

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122821\
 Data File : VX026126.D
 Acq On : 29 Dec 2021 02:33
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 29 04:37:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 29 04:20:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	199925	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	176524	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	83365	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	74734	48.162	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 96.320%			
7) Chloroethane-d5	1.666	69	61637	54.641	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 109.280%			
11) 1,1-Dichloroethene-d2	2.312	63	139341	49.195	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 98.400%			
21) 2-Butanone-d5	4.458	46	119996	111.912	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 111.910%			
24) Chloroform-d	5.068	84	144790	54.944	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 109.880%			
26) 1,2-Dichloroethane-d4	5.964	65	95767	56.062	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 112.120%			
32) Benzene-d6	5.983	84	278308	54.685	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 109.380%			
36) 1,2-Dichloropropane-d6	7.312	67	86740	55.094	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 110.180%			
41) Toluene-d8	8.653	98	248923	53.631	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.260%			
43) trans-1,3-Dichloroprop...	8.952	79	40476	52.666	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 105.340%			
47) 2-Hexanone-d5	9.384	63	80494	109.625	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 109.630%			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	115539	55.141	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 110.280%			
66) 1,2-Dichlorobenzene-d4	12.323	152	86192	54.201	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 108.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	78863	40.913	ug/L	98
3) Chloromethane	1.294	50	90877	54.170	ug/L	99
5) Vinyl chloride	1.374	62	83078	49.336	ug/L	100
6) Bromomethane	1.611	94	52140	53.183	ug/L	99
8) Chloroethane	1.691	64	54163	54.624	ug/L	100
9) Trichlorofluoromethane	1.892	101	114923	44.512	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.337	101	53578	40.897	ug/L	99
12) 1,1-Dichloroethene	2.325	96	61385	50.363	ug/L	99
13) Acetone	2.386	43	80420	79.197	ug/L	98
14) Carbon disulfide	2.520	76	185282	48.412	ug/L	100
15) Methyl Acetate	2.709	43	89937	56.285	ug/L	99
16) Methylene chloride	2.794	84	75106	55.325	ug/L	98
17) trans-1,2-Dichloroethene	3.099	96	68124	53.096	ug/L	99
18) Methyl tert-butyl Ether	3.117	73	234190	57.094	ug/L	100
19) 1,1-Dichloroethane	3.617	63	131441	55.661	ug/L	97
20) cis-1,2-Dichloroethene	4.495	96	78052	55.588	ug/L	94
22) 2-Butanone	4.562	43	128696	96.324	ug/L	98
23) Bromochloromethane	4.910	128	40448	56.789	ug/L	95
25) Chloroform	5.105	83	138323	56.965	ug/L	96

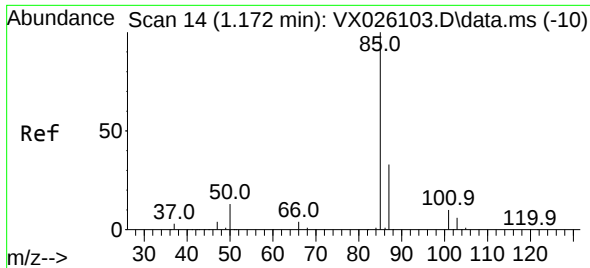
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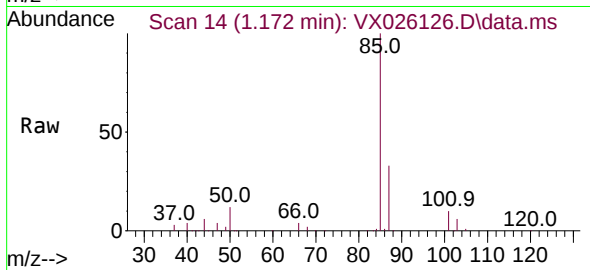
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	112361	56.963	ug/L	95
29) Cyclohexane	5.477	56	94226	42.415	ug/L	99
30) 1,1,1-Trichloroethane	5.397	97	111415	51.842	ug/L	99
31) Carbon tetrachloride	5.690	117	94973	49.129	ug/L	99
33) Benzene	6.043	78	292278	56.078	ug/L	100
34) Trichloroethene	7.129	95	72840	53.079	ug/L	97
35) Methylcyclohexane	7.385	83	81865	38.678	ug/L	98
37) 1,2-Dichloropropane	7.434	63	74884	55.808	ug/L	100
38) Bromodichloromethane	7.824	83	104281	55.938	ug/L	99
39) cis-1,3-Dichloropropene	8.372	75	113044	54.631	ug/L	100
40) 4-Methyl-2-pentanone	8.574	43	247328	114.234	ug/L	100
42) Toluene	8.720	91	301863	54.376	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	109346	55.154	ug/L	100
45) 1,1,2-Trichloroethane	9.153	97	72286	56.463	ug/L	97
46) Tetrachloroethene	9.275	164	51118	50.391	ug/L	98
48) 2-Hexanone	9.433	43	188194	105.542	ug/L	99
49) Dibromochloromethane	9.525	129	82216	56.264	ug/L	98
50) 1,2-Dibromoethane	9.610	107	77225	56.668	ug/L	97
51) Chlorobenzene	10.079	112	189696	55.427	ug/L	98
52) Ethylbenzene	10.195	91	316434	54.224	ug/L	100
53) m,p-Xylene	10.305	106	120445	54.078	ug/L	97
54) o-Xylene	10.646	106	119476	55.221	ug/L	98
55) Styrene	10.659	104	207064	55.752	ug/L	95
57) 1,1,2,2-Tetrachloroethane	11.213	83	111132	55.272	ug/L	99
59) Bromoform	10.805	173	56346	55.993	ug/L	99
60) Isopropylbenzene	10.963	105	295775	52.906	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	91710	57.890	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	252233	54.187	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	256973	54.752	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	133589	54.710	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	135197	54.036	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	134970	55.482	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	26259	55.260	ug/L	99
69) 1,3,5-Trichlorobenzene	13.115	180	83272	50.180	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	76626	51.300	ug/L	99
71) Naphthalene	13.780	128	313371	55.775	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	79336	52.343	ug/L	99

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

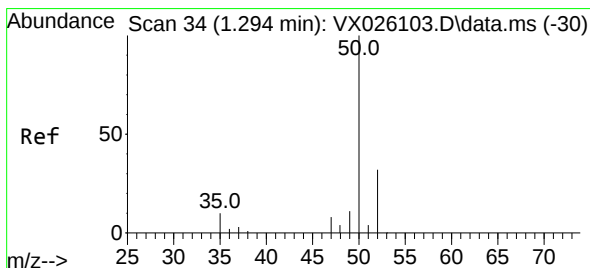
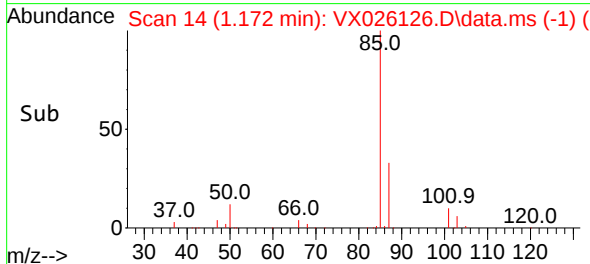
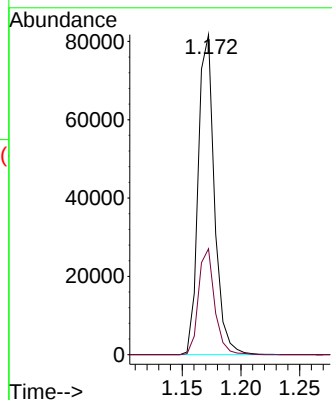


#2
 Dichlorodifluoromethane
 Concen: 40.913 ug/L
 RT: 1.172 min Scan# 14
 Delta R.T. 0.000 min
 Lab File: VX026126.D
 Acq: 29 Dec 2021 02:33

Instrument :
 MSVOA_X
 ClientSampleId :

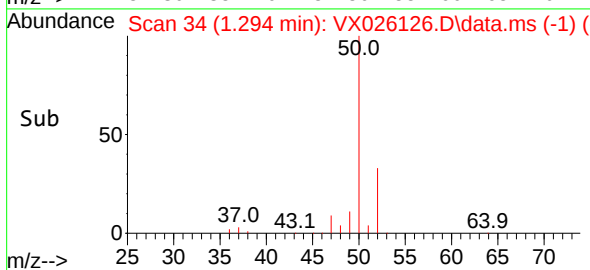
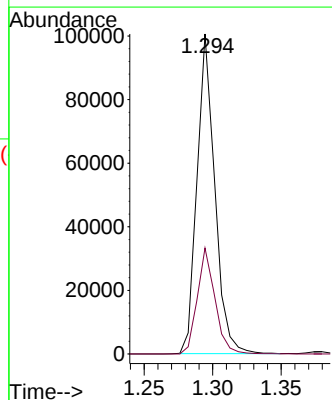
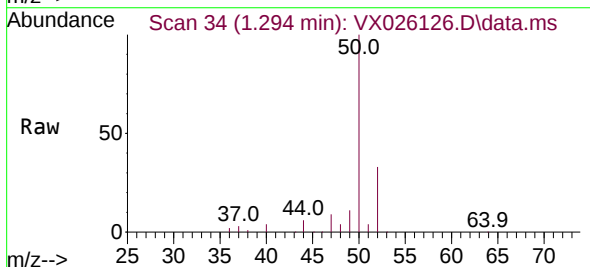


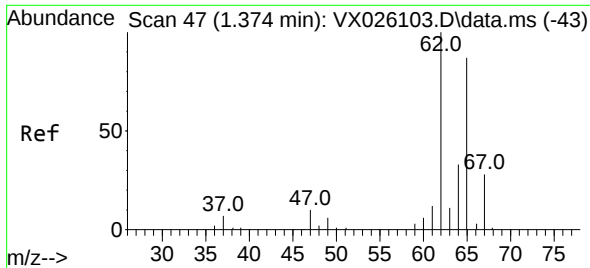
Tgt Ion: 85 Resp: 78863
 Ion Ratio Lower Upper
 85 100
 87 33.0 25.7 38.5



#3
 Chloromethane
 Concen: 54.170 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: VX026126.D
 Acq: 29 Dec 2021 02:33

Tgt Ion: 50 Resp: 90877
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.7 43.9

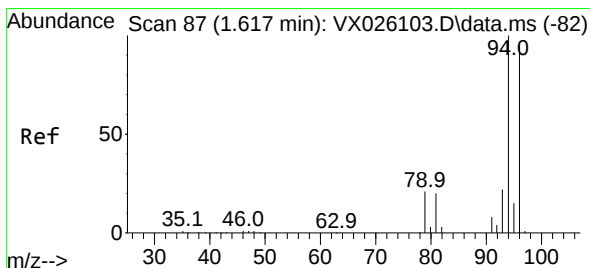
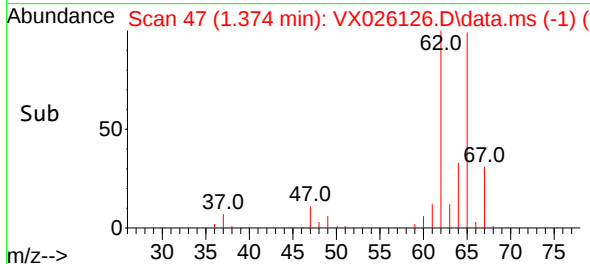
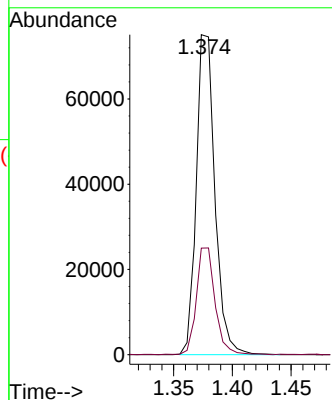
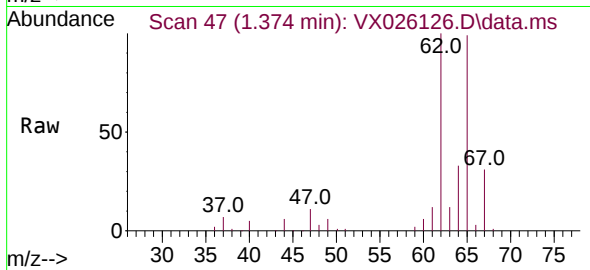




#5
 Vinyl chloride
 Concen: 49.336 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX026126.D
 Acq: 29 Dec 2021 02:33

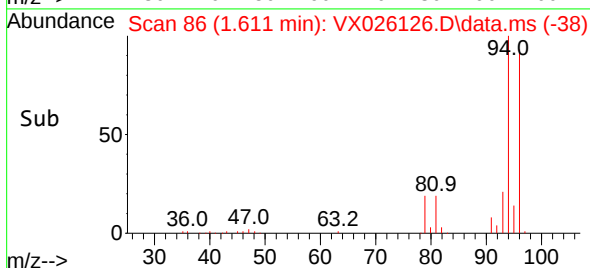
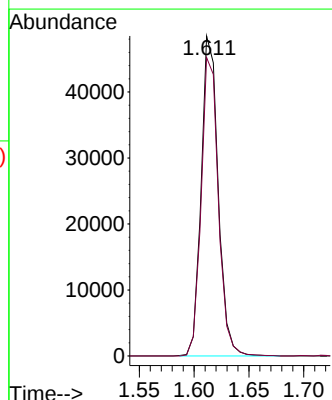
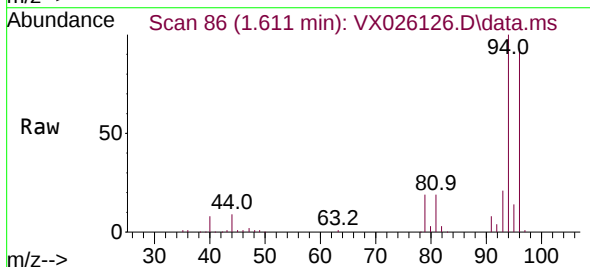
Instrument :
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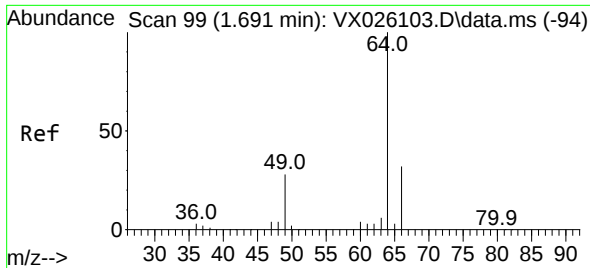
Tgt Ion: 62 Resp: 83078
 Ion Ratio Lower Upper
 62 100
 64 33.3 23.2 43.2



#6
 Bromomethane
 Concen: 53.183 ug/L
 RT: 1.611 min Scan# 86
 Delta R.T. -0.006 min
 Lab File: VX026126.D
 Acq: 29 Dec 2021 02:33

Tgt Ion: 94 Resp: 52140
 Ion Ratio Lower Upper
 94 100
 96 93.3 65.8 122.2

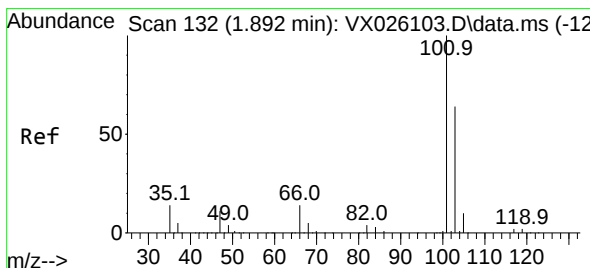
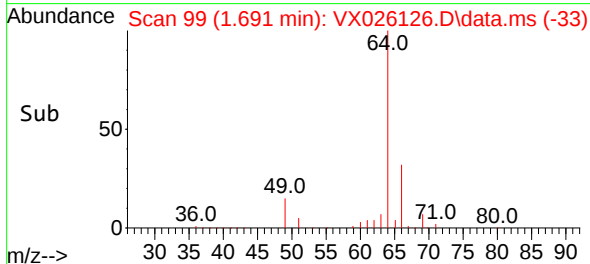
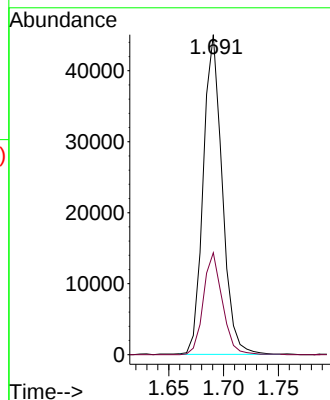
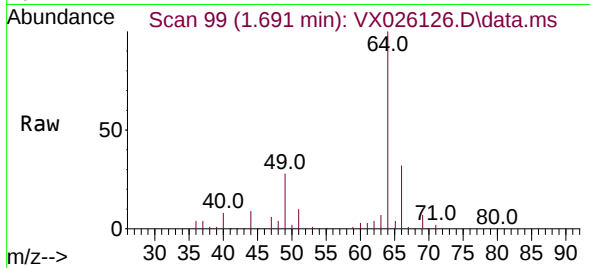




#8
Chloroethane
Concen: 54.624 ug/L
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX026126.D
Acq: 29 Dec 2021 02:33

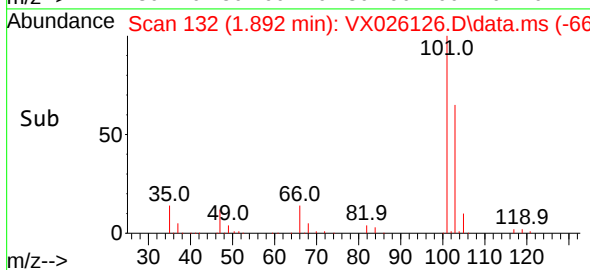
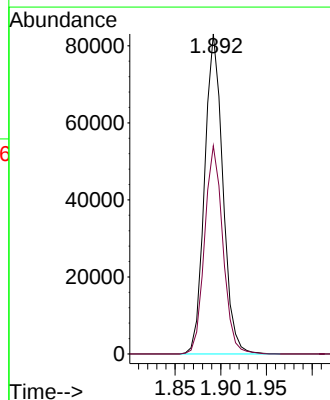
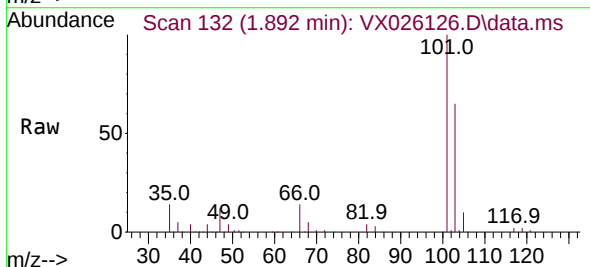
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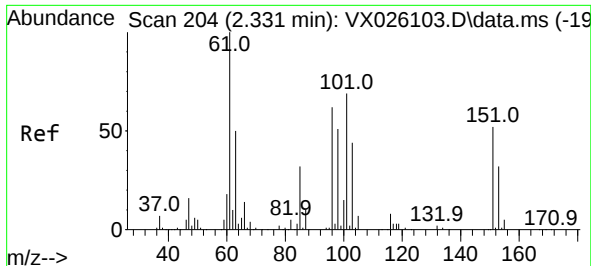
Tgt Ion: 64 Resp: 54163
Ion Ratio Lower Upper
64 100
66 31.8 22.5 41.7



#9
Trichlorofluoromethane
Concen: 44.512 ug/L
RT: 1.892 min Scan# 132
Delta R.T. 0.000 min
Lab File: VX026126.D
Acq: 29 Dec 2021 02:33

Tgt Ion: 101 Resp: 114923
Ion Ratio Lower Upper
101 100
103 65.2 51.2 76.8





#10

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

Concen: 40.897 ug/L

RT: 2.337 min Scan# 204

Delta R.T. 0.006 min

Lab File: VX026126.D

Acq: 29 Dec 2021 02:33

Instrument :

MSVOA_X

ClientSampleId :

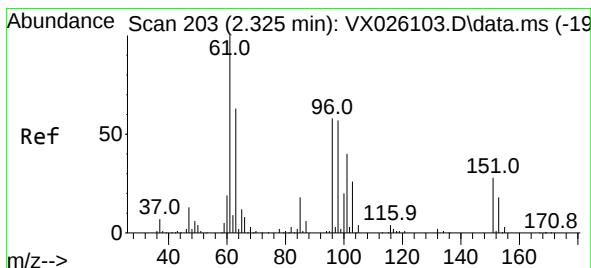
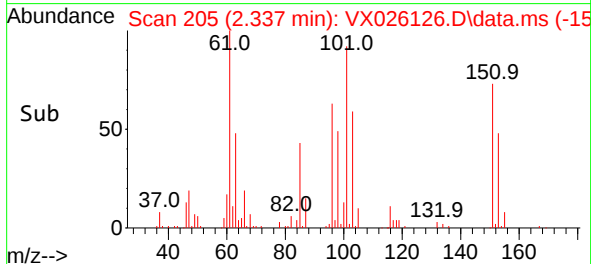
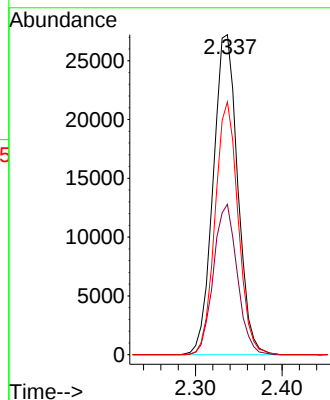
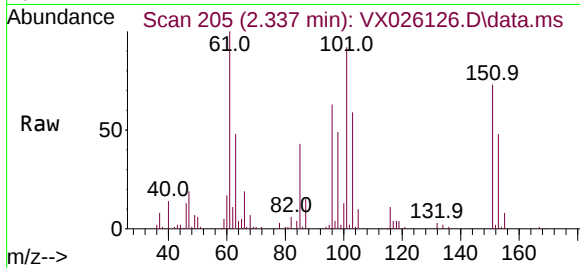
Tgt Ion:101 Resp: 53578

Ion Ratio Lower Upper

101 100

85 45.5 36.6 55.0

151 74.1 58.5 87.7



#12

1,1-Dichloroethene

Concen: 50.363 ug/L

RT: 2.325 min Scan# 203

Delta R.T. 0.000 min

Lab File: VX026126.D

Acq: 29 Dec 2021 02:33

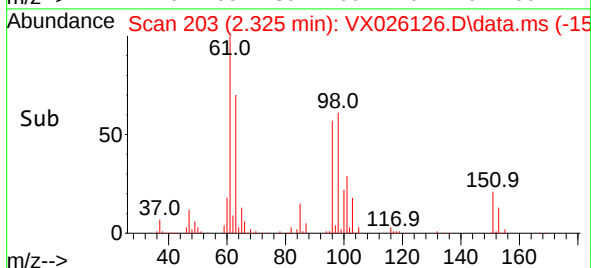
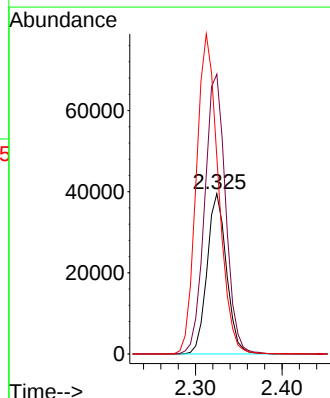
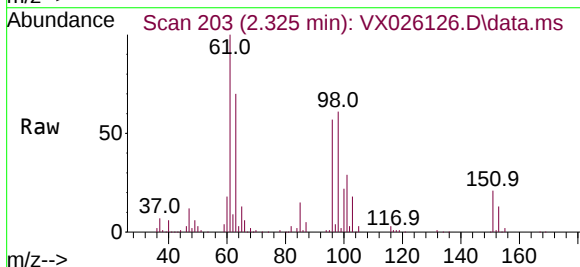
Tgt Ion: 96 Resp: 61385

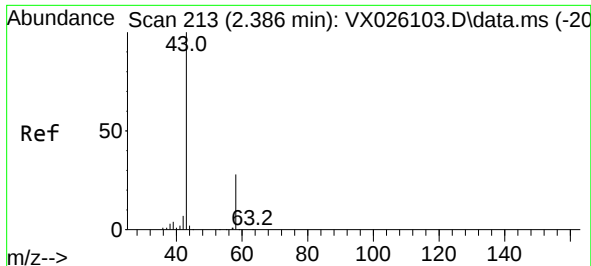
Ion Ratio Lower Upper

96 100

61 174.4 121.6 225.8

63 122.8 86.7 161.1





#13

Acetone

Concen: 79.197 ug/L

RT: 2.386 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX026126.D

Acq: 29 Dec 2021 02:33

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MSVOA_X

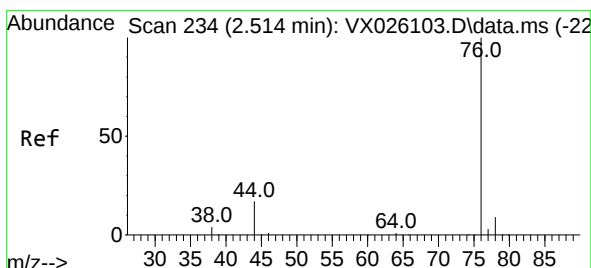
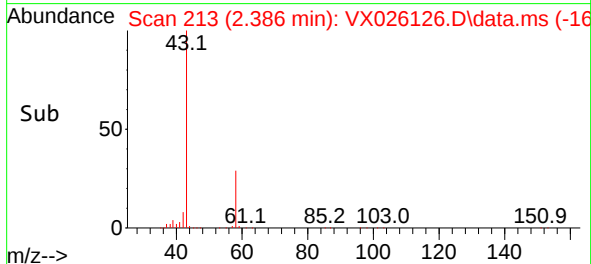
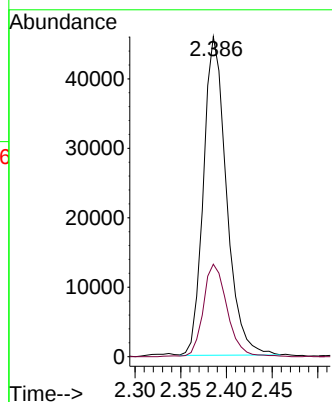
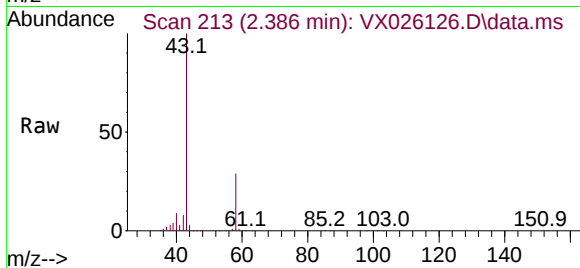
ClientSampleId :

Tgt Ion: 43 Resp: 80420

Ion Ratio Lower Upper

43 100

58 30.0 0.0 58.2



#14

Carbon disulfide

Concen: 48.412 ug/L

RT: 2.520 min Scan# 235

Delta R.T. 0.006 min

Lab File: VX026126.D

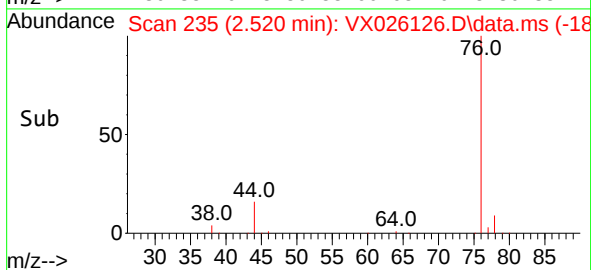
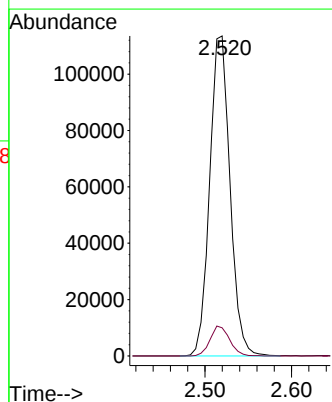
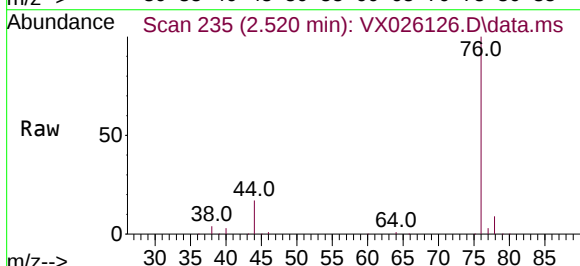
Acq: 29 Dec 2021 02:33

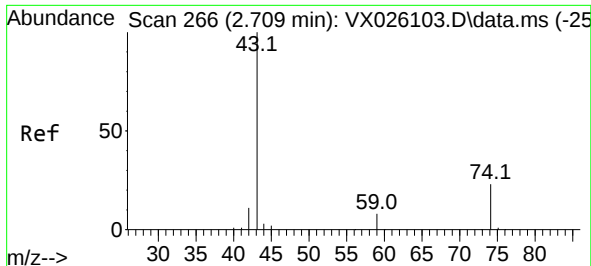
Tgt Ion: 76 Resp: 185282

Ion Ratio Lower Upper

76 100

78 8.8 7.1 10.7

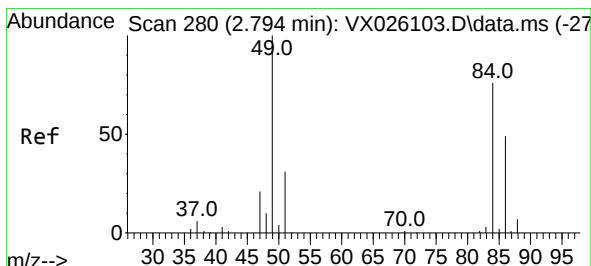
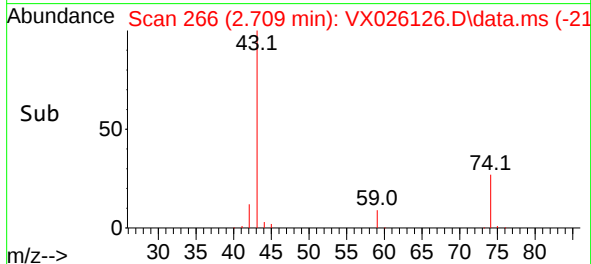
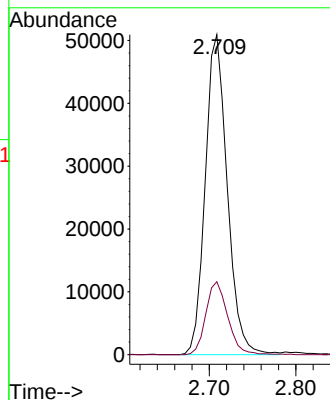
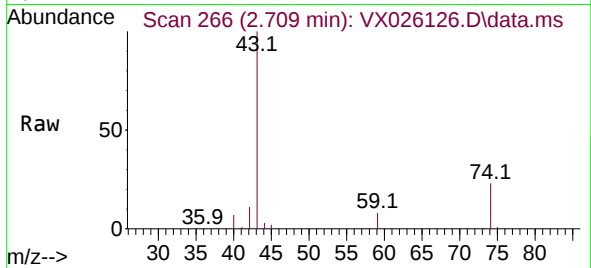




#15
Methyl Acetate
Concen: 56.285 ug/L
RT: 2.709 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX026126.D
Acq: 29 Dec 2021 02:33

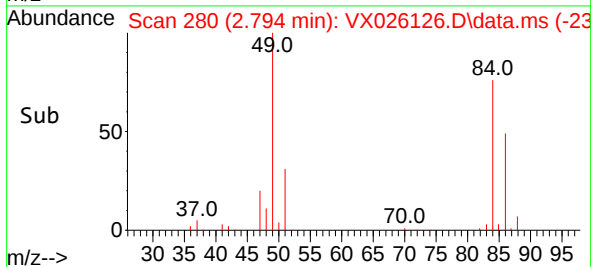
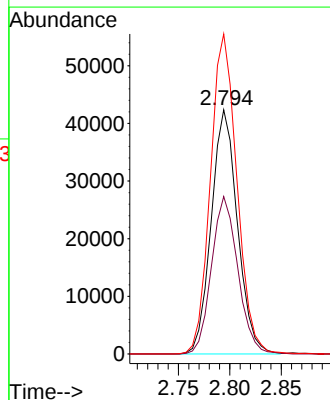
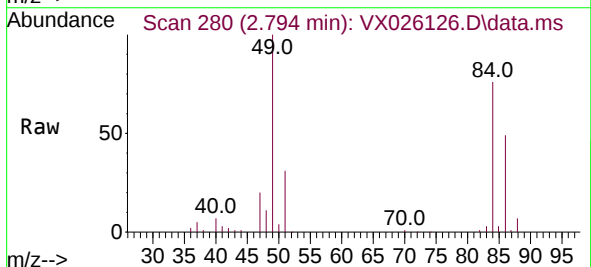
Instrument :
MSVOA_X
ClientSampleId :

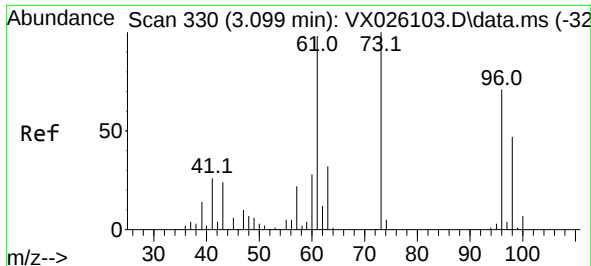
Tgt Ion: 43 Resp: 89937
Ion Ratio Lower Upper
43 100
74 22.5 17.8 26.6



#16
Methylene chloride
Concen: 55.325 ug/L
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX026126.D
Acq: 29 Dec 2021 02:33

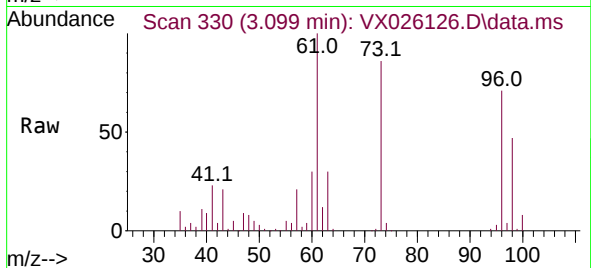
Tgt Ion: 84 Resp: 75106
Ion Ratio Lower Upper
84 100
86 64.5 44.6 82.8
49 131.0 89.6 166.4





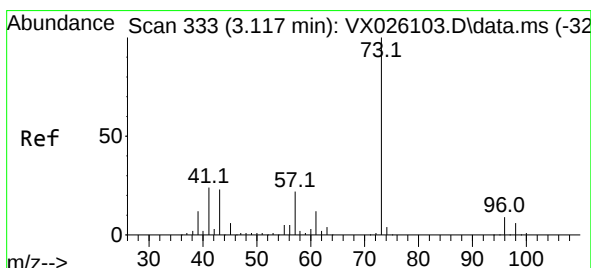
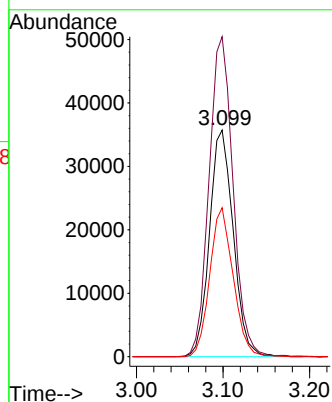
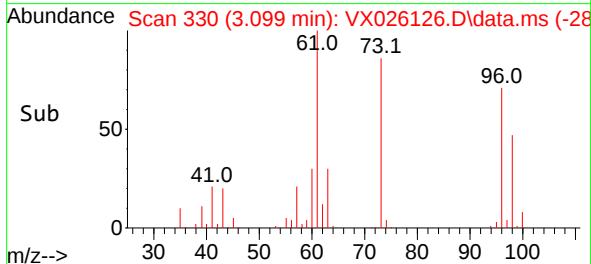
#17
trans-1,2-Dichloroethene
Concen: 53.096 ug/L
RT: 3.099 min Scan# 330
Delta R.T. 0.000 min
Lab File: VX026126.D
Acq: 29 Dec 2021 02:33

Instrument :
MSVOA_X
ClientSampleId :

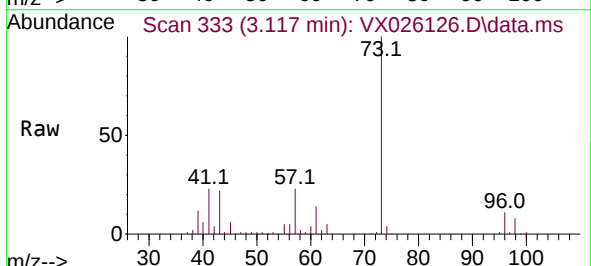


Tgt Ion: 96 Resp: 68124

Ion	Ratio	Lower	Upper
96	100		
61	141.2	98.6	183.2
98	65.8	44.9	83.3

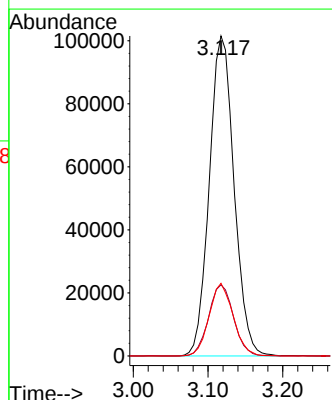
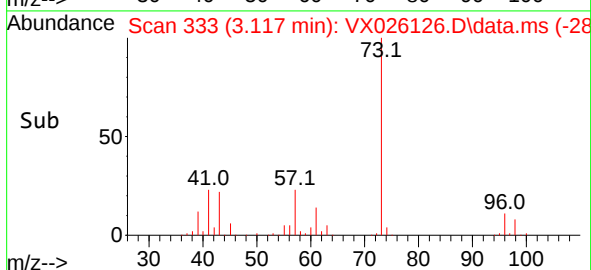


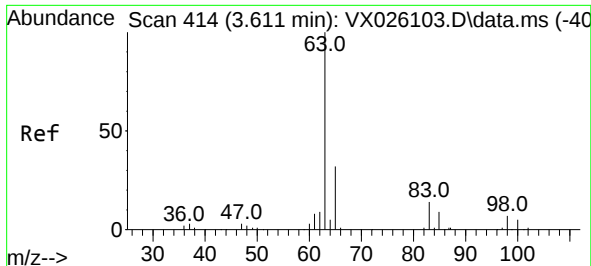
#18
Methyl tert-butyl Ether
Concen: 57.094 ug/L
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX026126.D
Acq: 29 Dec 2021 02:33



Tgt Ion: 73 Resp: 234190

Ion	Ratio	Lower	Upper
73	100		
43	22.4	17.9	26.9
57	22.1	17.8	26.6





#19

1,1-Dichloroethane

Concen: 55.661 ug/L

RT: 3.617 min Scan# 41

Delta R.T. 0.006 min

Lab File: VX026126.D

Acq: 29 Dec 2021 02:33

Instrument :

MSVOA_X

ClientSampleId :

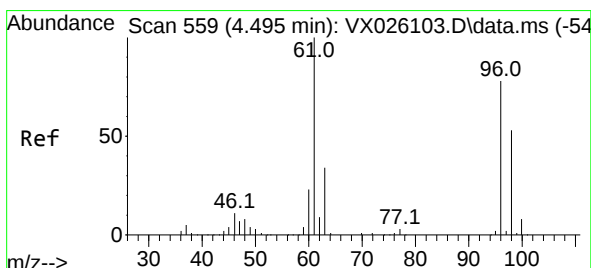
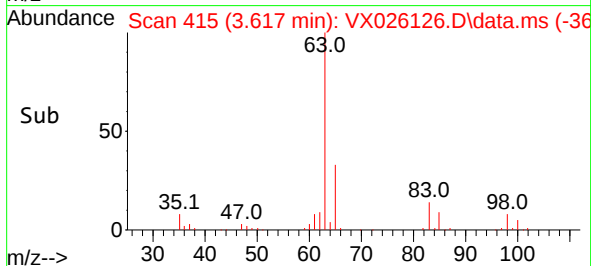
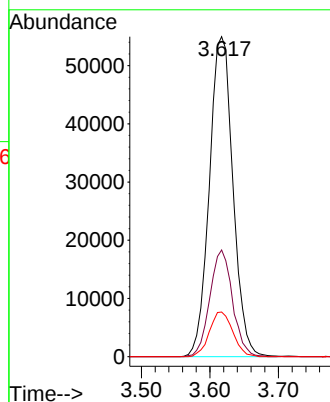
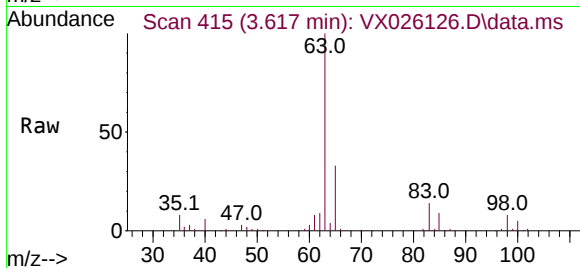
Tgt Ion: 63 Resp: 131441

Ion Ratio Lower Upper

63 100

65 33.4 21.8 40.6

83 14.0 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 55.588 ug/L

RT: 4.495 min Scan# 559

Delta R.T. 0.000 min

Lab File: VX026126.D

Acq: 29 Dec 2021 02:33

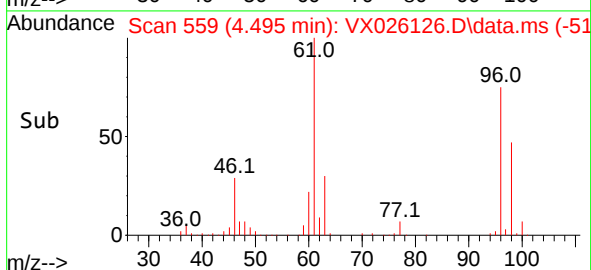
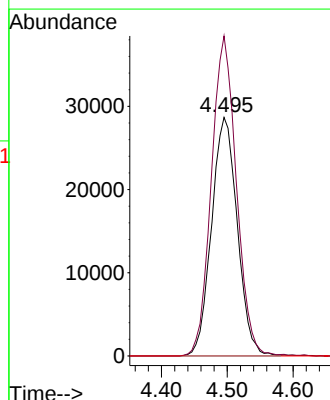
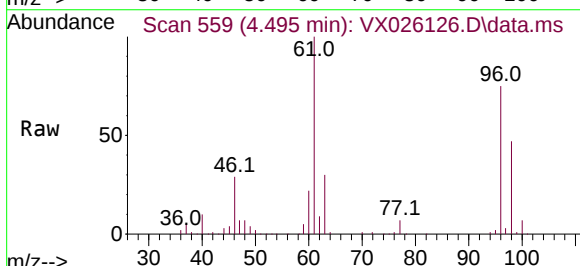
Tgt Ion: 96 Resp: 78052

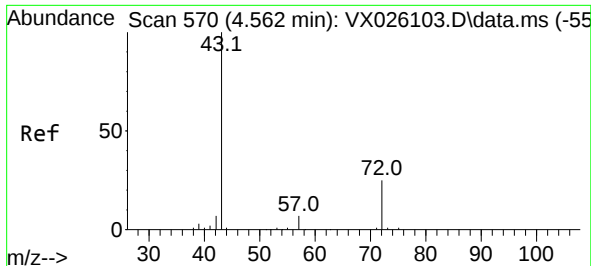
Ion Ratio Lower Upper

96 100

61 134.1 88.8 165.0

68 0.0 0.0 0.0

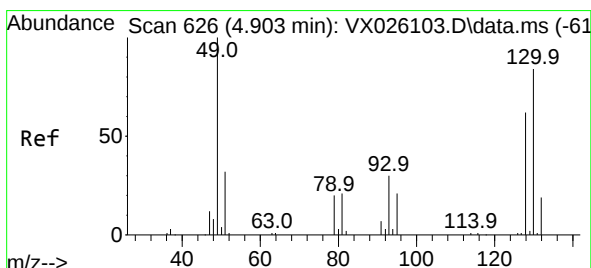
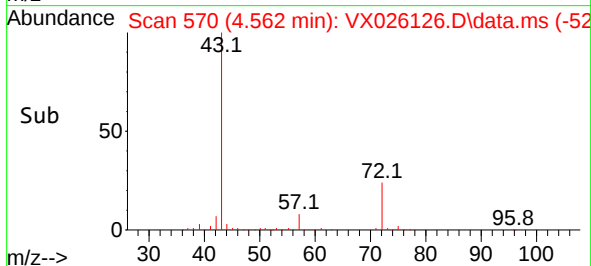
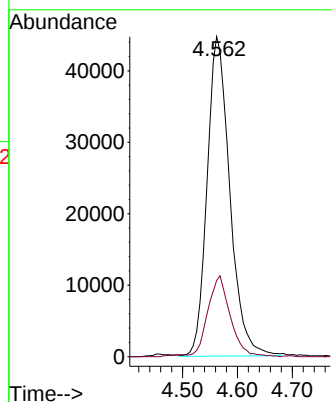
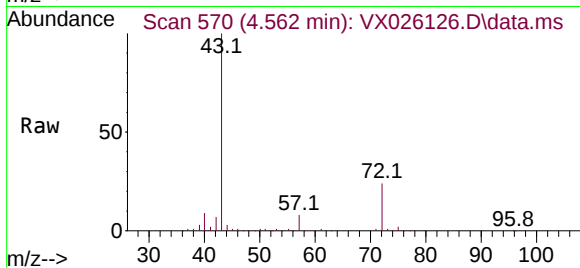




#22
2-Butanone
Concen: 96.324 ug/L
RT: 4.562 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX026126.D
Acq: 29 Dec 2021 02:33

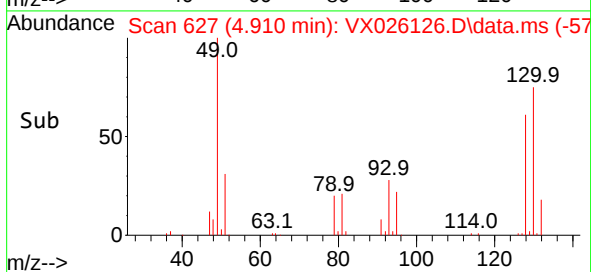
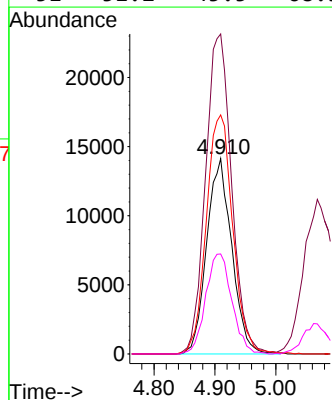
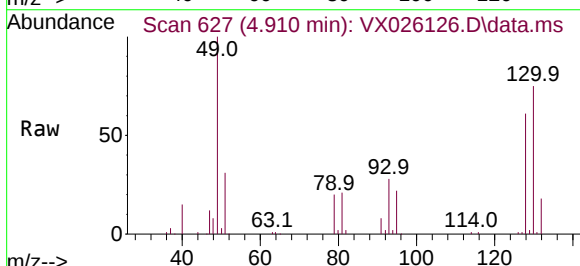
Instrument :
MSVOA_X
ClientSampleId :

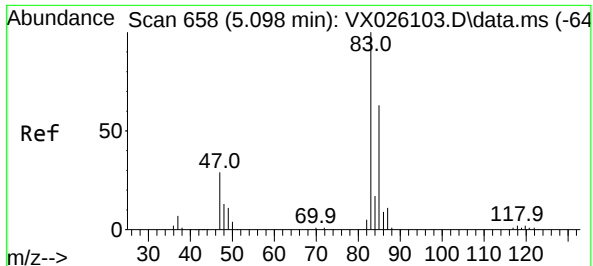
Tgt Ion: 43 Resp: 128696
Ion Ratio Lower Upper
43 100
72 24.9 12.0 36.1



#23
Bromochloromethane
Concen: 56.789 ug/L
RT: 4.910 min Scan# 627
Delta R.T. 0.006 min
Lab File: VX026126.D
Acq: 29 Dec 2021 02:33

Tgt Ion: 128 Resp: 40448
Ion Ratio Lower Upper
128 100
49 163.8 119.8 222.4
130 122.4 89.2 165.6
51 51.2 45.5 68.3





#25

Chloroform

Concen: 56.965 ug/L

RT: 5.105 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX026126.D

Acq: 29 Dec 2021 02:33

Instrument :

MSVOA_X

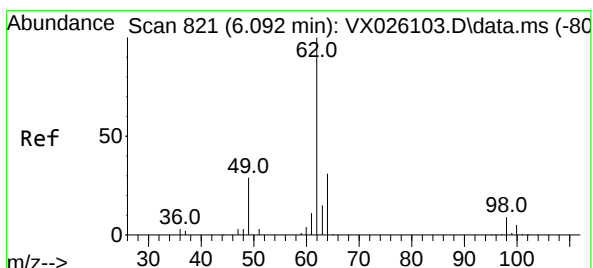
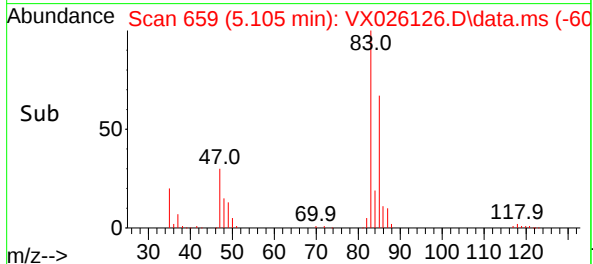
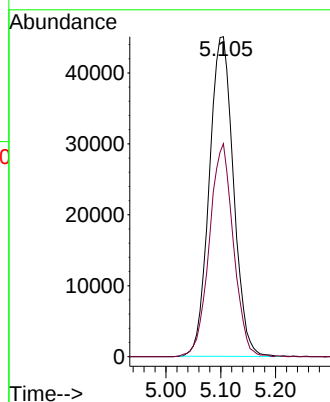
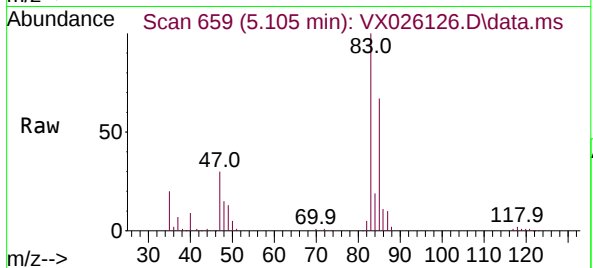
ClientSampleId :

Tgt Ion: 83 Resp: 138323

Ion Ratio Lower Upper

83 100

85 66.5 44.5 82.7



#27

1,2-Dichloroethane

Concen: 56.963 ug/L

RT: 6.092 min Scan# 821

Delta R.T. 0.000 min

Lab File: VX026126.D

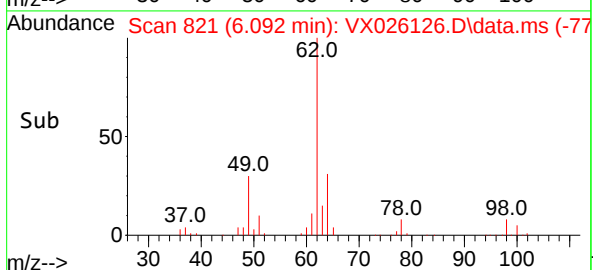
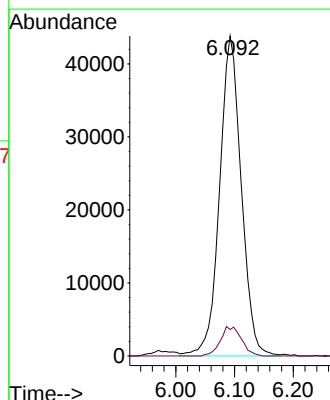
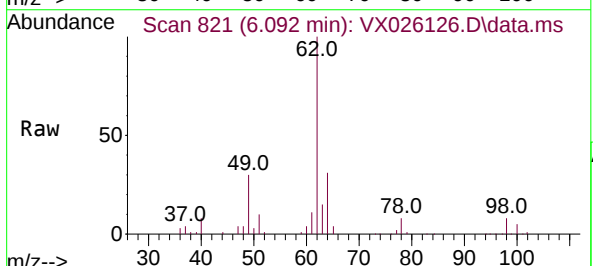
Acq: 29 Dec 2021 02:33

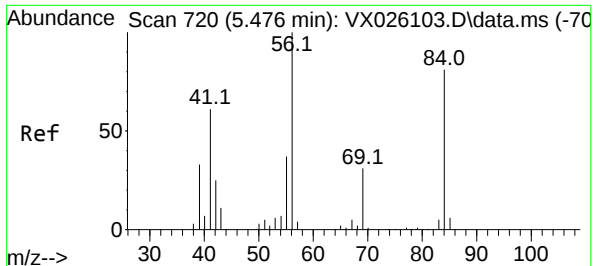
Tgt Ion: 62 Resp: 112361

Ion Ratio Lower Upper

62 100

98 8.3 8.1 12.1





#29

Cyclohexane

Concen: 42.415 ug/L

RT: 5.477 min Scan# 70

Delta R.T. 0.000 min

Lab File: VX026126.D

Acq: 29 Dec 2021 02:33

Instrument :

MSVOA_X

ClientSampleId :

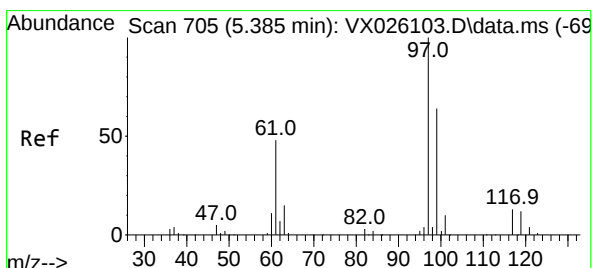
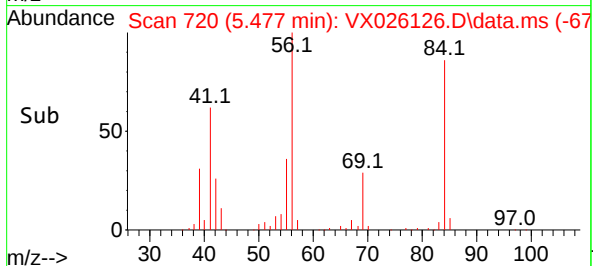
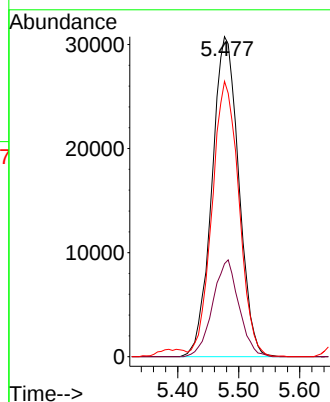
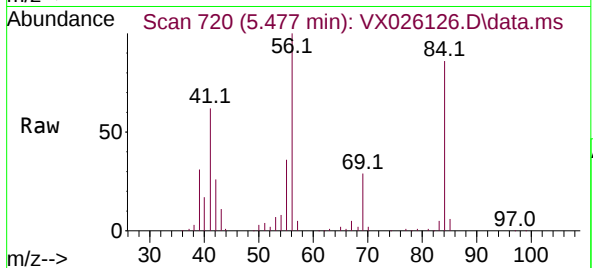
Tgt Ion: 56 Resp: 94226

Ion Ratio Lower Upper

56 100

69 29.4 23.9 35.9

84 86.1 69.4 104.2



#30

1,1,1-Trichloroethane

Concen: 51.842 ug/L

RT: 5.397 min Scan# 707

Delta R.T. 0.012 min

Lab File: VX026126.D

Acq: 29 Dec 2021 02:33

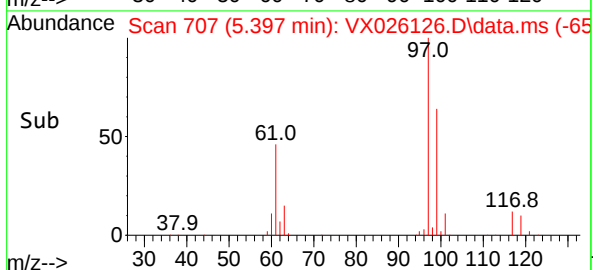
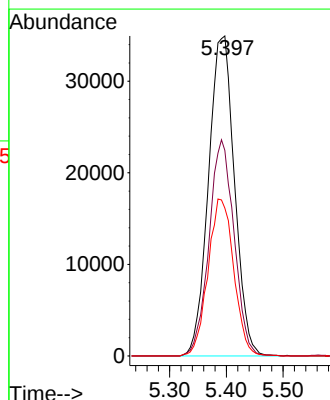
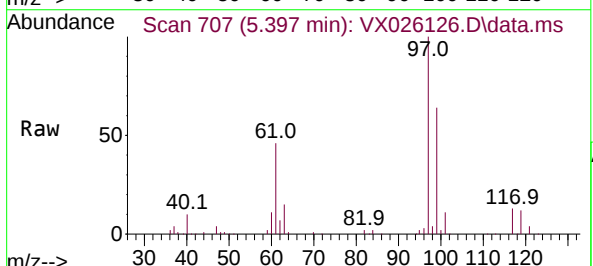
Tgt Ion: 97 Resp: 111415

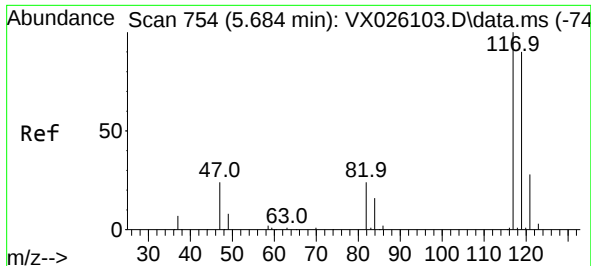
Ion Ratio Lower Upper

97 100

99 65.1 51.6 77.4

61 48.6 38.3 57.5

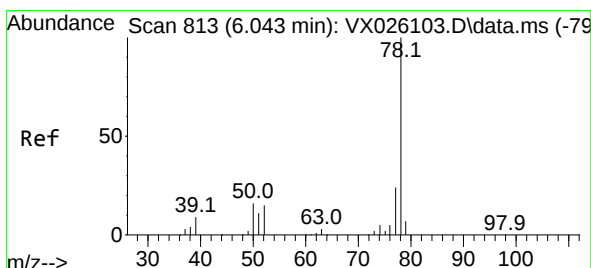
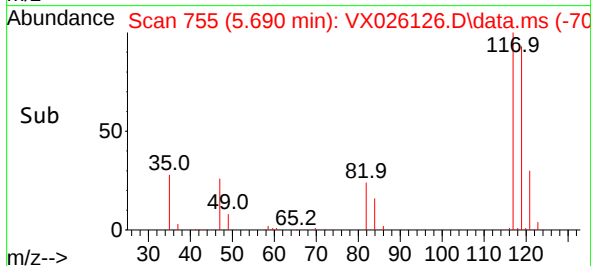
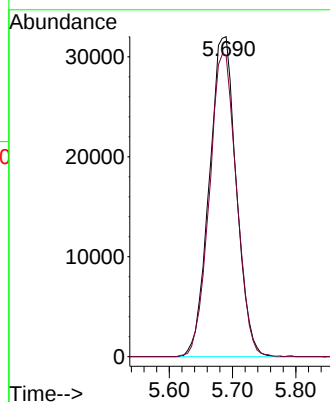
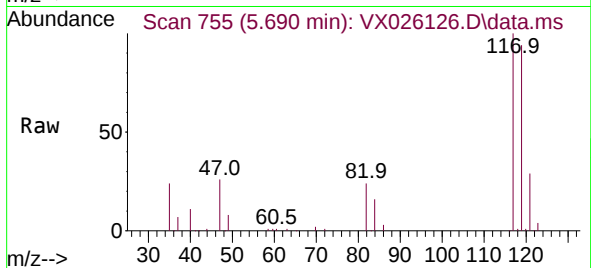




#31
Carbon tetrachloride
Concen: 49.129 ug/L
RT: 5.690 min Scan# 711
Delta R.T. 0.006 min
Lab File: VX026126.D
Acq: 29 Dec 2021 02:33

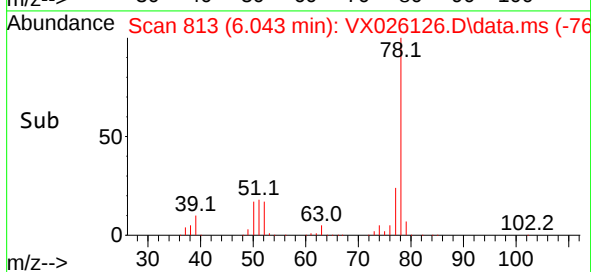
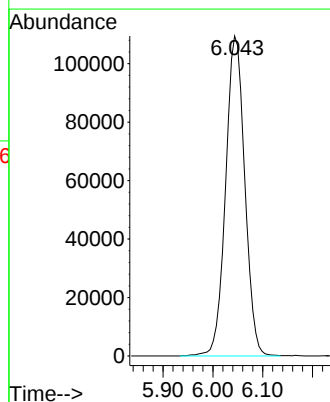
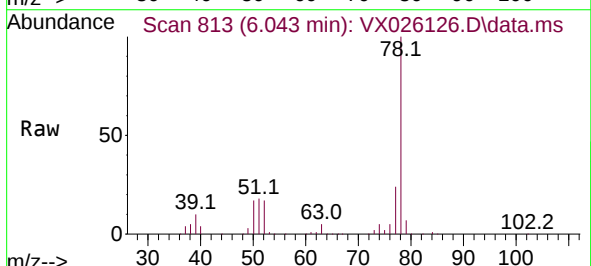
Instrument :
MSVOA_X
ClientSampleId :

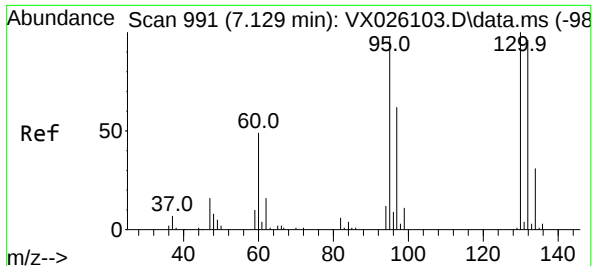
Tgt Ion:117 Resp: 94973
Ion Ratio Lower Upper
117 100
119 95.0 76.7 115.1



#33
Benzene
Concen: 56.078 ug/L
RT: 6.043 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX026126.D
Acq: 29 Dec 2021 02:33

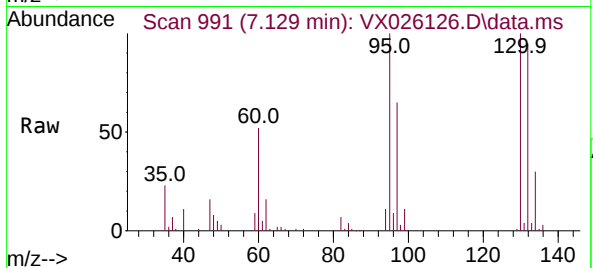
Tgt Ion: 78 Resp: 292278



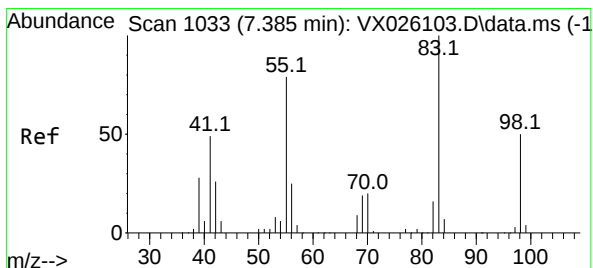
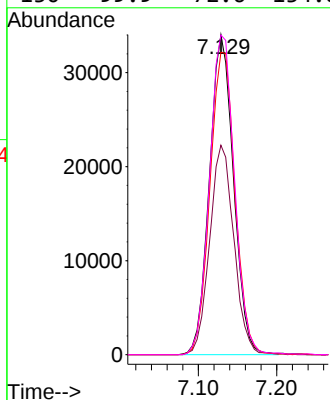
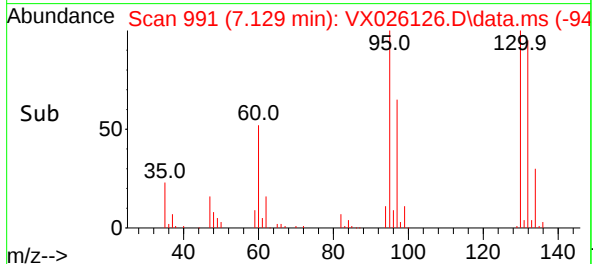


#34
Trichloroethene
Concen: 53.079 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX026126.D
Acq: 29 Dec 2021 02:33

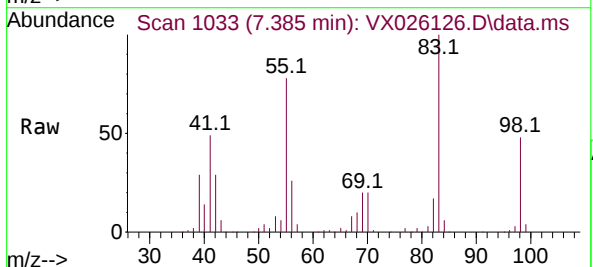
Instrument :
MSVOA_X
ClientSampleId :



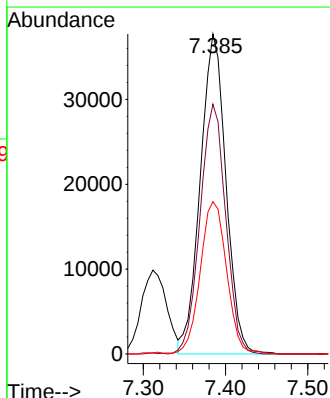
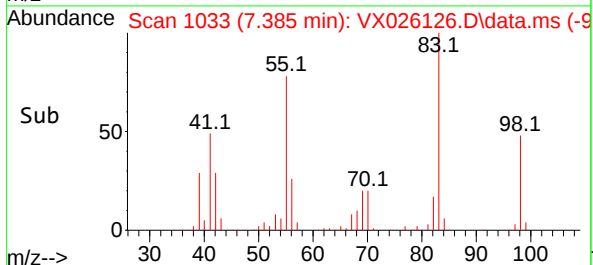
Tgt Ion: 95 Resp: 72840
Ion Ratio Lower Upper
95 100
97 65.5 46.3 85.9
132 94.5 68.7 127.7
130 99.9 72.6 134.8

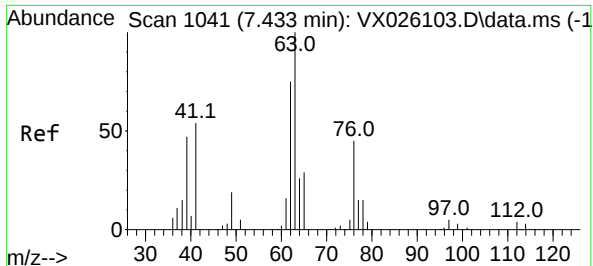


#35
Methylcyclohexane
Concen: 38.678 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX026126.D
Acq: 29 Dec 2021 02:33



Tgt Ion: 83 Resp: 81865
Ion Ratio Lower Upper
83 100
55 78.0 62.9 94.3
98 48.9 40.6 61.0





#37

1,2-Dichloropropane

Concen: 55.808 ug/L

RT: 7.434 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX026126.D

Acq: 29 Dec 2021 02:33

Instrument :

MSVOA_X

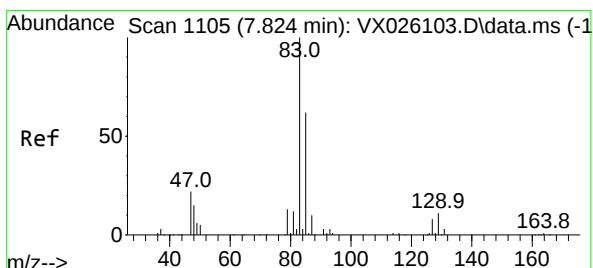
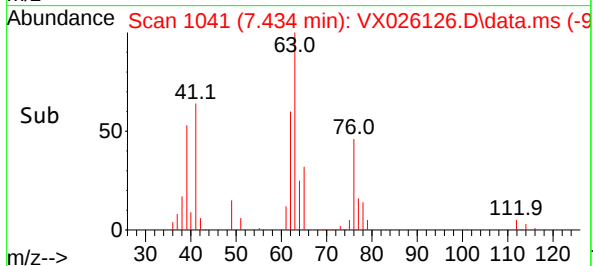
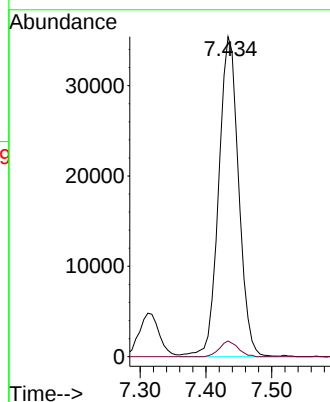
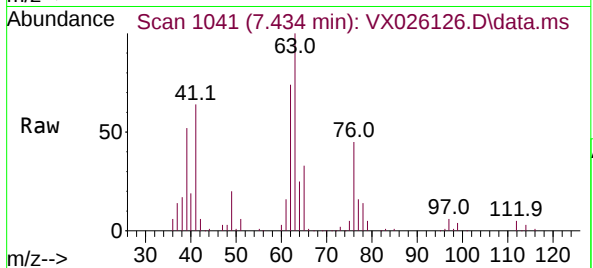
ClientSampleId :

Tgt Ion: 63 Resp: 74884

Ion Ratio Lower Upper

63 100

112 4.5 3.7 5.5



#38

Bromodichloromethane

Concen: 55.938 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX026126.D

Acq: 29 Dec 2021 02:33

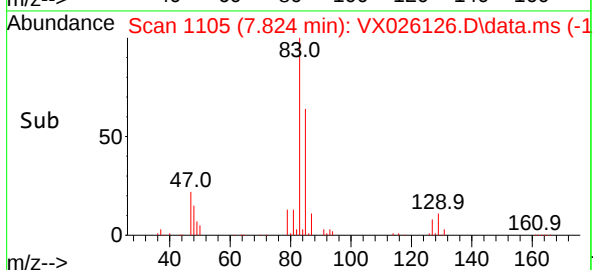
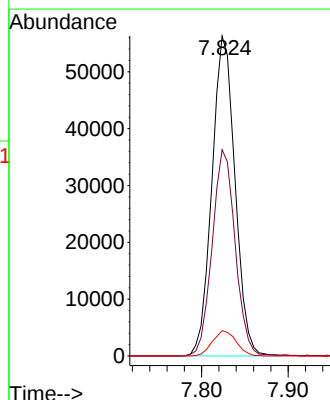
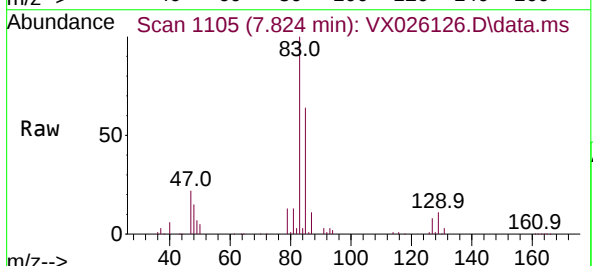
Tgt Ion: 83 Resp: 104281

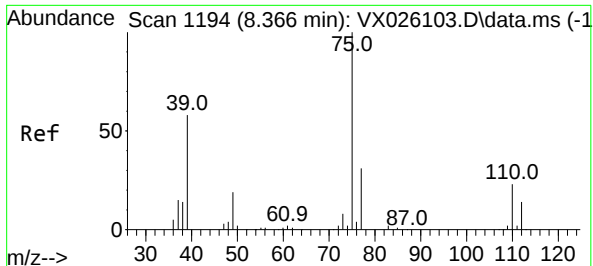
Ion Ratio Lower Upper

83 100

85 64.4 44.8 83.2

127 7.9 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 54.631 ug/L

RT: 8.372 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX026126.D

Acq: 29 Dec 2021 02:33

Instrument :

MSVOA_X

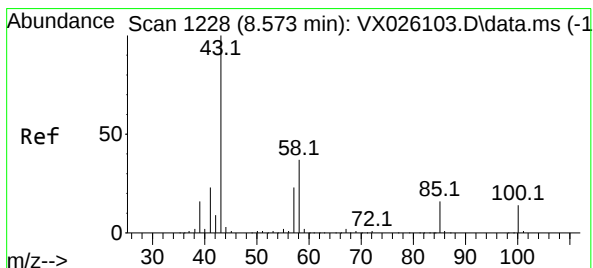
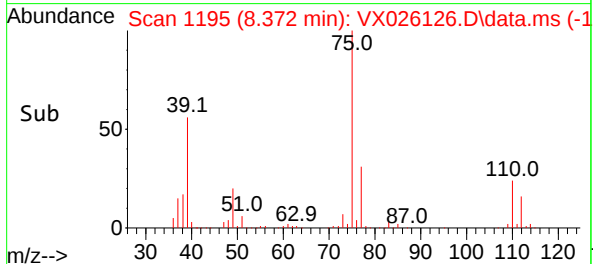
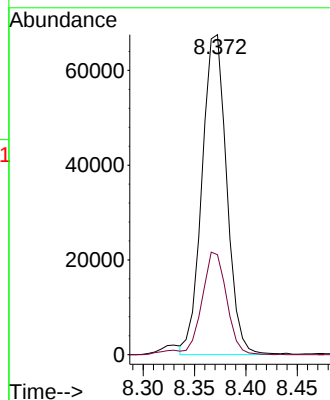
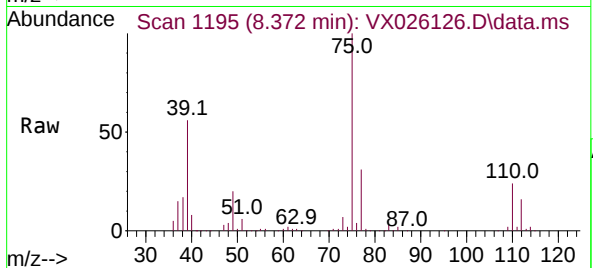
ClientSampleId :

Tgt Ion: 75 Resp: 113044

Ion Ratio Lower Upper

75 100

77 31.2 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 114.234 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX026126.D

Acq: 29 Dec 2021 02:33

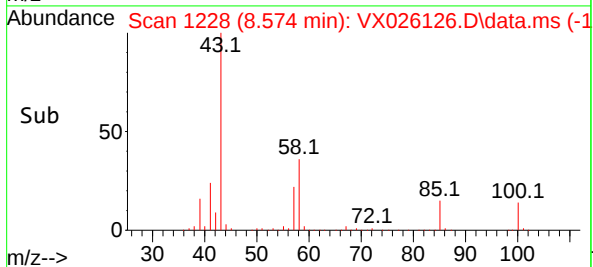
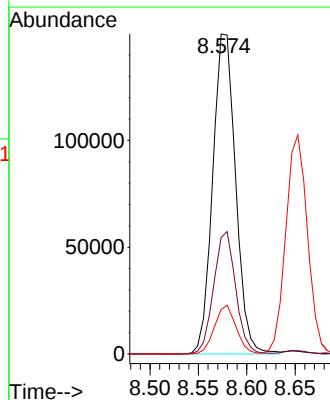
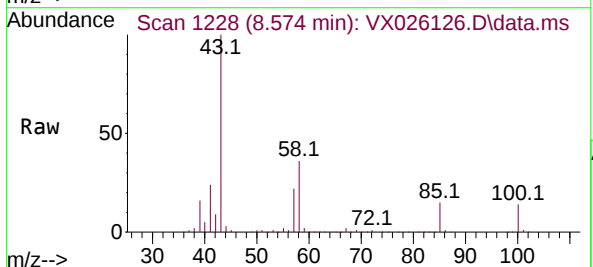
Tgt Ion: 43 Resp: 247328

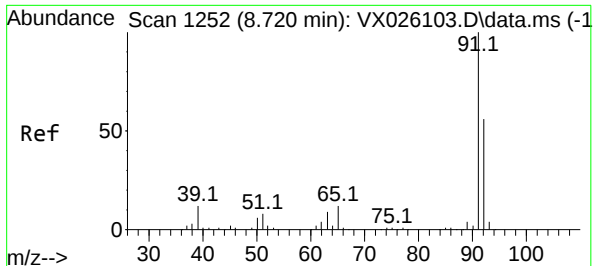
Ion Ratio Lower Upper

43 100

58 36.7 29.5 44.3

100 14.4 11.6 17.4





#42

Toluene

Concen: 54.376 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX026126.D

Acq: 29 Dec 2021 02:33

Instrument :

MSVOA_X

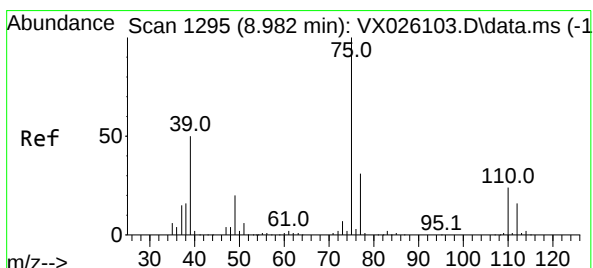
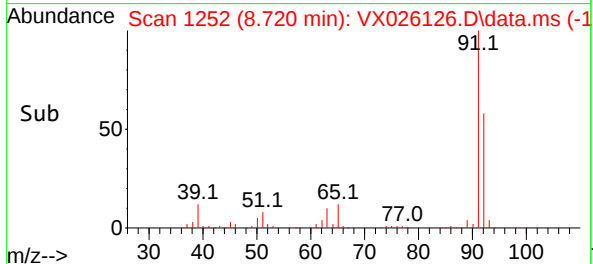
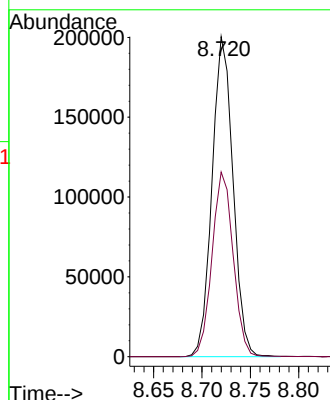
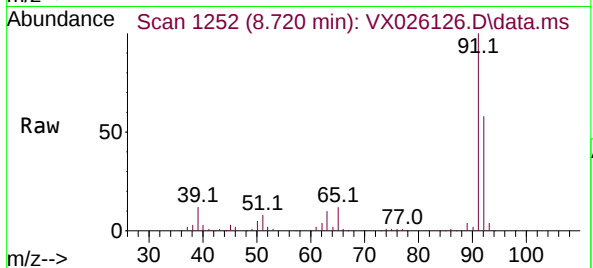
ClientSampleId :

Tgt Ion: 91 Resp: 301863

Ion Ratio Lower Upper

91 100

92 57.7 40.1 74.5



#44

trans-1,3-Dichloropropene

Concen: 55.154 ug/L

RT: 8.982 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VX026126.D

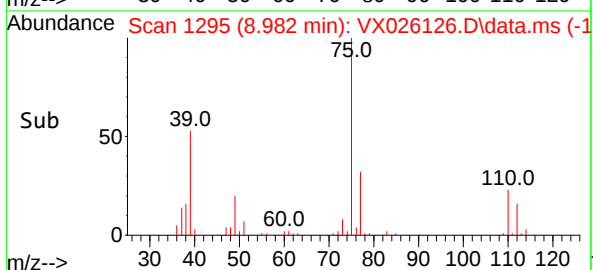
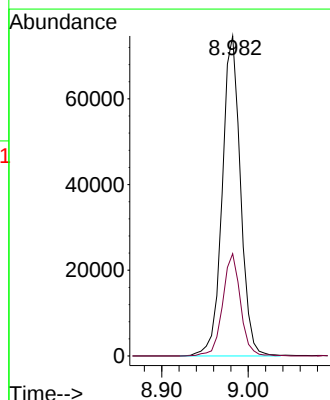
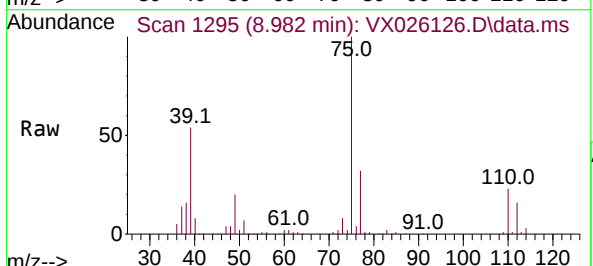
Acq: 29 Dec 2021 02:33

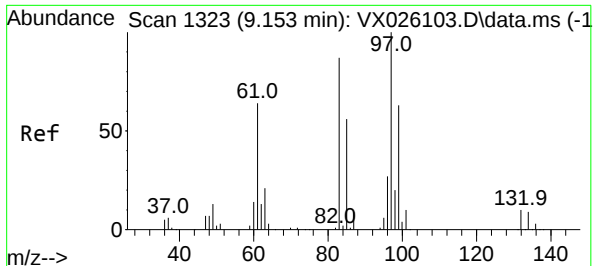
Tgt Ion: 75 Resp: 109346

Ion Ratio Lower Upper

75 100

77 31.9 22.5 41.7





#45

1,1,2-Trichloroethane

Concen: 56.463 ug/L

RT: 9.153 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX026126.D

Acq: 29 Dec 2021 02:33

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 72286

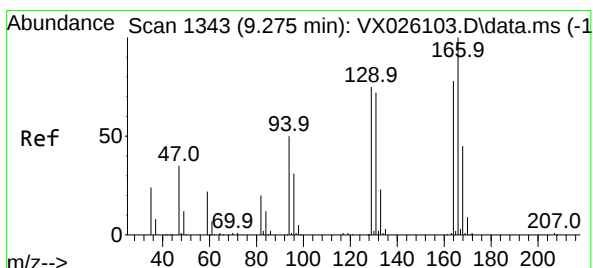
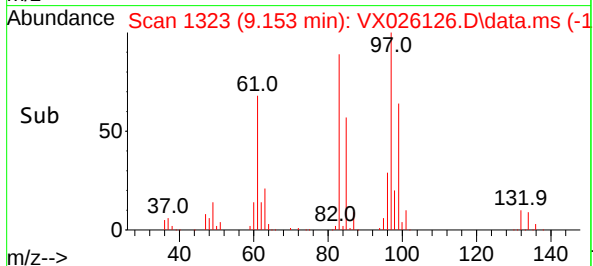
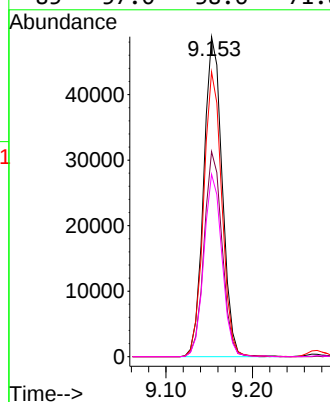
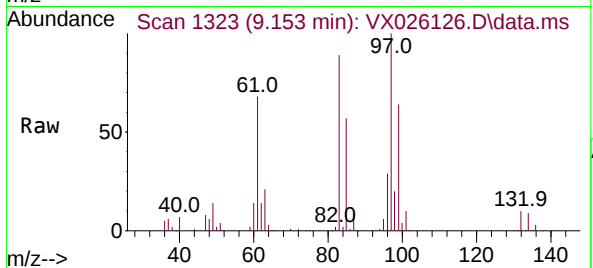
Ion Ratio Lower Upper

97 100

99 64.1 43.2 80.2

83 89.0 60.3 111.9

85 57.0 38.6 71.8



#46

Tetrachloroethene

Concen: 50.391 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX026126.D

Acq: 29 Dec 2021 02:33

Tgt Ion:164 Resp: 51118

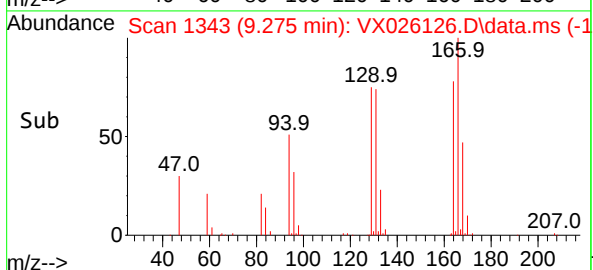
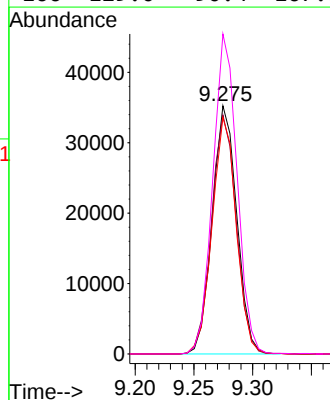
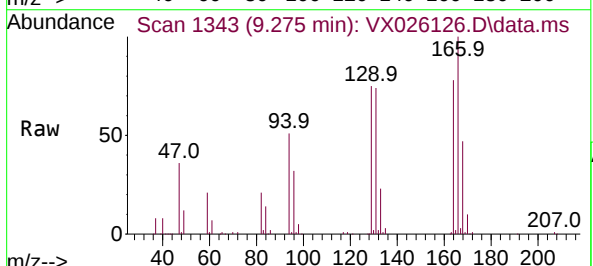
Ion Ratio Lower Upper

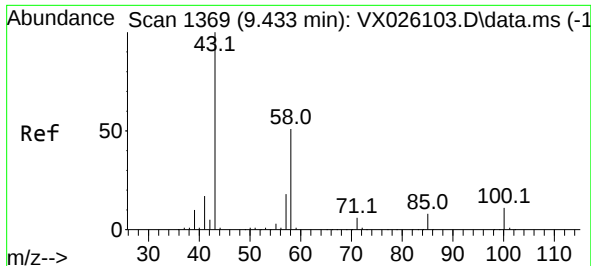
164 100

129 96.3 66.3 123.1

131 95.3 63.6 118.0

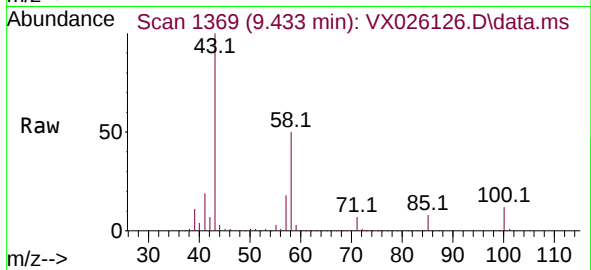
166 129.0 90.4 167.8



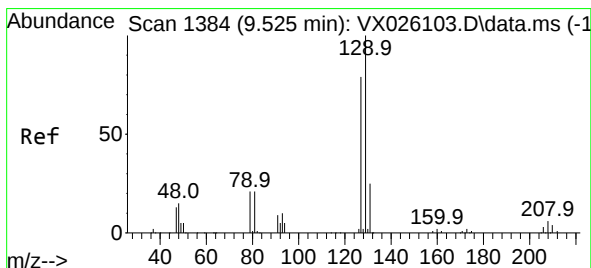
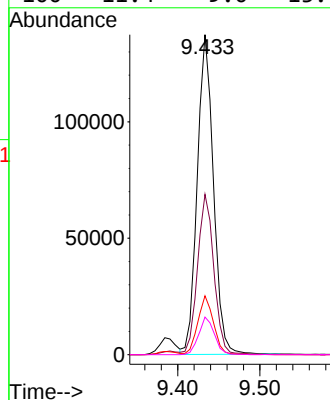
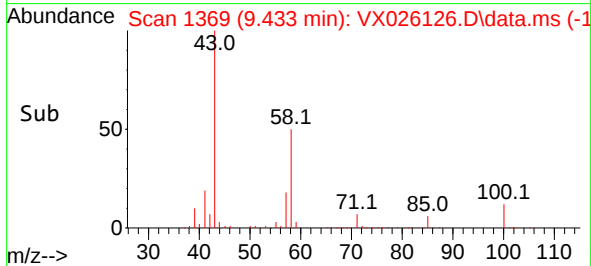


#48
2-Hexanone
Concen: 105.542 ug/L
RT: 9.433 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026126.D
Acq: 29 Dec 2021 02:33

Instrument :
MSVOA_X
ClientSampleId :

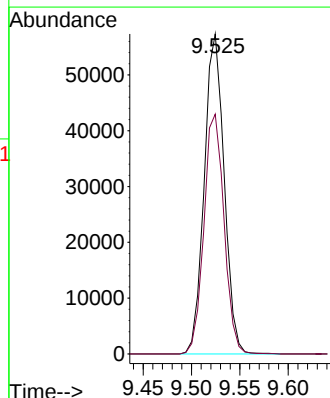
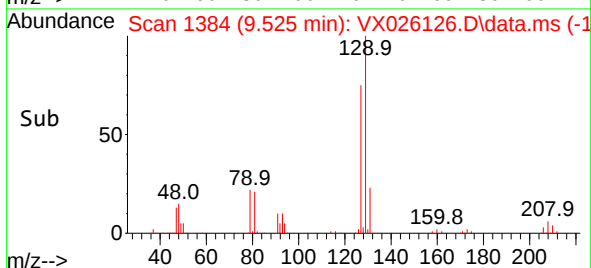
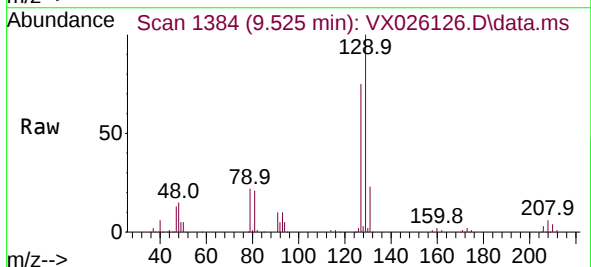


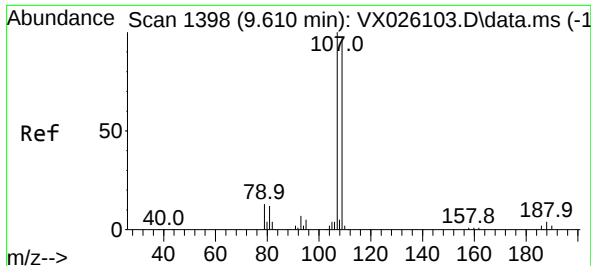
Tgt Ion: 43 Resp: 188194
Ion Ratio Lower Upper
43 100
58 50.7 40.8 61.2
57 17.5 14.3 21.5
100 11.4 9.0 13.4



#49
Dibromochloromethane
Concen: 56.264 ug/L
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX026126.D
Acq: 29 Dec 2021 02:33

Tgt Ion: 129 Resp: 82216
Ion Ratio Lower Upper
129 100
127 75.0 54.0 100.2





#50

1,2-Dibromoethane

Concen: 56.668 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX026126.D

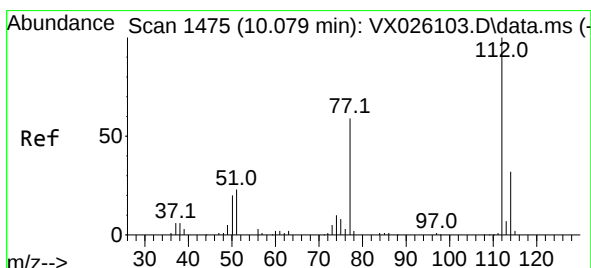
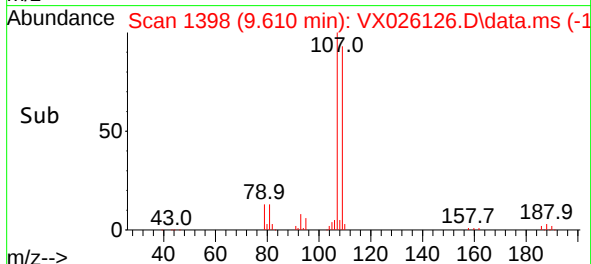
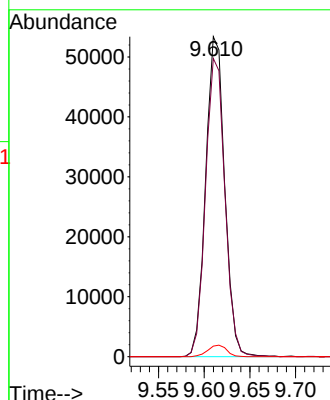
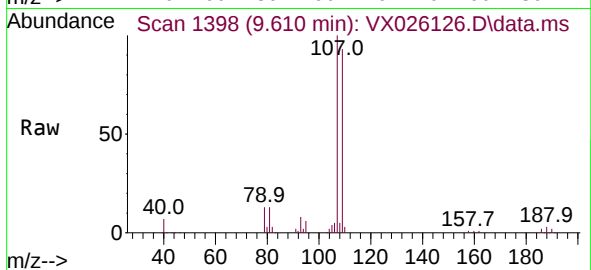
Acq: 29 Dec 2021 02:33

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:107	Resp:	77225
Ion	Ratio	Lower Upper
107	100	
109	93.2	63.5 117.9
188	3.3	2.9 4.3



#51

Chlorobenzene

Concen: 55.427 ug/L

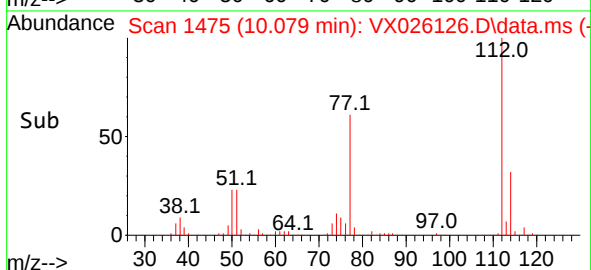
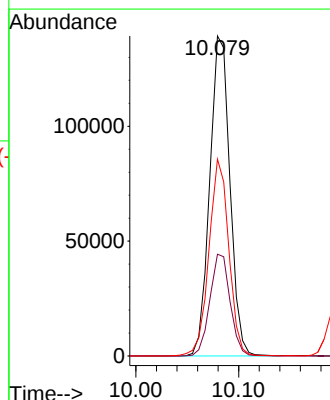
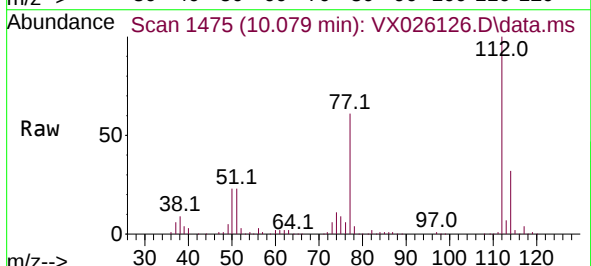
RT: 10.079 min Scan# 1475

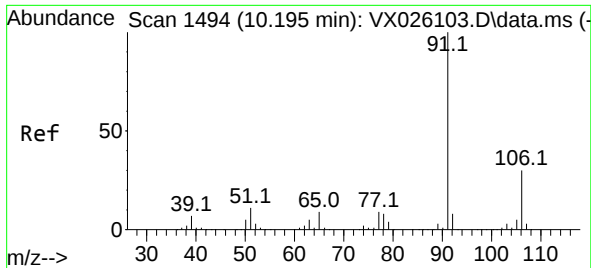
Delta R.T. 0.000 min

Lab File: VX026126.D

Acq: 29 Dec 2021 02:33

Tgt Ion:112	Resp:	189696
Ion	Ratio	Lower Upper
112	100	
114	31.8	22.2 41.2
77	61.5	47.8 71.8

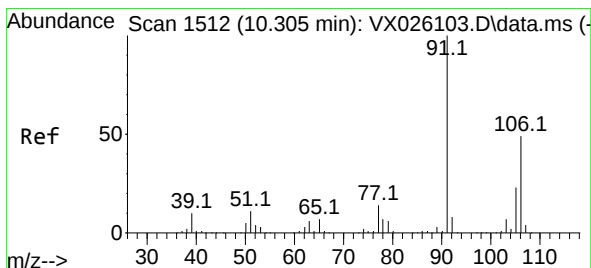
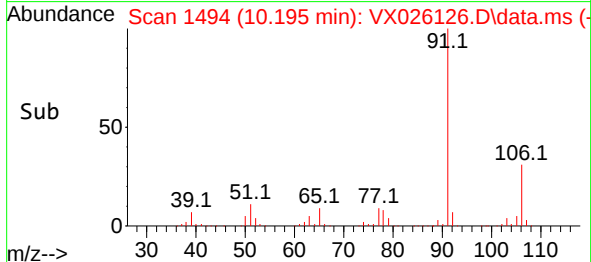
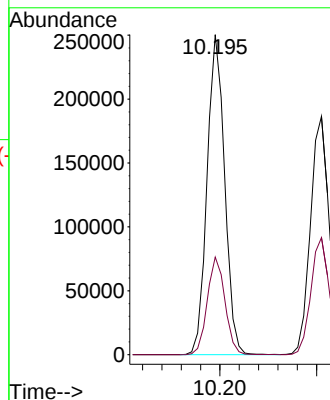
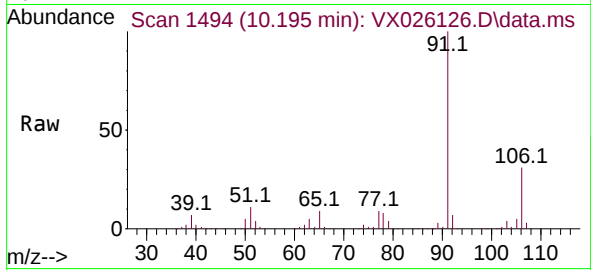




#52
Ethylbenzene
Concen: 54.224 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX026126.D
Acq: 29 Dec 2021 02:33

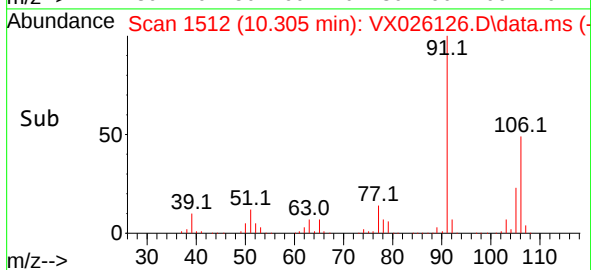
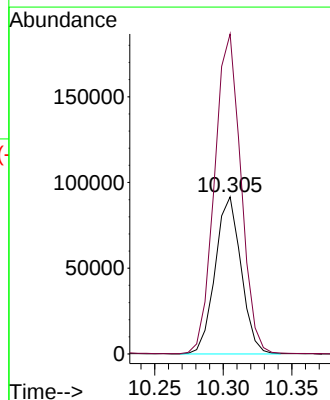
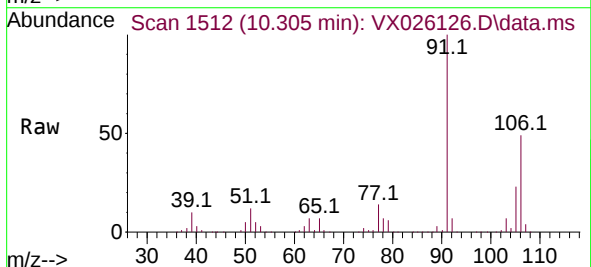
Instrument :
MSVOA_X
ClientSampleId :

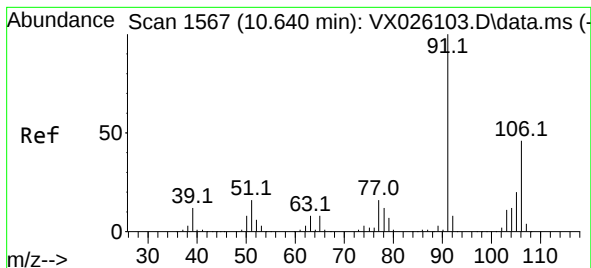
Tgt Ion: 91 Resp: 316434
Ion Ratio Lower Upper
91 100
106 30.5 21.5 39.9



#53
m,p-Xylene
Concen: 54.078 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX026126.D
Acq: 29 Dec 2021 02:33

Tgt Ion: 106 Resp: 120445
Ion Ratio Lower Upper
106 100
91 203.7 139.7 259.5





#54

o-Xylene

Concen: 55.221 ug/L

RT: 10.646 min Scan# 1567

Delta R.T. 0.006 min

Lab File: VX026126.D

Acq: 29 Dec 2021 02:33

Instrument :

MSVOA_X

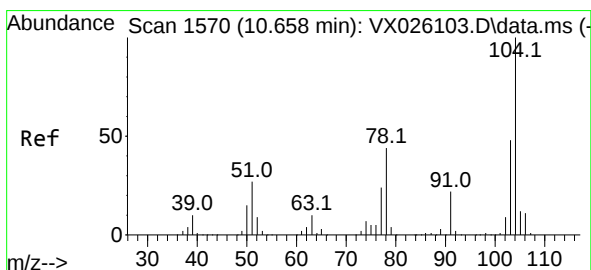
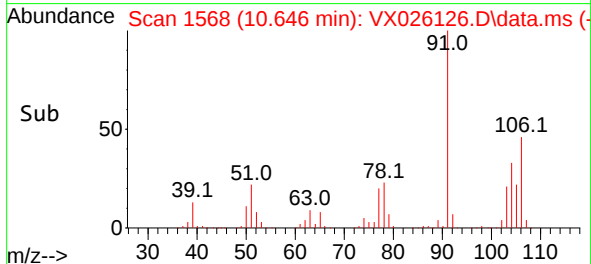
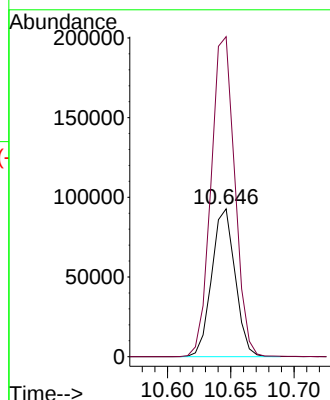
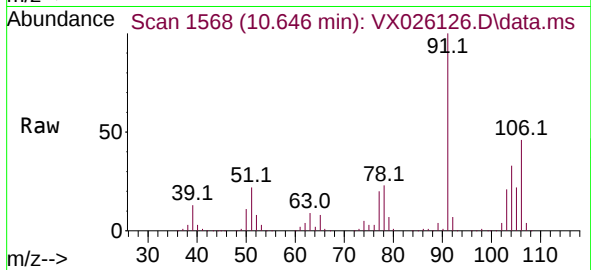
ClientSampleId :

Tgt Ion:106 Resp: 119476

Ion Ratio Lower Upper

106 100

91 216.5 149.1 276.9



#55

Styrene

Concen: 55.752 ug/L

RT: 10.659 min Scan# 1570

Delta R.T. 0.000 min

Lab File: VX026126.D

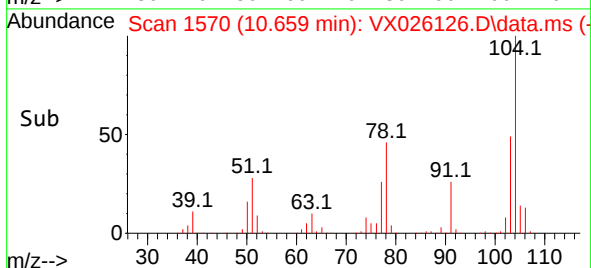
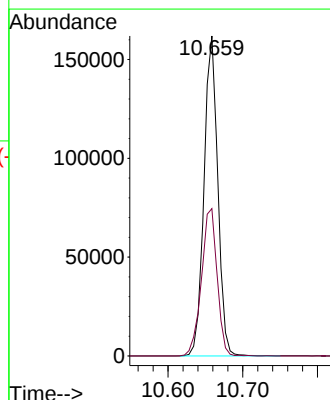
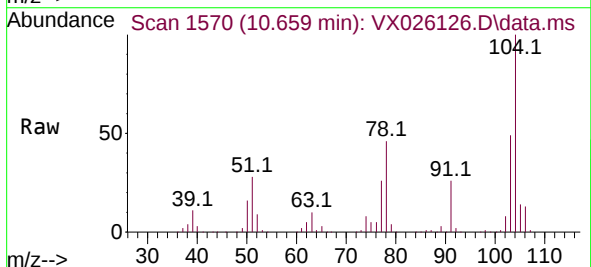
Acq: 29 Dec 2021 02:33

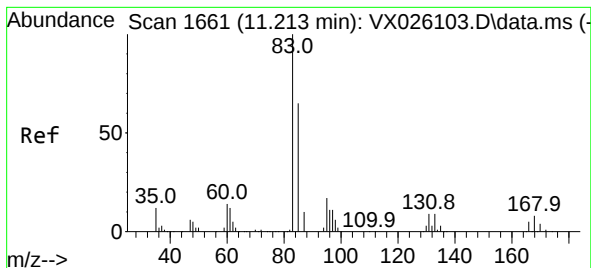
Tgt Ion:104 Resp: 207064

Ion Ratio Lower Upper

104 100

78 46.0 30.2 56.0





#57

1,1,2,2-Tetrachloroethane

Concen: 55.272 ug/L

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX026126.D

Acq: 29 Dec 2021 02:33

Instrument :

MSVOA_X

ClientSampleId :

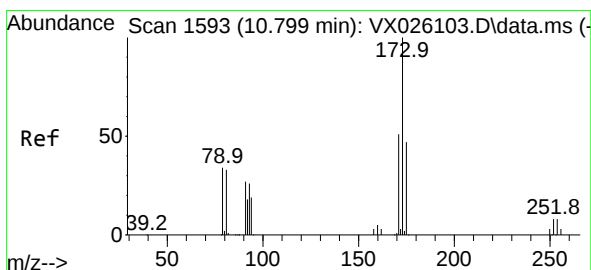
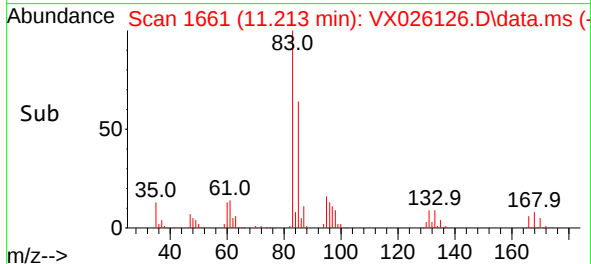
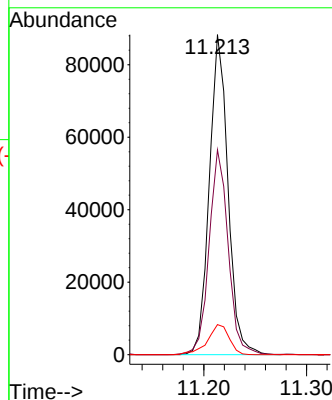
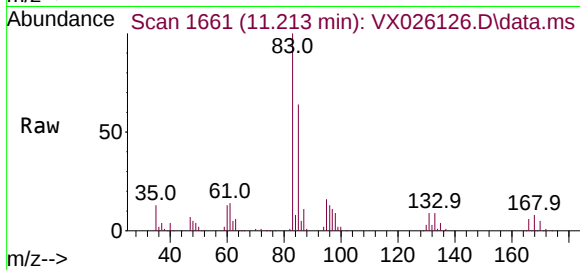
Tgt Ion: 83 Resp: 111132

Ion Ratio Lower Upper

83 100

85 64.0 45.5 84.5

131 9.4 7.9 11.9



#59

Bromoform

Concen: 55.993 ug/L

RT: 10.805 min Scan# 1594

Delta R.T. 0.006 min

Lab File: VX026126.D

Acq: 29 Dec 2021 02:33

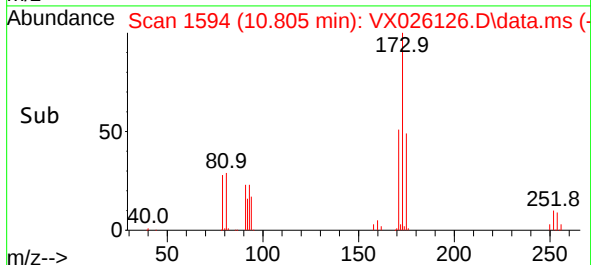
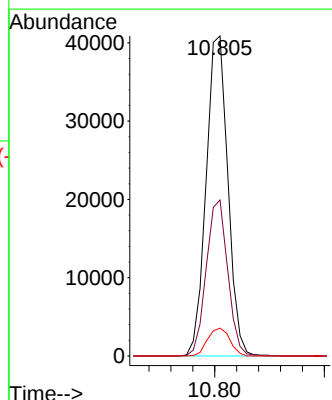
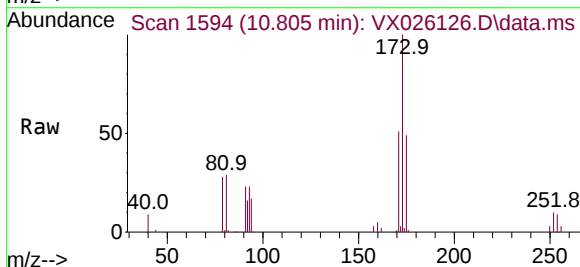
Tgt Ion:173 Resp: 56346

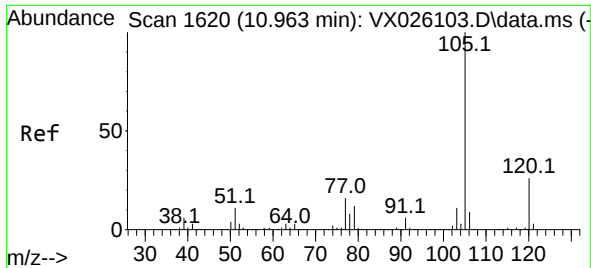
Ion Ratio Lower Upper

173 100

175 48.1 38.8 58.2

254 8.9 7.0 10.6

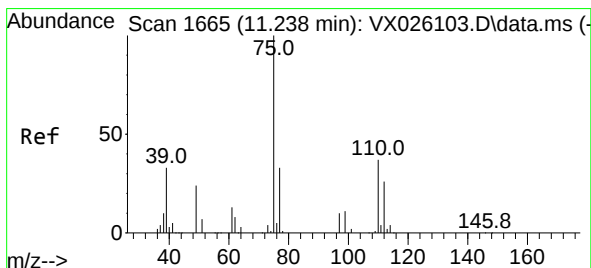
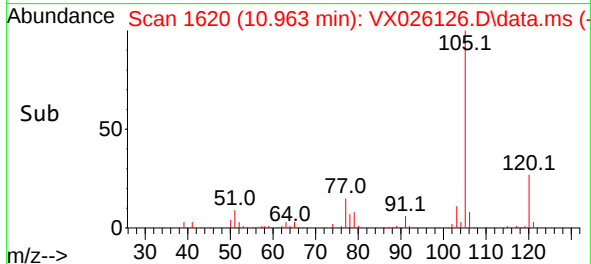
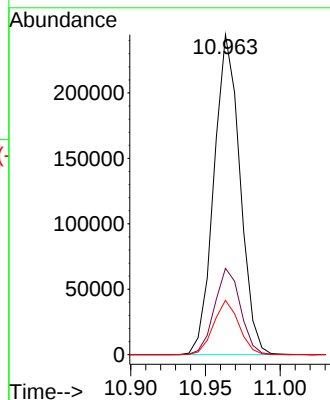
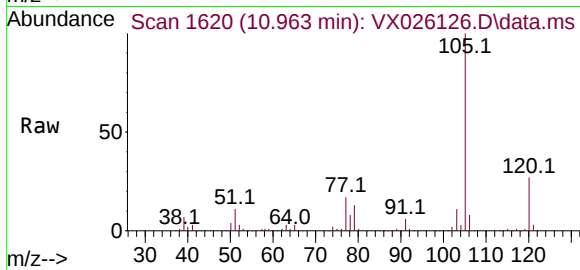




#60
Isopropylbenzene
Concen: 52.906 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX026126.D
Acq: 29 Dec 2021 02:33

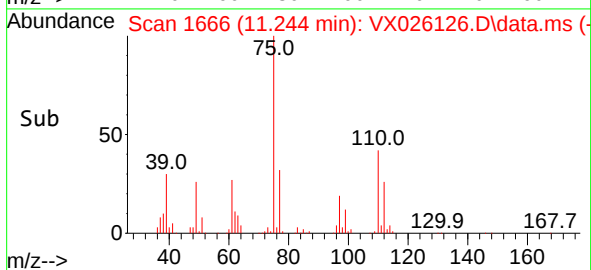
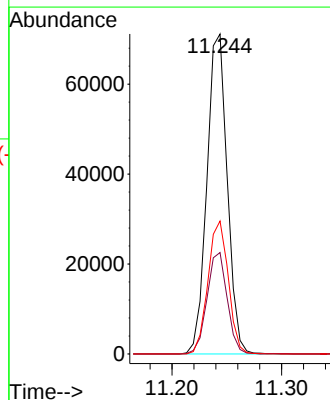
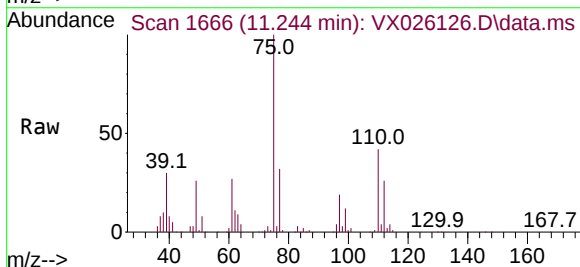
Instrument :
MSVOA_X
ClientSampleId :

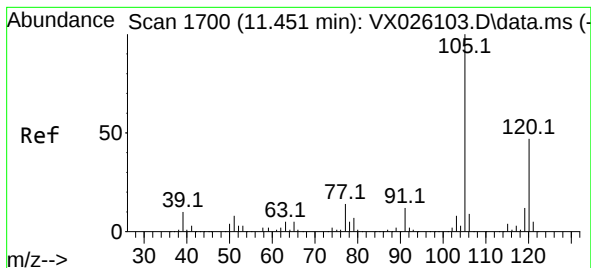
Tgt Ion:105 Resp: 295775
Ion Ratio Lower Upper
105 100
120 26.9 21.2 31.8
77 16.5 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 57.890 ug/L
RT: 11.244 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VX026126.D
Acq: 29 Dec 2021 02:33

Tgt Ion: 75 Resp: 91710
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.2
110 41.5 33.2 49.8





#62

1,3,5-Trimethylbenzene

Concen: 54.187 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX026126.D

Acq: 29 Dec 2021 02:33

Instrument :

MSVOA_X

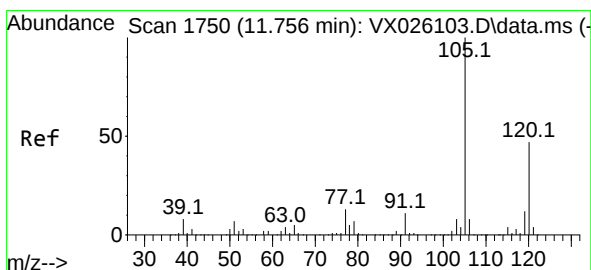
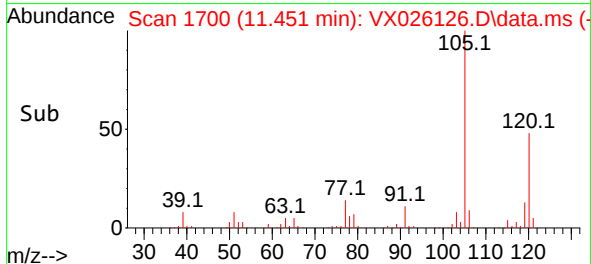
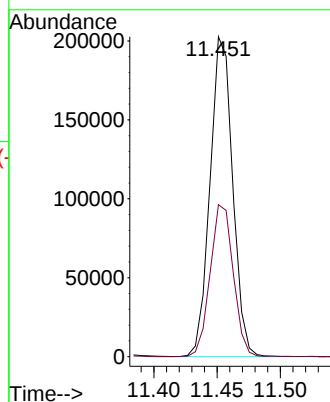
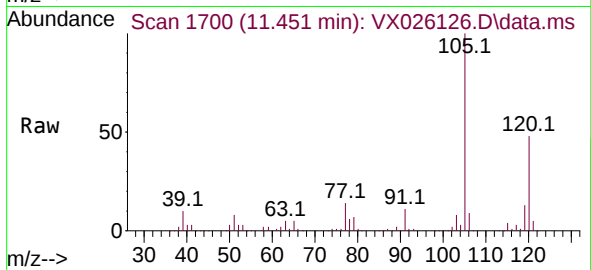
ClientSampleId :

Tgt Ion:105 Resp: 252233

Ion Ratio Lower Upper

105 100

120 48.5 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 54.752 ug/L

RT: 11.756 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VX026126.D

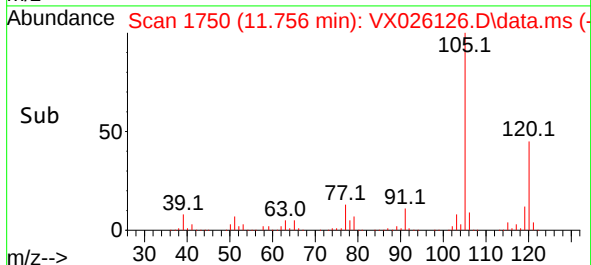
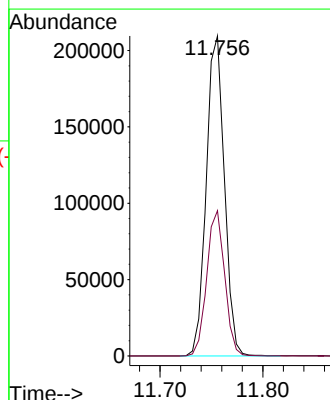
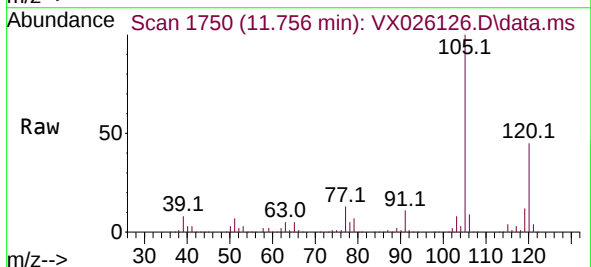
Acq: 29 Dec 2021 02:33

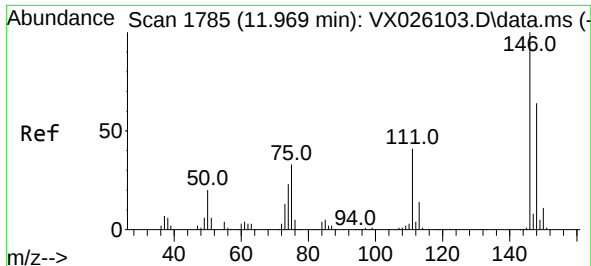
Tgt Ion:105 Resp: 256973

Ion Ratio Lower Upper

105 100

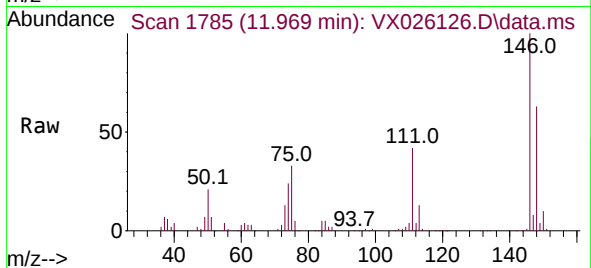
120 44.9 36.5 54.7



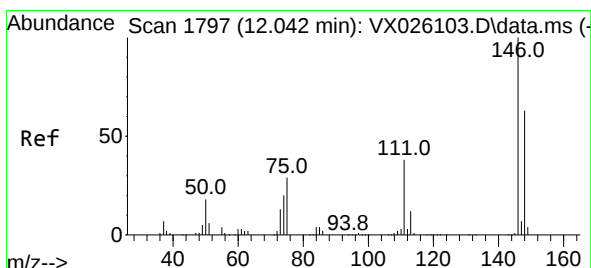
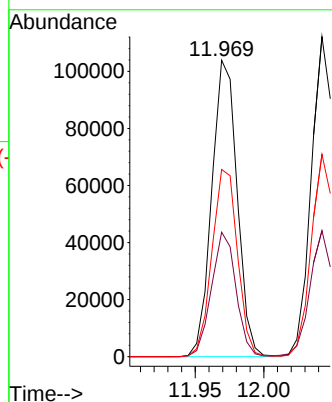
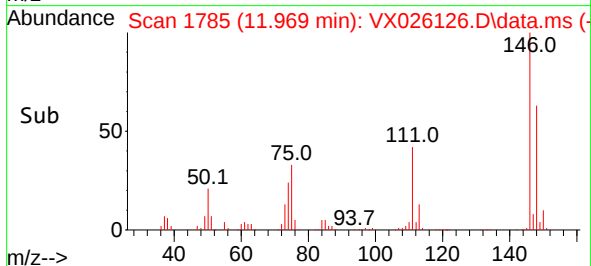


#64
1,3-Dichlorobenzene
Concen: 54.710 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX026126.D
Acq: 29 Dec 2021 02:33

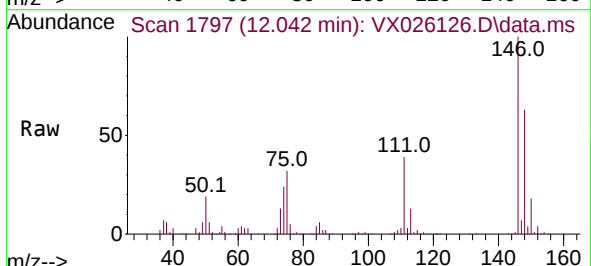
Instrument :
MSVOA_X
ClientSampleId :



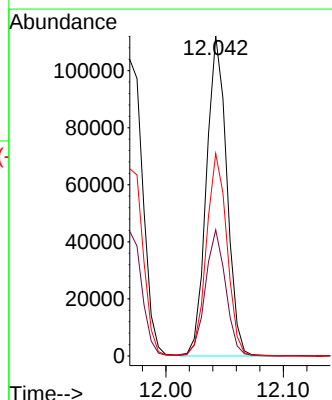
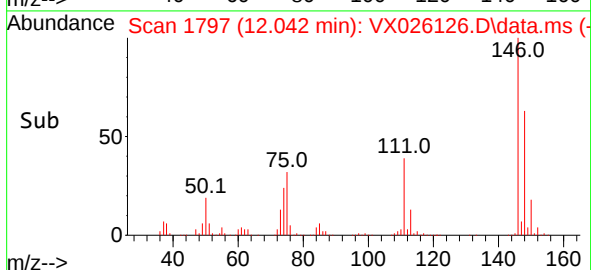
Tgt Ion:146 Resp: 133589
Ion Ratio Lower Upper
146 100
111 42.0 29.4 54.6
148 63.1 45.1 83.9

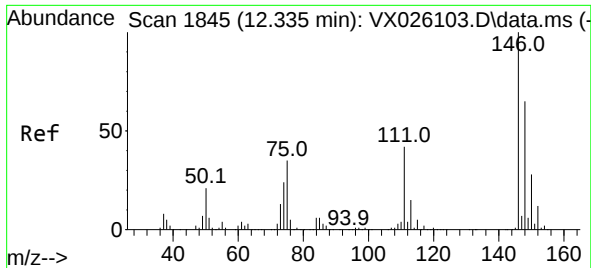


#65
1,4-Dichlorobenzene
Concen: 54.036 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX026126.D
Acq: 29 Dec 2021 02:33



Tgt Ion:146 Resp: 135197
Ion Ratio Lower Upper
146 100
111 39.4 27.4 51.0
148 63.2 44.3 82.3

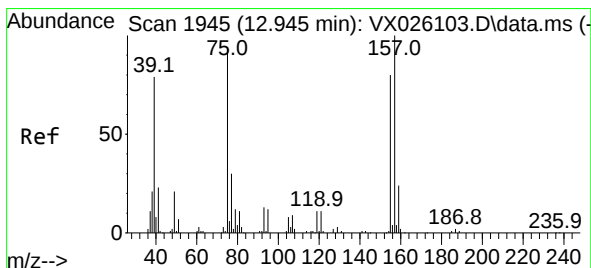
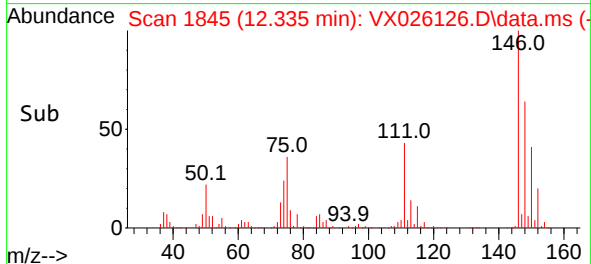
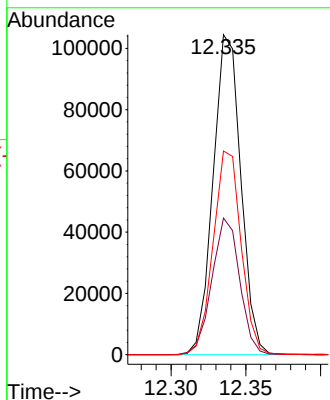
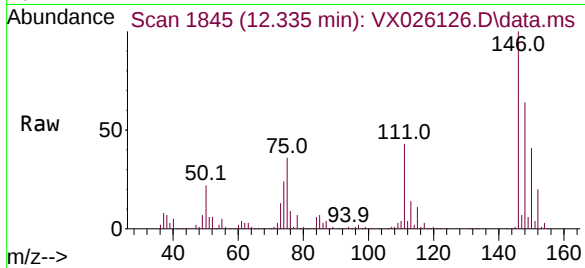




#67
1,2-Dichlorobenzene
Concen: 55.482 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX026126.D
Acq: 29 Dec 2021 02:33

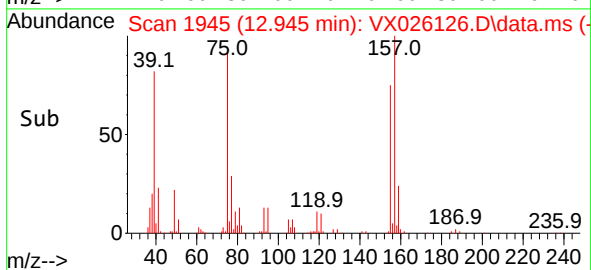
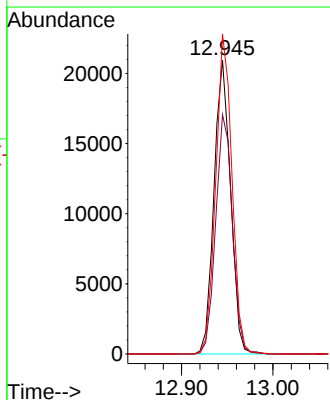
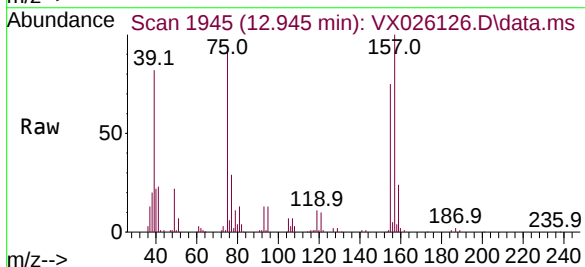
Instrument :
MSVOA_X
ClientSampleId :

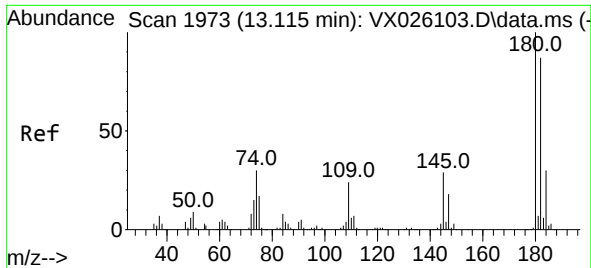
Tgt Ion:146 Resp: 134970
Ion Ratio Lower Upper
146 100
111 42.7 33.1 49.7
148 63.6 49.6 74.4



#68
1,2-Dibromo-3-chloropropane
Concen: 55.260 ug/L
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX026126.D
Acq: 29 Dec 2021 02:33

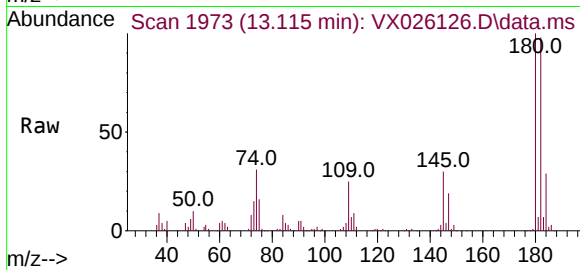
Tgt Ion: 75 Resp: 26259
Ion Ratio Lower Upper
75 100
155 81.4 65.5 98.3
157 108.9 85.9 128.9



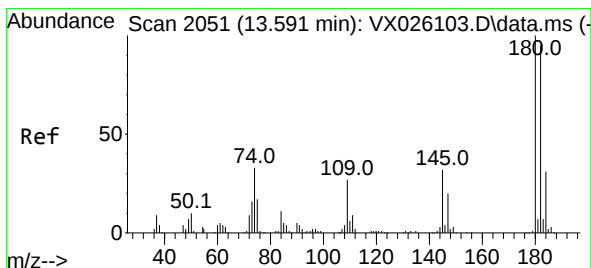
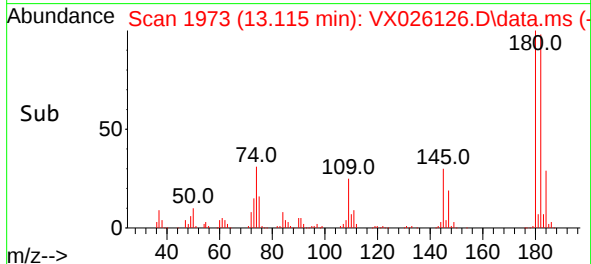
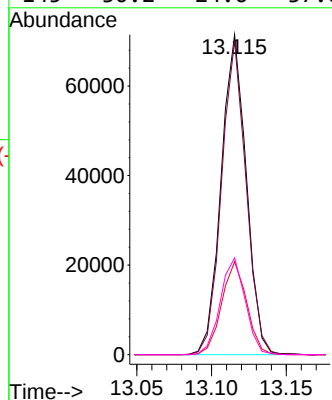


#69
 1,3,5-Trichlorobenzene
 Concen: 50.180 ug/L
 RT: 13.115 min Scan# 1973
 Delta R.T. 0.000 min
 Lab File: VX026126.D
 Acq: 29 Dec 2021 02:33

Instrument :
 MSVOA_X
 ClientSampleId :

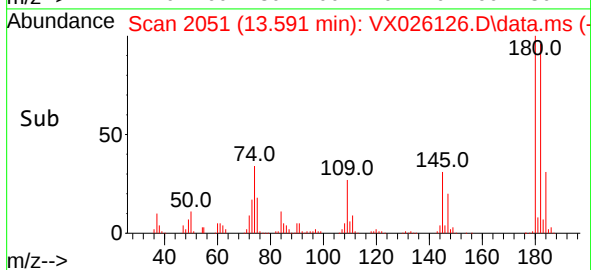
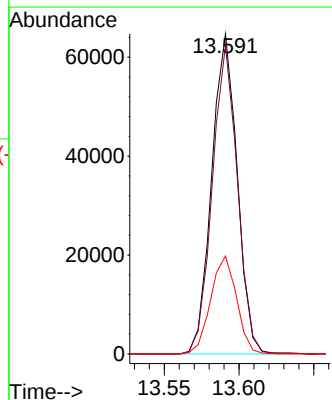
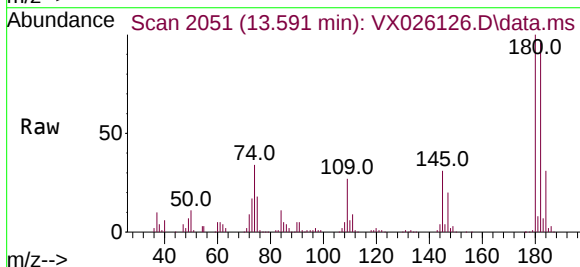


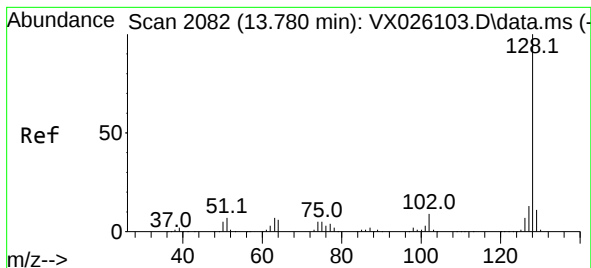
Tgt Ion:180 Resp: 83272
 Ion Ratio Lower Upper
 180 100
 182 95.6 75.4 113.2
 184 29.1 24.1 36.1
 145 30.2 24.6 37.0



#70
 1,2,4-trichlorobenzene
 Concen: 51.300 ug/L
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.000 min
 Lab File: VX026126.D
 Acq: 29 Dec 2021 02:33

Tgt Ion:180 Resp: 76626
 Ion Ratio Lower Upper
 180 100
 182 94.9 74.8 112.2
 145 31.1 24.9 37.3





#71

Naphthalene

Concen: 55.775 ug/L

RT: 13.780 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VX026126.D

Acq: 29 Dec 2021 02:33

Instrument :

MSVOA_X

ClientSampleId :

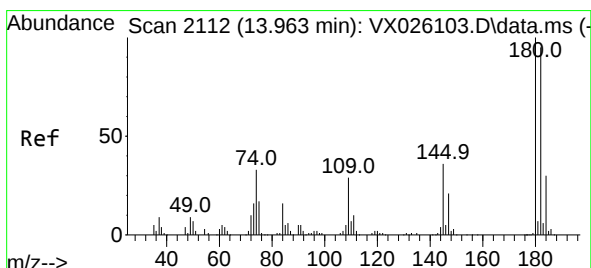
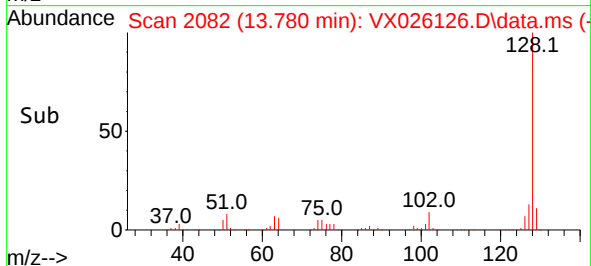
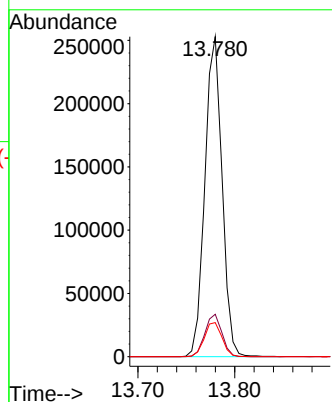
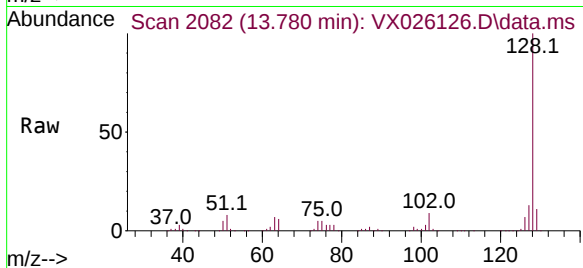
Tgt Ion:128 Resp: 313371

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 11.0 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 52.343 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX026126.D

Acq: 29 Dec 2021 02:33

Tgt Ion:180 Resp: 79336

Ion Ratio Lower Upper

180 100

182 95.1 76.6 115.0

145 33.3 26.6 39.8

