

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031125\
 Data File : VX045225.D
 Acq On : 11 Mar 2025 15:33
 Operator : JC/MD
 Sample : Q1531-07DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D1-20250306DL

Quant Time: Mar 12 01:50:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

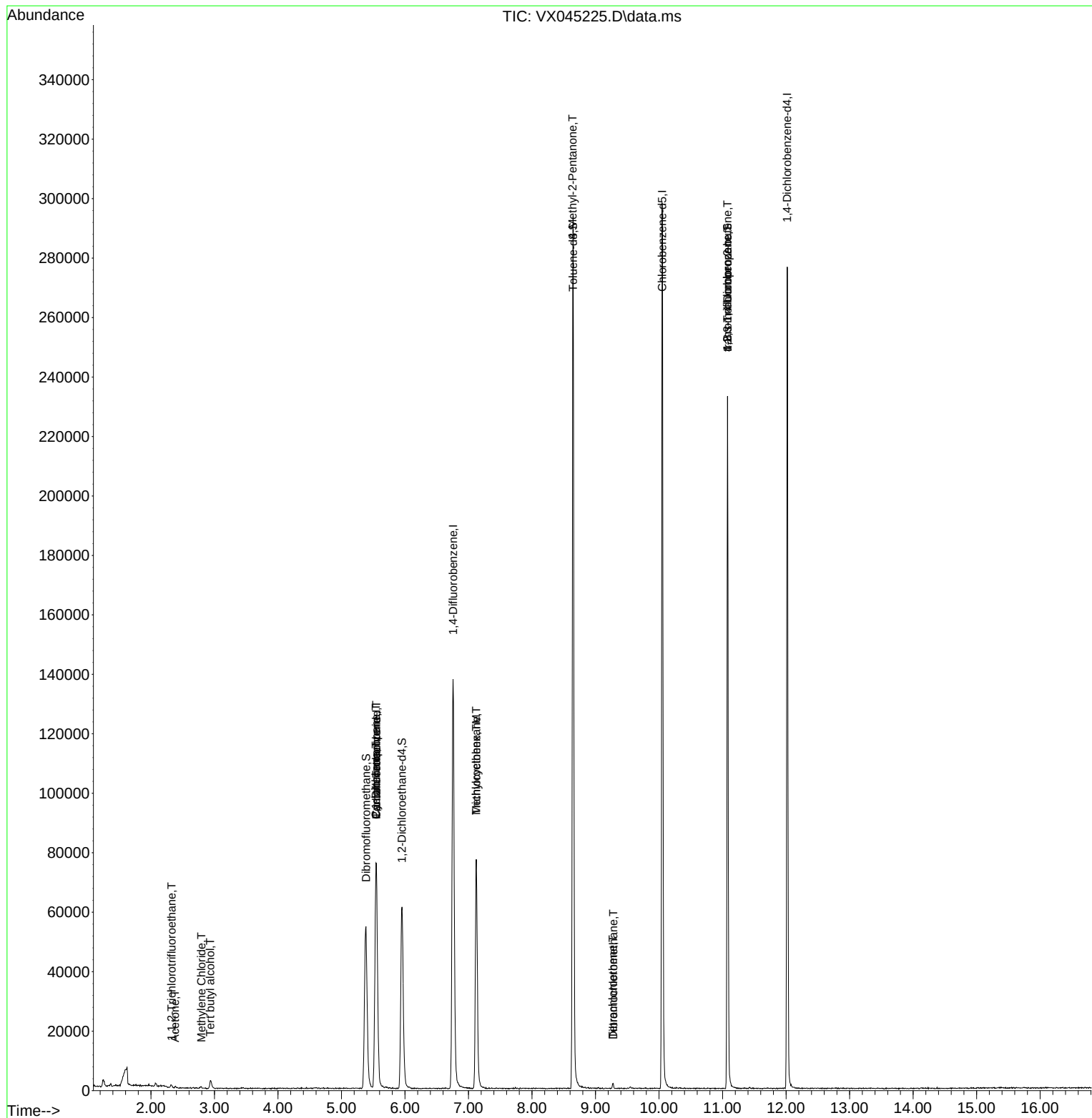
Internal Standards						
1) Pentafluorobenzene	5.550	168	69746	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	139117	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	128566	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	52396	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60833	54.834	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.660%	
35) Dibromofluoromethane	5.385	113	48705	52.358	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.720%	
50) Toluene-d8	8.647	98	174638	51.784	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.560%	
62) 4-Bromofluorobenzene	11.079	95	59424	53.175	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 106.340%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.325	101	467	0.576	ug/l #	86
11) Tert butyl alcohol	2.934	59	1546	7.357	ug/l #	73
16) Acetone	2.380	43	365	0.709	ug/l #	58
20) Methylene Chloride	2.794	84	227	0.223	ug/l #	66
31) Cyclohexane	5.544	56	1964	1.301	ug/l #	42
36) 1,1-Dichloropropene	5.544	75	6091	4.775	ug/l #	51
38) Carbon Tetrachloride	5.550	117	7702	5.947	ug/l #	16
39) Methylcyclohexane	7.123	83	423	0.277	ug/l #	4
44) Trichloroethene	7.123	130	28528	30.159	ug/l	94
51) 4-Methyl-2-Pentanone	8.641	43	899	0.551	ug/l #	1
60) Dibromochloromethane	9.281	129	354	0.348	ug/l #	11
64) Tetrachloroethene	9.275	164	269	0.327	ug/l #	83
76) 1,2,3-Trichloropropane	11.079	75	32290	26.478	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	32290	90.611	ug/l #	6

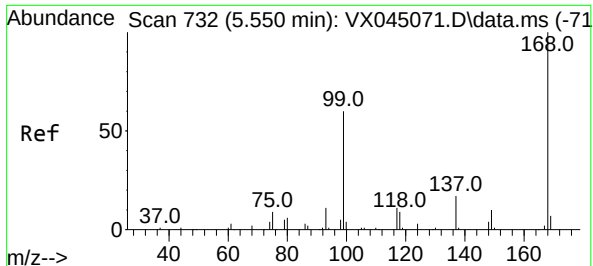
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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RE103D1-20250306DL

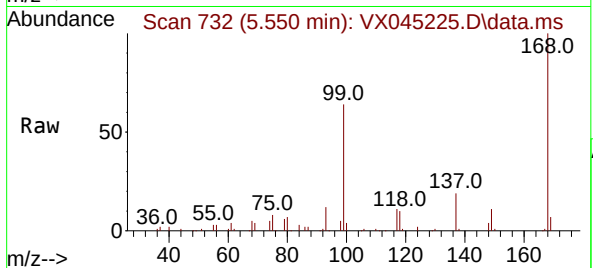
Quant Time: Mar 12 01:50:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
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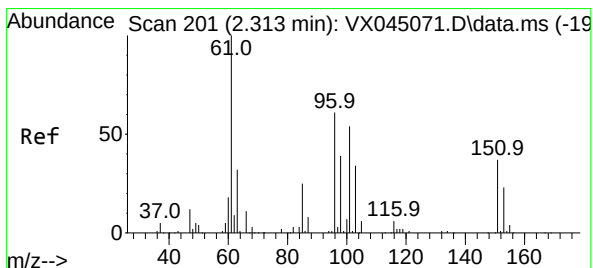
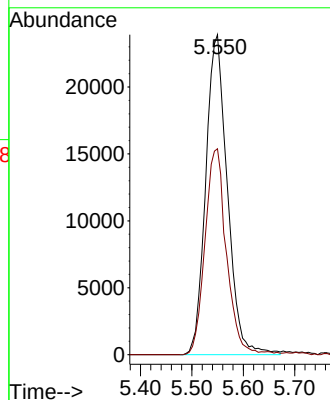
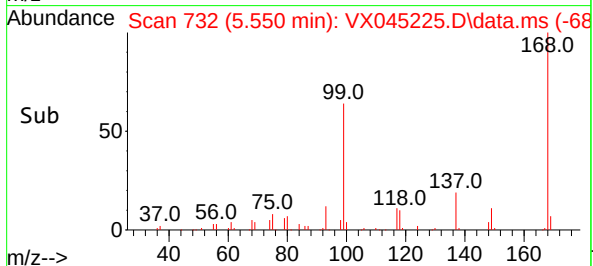


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045225.D
Acq: 11 Mar 2025 15:33

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20250306DL

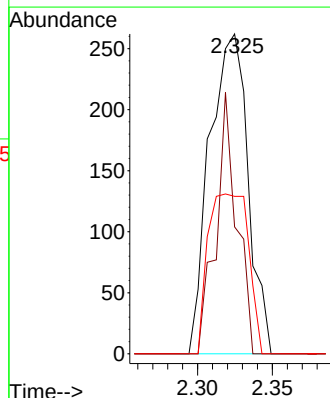
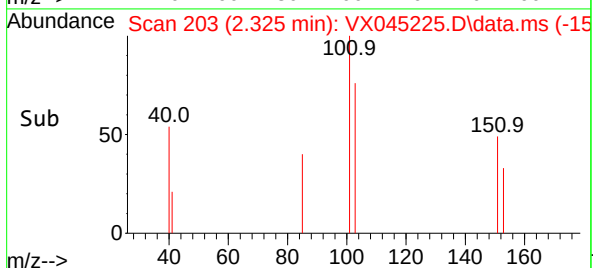
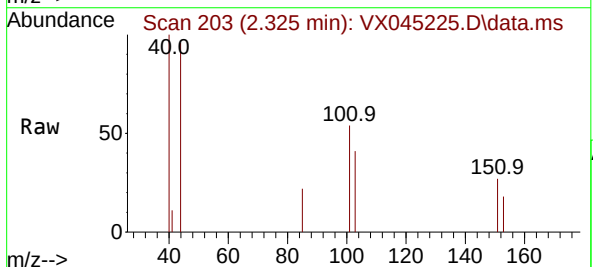


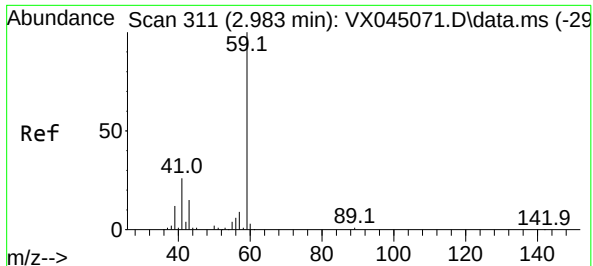
Tgt Ion:168 Resp: 69746
Ion Ratio Lower Upper
168 100
99 64.3 48.2 72.4



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.576 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.012 min
Lab File: VX045225.D
Acq: 11 Mar 2025 15:33

Tgt Ion:101 Resp: 467
Ion Ratio Lower Upper
101 100
85 44.1 36.2 54.4
151 52.5 56.4 84.6#

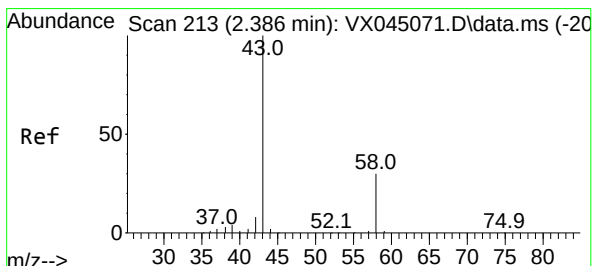
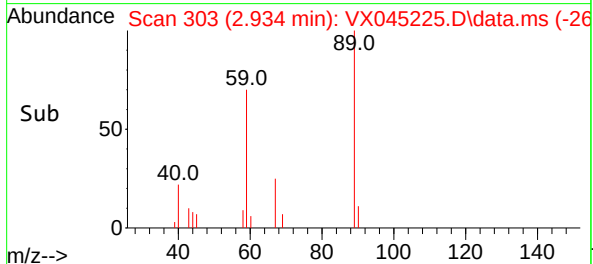
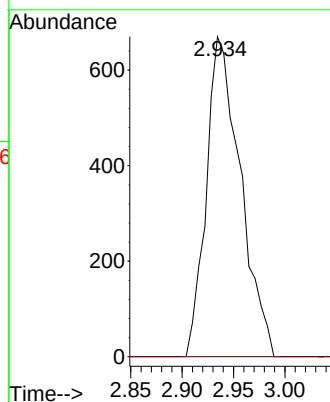
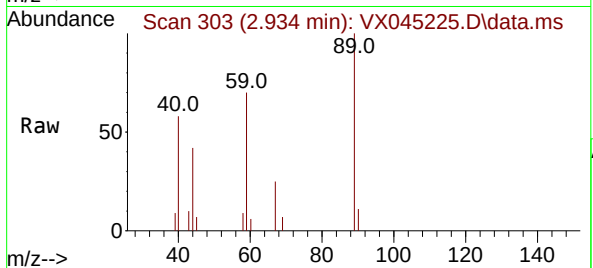




#11
Tert butyl alcohol
Concen: 7.357 ug/l
RT: 2.934 min Scan# 30
Delta R.T. -0.049 min
Lab File: VX045225.D
Acq: 11 Mar 2025 15:33

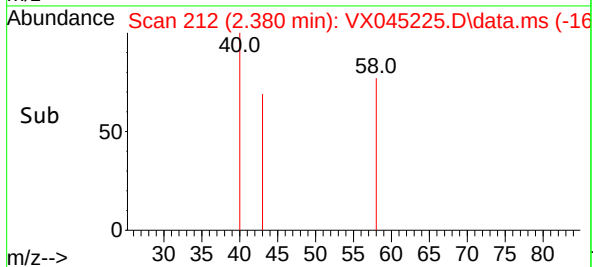
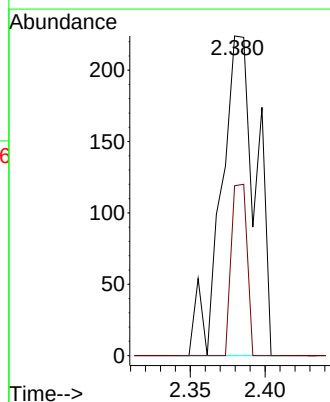
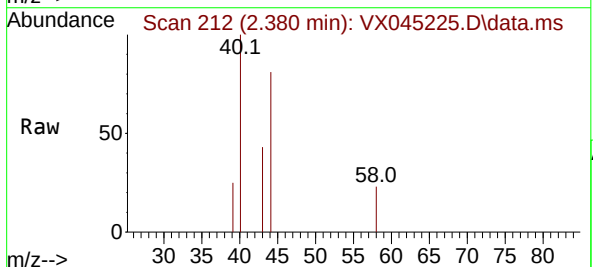
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20250306DL

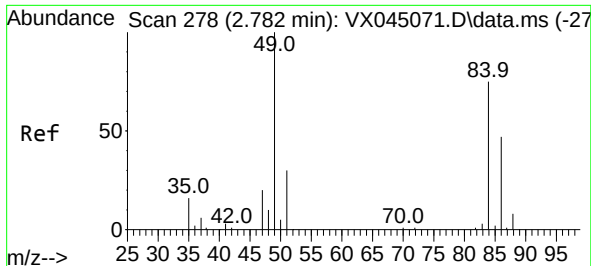
Tgt Ion: 59 Resp: 1546
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 0.709 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045225.D
Acq: 11 Mar 2025 15:33

Tgt Ion: 43 Resp: 365
Ion Ratio Lower Upper
43 100
58 53.1 24.2 36.4#





#20

Methylene Chloride

Concen: 0.223 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.012 min

Lab File: VX045225.D

Acq: 11 Mar 2025 15:33

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-20250306DL

Tgt Ion: 84 Resp: 227

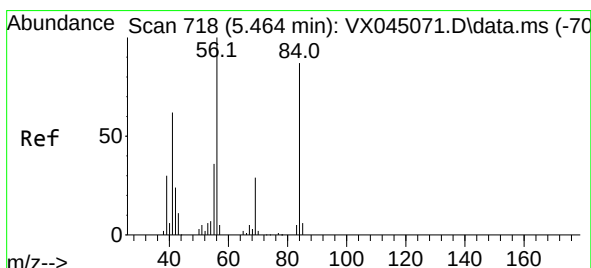
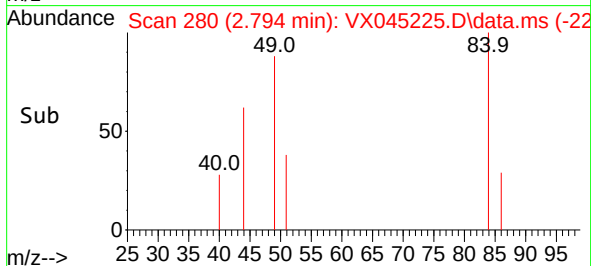
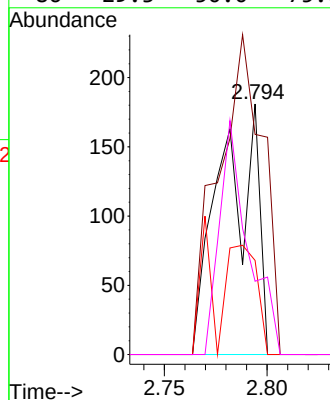
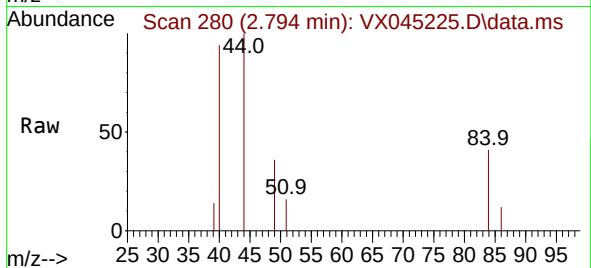
Ion Ratio Lower Upper

84 100

49 87.8 106.5 159.7#

51 37.6 32.1 48.1

86 29.3 50.0 75.0#



#31

Cyclohexane

Concen: 1.301 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.079 min

Lab File: VX045225.D

Acq: 11 Mar 2025 15:33

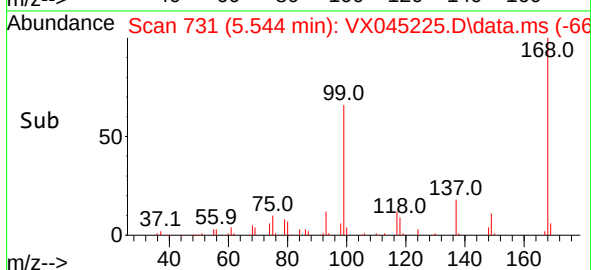
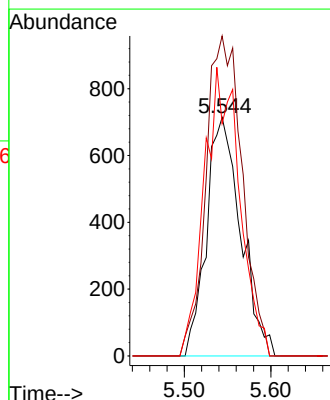
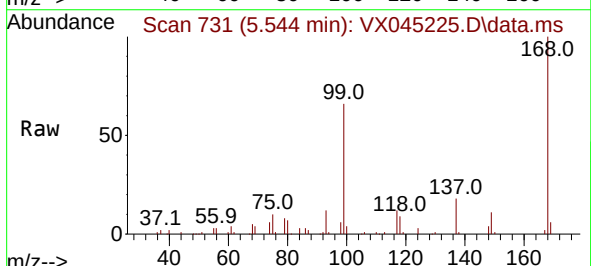
Tgt Ion: 56 Resp: 1964

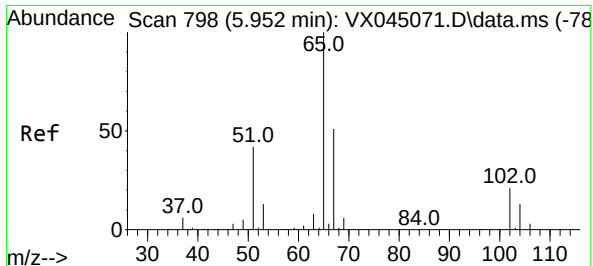
Ion Ratio Lower Upper

56 100

69 134.2 23.4 35.2#

84 97.5 69.4 104.2





#33

1,2-Dichloroethane-d4

Concen: 54.834 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045225.D

Acq: 11 Mar 2025 15:33

Instrument :

MSVOA_X

ClientSampleId :

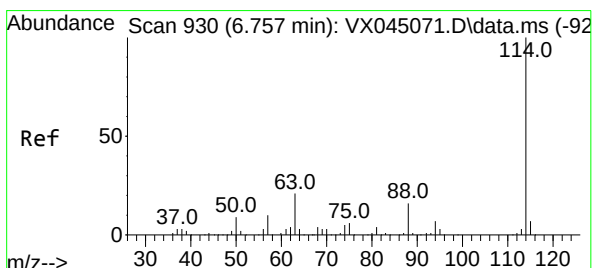
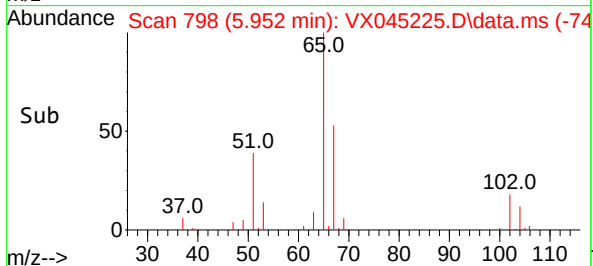
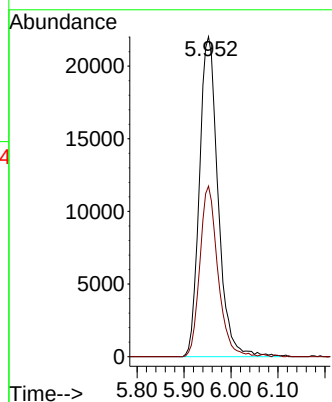
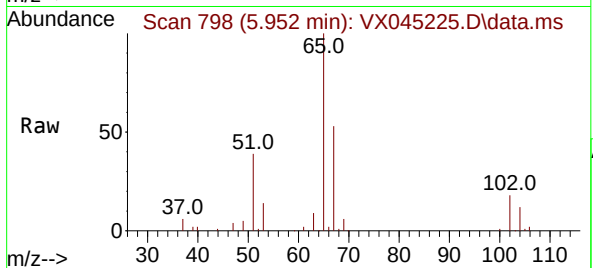
RE103D1-20250306DL

Tgt Ion: 65 Resp: 60833

Ion Ratio Lower Upper

65 100

67 51.5 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045225.D

Acq: 11 Mar 2025 15:33

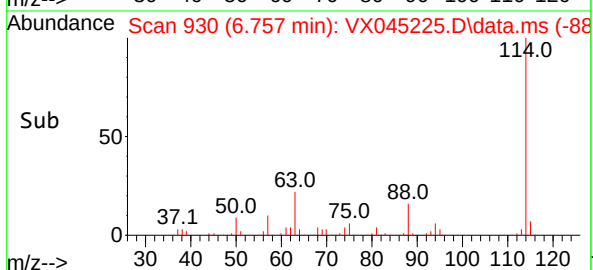
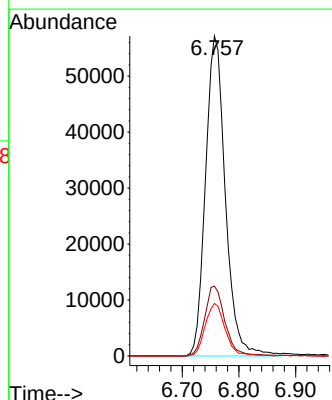
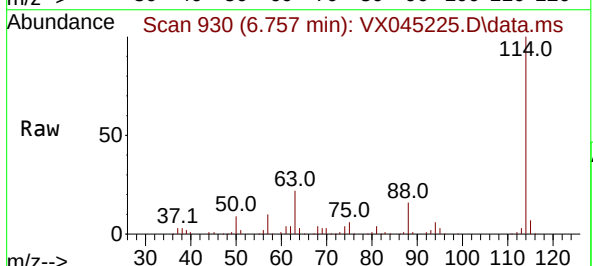
Tgt Ion: 114 Resp: 139117

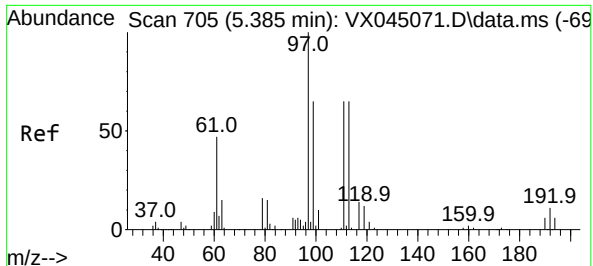
Ion Ratio Lower Upper

114 100

63 21.8 0.0 41.8

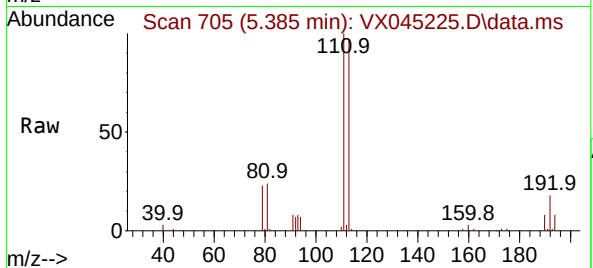
88 16.4 0.0 32.8



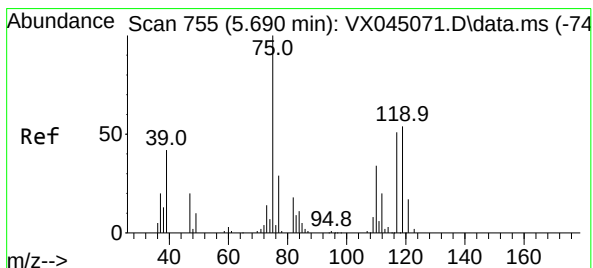
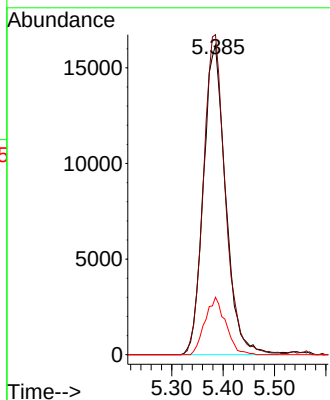
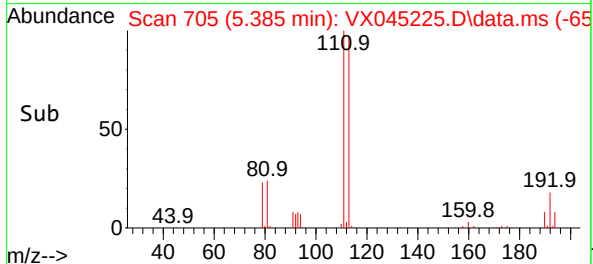


#35
Dibromofluoromethane
Concen: 52.358 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX045225.D
Acq: 11 Mar 2025 15:33

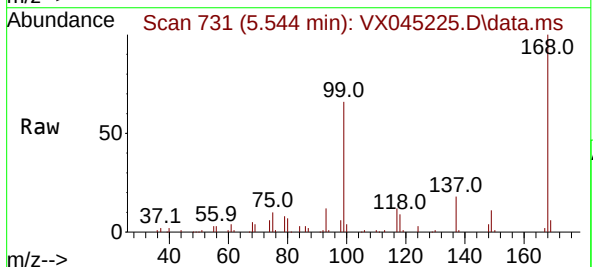
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20250306DL



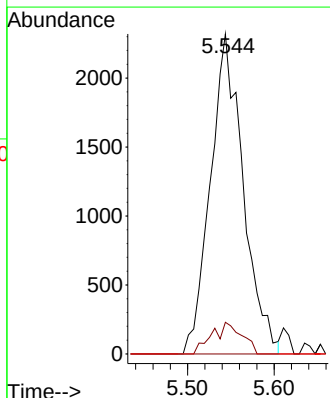
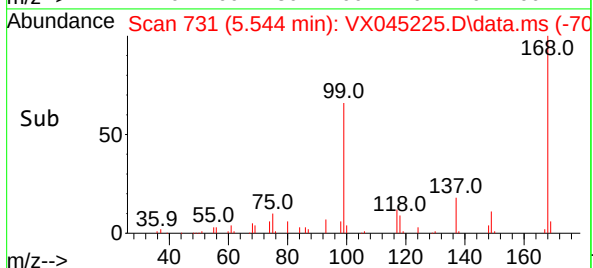
Tgt Ion:113 Resp: 48705
Ion Ratio Lower Upper
113 100
111 101.7 81.8 122.6
192 17.3 14.3 21.5

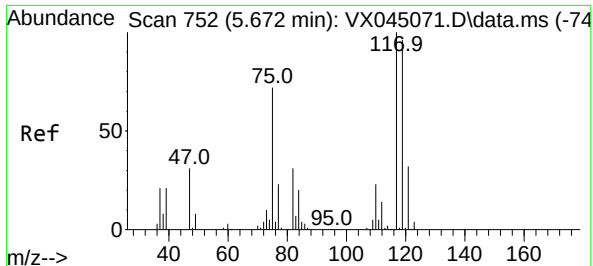


#36
1,1-Dichloropropene
Concen: 4.775 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX045225.D
Acq: 11 Mar 2025 15:33



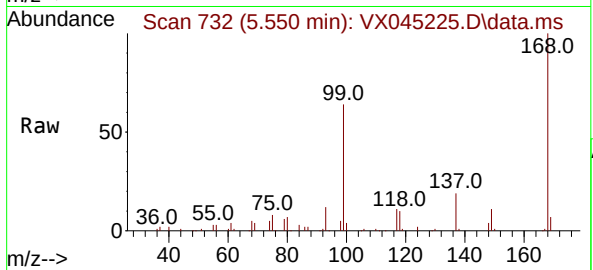
Tgt Ion: 75 Resp: 6091
Ion Ratio Lower Upper
75 100
110 9.0 16.9 50.6#
77 0.0 24.5 36.7#



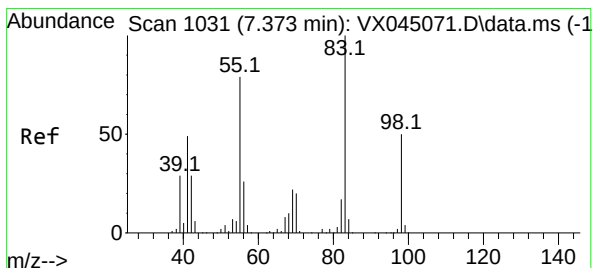
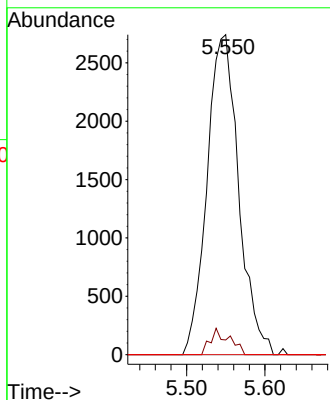
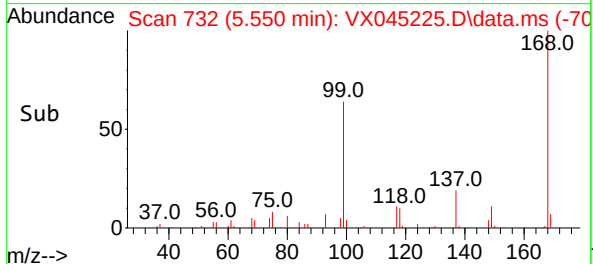


#38
Carbon Tetrachloride
Concen: 5.947 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX045225.D
Acq: 11 Mar 2025 15:33

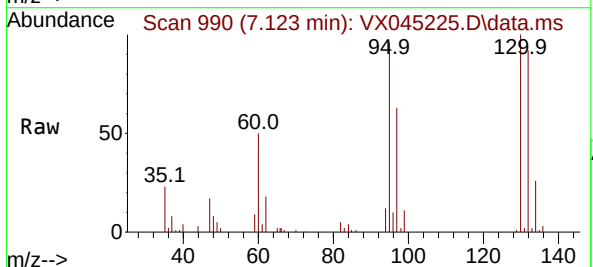
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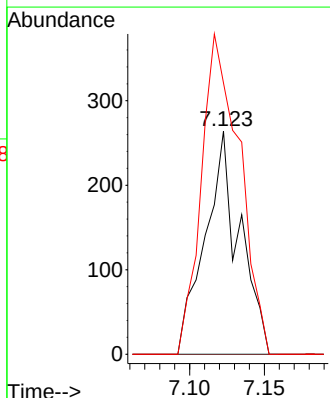
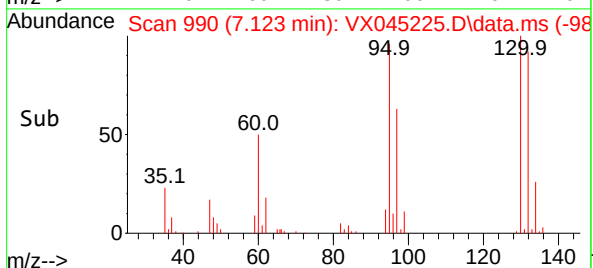
Tgt Ion:117 Resp: 7702
Ion Ratio Lower Upper
117 100
119 4.6 76.7 115.1#
121 0.0 25.5 38.3#

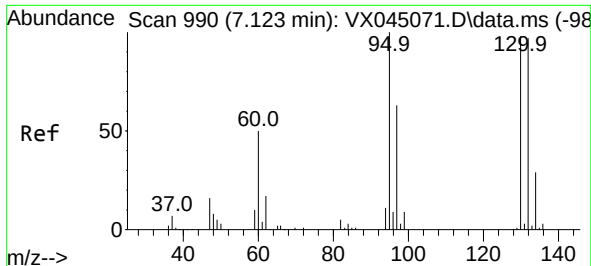


#39
Methylcyclohexane
Concen: 0.277 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.250 min
Lab File: VX045225.D
Acq: 11 Mar 2025 15:33



Tgt Ion: 83 Resp: 423
Ion Ratio Lower Upper
83 100
55 0.0 63.0 94.4#
98 121.6 39.7 59.5#

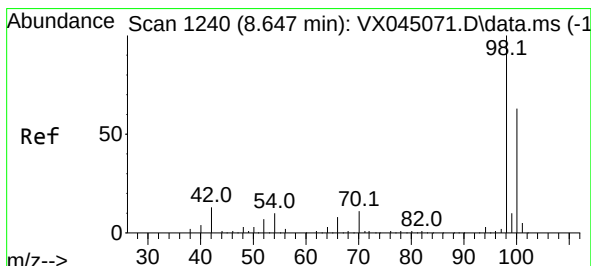
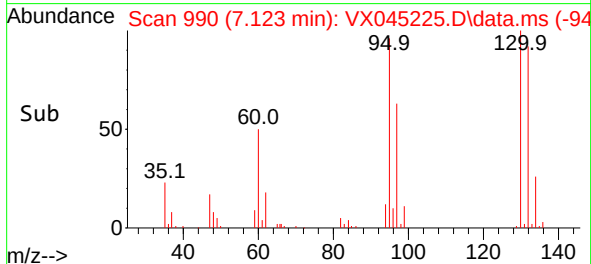
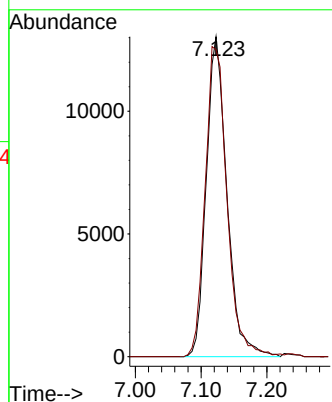
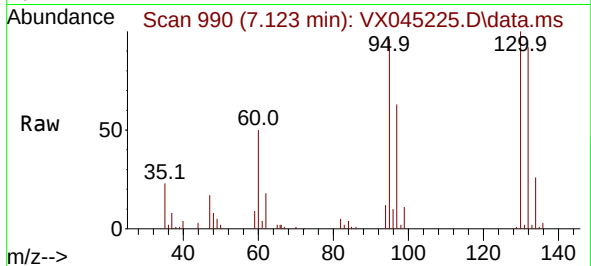




#44
Trichloroethene
Concen: 30.159 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX045225.D
Acq: 11 Mar 2025 15:33

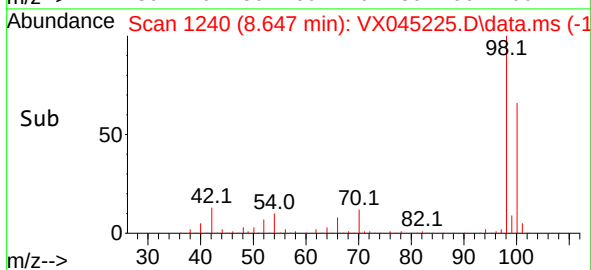
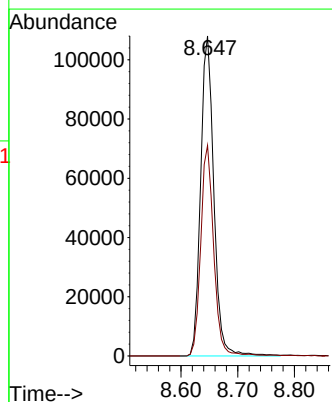
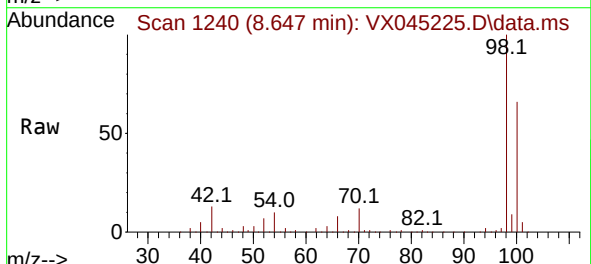
Instrument :
MSVOA_X
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RE103D1-20250306DL

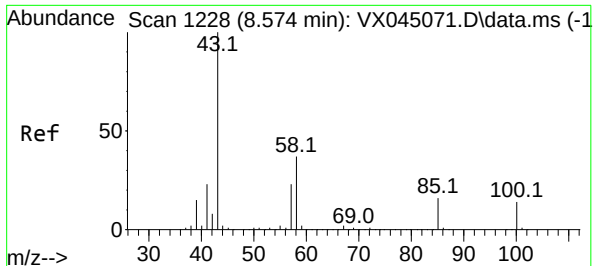
Tgt Ion:130 Resp: 28528
Ion Ratio Lower Upper
130 100
95 96.0 0.0 205.0



#50
Toluene-d8
Concen: 51.784 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045225.D
Acq: 11 Mar 2025 15:33

Tgt Ion: 98 Resp: 174638
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0

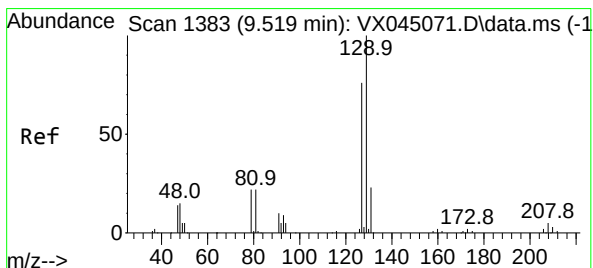
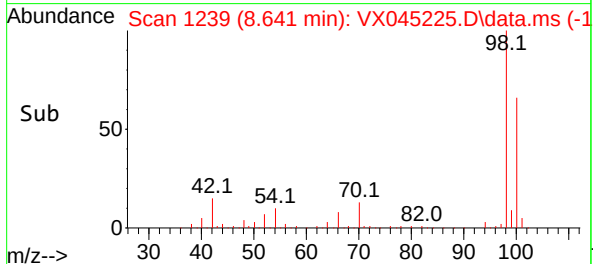
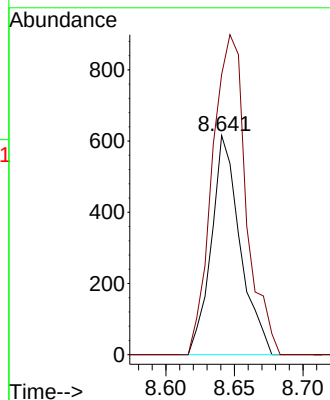
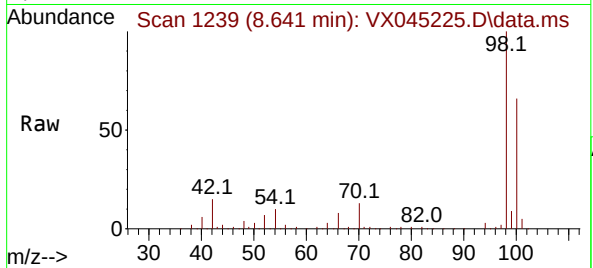




#51
4-Methyl-2-Pentanone
Concen: 0.551 ug/l
RT: 8.641 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX045225.D
Acq: 11 Mar 2025 15:33

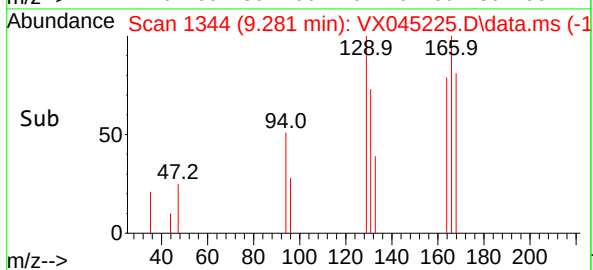
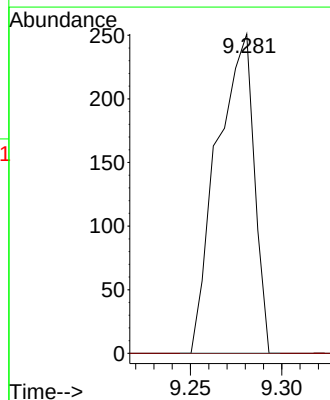
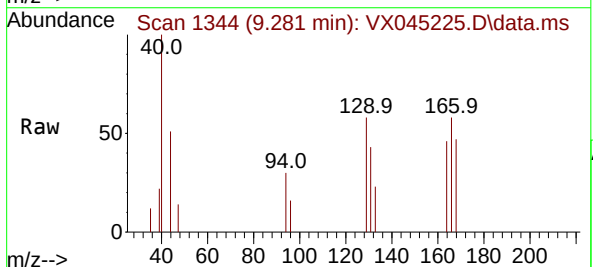
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20250306DL

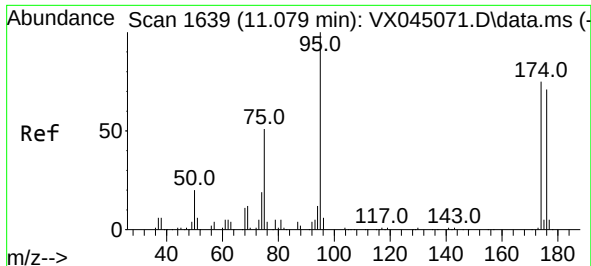
Tgt Ion: 43 Resp: 899
Ion Ratio Lower Upper
43 100
58 172.3 29.2 43.8#



#60
Dibromochloromethane
Concen: 0.348 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.238 min
Lab File: VX045225.D
Acq: 11 Mar 2025 15:33

Tgt Ion: 129 Resp: 354
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#





#62

4-Bromofluorobenzene

Concen: 53.175 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX045225.D

Acq: 11 Mar 2025 15:33

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-20250306DL

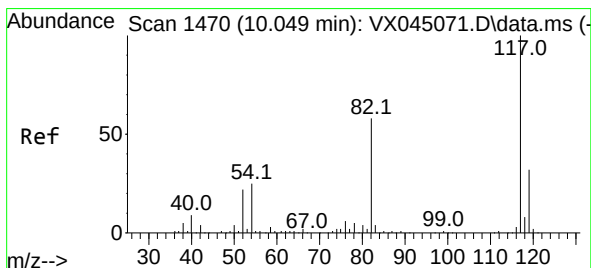
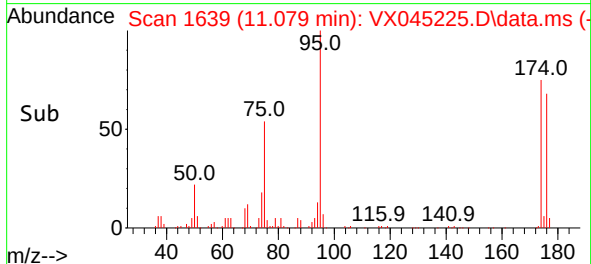
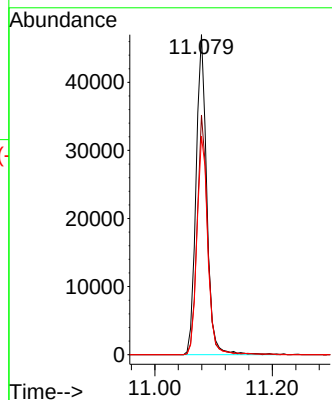
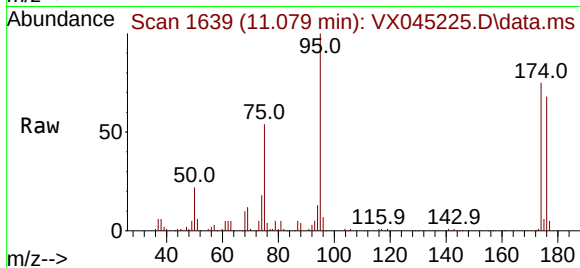
Tgt Ion: 95 Resp: 59424

Ion Ratio Lower Upper

95 100

174 73.4 0.0 148.2

176 69.5 0.0 141.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX045225.D

Acq: 11 Mar 2025 15:33

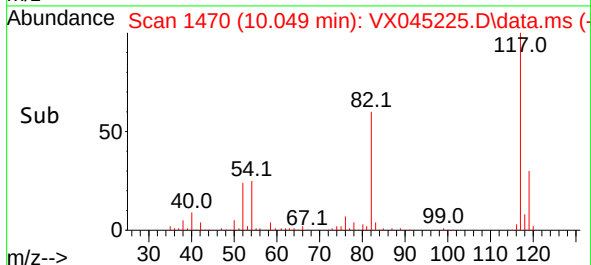
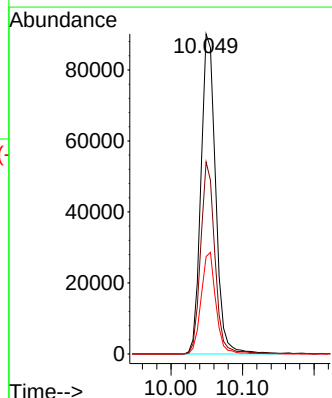
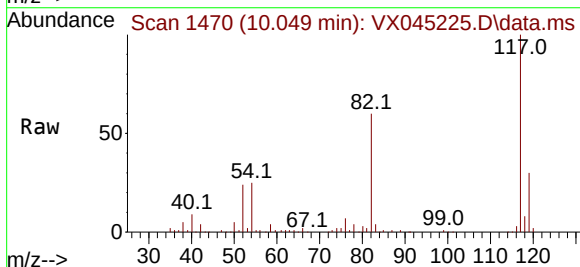
Tgt Ion: 117 Resp: 128566

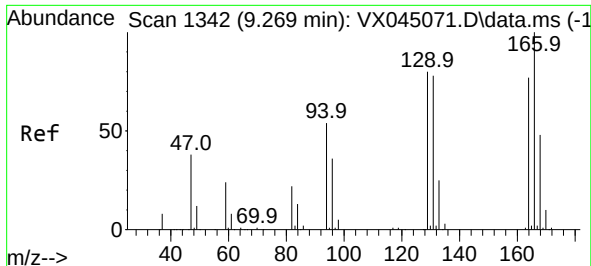
Ion Ratio Lower Upper

117 100

82 60.0 46.3 69.5

119 30.5 25.7 38.5

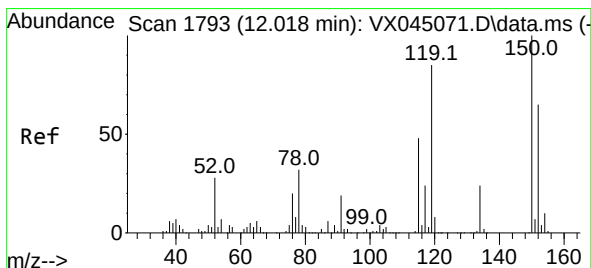
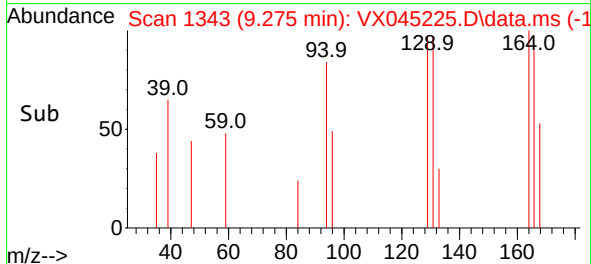
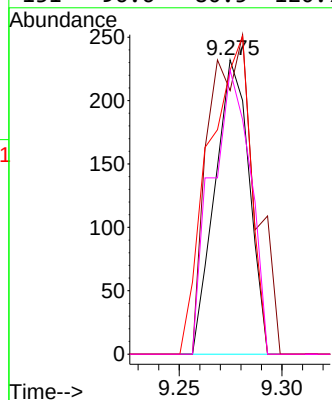
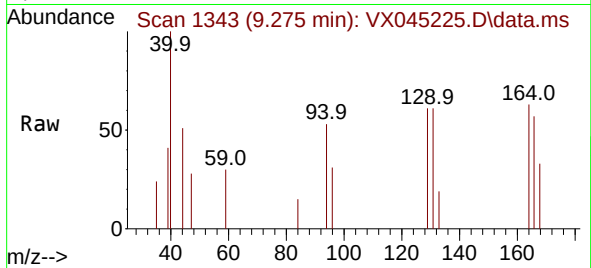




#64
Tetrachloroethene
Concen: 0.327 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045225.D
Acq: 11 Mar 2025 15:33

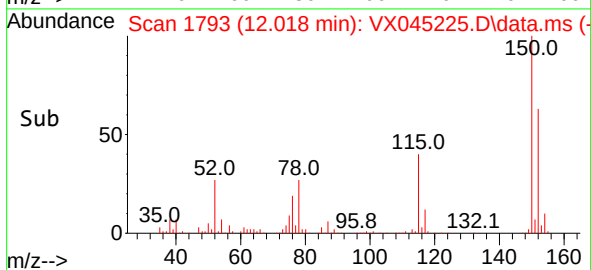
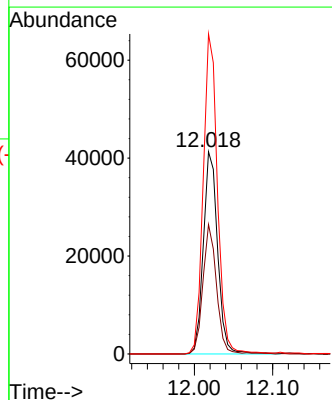
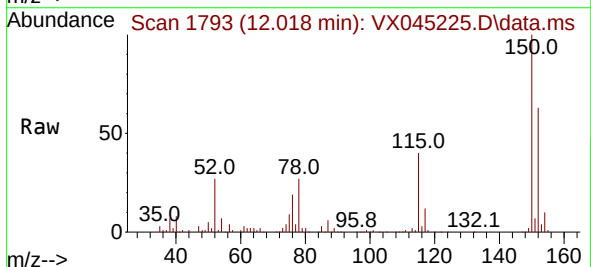
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20250306DL

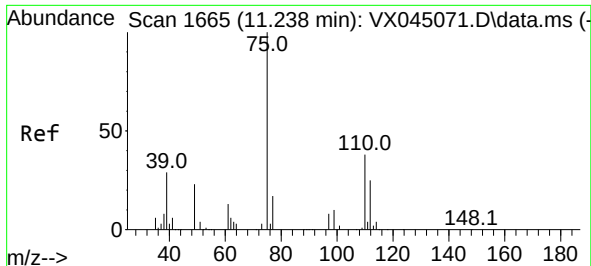
Tgt Ion:164 Resp: 269
Ion Ratio Lower Upper
164 100
166 89.7 103.6 155.4#
129 96.6 82.7 124.1
131 96.6 80.5 120.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045225.D
Acq: 11 Mar 2025 15:33

Tgt Ion:152 Resp: 52396
Ion Ratio Lower Upper
152 100
115 61.1 44.2 132.6
150 157.4 0.0 349.0

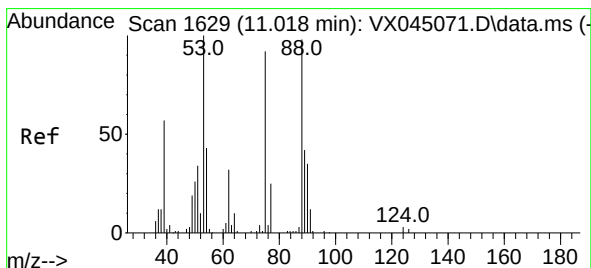
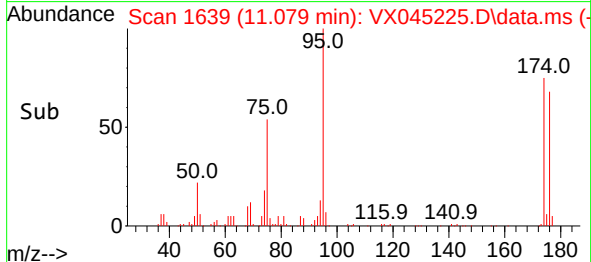
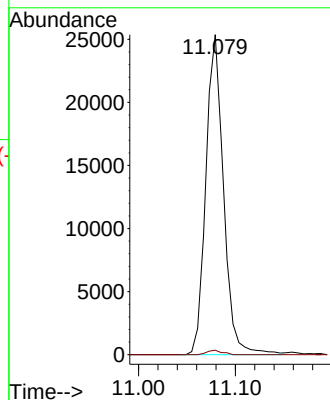
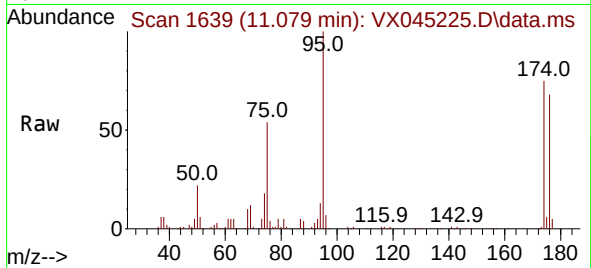




#76
1,2,3-Trichloropropane
Concen: 26.478 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045225.D
Acq: 11 Mar 2025 15:33

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20250306DL

Tgt Ion: 75 Resp: 32290
Ion Ratio Lower Upper
75 100
77 1.2 20.7 62.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.611 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045225.D
Acq: 11 Mar 2025 15:33

Tgt Ion: 75 Resp: 32290
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.0 36.2 54.4#

