

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122021\
 Data File : VX025912.D
 Acq On : 20 Dec 2021 13:22
 Operator : JC/MD
 Sample : VSTD05045
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 20 14:13:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122021WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 20 14:11:27 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	164564	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	170161	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	87857	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	56600	43.322	ug/L	0.00
7) Chloroethane-d5	1.660	69	52333	47.541	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.306	63	100468	44.796	ug/L	0.00
21) 2-Butanone-d5	4.459	46	101757	105.718	ug/L	0.00
24) Chloroform-d	5.062	84	126626	49.684	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	84632	49.521	ug/L	0.00
32) Benzene-d6	5.977	84	243471	47.430	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	75324	47.901	ug/L	0.00
41) Toluene-d8	8.653	98	230803	47.810	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	34256	53.480	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	73116	110.059	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	111954	51.146	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	90376	48.572	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	50273	37.852	ug/L	99
3) Chloromethane	1.294	50	68414	46.749	ug/L	96
5) Vinyl chloride	1.374	62	64089	44.583	ug/L	99
6) Bromomethane	1.599	94	52580	47.806	ug/L	99
8) Chloroethane	1.685	64	45206	46.162	ug/L	95
9) Trichlorofluoromethane	1.886	101	86912	41.531	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	38679	38.310	ug/L	89
12) 1,1-Dichloroethene	2.319	96	44484	45.062	ug/L	76
13) Acetone	2.380	43	80211	101.555	ug/L	94
14) Carbon disulfide	2.514	76	130552	46.115	ug/L	99
15) Methyl Acetate	2.703	43	71751	51.034	ug/L #	90
16) Methylene chloride	2.794	84	64667	48.056	ug/L	95
17) trans-1,2-Dichloroethene	3.093	96	56220	47.004	ug/L	93
18) Methyl tert-butyl Ether	3.117	73	198997	51.110	ug/L	98
19) 1,1-Dichloroethane	3.617	63	108567	50.203	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	66644	49.010	ug/L	94
22) 2-Butanone	4.562	43	114134	103.997	ug/L	97
23) Bromochloromethane	4.904	128	36516	59.361	ug/L	91
25) Chloroform	5.099	83	118558	49.388	ug/L	96
27) 1,2-Dichloroethane	6.086	62	97823	50.362	ug/L	97
29) Cyclohexane	5.471	56	72274	39.222	ug/L	97
30) 1,1,1-Trichloroethane	5.385	97	91813	45.742	ug/L	97
31) Carbon tetrachloride	5.678	117	74291	50.685	ug/L	99
33) Benzene	6.044	78	251591	47.642	ug/L	100
34) Trichloroethene	7.129	95	63061	46.314	ug/L	93
35) Methylcyclohexane	7.385	83	69128	38.249	ug/L	97
37) 1,2-Dichloropropane	7.434	63	64832	49.525	ug/L	99
38) Bromodichloromethane	7.824	83	88641	50.949	ug/L	97
39) cis-1,3-Dichloropropene	8.366	75	97511	53.819	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	209177	105.651	ug/L	97
42) Toluene	8.720	91	275112	48.870	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	93642	56.391	ug/L	96

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122021WMA.M
 Quant Title : VOC Analysis
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 Response via : Initial Calibration

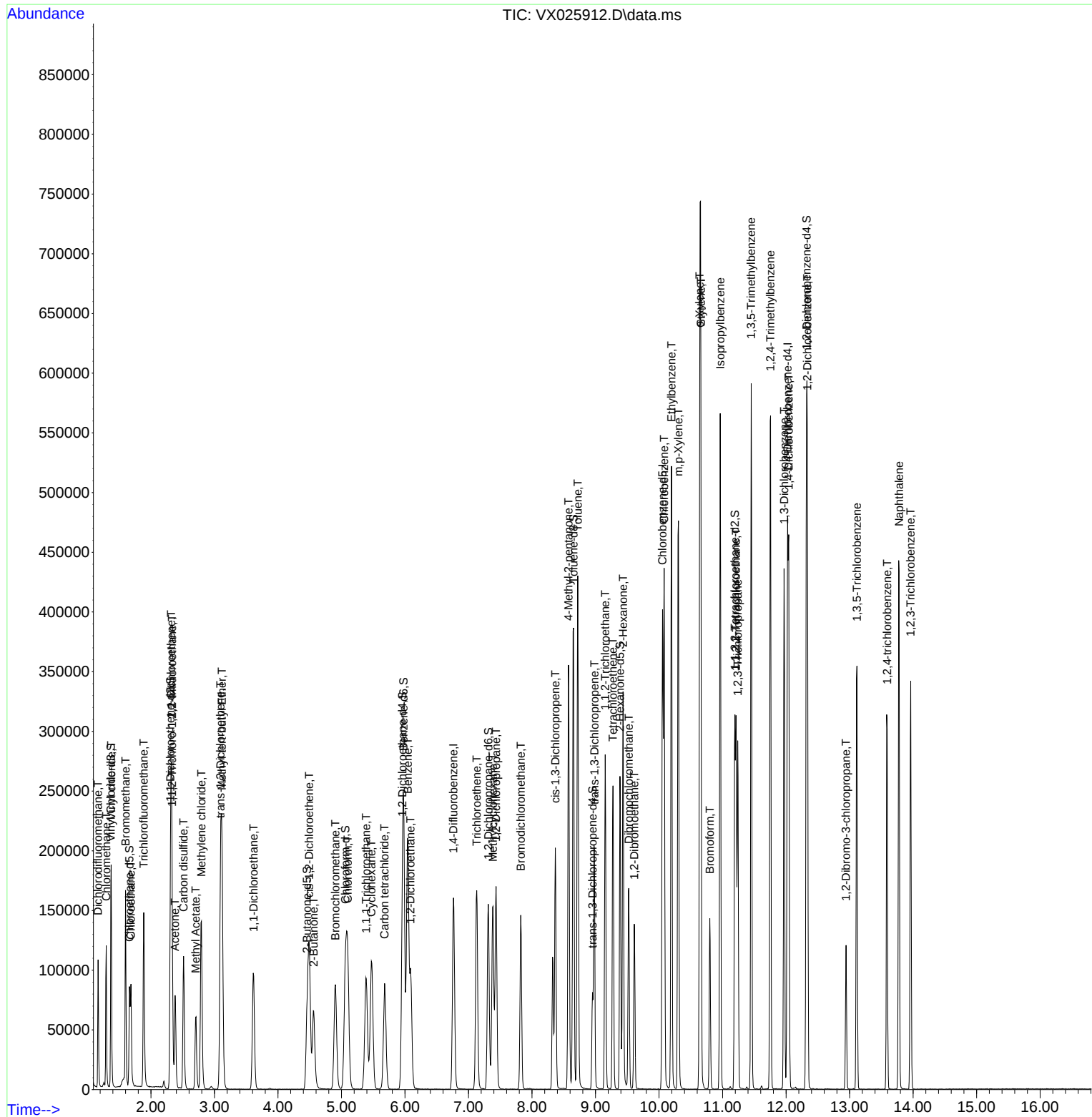
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	68899	50.291	ug/L	97
46) Tetrachloroethene	9.275	164	46237	45.858	ug/L	96
48) 2-Hexanone	9.433	43	169255	104.998	ug/L	98
49) Dibromochloromethane	9.525	129	72558	53.440	ug/L	97
50) 1,2-Dibromoethane	9.610	107	72855	51.170	ug/L	97
51) Chlorobenzene	10.079	112	182883	49.526	ug/L	99
52) Ethylbenzene	10.195	91	293742	49.439	ug/L	97
53) m,p-Xylene	10.305	106	117382	50.026	ug/L	97
54) o-Xylene	10.640	106	116963	51.191	ug/L	92
55) Styrene	10.659	104	201709	53.431	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.213	83	108593	50.950	ug/L	97
59) Bromoform	10.799	173	49863	54.895	ug/L	99
60) Isopropylbenzene	10.963	105	281060	46.517	ug/L	98
61) 1,2,3-Trichloropropane	11.238	75	86977	47.385	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	247054	48.756	ug/L	97
63) 1,2,4-Trimethylbenzene	11.756	105	251716	49.370	ug/L #	80
64) 1,3-Dichlorobenzene	11.969	146	135339	48.199	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	135903	47.824	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	137707	48.363	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.945	75	21045	53.260	ug/L	90
69) 1,3,5-Trichlorobenzene	13.116	180	84824	48.565	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	72299	53.342	ug/L	96
71) Naphthalene	13.780	128	274880	61.033	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	74732	55.334	ug/L	97

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

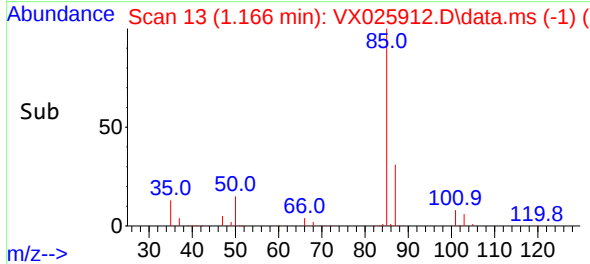
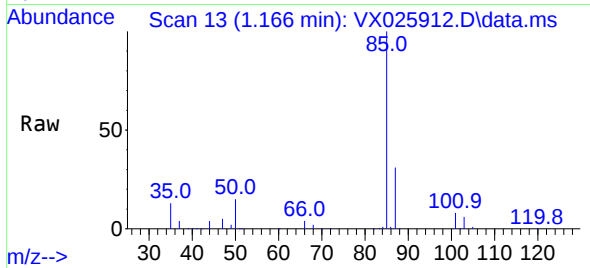
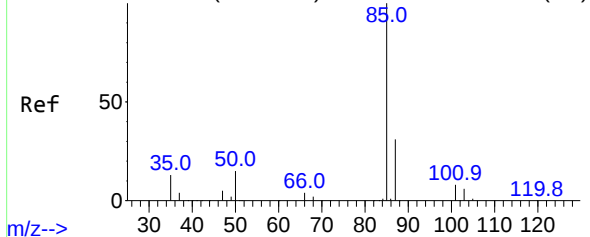
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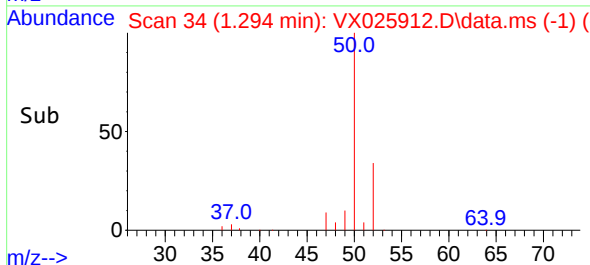
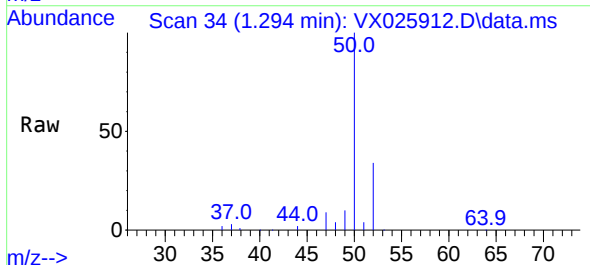
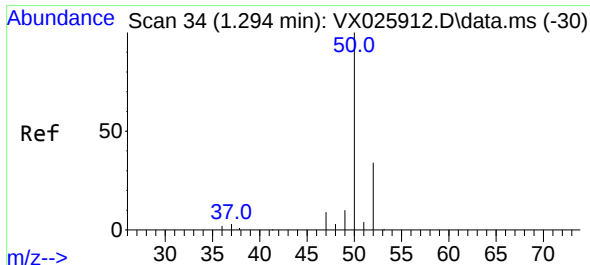
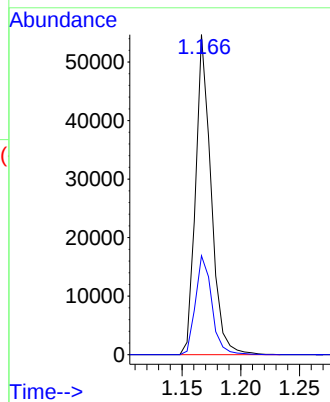
Abundance Scan 13 (1.166 min): VX025912.D\data.ms (-10)



#2
Dichlorodifluoromethane
Concen: 37.852 ug/L
RT: 1.166 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025912.D
Acq: 20 Dec 2021 13:22

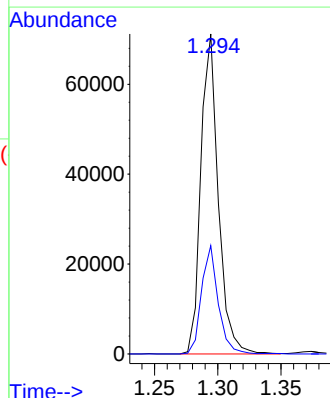
Instrument :
MSVOA_X
ClientSampleId :

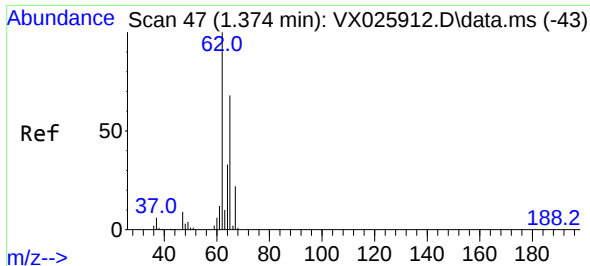
Tgt Ion: 85 Resp: 50273
Ion Ratio Lower Upper
85 100
87 32.6 25.8 38.6



#3
Chloromethane
Concen: 46.749 ug/L
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX025912.D
Acq: 20 Dec 2021 13:22

Tgt Ion: 50 Resp: 68414
Ion Ratio Lower Upper
50 100
52 33.9 22.0 40.8

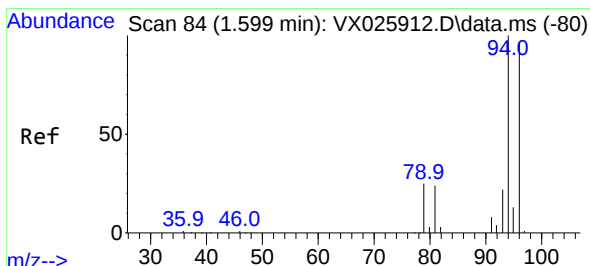
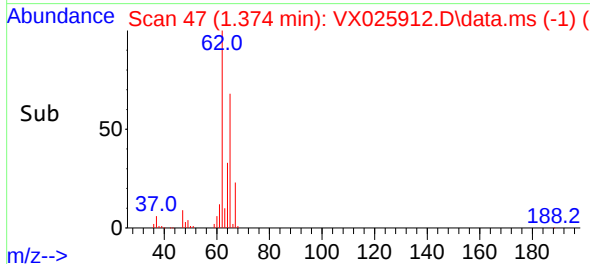
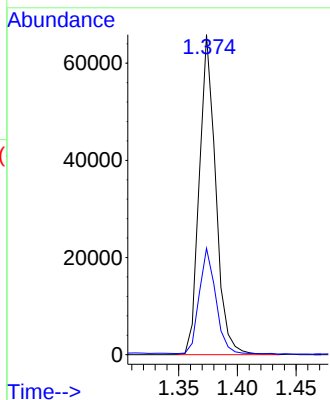
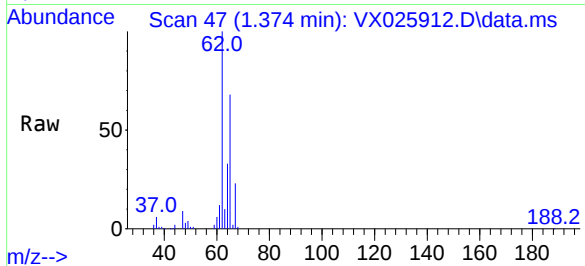




#5
 Vinyl chloride
 Concen: 44.583 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX025912.D
 Acq: 20 Dec 2021 13:22

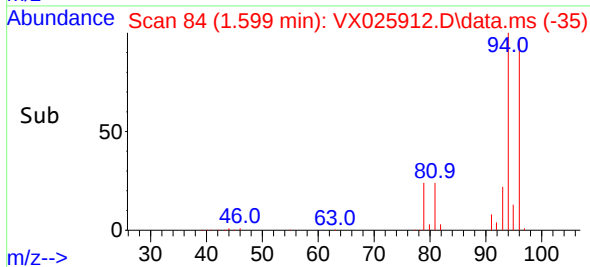
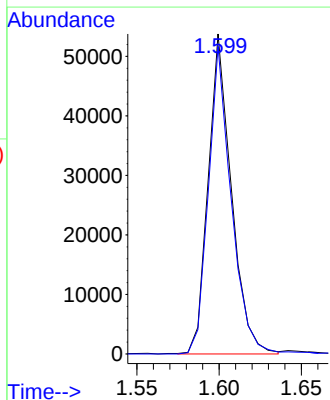
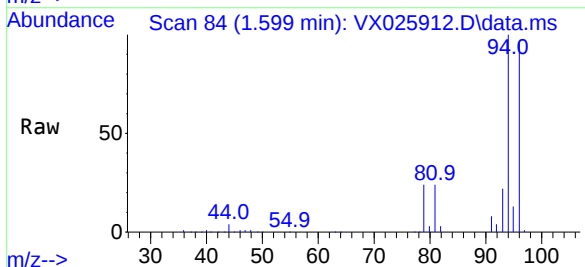
Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 62 Resp: 64089
 Ion Ratio Lower Upper
 62 100
 64 33.3 22.9 42.5

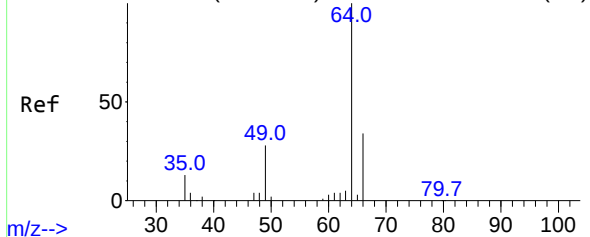


#6
 Bromomethane
 Concen: 47.806 ug/L
 RT: 1.599 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VX025912.D
 Acq: 20 Dec 2021 13:22

Tgt Ion: 94 Resp: 52580
 Ion Ratio Lower Upper
 94 100
 96 96.2 66.7 123.9



Abundance Scan 98 (1.685 min): VX025912.D\data.ms (-93)



#8

Chloroethane

Concen: 46.162 ug/L

RT: 1.685 min Scan# 98

Delta R.T. 0.000 min

Lab File: VX025912.D

Acq: 20 Dec 2021 13:22

Instrument :

MSVOA_X

ClientSampleId :

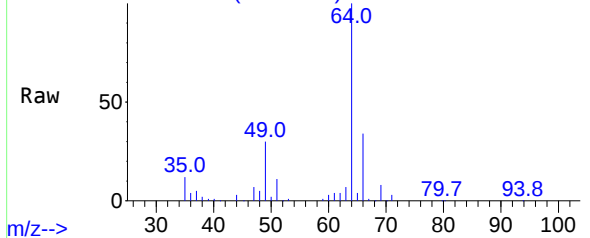
Tgt Ion: 64 Resp: 45206

Ion Ratio Lower Upper

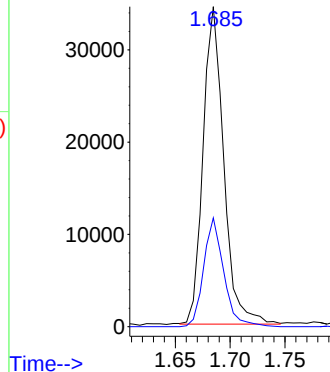
64 100

66 34.0 22.0 40.8

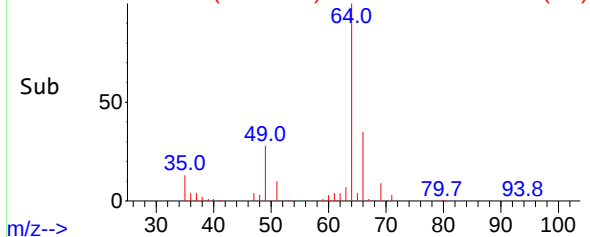
Abundance Scan 98 (1.685 min): VX025912.D\data.ms



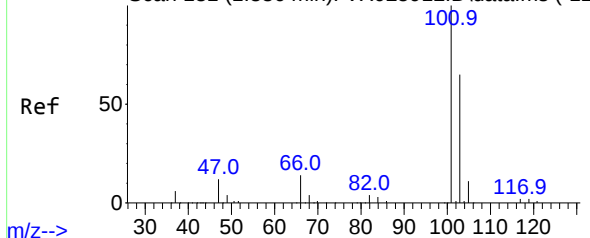
Abundance



Abundance Scan 98 (1.685 min): VX025912.D\data.ms (-32)



Abundance Scan 131 (1.886 min): VX025912.D\data.ms (-12)



#9

Trichlorofluoromethane

Concen: 41.531 ug/L

RT: 1.886 min Scan# 131

Delta R.T. 0.000 min

Lab File: VX025912.D

Acq: 20 Dec 2021 13:22

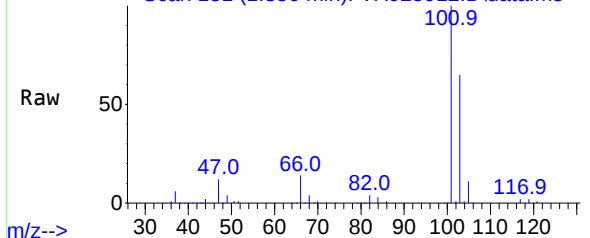
Tgt Ion: 101 Resp: 86912

Ion Ratio Lower Upper

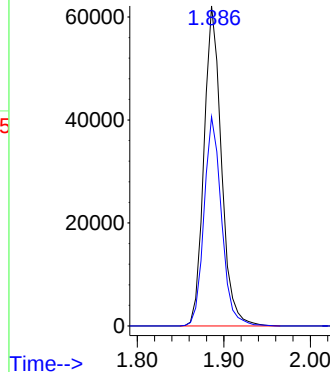
101 100

103 65.6 52.2 78.2

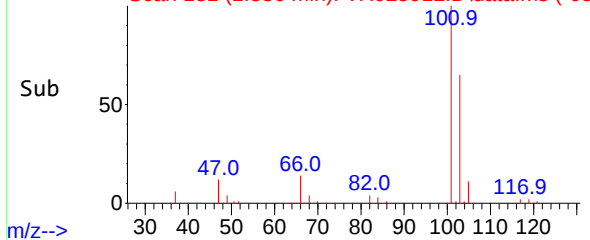
Abundance Scan 131 (1.886 min): VX025912.D\data.ms

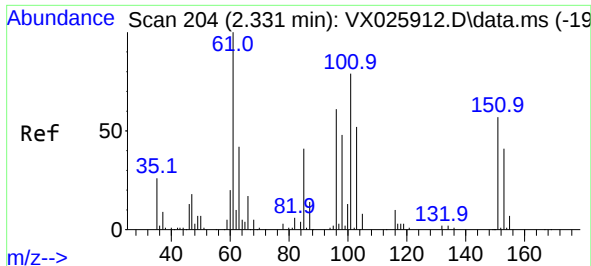


Abundance



Abundance Scan 131 (1.886 min): VX025912.D\data.ms (-65)





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 38.310 ug/L

RT: 2.331 min Scan# 204

Delta R.T. 0.000 min

Lab File: VX025912.D

Acq: 20 Dec 2021 13:22

Instrument :

MSVOA_X

ClientSampleId :

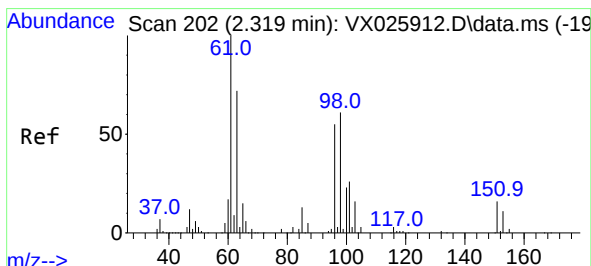
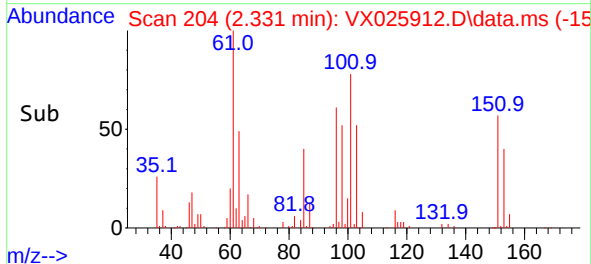
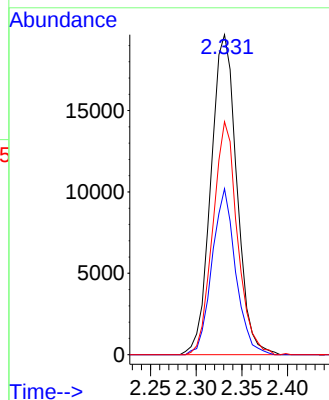
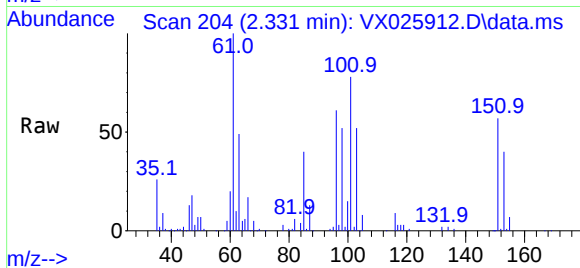
Tgt Ion:101 Resp: 38679

Ion Ratio Lower Upper

101 100

85 47.4 34.3 51.5

151 69.3 65.2 97.8



#12

1,1-Dichloroethene

Concen: 45.062 ug/L

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX025912.D

Acq: 20 Dec 2021 13:22

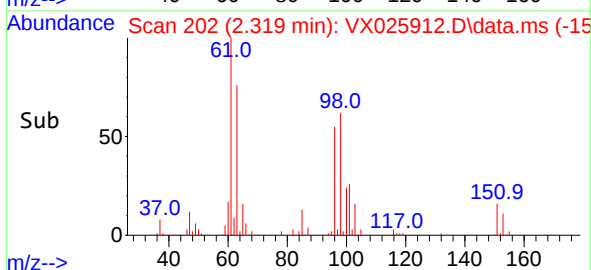
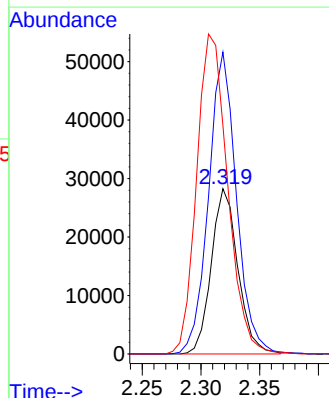
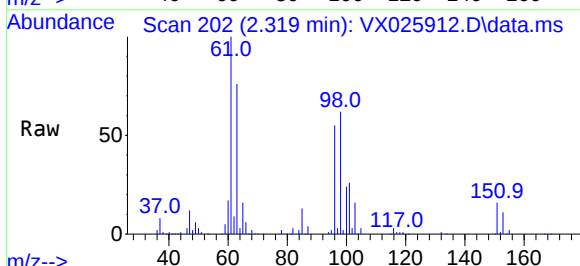
Tgt Ion: 96 Resp: 44484

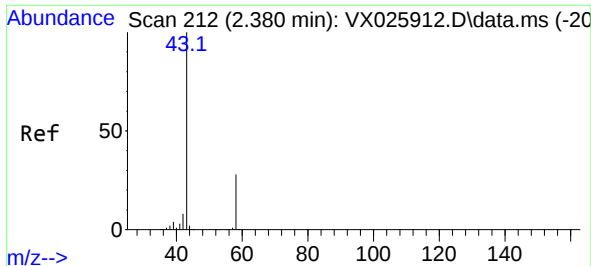
Ion Ratio Lower Upper

96 100

61 182.6 108.7 201.9

63 138.3 76.3 141.7





#13

Acetone

Concen: 101.555 ug/L

RT: 2.380 min Scan# 212

Delta R.T. 0.000 min

Lab File: VX025912.D

Acq: 20 Dec 2021 13:22

Instrument :

MSVOA_X

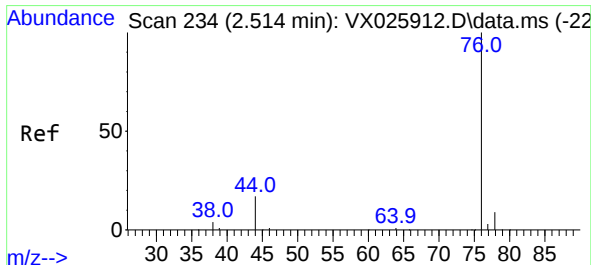
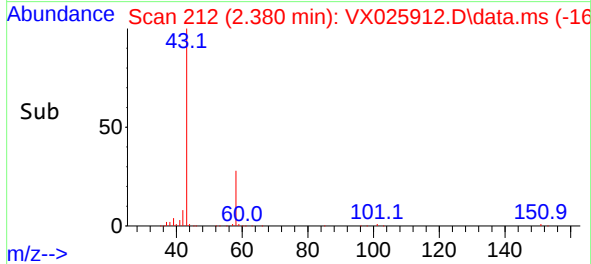
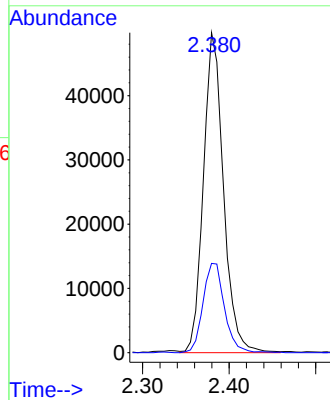
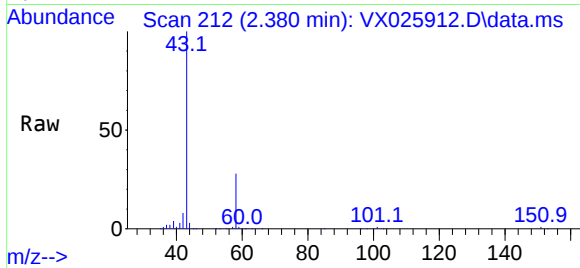
ClientSampleId :

Tgt Ion: 43 Resp: 80211

Ion Ratio Lower Upper

43 100

58 29.6 0.0 65.6



#14

Carbon disulfide

Concen: 46.115 ug/L

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX025912.D

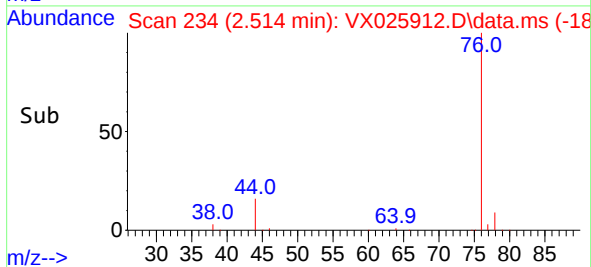
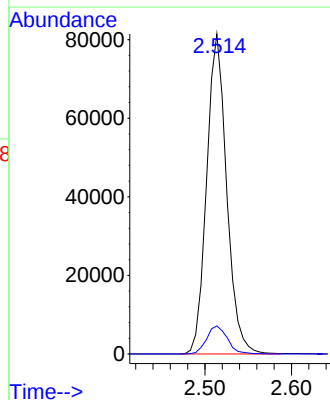
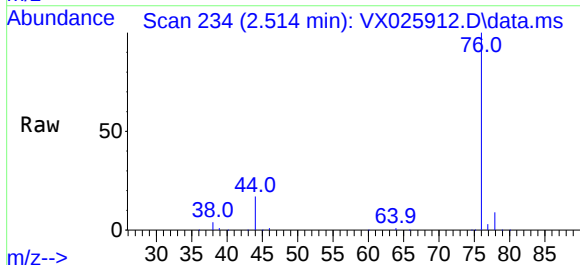
Acq: 20 Dec 2021 13:22

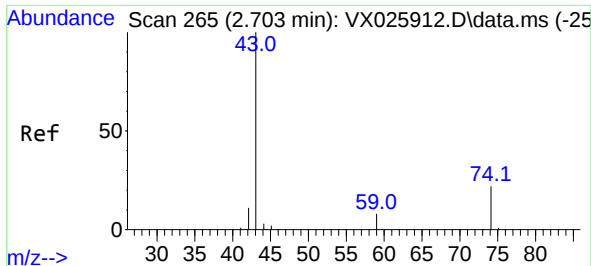
Tgt Ion: 76 Resp: 130552

Ion Ratio Lower Upper

76 100

78 8.8 7.4 11.2

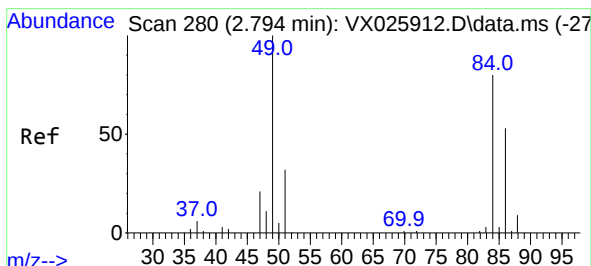
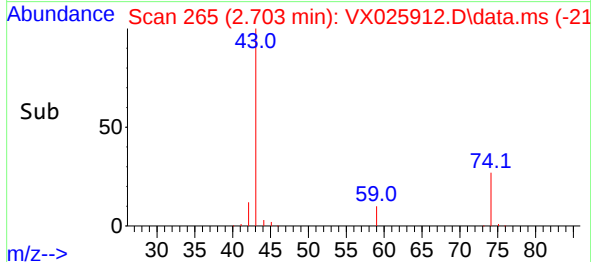
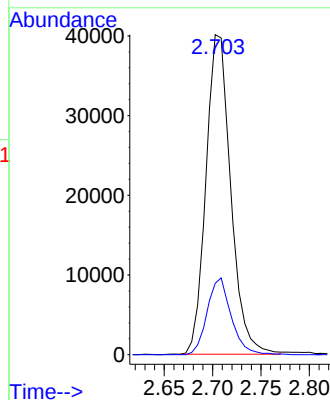
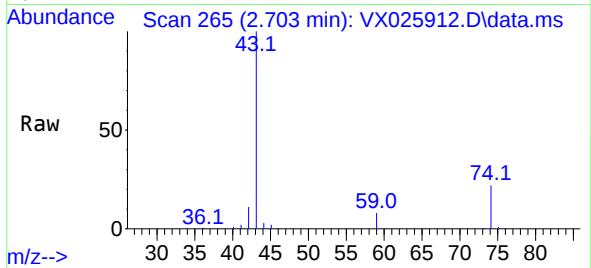




#15
Methyl Acetate
Concen: 51.034 ug/L
RT: 2.703 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX025912.D
Acq: 20 Dec 2021 13:22

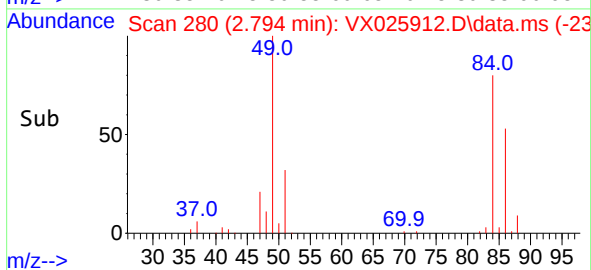
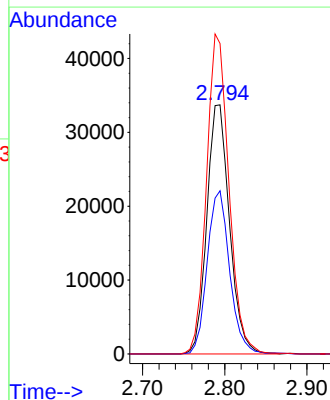
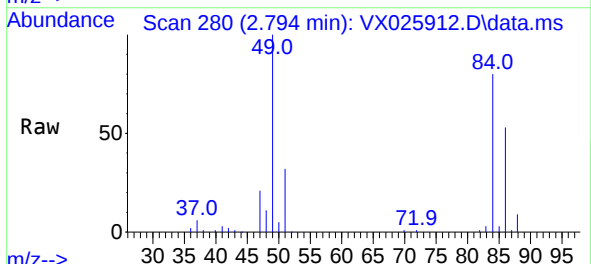
Instrument :
MSVOA_X
ClientSampleId :

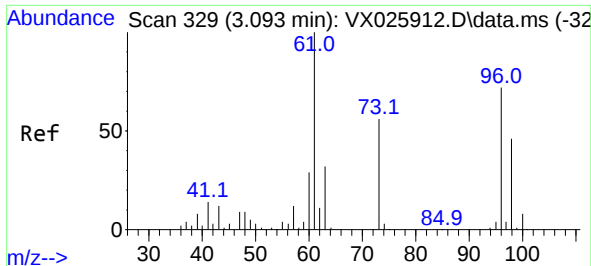
Tgt Ion: 43 Resp: 71751
Ion Ratio Lower Upper
43 100
74 23.2 0.1 0.1#



#16
Methylene chloride
Concen: 48.056 ug/L
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX025912.D
Acq: 20 Dec 2021 13:22

Tgt Ion: 84 Resp: 64667
Ion Ratio Lower Upper
84 100
86 65.5 45.1 83.9
49 124.6 82.3 152.8

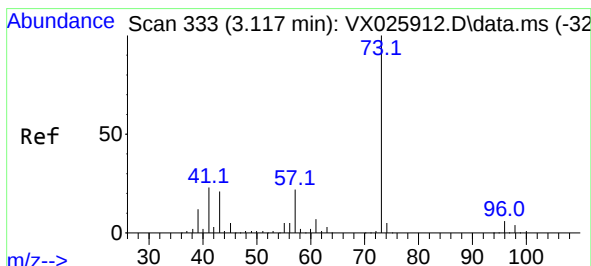
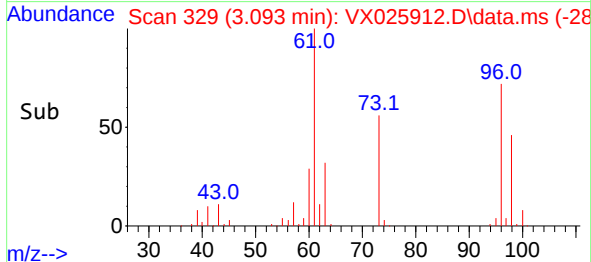
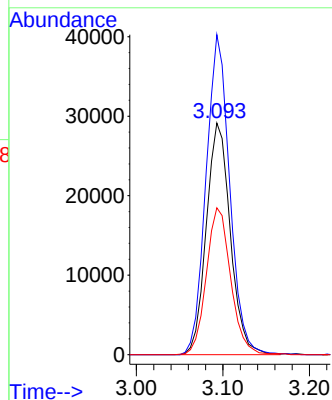
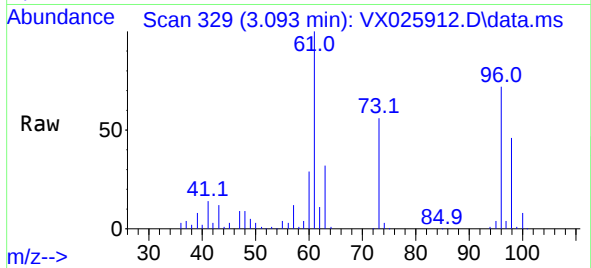




#17
trans-1,2-Dichloroethene
Concen: 47.004 ug/L
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX025912.D
Acq: 20 Dec 2021 13:22

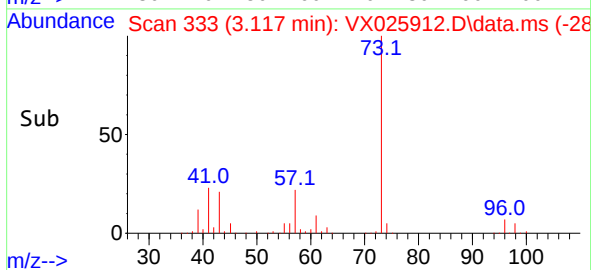
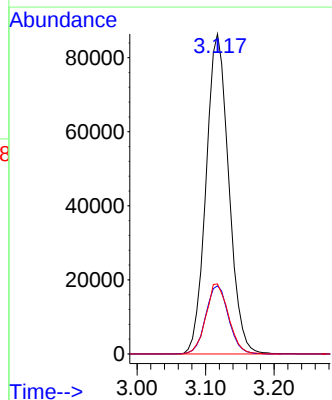
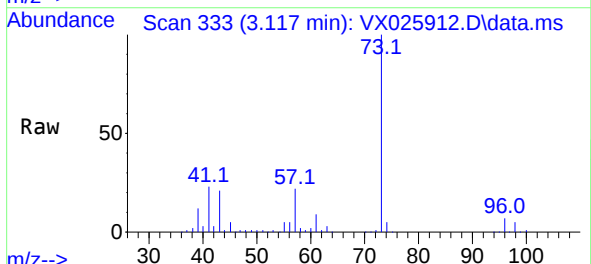
Instrument :
MSVOA_X
ClientSampleId :

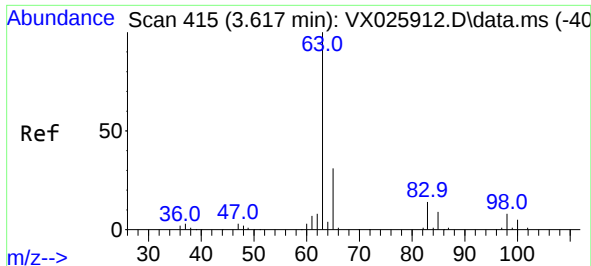
Tgt Ion: 96 Resp: 56220
Ion Ratio Lower Upper
96 100
61 138.1 88.5 164.4
98 63.4 44.3 82.3



#18
Methyl tert-butyl Ether
Concen: 51.110 ug/L
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX025912.D
Acq: 20 Dec 2021 13:22

Tgt Ion: 73 Resp: 198997
Ion Ratio Lower Upper
73 100
43 21.5 15.7 23.5
57 21.9 17.3 25.9





#19

1,1-Dichloroethane

Concen: 50.203 ug/L

RT: 3.617 min Scan# 415

Delta R.T. 0.000 min

Lab File: VX025912.D

Acq: 20 Dec 2021 13:22

Instrument :

MSVOA_X

ClientSampleId :

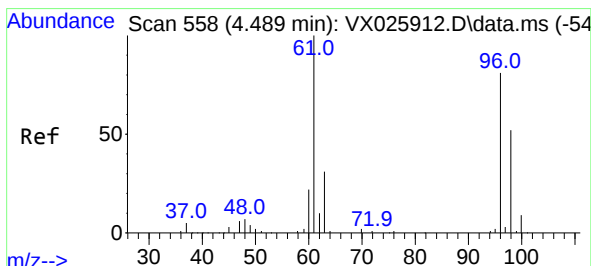
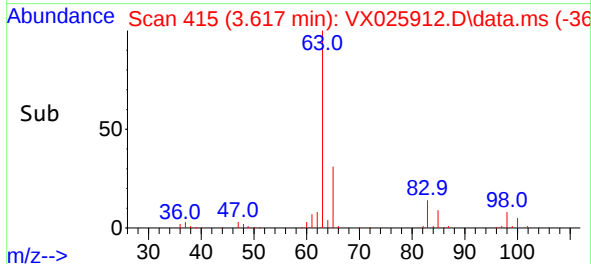
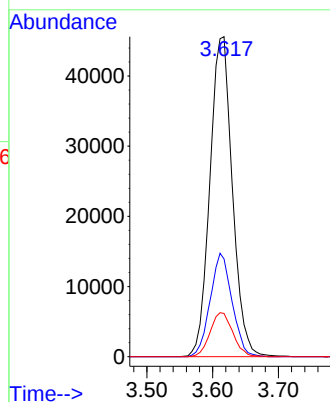
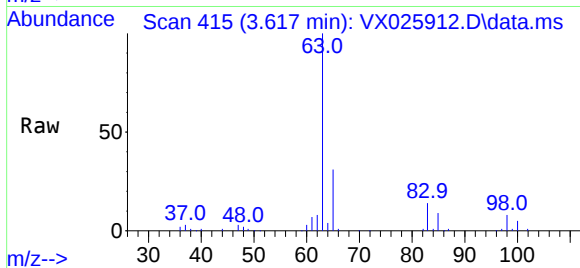
Tgt Ion: 63 Resp: 108567

Ion Ratio Lower Upper

63 100

65 30.6 22.2 41.2

83 13.5 10.2 19.0



#20

cis-1,2-Dichloroethene

Concen: 49.010 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX025912.D

Acq: 20 Dec 2021 13:22

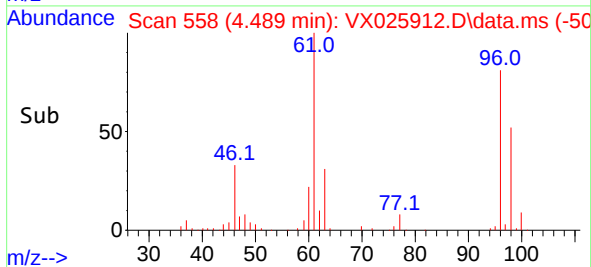
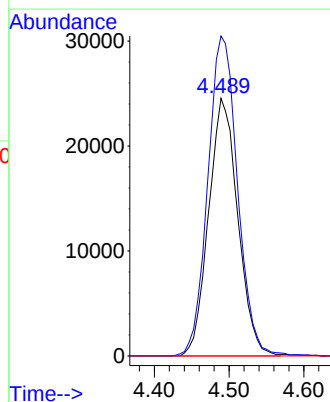
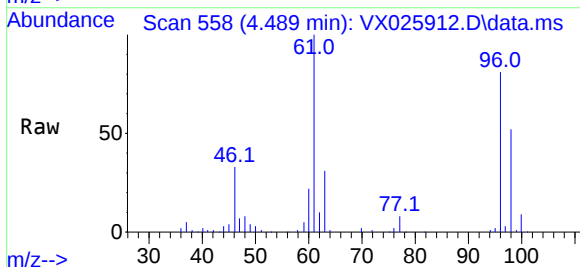
Tgt Ion: 96 Resp: 66644

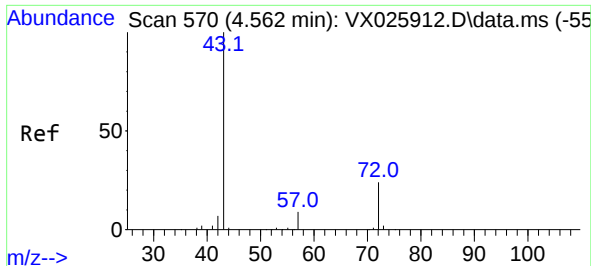
Ion Ratio Lower Upper

96 100

61 124.2 82.3 152.8

68 0.0 0.0 0.0

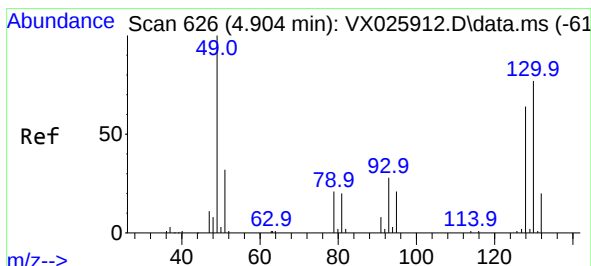
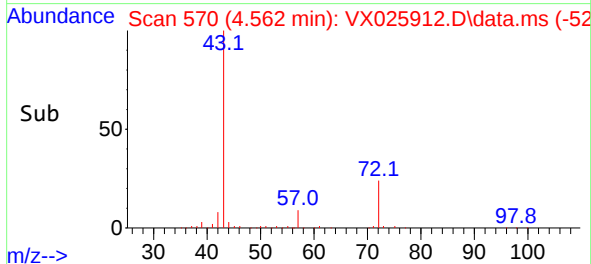
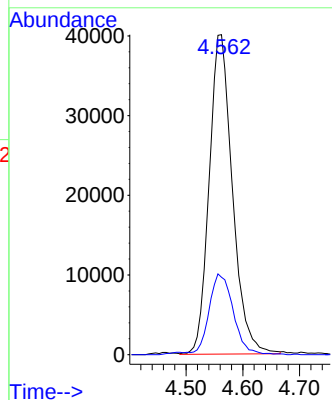
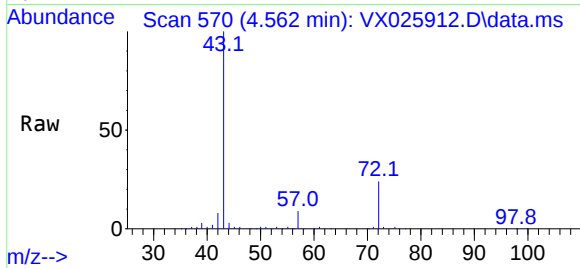




#22
2-Butanone
Concen: 103.997 ug/L
RT: 4.562 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX025912.D
Acq: 20 Dec 2021 13:22

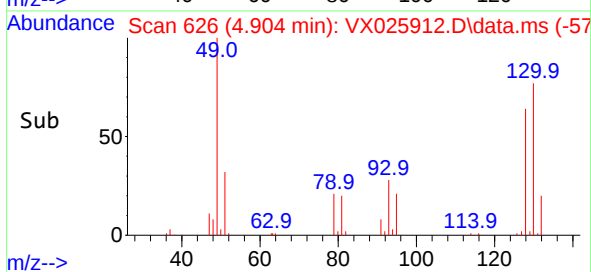
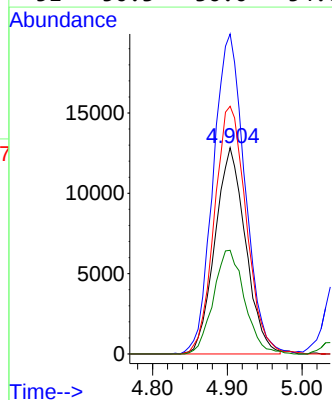
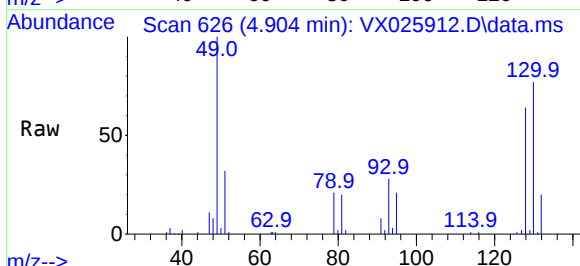
Instrument :
MSVOA_X
ClientSampleId :

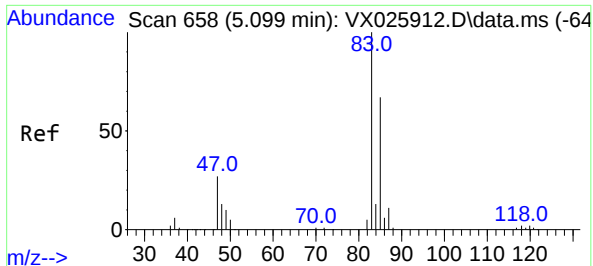
Tgt Ion: 43 Resp: 114134
Ion Ratio Lower Upper
43 100
72 26.0 13.8 41.3



#23
Bromochloromethane
Concen: 59.361 ug/L
RT: 4.904 min Scan# 626
Delta R.T. 0.000 min
Lab File: VX025912.D
Acq: 20 Dec 2021 13:22

Tgt Ion:128 Resp: 36516
Ion Ratio Lower Upper
128 100
49 155.1 97.7 181.5
130 120.1 88.2 163.8
51 50.3 36.0 54.0





#25

Chloroform

Concen: 49.388 ug/L

RT: 5.099 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX025912.D

Acq: 20 Dec 2021 13:22

Instrument :

MSVOA_X

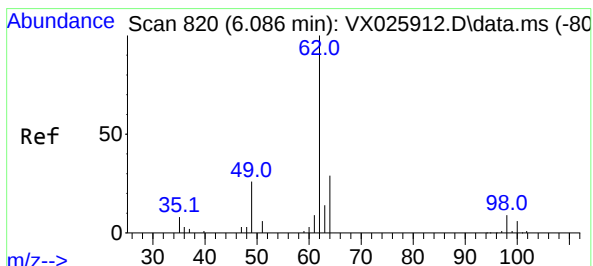
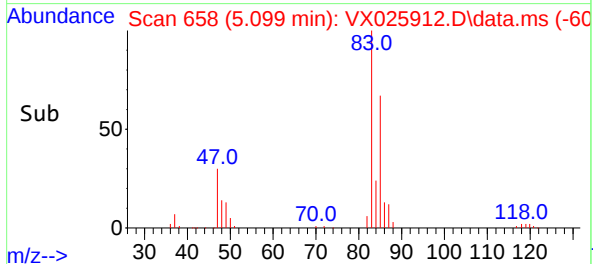
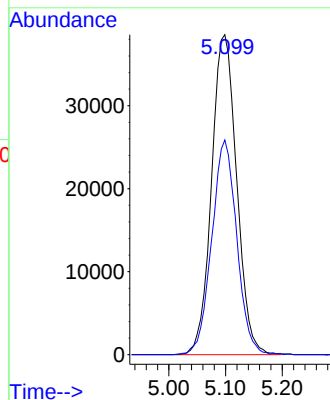
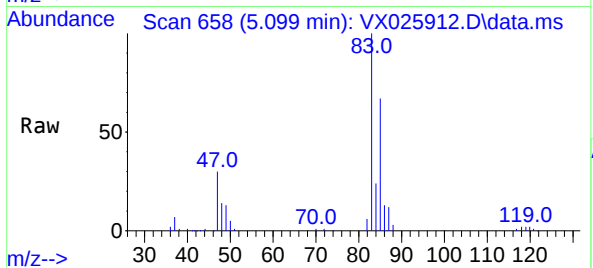
ClientSampleId :

Tgt Ion: 83 Resp: 118558

Ion Ratio Lower Upper

83 100

85 67.1 44.9 83.5



#27

1,2-Dichloroethane

Concen: 50.362 ug/L

RT: 6.086 min Scan# 820

Delta R.T. 0.000 min

Lab File: VX025912.D

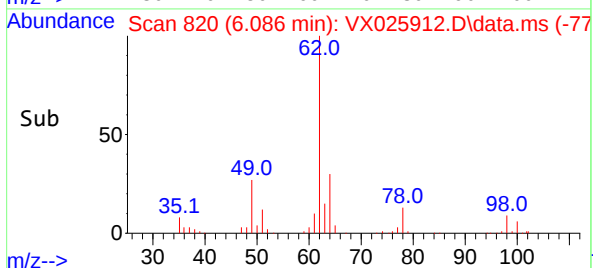
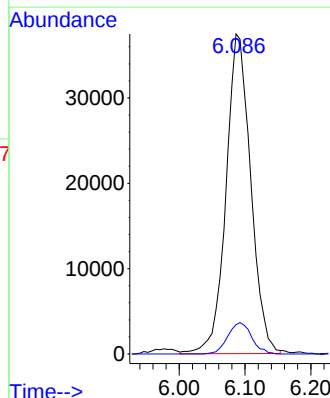
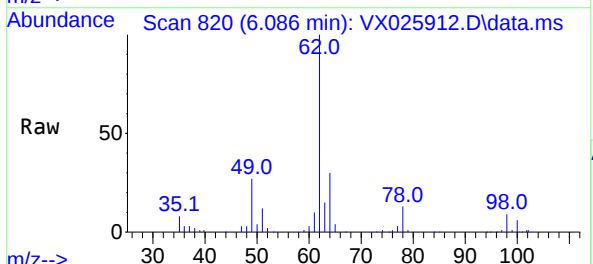
Acq: 20 Dec 2021 13:22

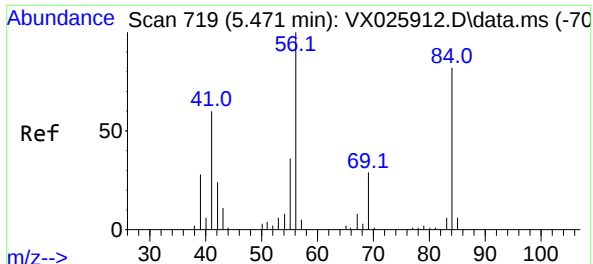
Tgt Ion: 62 Resp: 97823

Ion Ratio Lower Upper

62 100

98 9.1 8.2 12.2





#29

Cyclohexane

Concen: 39.222 ug/L

RT: 5.471 min Scan# 719

Delta R.T. 0.000 min

Lab File: VX025912.D

Acq: 20 Dec 2021 13:22

Instrument :

MSVOA_X

ClientSampleId :

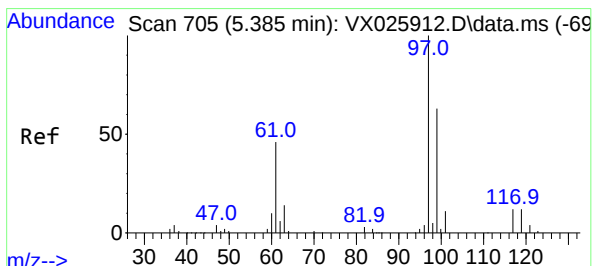
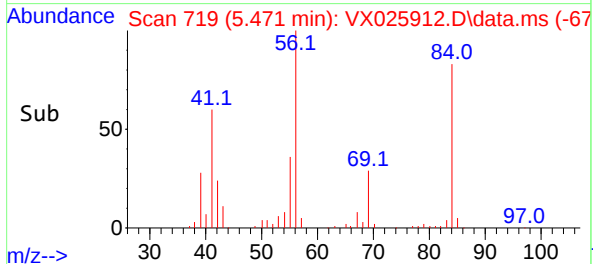
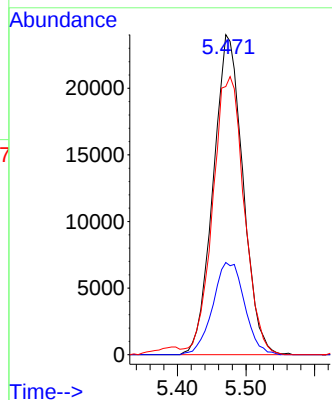
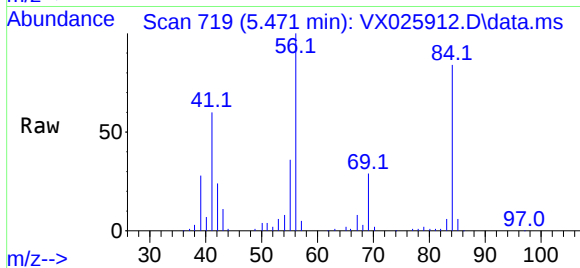
Tgt Ion: 56 Resp: 72274

Ion Ratio Lower Upper

56 100

69 30.8 25.4 38.2

84 92.0 76.6 114.8



#30

1,1,1-Trichloroethane

Concen: 45.742 ug/L

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX025912.D

Acq: 20 Dec 2021 13:22

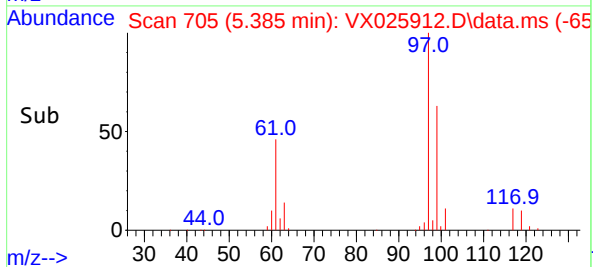
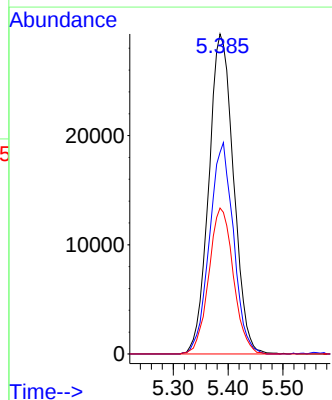
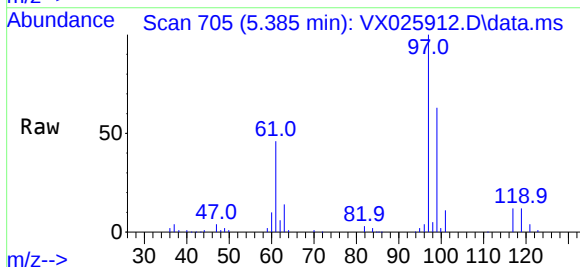
Tgt Ion: 97 Resp: 91813

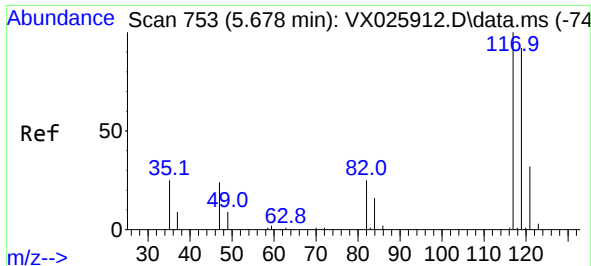
Ion Ratio Lower Upper

97 100

99 64.1 51.5 77.3

61 45.3 33.1 49.7

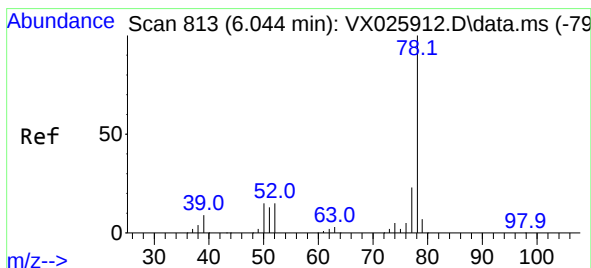
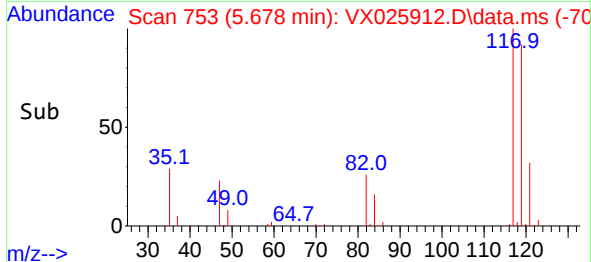
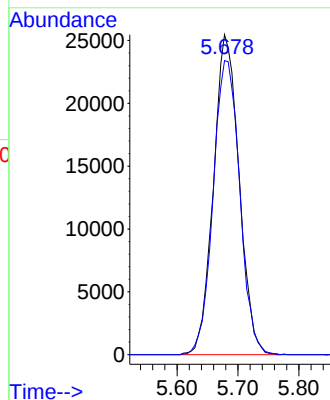
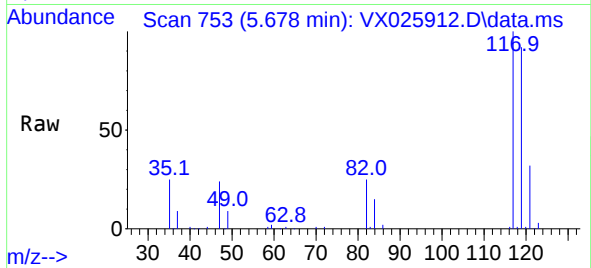




#31
Carbon tetrachloride
Concen: 50.685 ug/L
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX025912.D
Acq: 20 Dec 2021 13:22

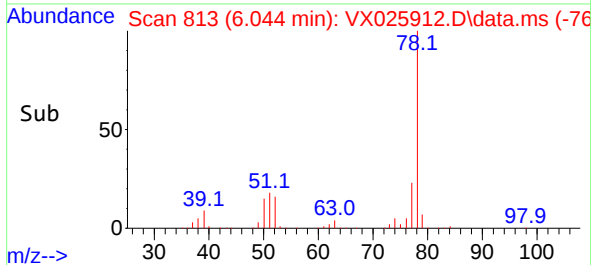
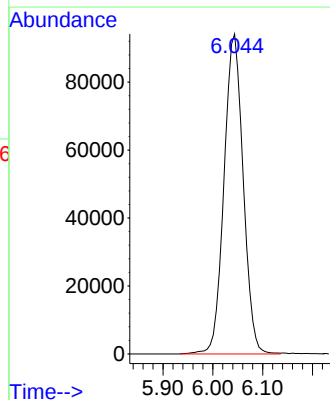
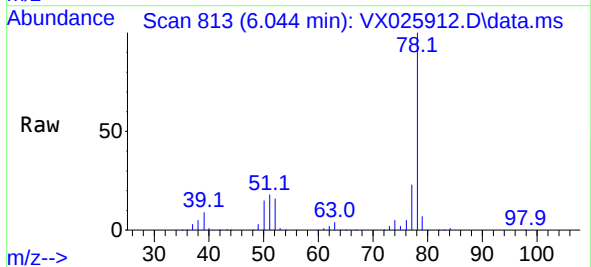
Instrument :
MSVOA_X
ClientSampleId :

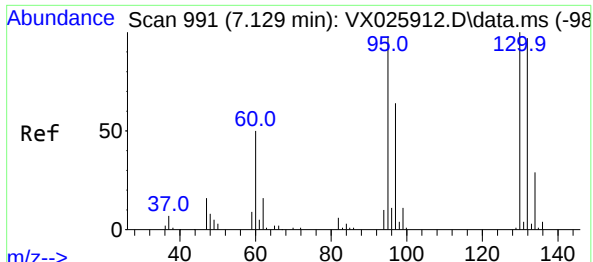
Tgt Ion:117 Resp: 74291
Ion Ratio Lower Upper
117 100
119 95.4 76.8 115.2



#33
Benzene
Concen: 47.642 ug/L
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX025912.D
Acq: 20 Dec 2021 13:22

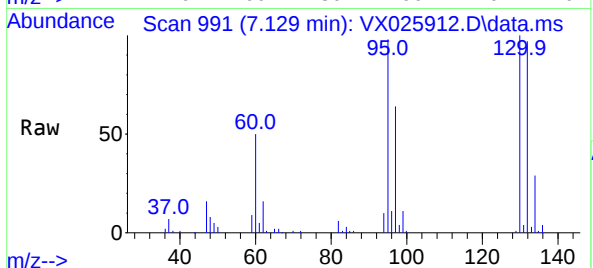
Tgt Ion: 78 Resp: 251591





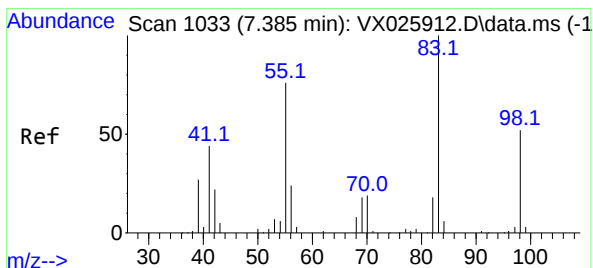
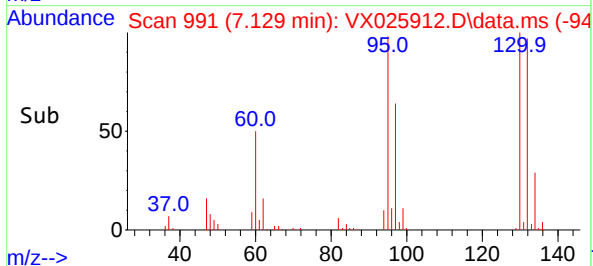
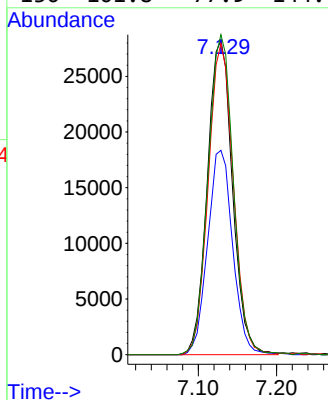
#34
Trichloroethene
Concen: 46.314 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX025912.D
Acq: 20 Dec 2021 13:22

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 95 Resp: 63061

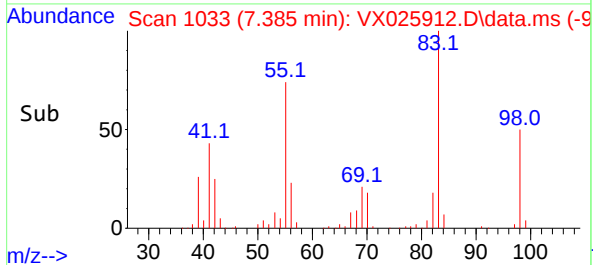
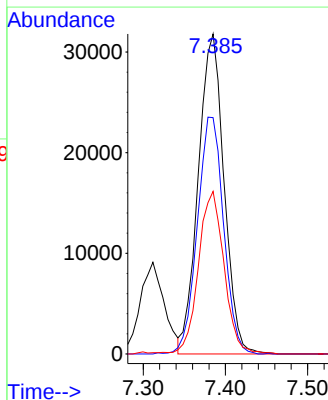
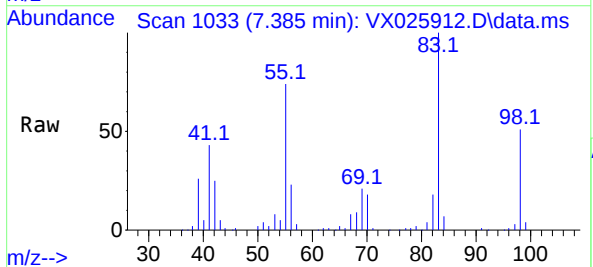
Ion	Ratio	Lower	Upper
95	100		
97	65.0	46.0	85.4
132	98.9	75.0	139.2
130	101.8	77.9	144.7

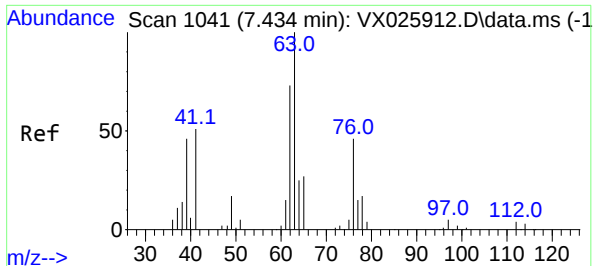


#35
Methylcyclohexane
Concen: 38.249 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX025912.D
Acq: 20 Dec 2021 13:22

Tgt Ion: 83 Resp: 69128

Ion	Ratio	Lower	Upper
83	100		
55	75.4	57.3	85.9
98	50.6	41.1	61.7





#37

1,2-Dichloropropane

Concen: 49.525 ug/L

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX025912.D

Acq: 20 Dec 2021 13:22

Instrument :

MSVOA_X

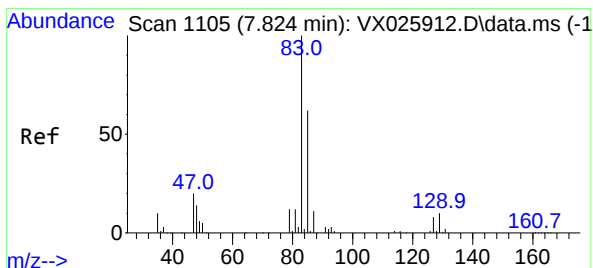
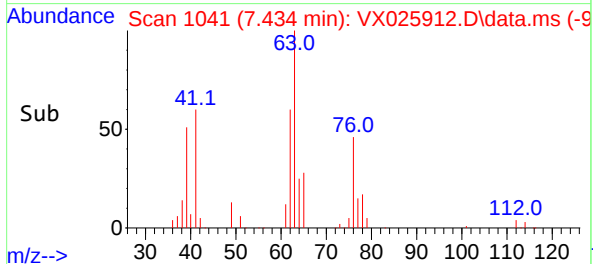
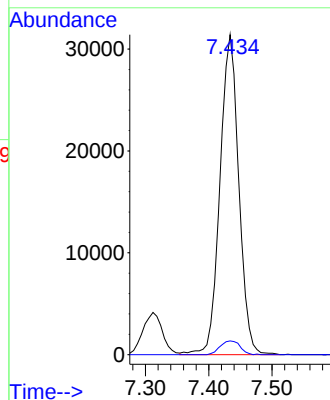
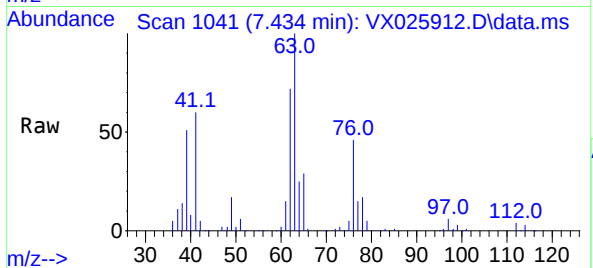
ClientSampleId :

Tgt Ion: 63 Resp: 64832

Ion Ratio Lower Upper

63 100

112 4.6 4.0 6.0



#38

Bromodichloromethane

Concen: 50.949 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX025912.D

Acq: 20 Dec 2021 13:22

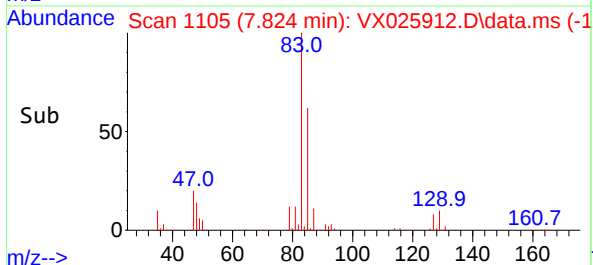
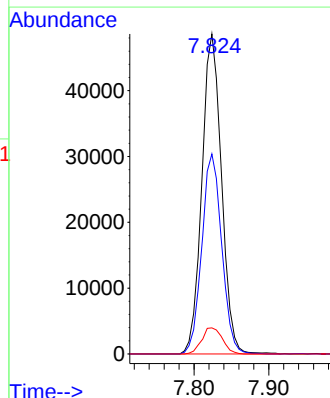
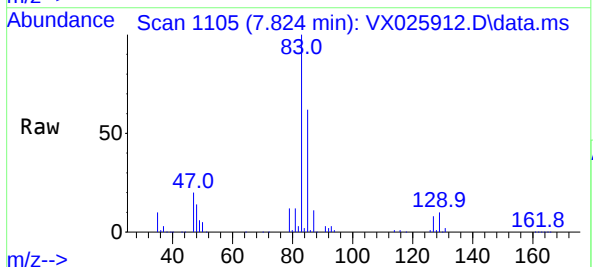
Tgt Ion: 83 Resp: 88641

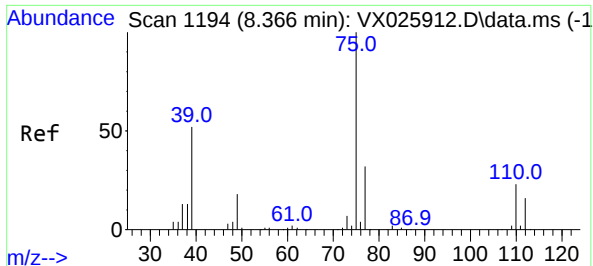
Ion Ratio Lower Upper

83 100

85 62.5 45.3 84.1

127 8.2 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 53.819 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX025912.D

Acq: 20 Dec 2021 13:22

Instrument :

MSVOA_X

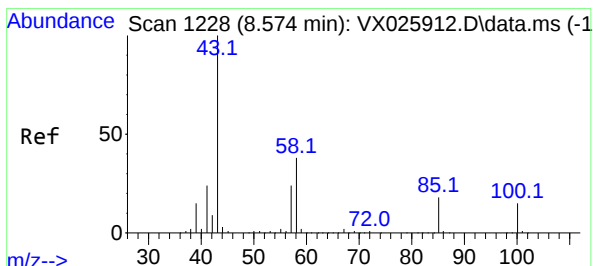
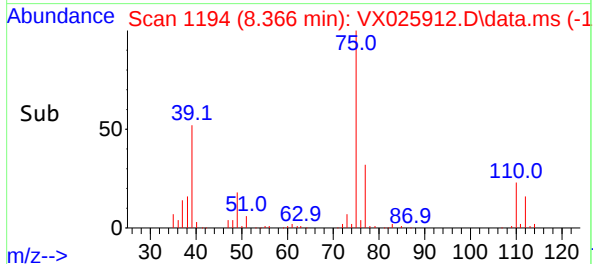
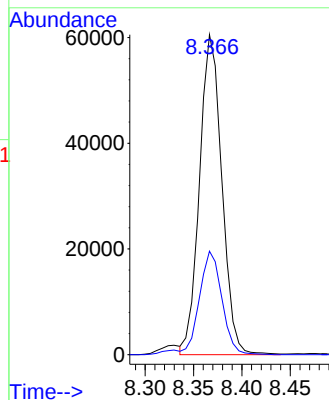
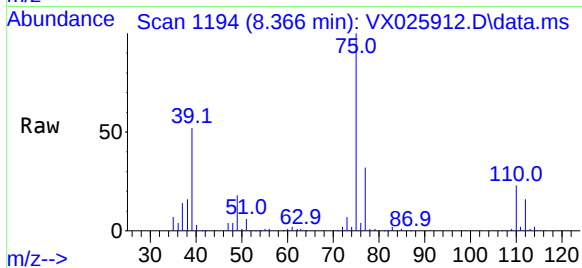
ClientSampleId :

Tgt Ion: 75 Resp: 97511

Ion Ratio Lower Upper

75 100

77 32.3 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 105.651 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX025912.D

Acq: 20 Dec 2021 13:22

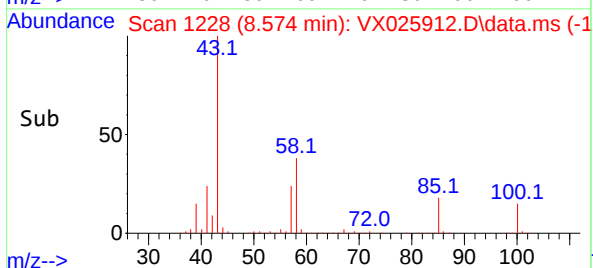
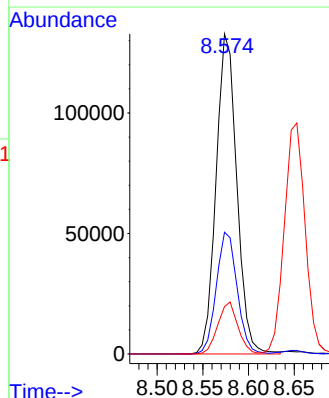
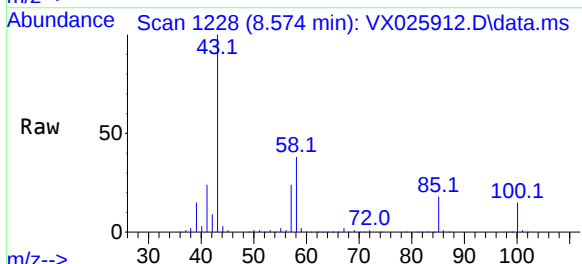
Tgt Ion: 43 Resp: 209177

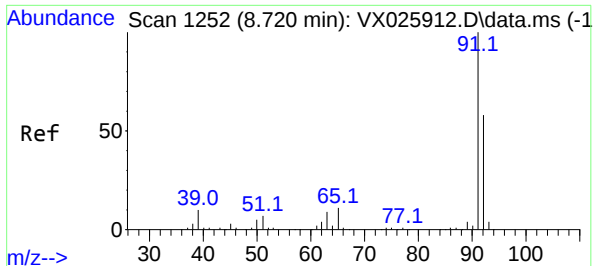
Ion Ratio Lower Upper

43 100

58 38.3 32.2 48.2

100 15.8 14.2 21.2





#42

Toluene

Concen: 48.870 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX025912.D

Acq: 20 Dec 2021 13:22

Instrument :

MSVOA_X

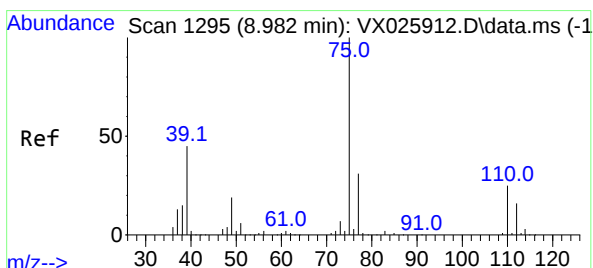
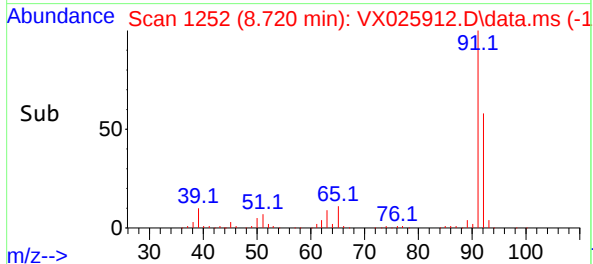
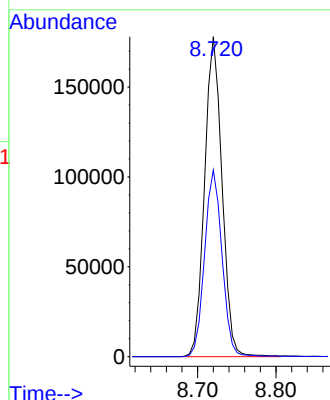
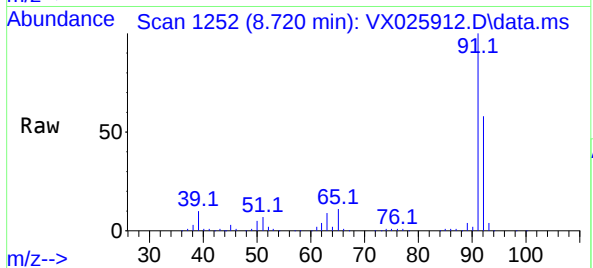
ClientSampleId :

Tgt Ion: 91 Resp: 275112

Ion Ratio Lower Upper

91 100

92 58.3 41.2 76.6



#44

trans-1,3-Dichloropropene

Concen: 56.391 ug/L

RT: 8.982 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VX025912.D

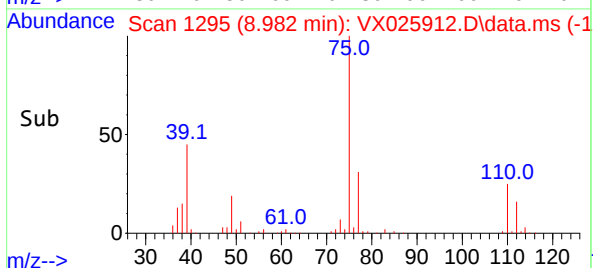
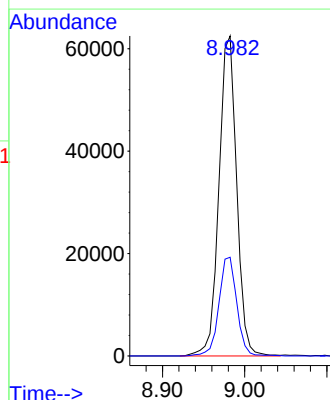
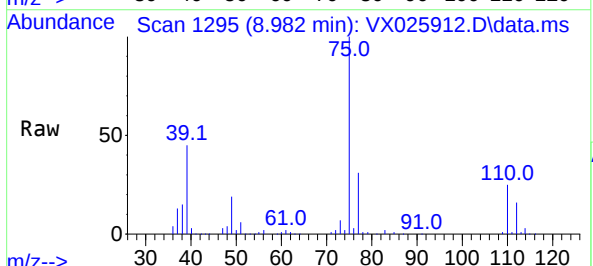
Acq: 20 Dec 2021 13:22

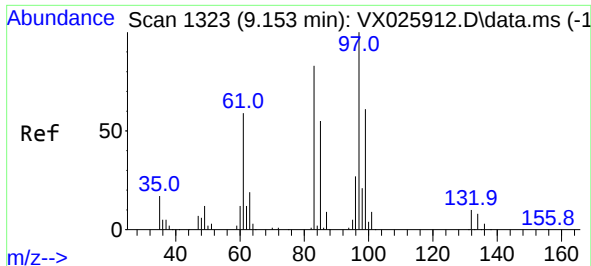
Tgt Ion: 75 Resp: 93642

Ion Ratio Lower Upper

75 100

77 30.9 23.0 42.8



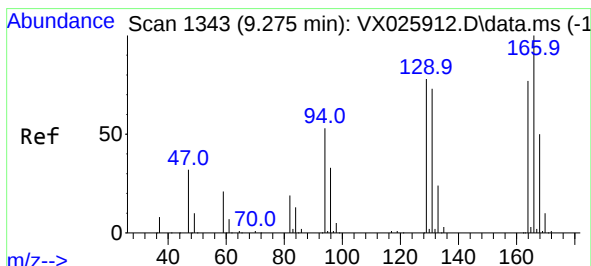
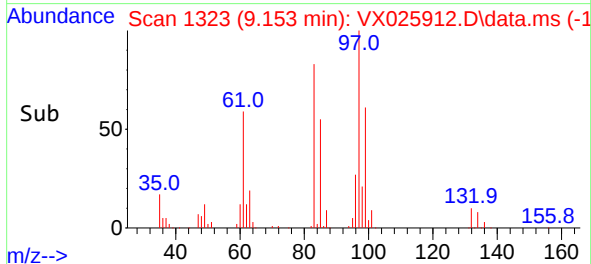
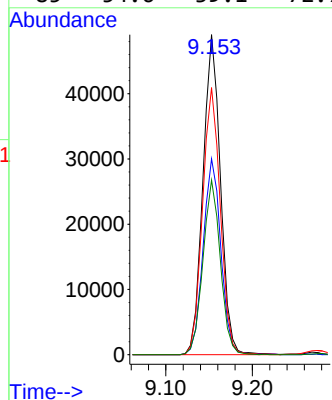
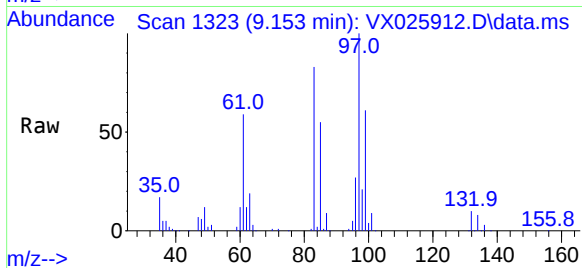


#45
1,1,2-Trichloroethane
Concen: 50.291 ug/L
RT: 9.153 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025912.D
Acq: 20 Dec 2021 13:22

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 97 Resp: 68899

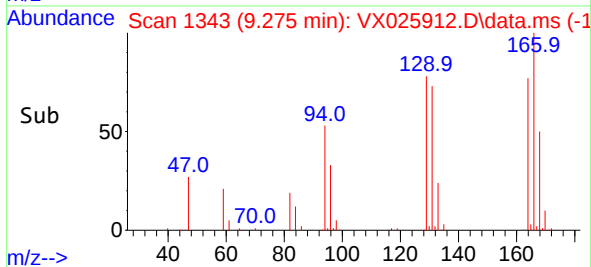
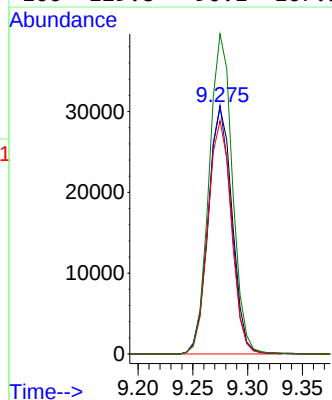
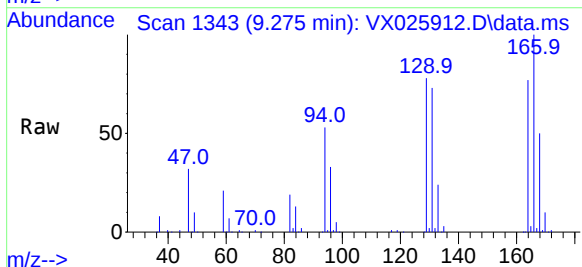
Ion	Ratio	Lower	Upper
97	100		
99	61.2	46.0	85.4
83	83.4	59.6	110.8
85	54.6	39.1	72.7

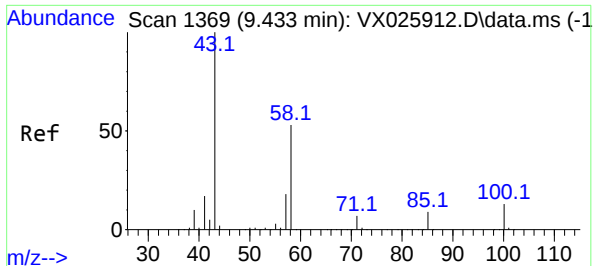


#46
Tetrachloroethene
Concen: 45.858 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX025912.D
Acq: 20 Dec 2021 13:22

Tgt Ion: 164 Resp: 46237

Ion	Ratio	Lower	Upper
164	100		
129	100.7	64.7	120.1
131	94.5	63.2	117.4
166	129.8	90.1	167.3





#48

2-Hexanone

Concen: 104.998 ug/L

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX025912.D

Acq: 20 Dec 2021 13:22

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 43 Resp: 169255

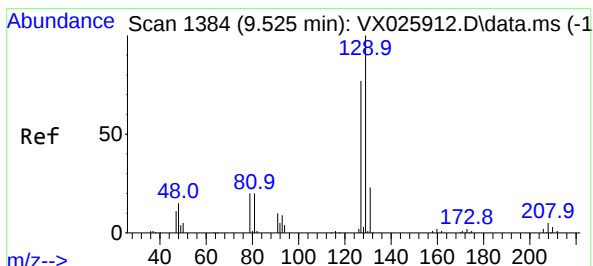
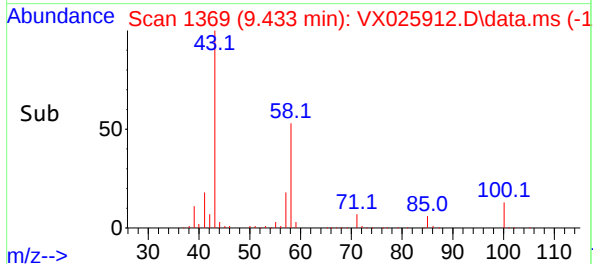
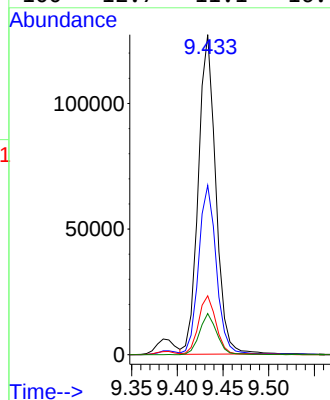
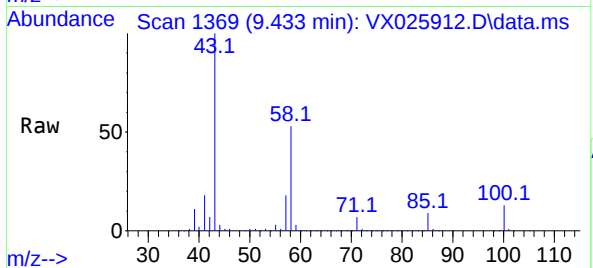
Ion Ratio Lower Upper

43 100

58 53.6 44.2 66.4

57 18.0 15.1 22.7

100 12.7 11.1 16.7



#49

Dibromochloromethane

Concen: 53.440 ug/L

RT: 9.525 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VX025912.D

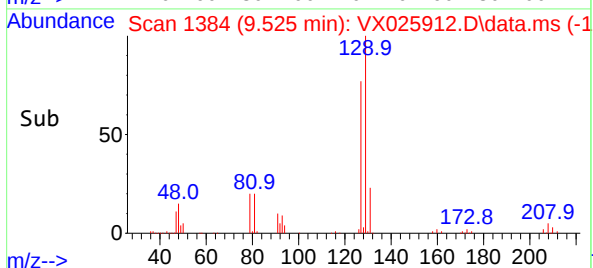
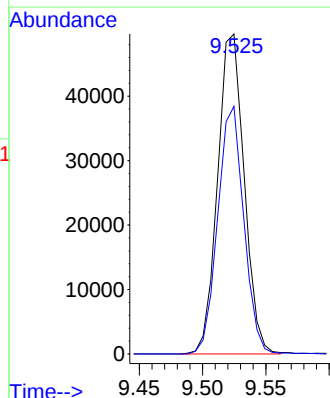
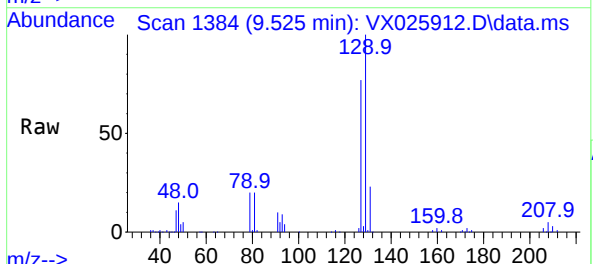
Acq: 20 Dec 2021 13:22

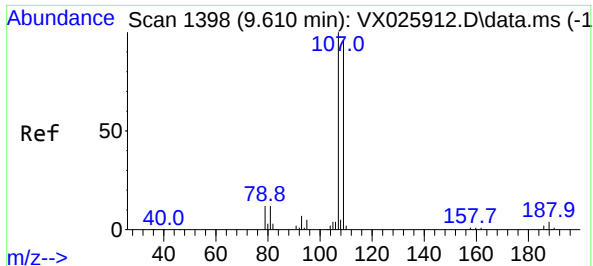
Tgt Ion: 129 Resp: 72558

Ion Ratio Lower Upper

129 100

127 77.3 52.4 97.2





#50

1,2-Dibromoethane

Concen: 51.170 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX025912.D

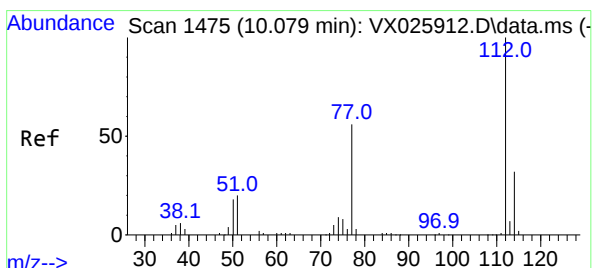
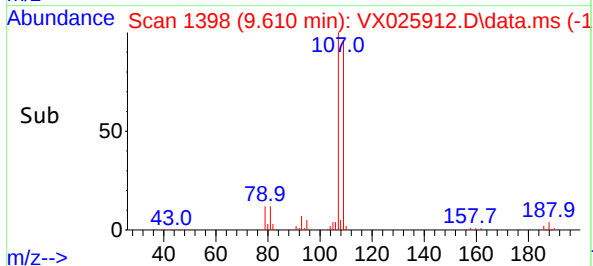
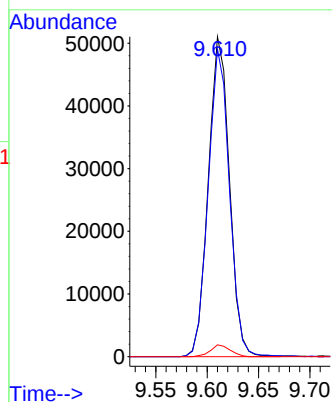
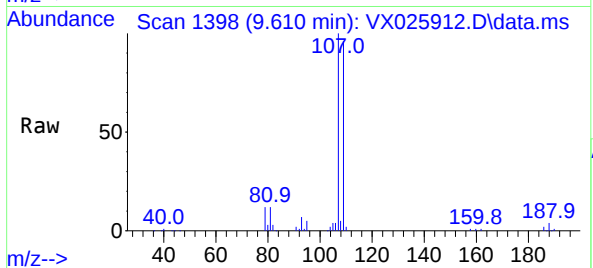
Acq: 20 Dec 2021 13:22

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:107	Resp:	72855
Ion Ratio	Lower	Upper
107	100	
109	96.1	65.3 121.3
188	3.7	2.9 4.3



#51

Chlorobenzene

Concen: 49.526 ug/L

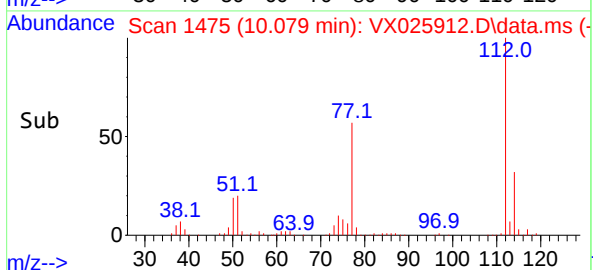
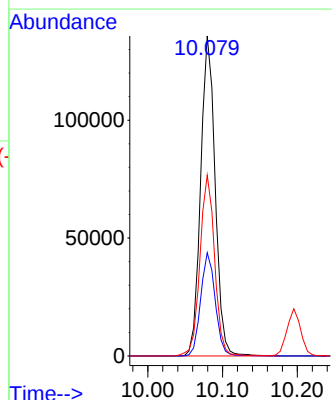
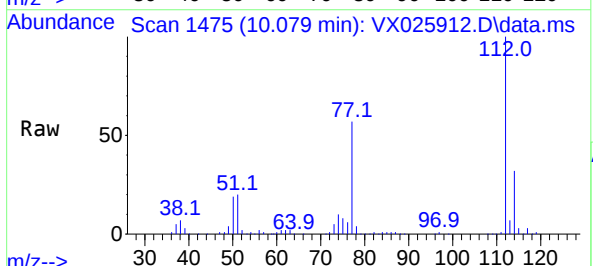
RT: 10.079 min Scan# 1475

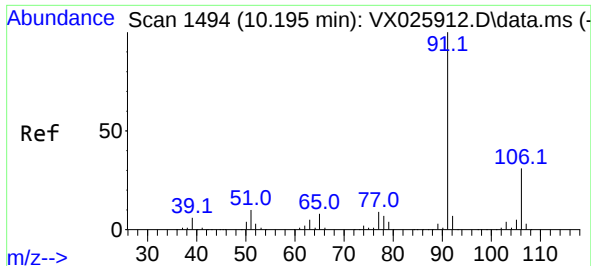
Delta R.T. 0.000 min

Lab File: VX025912.D

Acq: 20 Dec 2021 13:22

Tgt Ion:112	Resp:	182883
Ion Ratio	Lower	Upper
112	100	
114	32.2	22.5 41.9
77	56.5	44.5 66.7

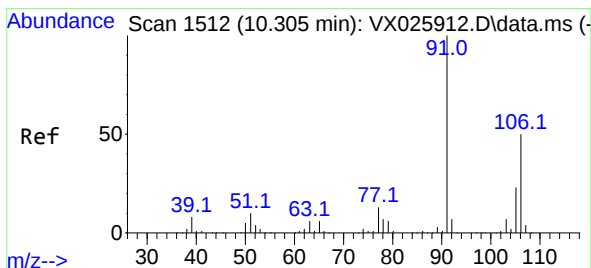
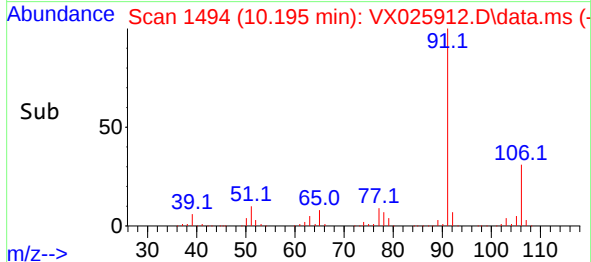
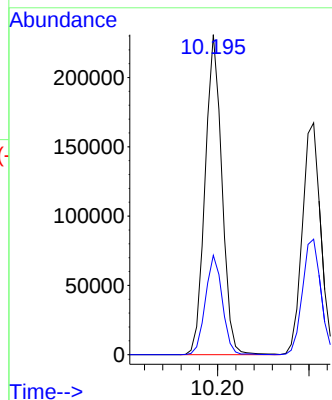
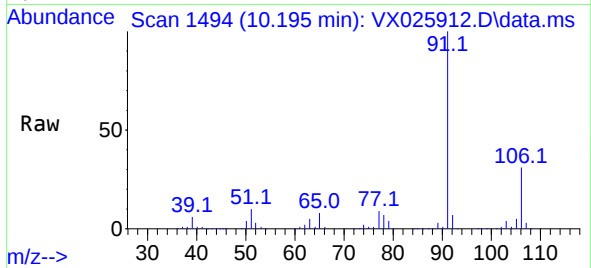




#52
Ethylbenzene
Concen: 49.439 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX025912.D
Acq: 20 Dec 2021 13:22

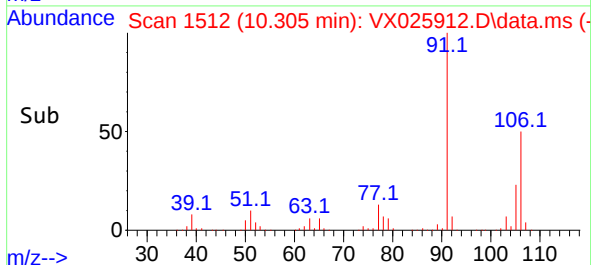
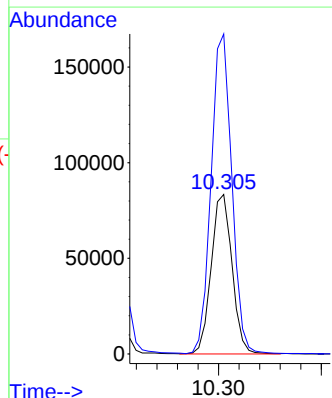
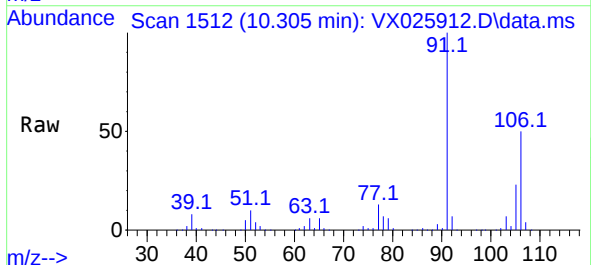
Instrument :
MSVOA_X
ClientSampleId :

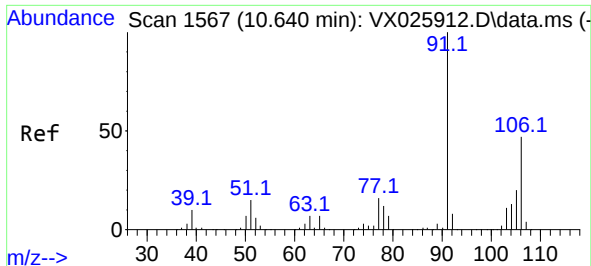
Tgt Ion: 91 Resp: 293742
Ion Ratio Lower Upper
91 100
106 31.0 23.1 42.9



#53
m,p-Xylene
Concen: 50.026 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX025912.D
Acq: 20 Dec 2021 13:22

Tgt Ion: 106 Resp: 117382
Ion Ratio Lower Upper
106 100
91 200.5 136.8 254.2

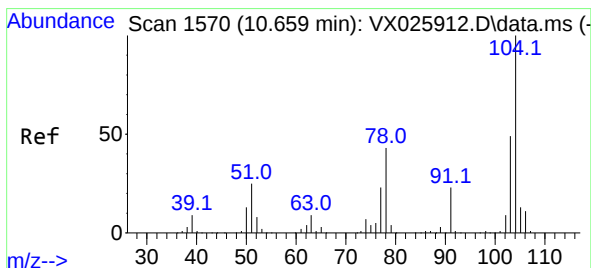
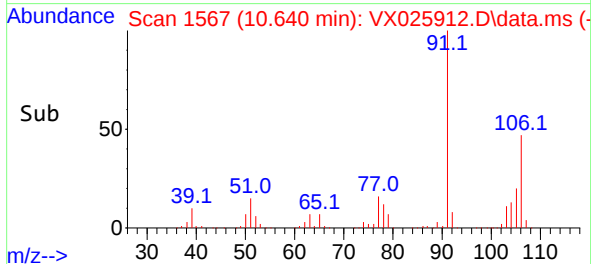
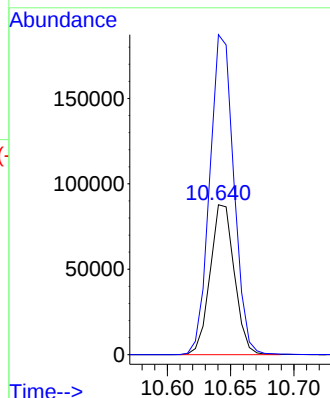
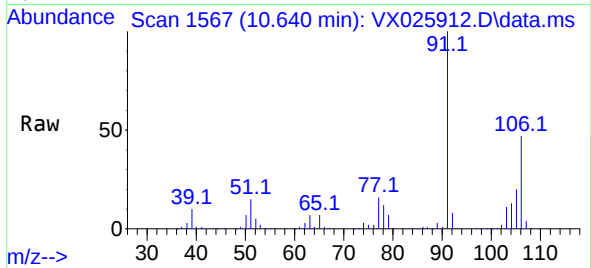




#54
o-Xylene
Concen: 51.191 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX025912.D
Acq: 20 Dec 2021 13:22

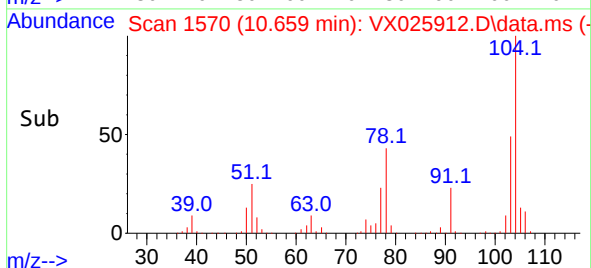
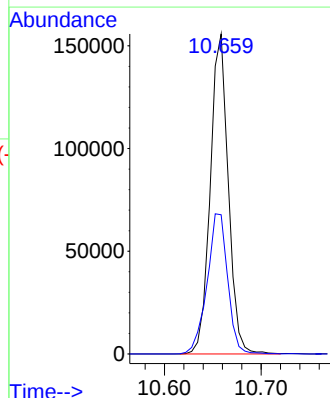
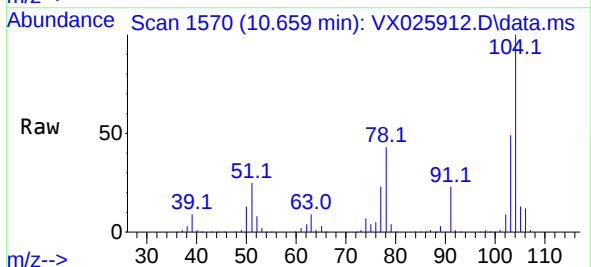
Instrument :
MSVOA_X
ClientSampleId :

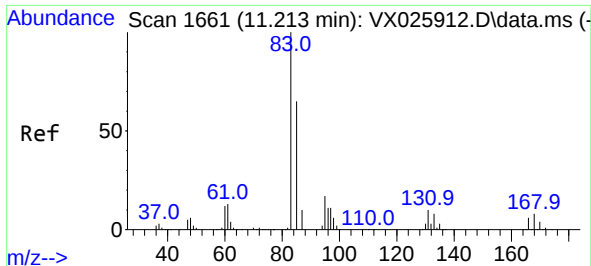
Tgt Ion:106 Resp: 116963
Ion Ratio Lower Upper
106 100
91 213.5 140.5 260.9



#55
Styrene
Concen: 53.431 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX025912.D
Acq: 20 Dec 2021 13:22

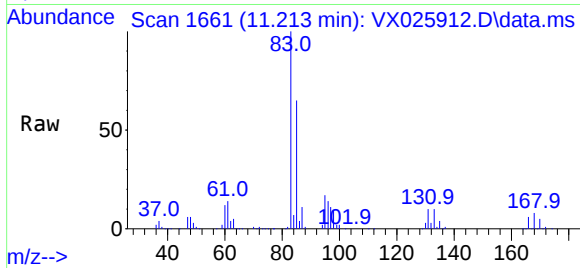
Tgt Ion:104 Resp: 201709
Ion Ratio Lower Upper
104 100
78 43.5 28.6 53.0



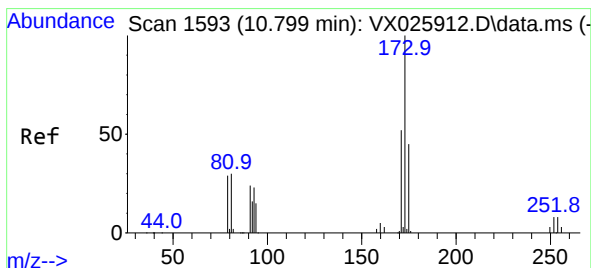
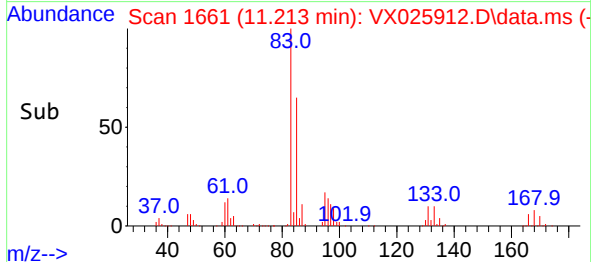
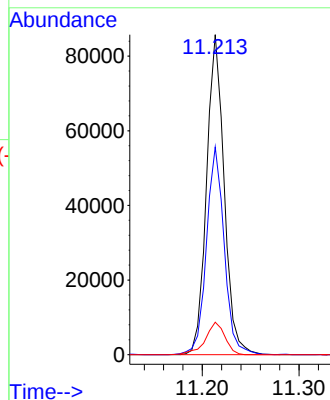


#57
1,1,2,2-Tetrachloroethane
Concen: 50.950 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX025912.D
Acq: 20 Dec 2021 13:22

Instrument :
MSVOA_X
ClientSampleId :

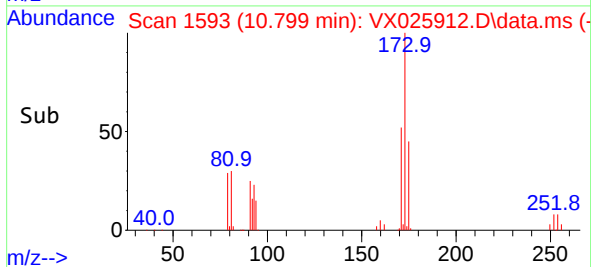
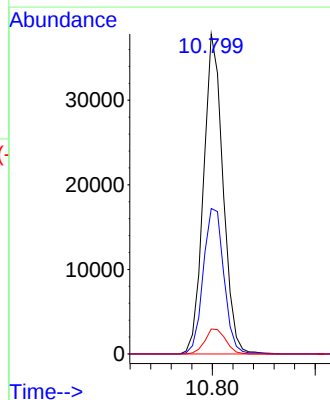
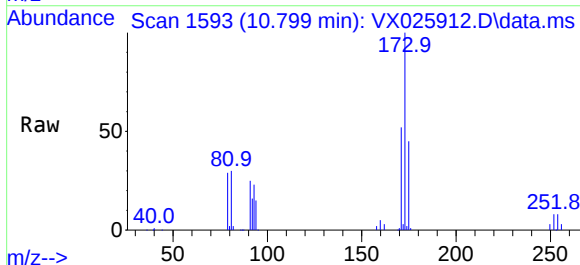


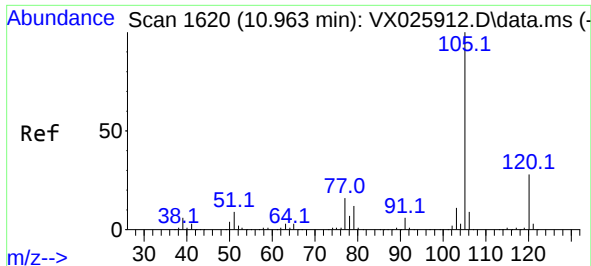
Tgt Ion: 83 Resp: 108593
Ion Ratio Lower Upper
83 100
85 64.9 47.0 87.2
131 10.1 8.5 12.7



#59
Bromoform
Concen: 54.895 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX025912.D
Acq: 20 Dec 2021 13:22

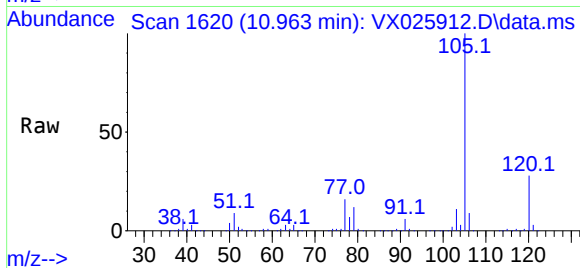
Tgt Ion: 173 Resp: 49863
Ion Ratio Lower Upper
173 100
175 48.2 38.6 58.0
254 8.3 7.7 11.5



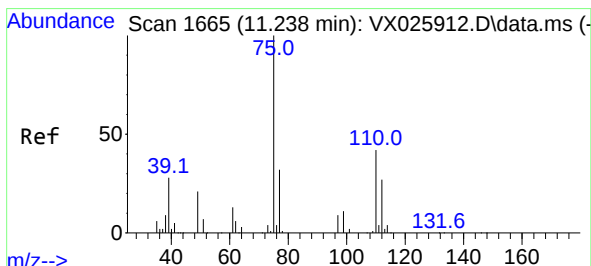
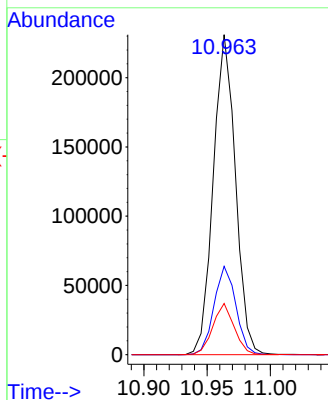
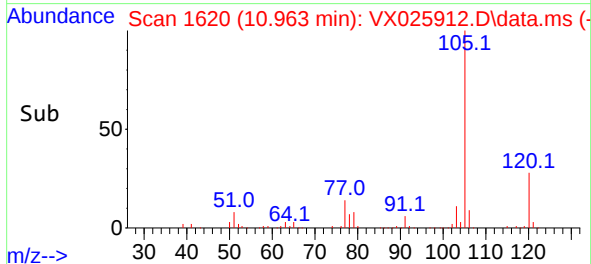


#60
Isopropylbenzene
Concen: 46.517 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX025912.D
Acq: 20 Dec 2021 13:22

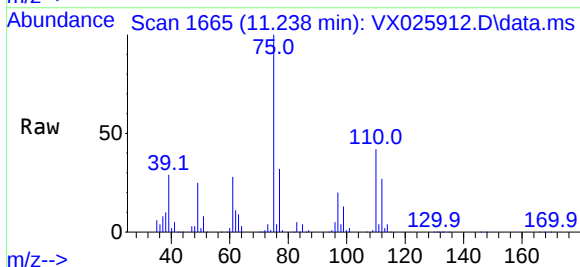
Instrument :
MSVOA_X
ClientSampleId :



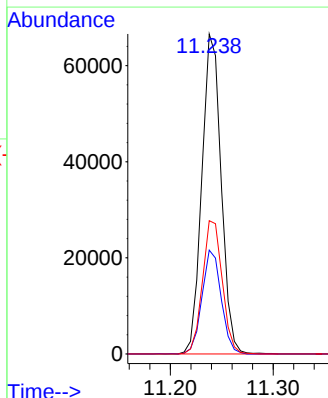
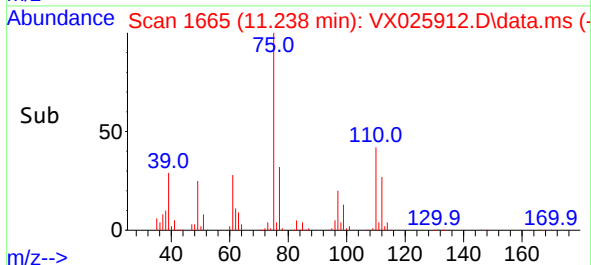
Tgt Ion:105 Resp: 281060
Ion Ratio Lower Upper
105 100
120 27.3 22.3 33.5
77 15.5 11.5 17.3

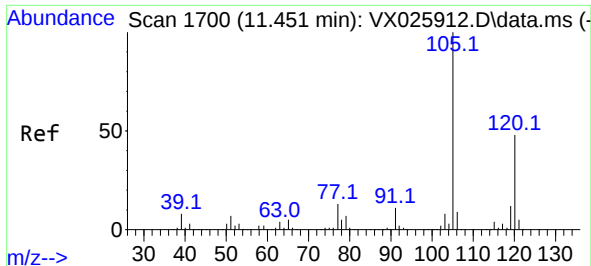


#61
1,2,3-Trichloropropane
Concen: 47.385 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX025912.D
Acq: 20 Dec 2021 13:22



Tgt Ion: 75 Resp: 86977
Ion Ratio Lower Upper
75 100
77 32.3 25.8 38.8
110 42.7 34.7 52.1

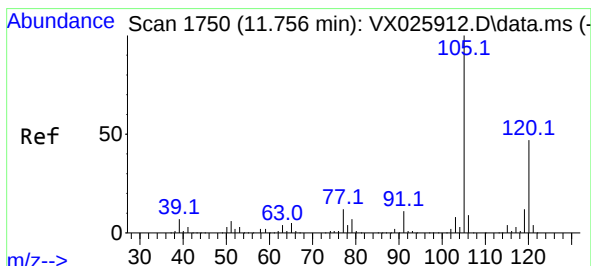
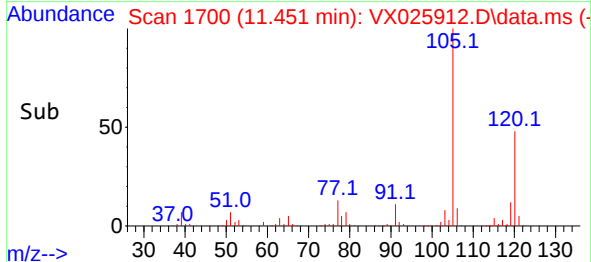
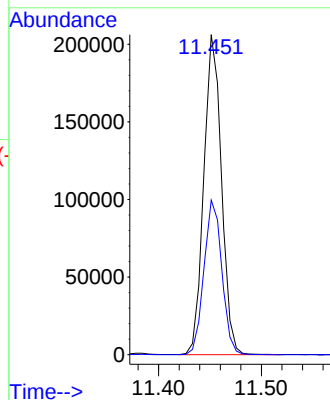
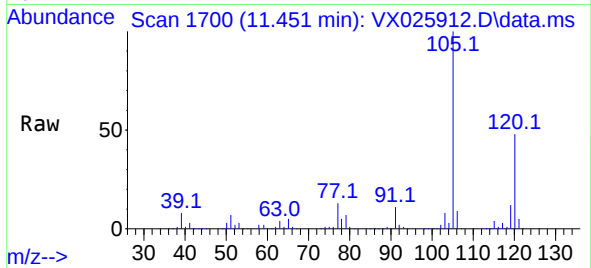




#62
1,3,5-Trimethylbenzene
Concen: 48.756 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX025912.D
Acq: 20 Dec 2021 13:22

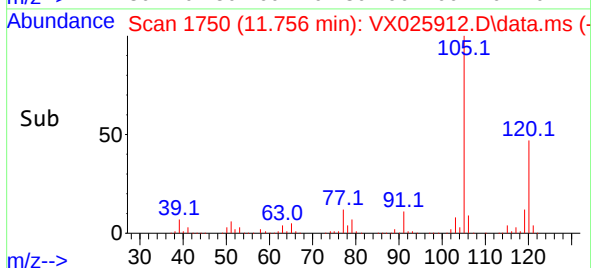
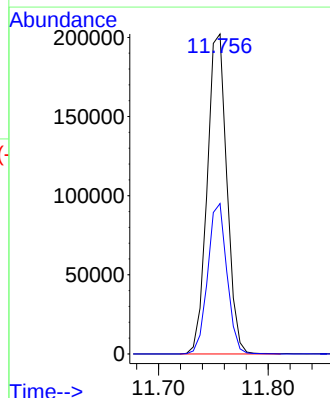
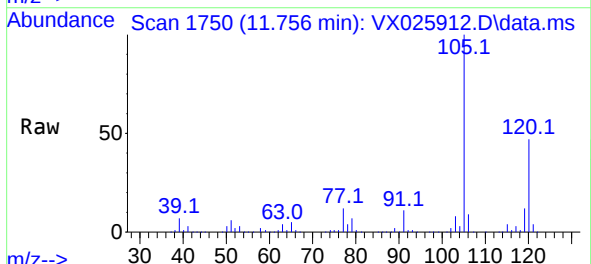
Instrument :
MSVOA_X
ClientSampleId :

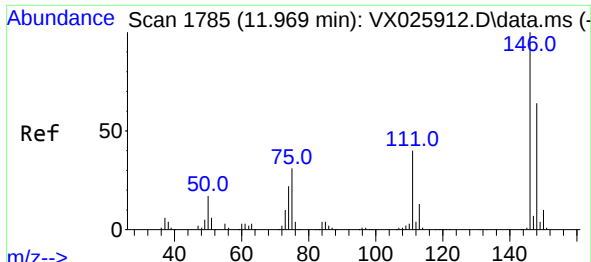
Tgt Ion:105 Resp: 247054
Ion Ratio Lower Upper
105 100
120 48.8 41.0 61.4



#63
1,2,4-Trimethylbenzene
Concen: 49.370 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX025912.D
Acq: 20 Dec 2021 13:22

Tgt Ion:105 Resp: 251716
Ion Ratio Lower Upper
105 100
120 45.9 0.1 0.1#

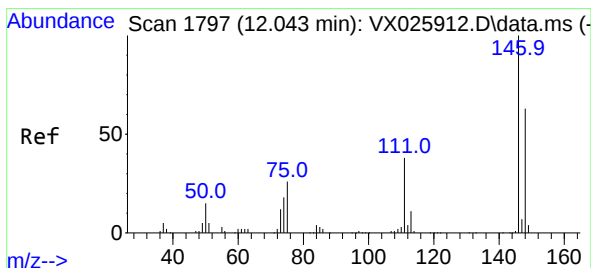
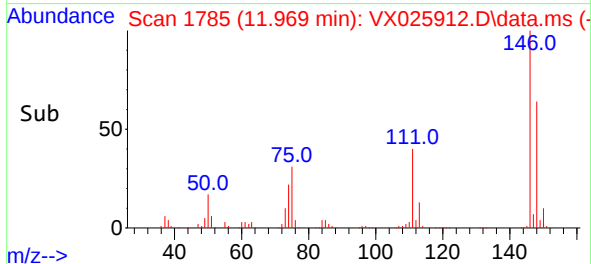
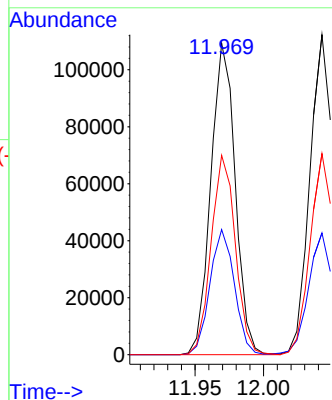
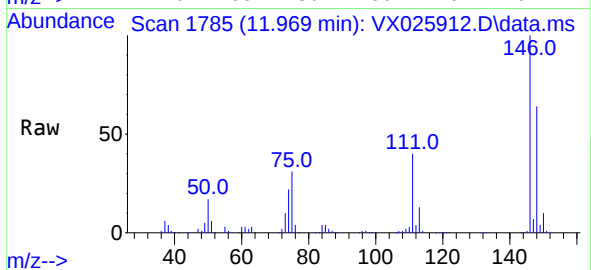




#64
1,3-Dichlorobenzene
Concen: 48.199 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX025912.D
Acq: 20 Dec 2021 13:22

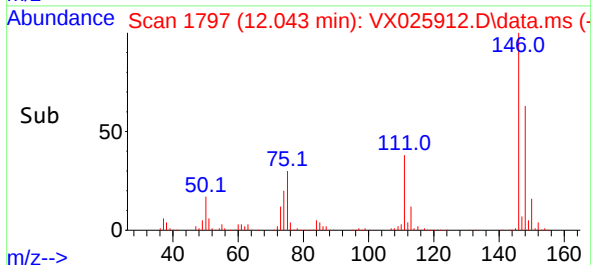
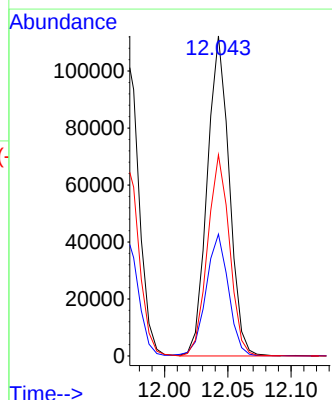
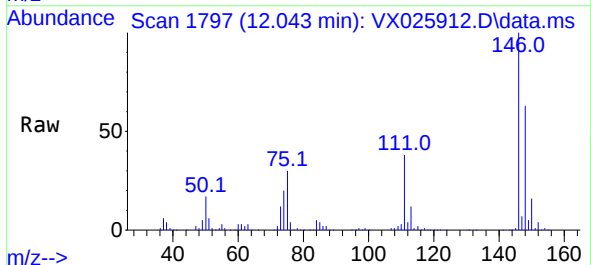
Instrument :
MSVOA_X
ClientSampleId :

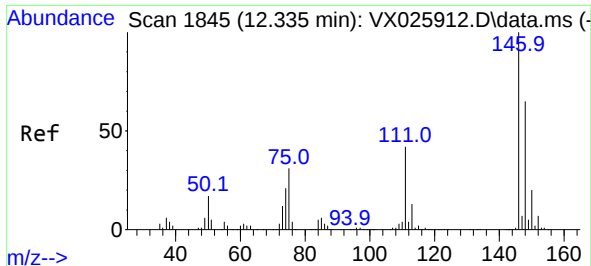
Tgt Ion:146 Resp: 135339
Ion Ratio Lower Upper
146 100
111 40.2 27.6 51.2
148 64.0 45.2 84.0



#65
1,4-Dichlorobenzene
Concen: 47.824 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX025912.D
Acq: 20 Dec 2021 13:22

Tgt Ion:146 Resp: 135903
Ion Ratio Lower Upper
146 100
111 38.0 26.5 49.3
148 62.8 45.5 84.5

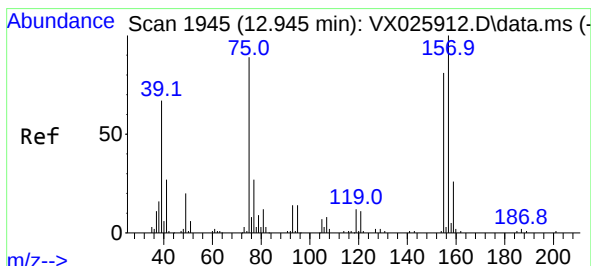
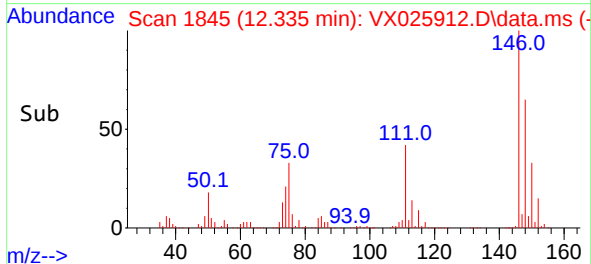
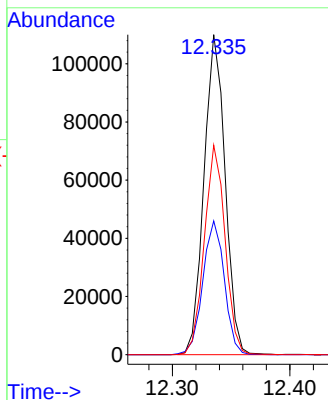
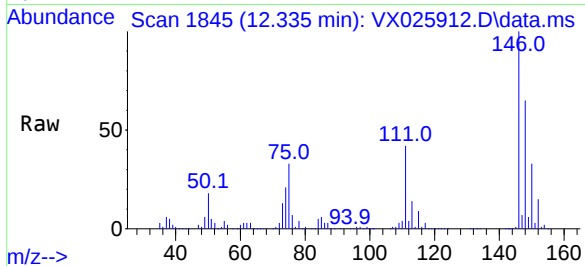




#67
1,2-Dichlorobenzene
Concen: 48.363 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX025912.D
Acq: 20 Dec 2021 13:22

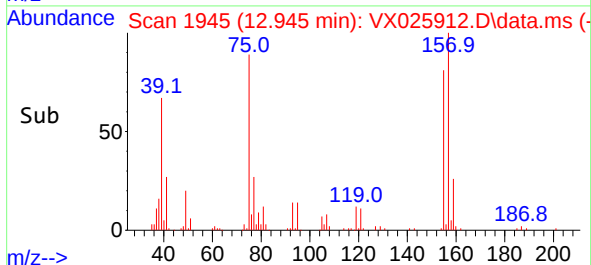
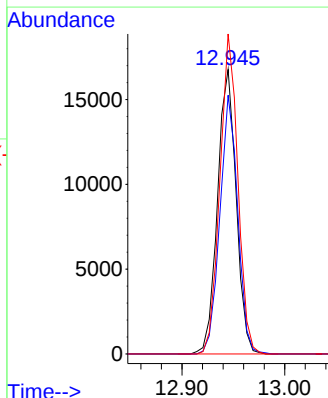
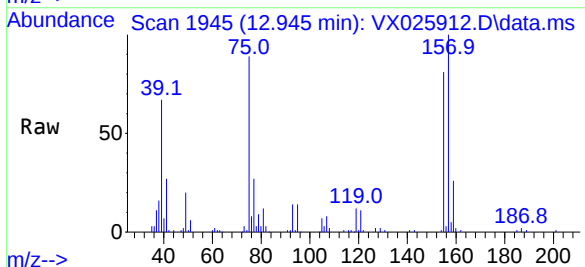
Instrument :
MSVOA_X
ClientSampleId :

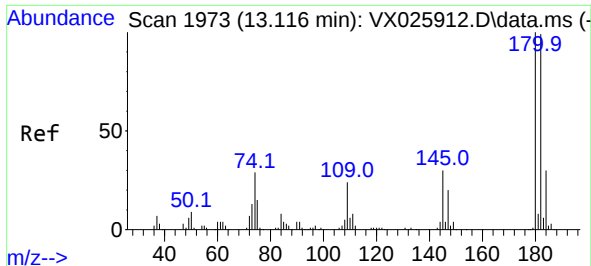
Tgt Ion:146 Resp: 137707
Ion Ratio Lower Upper
146 100
111 41.8 32.3 48.5
148 65.5 50.3 75.5



#68
1,2-Dibromo-3-chloropropane
Concen: 53.260 ug/L
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX025912.D
Acq: 20 Dec 2021 13:22

Tgt Ion: 75 Resp: 21045
Ion Ratio Lower Upper
75 100
155 91.0 79.4 119.2
157 112.5 100.4 150.6





#69

1,3,5-Trichlorobenzene

Concen: 48.565 ug/L

RT: 13.116 min Scan# 1973

Delta R.T. 0.000 min

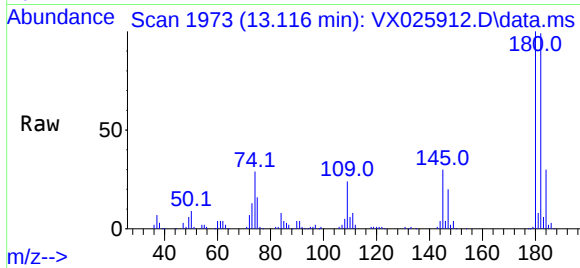
Lab File: VX025912.D

Acq: 20 Dec 2021 13:22

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 84824

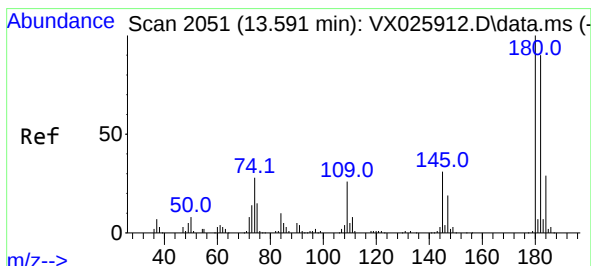
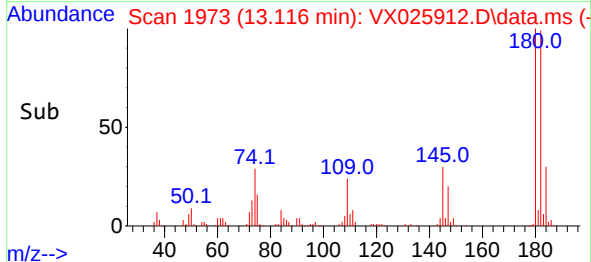
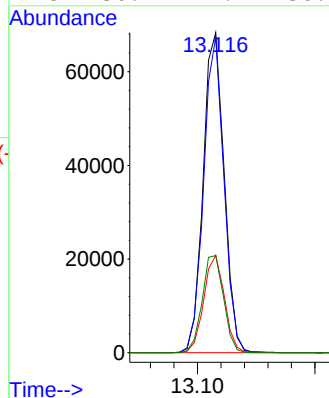
Ion Ratio Lower Upper

180 100

182 95.3 75.3 112.9

184 29.9 24.6 37.0

145 30.9 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 53.342 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX025912.D

Acq: 20 Dec 2021 13:22

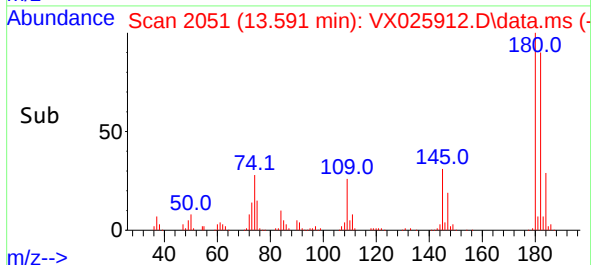
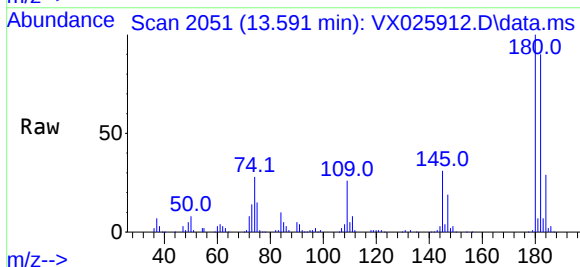
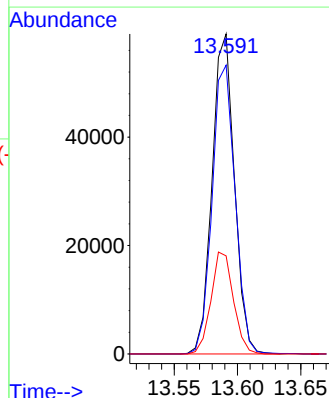
Tgt Ion:180 Resp: 72299

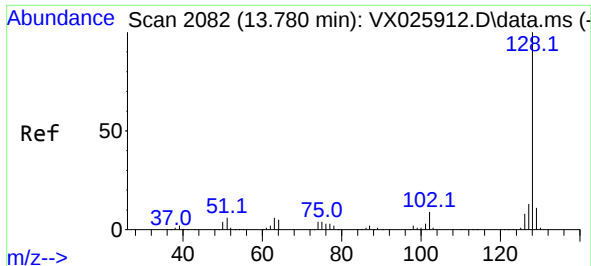
Ion Ratio Lower Upper

180 100

182 92.9 78.2 117.4

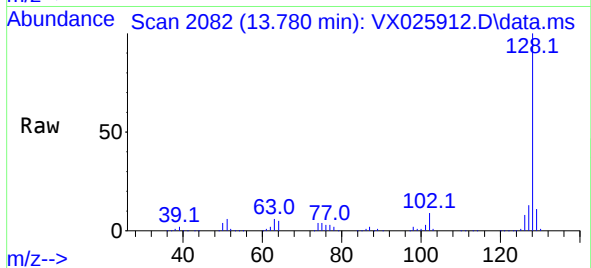
145 32.0 24.7 37.1



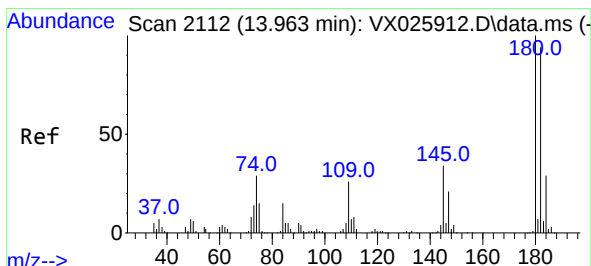
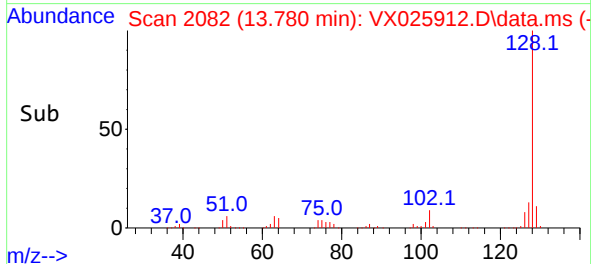
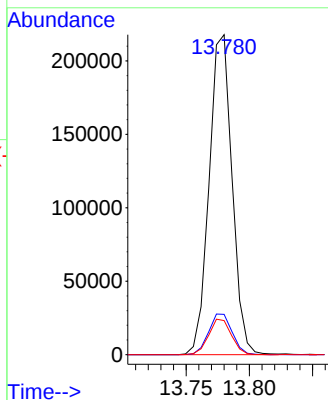


#71
Naphthalene
Concen: 61.033 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX025912.D
Acq: 20 Dec 2021 13:22

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 274880
Ion Ratio Lower Upper
128 100
127 13.1 10.1 15.1
129 11.1 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 55.334 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX025912.D
Acq: 20 Dec 2021 13:22

Tgt Ion:180 Resp: 74732
Ion Ratio Lower Upper
180 100
182 96.2 75.2 112.8
145 34.1 25.8 38.6

