

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121624\
 Data File : VX044313.D
 Acq On : 16 Dec 2024 11:06
 Operator : JC/MD
 Sample : P5261-03RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D3-20241209

Quant Time: Dec 17 00:46:31 2024
 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)

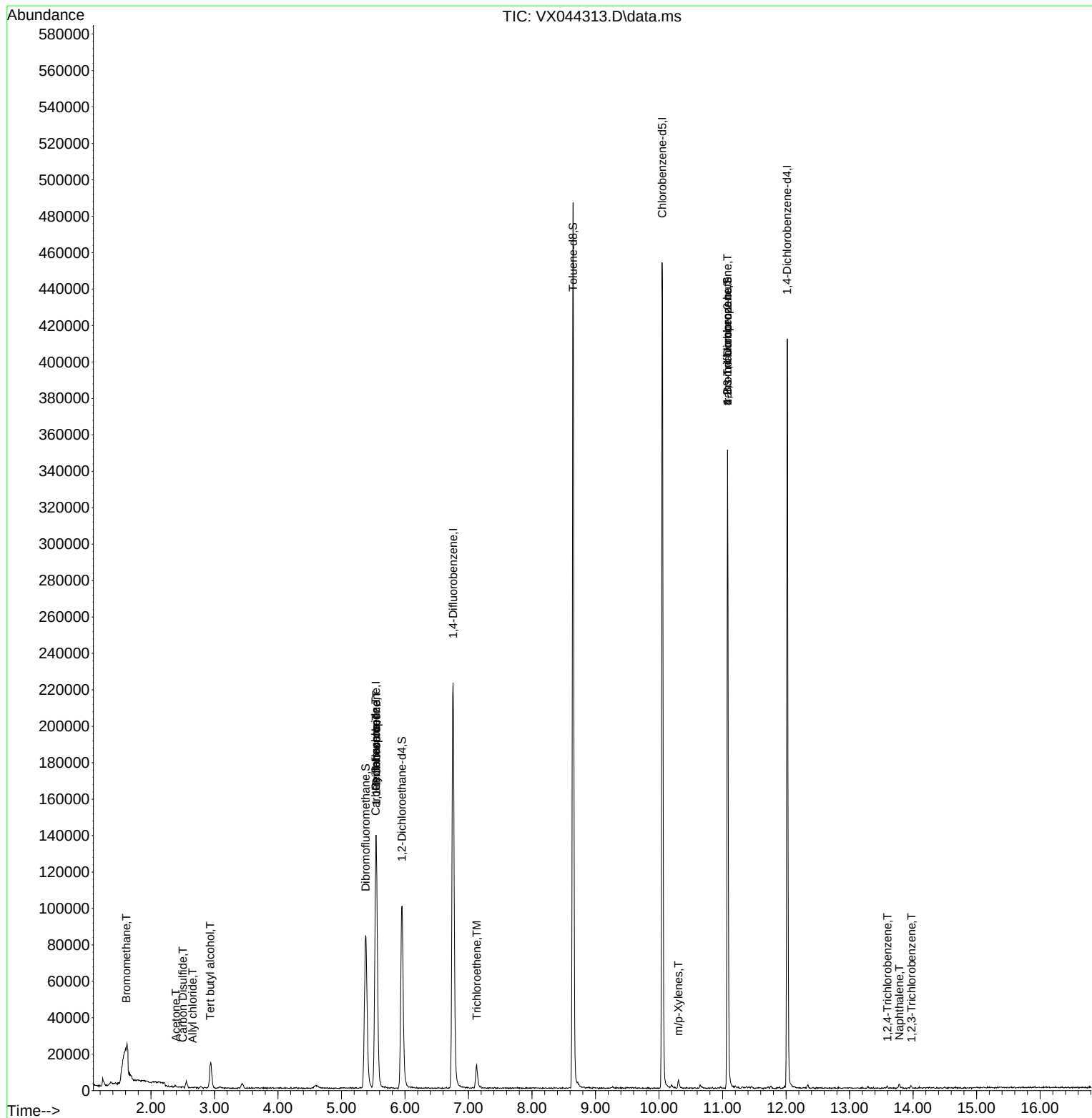
Internal Standards						
1) Pentafluorobenzene	5.544	168	121193	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	224843	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	200483	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	77295	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	101355	47.698	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.400%		
35) Dibromofluoromethane	5.379	113	72900	46.814	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.620%		
50) Toluene-d8	8.647	98	275045	52.353	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	104.700%		
62) 4-Bromofluorobenzene	11.079	95	91075	49.611	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	99.220%		
Target Compounds						Qvalue
5) Bromomethane	1.611	94	770	0.581	ug/l	88
11) Tert butyl alcohol	2.934	59	8598	28.710	ug/l #	77
14) Allyl chloride	2.654	41	542	0.240	ug/l #	58
16) Acetone	2.392	43	1040	1.201	ug/l #	77
17) Carbon Disulfide	2.501	76	935	0.362	ug/l #	75
31) Cyclohexane	5.544	56	3424	1.493	ug/l #	42
36) 1,1-Dichloropropene	5.550	75	10845	5.388	ug/l #	51
38) Carbon Tetrachloride	5.537	117	13773	6.355	ug/l #	16
44) Trichloroethene	7.129	130	4858	3.187	ug/l	79
68) m/p-Xylenes	10.305	106	1131	0.415	ug/l #	71
76) 1,2,3-Trichloropropane	11.079	75	50931	29.511	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	50931	80.708	ug/l #	4
93) 1,2,4-Trichlorobenzene	13.597	180	406	0.285	ug/l	83
95) Naphthalene	13.786	128	2185	0.392	ug/l #	92
96) 1,2,3-Trichlorobenzene	13.975	180	418	0.276	ug/l	85

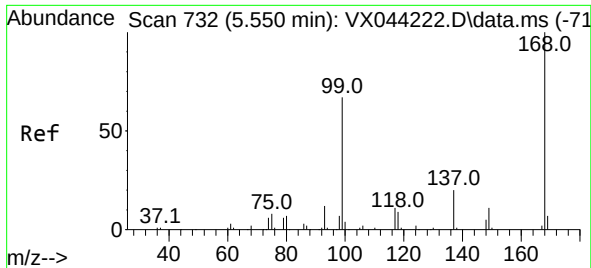
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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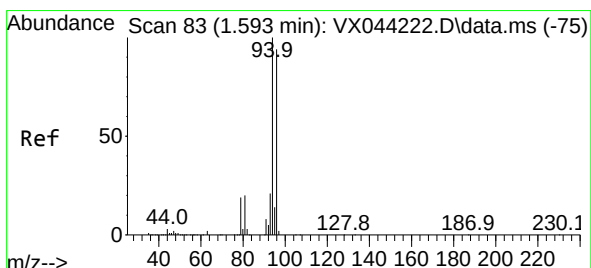
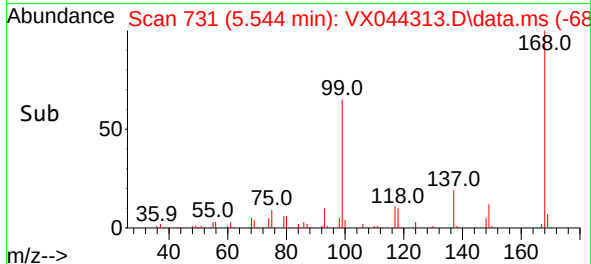
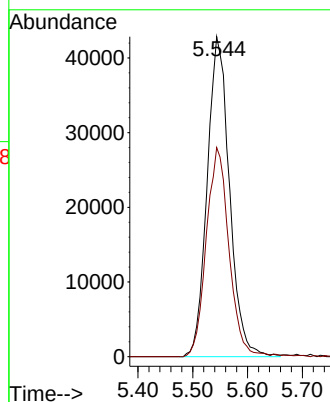
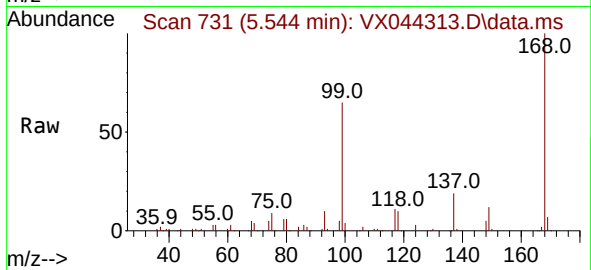




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX044313.D
Acq: 16 Dec 2024 11:06

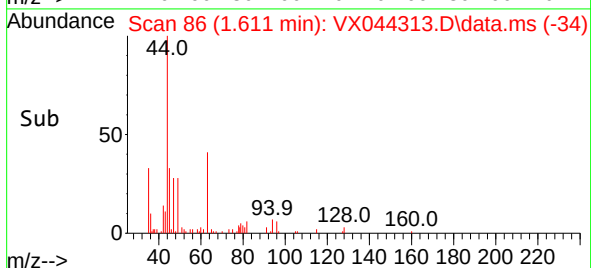
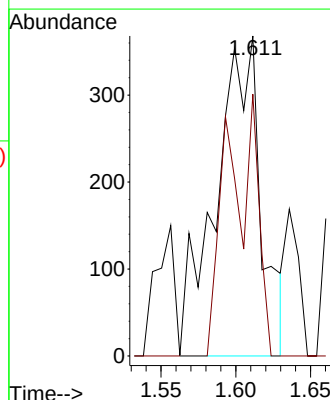
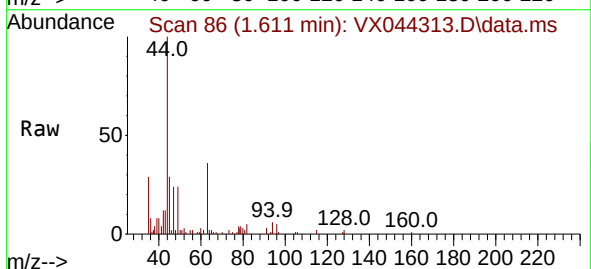
Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20241209

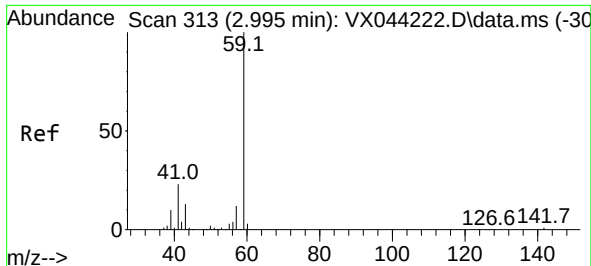
Tgt Ion:168 Resp: 121193
Ion Ratio Lower Upper
168 100
99 65.3 53.4 80.0



#5
Bromomethane
Concen: 0.581 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.018 min
Lab File: VX044313.D
Acq: 16 Dec 2024 11:06

Tgt Ion: 94 Resp: 770
Ion Ratio Lower Upper
94 100
96 81.8 74.9 112.3

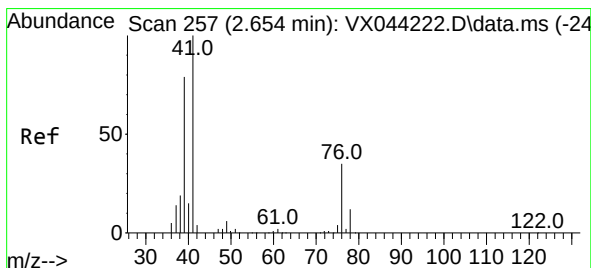
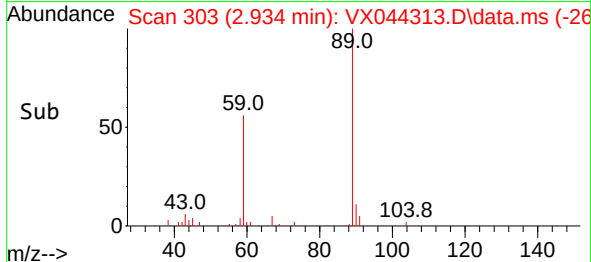
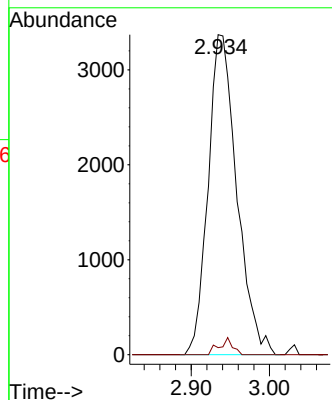
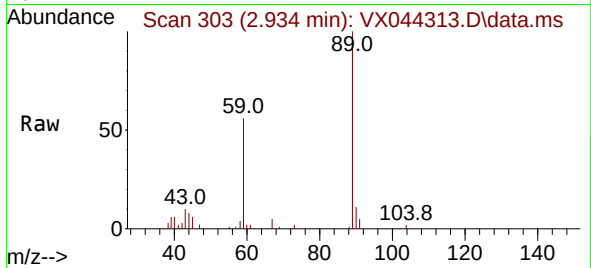




#11
Tert butyl alcohol
Concen: 28.710 ug/l
RT: 2.934 min Scan# 30
Delta R.T. -0.061 min
Lab File: VX044313.D
Acq: 16 Dec 2024 11:06

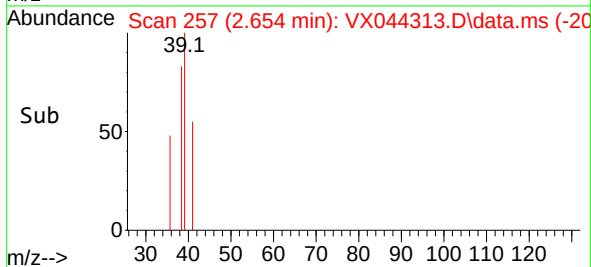
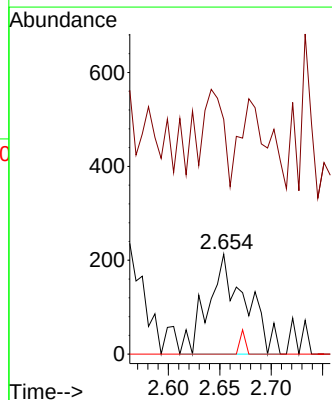
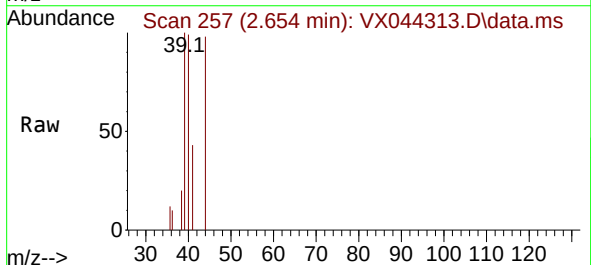
Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20241209

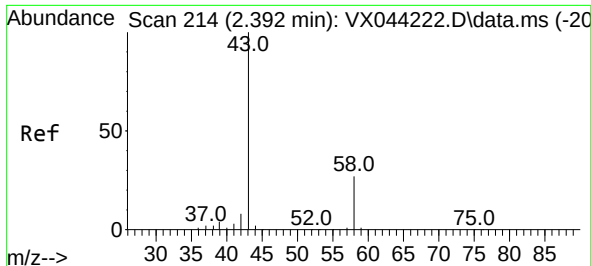
Tgt Ion: 59 Resp: 8598
Ion Ratio Lower Upper
59 100
57 2.4 8.8 13.2#



#14
Allyl chloride
Concen: 0.240 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX044313.D
Acq: 16 Dec 2024 11:06

Tgt Ion: 41 Resp: 542
Ion Ratio Lower Upper
41 100
39 47.2 61.9 92.9#
76 0.0 27.4 41.2#

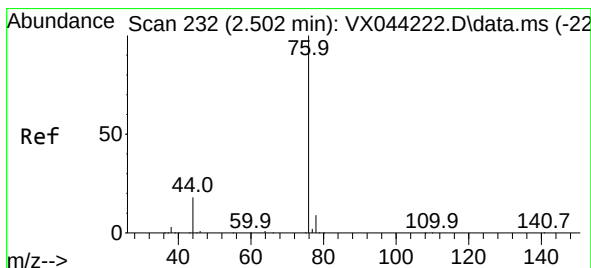
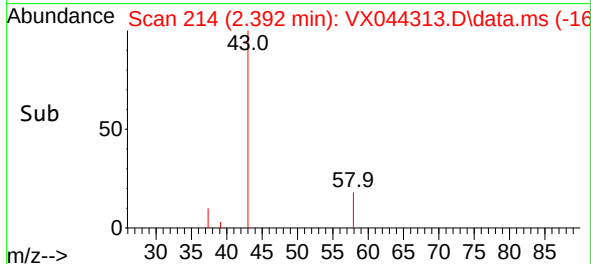
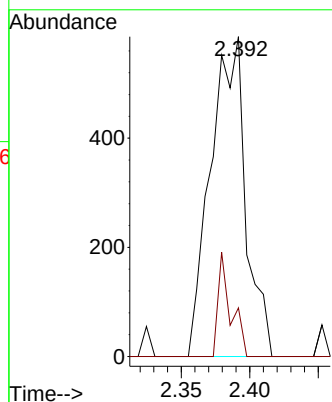
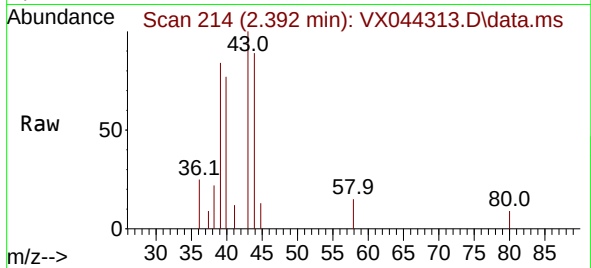




#16
Acetone
Concen: 1.201 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX044313.D
Acq: 16 Dec 2024 11:06

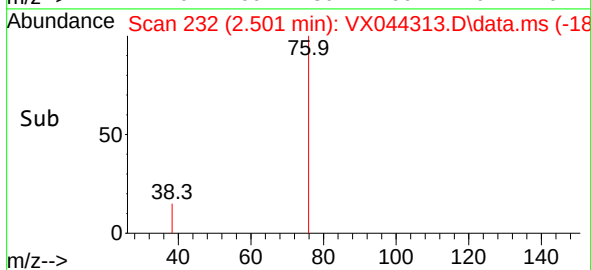
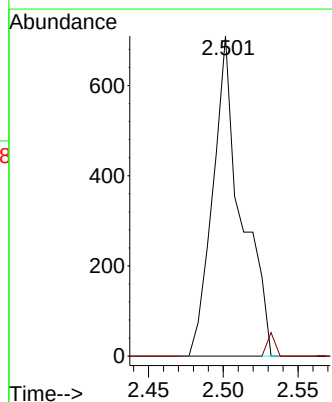
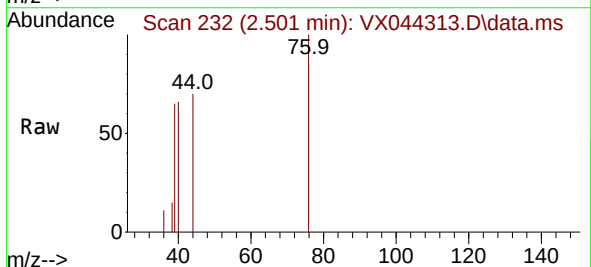
Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20241209

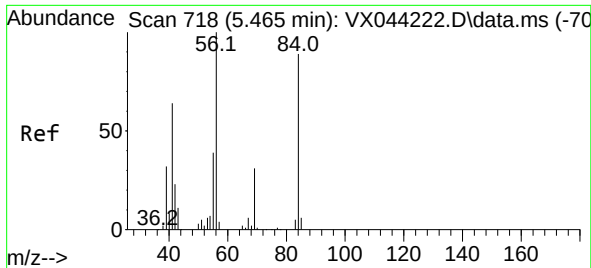
Tgt Ion: 43 Resp: 1040
Ion Ratio Lower Upper
43 100
58 15.2 21.6 32.4#



#17
Carbon Disulfide
Concen: 0.362 ug/l
RT: 2.501 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX044313.D
Acq: 16 Dec 2024 11:06

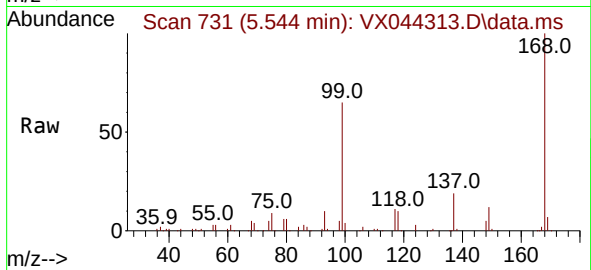
Tgt Ion: 76 Resp: 935
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



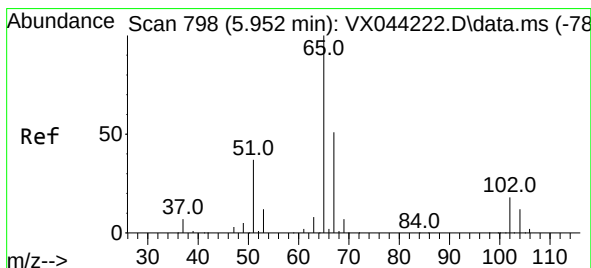
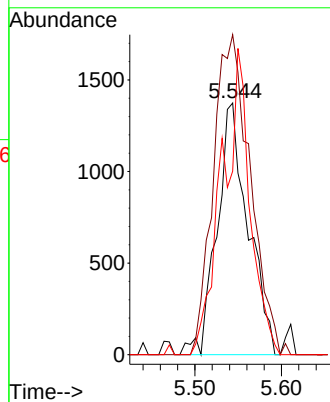
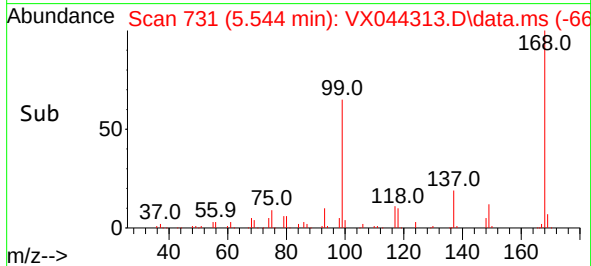


#31
Cyclohexane
Concen: 1.493 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX044313.D
Acq: 16 Dec 2024 11:06

Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20241209

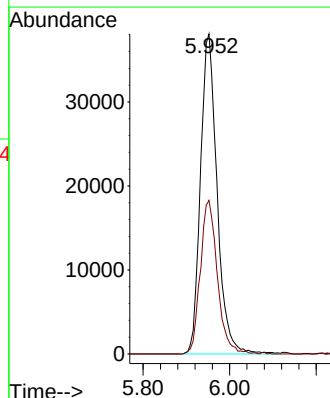
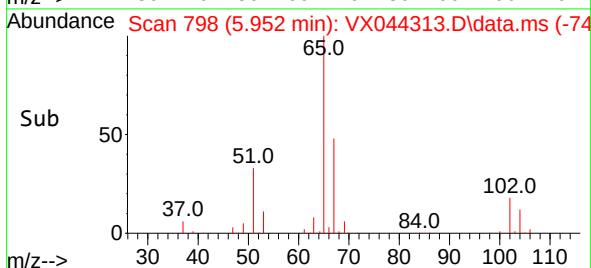
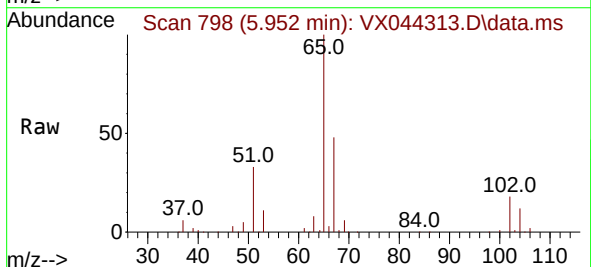


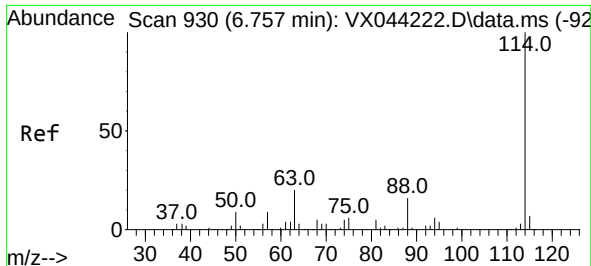
Tgt Ion: 56 Resp: 3424
Ion Ratio Lower Upper
56 100
69 127.1 24.7 37.1#
84 72.9 71.0 106.6



#33
1,2-Dichloroethane-d4
Concen: 47.698 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX044313.D
Acq: 16 Dec 2024 11:06

Tgt Ion: 65 Resp: 101355
Ion Ratio Lower Upper
65 100
67 49.3 0.0 101.6

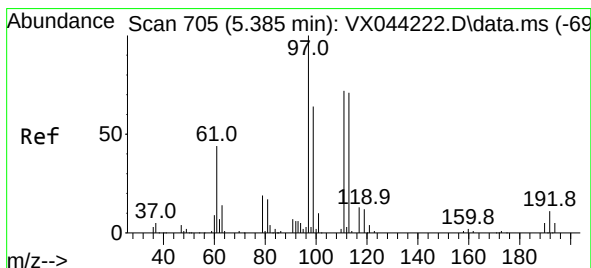
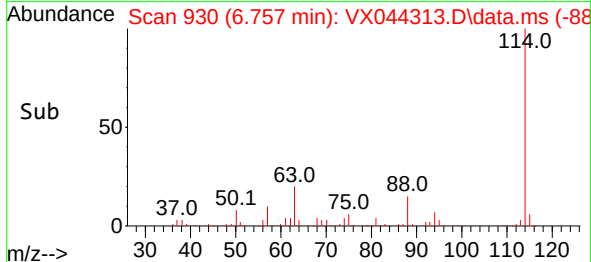
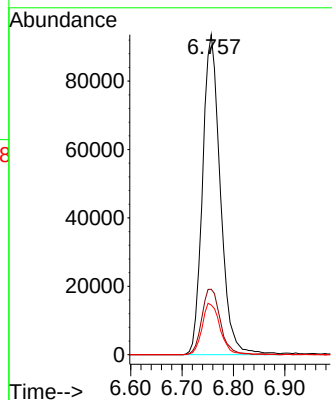
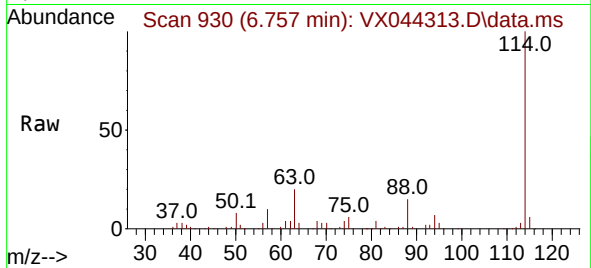




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX044313.D
Acq: 16 Dec 2024 11:06

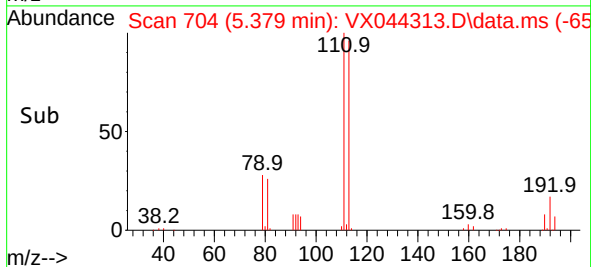
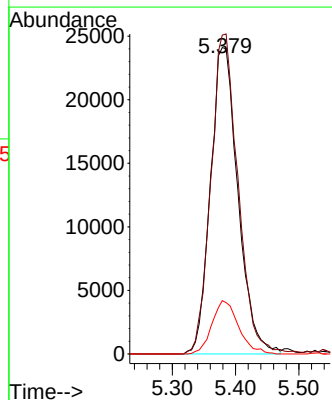
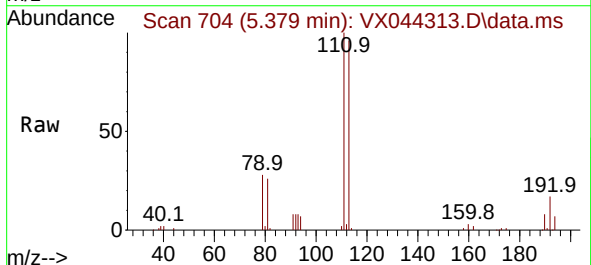
Instrument :
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ClientSampleId :
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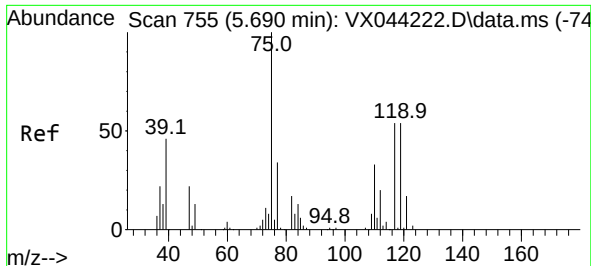
Tgt Ion:114 Resp: 224843
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.6
88 15.5 0.0 31.8



#35
Dibromofluoromethane
Concen: 46.814 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX044313.D
Acq: 16 Dec 2024 11:06

Tgt Ion:113 Resp: 72900
Ion Ratio Lower Upper
113 100
111 103.3 80.4 120.6
192 16.8 13.3 19.9

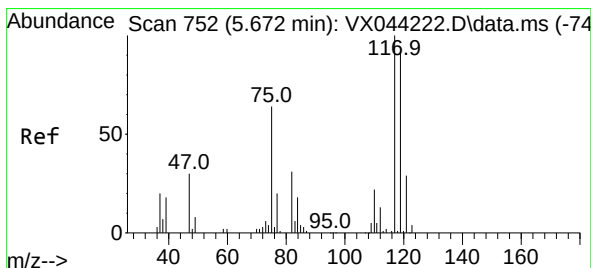
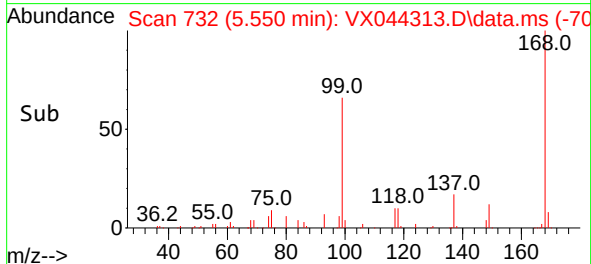
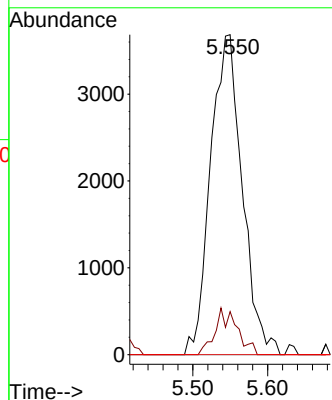
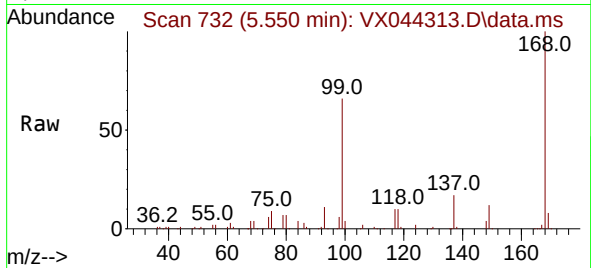




#36
1,1-Dichloropropene
Concen: 5.388 ug/l
RT: 5.550 min Scan# 710
Delta R.T. -0.140 min
Lab File: VX044313.D
Acq: 16 Dec 2024 11:06

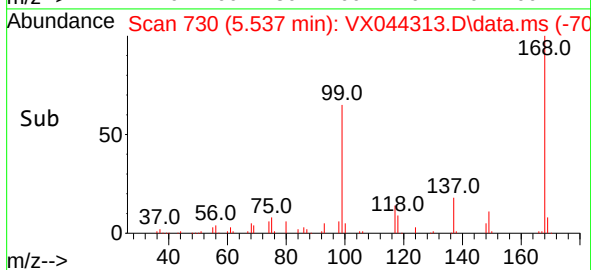
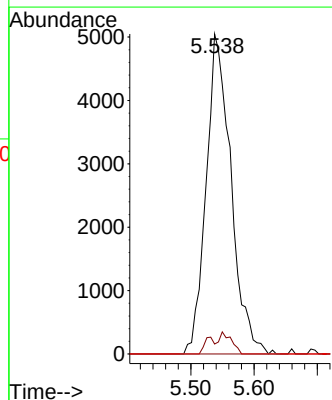
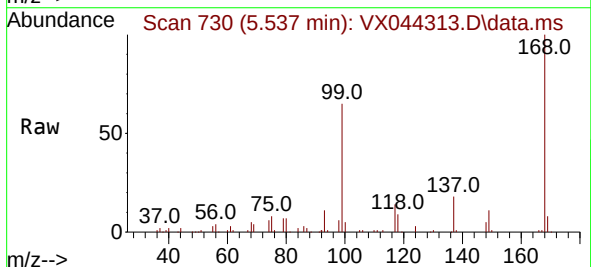
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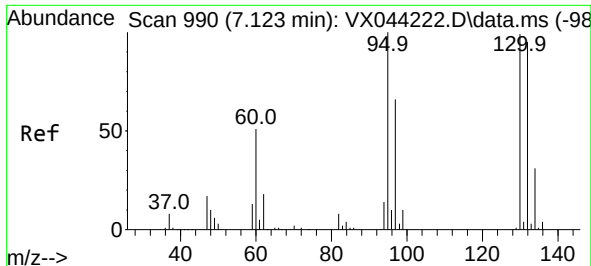
Tgt Ion: 75 Resp: 10845
Ion Ratio Lower Upper
75 100
110 10.1 17.3 51.7#
77 0.0 25.4 38.0#



#38
Carbon Tetrachloride
Concen: 6.355 ug/l
RT: 5.537 min Scan# 730
Delta R.T. -0.134 min
Lab File: VX044313.D
Acq: 16 Dec 2024 11:06

Tgt Ion: 117 Resp: 13773
Ion Ratio Lower Upper
117 100
119 3.1 74.2 111.4#
121 0.0 23.0 34.6#

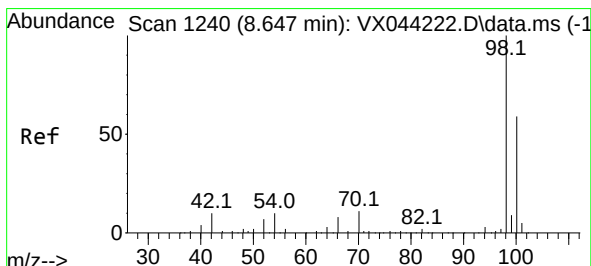
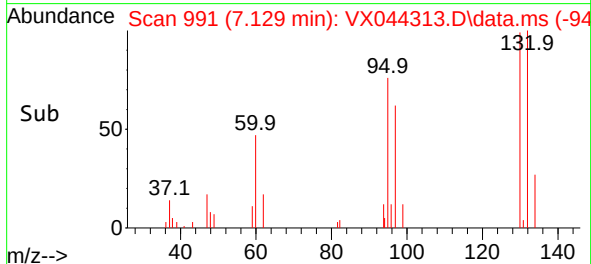
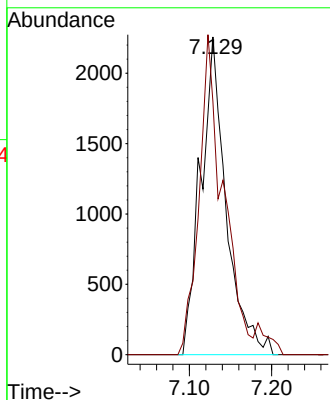
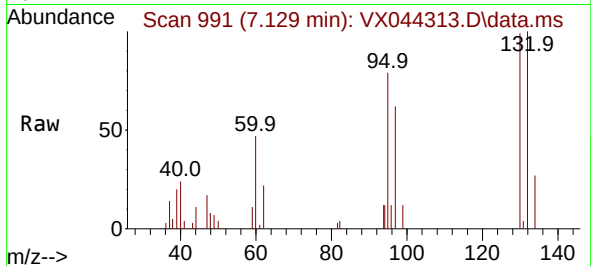




#44
Trichloroethene
Concen: 3.187 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX044313.D
Acq: 16 Dec 2024 11:06

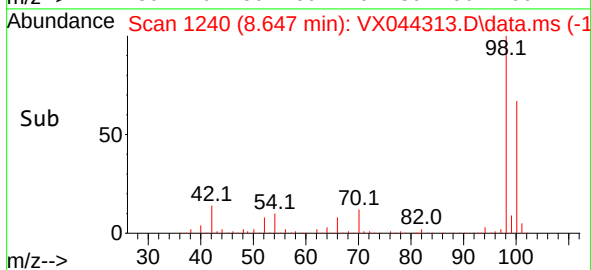
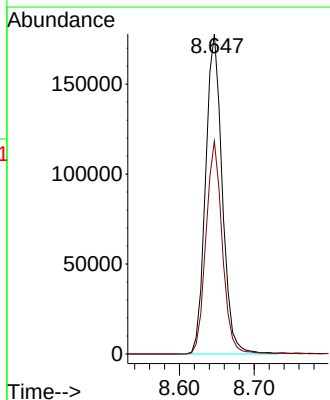
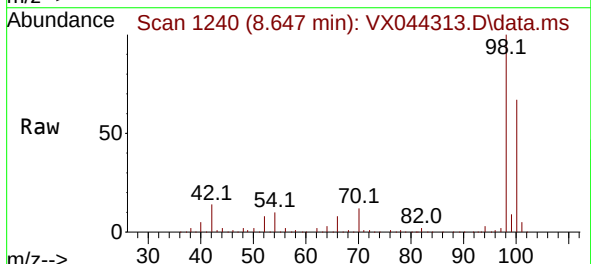
Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20241209

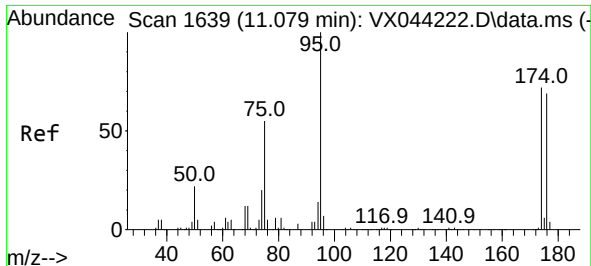
Tgt Ion:130 Resp: 4858
Ion Ratio Lower Upper
130 100
95 79.6 0.0 201.4



#50
Toluene-d8
Concen: 52.353 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044313.D
Acq: 16 Dec 2024 11:06

Tgt Ion: 98 Resp: 275045
Ion Ratio Lower Upper
98 100
100 65.1 51.5 77.3

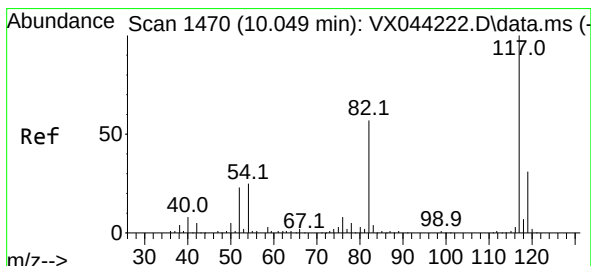
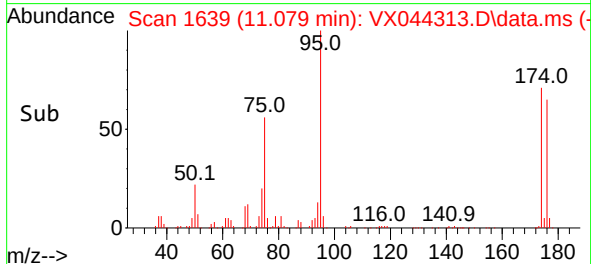
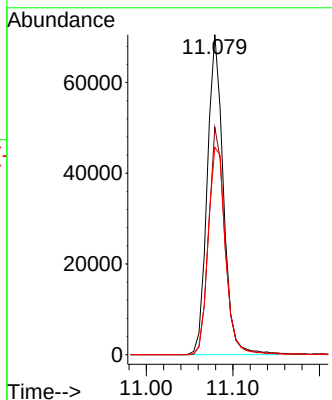
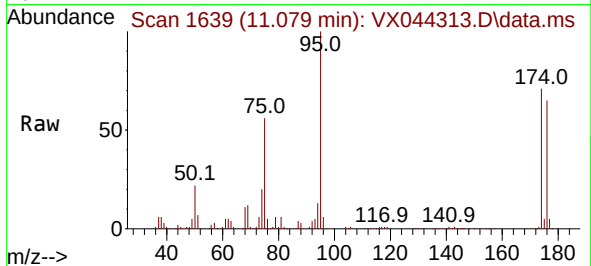




#62
4-Bromofluorobenzene
Concen: 49.611 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044313.D
Acq: 16 Dec 2024 11:06

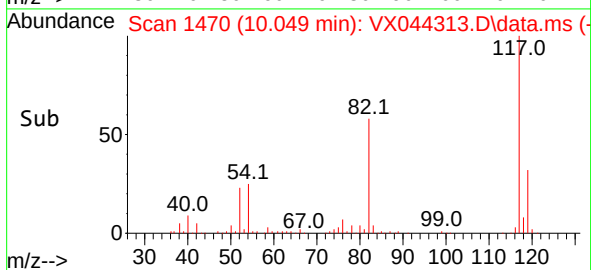
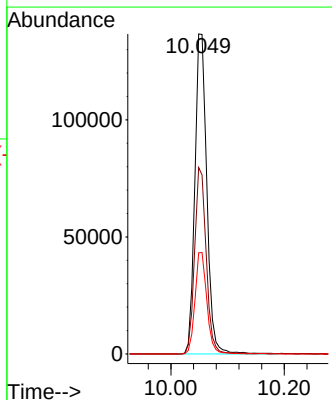
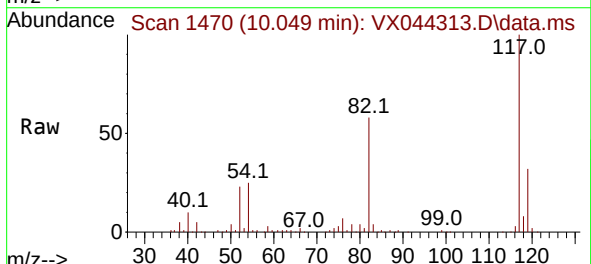
Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20241209

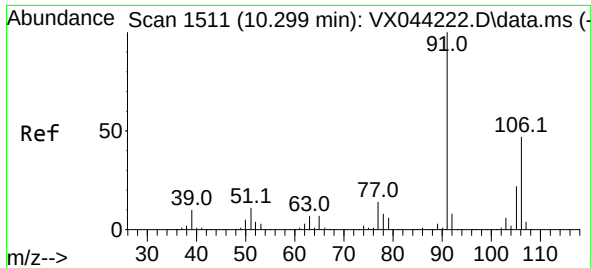
Tgt Ion: 95 Resp: 91075
Ion Ratio Lower Upper
95 100
174 71.5 0.0 145.8
176 70.1 0.0 137.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX044313.D
Acq: 16 Dec 2024 11:06

Tgt Ion: 117 Resp: 200483
Ion Ratio Lower Upper
117 100
82 58.3 45.8 68.8
119 31.6 25.0 37.4

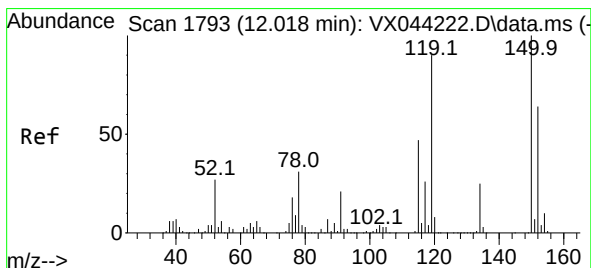
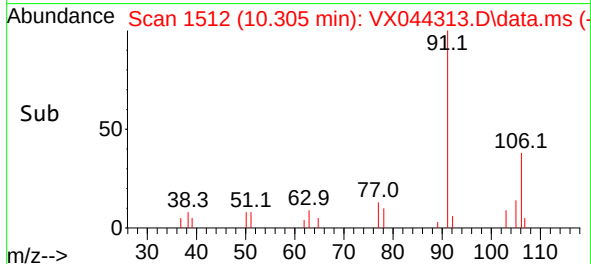
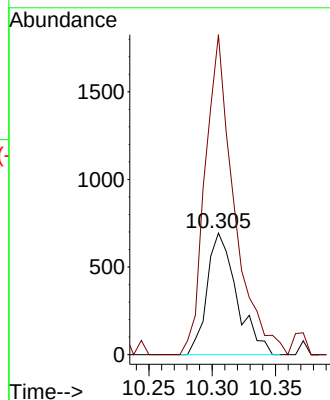
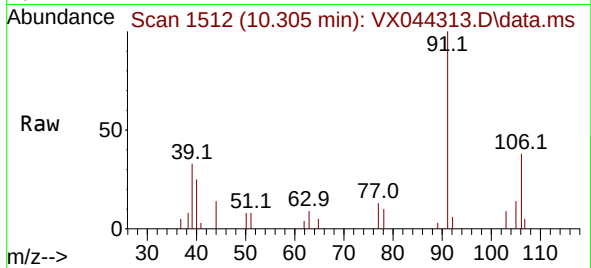




#68
m/p-Xylenes
Concen: 0.415 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX044313.D
Acq: 16 Dec 2024 11:06

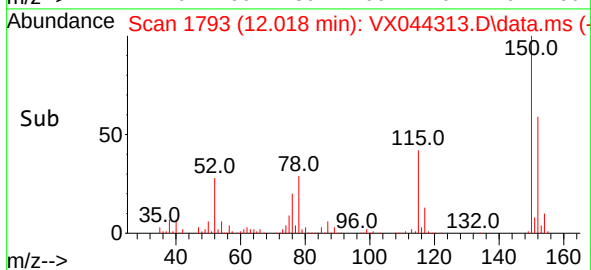
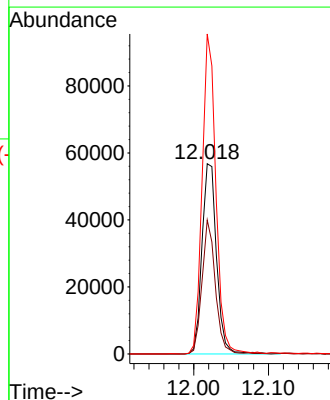
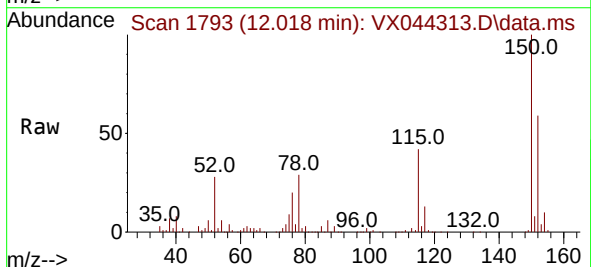
Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20241209

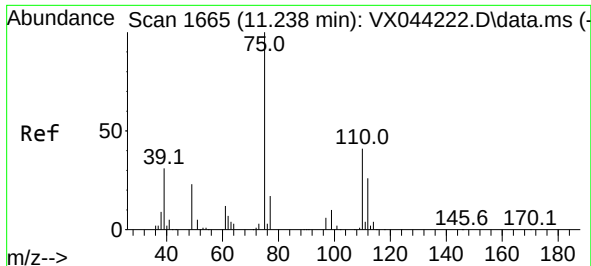
Tgt Ion:106 Resp: 1131
Ion Ratio Lower Upper
106 100
91 257.6 170.2 255.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX044313.D
Acq: 16 Dec 2024 11:06

Tgt Ion:152 Resp: 77295
Ion Ratio Lower Upper
152 100
115 64.3 44.5 133.3
150 157.7 0.0 353.8

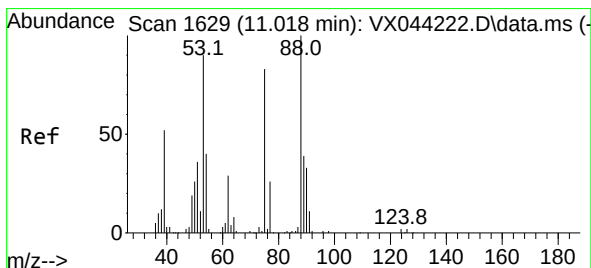
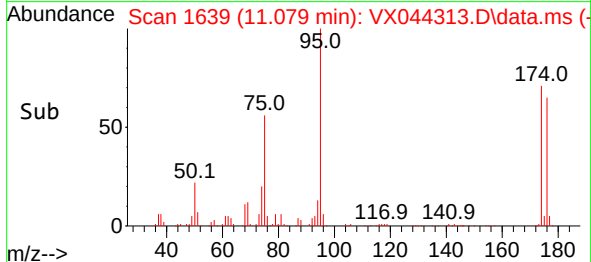
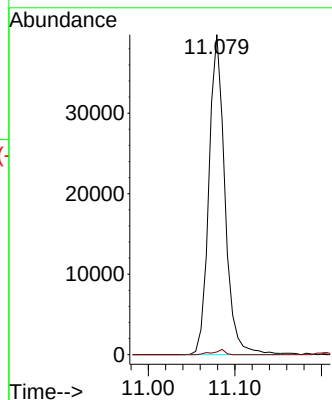
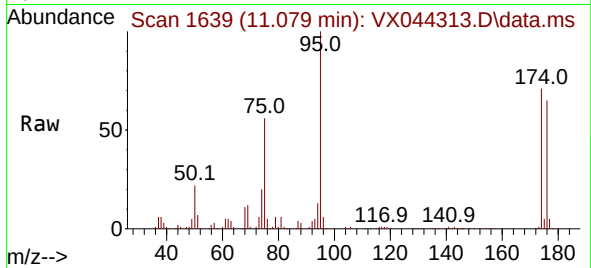




#76
1,2,3-Trichloropropane
Concen: 29.511 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX044313.D
Acq: 16 Dec 2024 11:06

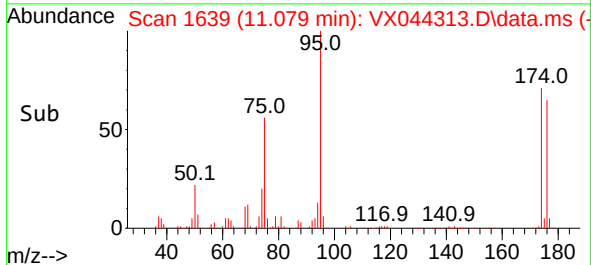
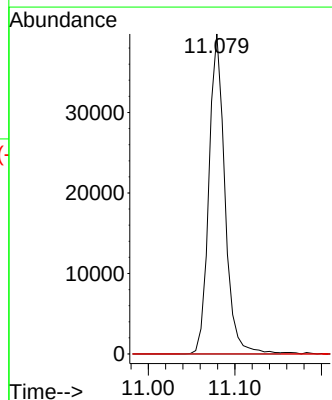
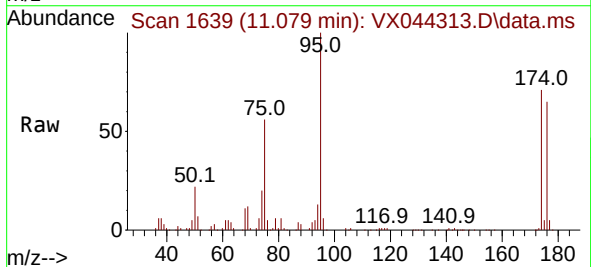
Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20241209

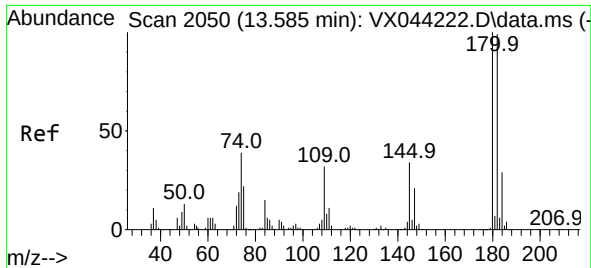
Tgt Ion: 75 Resp: 50931
Ion Ratio Lower Upper
75 100
77 1.2 20.9 62.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.708 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044313.D
Acq: 16 Dec 2024 11:06

Tgt Ion: 75 Resp: 50931
Ion Ratio Lower Upper
75 100
53 0.0 93.6 140.4#
89 0.0 37.3 55.9#

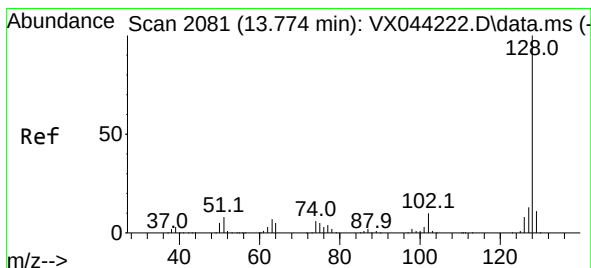
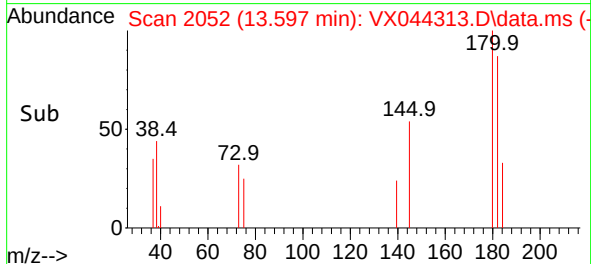
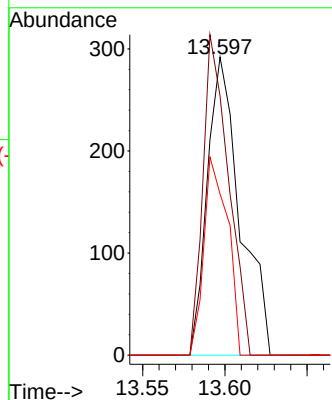
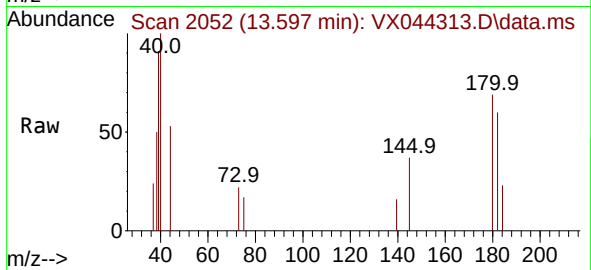




#93
1,2,4-Trichlorobenzene
Concen: 0.285 ug/l
RT: 13.597 min Scan# 2050
Delta R.T. 0.012 min
Lab File: VX044313.D
Acq: 16 Dec 2024 11:06

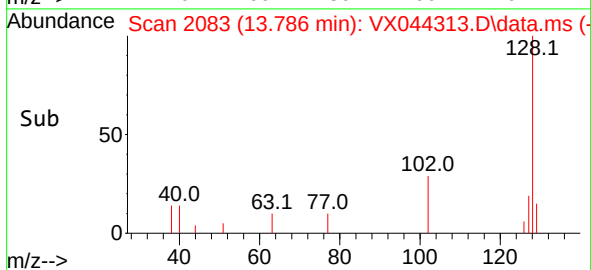
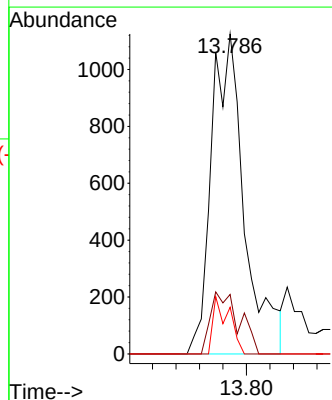
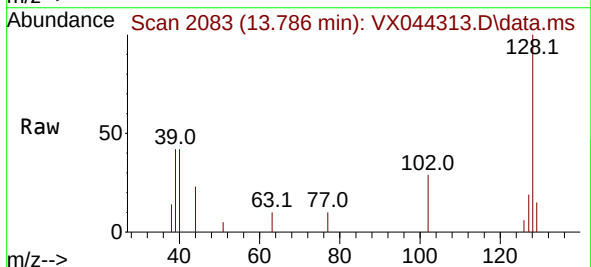
Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20241209

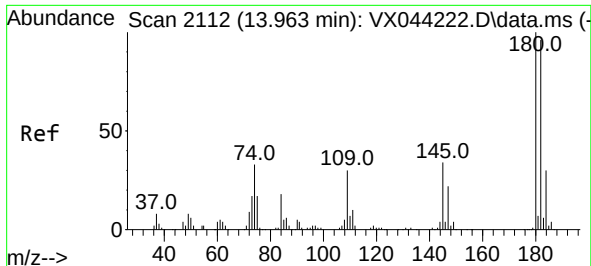
Tgt Ion:	180	Resp:	406
Ion	Ratio	Lower	Upper
180	100		
182	83.3	48.0	144.2
145	48.0	16.6	49.7



#95
Naphthalene
Concen: 0.392 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.012 min
Lab File: VX044313.D
Acq: 16 Dec 2024 11:06

Tgt Ion:	128	Resp:	2185
Ion	Ratio	Lower	Upper
128	100		
127	16.8	10.5	15.7#
129	8.8	9.0	13.4#





#96

1,2,3-Trichlorobenzene

Concen: 0.276 ug/l

RT: 13.975 min Scan# 21

Delta R.T. 0.012 min

Lab File: VX044313.D

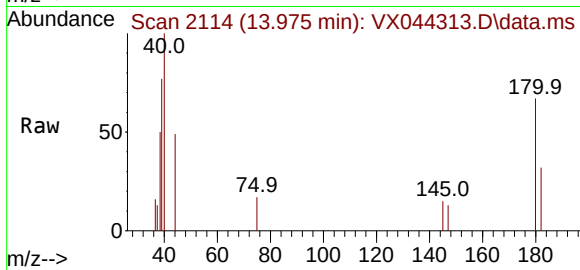
Acq: 16 Dec 2024 11:06

Instrument :

MSVOA_X

ClientSampleId :

RE122D3-20241209



Tgt Ion:180 Resp: 418

Ion Ratio Lower Upper

180 100

182 106.9 48.0 144.0

145 20.8 17.7 53.1

