

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123124\
 Data File : VX044574.D
 Acq On : 31 Dec 2024 12:37
 Operator : JC/MD
 Sample : P5376-20RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB03-20241219

Quant Time: Jan 01 01:39:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

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

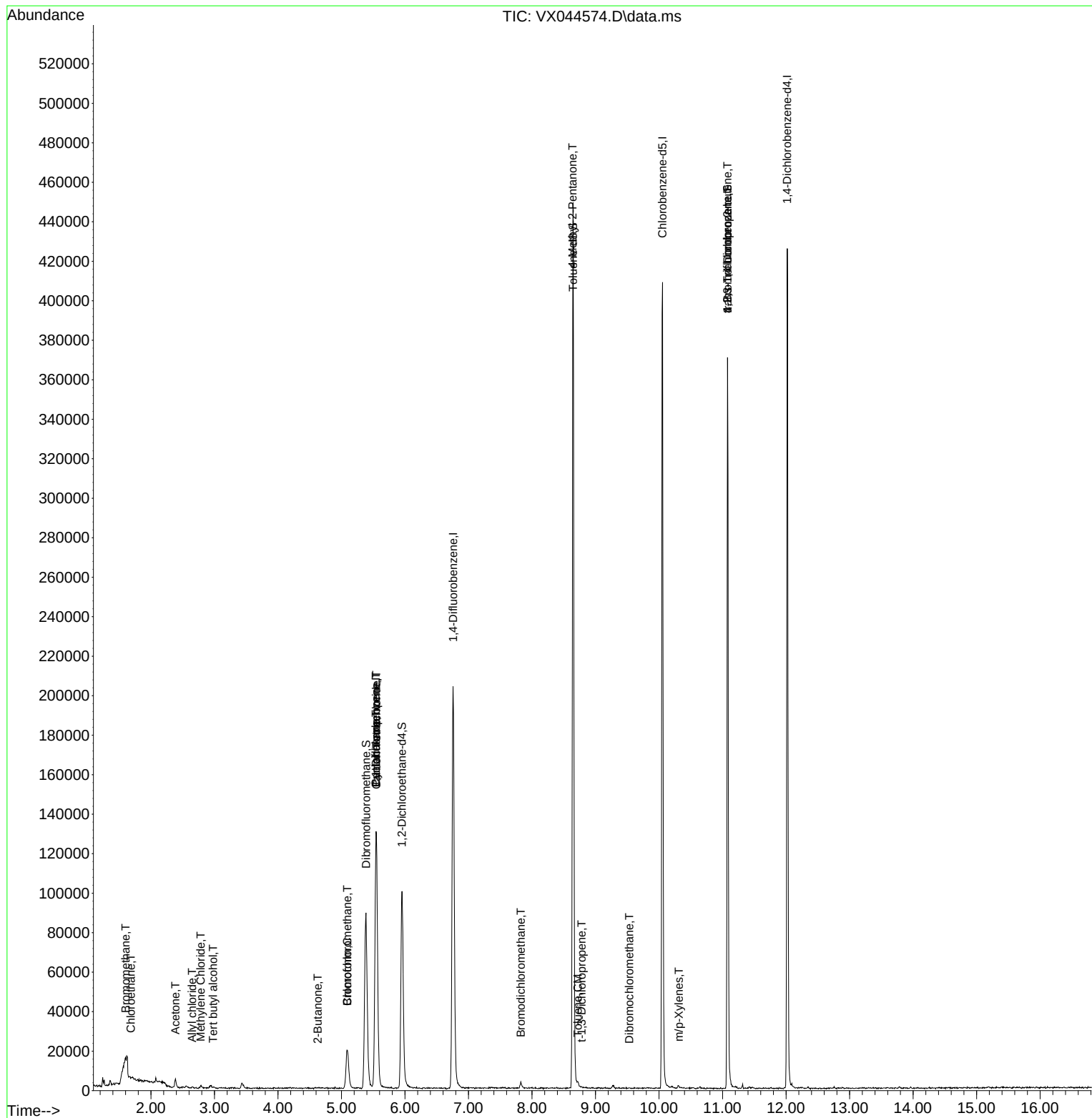
Internal Standards						
1) Pentafluorobenzene	5.544	168	125076	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	211805	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	185221	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	85230	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	95942	43.749	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.500%
35) Dibromofluoromethane	5.385	113	74570	50.834	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.660%
50) Toluene-d8	8.647	98	262583	53.057	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.120%
62) 4-Bromofluorobenzene	11.079	95	94226	54.487	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	108.980%
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	641	0.469	ug/l	93
6) Chloroethane	1.685	64	275	0.229	ug/l #	41
11) Tert butyl alcohol	2.977	59	642	2.077	ug/l #	71
14) Allyl chloride	2.648	41	496	0.212	ug/l #	74
16) Acetone	2.386	43	4266	4.772	ug/l #	76
20) Methylene Chloride	2.782	84	672	0.400	ug/l #	70
25) 2-Butanone	4.623	43	301	0.237	ug/l #	50
28) Bromochloromethane	5.093	49	2082	1.449	ug/l #	13
30) Chloroform	5.093	83	23408	7.108	ug/l	97
31) Cyclohexane	5.544	56	2932	1.239	ug/l #	26
36) 1,1-Dichloropropene	5.544	75	9772	5.153	ug/l #	50
38) Carbon Tetrachloride	5.550	117	13289	6.510	ug/l #	16
47) Bromodichloromethane	7.824	83	1961	0.995	ug/l #	85
51) 4-Methyl-2-Pentanone	8.641	43	1246	0.529	ug/l #	1
52) Toluene	8.720	92	793	0.219	ug/l	93
53) t-1,3-Dichloropropene	8.781	75	19	1.005	ug/l #	41
60) Dibromochloromethane	9.531	129	64	1.274	ug/l	98
68) m/p-Xylenes	10.311	106	526	0.209	ug/l	90
76) 1,2,3-Trichloropropane	11.079	75	52672	27.679	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	52672	76.043	ug/l #	4

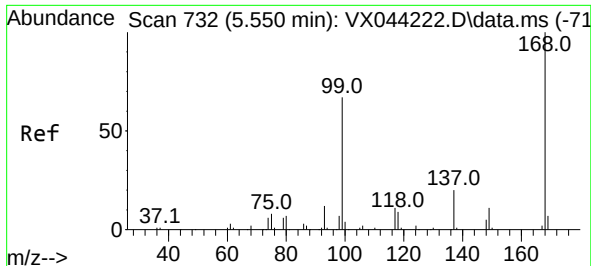
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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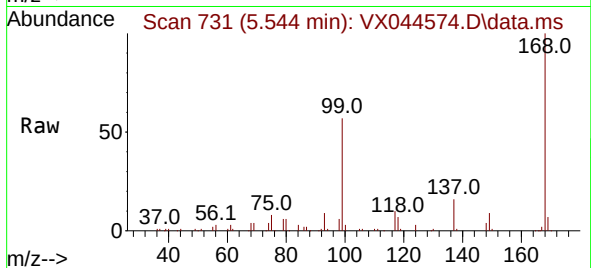
Quant Time: Jan 01 01:39:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration



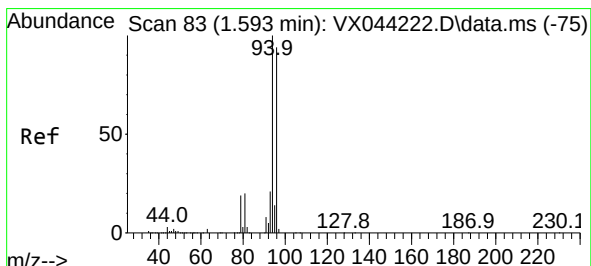
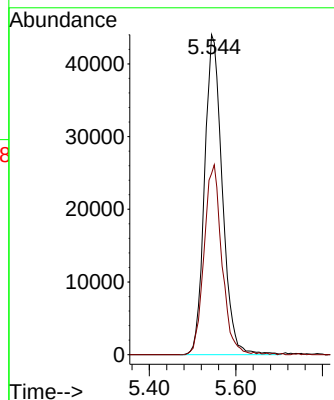
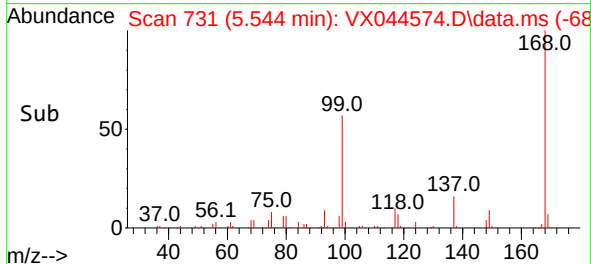


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX044574.D
Acq: 31 Dec 2024 12:37

Instrument :
MSVOA_X
ClientSampleId :
FB03-20241219

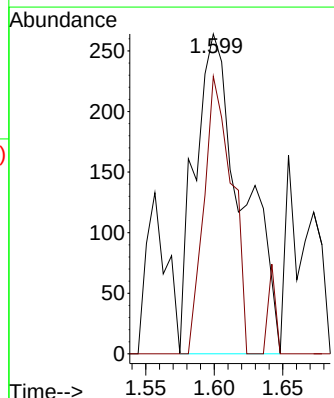
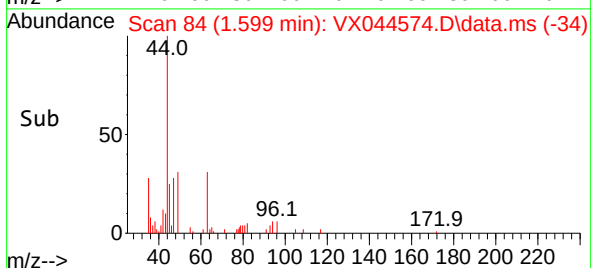
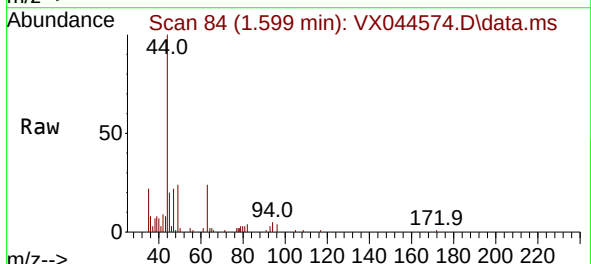


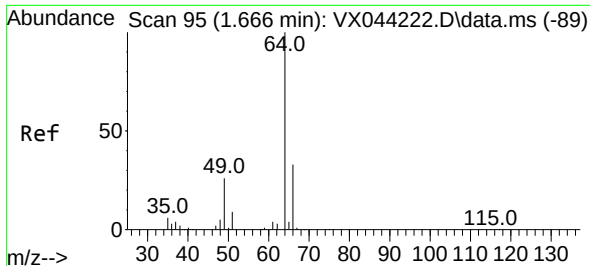
Tgt Ion:168 Resp: 125076
Ion Ratio Lower Upper
168 100
99 56.6 53.4 80.0



#5
Bromomethane
Concen: 0.469 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX044574.D
Acq: 31 Dec 2024 12:37

Tgt Ion: 94 Resp: 641
Ion Ratio Lower Upper
94 100
96 86.7 74.9 112.3

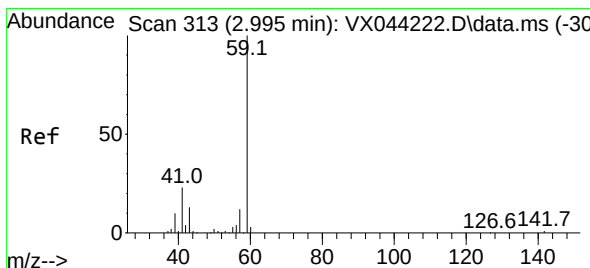
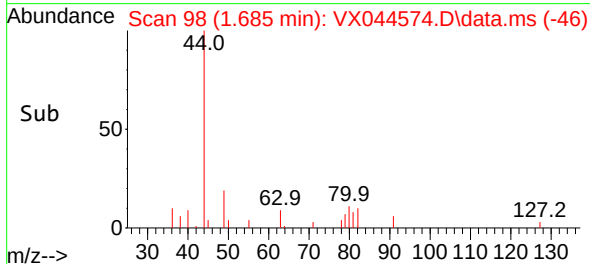
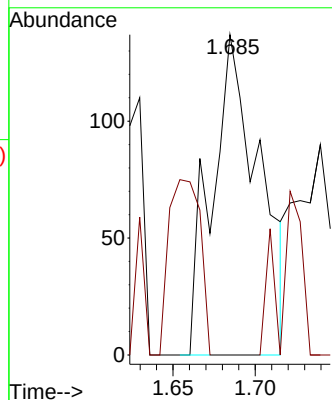
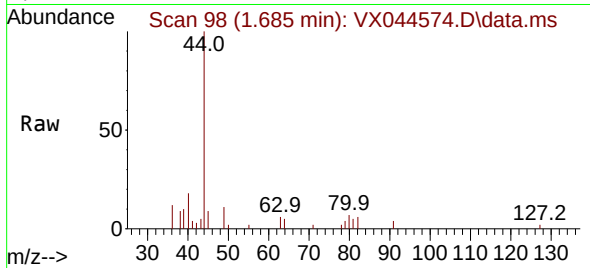




#6
Chloroethane
Concen: 0.229 ug/l
RT: 1.685 min Scan# 91
Delta R.T. 0.018 min
Lab File: VX044574.D
Acq: 31 Dec 2024 12:37

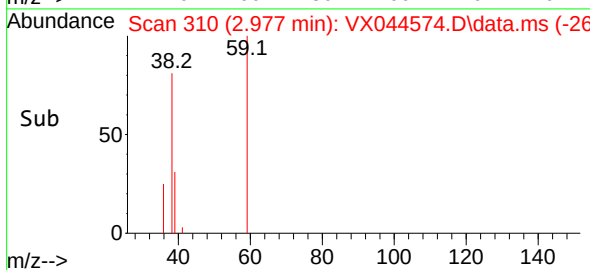
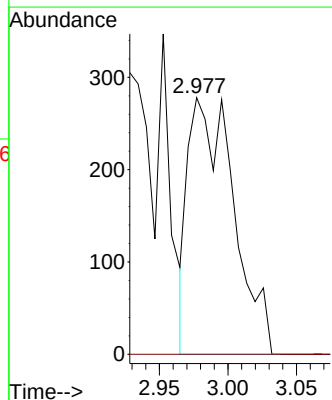
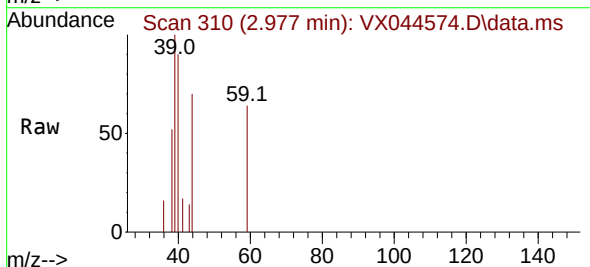
Instrument :
MSVOA_X
ClientSampleId :
FB03-20241219

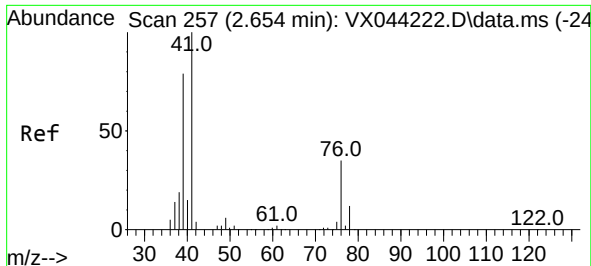
Tgt Ion: 64 Resp: 275
Ion Ratio Lower Upper
64 100
66 0.0 26.6 39.8#



#11
Tert butyl alcohol
Concen: 2.077 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.018 min
Lab File: VX044574.D
Acq: 31 Dec 2024 12:37

Tgt Ion: 59 Resp: 642
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#

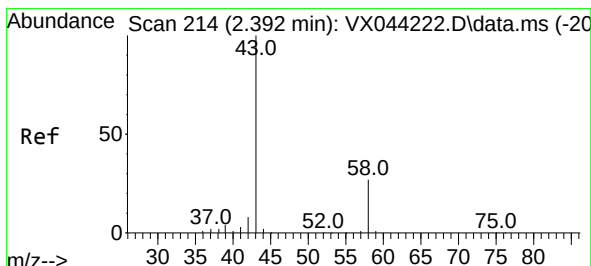
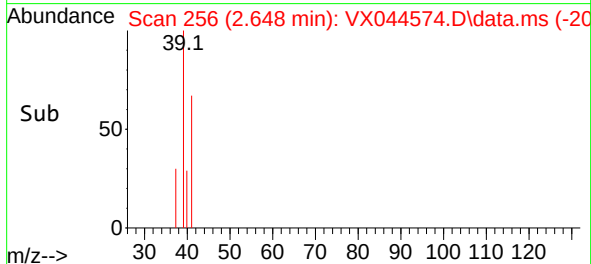
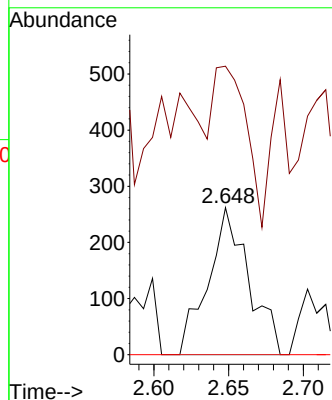
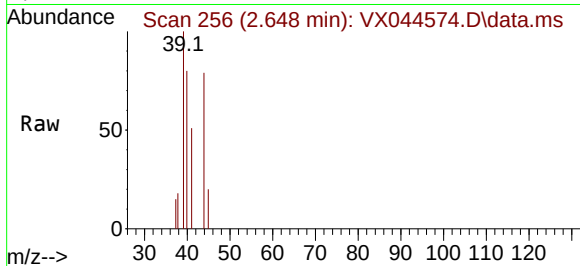




#14
 Allyl chloride
 Concen: 0.212 ug/l
 RT: 2.648 min Scan# 213
 Delta R.T. -0.006 min
 Lab File: VX044574.D
 Acq: 31 Dec 2024 12:37

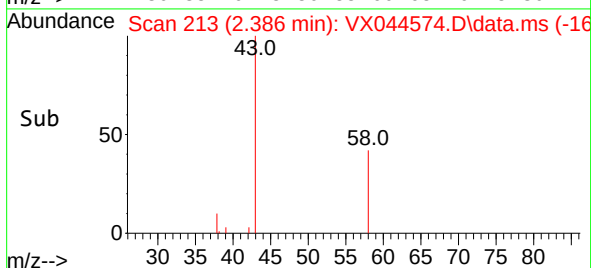
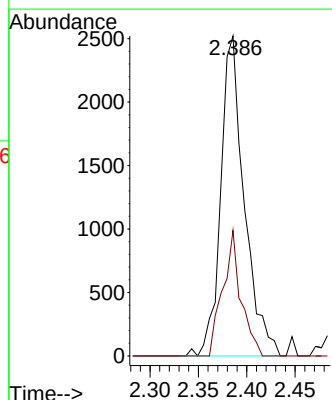
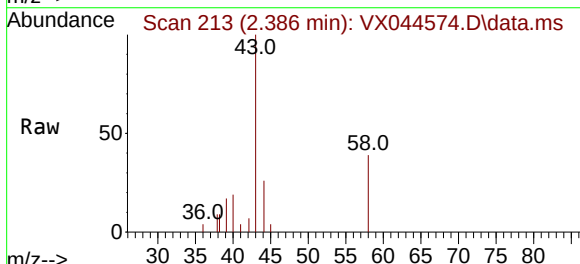
Instrument :
 MSVOA_X
 ClientSampleId :
 FB03-20241219

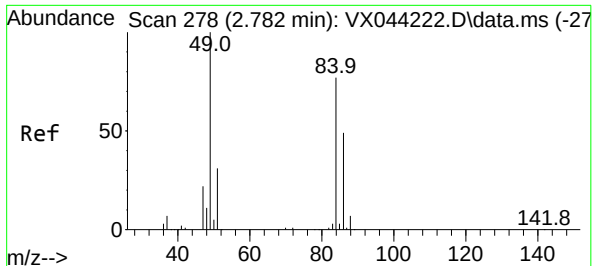
Tgt Ion: 41 Resp: 496
 Ion Ratio Lower Upper
 41 100
 39 86.5 61.9 92.9
 76 0.0 27.4 41.2#



#16
 Acetone
 Concen: 4.772 ug/l
 RT: 2.386 min Scan# 213
 Delta R.T. -0.006 min
 Lab File: VX044574.D
 Acq: 31 Dec 2024 12:37

Tgt Ion: 43 Resp: 4266
 Ion Ratio Lower Upper
 43 100
 58 39.2 21.6 32.4#

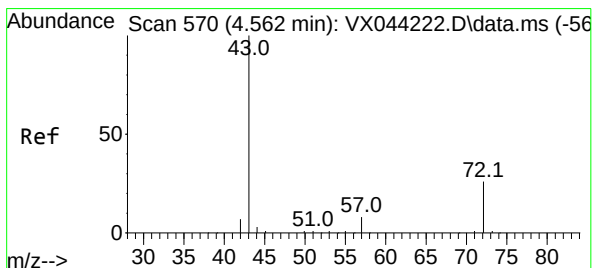
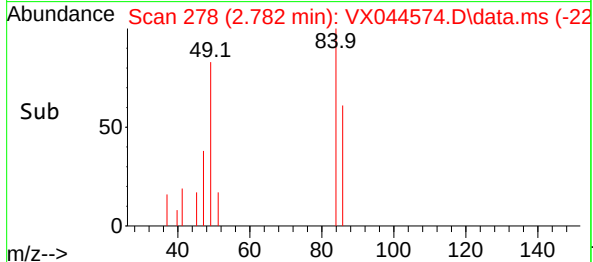
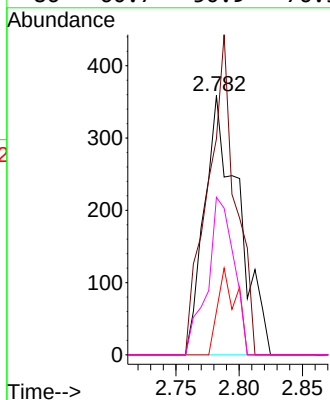
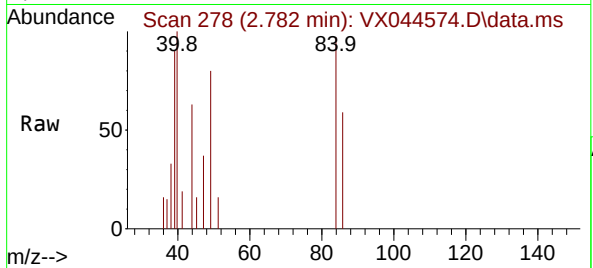




#20
Methylene Chloride
Concen: 0.400 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX044574.D
Acq: 31 Dec 2024 12:37

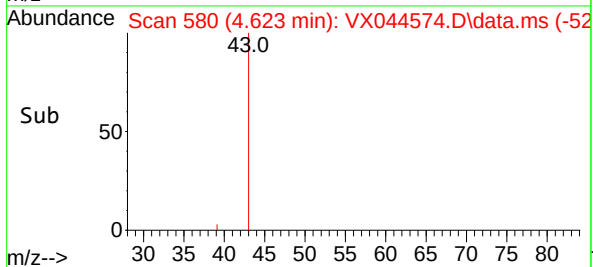
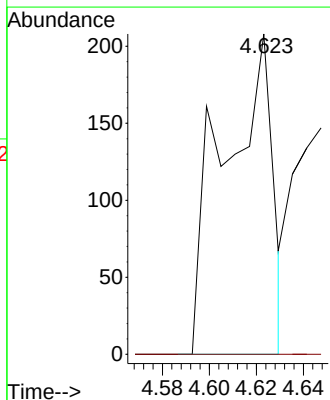
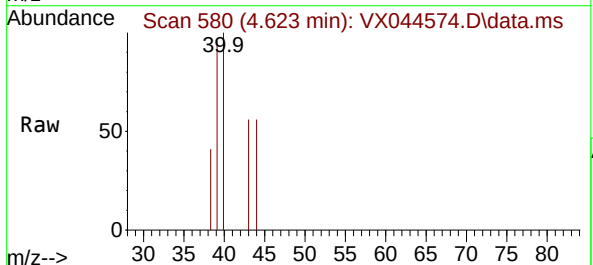
Instrument :
MSVOA_X
ClientSampleId :
FB03-20241219

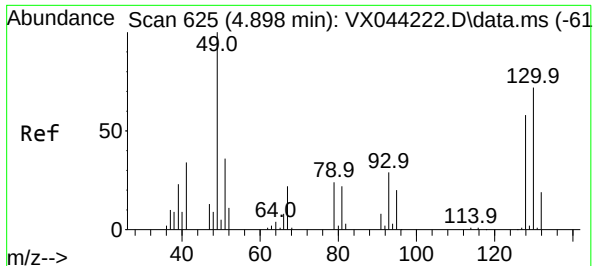
Tgt Ion:	84	Resp:	672
Ion	Ratio	Lower	Upper
84	100		
49	83.3	104.2	156.4#
51	16.7	32.2	48.4#
86	60.7	50.9	76.3



#25
2-Butanone
Concen: 0.237 ug/l
RT: 4.623 min Scan# 580
Delta R.T. 0.061 min
Lab File: VX044574.D
Acq: 31 Dec 2024 12:37

Tgt Ion:	43	Resp:	301
Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.2	30.4#

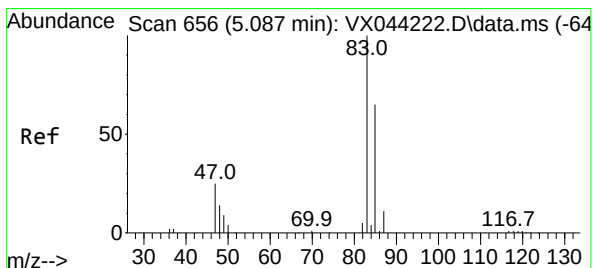
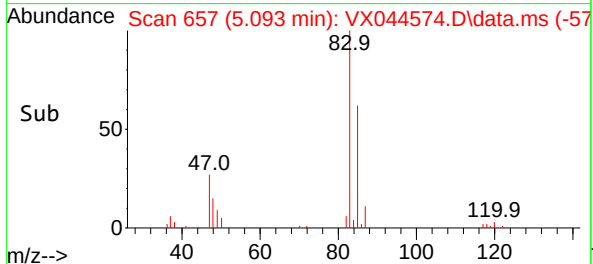
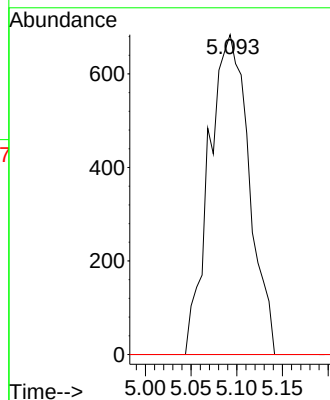
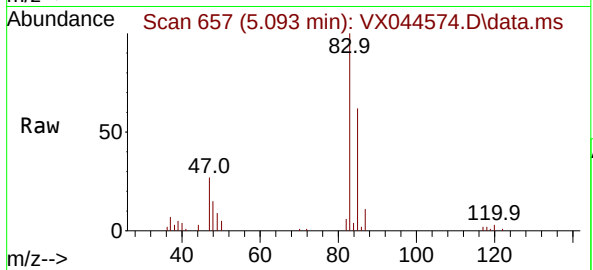




#28
Bromochloromethane
Concen: 1.449 ug/l
RT: 5.093 min Scan# 61
Delta R.T. 0.195 min
Lab File: VX044574.D
Acq: 31 Dec 2024 12:37

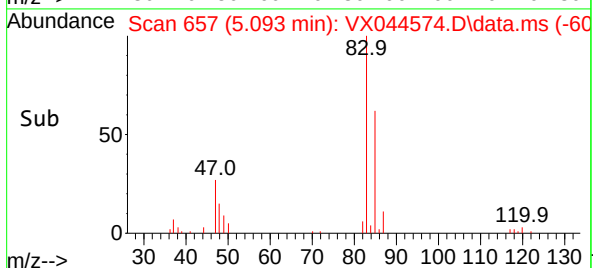
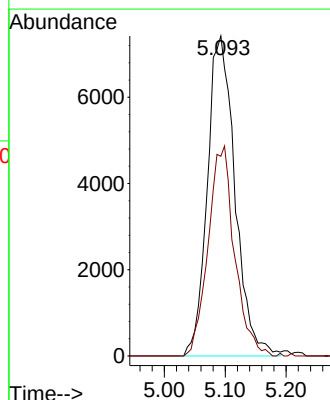
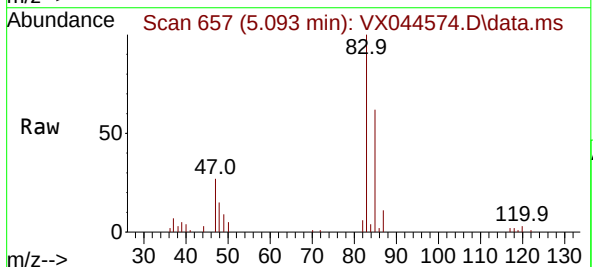
Instrument :
MSVOA_X
ClientSampleId :
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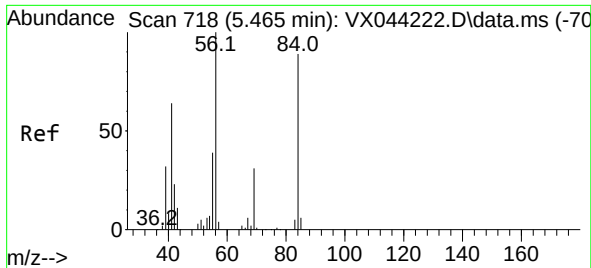
Tgt Ion: 49 Resp: 2082
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.2
130 0.0 62.1 93.1#



#30
Chloroform
Concen: 7.108 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.006 min
Lab File: VX044574.D
Acq: 31 Dec 2024 12:37

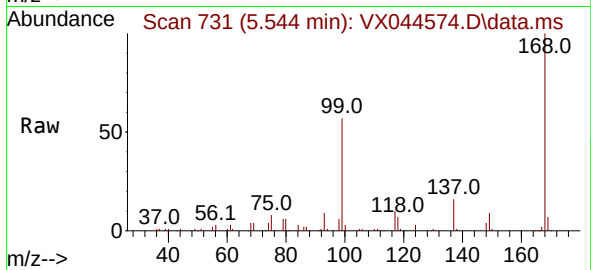
Tgt Ion: 83 Resp: 23408
Ion Ratio Lower Upper
83 100
85 62.4 51.6 77.4



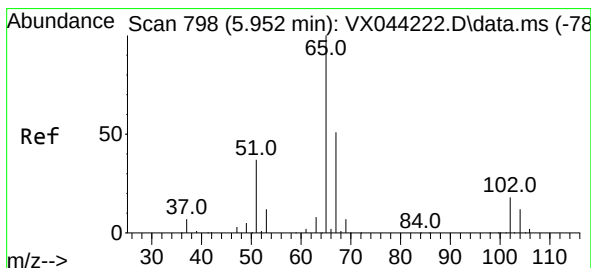
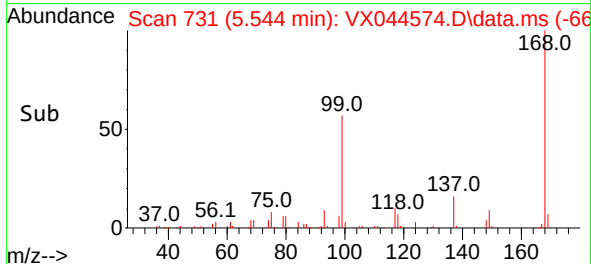
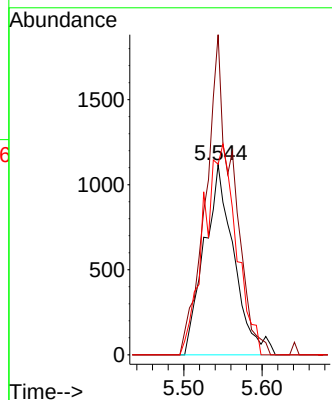


#31
Cyclohexane
Concen: 1.239 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX044574.D
Acq: 31 Dec 2024 12:37

Instrument :
MSVOA_X
ClientSampleId :
FB03-20241219

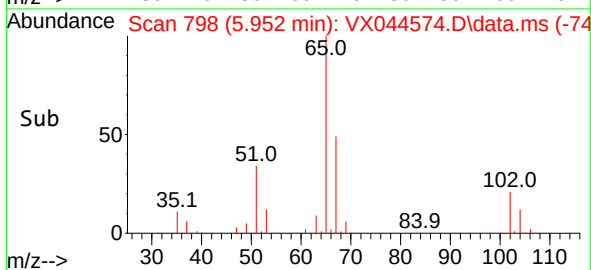
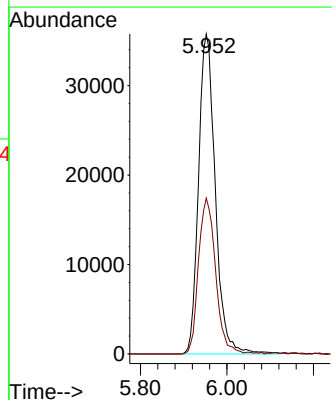
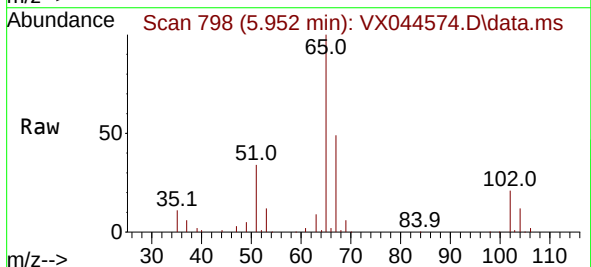


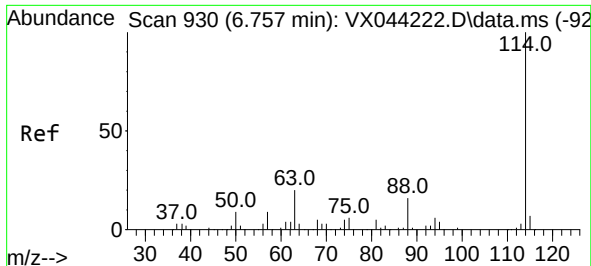
Tgt Ion: 56 Resp: 2932
Ion Ratio Lower Upper
56 100
69 168.2 24.7 37.1#
84 100.1 71.0 106.6



#33
1,2-Dichloroethane-d4
Concen: 43.749 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX044574.D
Acq: 31 Dec 2024 12:37

Tgt Ion: 65 Resp: 95942
Ion Ratio Lower Upper
65 100
67 49.7 0.0 101.6

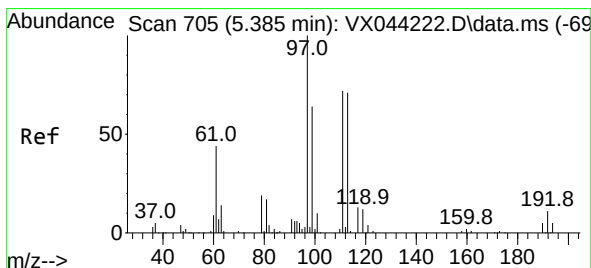
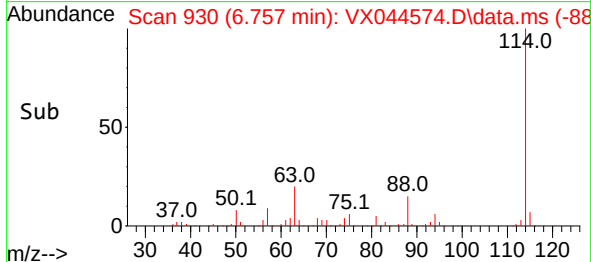
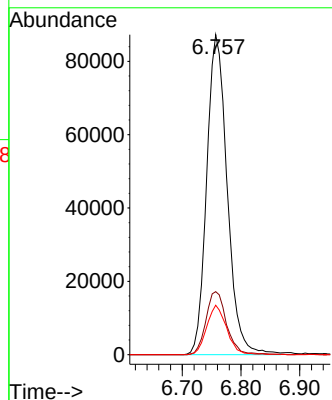
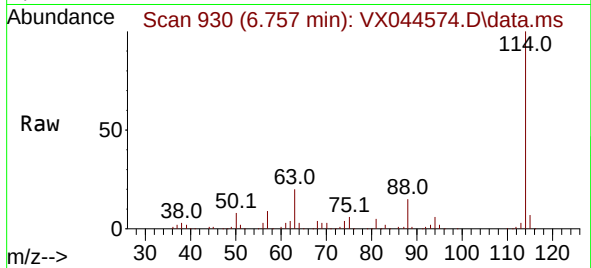




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX044574.D
Acq: 31 Dec 2024 12:37

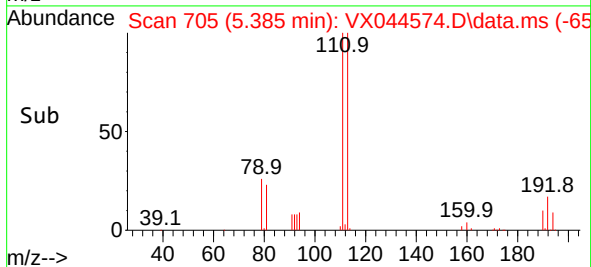
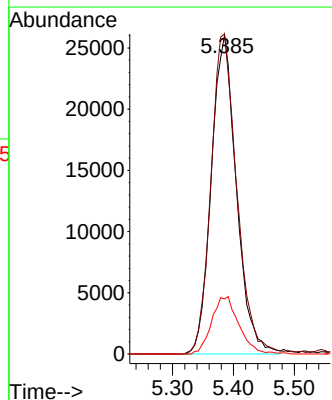
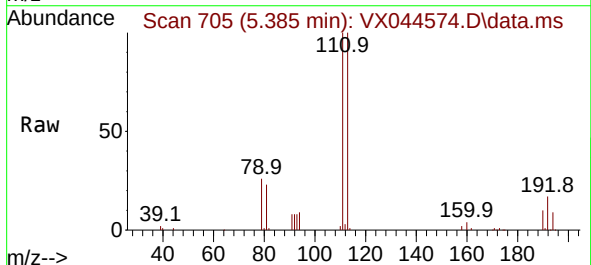
Instrument :
MSVOA_X
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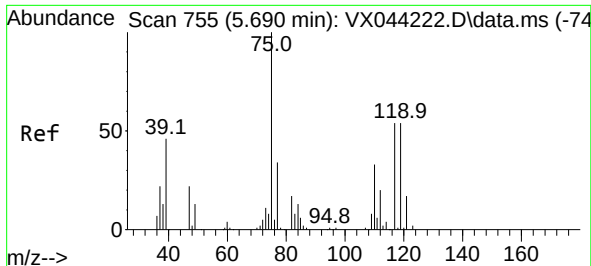
Tgt Ion:114 Resp: 211805
Ion Ratio Lower Upper
114 100
63 19.7 0.0 40.6
88 15.4 0.0 31.8



#35
Dibromofluoromethane
Concen: 50.834 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX044574.D
Acq: 31 Dec 2024 12:37

Tgt Ion:113 Resp: 74570
Ion Ratio Lower Upper
113 100
111 103.0 80.4 120.6
192 19.5 13.3 19.9

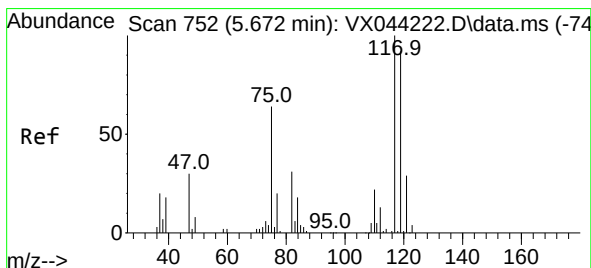
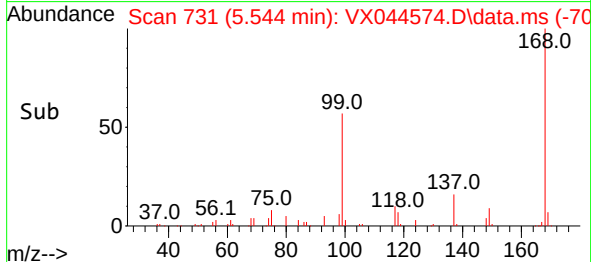
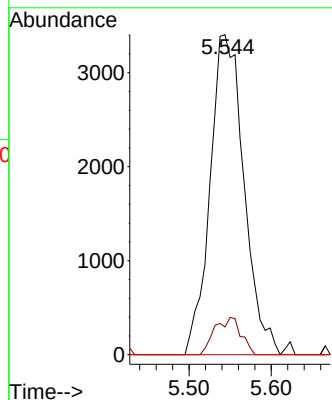
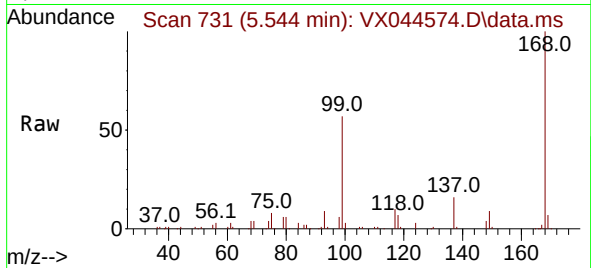




#36
1,1-Dichloropropene
Concen: 5.153 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX044574.D
Acq: 31 Dec 2024 12:37

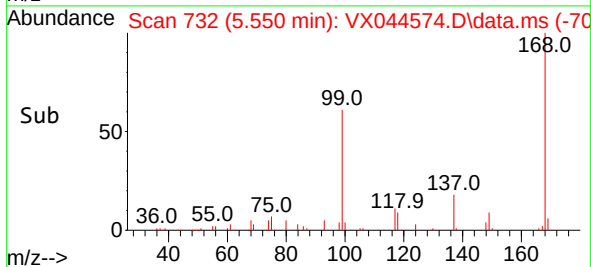
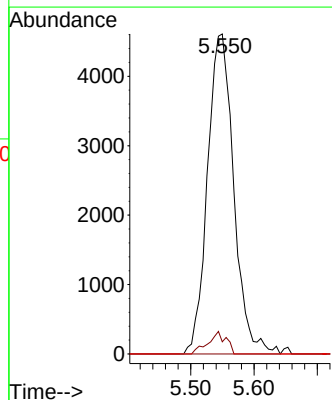
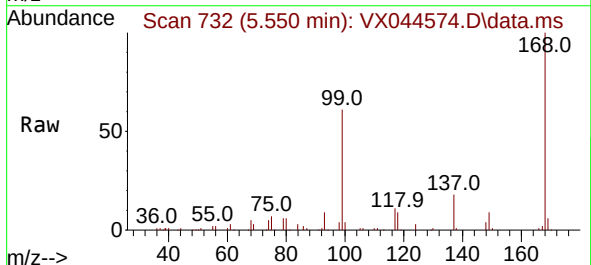
Instrument :
MSVOA_X
ClientSampleId :
FB03-20241219

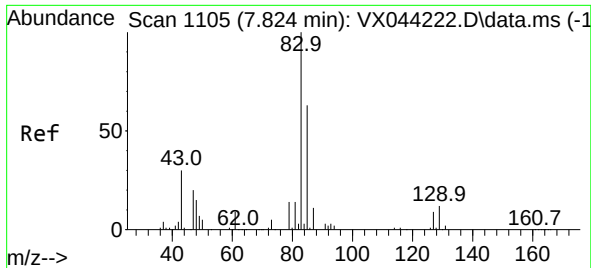
Tgt Ion: 75 Resp: 9772
Ion Ratio Lower Upper
75 100
110 9.0 17.3 51.7#
77 0.0 25.4 38.0#



#38
Carbon Tetrachloride
Concen: 6.510 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX044574.D
Acq: 31 Dec 2024 12:37

Tgt Ion: 117 Resp: 13289
Ion Ratio Lower Upper
117 100
119 3.8 74.2 111.4#
121 0.0 23.0 34.6#

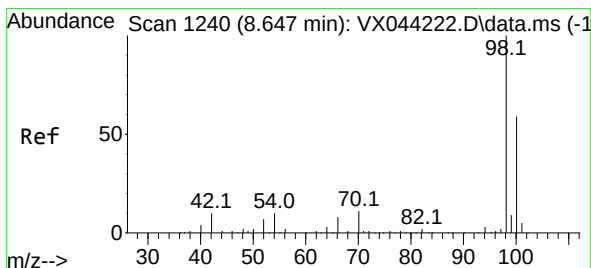
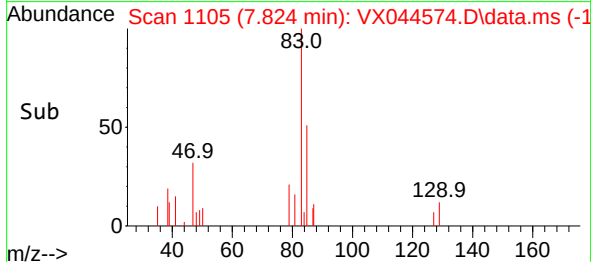
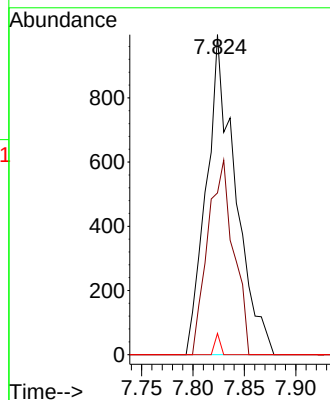
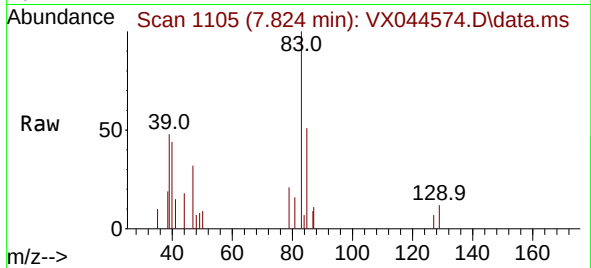




#47
Bromodichloromethane
Concen: 0.995 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX044574.D
Acq: 31 Dec 2024 12:37

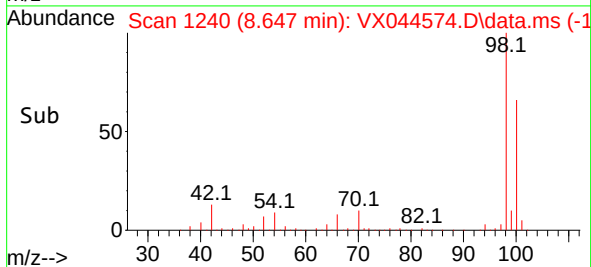
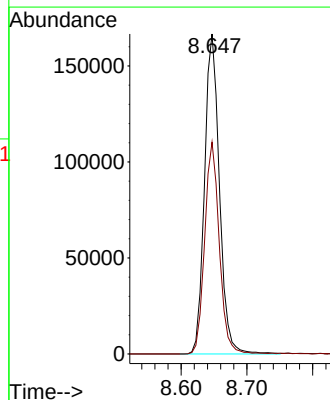
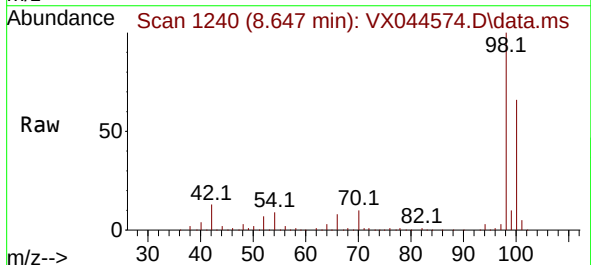
Instrument :
MSVOA_X
ClientSampleId :
FB03-20241219

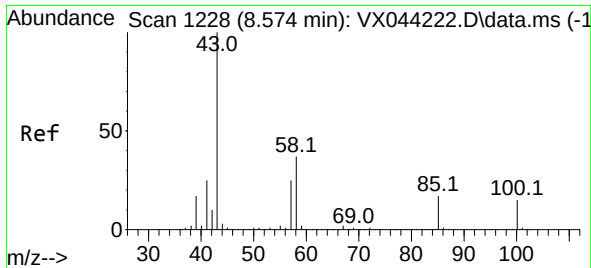
Tgt Ion: 83 Resp: 1961
Ion Ratio Lower Upper
83 100
85 50.6 50.6 75.8#
127 6.6 7.3 10.9#



#50
Toluene-d8
Concen: 53.057 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044574.D
Acq: 31 Dec 2024 12:37

Tgt Ion: 98 Resp: 262583
Ion Ratio Lower Upper
98 100
100 64.9 51.5 77.3

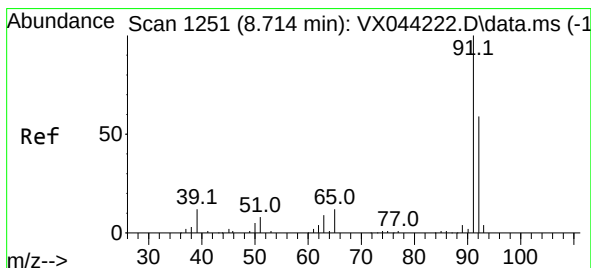
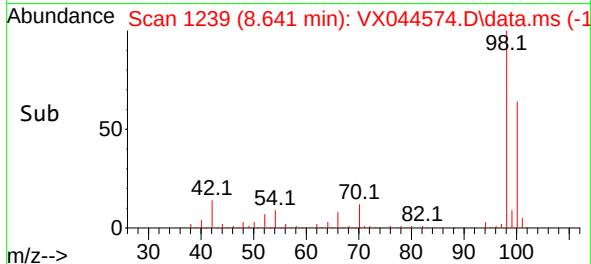
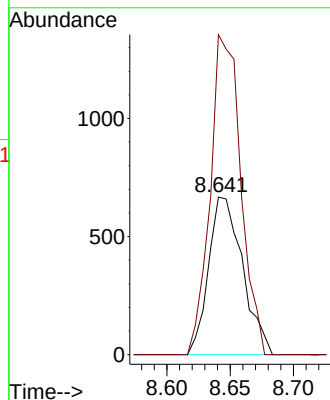
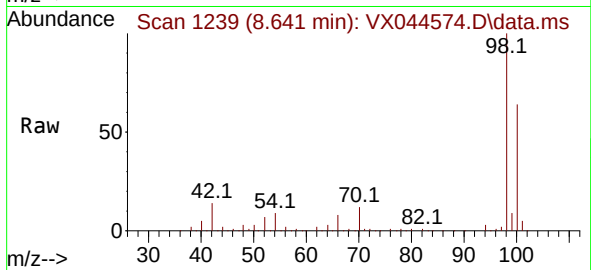




#51
4-Methyl-2-Pentanone
Concen: 0.529 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX044574.D
Acq: 31 Dec 2024 12:37

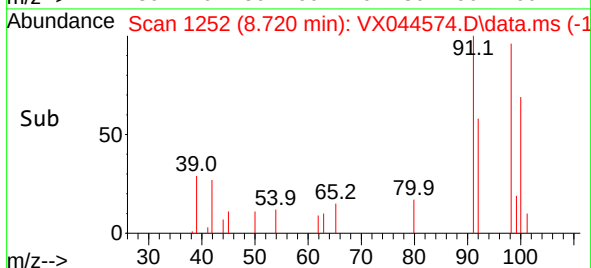
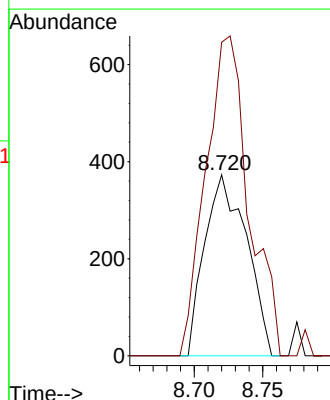
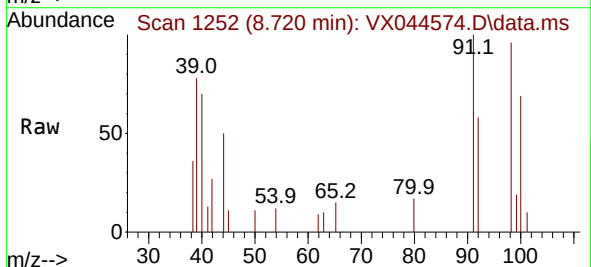
Instrument :
MSVOA_X
ClientSampleId :
FB03-20241219

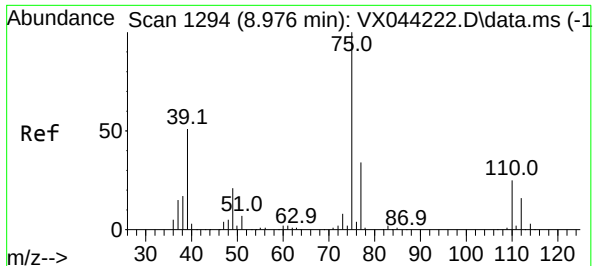
Tgt Ion: 43 Resp: 1246
Ion Ratio Lower Upper
43 100
58 182.9 29.4 44.0#



#52
Toluene
Concen: 0.219 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX044574.D
Acq: 31 Dec 2024 12:37

Tgt Ion: 92 Resp: 793
Ion Ratio Lower Upper
92 100
91 181.3 137.0 205.6





#53

t-1,3-Dichloropropene

Concen: 1.005 ug/l

RT: 8.781 min Scan# 11

Delta R.T. -0.195 min

Lab File: VX044574.D

Acq: 31 Dec 2024 12:37

Instrument :

MSVOA_X

ClientSampleId :

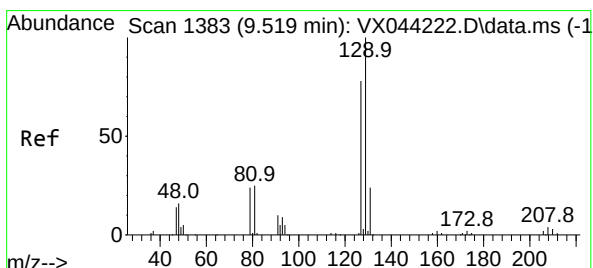
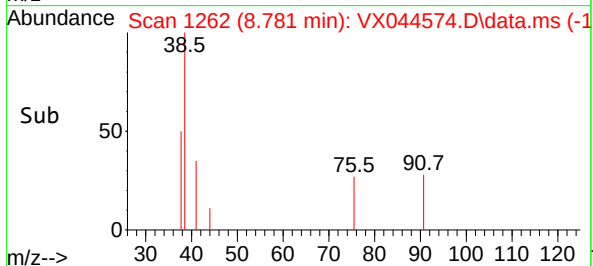
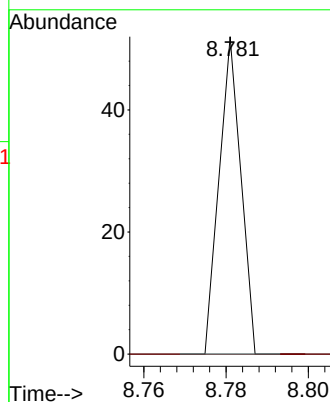
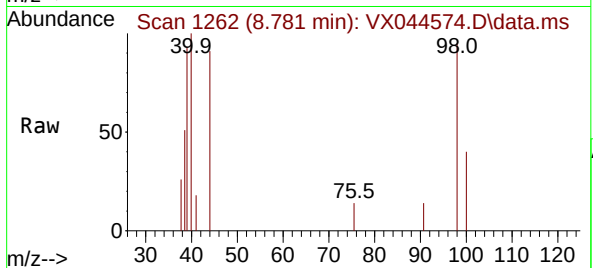
FB03-20241219

Tgt Ion: 75 Resp: 19

Ion Ratio Lower Upper

75 100

77 0.0 27.2 40.8#



#60

Dibromochloromethane

Concen: 1.274 ug/l

RT: 9.531 min Scan# 1385

Delta R.T. 0.012 min

Lab File: VX044574.D

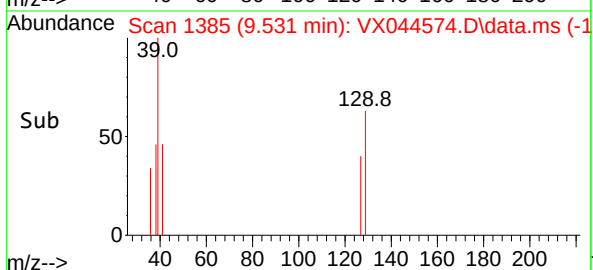
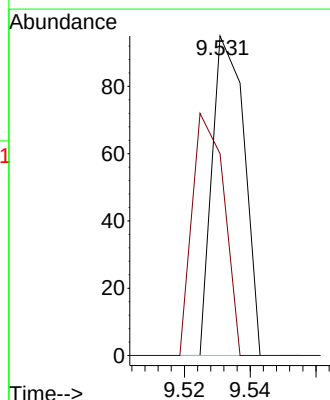
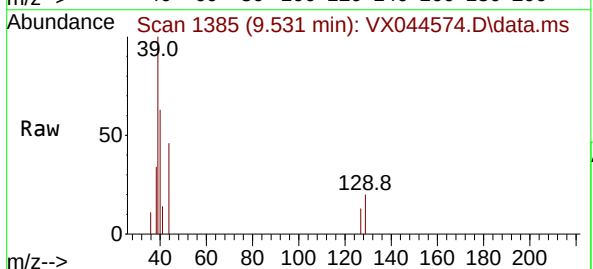
Acq: 31 Dec 2024 12:37

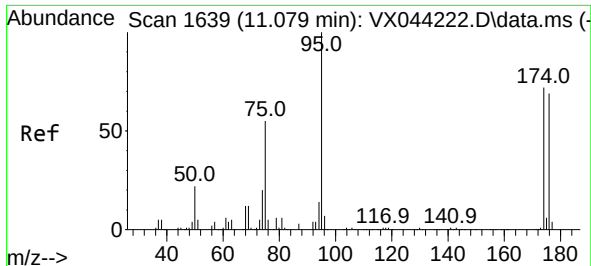
Tgt Ion:129 Resp: 64

Ion Ratio Lower Upper

129 100

127 75.0 38.5 115.3

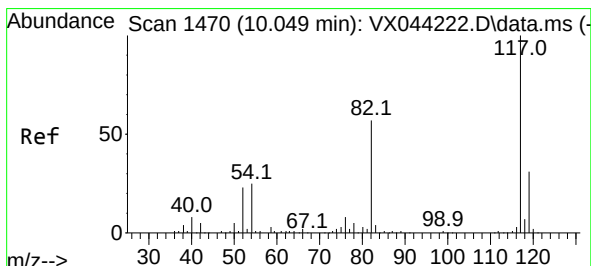
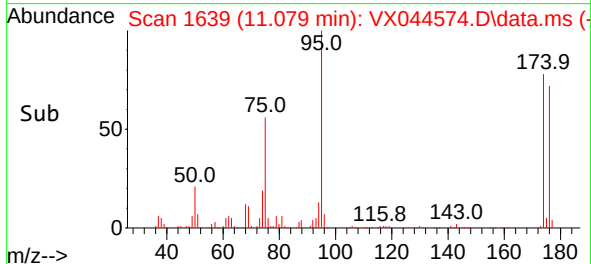
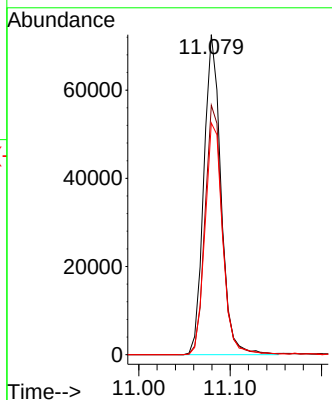
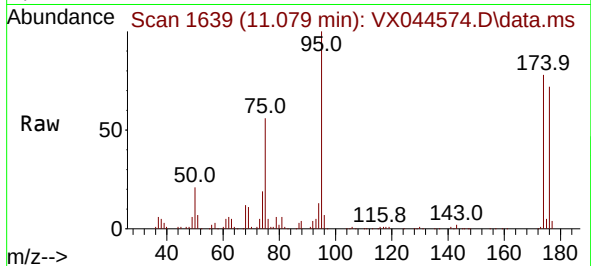




#62
4-Bromofluorobenzene
Concen: 54.487 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044574.D
Acq: 31 Dec 2024 12:37

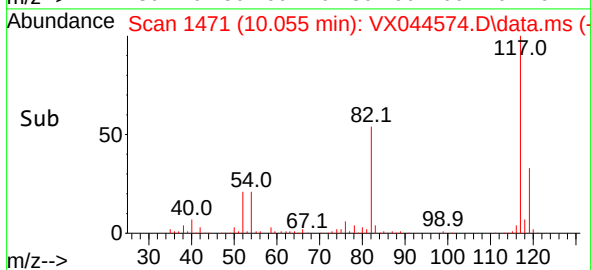
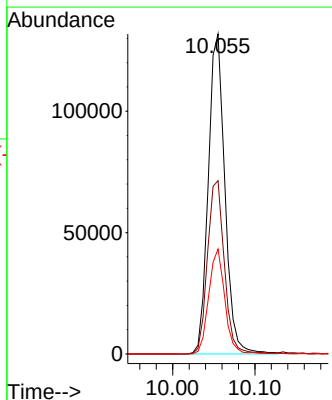
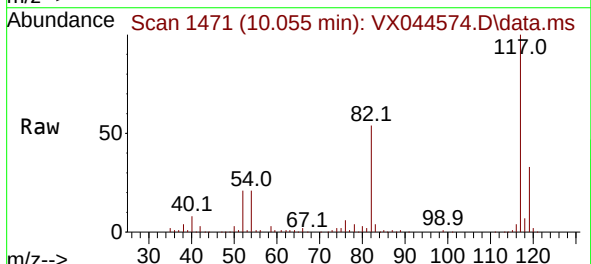
Instrument :
MSVOA_X
ClientSampleId :
FB03-20241219

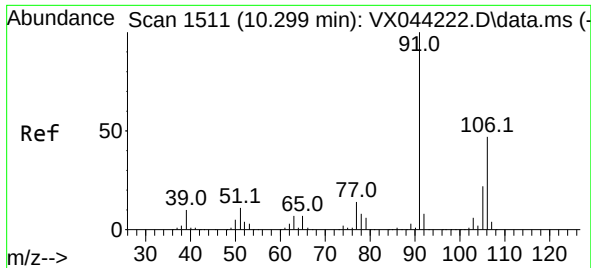
Tgt Ion: 95 Resp: 94226
Ion Ratio Lower Upper
95 100
174 79.6 0.0 145.8
176 74.8 0.0 137.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX044574.D
Acq: 31 Dec 2024 12:37

Tgt Ion: 117 Resp: 185221
Ion Ratio Lower Upper
117 100
82 54.1 45.8 68.8
119 32.8 25.0 37.4

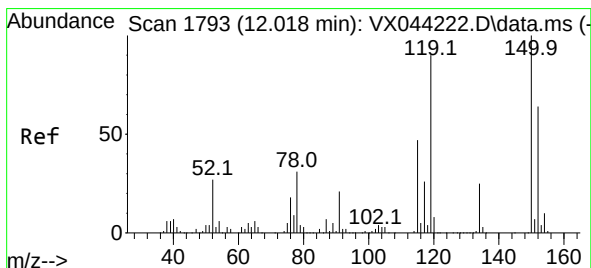
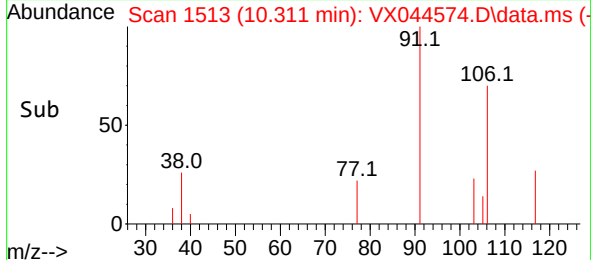
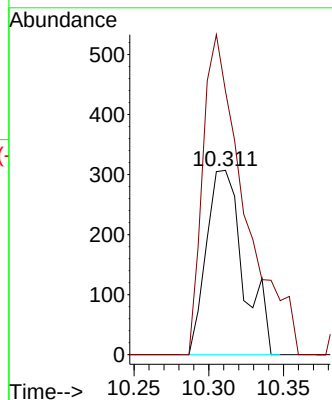
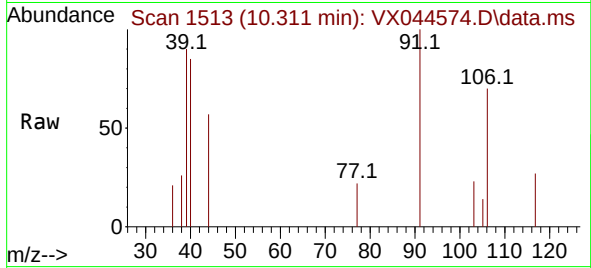




#68
m/p-Xylenes
Concen: 0.209 ug/l
RT: 10.311 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX044574.D
Acq: 31 Dec 2024 12:37

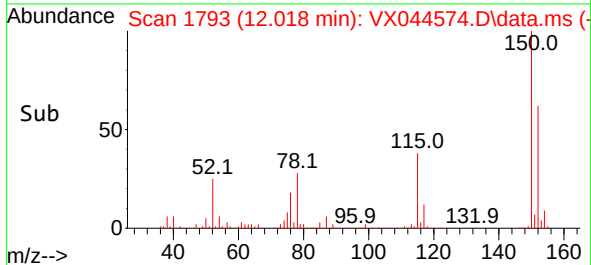
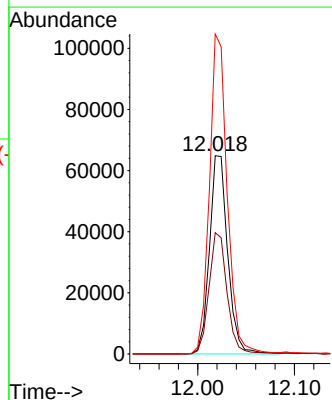
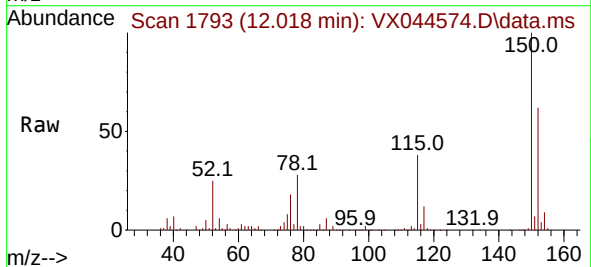
Instrument :
MSVOA_X
ClientSampleId :
FB03-20241219

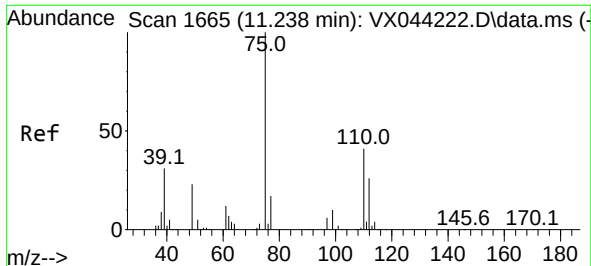
Tgt Ion:106 Resp: 526
Ion Ratio Lower Upper
106 100
91 196.6 170.2 255.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX044574.D
Acq: 31 Dec 2024 12:37

Tgt Ion:152 Resp: 85230
Ion Ratio Lower Upper
152 100
115 61.2 44.5 133.3
150 157.4 0.0 353.8

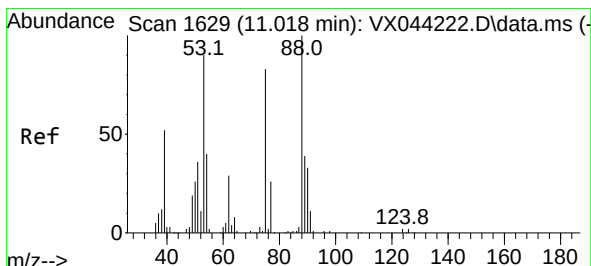
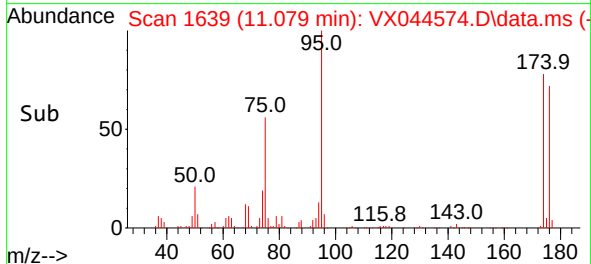
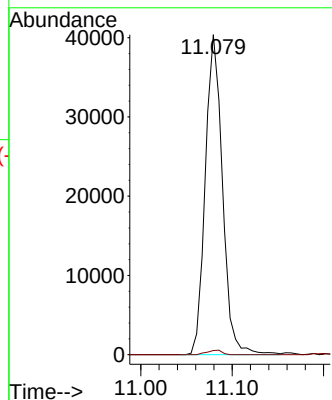
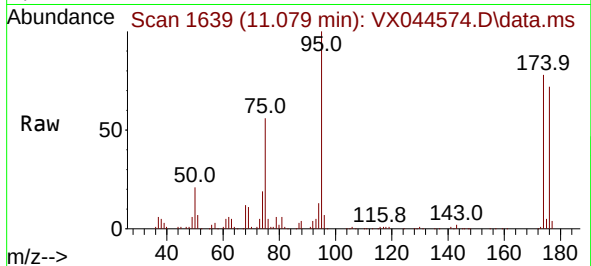




#76
1,2,3-Trichloropropane
Concen: 27.679 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX044574.D
Acq: 31 Dec 2024 12:37

Instrument :
MSVOA_X
ClientSampleId :
FB03-20241219

Tgt Ion: 75 Resp: 52672
Ion Ratio Lower Upper
75 100
77 1.2 20.9 62.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.043 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044574.D
Acq: 31 Dec 2024 12:37

Tgt Ion: 75 Resp: 52672
Ion Ratio Lower Upper
75 100
53 0.1 93.6 140.4#
89 0.0 37.3 55.9#

