

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121624\
 Data File : VX044322.D
 Acq On : 16 Dec 2024 14:34
 Operator : JC/MD
 Sample : P5261-16DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D3-20241210DL

Quant Time: Dec 17 00:50:27 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)

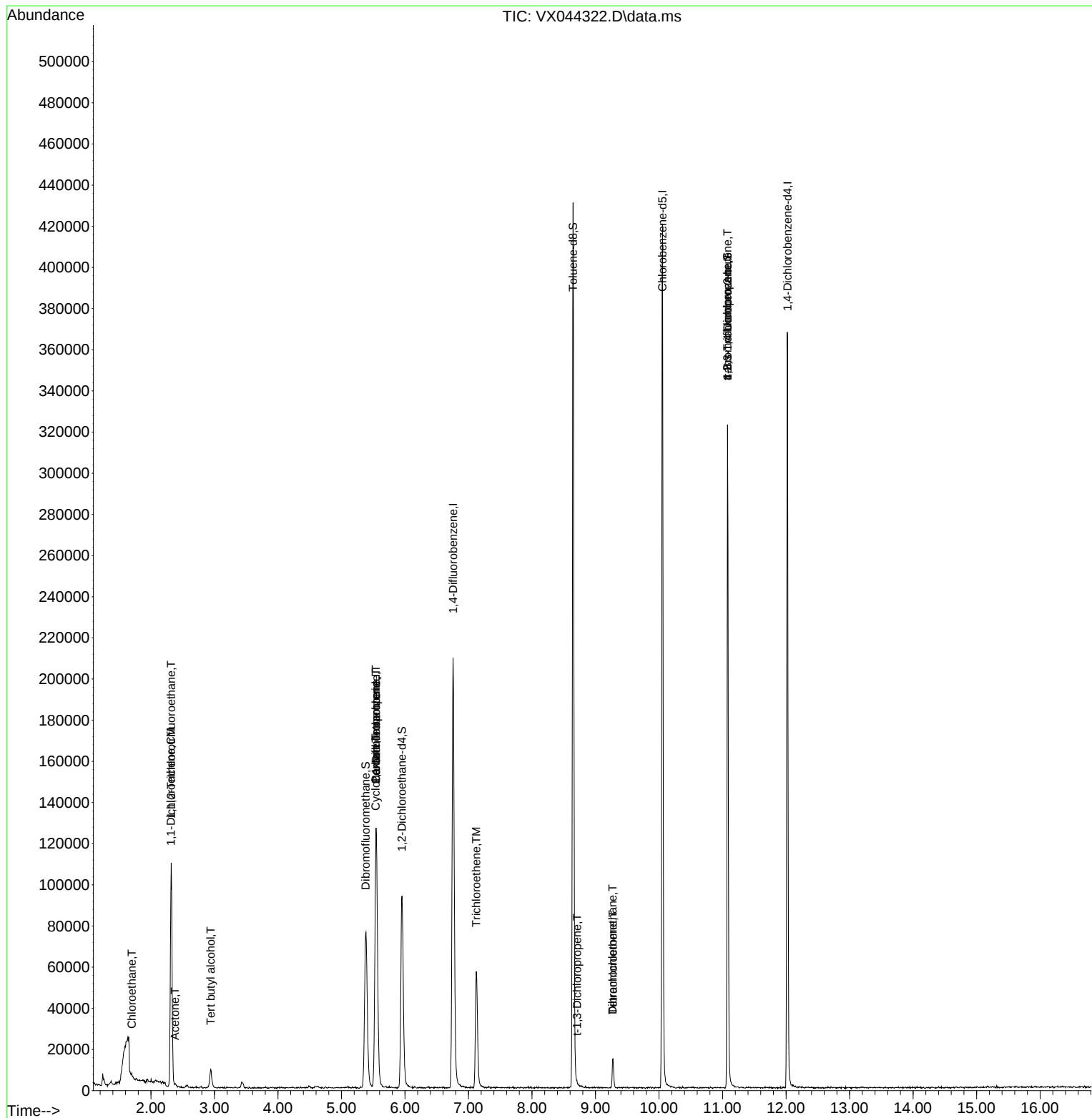
Internal Standards						
1) Pentafluorobenzene	5.544	168	114288	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	207751	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	184124	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74369	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	94447	47.133	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.260%		
35) Dibromofluoromethane	5.379	113	67073	46.615	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.240%		
50) Toluene-d8	8.647	98	256276	52.793	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	105.580%		
62) 4-Bromofluorobenzene	11.079	95	82542	48.662	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	97.320%		
Target Compounds						Qvalue
6) Chloroethane	1.697	64	243	0.222	ug/l #	41
9) 1,1,2-Trichlorotrifluo...	2.319	101	40662	29.155	ug/l	99
11) Tert butyl alcohol	2.940	59	4749	16.816	ug/l #	73
12) 1,1-Dichloroethene	2.312	96	322	0.251	ug/l #	36
16) Acetone	2.379	43	714	0.874	ug/l #	83
31) Cyclohexane	5.537	56	3327	1.538	ug/l #	51
36) 1,1-Dichloropropene	5.544	75	10239	5.505	ug/l #	51
38) Carbon Tetrachloride	5.544	117	12814	6.399	ug/l #	17
44) Trichloroethene	7.123	130	22886	16.252	ug/l	87
53) t-1,3-Dichloropropene	8.708	75	20	1.006	ug/l #	41
60) Dibromochloromethane	9.268	129	2813	3.151	ug/l #	11
64) Tetrachloroethene	9.275	164	2651	2.169	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	46336	27.905	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	46336	76.619	ug/l #	4

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

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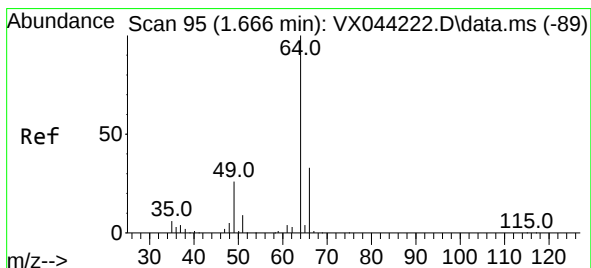
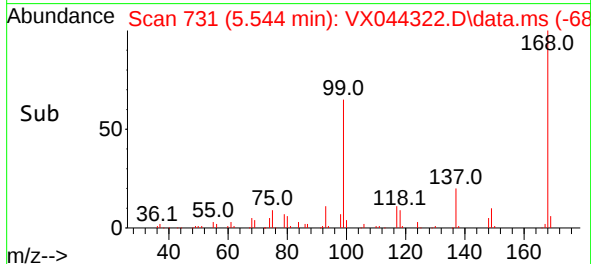
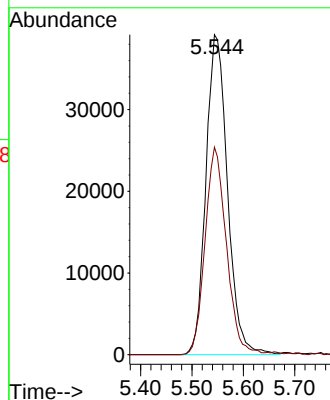
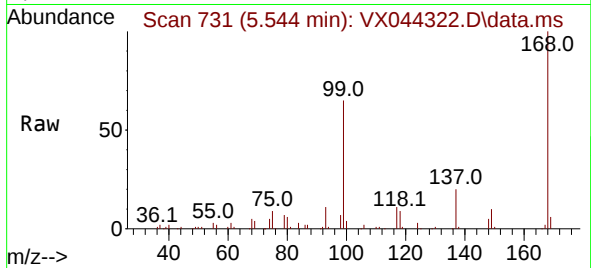




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX044322.D
Acq: 16 Dec 2024 14:34

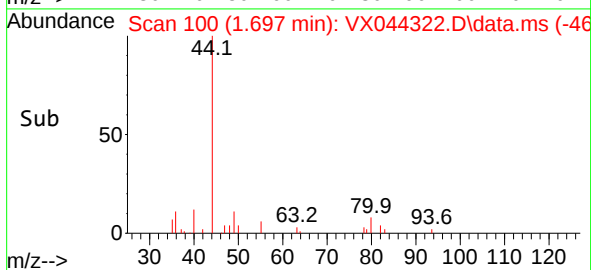
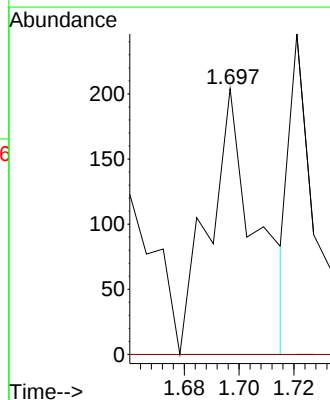
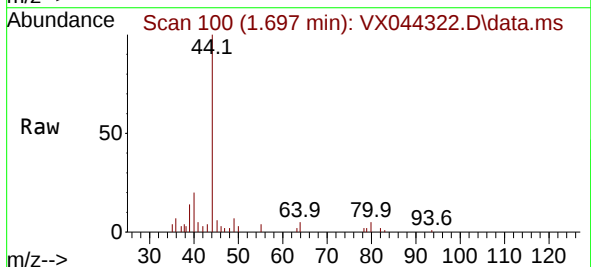
Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20241210DL

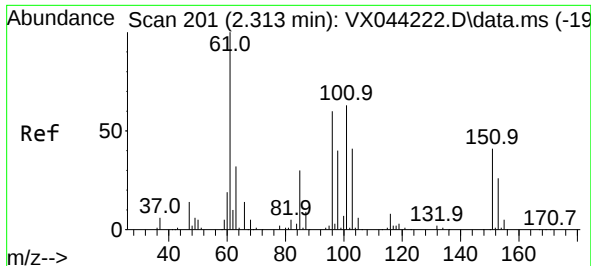
Tgt Ion:168 Resp: 114288
Ion Ratio Lower Upper
168 100
99 64.9 53.4 80.0



#6
Chloroethane
Concen: 0.222 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.030 min
Lab File: VX044322.D
Acq: 16 Dec 2024 14:34

Tgt Ion: 64 Resp: 243
Ion Ratio Lower Upper
64 100
66 0.0 26.6 39.8#

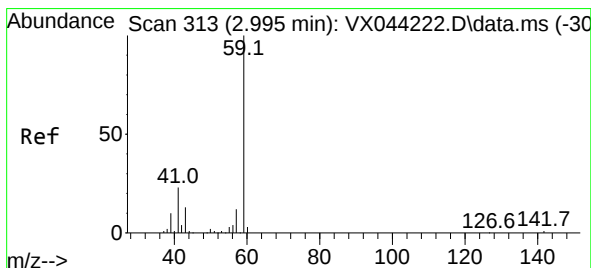
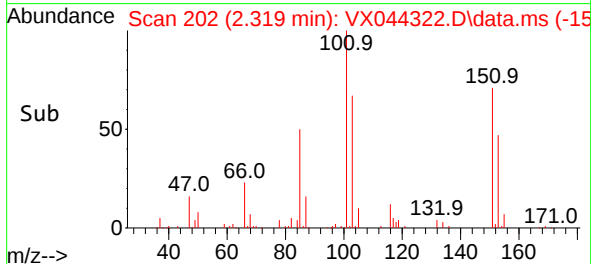
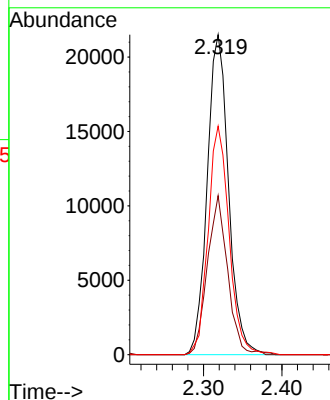
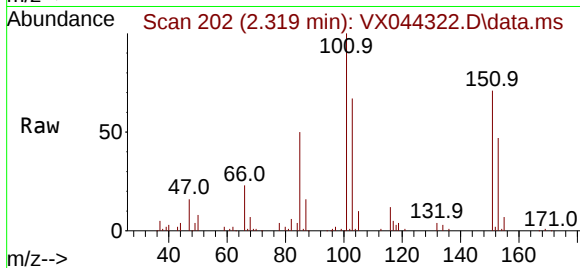




#9
1,1,2-Trichlorotrifluoroethane
Concen: 29.155 ug/l
RT: 2.319 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX044322.D
Acq: 16 Dec 2024 14:34

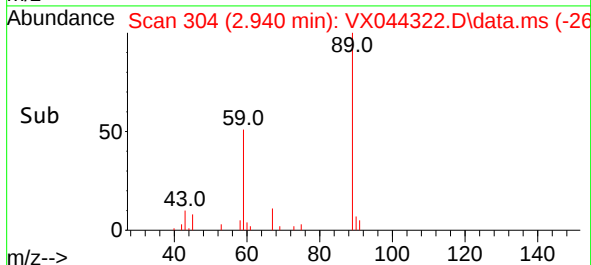
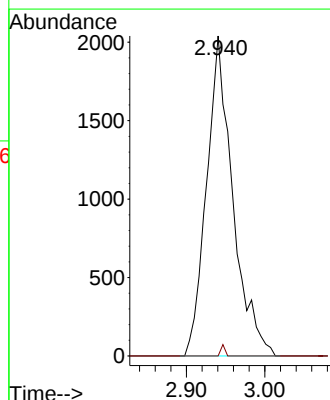
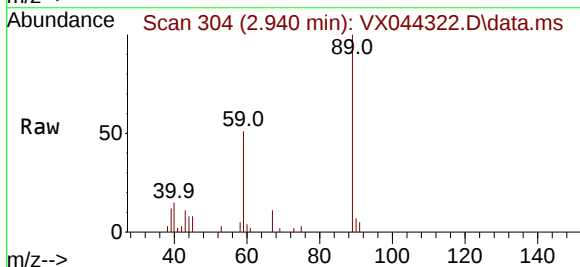
Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20241210DL

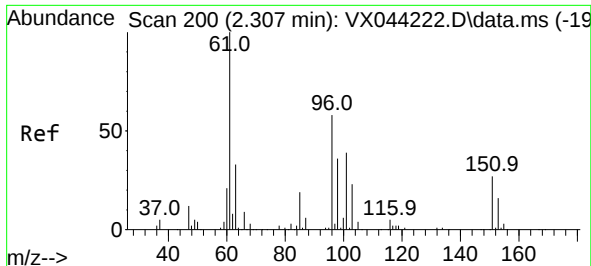
Tgt Ion:101 Resp: 40662
Ion Ratio Lower Upper
101 100
85 47.2 38.5 57.7
151 70.5 55.8 83.6



#11
Tert butyl alcohol
Concen: 16.816 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.055 min
Lab File: VX044322.D
Acq: 16 Dec 2024 14:34

Tgt Ion: 59 Resp: 4749
Ion Ratio Lower Upper
59 100
57 0.6 8.8 13.2#





#12

1,1-Dichloroethene

Concen: 0.251 ug/l

RT: 2.312 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX044322.D

Acq: 16 Dec 2024 14:34

Instrument :

MSVOA_X

ClientSampleId :

RE125D3-20241210DL

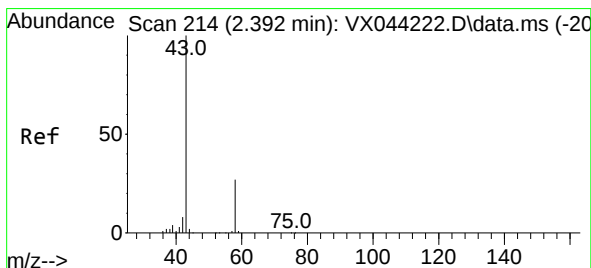
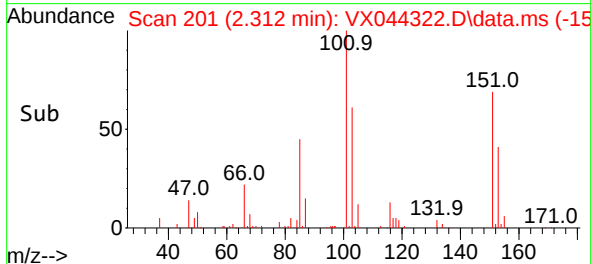
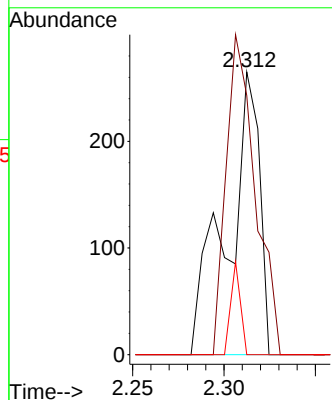
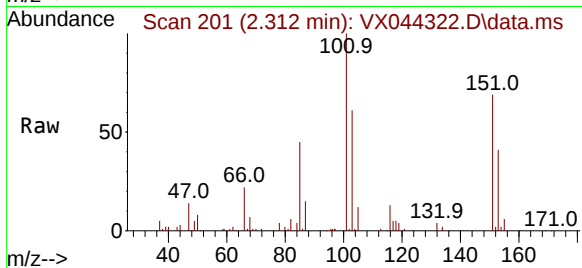
Tgt Ion: 96 Resp: 322

Ion Ratio Lower Upper

96 100

61 91.7 138.0 207.0#

98 0.0 50.0 75.0#



#16

Acetone

Concen: 0.874 ug/l

RT: 2.379 min Scan# 212

Delta R.T. -0.012 min

Lab File: VX044322.D

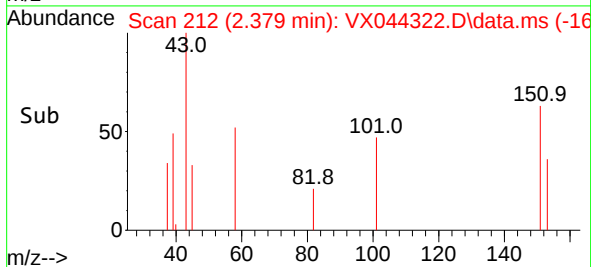
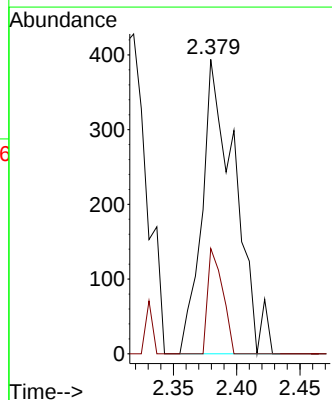
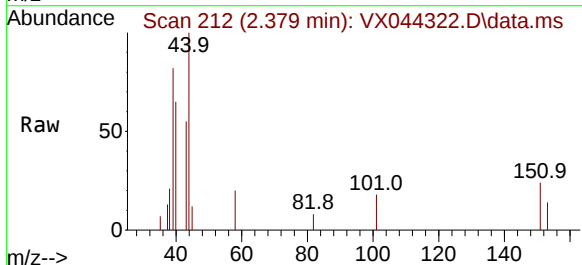
Acq: 16 Dec 2024 14:34

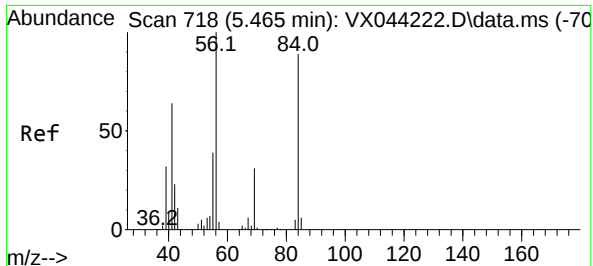
Tgt Ion: 43 Resp: 714

Ion Ratio Lower Upper

43 100

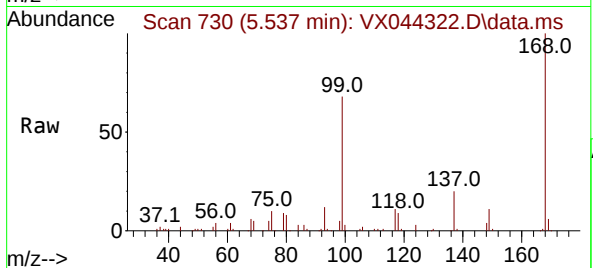
58 35.8 21.6 32.4#





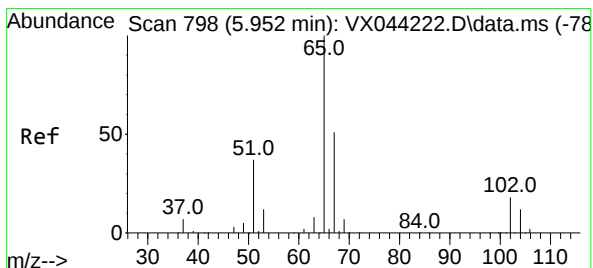
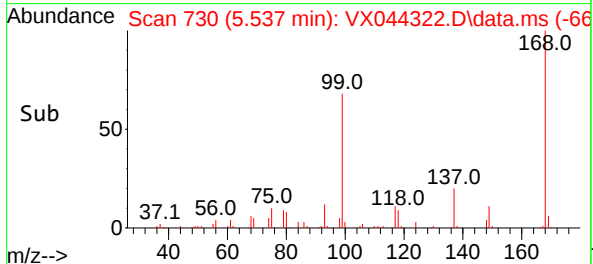
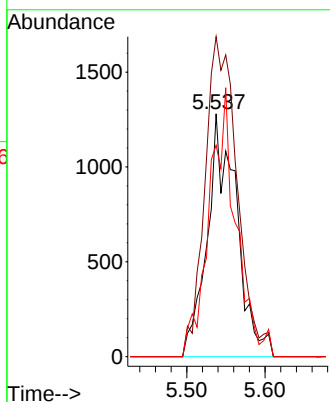
#31
Cyclohexane
Concen: 1.538 ug/l
RT: 5.537 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX044322.D
Acq: 16 Dec 2024 14:34

Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20241210DL



Tgt Ion: 56 Resp: 3327

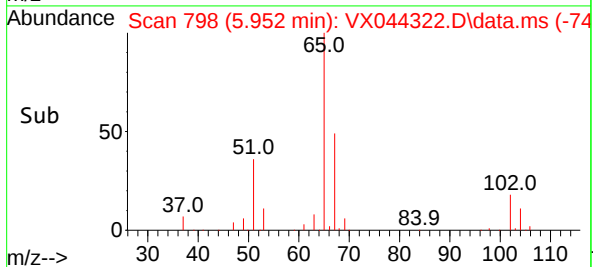
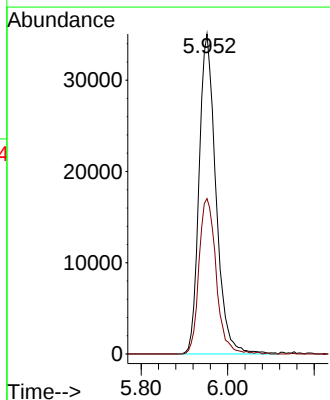
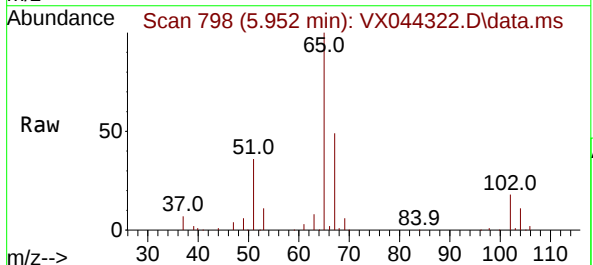
Ion	Ratio	Lower	Upper
56	100		
69	131.8	24.7	37.1#
84	87.0	71.0	106.6

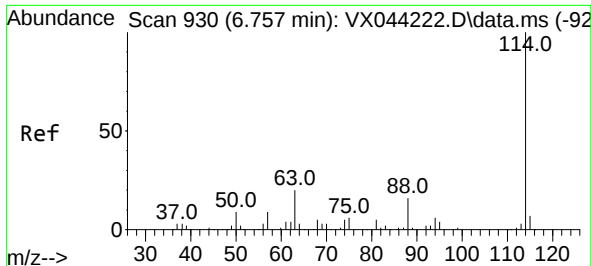


#33
1,2-Dichloroethane-d4
Concen: 47.133 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX044322.D
Acq: 16 Dec 2024 14:34

Tgt Ion: 65 Resp: 94447

Ion	Ratio	Lower	Upper
65	100		
67	49.6	0.0	101.6

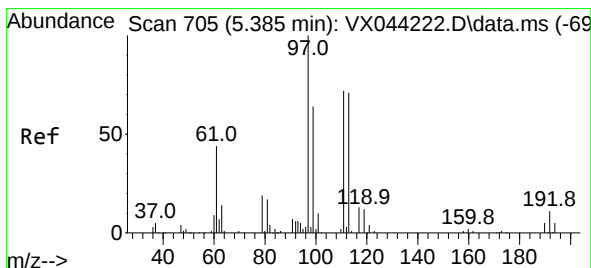
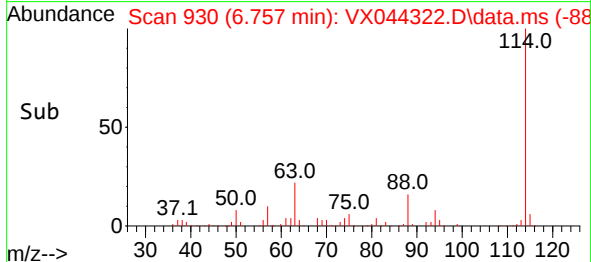
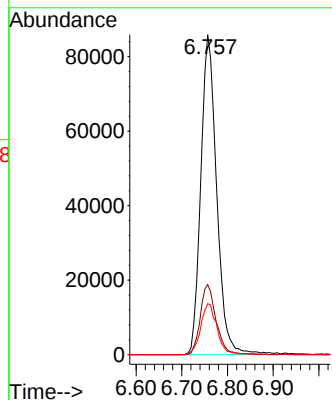
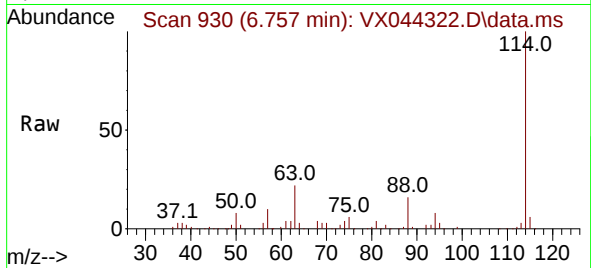




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX044322.D
Acq: 16 Dec 2024 14:34

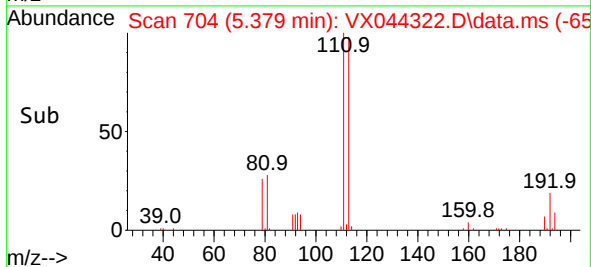
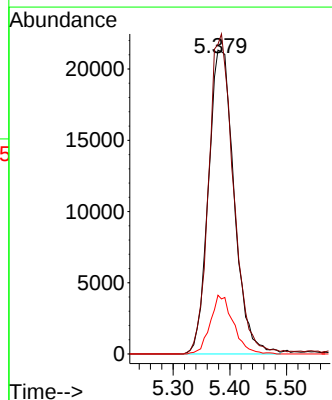
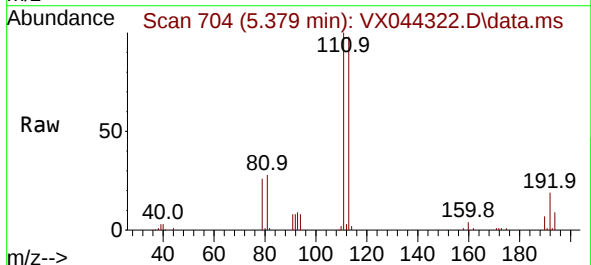
Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20241210DL

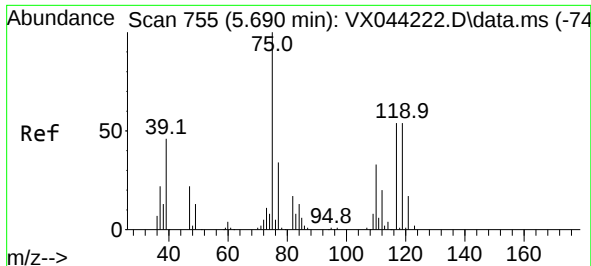
Tgt Ion:114 Resp: 207751
Ion Ratio Lower Upper
114 100
63 21.9 0.0 40.6
88 15.9 0.0 31.8



#35
Dibromofluoromethane
Concen: 46.615 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX044322.D
Acq: 16 Dec 2024 14:34

Tgt Ion:113 Resp: 67073
Ion Ratio Lower Upper
113 100
111 102.0 80.4 120.6
192 17.4 13.3 19.9





#36

1,1-Dichloropropene

Concen: 5.505 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.147 min

Lab File: VX044322.D

Acq: 16 Dec 2024 14:34

Instrument :

MSVOA_X

ClientSampleId :

RE125D3-20241210DL

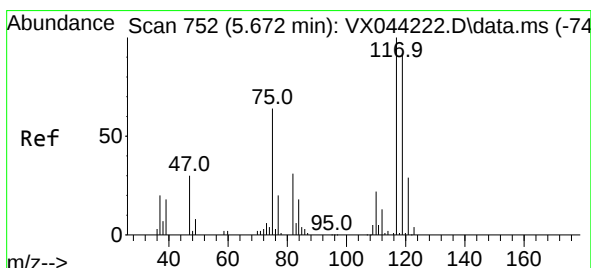
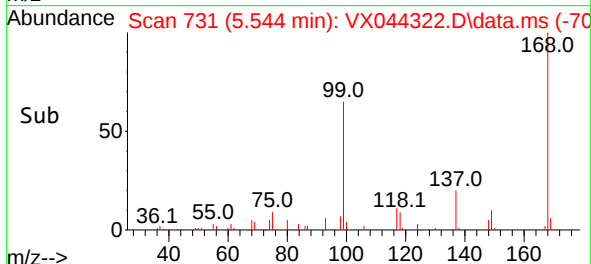
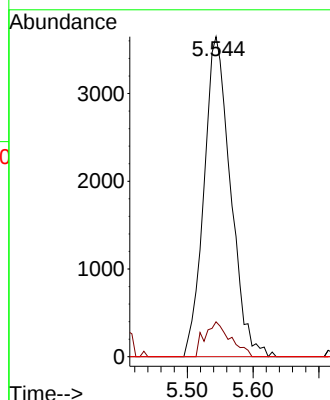
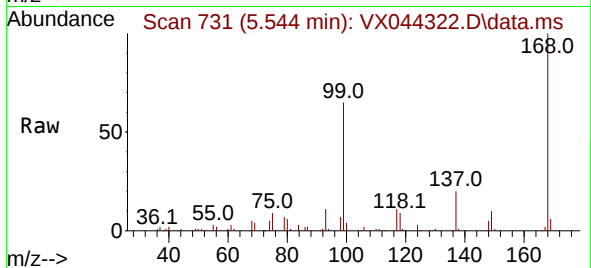
Tgt Ion: 75 Resp: 10239

Ion Ratio Lower Upper

75 100

110 10.5 17.3 51.7#

77 0.0 25.4 38.0#



#38

Carbon Tetrachloride

Concen: 6.399 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.128 min

Lab File: VX044322.D

Acq: 16 Dec 2024 14:34

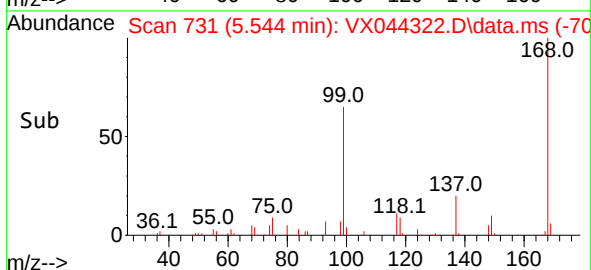
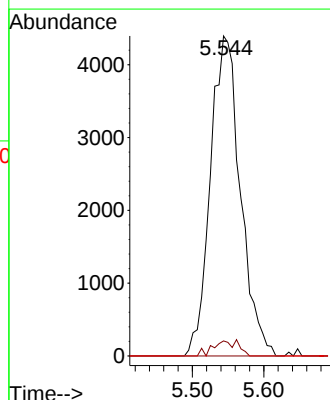
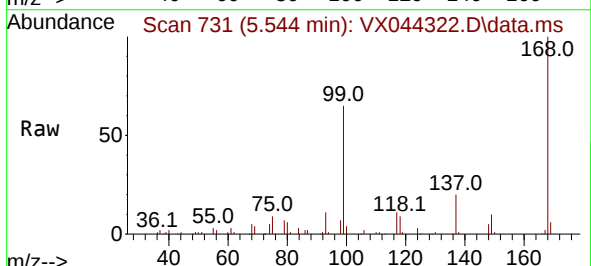
Tgt Ion: 117 Resp: 12814

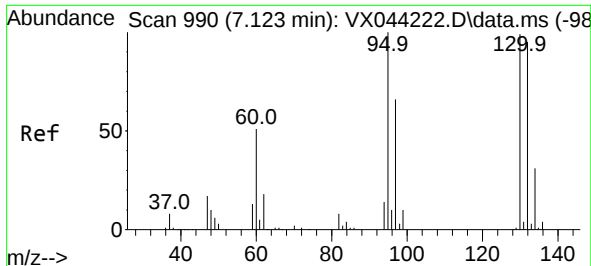
Ion Ratio Lower Upper

117 100

119 4.7 74.2 111.4#

121 0.0 23.0 34.6#

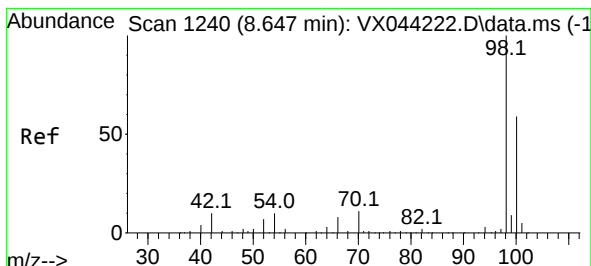
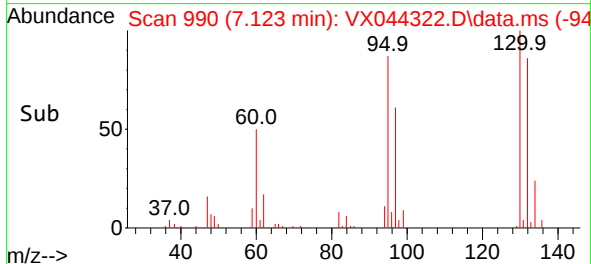
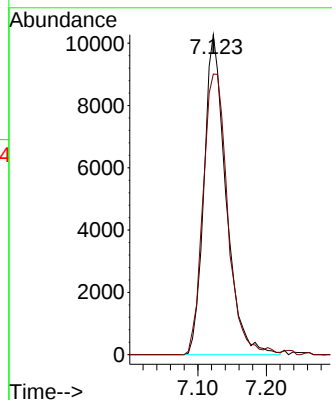
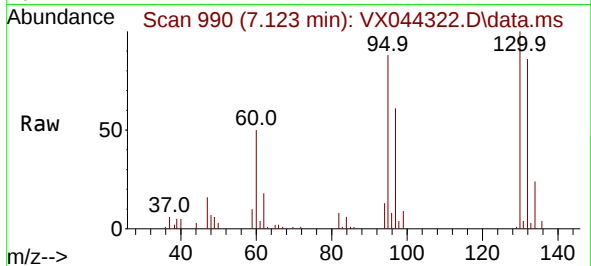




#44
Trichloroethene
Concen: 16.252 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX044322.D
Acq: 16 Dec 2024 14:34

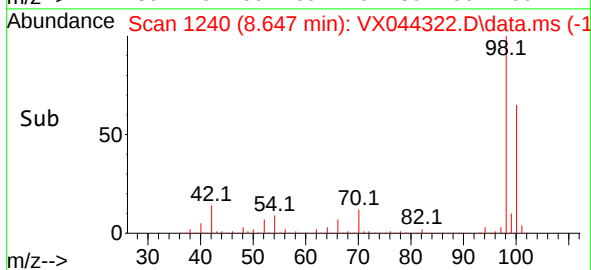
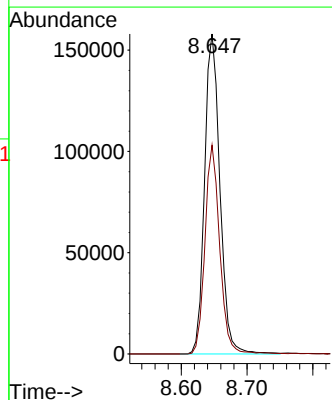
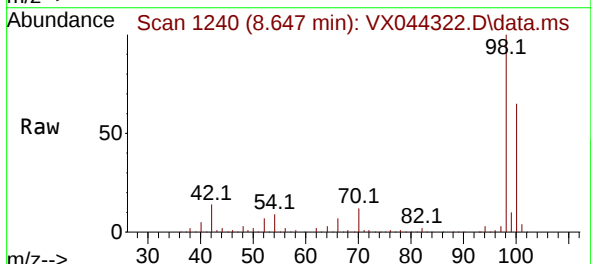
Instrument :
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RE125D3-20241210DL

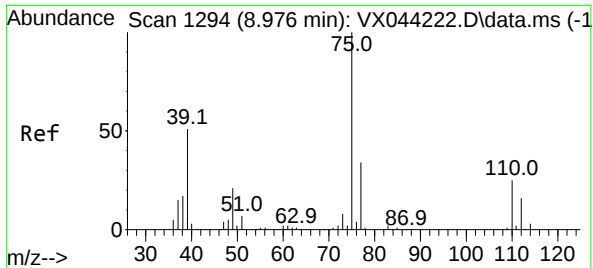
Tgt Ion:130 Resp: 22886
Ion Ratio Lower Upper
130 100
95 87.7 0.0 201.4



#50
Toluene-d8
Concen: 52.793 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044322.D
Acq: 16 Dec 2024 14:34

Tgt Ion: 98 Resp: 256276
Ion Ratio Lower Upper
98 100
100 63.0 51.5 77.3





#53

t-1,3-Dichloropropene

Concen: 1.006 ug/l

RT: 8.708 min Scan# 11

Delta R.T. -0.268 min

Lab File: VX044322.D

Acq: 16 Dec 2024 14:34

Instrument :

MSVOA_X

ClientSampleId :

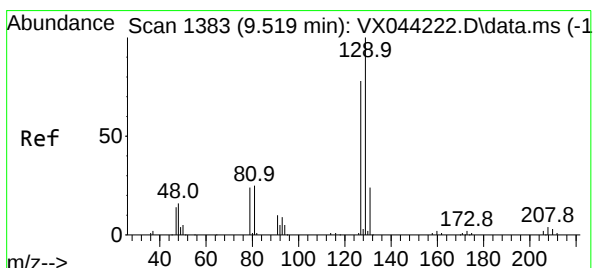
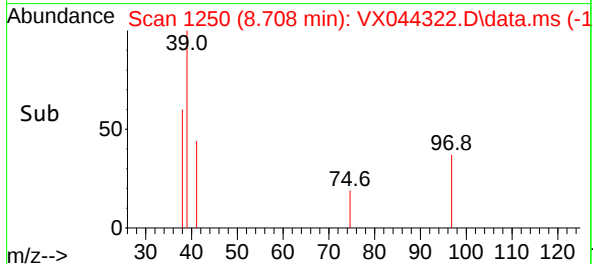
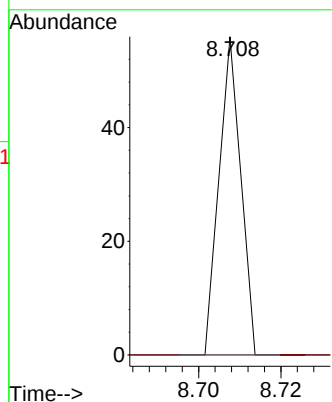
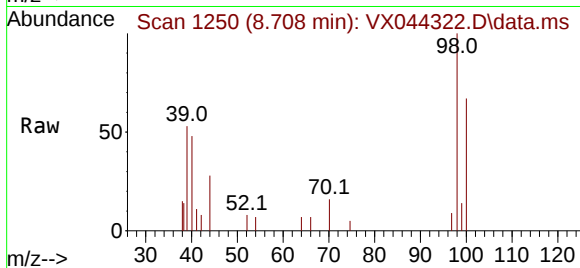
RE125D3-20241210DL

Tgt Ion: 75 Resp: 20

Ion Ratio Lower Upper

75 100

77 0.0 27.2 40.8#



#60

Dibromochloromethane

Concen: 3.151 ug/l

RT: 9.268 min Scan# 1342

Delta R.T. -0.250 min

Lab File: VX044322.D

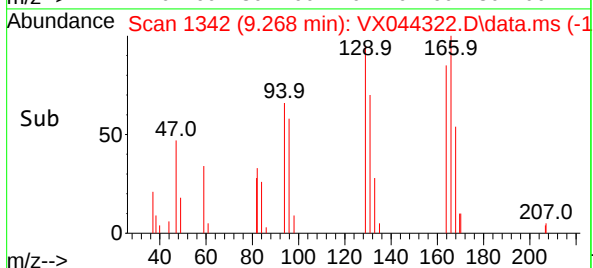
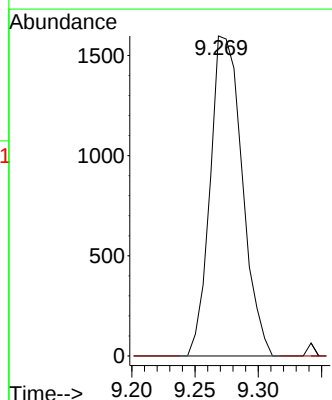
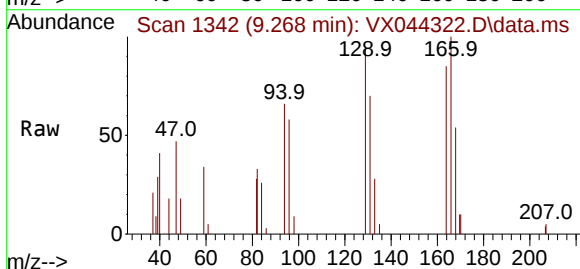
Acq: 16 Dec 2024 14:34

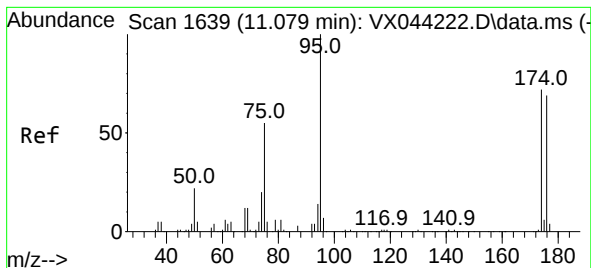
Tgt Ion: 129 Resp: 2813

Ion Ratio Lower Upper

129 100

127 0.0 38.5 115.3#

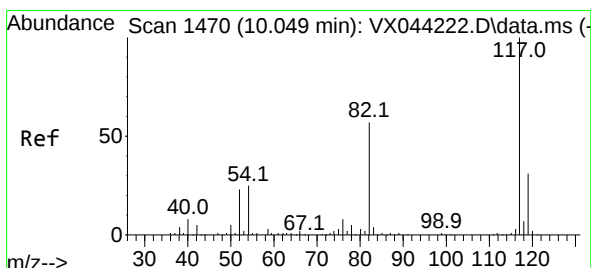
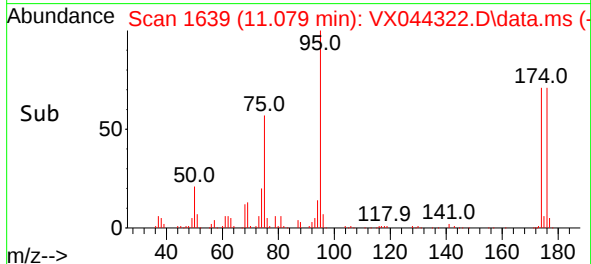
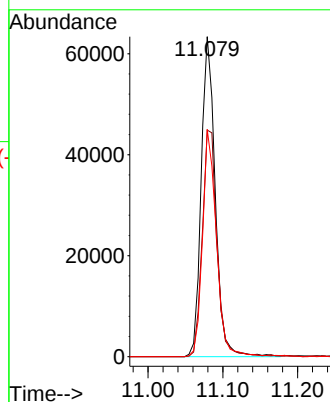
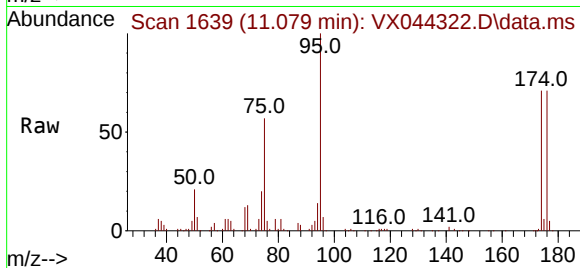




#62
4-Bromofluorobenzene
Concen: 48.662 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044322.D
Acq: 16 Dec 2024 14:34

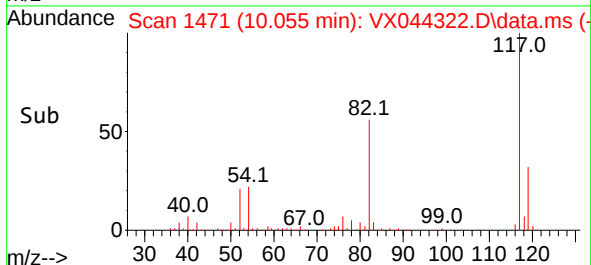
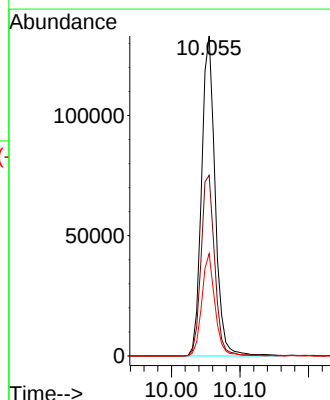
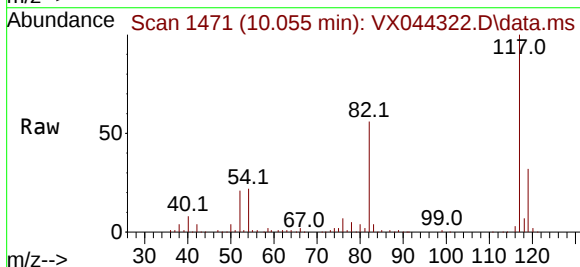
Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20241210DL

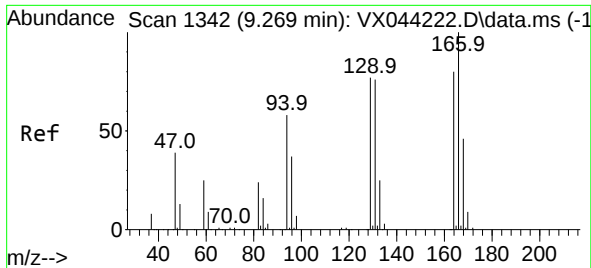
Tgt Ion: 95 Resp: 82542
Ion Ratio Lower Upper
95 100
174 74.1 0.0 145.8
176 70.4 0.0 137.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX044322.D
Acq: 16 Dec 2024 14:34

Tgt Ion: 117 Resp: 184124
Ion Ratio Lower Upper
117 100
82 56.5 45.8 68.8
119 32.0 25.0 37.4



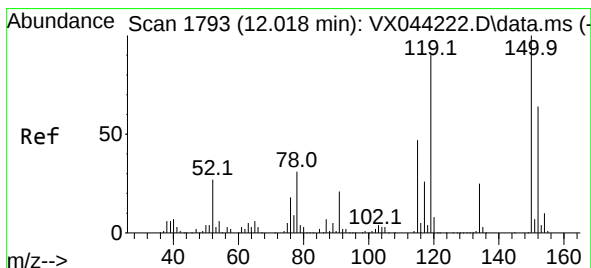
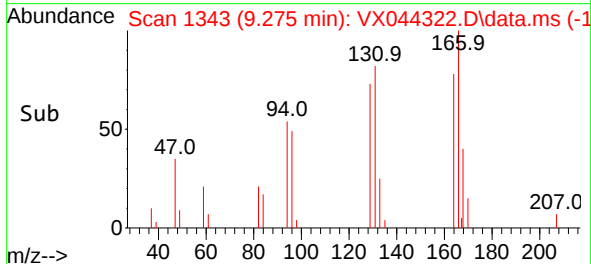
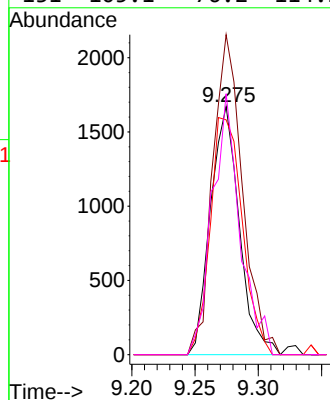
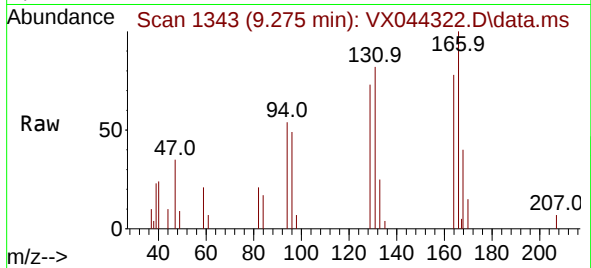


#64
Tetrachloroethene
Concen: 2.169 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX044322.D
Acq: 16 Dec 2024 14:34

Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20241210DL

Tgt Ion:164 Resp: 2651

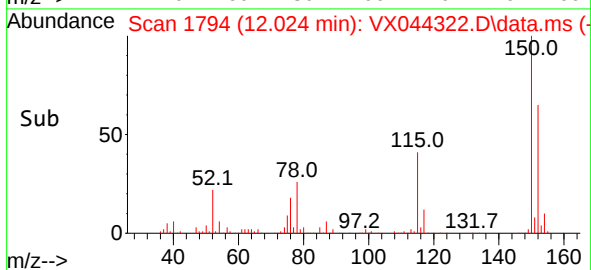
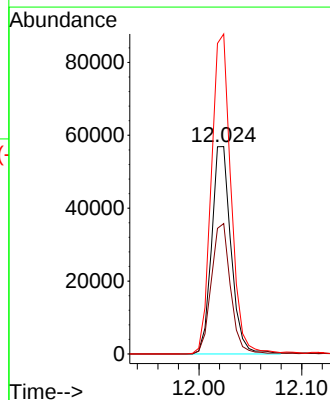
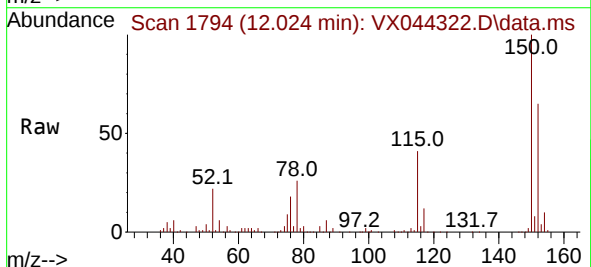
Ion	Ratio	Lower	Upper
164	100		
166	129.0	100.4	150.6
129	94.7	77.2	115.8
131	105.1	76.2	114.2

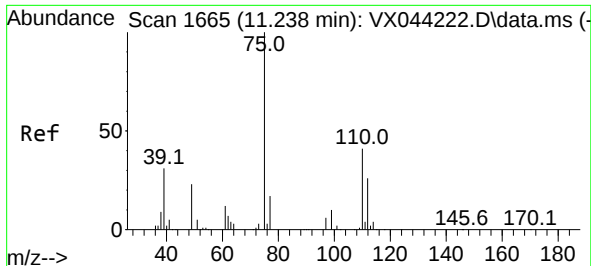


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX044322.D
Acq: 16 Dec 2024 14:34

Tgt Ion:152 Resp: 74369

Ion	Ratio	Lower	Upper
152	100		
115	62.2	44.5	133.3
150	156.8	0.0	353.8

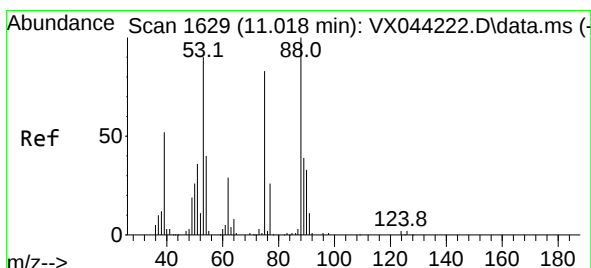
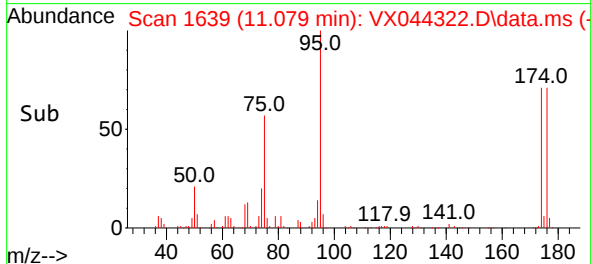
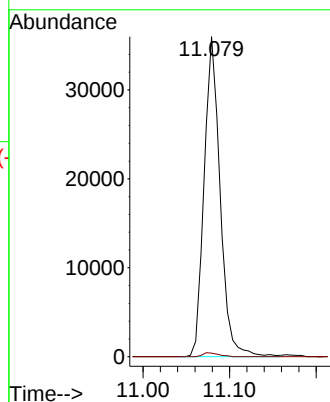
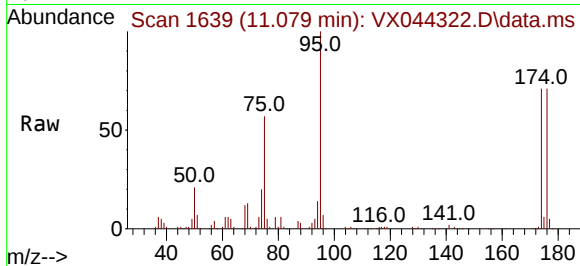




#76
1,2,3-Trichloropropane
Concen: 27.905 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX044322.D
Acq: 16 Dec 2024 14:34

Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20241210DL

Tgt Ion: 75 Resp: 46336
Ion Ratio Lower Upper
75 100
77 1.2 20.9 62.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.619 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044322.D
Acq: 16 Dec 2024 14:34

Tgt Ion: 75 Resp: 46336
Ion Ratio Lower Upper
75 100
53 0.0 93.6 140.4#
89 0.1 37.3 55.9#

