

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031225\
 Data File : VX045248.D
 Acq On : 12 Mar 2025 14:58
 Operator : JC/MD
 Sample : Q1531-12DL 40X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE108D2-20250306DL

Quant Time: Mar 13 01:42:20 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)

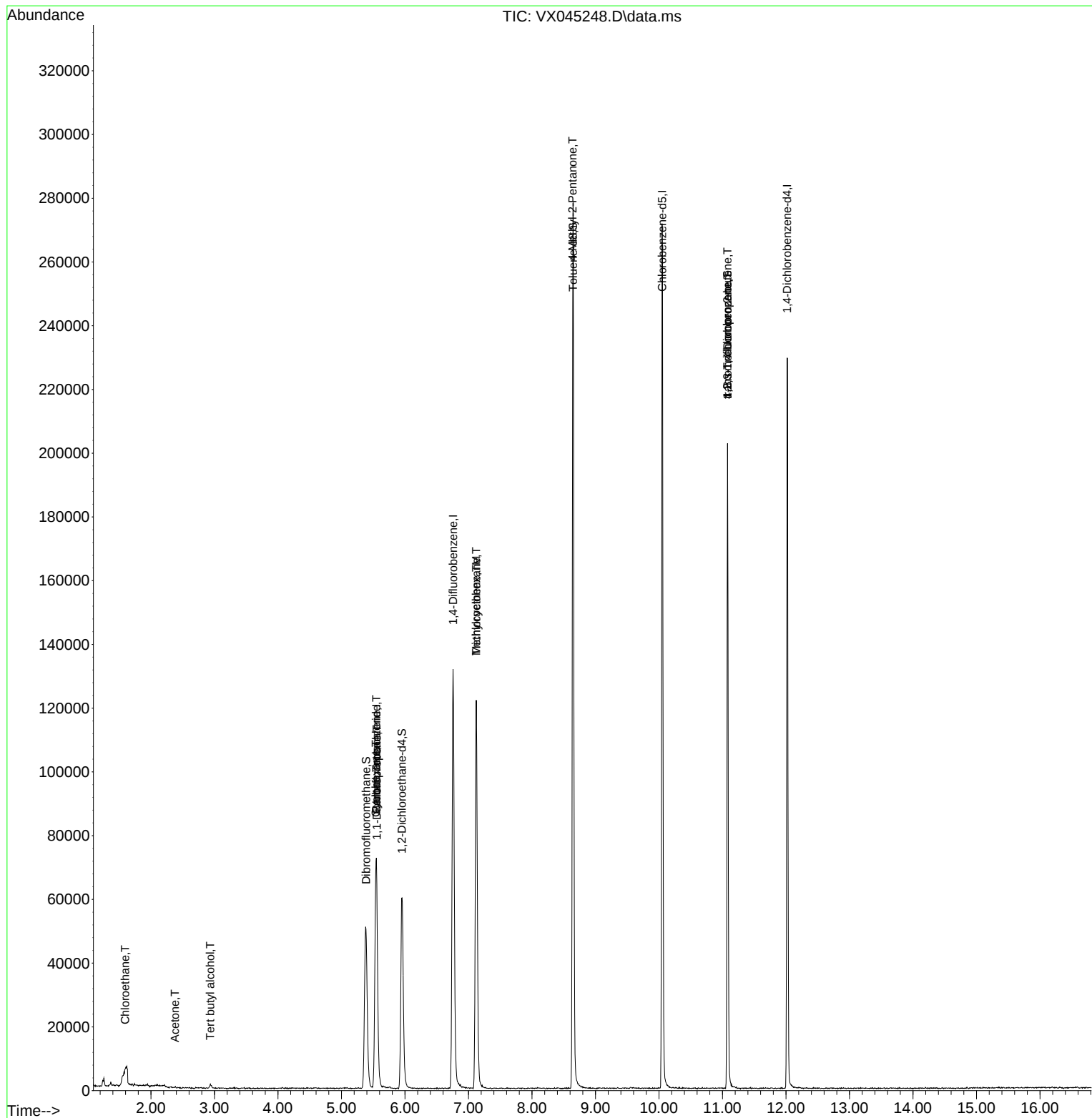
Internal Standards						
1) Pentafluorobenzene	5.550	168	66127	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	131653	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	115157	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	43787	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	57878	55.025	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.060%	
35) Dibromofluoromethane	5.385	113	45725	51.941	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.880%	
50) Toluene-d8	8.647	98	160816	50.389	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.780%	
62) 4-Bromofluorobenzene	11.079	95	51545	48.739	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 97.480%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.593	64	124	0.266	ug/l #	41
11) Tert butyl alcohol	2.934	59	568	2.851	ug/l #	73
16) Acetone	2.380	43	297	0.609	ug/l #	75
31) Cyclohexane	5.544	56	1891	1.321	ug/l #	26
36) 1,1-Dichloropropene	5.556	75	6106	5.058	ug/l #	50
38) Carbon Tetrachloride	5.550	117	7319	5.971	ug/l #	17
39) Methylcyclohexane	7.123	83	714	0.494	ug/l #	1
44) Trichloroethene	7.123	130	46479	51.922	ug/l	94
51) 4-Methyl-2-Pentanone	8.641	43	862	0.558	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	28973	28.429	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	28973	97.288	ug/l #	6

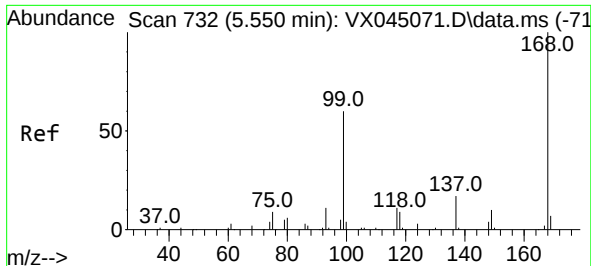
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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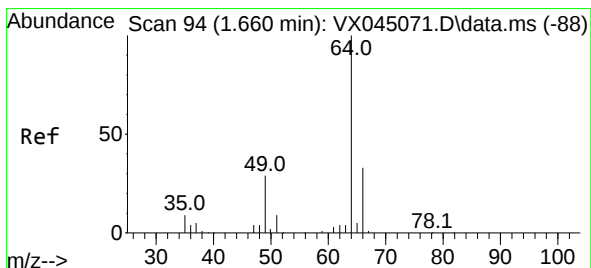
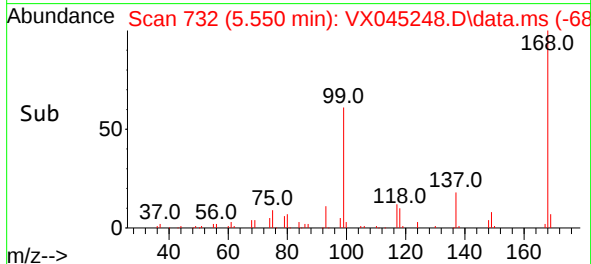
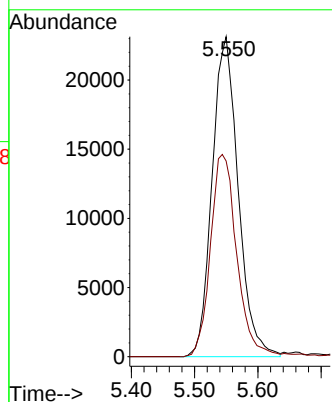
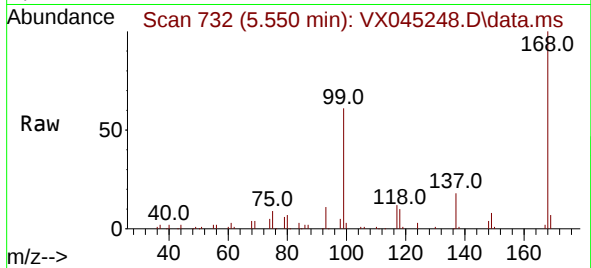




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045248.D
Acq: 12 Mar 2025 14:58

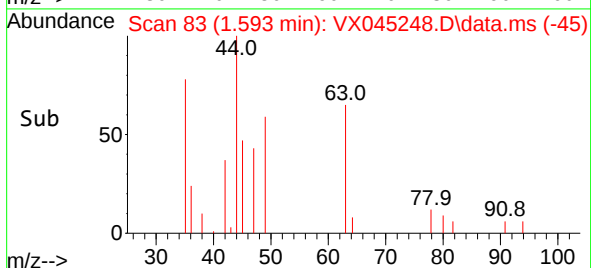
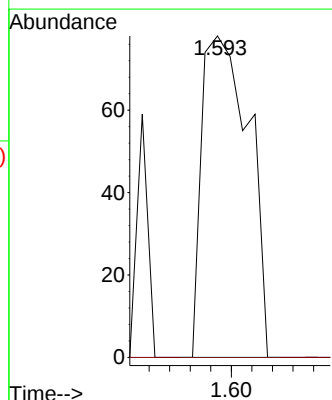
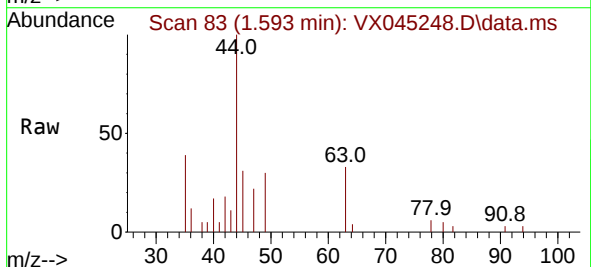
Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20250306DL

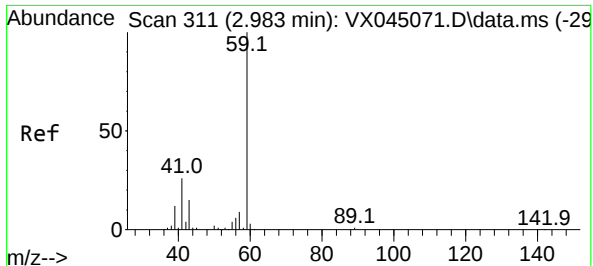
Tgt Ion:168 Resp: 66127
Ion Ratio Lower Upper
168 100
99 61.1 48.2 72.4



#6
Chloroethane
Concen: 0.266 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.067 min
Lab File: VX045248.D
Acq: 12 Mar 2025 14:58

Tgt Ion: 64 Resp: 124
Ion Ratio Lower Upper
64 100
66 0.0 26.7 40.1#





#11

Tert butyl alcohol

Concen: 2.851 ug/l

RT: 2.934 min Scan# 30

Delta R.T. -0.049 min

Lab File: VX045248.D

Acq: 12 Mar 2025 14:58

Instrument :

MSVOA_X

ClientSampleId :

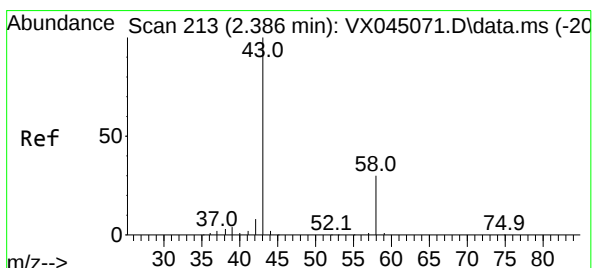
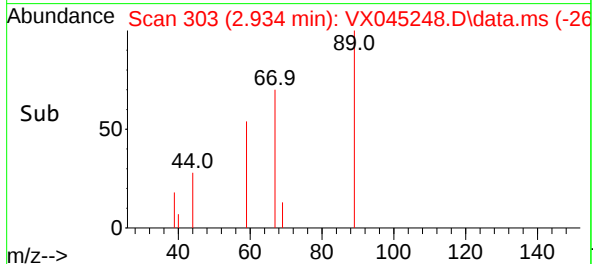
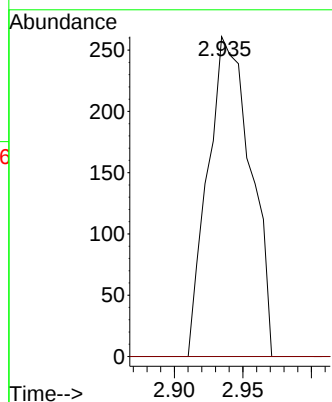
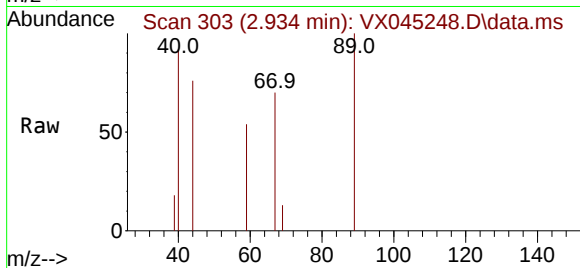
RE108D2-20250306DL

Tgt Ion: 59 Resp: 568

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



#16

Acetone

Concen: 0.609 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.006 min

Lab File: VX045248.D

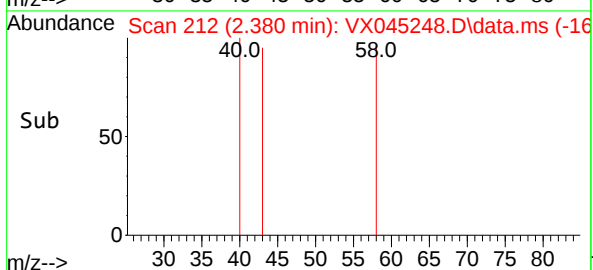
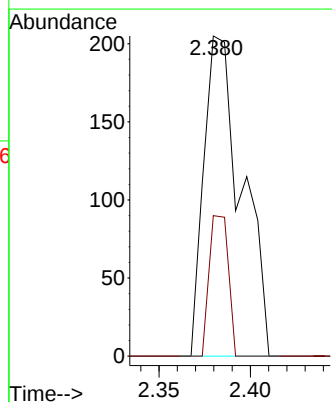
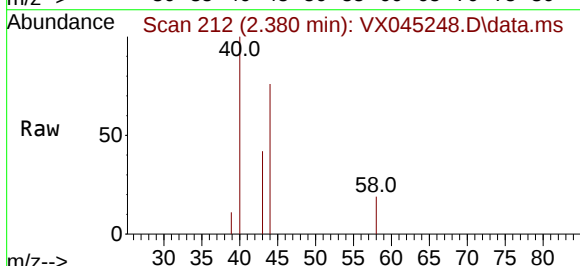
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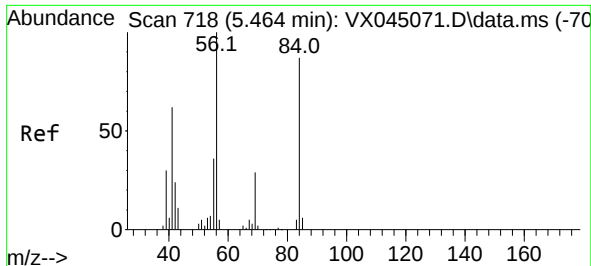
Tgt Ion: 43 Resp: 297

Ion Ratio Lower Upper

43 100

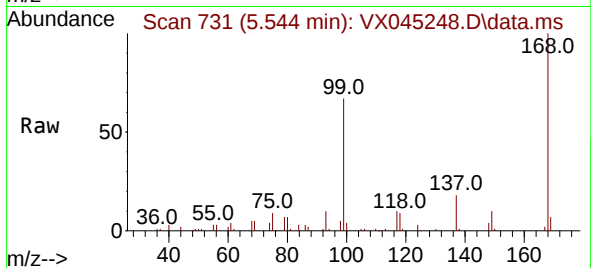
58 43.9 24.2 36.4#



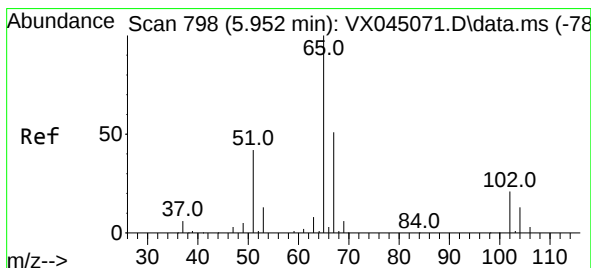
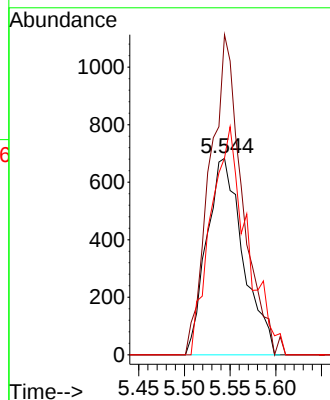
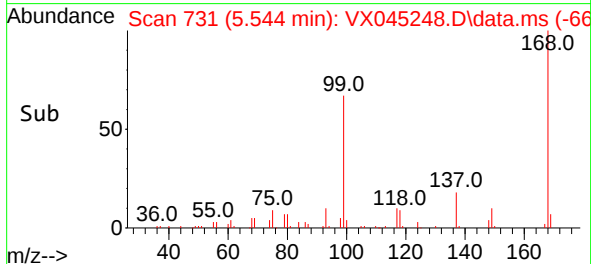


#31
Cyclohexane
Concen: 1.321 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX045248.D
Acq: 12 Mar 2025 14:58

Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20250306DL

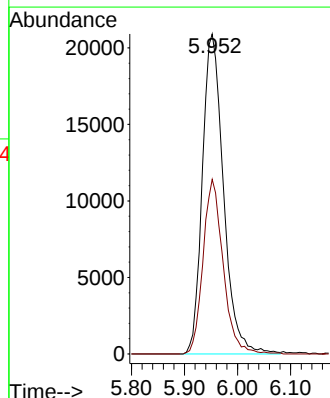
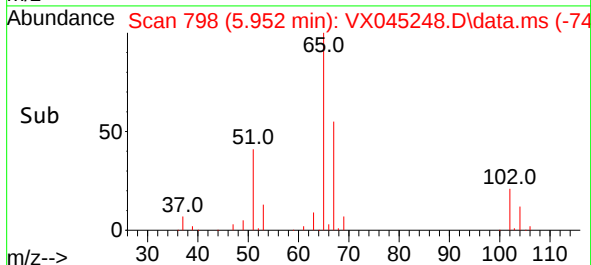
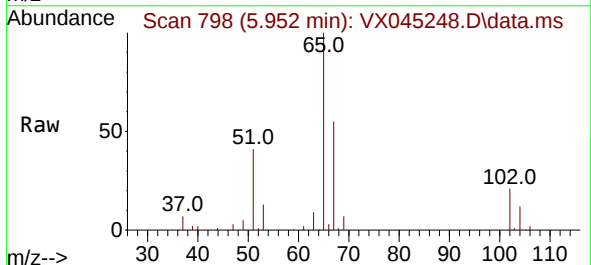


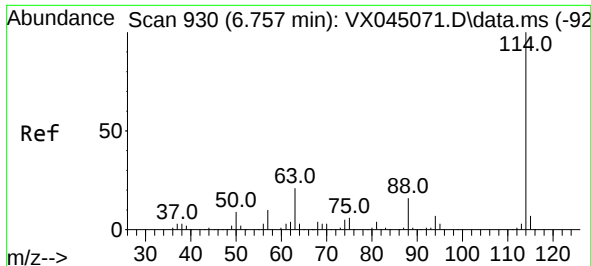
Tgt Ion: 56 Resp: 1891
Ion Ratio Lower Upper
56 100
69 163.0 23.4 35.2#
84 100.1 69.4 104.2



#33
1,2-Dichloroethane-d4
Concen: 55.025 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045248.D
Acq: 12 Mar 2025 14:58

Tgt Ion: 65 Resp: 57878
Ion Ratio Lower Upper
65 100
67 51.9 0.0 106.2

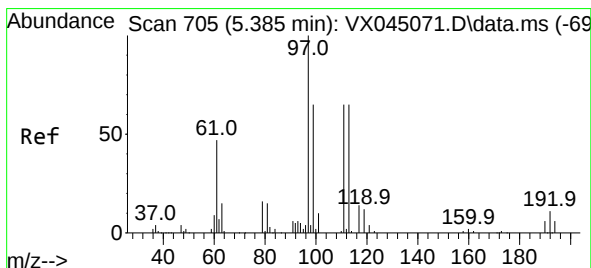
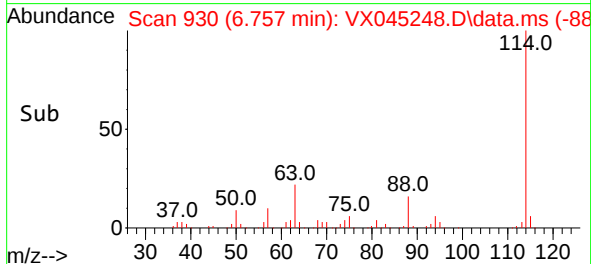
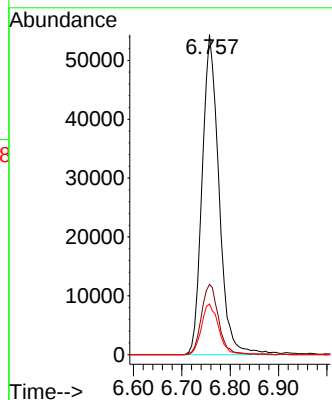
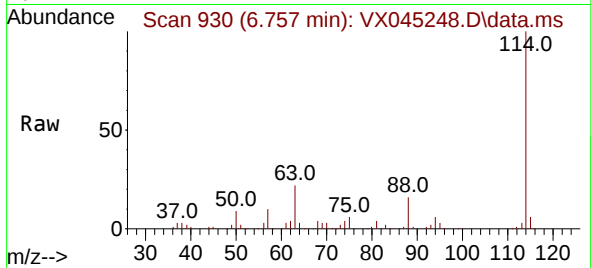




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX045248.D
Acq: 12 Mar 2025 14:58

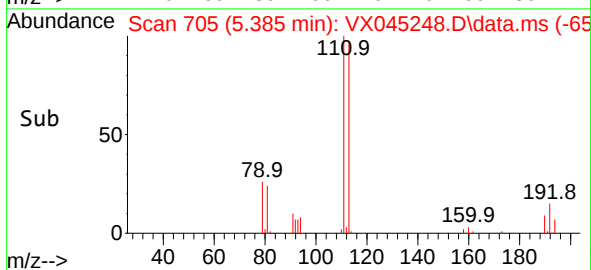
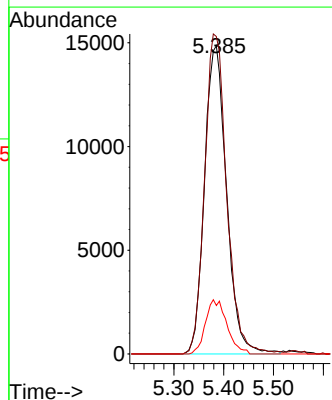
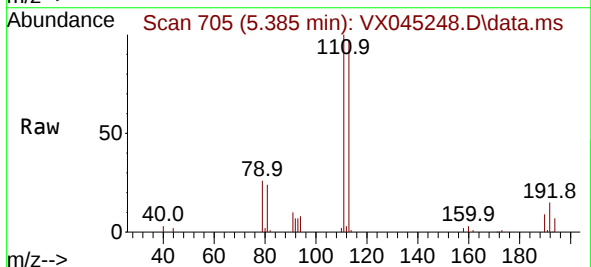
Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20250306DL

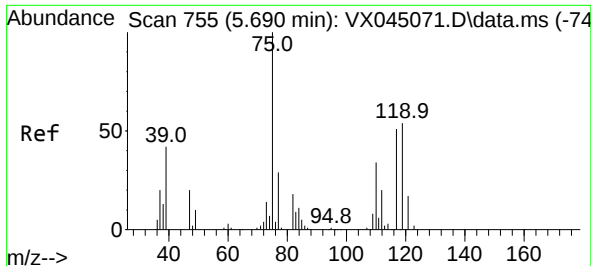
Tgt Ion:114 Resp: 131653
Ion Ratio Lower Upper
114 100
63 22.0 0.0 41.8
88 15.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.941 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX045248.D
Acq: 12 Mar 2025 14:58

Tgt Ion:113 Resp: 45725
Ion Ratio Lower Upper
113 100
111 103.7 81.8 122.6
192 17.1 14.3 21.5

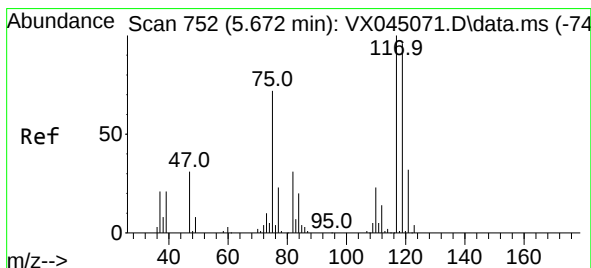
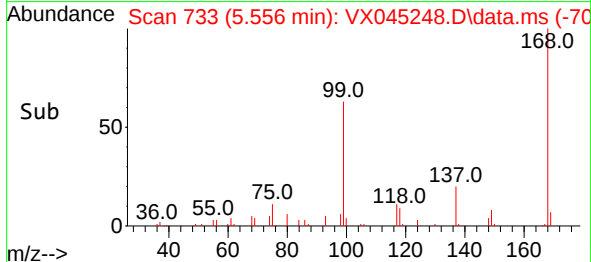
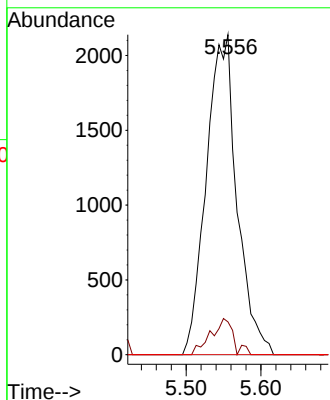
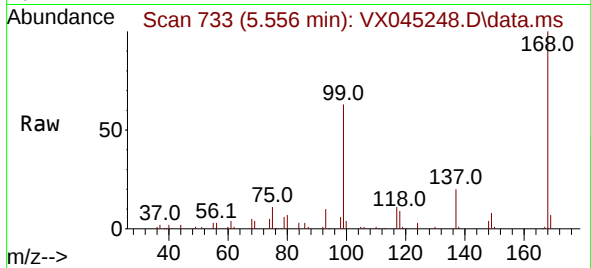




#36
1,1-Dichloropropene
Concen: 5.058 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX045248.D
Acq: 12 Mar 2025 14:58

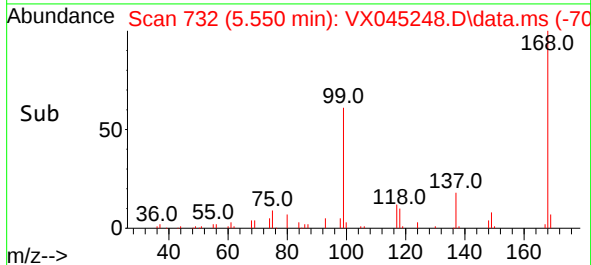
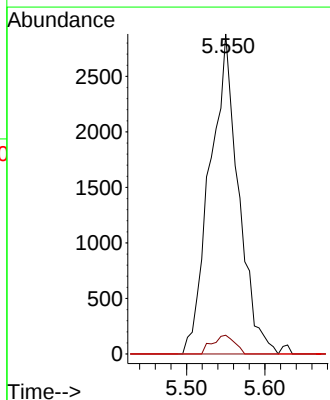
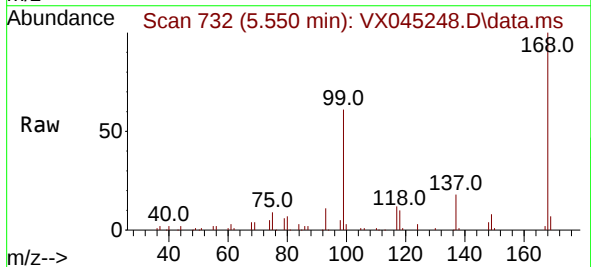
Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20250306DL

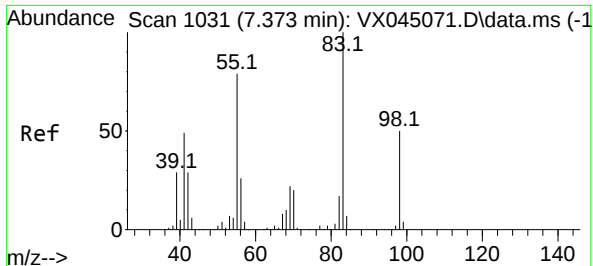
Tgt Ion: 75 Resp: 6106
Ion Ratio Lower Upper
75 100
110 8.4 16.9 50.6#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 5.971 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX045248.D
Acq: 12 Mar 2025 14:58

Tgt Ion: 117 Resp: 7319
Ion Ratio Lower Upper
117 100
119 5.9 76.7 115.1#
121 0.0 25.5 38.3#





#39

Methylcyclohexane

Concen: 0.494 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.250 min

Lab File: VX045248.D

Acq: 12 Mar 2025 14:58

Instrument :

MSVOA_X

ClientSampleId :

RE108D2-20250306DL

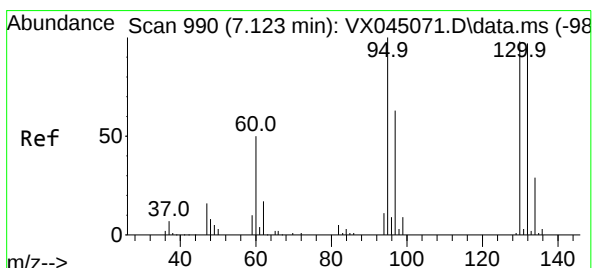
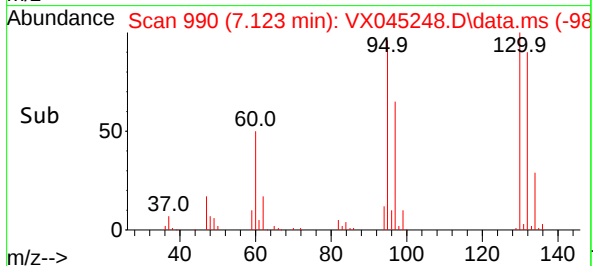
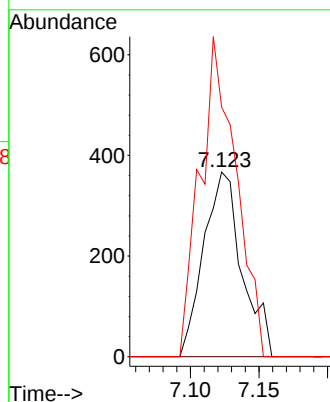
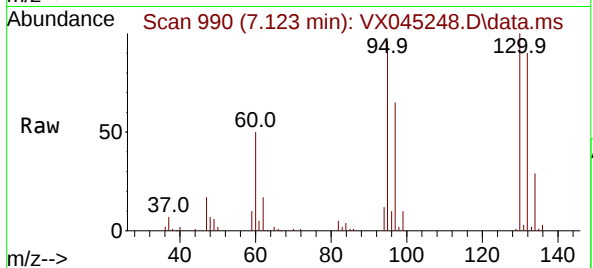
Tgt Ion: 83 Resp: 714

Ion Ratio Lower Upper

83 100

55 0.0 63.0 94.4#

98 135.1 39.7 59.5#



#44

Trichloroethene

Concen: 51.922 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX045248.D

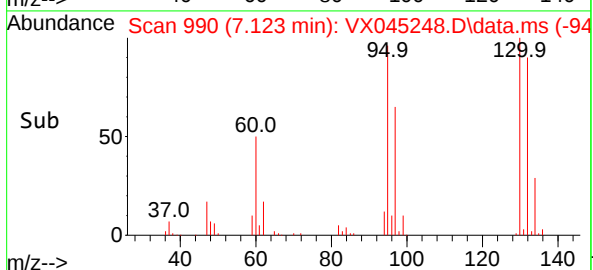
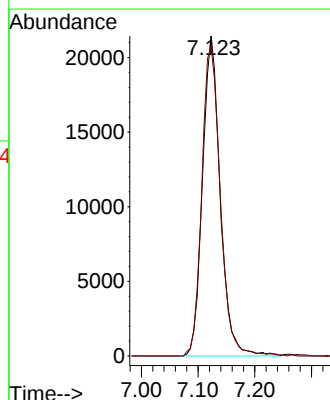
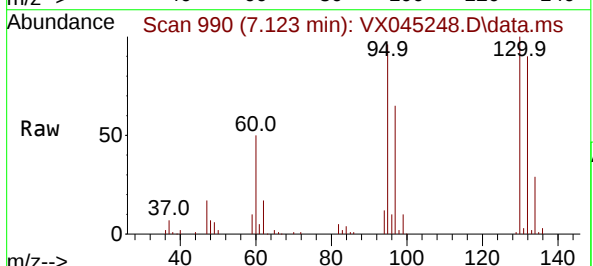
Acq: 12 Mar 2025 14:58

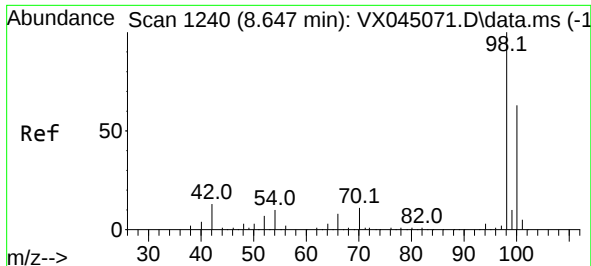
Tgt Ion:130 Resp: 46479

Ion Ratio Lower Upper

130 100

95 96.5 0.0 205.0

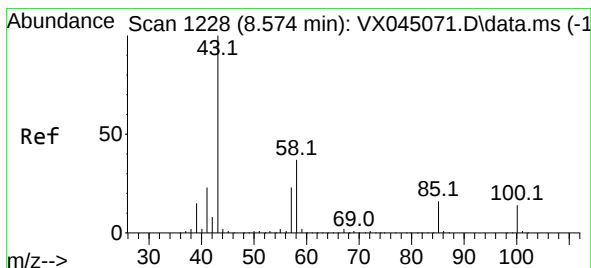
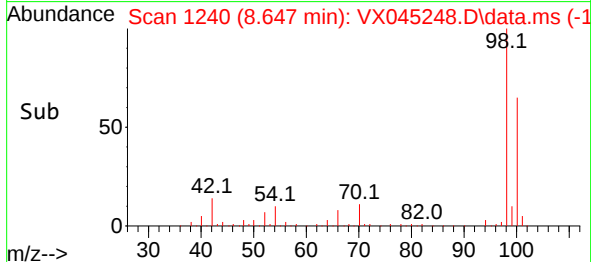
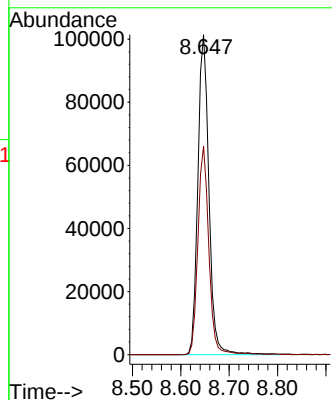
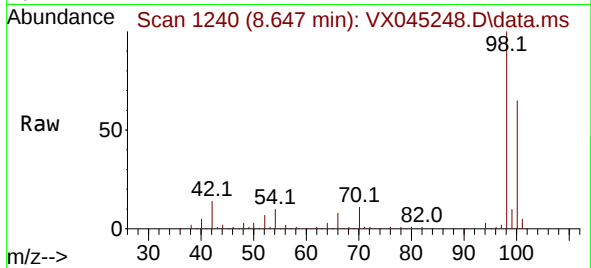




#50
Toluene-d8
Concen: 50.389 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045248.D
Acq: 12 Mar 2025 14:58

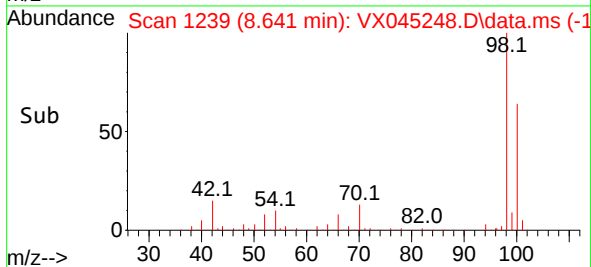
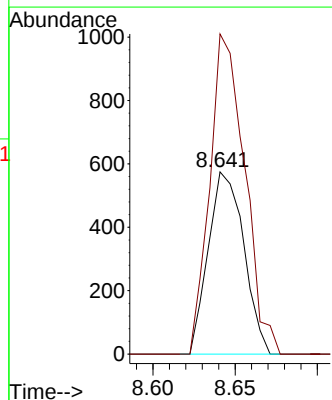
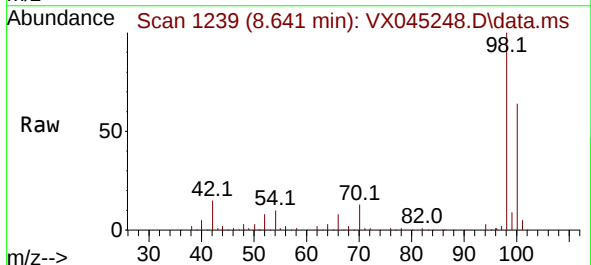
Instrument :
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RE108D2-20250306DL

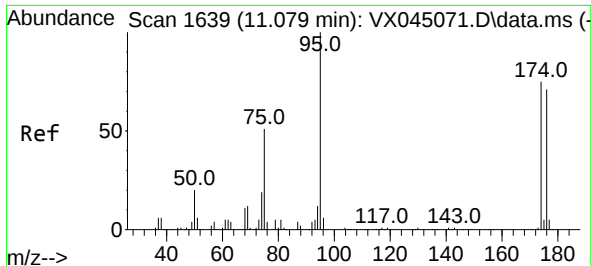
Tgt Ion: 98 Resp: 160816
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.558 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX045248.D
Acq: 12 Mar 2025 14:58

Tgt Ion: 43 Resp: 862
Ion Ratio Lower Upper
43 100
58 173.3 29.2 43.8#

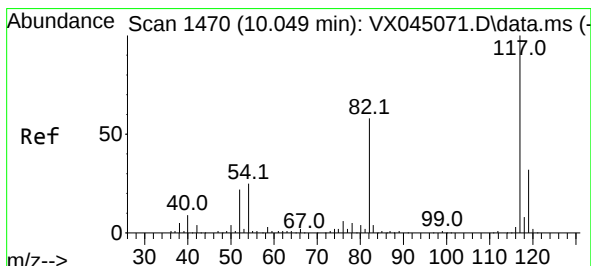
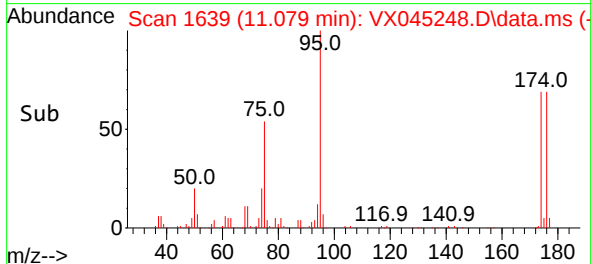
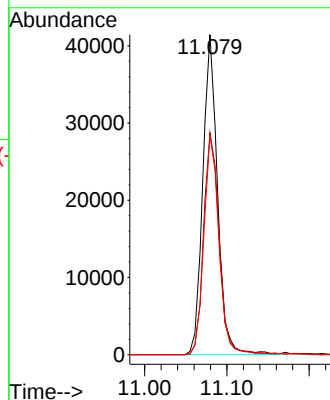
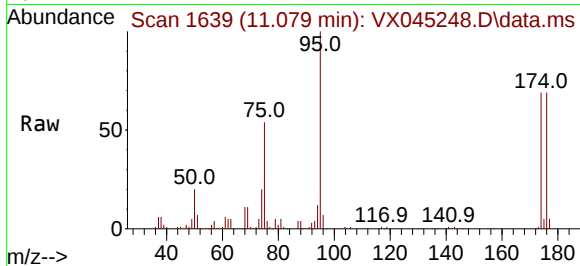




#62
4-Bromofluorobenzene
Concen: 48.739 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045248.D
Acq: 12 Mar 2025 14:58

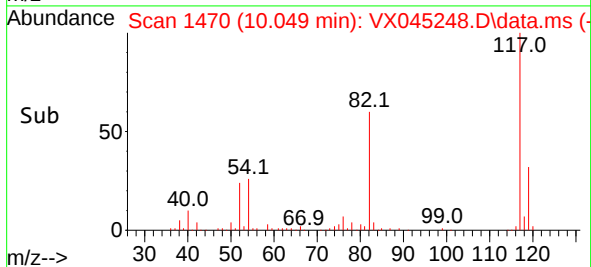
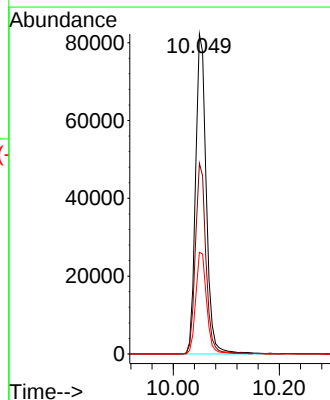
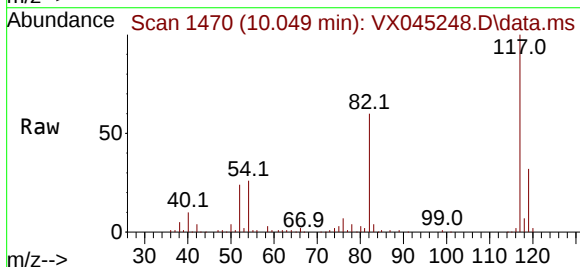
Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20250306DL

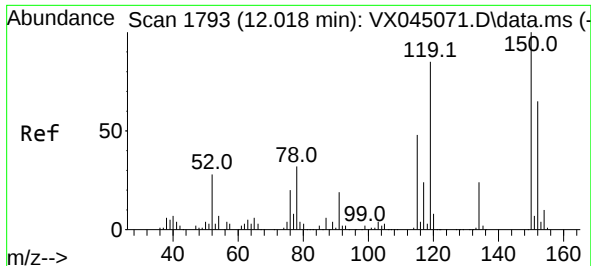
Tgt Ion: 95 Resp: 51545
Ion Ratio Lower Upper
95 100
174 74.3 0.0 148.2
176 70.2 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045248.D
Acq: 12 Mar 2025 14:58

Tgt Ion: 117 Resp: 115157
Ion Ratio Lower Upper
117 100
82 59.6 46.3 69.5
119 31.8 25.7 38.5

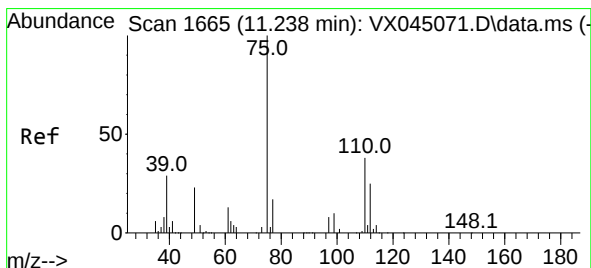
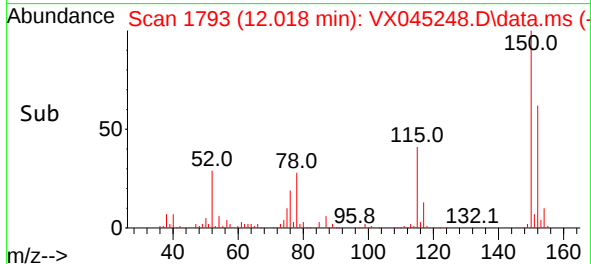
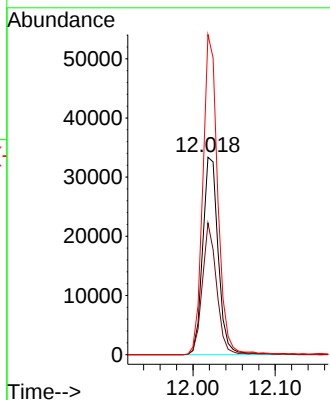
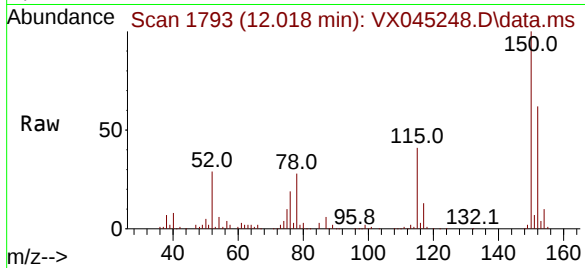




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045248.D
Acq: 12 Mar 2025 14:58

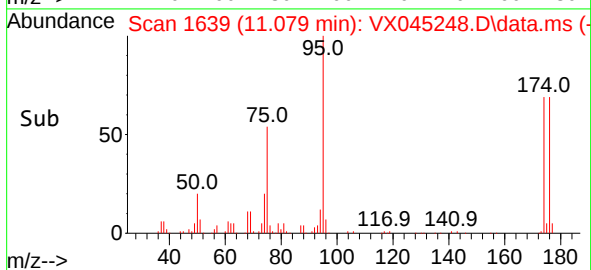
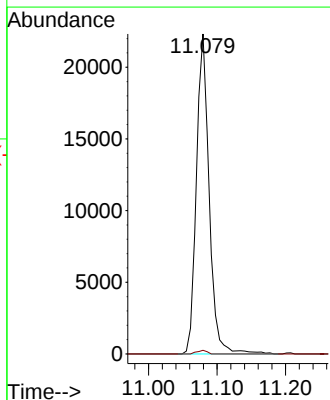
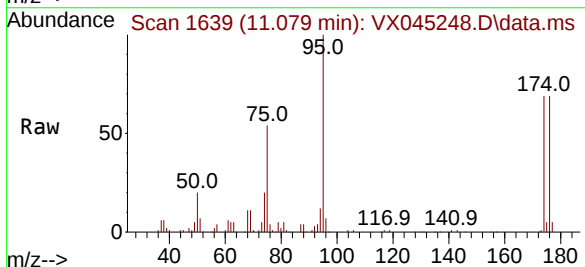
Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20250306DL

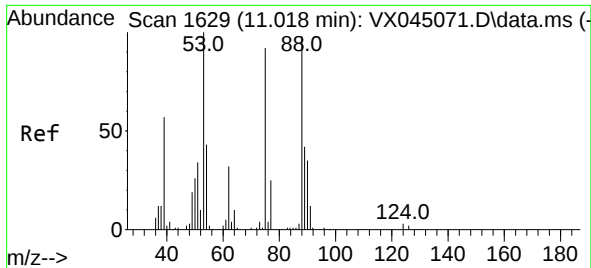
Tgt Ion:152 Resp: 43787
Ion Ratio Lower Upper
152 100
115 61.9 44.2 132.6
150 156.0 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 28.429 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX045248.D
Acq: 12 Mar 2025 14:58

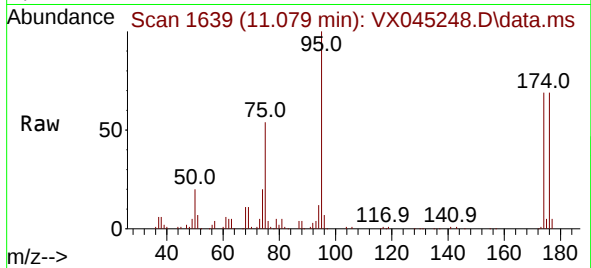
Tgt Ion: 75 Resp: 28973
Ion Ratio Lower Upper
75 100
77 0.9 20.7 62.1#





#81
trans-1,4-Dichloro-2-butene
Concen: 97.288 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX045248.D
Acq: 12 Mar 2025 14:58

Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20250306DL



Tgt Ion: 75 Resp: 28973
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.1 36.2 54.4#

