

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031025\
 Data File : VX045200.D
 Acq On : 10 Mar 2025 16:48
 Operator : JC/MD
 Sample : Q1531-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D3-20250306

Quant Time: Mar 11 03:58:57 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)

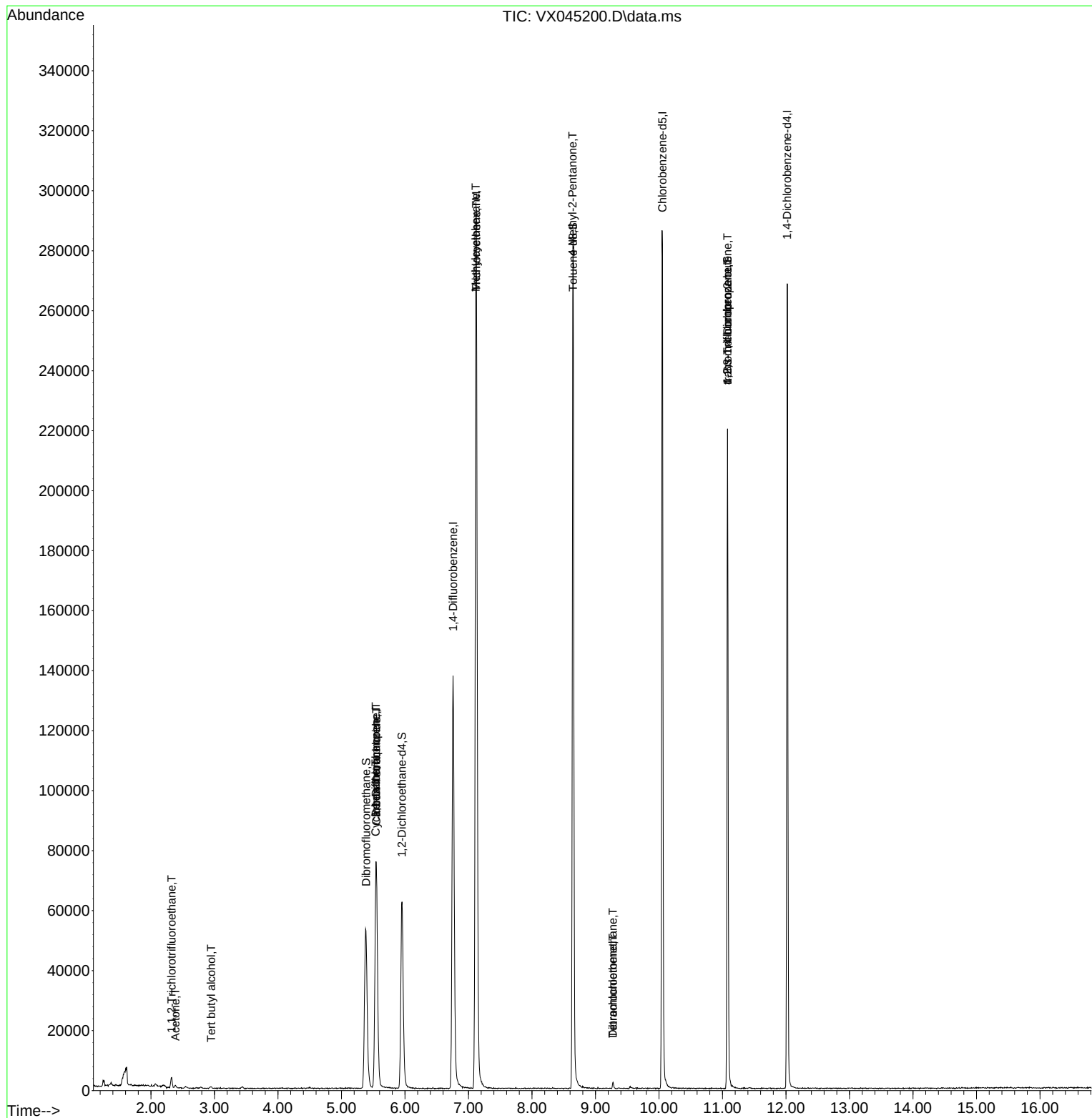
Internal Standards						
1) Pentafluorobenzene	5.544	168	69178	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	138281	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	126707	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51747	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	58149	52.845	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.680%	
35) Dibromofluoromethane	5.385	113	48010	51.922	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.840%	
50) Toluene-d8	8.647	98	171889	51.277	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.560%	
62) 4-Bromofluorobenzene	11.079	95	57568	51.825	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 103.660%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.325	101	1331	1.655	ug/l	87
11) Tert butyl alcohol	2.947	59	90	0.432	ug/l #	73
16) Acetone	2.386	43	914	1.790	ug/l #	78
31) Cyclohexane	5.538	56	1741	1.163	ug/l #	32
36) 1,1-Dichloropropene	5.544	75	6463	5.097	ug/l #	51
38) Carbon Tetrachloride	5.550	117	7411	5.757	ug/l #	15
39) Methylcyclohexane	7.117	83	1545	1.017	ug/l #	1
44) Trichloroethene	7.123	130	109525	116.487	ug/l	99
51) 4-Methyl-2-Pentanone	8.641	43	900	0.555	ug/l #	1
60) Dibromochloromethane	9.275	129	380	0.376	ug/l #	11
64) Tetrachloroethene	9.275	164	331	0.408	ug/l #	84
76) 1,2,3-Trichloropropane	11.079	75	31066	25.793	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	31066	88.270	ug/l #	6

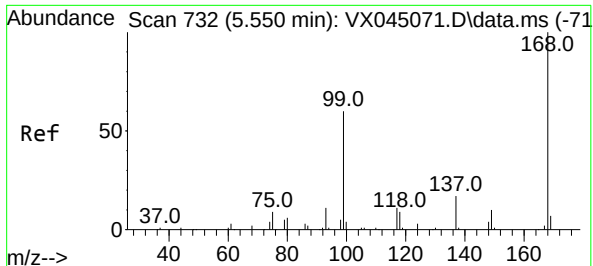
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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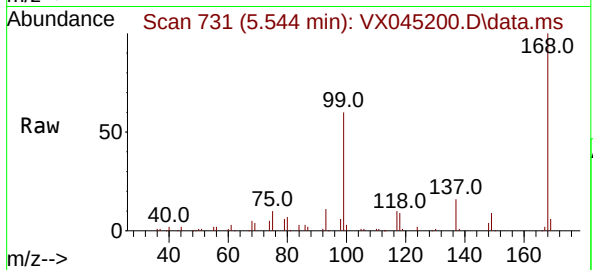
Quant Time: Mar 11 03:58:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
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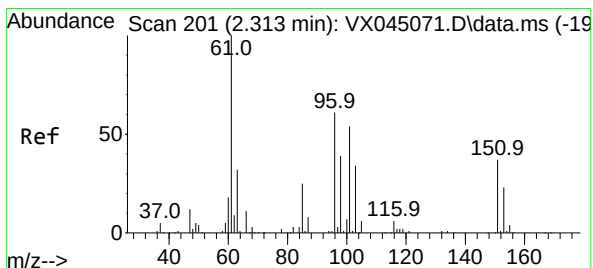
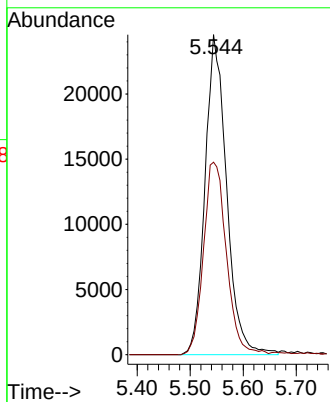
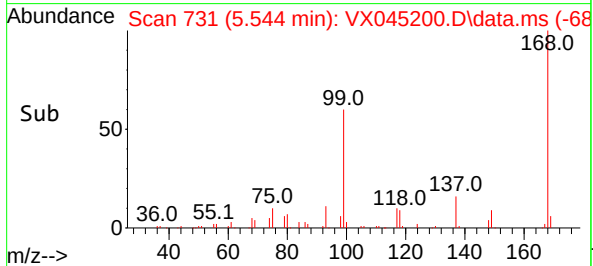


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045200.D
Acq: 10 Mar 2025 16:48

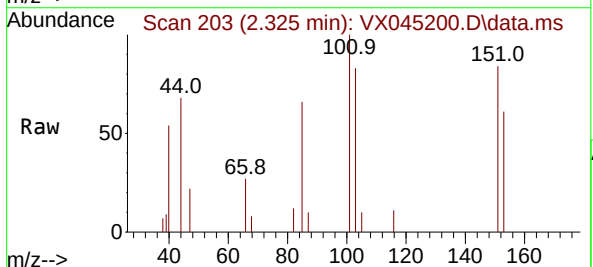
Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20250306



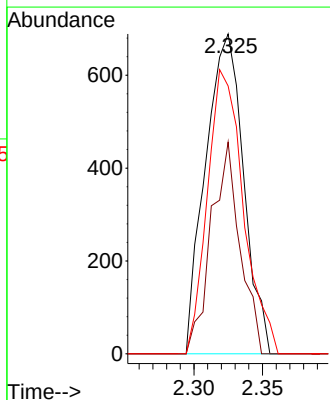
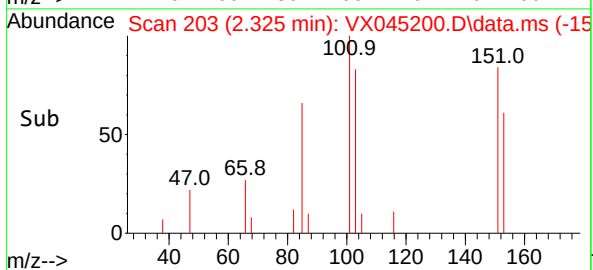
Tgt Ion:168 Resp: 69178
Ion Ratio Lower Upper
168 100
99 60.2 48.2 72.4

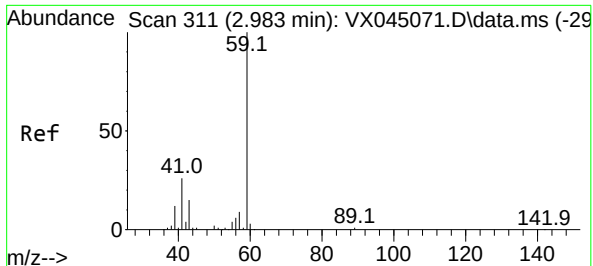


#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.655 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.012 min
Lab File: VX045200.D
Acq: 10 Mar 2025 16:48



Tgt Ion:101 Resp: 1331
Ion Ratio Lower Upper
101 100
85 50.0 36.2 54.4
151 83.9 56.4 84.6





#11

Tert butyl alcohol

Concen: 0.432 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.037 min

Lab File: VX045200.D

Acq: 10 Mar 2025 16:48

Instrument :

MSVOA_X

ClientSampleId :

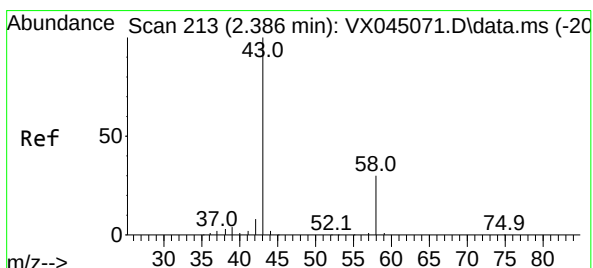
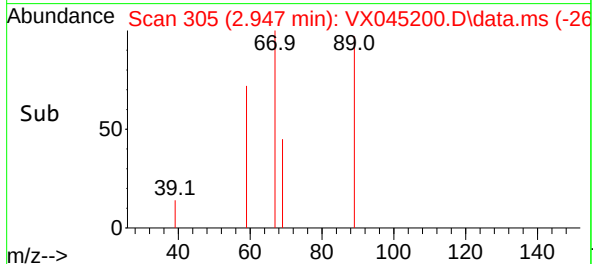
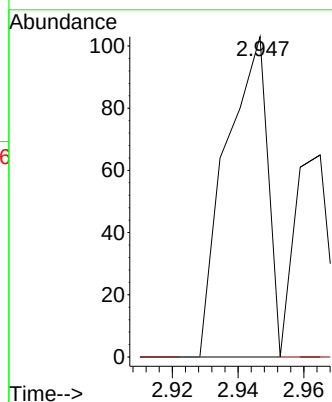
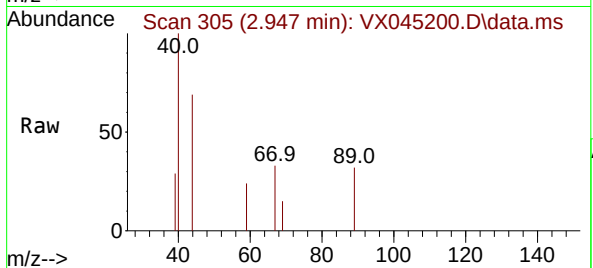
RE103D3-20250306

Tgt Ion: 59 Resp: 90

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



#16

Acetone

Concen: 1.790 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.000 min

Lab File: VX045200.D

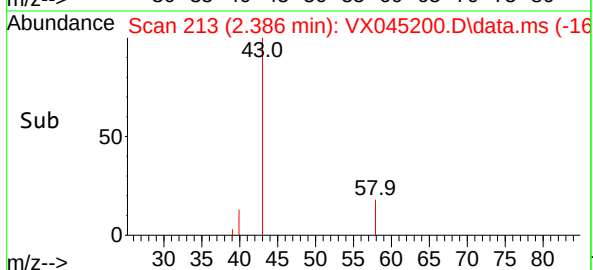
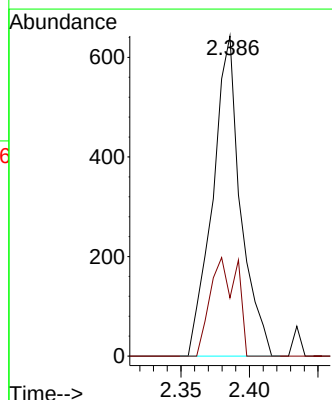
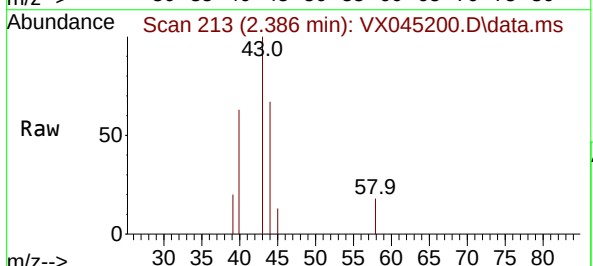
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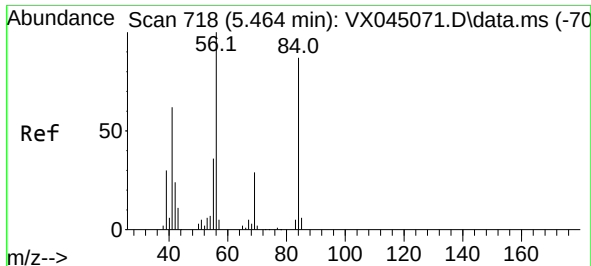
Tgt Ion: 43 Resp: 914

Ion Ratio Lower Upper

43 100

58 18.2 24.2 36.4#

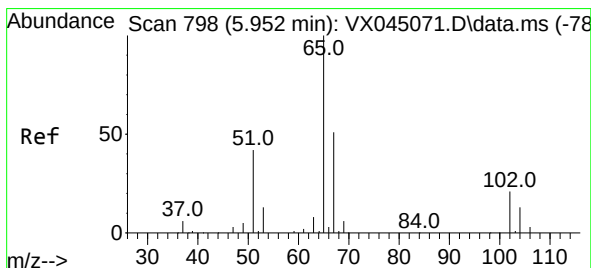
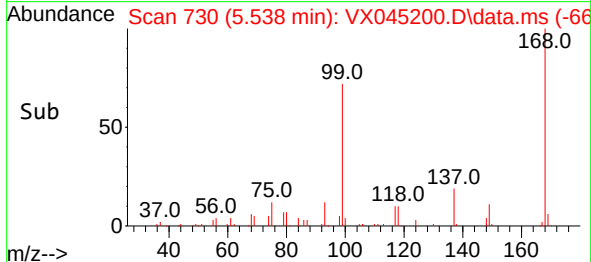
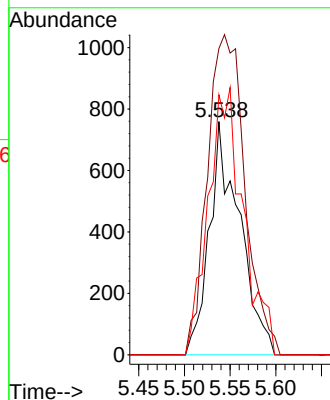
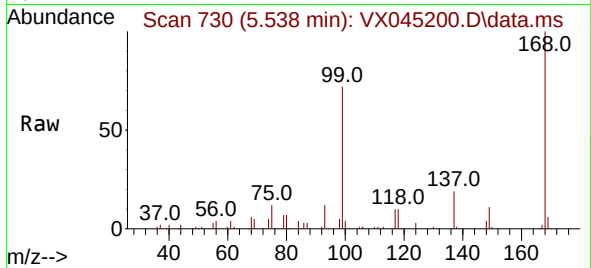




#31
Cyclohexane
Concen: 1.163 ug/l
RT: 5.538 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX045200.D
Acq: 10 Mar 2025 16:48

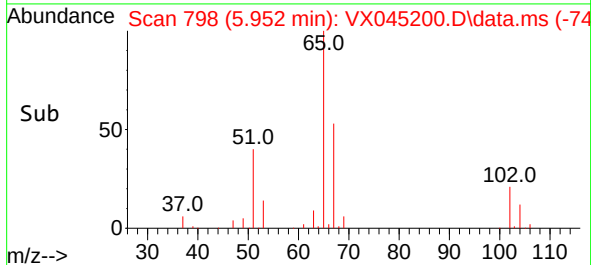
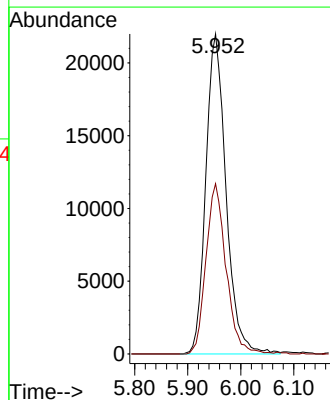
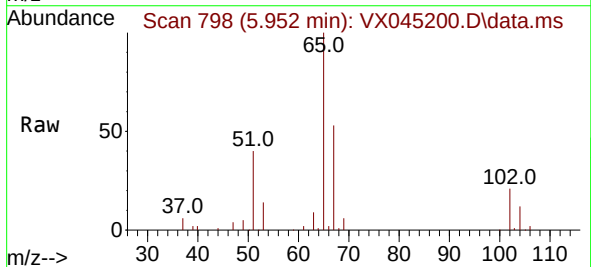
Instrument :
MSVOA_X
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RE103D3-20250306

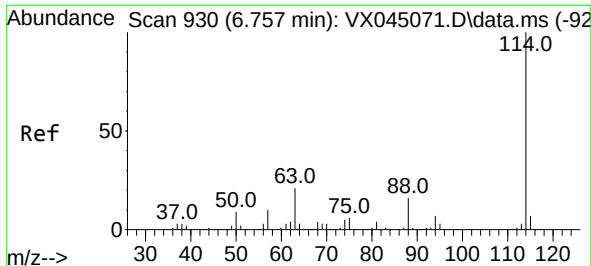
Tgt Ion: 56 Resp: 1741
Ion Ratio Lower Upper
56 100
69 131.4 23.4 35.2#
84 111.5 69.4 104.2#



#33
1,2-Dichloroethane-d4
Concen: 52.845 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045200.D
Acq: 10 Mar 2025 16:48

Tgt Ion: 65 Resp: 58149
Ion Ratio Lower Upper
65 100
67 53.0 0.0 106.2

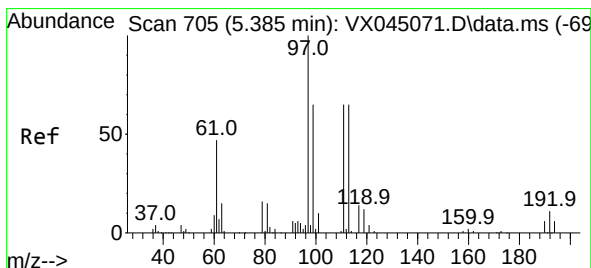
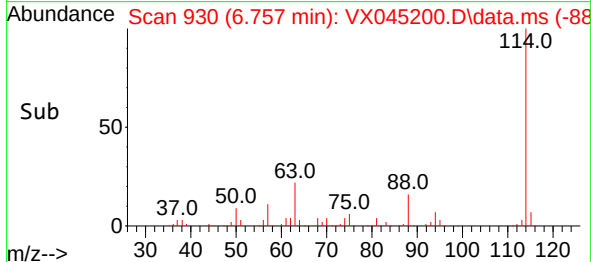
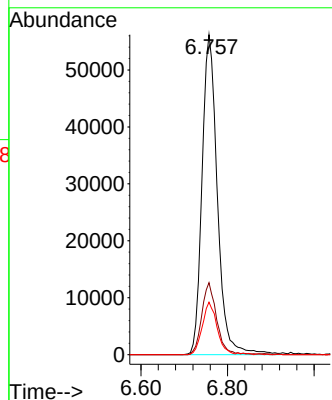
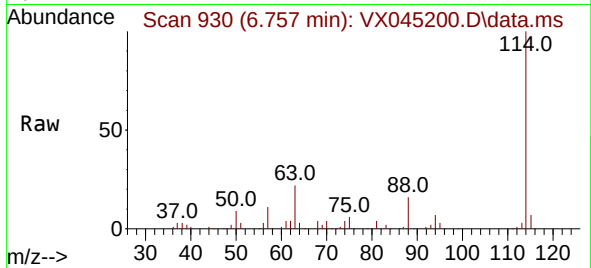




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VX045200.D
 Acq: 10 Mar 2025 16:48

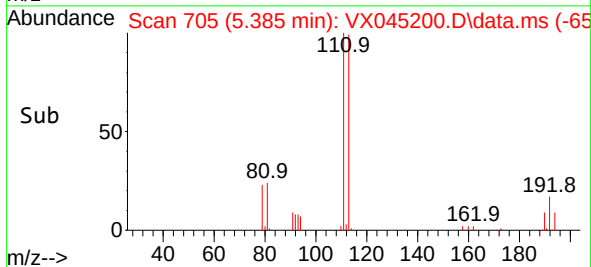
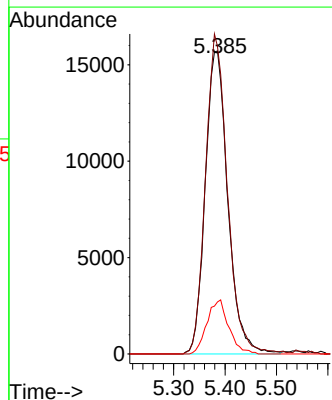
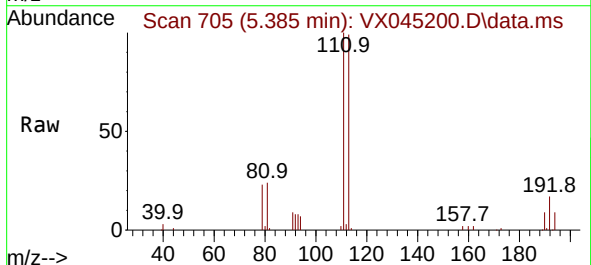
Instrument :
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 ClientSampleId :
 RE103D3-20250306

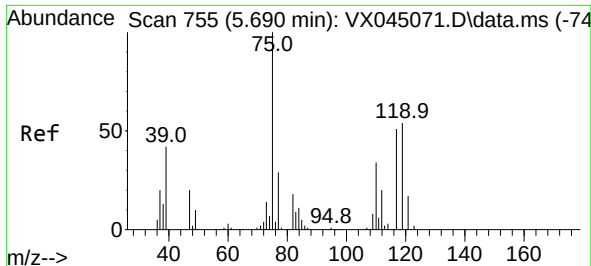
Tgt Ion:114 Resp: 138281
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 41.8
 88 16.4 0.0 32.8



#35
 Dibromofluoromethane
 Concen: 51.922 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: VX045200.D
 Acq: 10 Mar 2025 16:48

Tgt Ion:113 Resp: 48010
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.8 122.6
 192 17.2 14.3 21.5

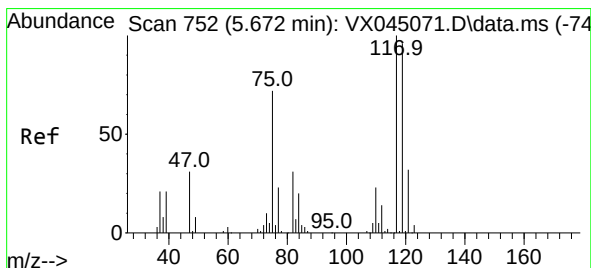
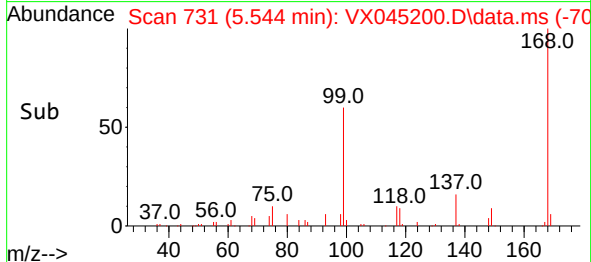
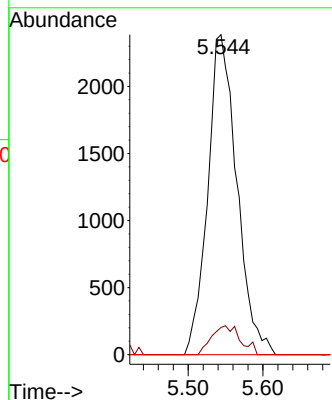
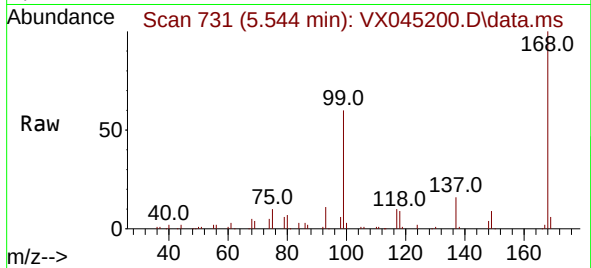




#36
1,1-Dichloropropene
Concen: 5.097 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX045200.D
Acq: 10 Mar 2025 16:48

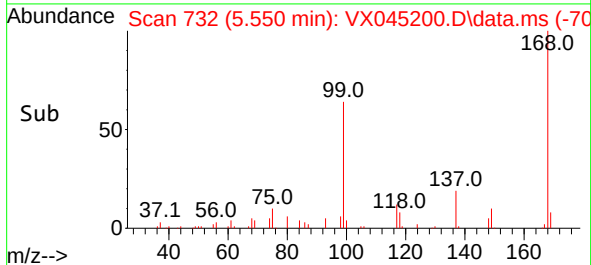
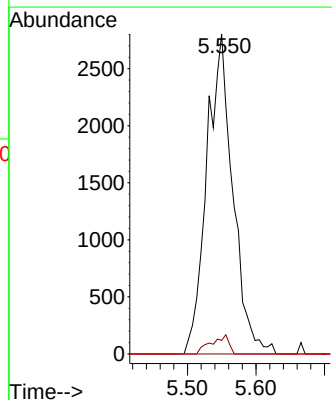
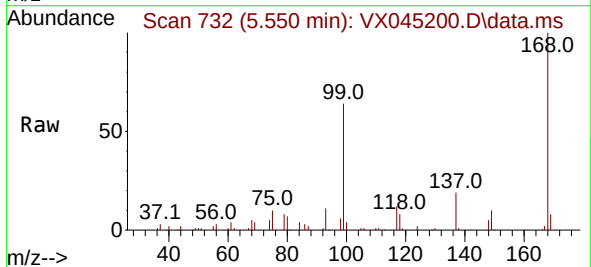
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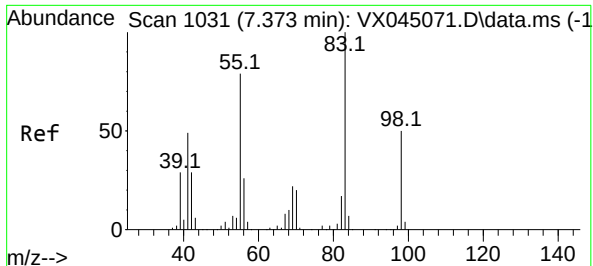
Tgt Ion: 75 Resp: 6463
Ion Ratio Lower Upper
75 100
110 8.9 16.9 50.6#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 5.757 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX045200.D
Acq: 10 Mar 2025 16:48

Tgt Ion: 117 Resp: 7411
Ion Ratio Lower Upper
117 100
119 4.2 76.7 115.1#
121 0.0 25.5 38.3#





#39

Methylcyclohexane

Concen: 1.017 ug/l

RT: 7.117 min Scan# 91

Delta R.T. -0.256 min

Lab File: VX045200.D

Acq: 10 Mar 2025 16:48

Instrument :

MSVOA_X

ClientSampleId :

RE103D3-20250306

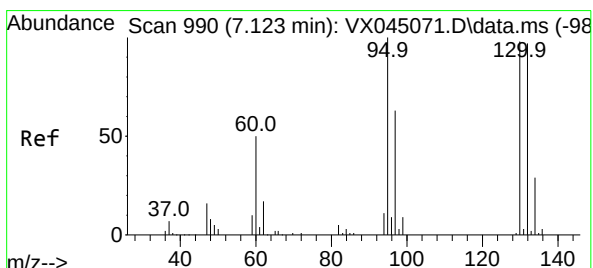
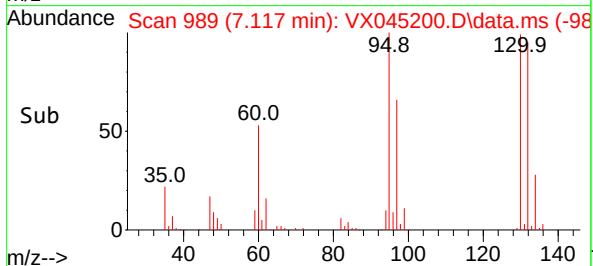
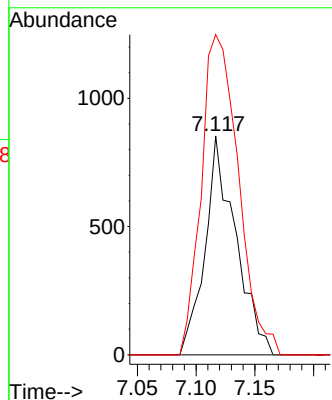
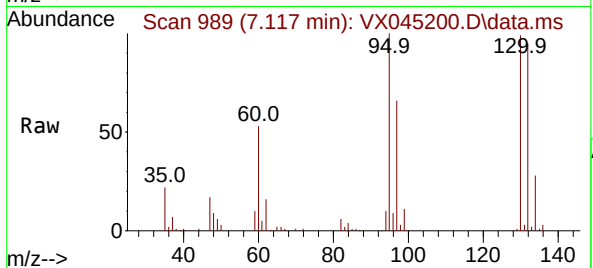
Tgt Ion: 83 Resp: 1545

Ion Ratio Lower Upper

83 100

55 0.0 63.0 94.4#

98 146.3 39.7 59.5#



#44

Trichloroethene

Concen: 116.487 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX045200.D

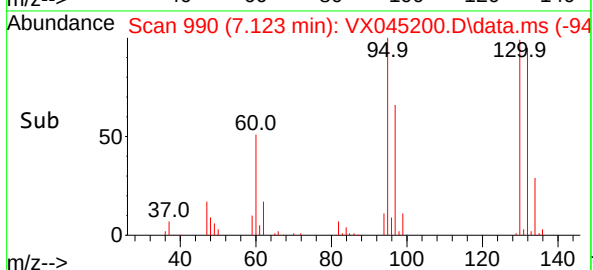
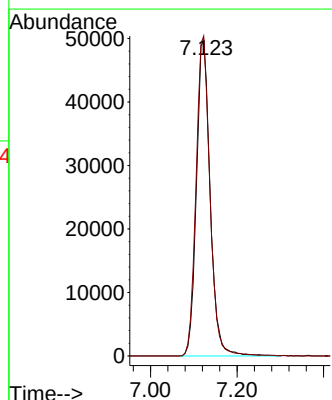
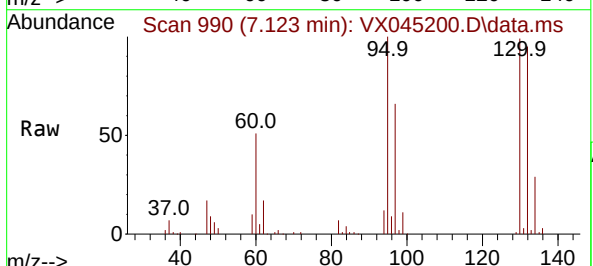
Acq: 10 Mar 2025 16:48

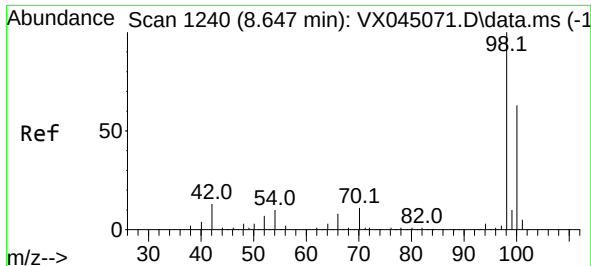
Tgt Ion:130 Resp: 109525

Ion Ratio Lower Upper

130 100

95 101.3 0.0 205.0

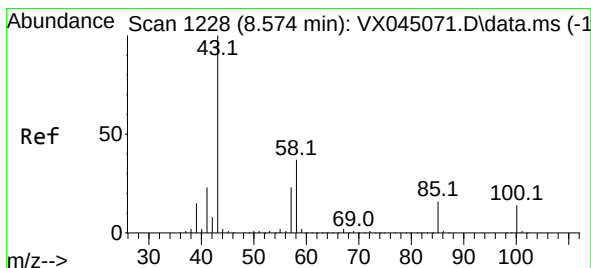
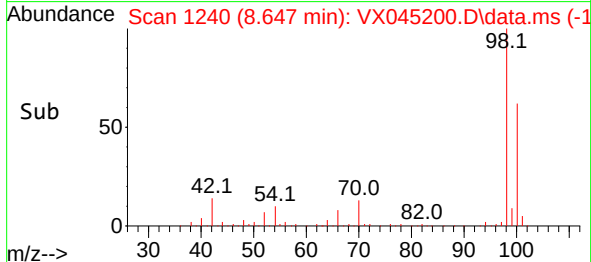
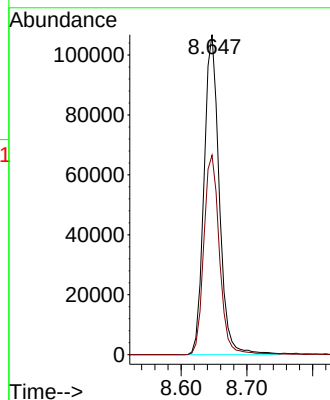
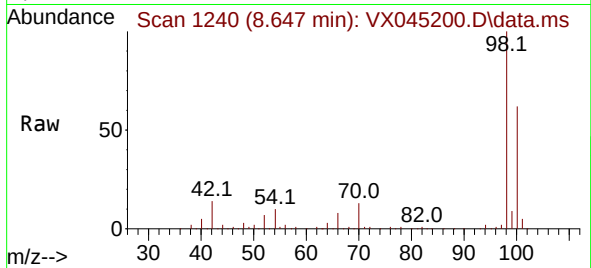




#50
Toluene-d8
Concen: 51.277 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045200.D
Acq: 10 Mar 2025 16:48

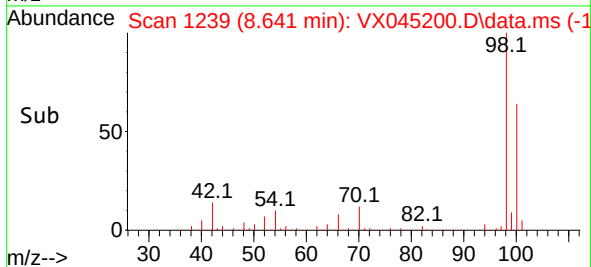
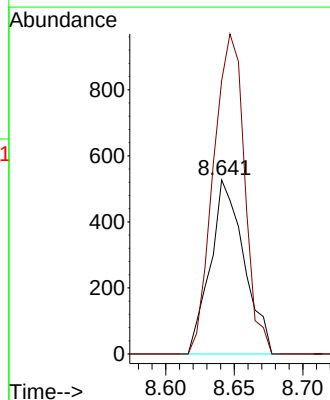
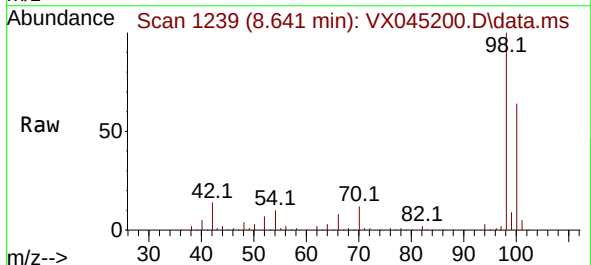
Instrument :
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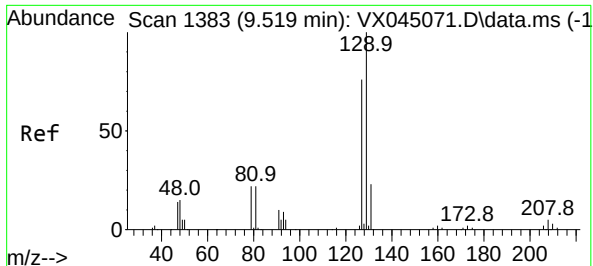
Tgt Ion: 98 Resp: 171889
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.555 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX045200.D
Acq: 10 Mar 2025 16:48

Tgt Ion: 43 Resp: 900
Ion Ratio Lower Upper
43 100
58 170.3 29.2 43.8#

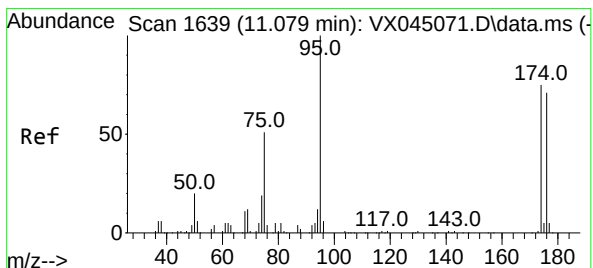
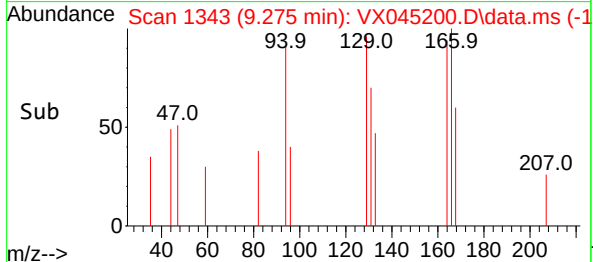
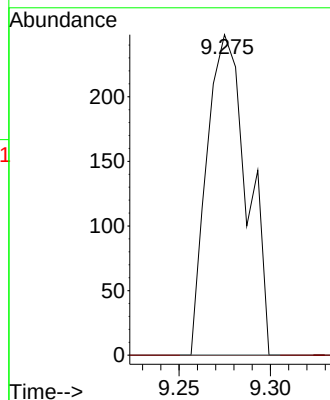
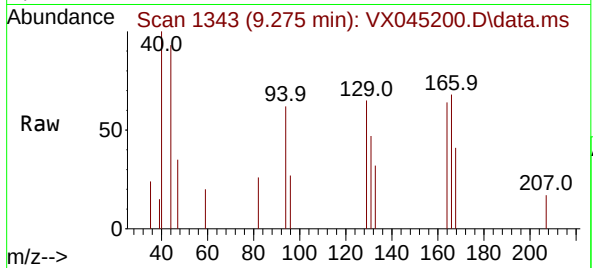




#60
Dibromochloromethane
Concen: 0.376 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX045200.D
Acq: 10 Mar 2025 16:48

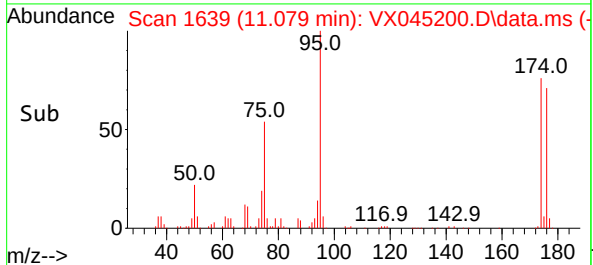
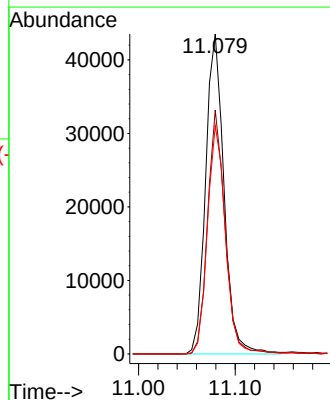
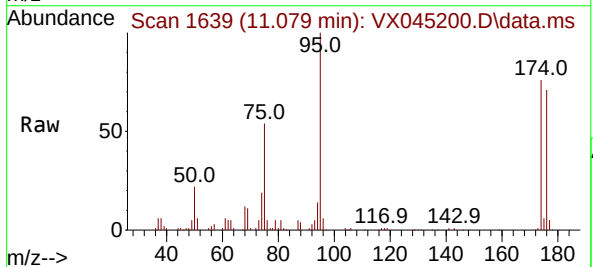
Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20250306

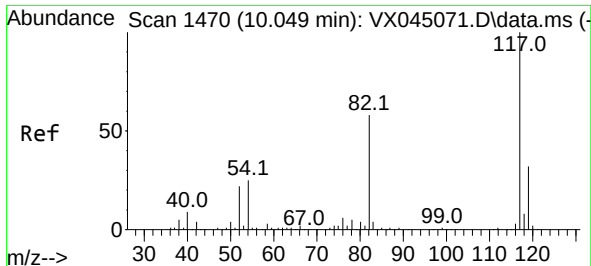
Tgt Ion:129 Resp: 380
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#



#62
4-Bromofluorobenzene
Concen: 51.825 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045200.D
Acq: 10 Mar 2025 16:48

Tgt Ion: 95 Resp: 57568
Ion Ratio Lower Upper
95 100
174 73.1 0.0 148.2
176 70.1 0.0 141.4

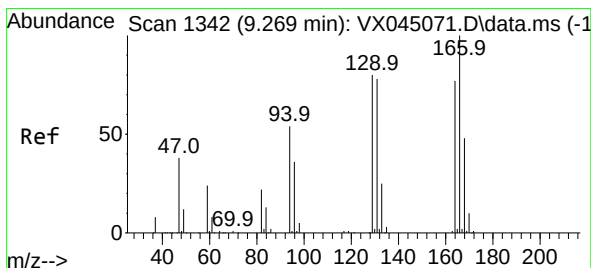
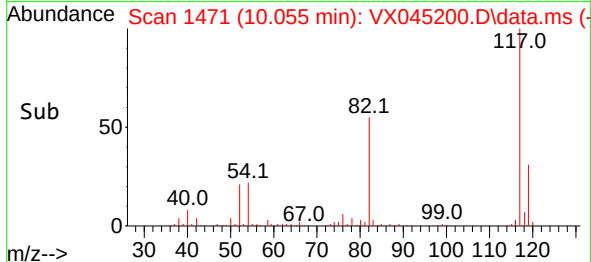
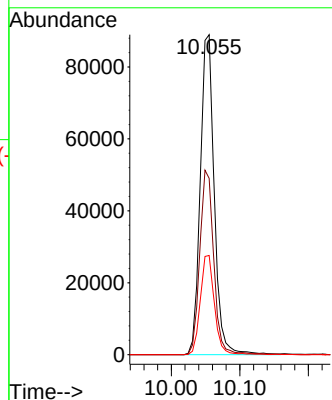
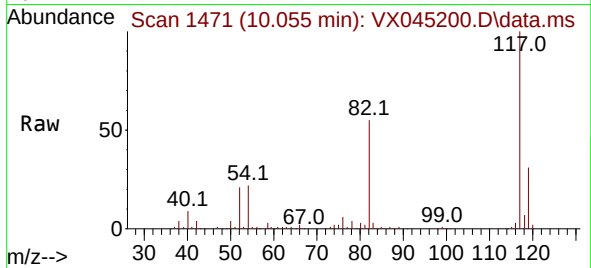




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX045200.D
Acq: 10 Mar 2025 16:48

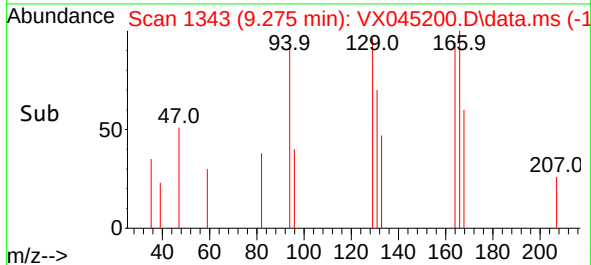
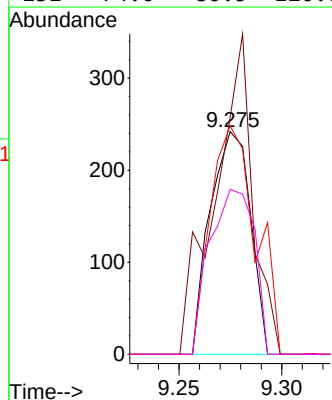
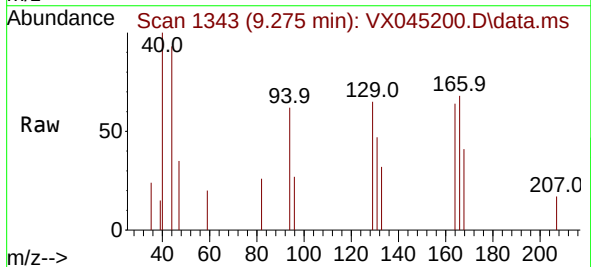
Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20250306

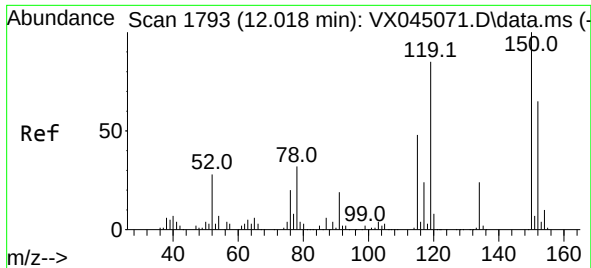
Tgt Ion:117 Resp: 126707
Ion Ratio Lower Upper
117 100
82 55.1 46.3 69.5
119 31.0 25.7 38.5



#64
Tetrachloroethene
Concen: 0.408 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX045200.D
Acq: 10 Mar 2025 16:48

Tgt Ion:164 Resp: 331
Ion Ratio Lower Upper
164 100
166 106.2 103.6 155.4
129 102.5 82.7 124.1
131 74.0 80.5 120.7#

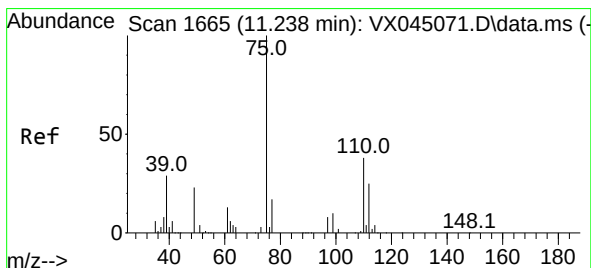
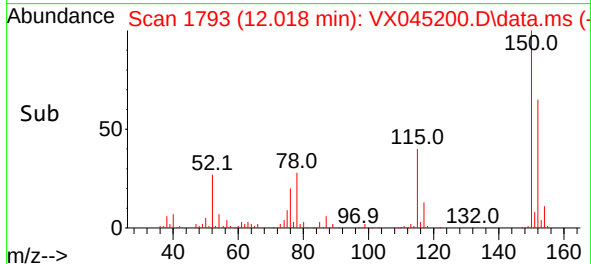
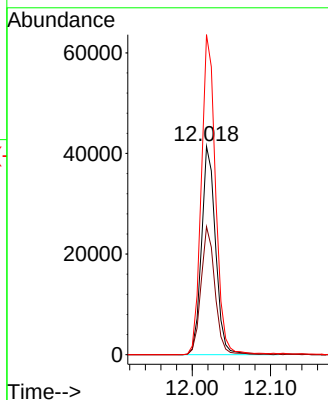
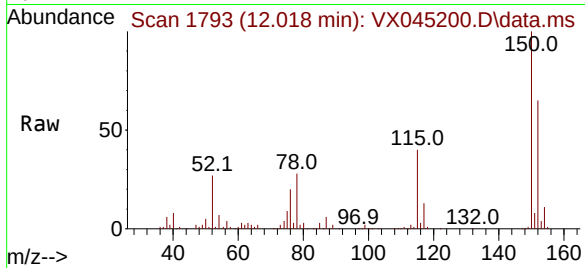




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045200.D
Acq: 10 Mar 2025 16:48

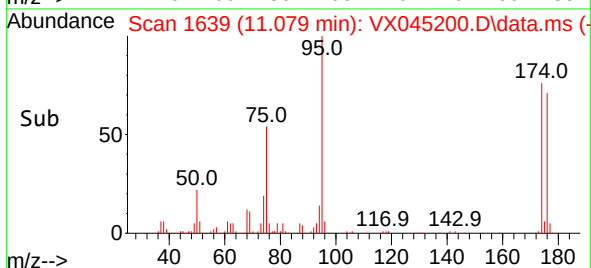
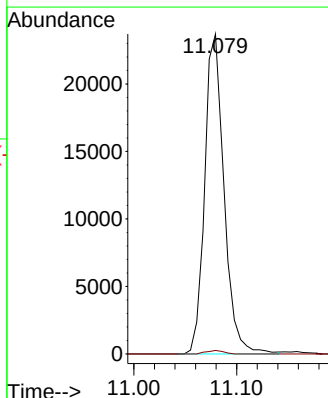
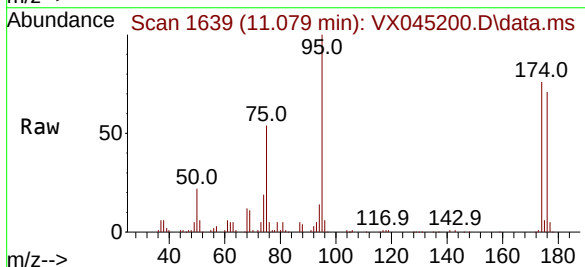
Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20250306

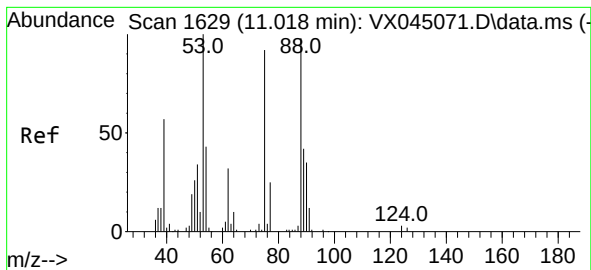
Tgt Ion:152 Resp: 51747
Ion Ratio Lower Upper
152 100
115 60.9 44.2 132.6
150 155.0 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 25.793 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX045200.D
Acq: 10 Mar 2025 16:48

Tgt Ion: 75 Resp: 31066
Ion Ratio Lower Upper
75 100
77 1.0 20.7 62.1#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.270 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX045200.D
 Acq: 10 Mar 2025 16:48

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D3-20250306

Tgt Ion: 75 Resp: 31066
 Ion Ratio Lower Upper
 75 100
 53 0.0 88.5 132.7#
 89 0.0 36.2 54.4#

