

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112122\
 Data File : VX032950.D
 Acq On : 21 Nov 2022 14:23
 Operator : JC/MD
 Sample : N5672-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D1-20221116

Quant Time: Nov 22 05:11:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

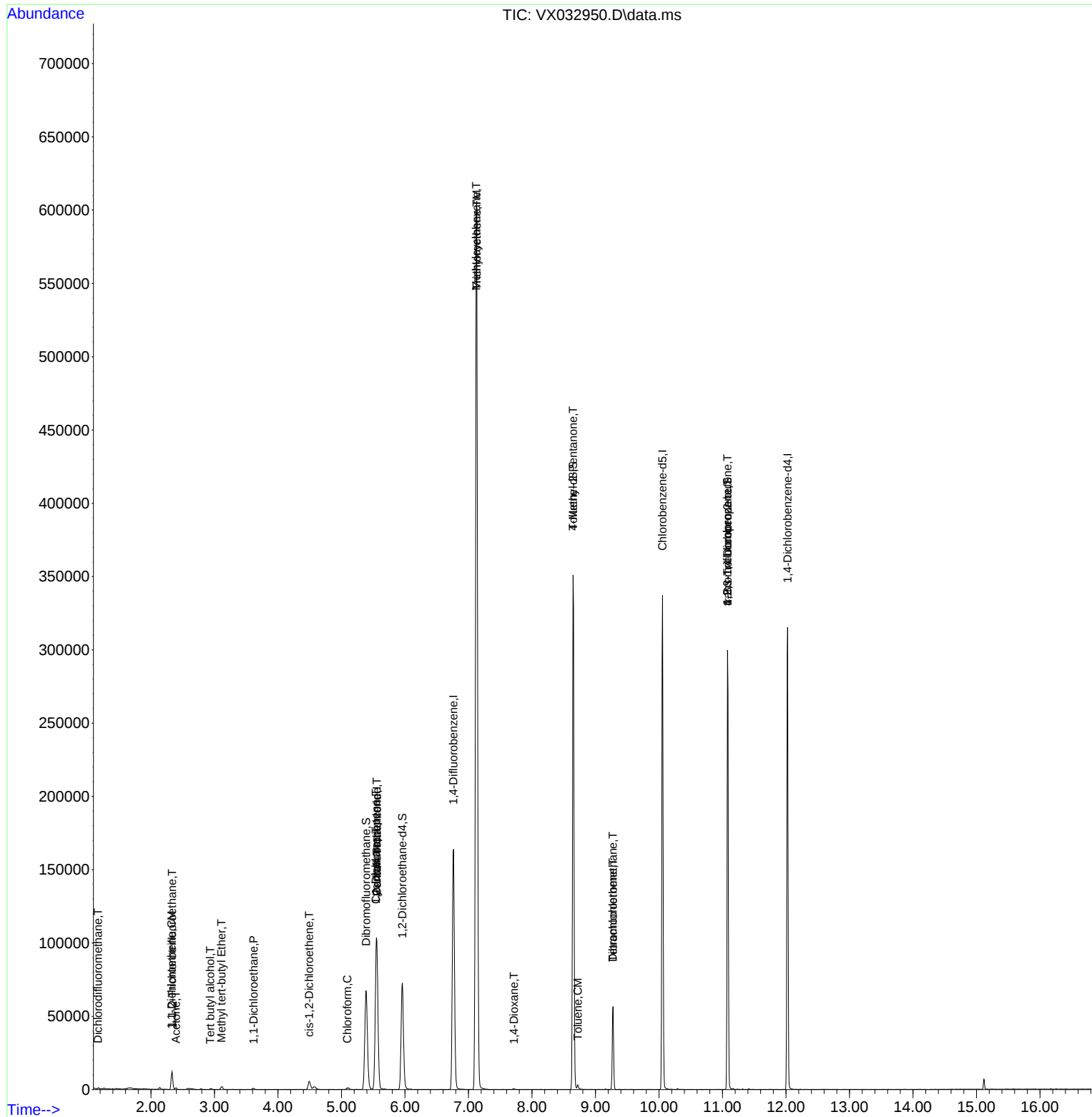
Internal Standards						
1) Pentafluorobenzene	5.556	168	100132	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	166021	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	148681	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64960	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	72516	52.121	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.240%			
35) Dibromofluoromethane	5.385	113	58211	49.155	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.300%			
50) Toluene-d8	8.647	98	207909	50.489	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.980%			
62) 4-Bromofluorobenzene	11.079	95	76427	47.513	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.020%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	287	0.249	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	4042	3.760	ug/l	97
11) Tert butyl alcohol	2.934	59	441	2.178	ug/l #	72
12) 1,1-Dichloroethene	2.325	96	760	0.757	ug/l #	79
16) Acetone	2.392	43	728	1.440	ug/l	92
19) Methyl tert-butyl Ether	3.111	73	2164	0.613	ug/l	97
24) 1,1-Dichloroethane	3.617	63	1234	0.620	ug/l #	82
27) cis-1,2-Dichloroethene	4.489	96	3594	2.845	ug/l	94
30) Chloroform	5.093	83	1430	0.654	ug/l	92
31) Cyclohexane	5.544	56	2098	1.244	ug/l #	31
36) 1,1-Dichloropropene	5.544	75	7841	4.755	ug/l #	50
38) Carbon Tetrachloride	5.556	117	9837	5.378	ug/l #	15
39) Methylcyclohexane	7.123	83	2810	1.440	ug/l #	1
44) Trichloroethene	7.129	130	233774	177.948	ug/l	99
49) 1,4-Dioxane	7.714	88	660	25.442	ug/l #	64
51) 4-Methyl-2-Pentanone	8.647	43	881	0.531	ug/l #	1
52) Toluene	8.720	92	1045	0.343	ug/l	83
60) Dibromochloromethane	9.275	129	9979	7.125	ug/l #	11
64) Tetrachloroethene	9.275	164	9986	9.176	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	41918	29.005	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	41918	92.294	ug/l #	6

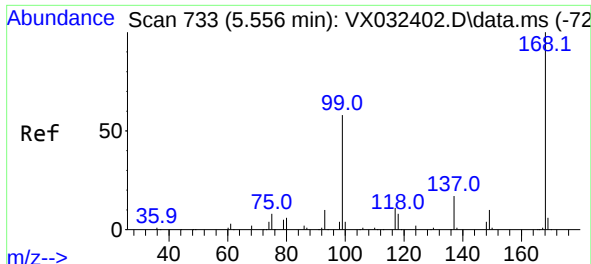
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112122\
Data File : VX032950.D
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ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20221116

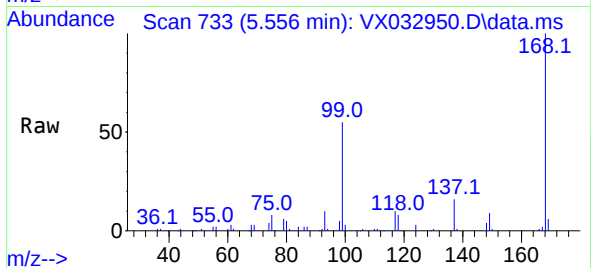
Quant Time: Nov 22 05:11:46 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
Response via : Initial Calibration



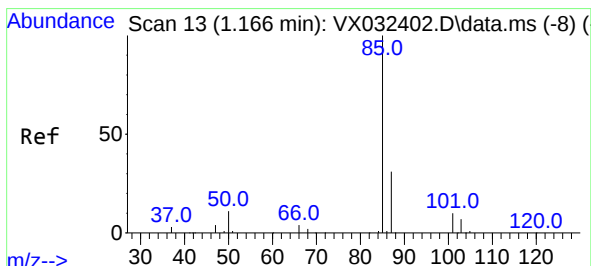
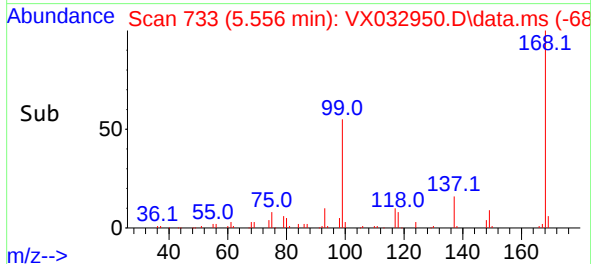
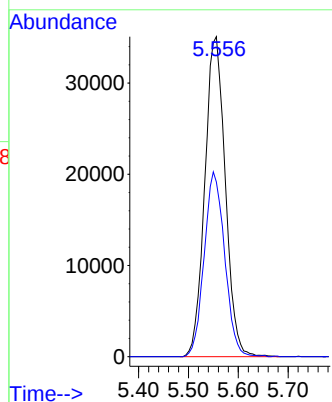


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032950.D
Acq: 21 Nov 2022 14:23

Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20221116

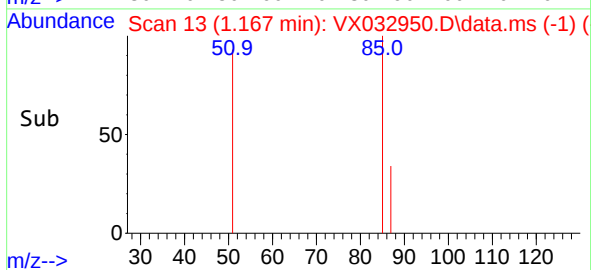
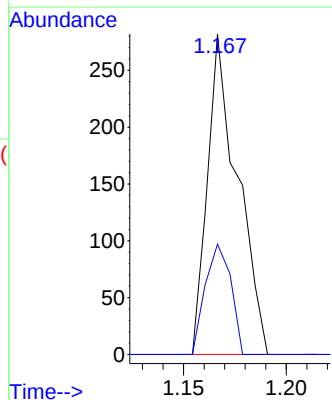
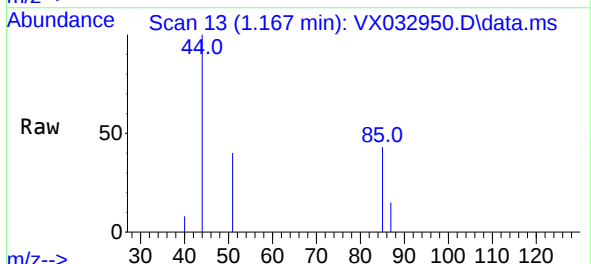


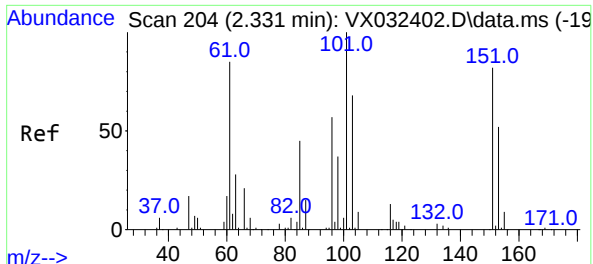
Tgt Ion:168 Resp: 100132
Ion Ratio Lower Upper
168 100
99 54.6 46.1 69.1



#2
Dichlorodifluoromethane
Concen: 0.249 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX032950.D
Acq: 21 Nov 2022 14:23

Tgt Ion: 85 Resp: 287
Ion Ratio Lower Upper
85 100
87 34.4 15.6 46.7

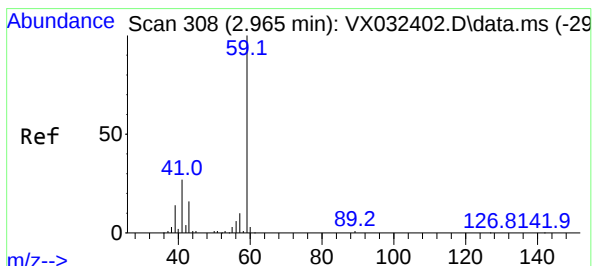
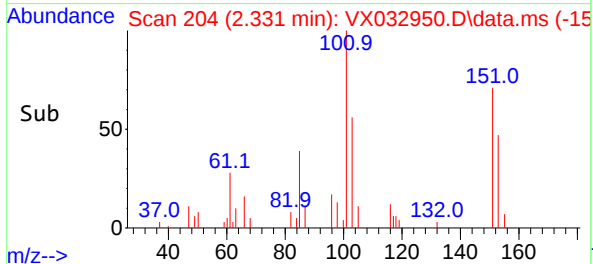
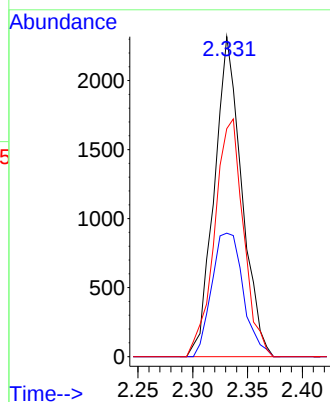
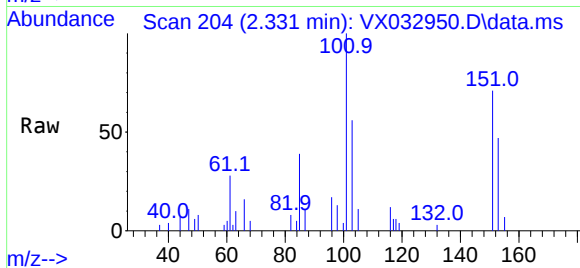




#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.760 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX032950.D
Acq: 21 Nov 2022 14:23

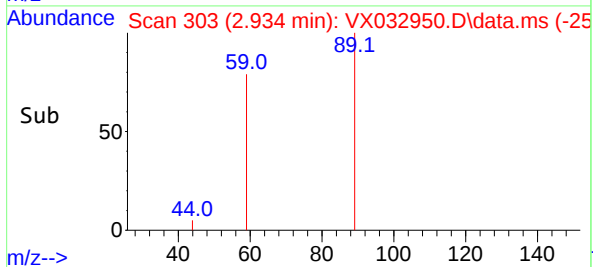
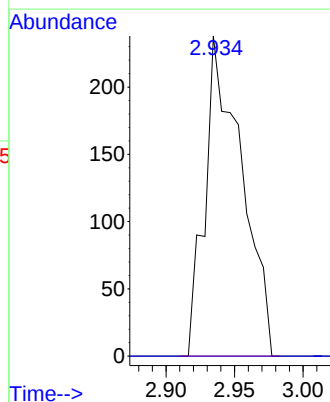
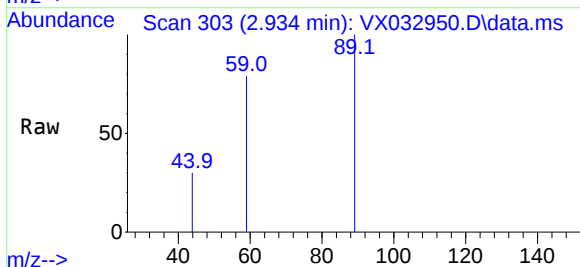
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20221116

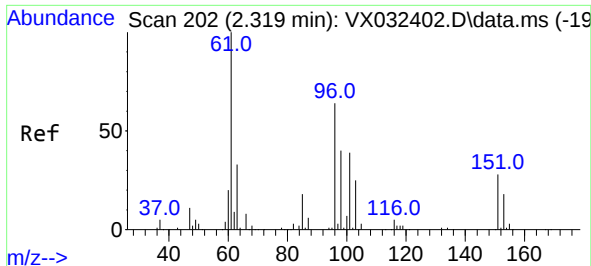
Tgt Ion:101 Resp: 4042
Ion Ratio Lower Upper
101 100
85 44.2 37.0 55.4
151 78.2 64.4 96.6



#11
Tert butyl alcohol
Concen: 2.178 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.030 min
Lab File: VX032950.D
Acq: 21 Nov 2022 14:23

Tgt Ion: 59 Resp: 441
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

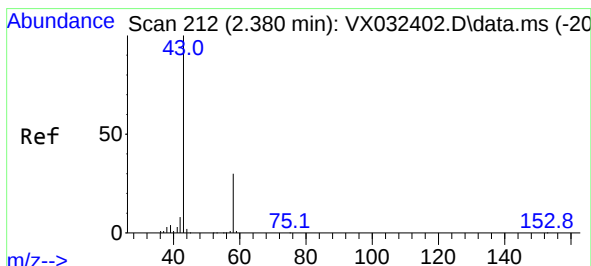
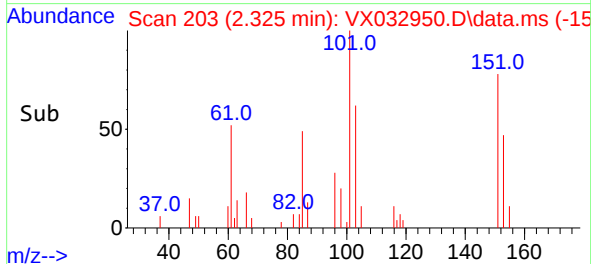
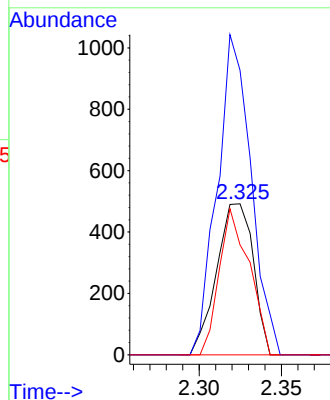
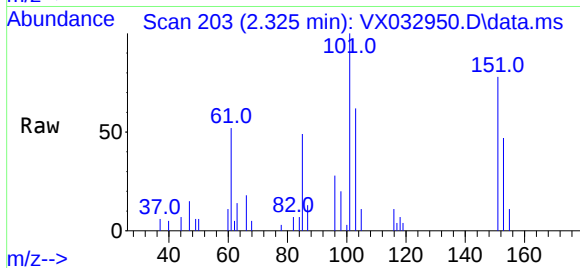




#12
1,1-Dichloroethene
Concen: 0.757 ug/l
RT: 2.325 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX032950.D
Acq: 21 Nov 2022 14:23

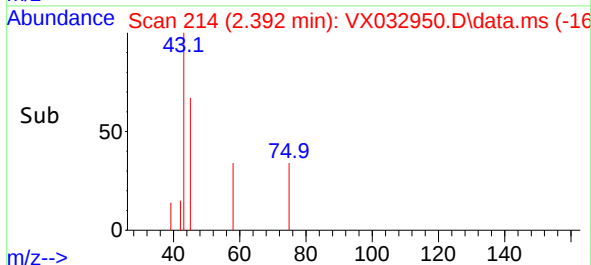
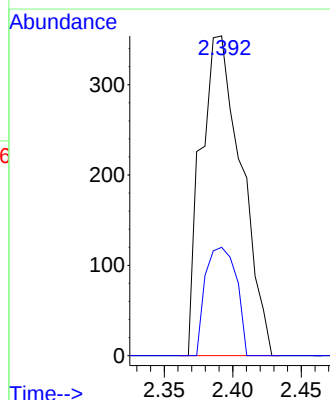
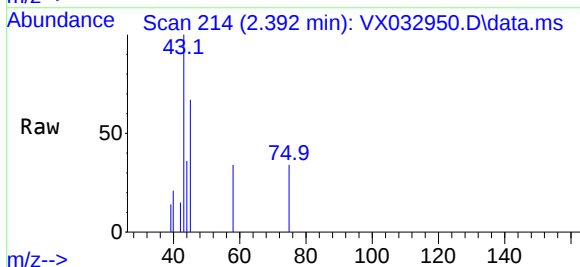
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20221116

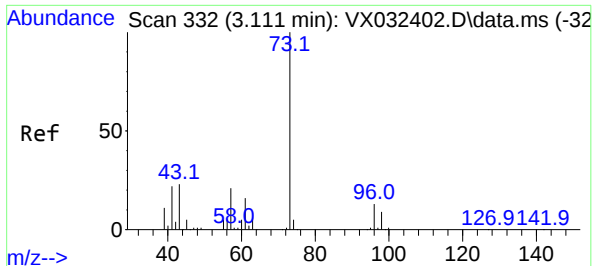
Tgt Ion: 96 Resp: 760
Ion Ratio Lower Upper
96 100
61 188.4 125.1 187.7#
98 72.8 50.6 76.0



#16
Acetone
Concen: 1.440 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX032950.D
Acq: 21 Nov 2022 14:23

Tgt Ion: 43 Resp: 728
Ion Ratio Lower Upper
43 100
58 33.9 23.8 35.8

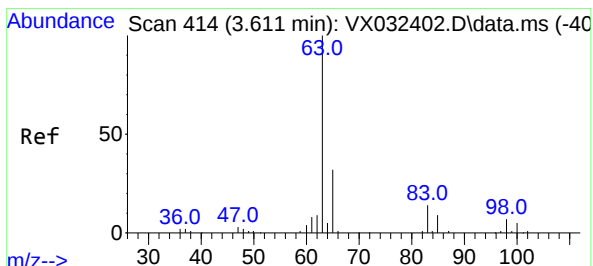
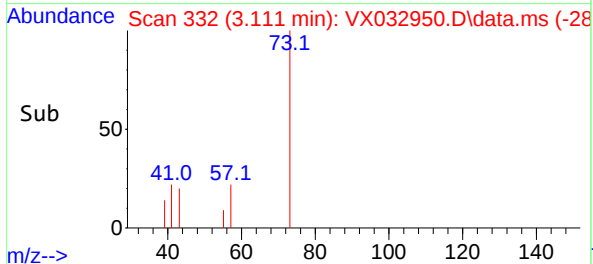
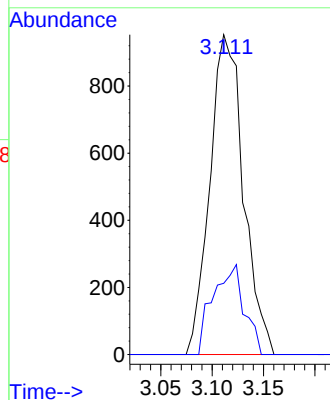
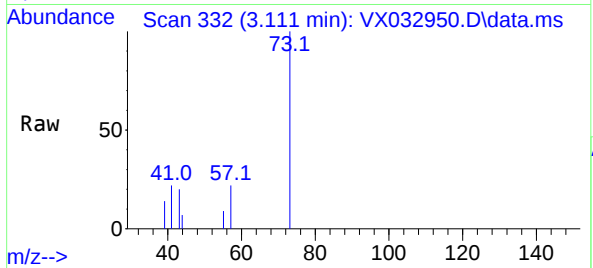




#19
Methyl tert-butyl Ether
Concen: 0.613 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX032950.D
Acq: 21 Nov 2022 14:23

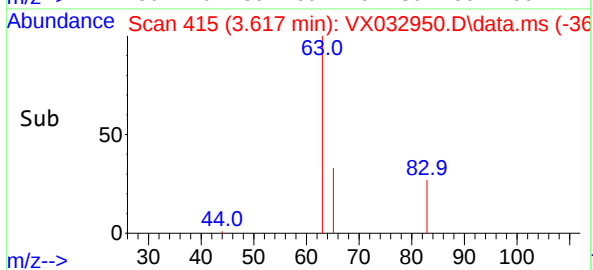
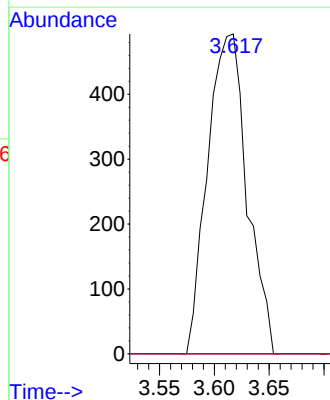
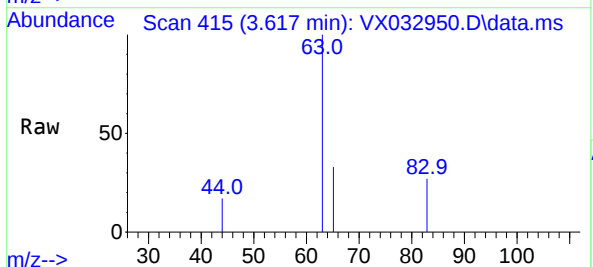
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20221116

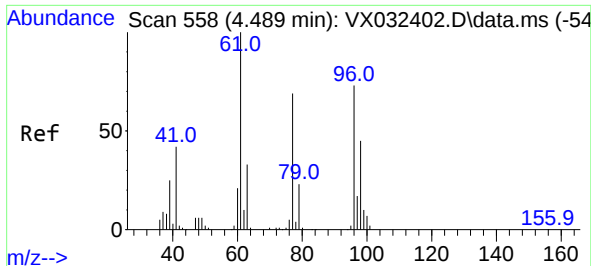
Tgt Ion: 73 Resp: 2164
Ion Ratio Lower Upper
73 100
57 22.2 16.6 25.0



#24
1,1-Dichloroethane
Concen: 0.620 ug/l
RT: 3.617 min Scan# 415
Delta R.T. 0.006 min
Lab File: VX032950.D
Acq: 21 Nov 2022 14:23

Tgt Ion: 63 Resp: 1234
Ion Ratio Lower Upper
63 100
98 0.0 3.5 10.4#
100 0.0 2.3 6.8#





#27

cis-1,2-Dichloroethene

Concen: 2.845 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX032950.D

Acq: 21 Nov 2022 14:23

Instrument :

MSVOA_X

ClientSampleId :

RE125D1-20221116

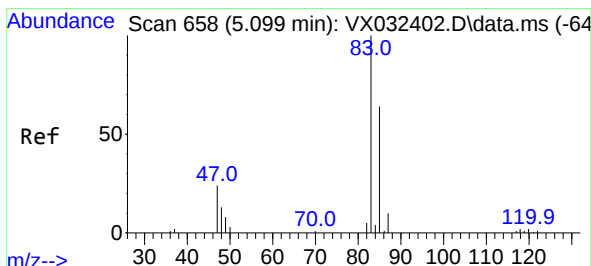
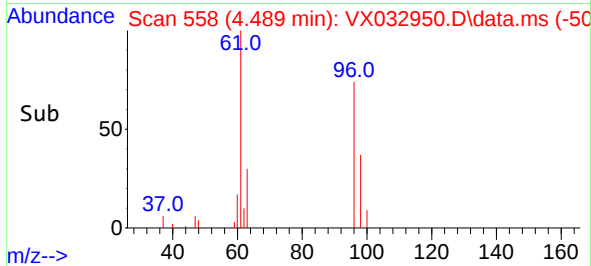
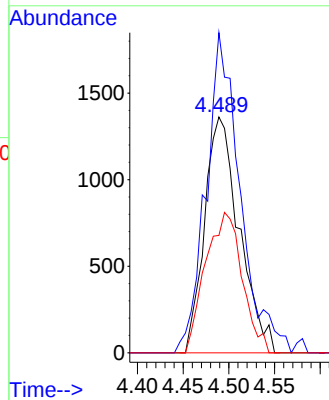
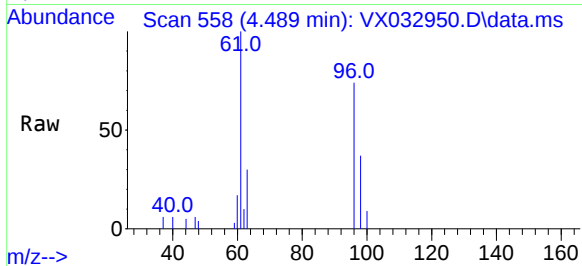
Tgt Ion: 96 Resp: 3594

Ion Ratio Lower Upper

96 100

61 133.2 0.0 286.0

98 62.9 0.0 129.6



#30

Chloroform

Concen: 0.654 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.006 min

Lab File: VX032950.D

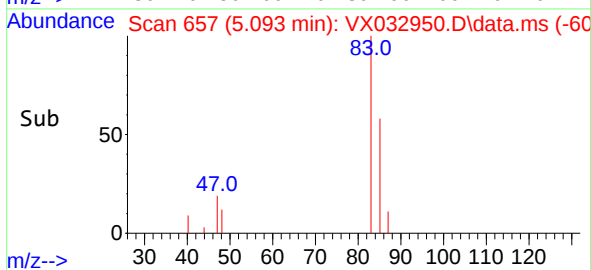
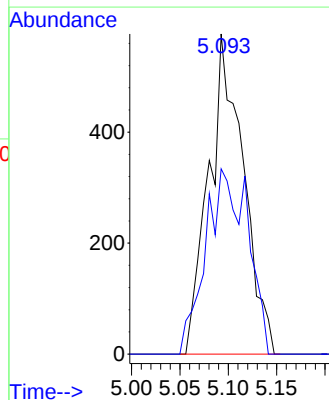
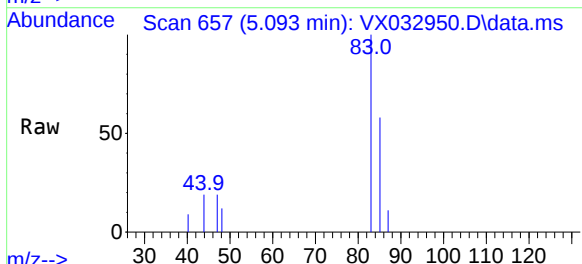
Acq: 21 Nov 2022 14:23

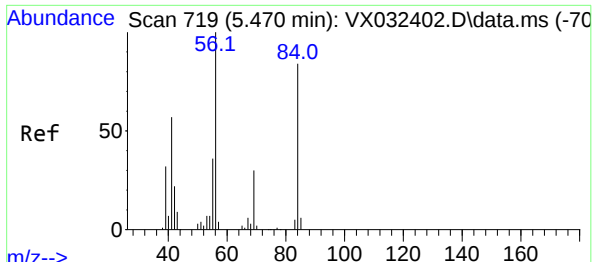
Tgt Ion: 83 Resp: 1430

Ion Ratio Lower Upper

83 100

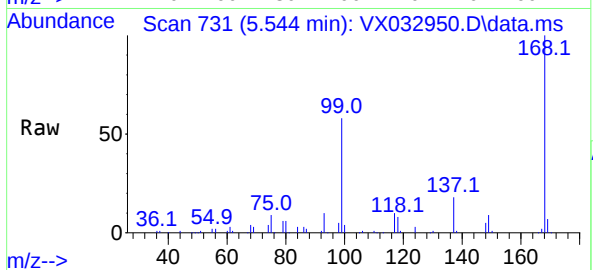
85 57.9 51.1 76.7



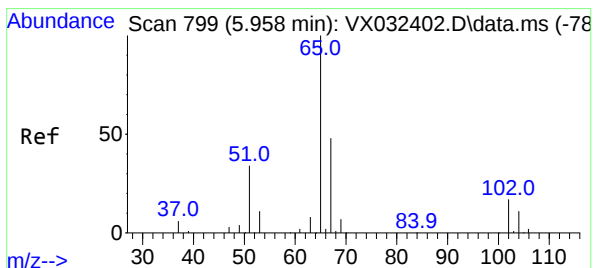
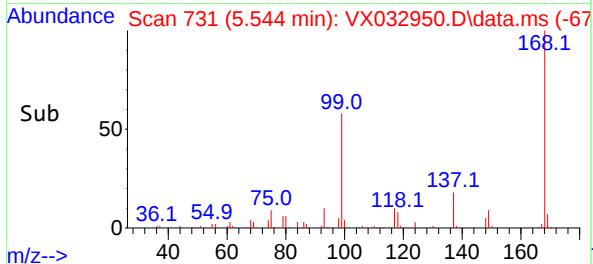
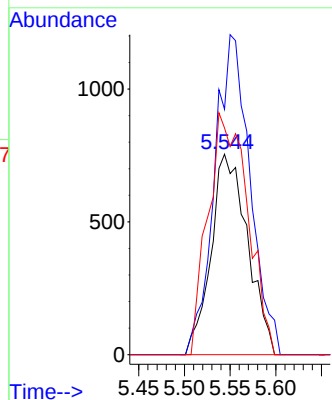


#31
Cyclohexane
Concen: 1.244 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX032950.D
Acq: 21 Nov 2022 14:23

Instrument :
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ClientSampleId :
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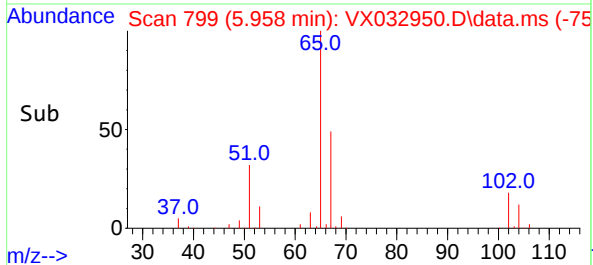
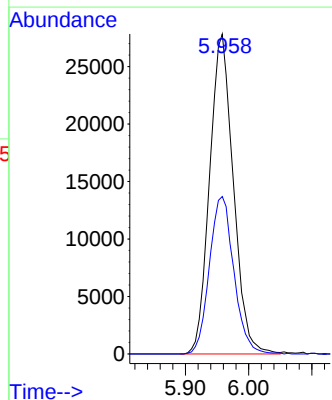
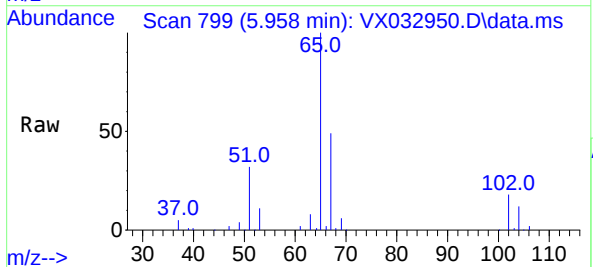


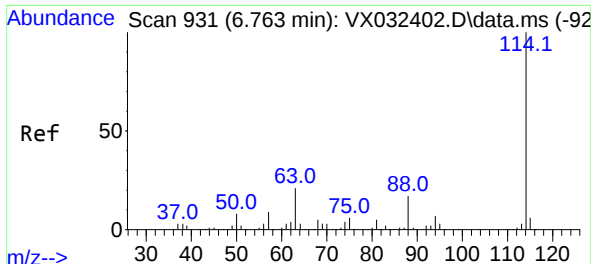
Tgt Ion: 56 Resp: 2098
Ion Ratio Lower Upper
56 100
69 122.4 24.1 36.1#
84 113.1 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 52.121 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032950.D
Acq: 21 Nov 2022 14:23

Tgt Ion: 65 Resp: 72516
Ion Ratio Lower Upper
65 100
67 50.7 0.0 101.8

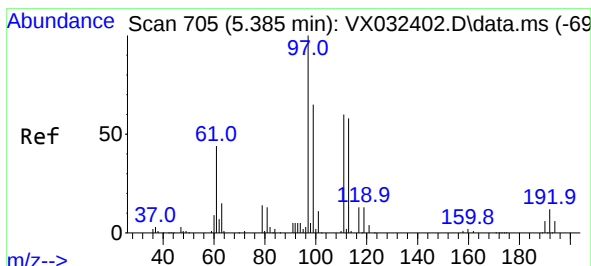
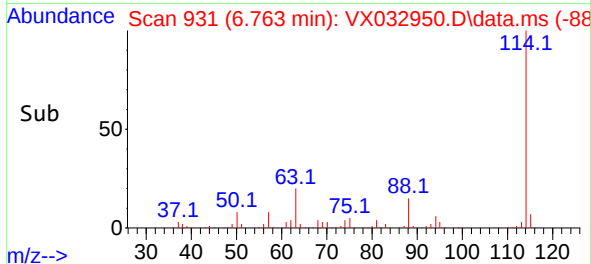
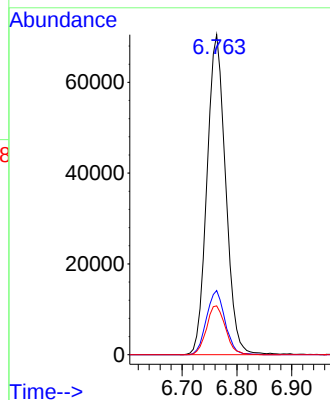
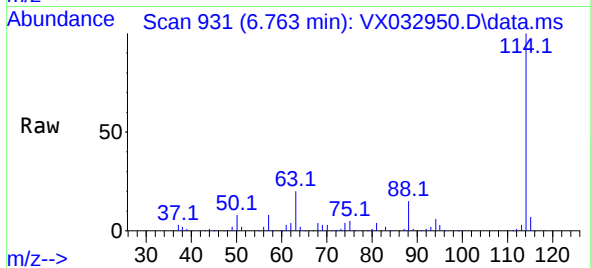




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX032950.D
Acq: 21 Nov 2022 14:23

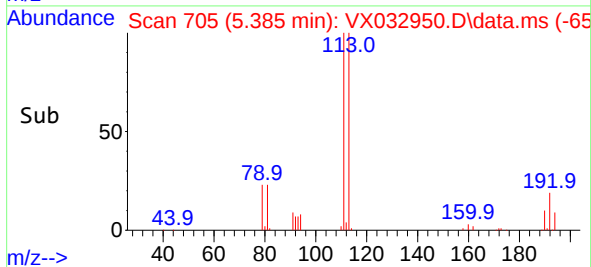
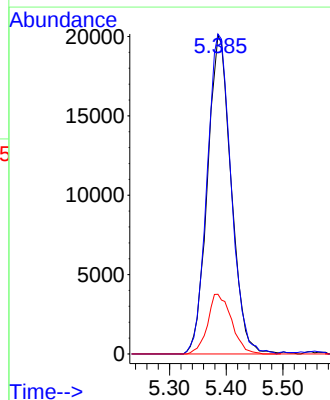
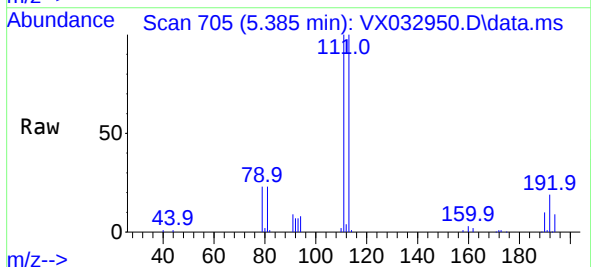
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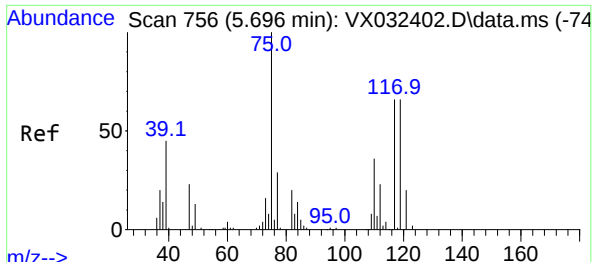
Tgt Ion:114 Resp: 166021
Ion Ratio Lower Upper
114 100
63 20.0 0.0 41.6
88 15.3 0.0 33.4



#35
Dibromofluoromethane
Concen: 49.155 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032950.D
Acq: 21 Nov 2022 14:23

Tgt Ion:113 Resp: 58211
Ion Ratio Lower Upper
113 100
111 101.9 82.4 123.6
192 18.9 15.4 23.2

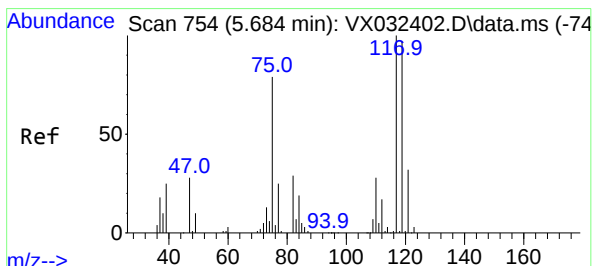
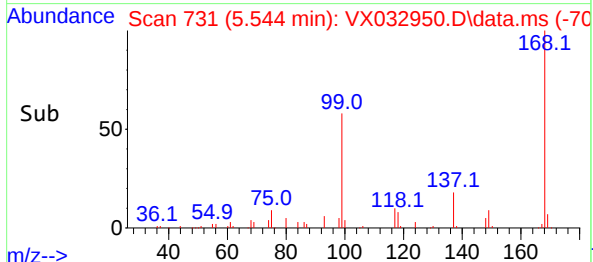
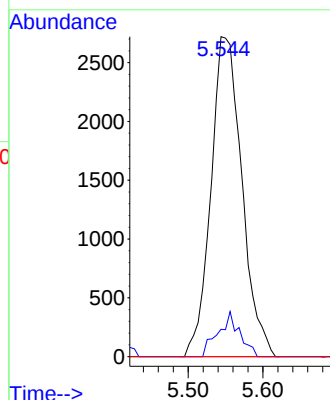
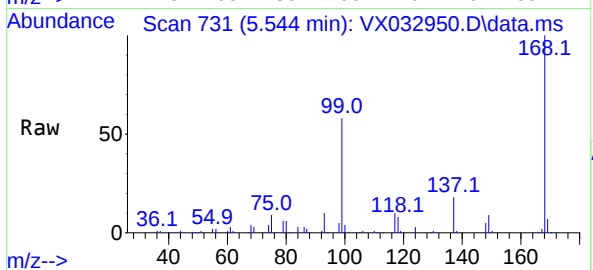




#36
1,1-Dichloropropene
Concen: 4.755 ug/l
RT: 5.544 min Scan# 713
Delta R.T. -0.152 min
Lab File: VX032950.D
Acq: 21 Nov 2022 14:23

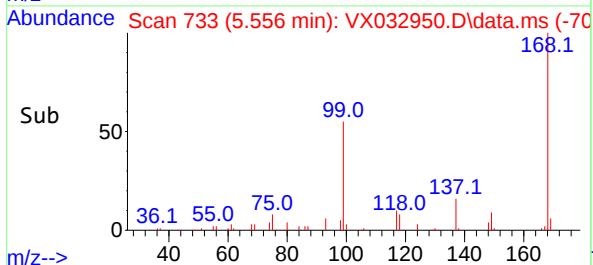
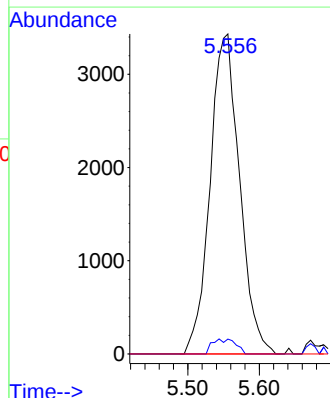
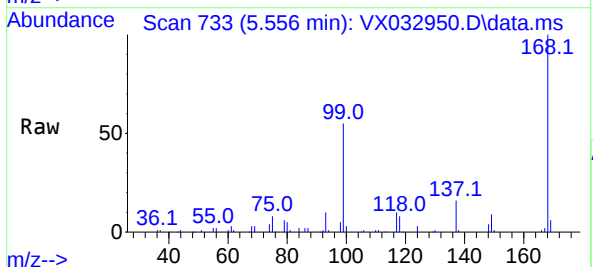
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20221116

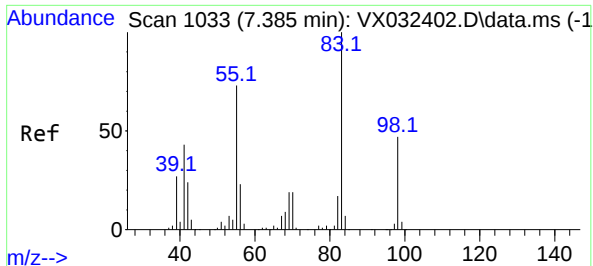
Tgt Ion: 75 Resp: 7841
Ion Ratio Lower Upper
75 100
110 9.7 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 5.378 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX032950.D
Acq: 21 Nov 2022 14:23

Tgt Ion: 117 Resp: 9837
Ion Ratio Lower Upper
117 100
119 4.7 77.2 115.8#
121 0.0 25.8 38.6#

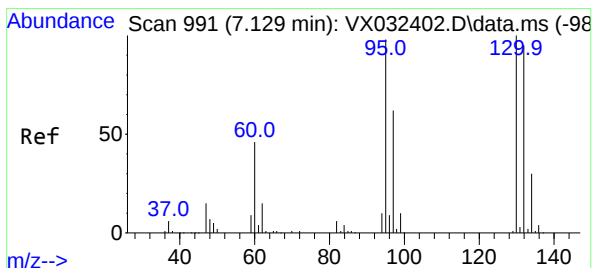
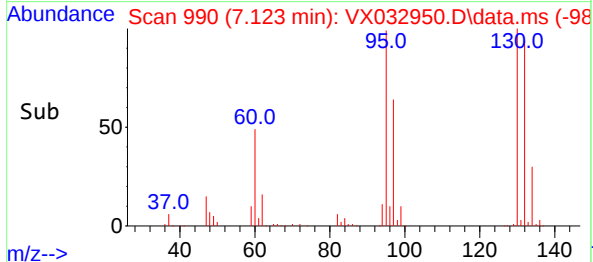
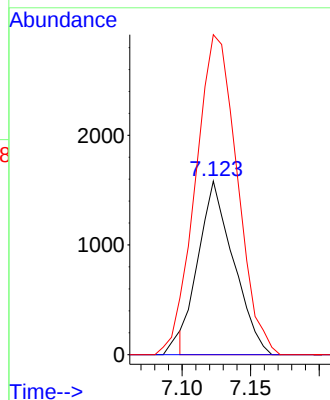
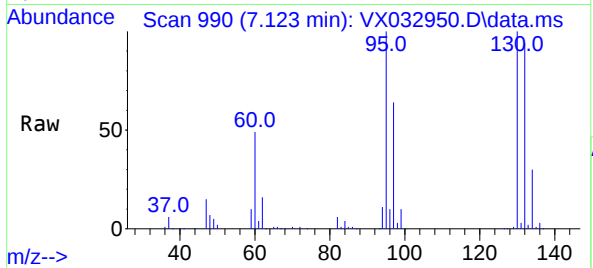




#39
Methylcyclohexane
Concen: 1.440 ug/l
RT: 7.123 min Scan# 991
Delta R.T. -0.262 min
Lab File: VX032950.D
Acq: 21 Nov 2022 14:23

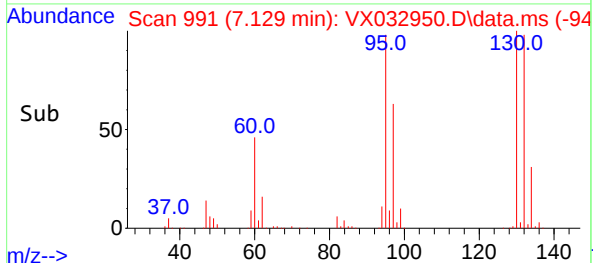
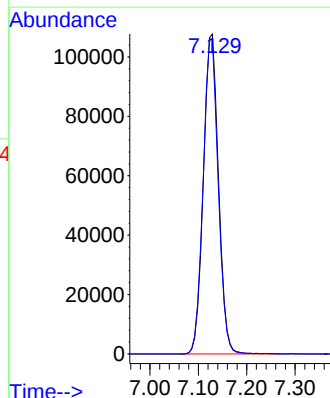
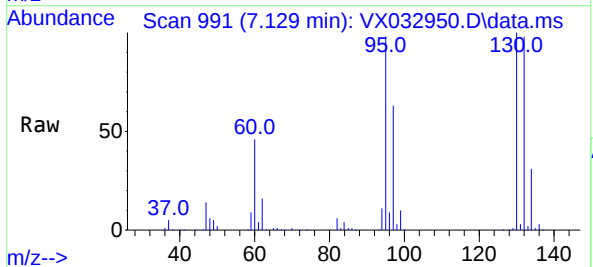
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20221116

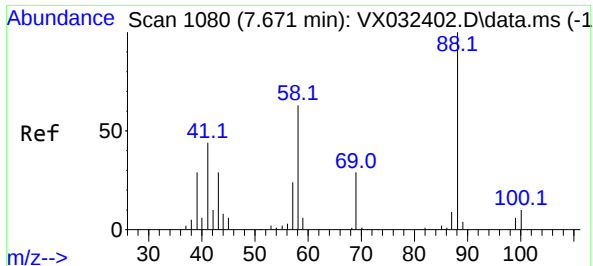
Tgt Ion: 83 Resp: 2810
Ion Ratio Lower Upper
83 100
55 0.0 58.4 87.6#
98 184.3 37.2 55.8#



#44
Trichloroethene
Concen: 177.948 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX032950.D
Acq: 21 Nov 2022 14:23

Tgt Ion:130 Resp: 233774
Ion Ratio Lower Upper
130 100
95 98.5 0.0 195.2





#49

1,4-Dioxane

Concen: 25.442 ug/l

RT: 7.714 min Scan# 1

Delta R.T. 0.043 min

Lab File: VX032950.D

Acq: 21 Nov 2022 14:23

Instrument :

MSVOA_X

ClientSampleId :

RE125D1-20221116

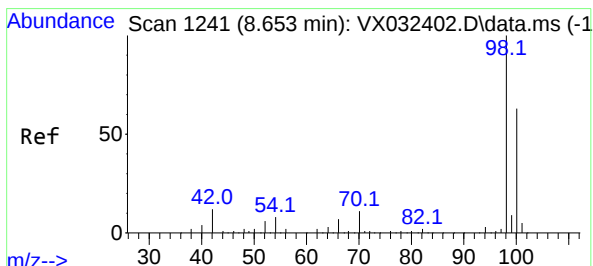
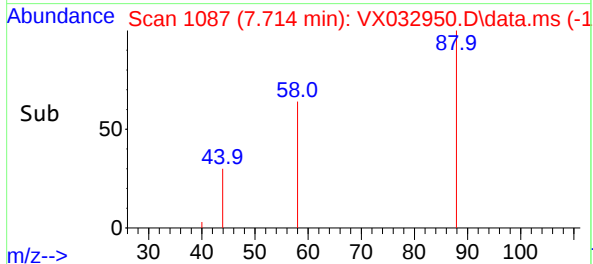
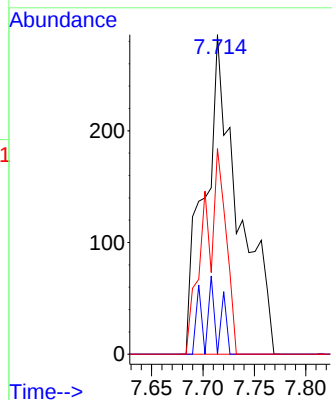
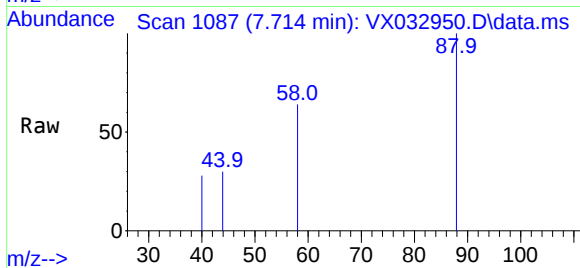
Tgt Ion: 88 Resp: 660

Ion Ratio Lower Upper

88 100

43 7.0 26.6 39.8#

58 40.6 51.7 77.5#



#50

Toluene-d8

Concen: 50.489 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX032950.D

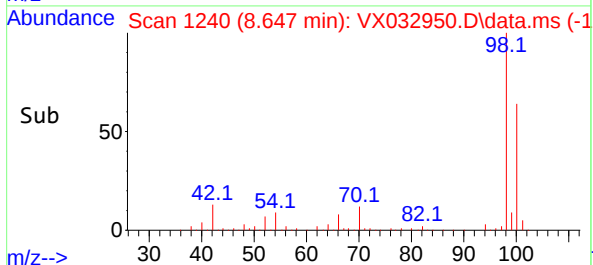
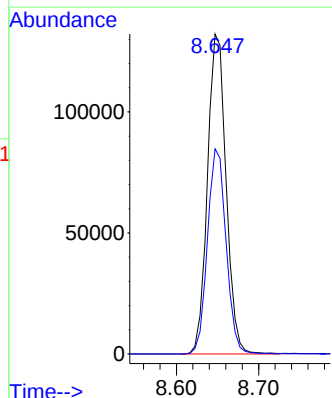
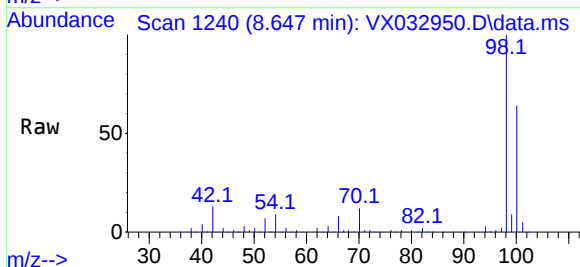
Acq: 21 Nov 2022 14:23

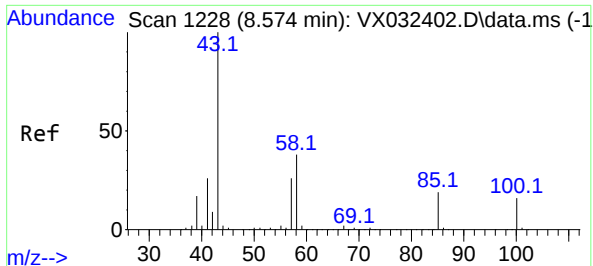
Tgt Ion: 98 Resp: 207909

Ion Ratio Lower Upper

98 100

100 64.2 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 0.531 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX032950.D

Acq: 21 Nov 2022 14:23

Instrument :

MSVOA_X

ClientSampleId :

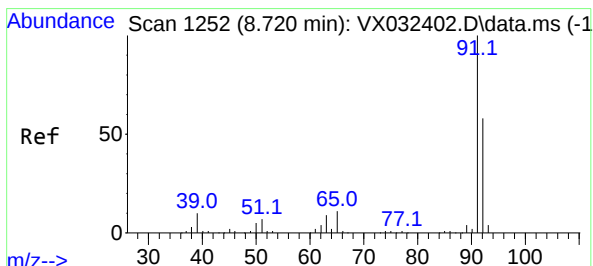
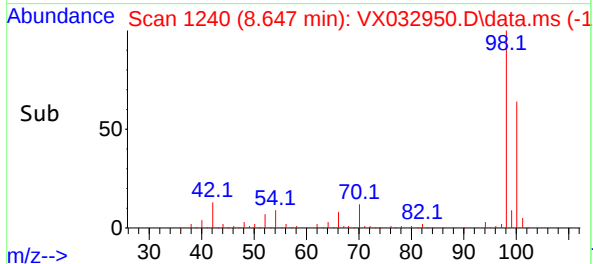
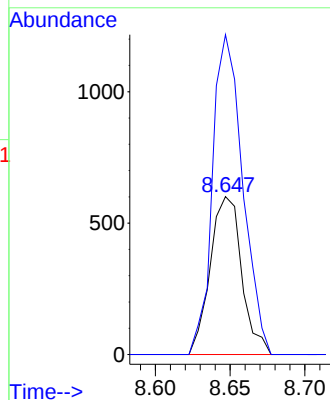
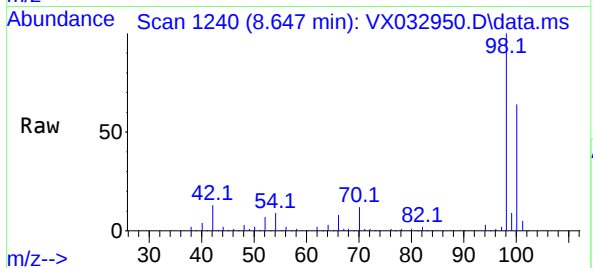
RE125D1-20221116

Tgt Ion: 43 Resp: 881

Ion Ratio Lower Upper

43 100

58 194.2 30.9 46.3#



#52

Toluene

Concen: 0.343 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX032950.D

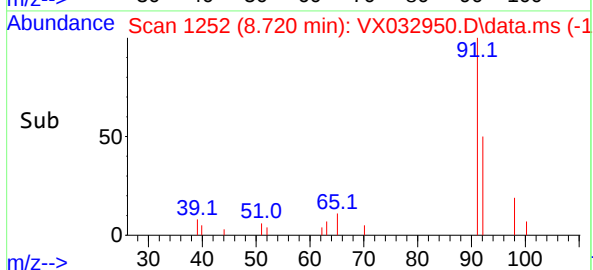
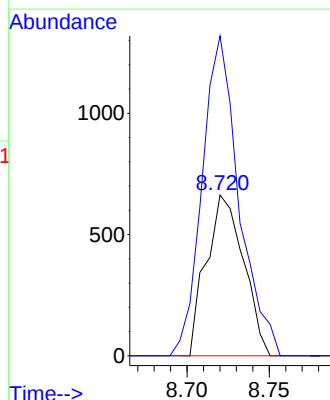
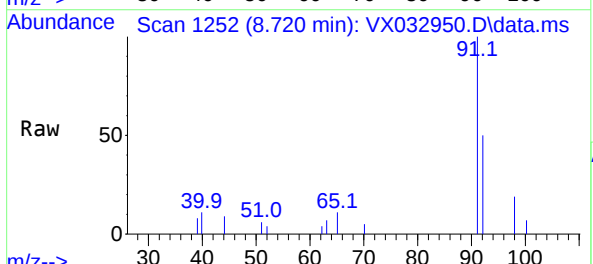
Acq: 21 Nov 2022 14:23

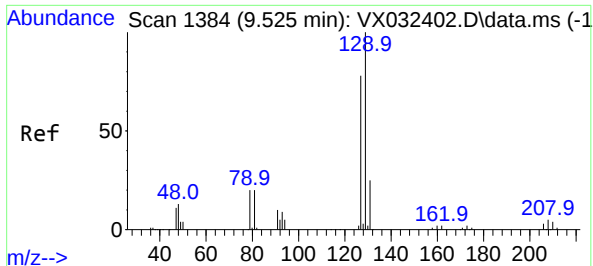
Tgt Ion: 92 Resp: 1045

Ion Ratio Lower Upper

92 100

91 196.3 138.3 207.5

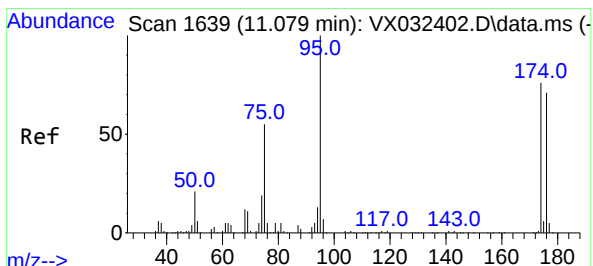
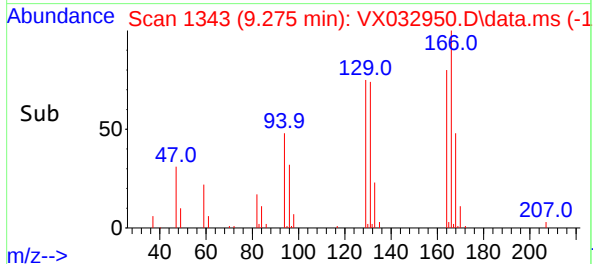
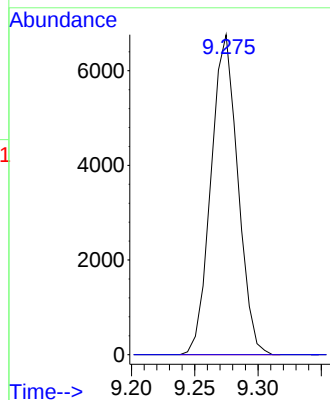
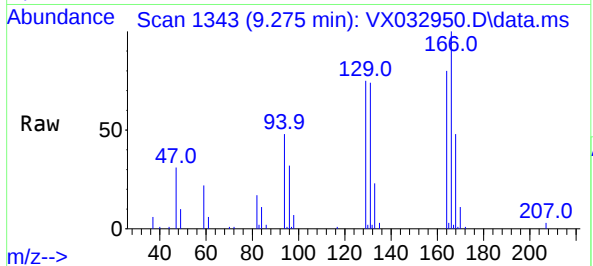




#60
Dibromochloromethane
Concen: 7.125 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX032950.D
Acq: 21 Nov 2022 14:23

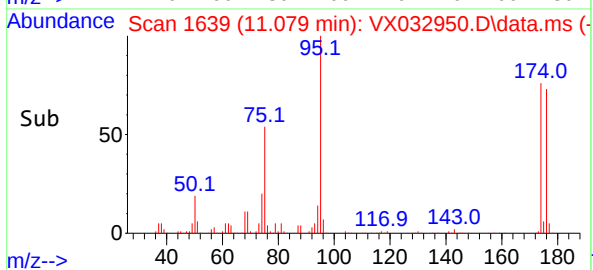
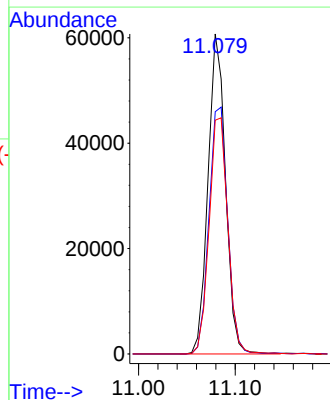
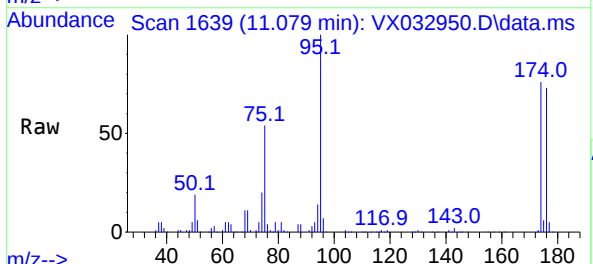
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20221116

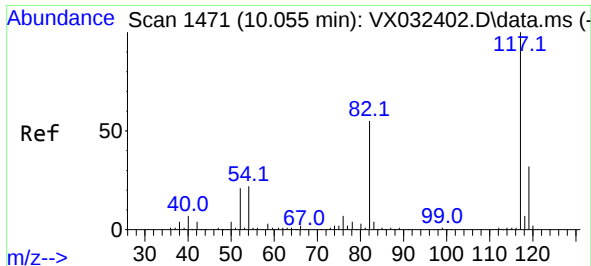
Tgt Ion:129 Resp: 9979
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.8#



#62
4-Bromofluorobenzene
Concen: 47.513 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032950.D
Acq: 21 Nov 2022 14:23

Tgt Ion: 95 Resp: 76427
Ion Ratio Lower Upper
95 100
174 82.3 0.0 164.0
176 79.2 0.0 154.4

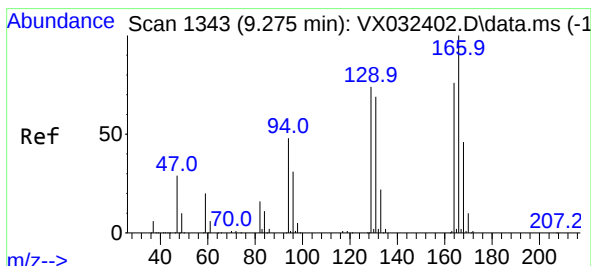
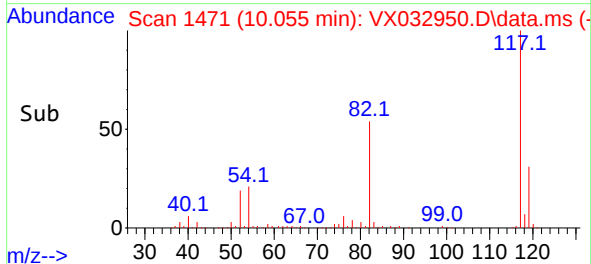
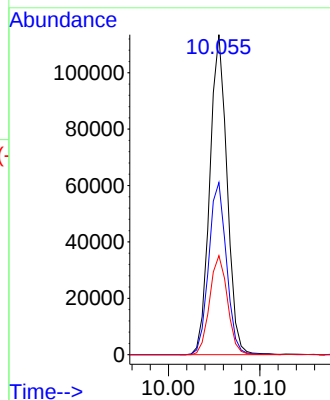
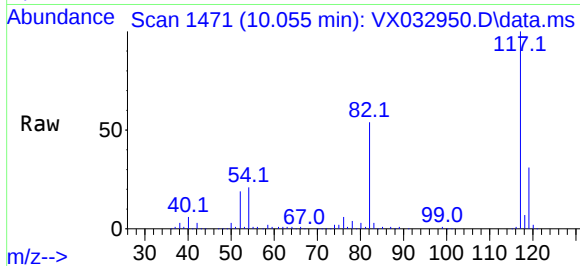




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032950.D
Acq: 21 Nov 2022 14:23

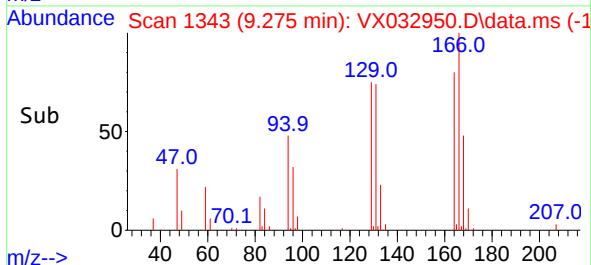
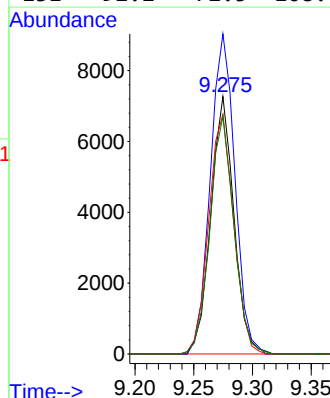
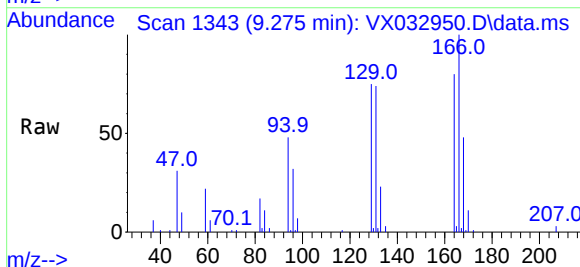
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20221116

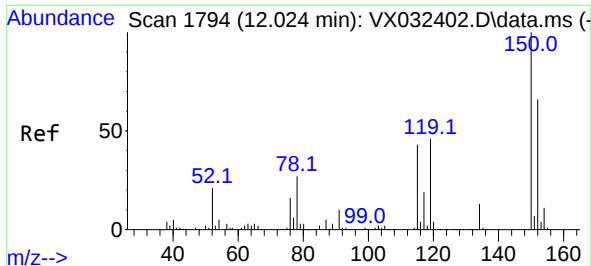
Tgt Ion:117 Resp: 148681
Ion Ratio Lower Upper
117 100
82 53.8 44.3 66.5
119 30.9 25.7 38.5



#64
Tetrachloroethene
Concen: 9.176 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX032950.D
Acq: 21 Nov 2022 14:23

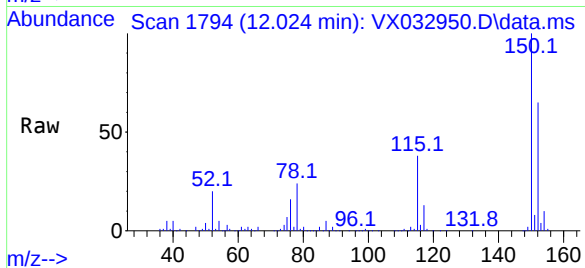
Tgt Ion:164 Resp: 9986
Ion Ratio Lower Upper
164 100
166 124.3 105.4 158.2
129 93.0 78.2 117.2
131 92.2 72.5 108.7



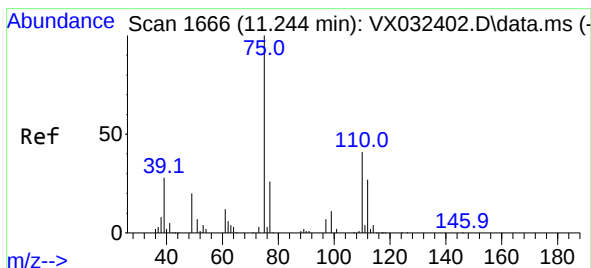
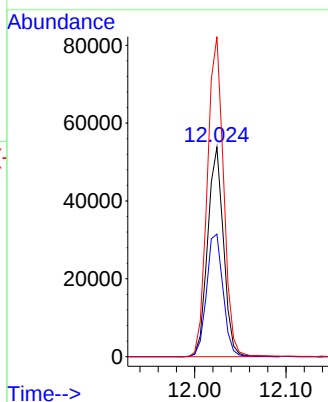
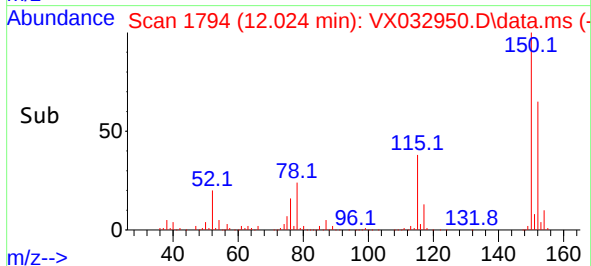


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032950.D
Acq: 21 Nov 2022 14:23

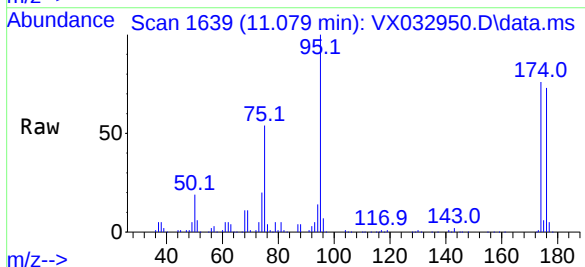
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20221116



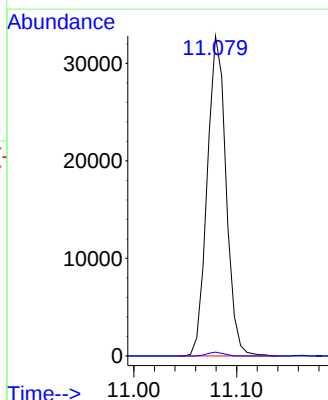
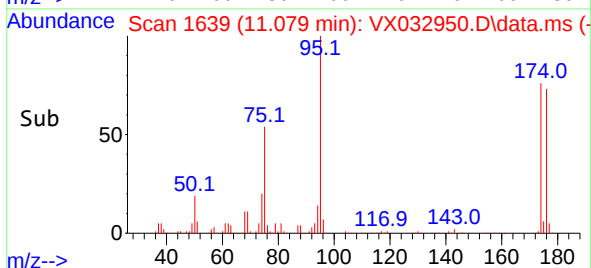
Tgt Ion:152 Resp: 64960
Ion Ratio Lower Upper
152 100
115 61.2 44.0 132.0
150 156.6 0.0 351.8

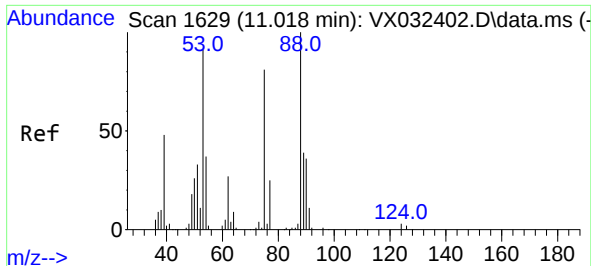


#76
1,2,3-Trichloropropane
Concen: 29.005 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX032950.D
Acq: 21 Nov 2022 14:23



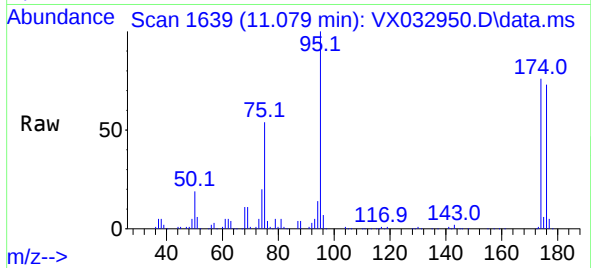
Tgt Ion: 75 Resp: 41918
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 92.294 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX032950.D
Acq: 21 Nov 2022 14:23

Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20221116



Tgt Ion: 75 Resp: 41918
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

