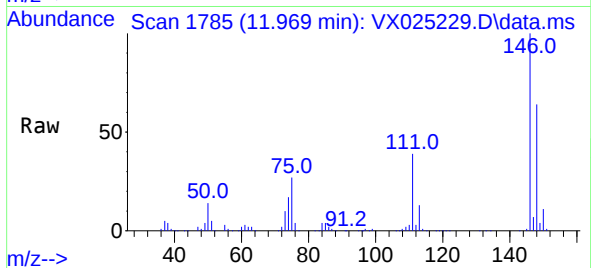
120 0.2 31.0 46.6#





#64
1,3-Dichlorobenzene
Concen: 45.012 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX025229.D
Acq: 18 Nov 2021 23:05

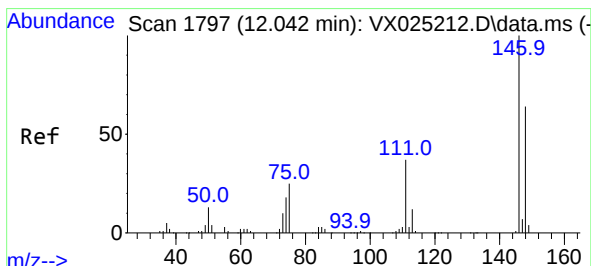
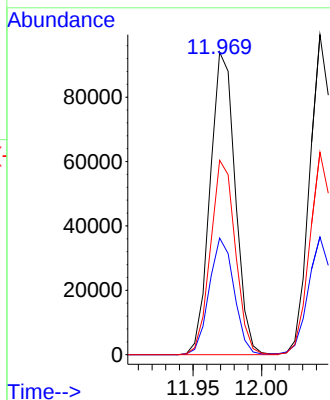
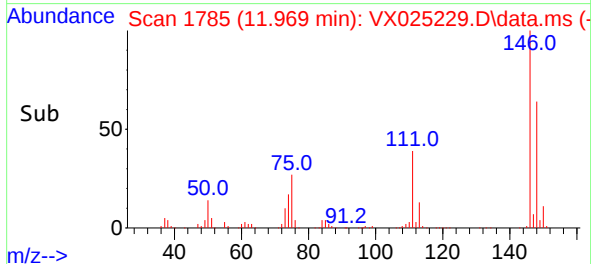
Instrument :
MSVOA_X
ClientSampleId :
H0AB5MSD



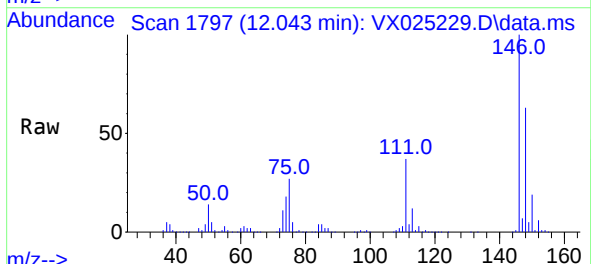
Tgt Ion:146 Resp: 11964
Ion Ratio Lower Upper
146 100
111 38.5 31.1 57.9
148 64.2 43.2 80.2

Manual Integrations
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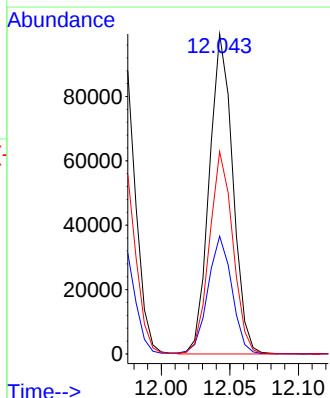
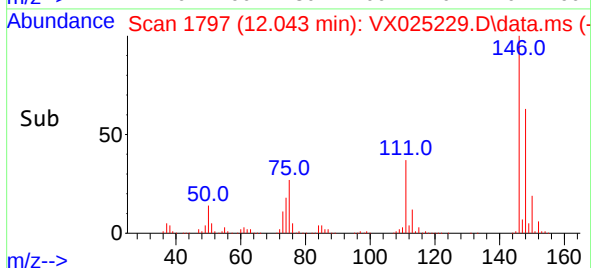
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/22/2021

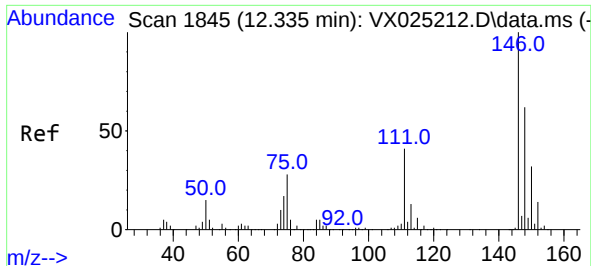


#65
1,4-Dichlorobenzene
Concen: 44.618 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX025229.D
Acq: 18 Nov 2021 23:05



Tgt Ion:146 Resp: 118487
Ion Ratio Lower Upper
146 100
111 36.8 31.8 59.0
148 63.2 46.1 85.5





#67

1,2-Dichlorobenzene

Concen: 45.179 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX025229.D

Acq: 18 Nov 2021 23:05

Instrument :

MSVOA_X

ClientSampleId :

H0AB5MSD

Tgt Ion:146 Resp: 119270

Ion Ratio Lower Upper

146 100

111 40.7 38.5 57.7

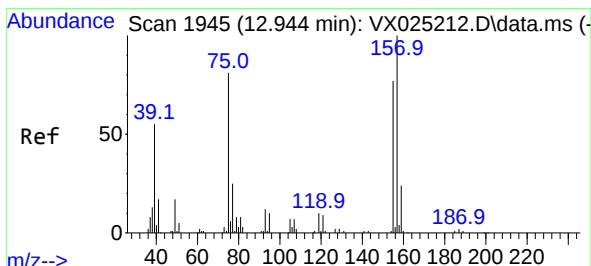
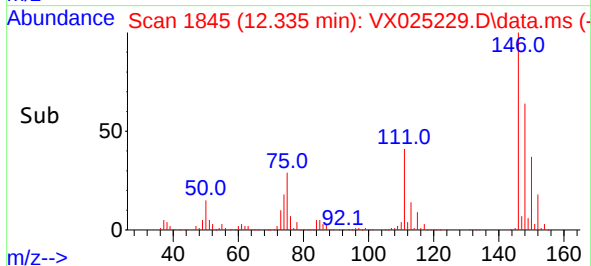
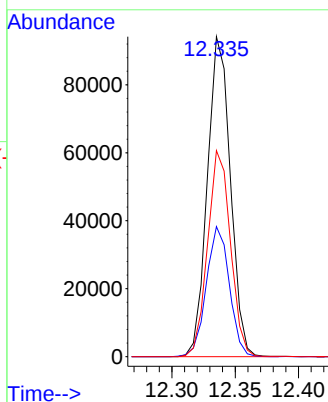
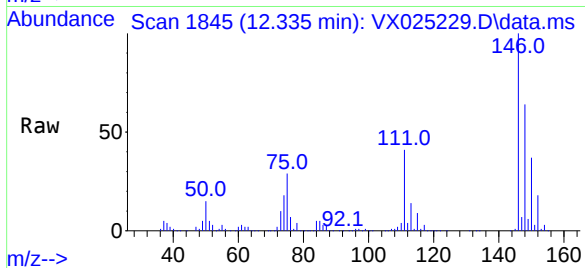
148 64.4 53.2 79.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/19/2021

Supervised By :Mahesh Dadoda 11/22/2021



#68

1,2-Dibromo-3-chloropropane

Concen: 42.681 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VX025229.D

Acq: 18 Nov 2021 23:05

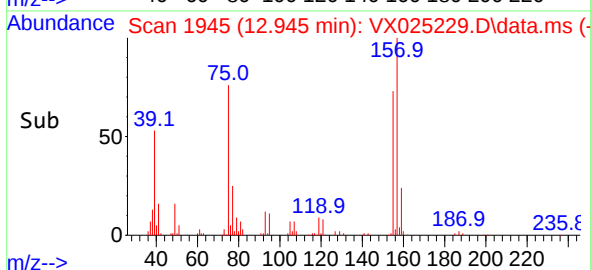
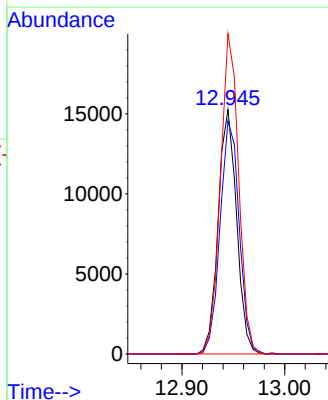
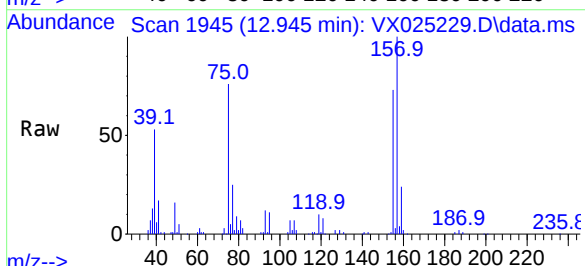
Tgt Ion: 75 Resp: 18954

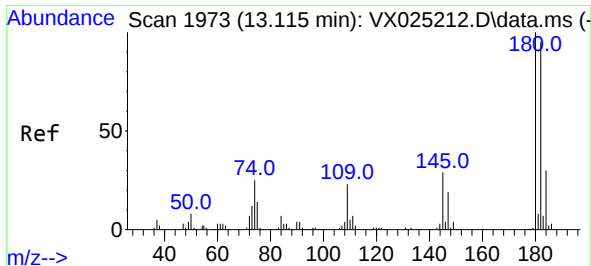
Ion Ratio Lower Upper

75 100

155 95.3 59.3 88.9#

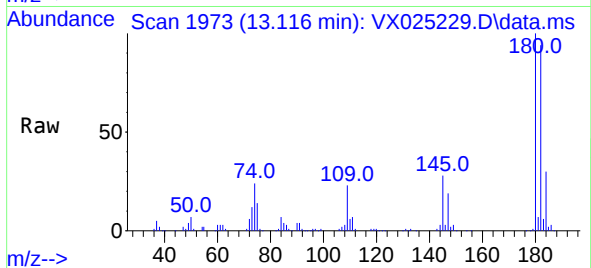
157 130.9 68.7 103.1#





#69
1,3,5-Trichlorobenzene
Concen: 45.014 ug/L
RT: 13.116 min Scan# 1973
Delta R.T. 0.000 min
Lab File: VX025229.D
Acq: 18 Nov 2021 23:05

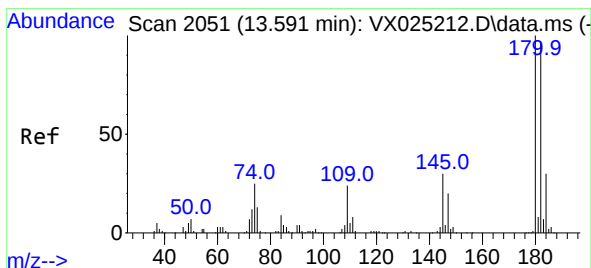
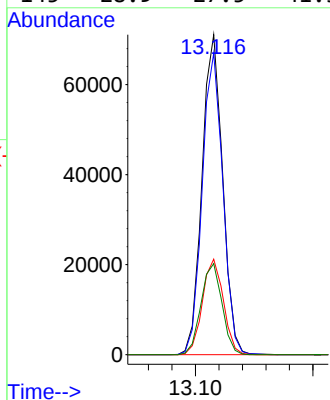
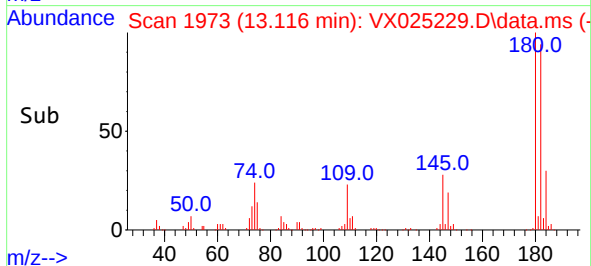
Instrument :
MSVOA_X
ClientSampleId :
H0AB5MSD



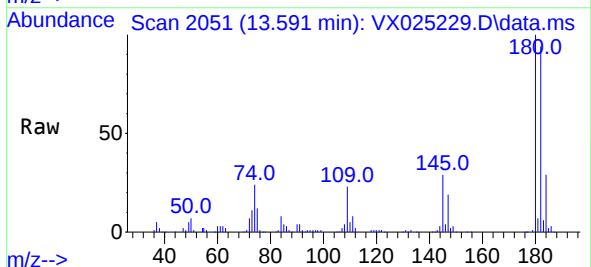
Tgt Ion:180 Resp: 86560
Ion Ratio Lower Upper
180 100
182 94.1 74.2 111.4
184 30.4 23.7 35.5
145 28.9 27.5 41.3

Manual Integrations
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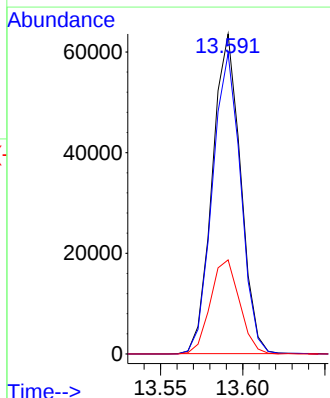
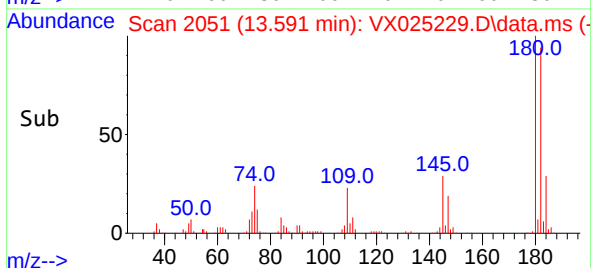
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/22/2021

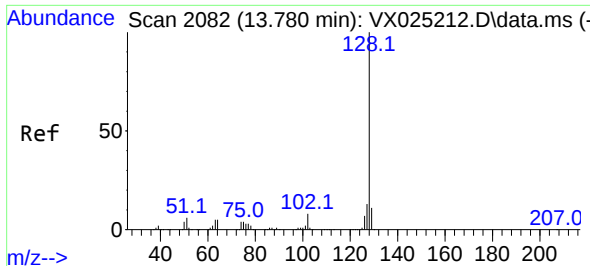


#70
1,2,4-trichlorobenzene
Concen: 45.179 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX025229.D
Acq: 18 Nov 2021 23:05



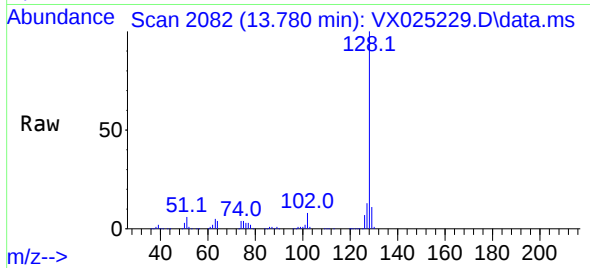
Tgt Ion:180 Resp: 75782
Ion Ratio Lower Upper
180 100
182 94.3 76.4 114.6
145 30.5 28.8 43.2





#71
Naphthalene
Concen: 46.292 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX025229.D
Acq: 18 Nov 2021 23:05

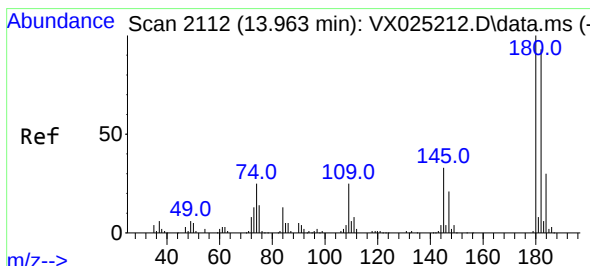
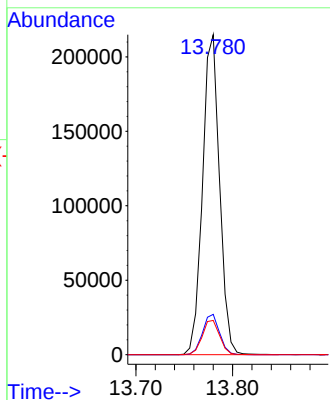
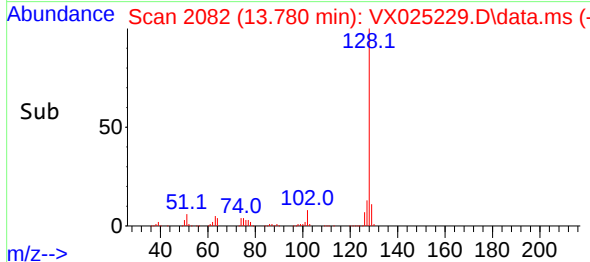
Instrument :
MSVOA_X
ClientSampleId :
H0AB5MSD



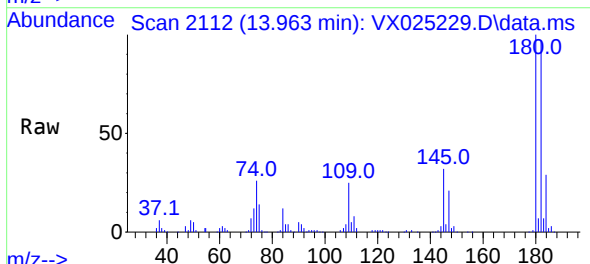
Tgt Ion:128 Resp: 263310
Ion Ratio Lower Upper
128 100
127 12.6 10.6 15.8
129 11.0 9.1 13.7

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/22/2021



#72
1,2,3-Trichlorobenzene
Concen: 45.941 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX025229.D
Acq: 18 Nov 2021 23:05



Tgt Ion:180 Resp: 76395
Ion Ratio Lower Upper
180 100
182 95.1 73.3 109.9
145 32.0 29.0 43.4

