

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
 Data File : VX045320.D
 Acq On : 18 Mar 2025 13:17
 Operator : JC/MD
 Sample : Q1559-16DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW4-RE137-20250311DL

Quant Time: Mar 19 01:43:33 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)

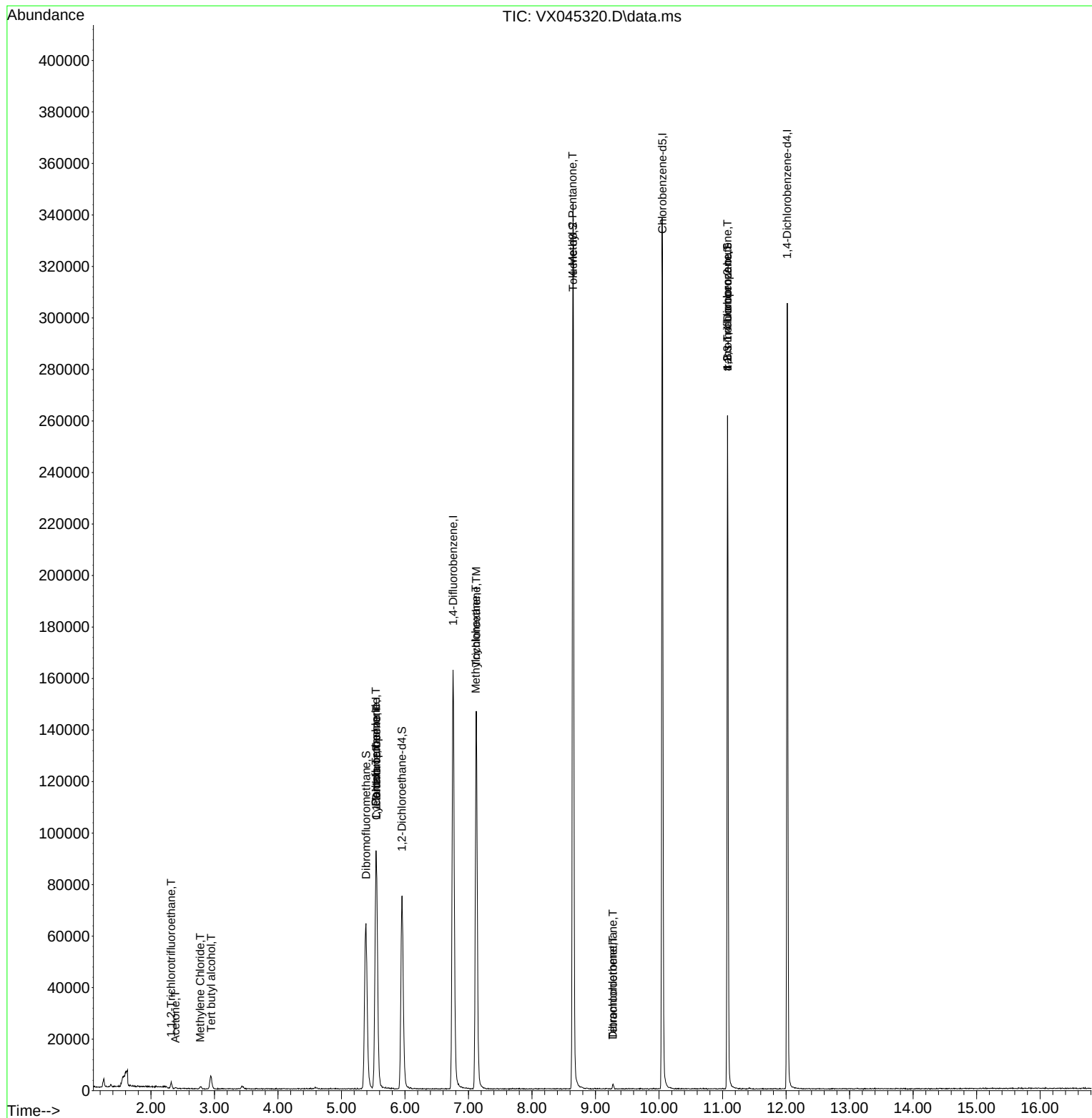
Internal Standards						
1) Pentafluorobenzene	5.544	168	81795	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	159990	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	143282	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	57402	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	71452	54.918	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.840%			
35) Dibromofluoromethane	5.385	113	55892	52.245	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.480%			
50) Toluene-d8	8.647	98	197341	50.882	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.760%			
62) 4-Bromofluorobenzene	11.079	95	67449	52.481	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.960%			
Target Compounds					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.319	101	976	1.027	ug/l	89
11) Tert butyl alcohol	2.947	59	2960	12.011	ug/l #	73
16) Acetone	2.386	43	432	0.716	ug/l #	44
20) Methylene Chloride	2.776	84	295	0.247	ug/l #	70
31) Cyclohexane	5.550	56	2398	1.355	ug/l #	15
36) 1,1-Dichloropropene	5.550	75	7935	5.408	ug/l #	49
38) Carbon Tetrachloride	5.544	117	9035	6.066	ug/l #	15
39) Methylcyclohexane	7.117	83	765	0.435	ug/l #	1
44) Trichloroethene	7.123	130	52371	48.142	ug/l	93
51) 4-Methyl-2-Pentanone	8.641	43	1061	0.565	ug/l #	1
60) Dibromochloromethane	9.275	129	300	0.256	ug/l #	11
64) Tetrachloroethene	9.275	164	349	0.380	ug/l	91
76) 1,2,3-Trichloropropane	11.079	75	36829	27.566	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	36829	94.335	ug/l #	6

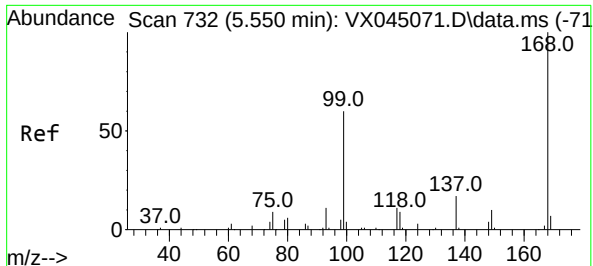
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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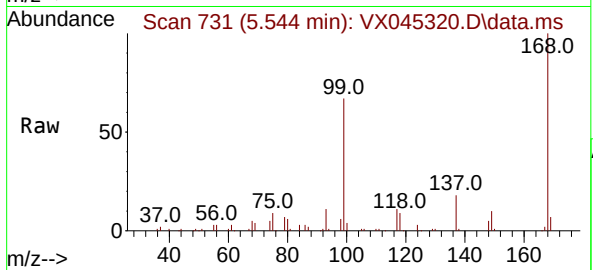
Quant Time: Mar 19 01:43:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
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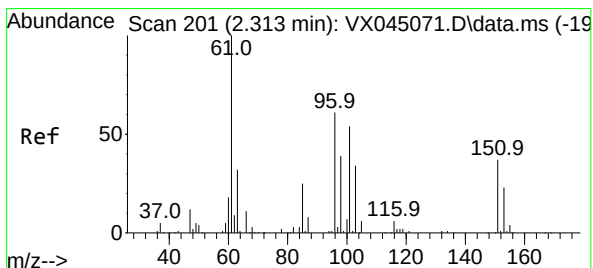
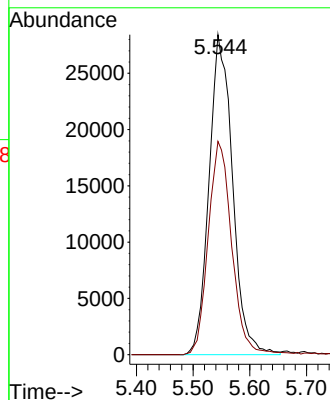
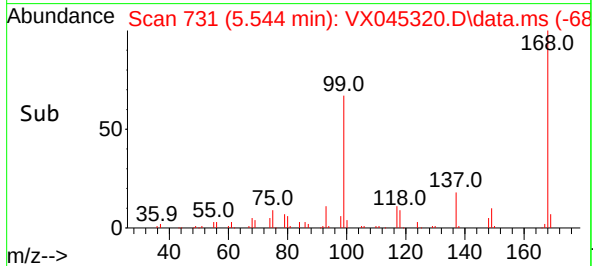


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045320.D
Acq: 18 Mar 2025 13:17

Instrument :
MSVOA_X
ClientSampleId :
RW4-RE137-20250311DL

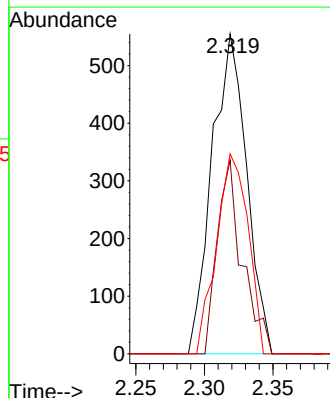
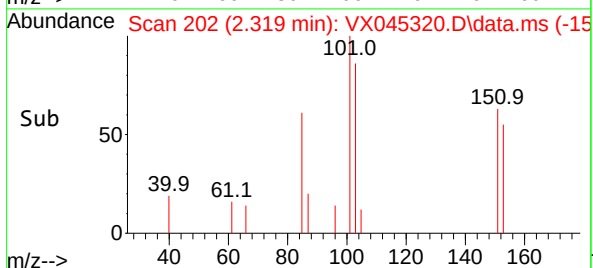
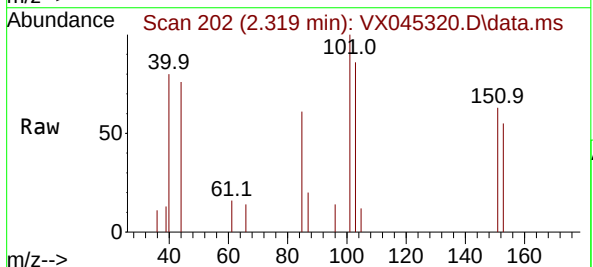


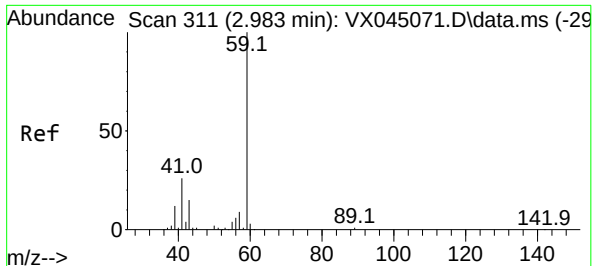
Tgt Ion:168 Resp: 81795
Ion Ratio Lower Upper
168 100
99 66.7 48.2 72.4



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.027 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX045320.D
Acq: 18 Mar 2025 13:17

Tgt Ion:101 Resp: 976
Ion Ratio Lower Upper
101 100
85 43.8 36.2 54.4
151 56.8 56.4 84.6

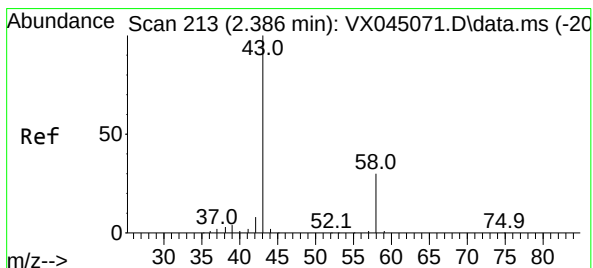
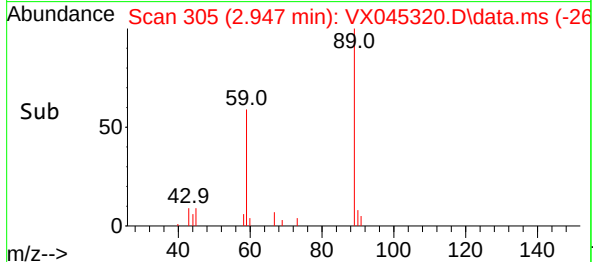
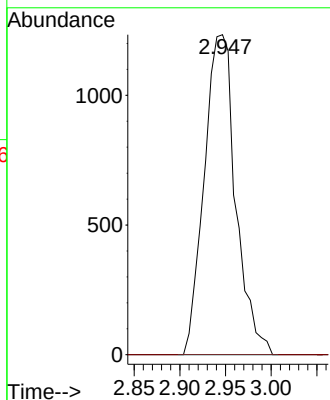
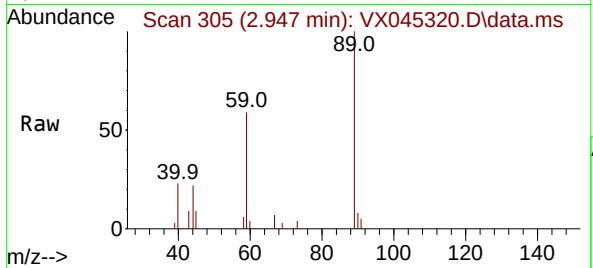




#11
Tert butyl alcohol
Concen: 12.011 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.037 min
Lab File: VX045320.D
Acq: 18 Mar 2025 13:17

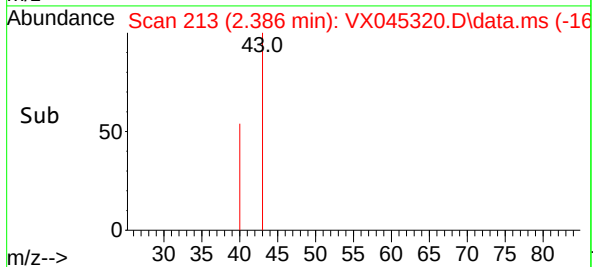
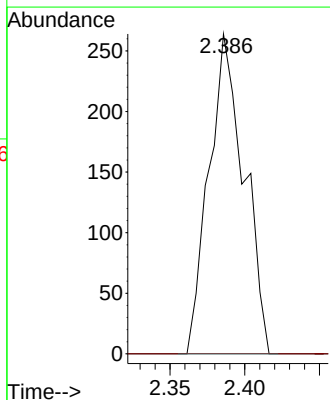
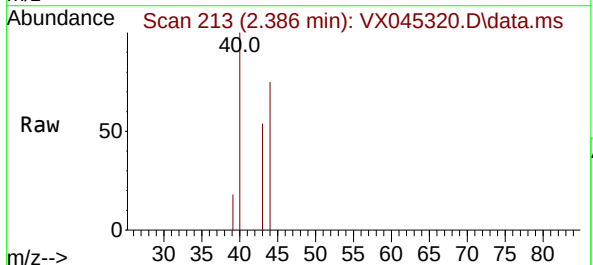
Instrument :
MSVOA_X
ClientSampleId :
RW4-RE137-20250311DL

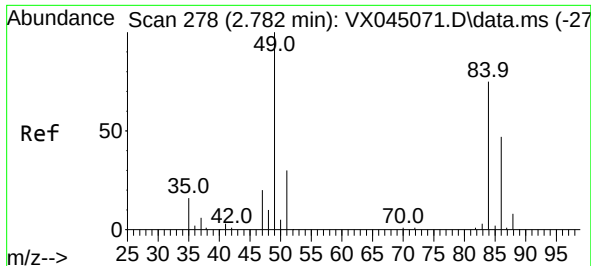
Tgt Ion: 59 Resp: 2960
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 0.716 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045320.D
Acq: 18 Mar 2025 13:17

Tgt Ion: 43 Resp: 432
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.4#

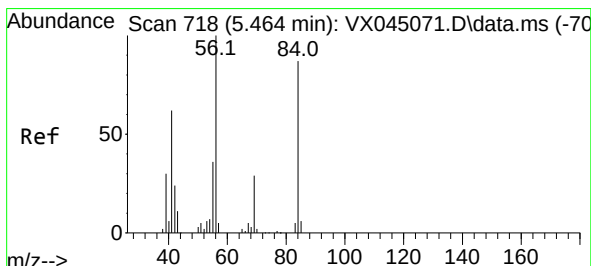
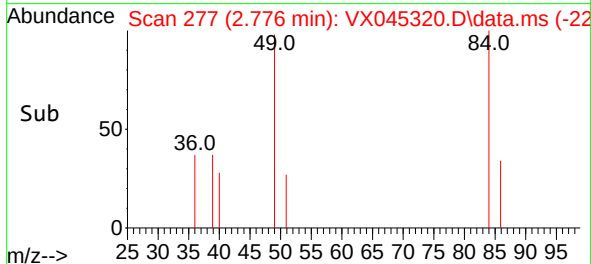
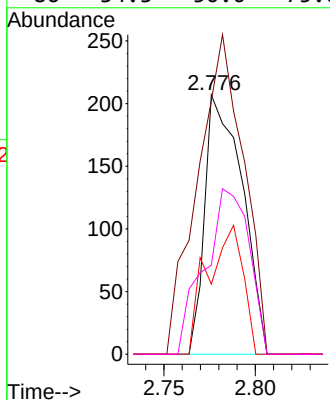
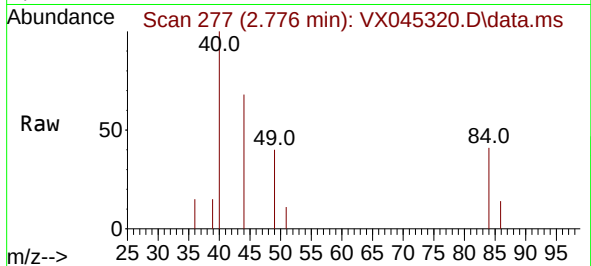




#20
Methylene Chloride
Concen: 0.247 ug/l
RT: 2.776 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX045320.D
Acq: 18 Mar 2025 13:17

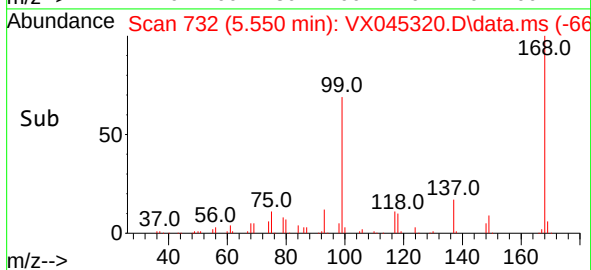
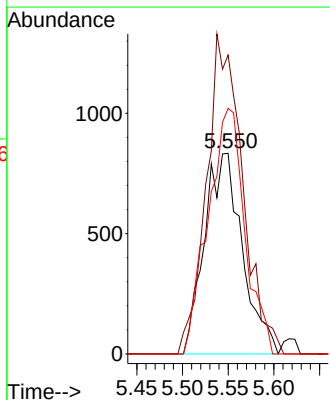
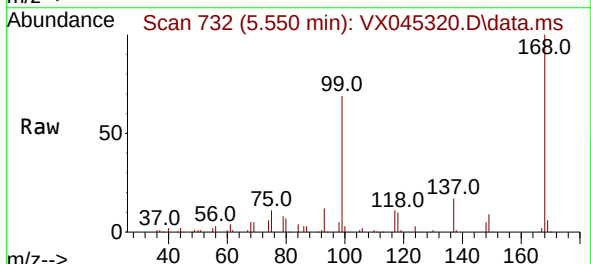
Instrument :
MSVOA_X
ClientSampleId :
RW4-RE137-20250311DL

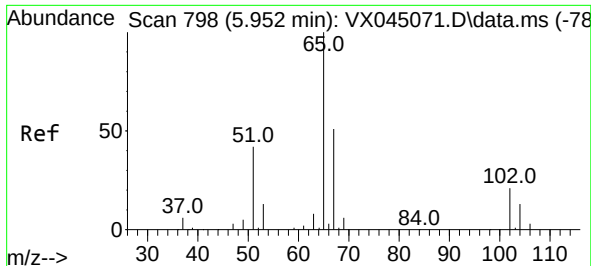
Tgt Ion:	84	Resp:	295
Ion	Ratio	Lower	Upper
84	100		
49	97.6	106.5	159.7#
51	27.1	32.1	48.1#
86	34.3	50.0	75.0#



#31
Cyclohexane
Concen: 1.355 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX045320.D
Acq: 18 Mar 2025 13:17

Tgt Ion:	56	Resp:	2398
Ion	Ratio	Lower	Upper
56	100		
69	148.9	23.4	35.2#
84	122.4	69.4	104.2#

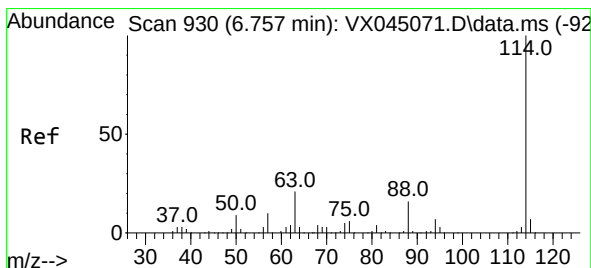
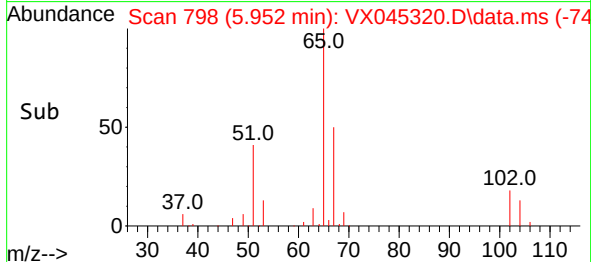
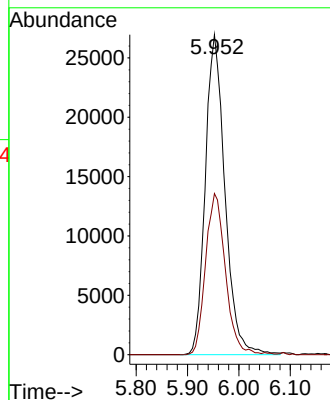
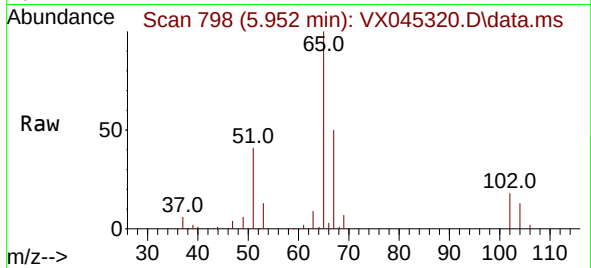




#33
 1,2-Dichloroethane-d4
 Concen: 54.918 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX045320.D
 Acq: 18 Mar 2025 13:17

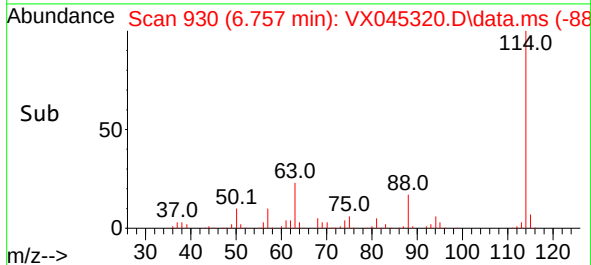
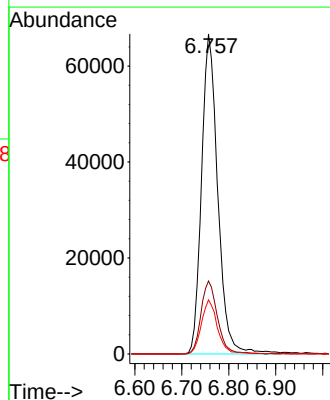
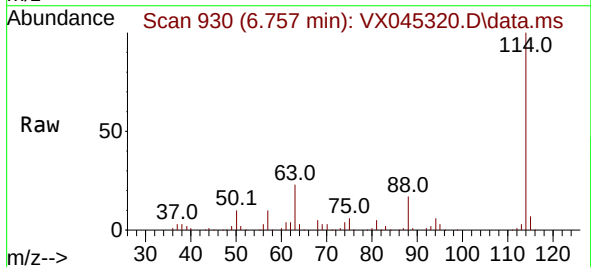
Instrument :
 MSVOA_X
 ClientSampleId :
 RW4-RE137-20250311DL

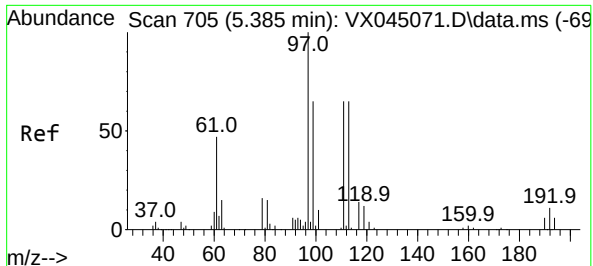
Tgt Ion: 65 Resp: 71452
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX045320.D
 Acq: 18 Mar 2025 13:17

Tgt Ion: 114 Resp: 159990
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 41.8
 88 16.9 0.0 32.8





#35

Dibromofluoromethane

Concen: 52.245 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX045320.D

Acq: 18 Mar 2025 13:17

Instrument :

MSVOA_X

ClientSampleId :

RW4-RE137-20250311DL

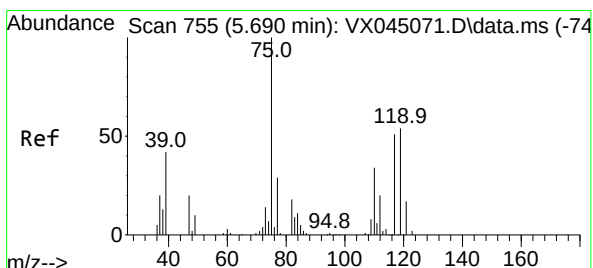
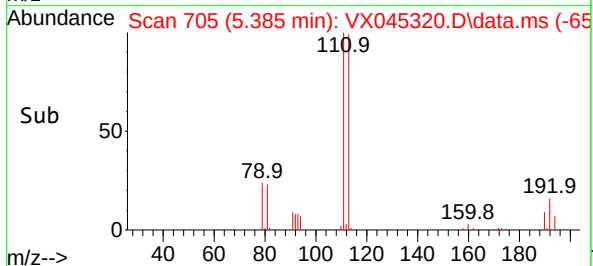
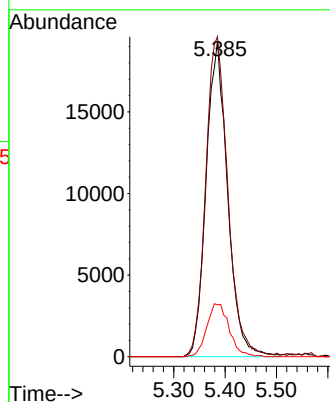
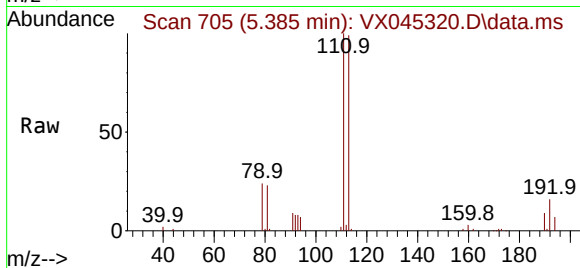
Tgt Ion:113 Resp: 55892

Ion Ratio Lower Upper

113 100

111 104.8 81.8 122.6

192 17.6 14.3 21.5



#36

1,1-Dichloropropene

Concen: 5.408 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX045320.D

Acq: 18 Mar 2025 13:17

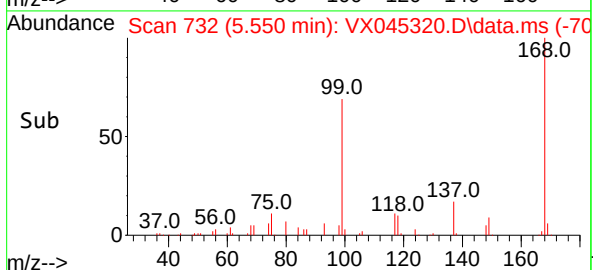
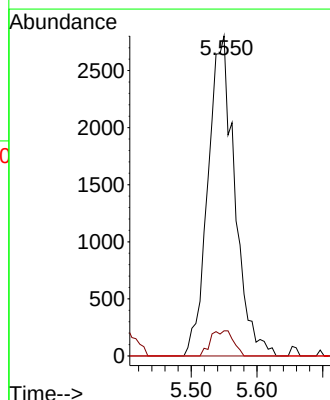
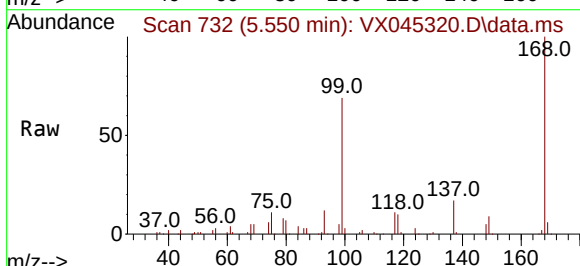
Tgt Ion: 75 Resp: 7935

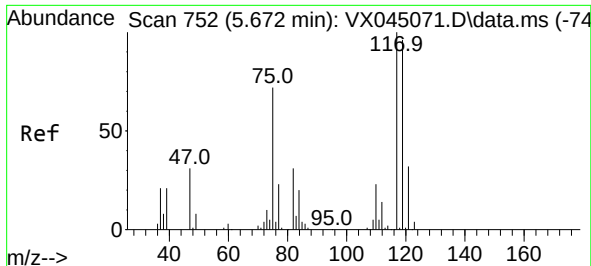
Ion Ratio Lower Upper

75 100

110 6.7 16.9 50.6#

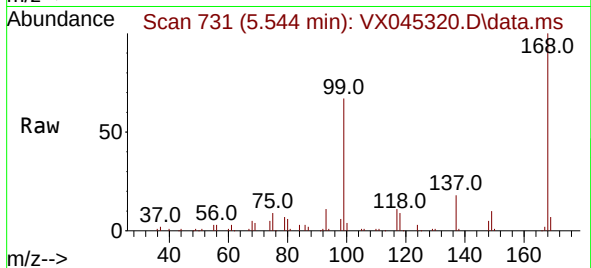
77 0.0 24.5 36.7#



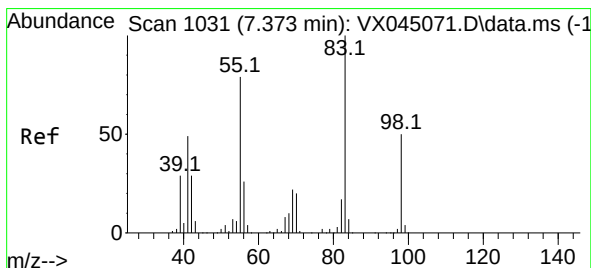
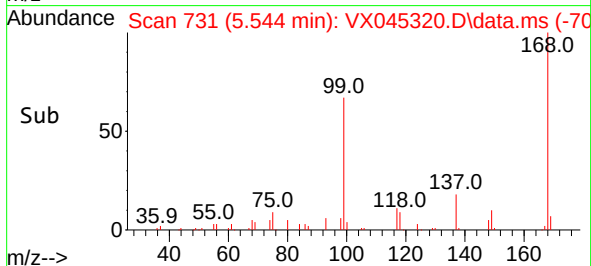
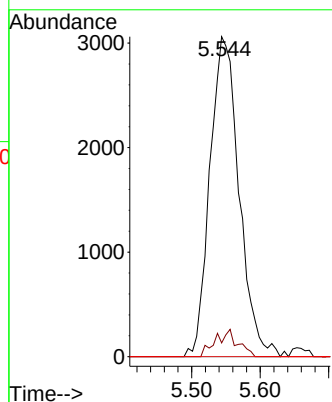


#38
Carbon Tetrachloride
Concen: 6.066 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX045320.D
Acq: 18 Mar 2025 13:17

Instrument :
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ClientSampleId :
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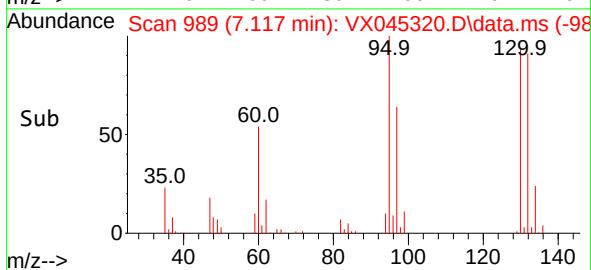
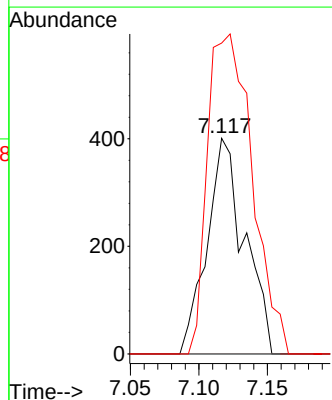
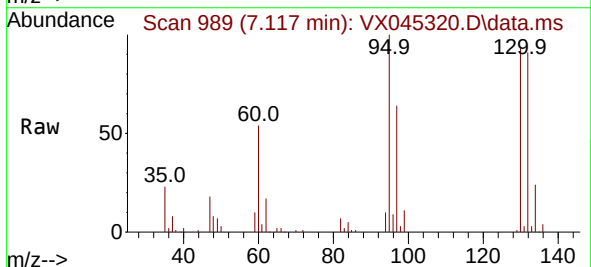


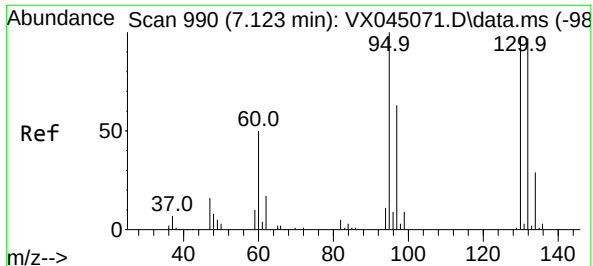
Tgt Ion:117 Resp: 9035
Ion Ratio Lower Upper
117 100
119 4.3 76.7 115.1#
121 0.0 25.5 38.3#



#39
Methylcyclohexane
Concen: 0.435 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.256 min
Lab File: VX045320.D
Acq: 18 Mar 2025 13:17

Tgt Ion: 83 Resp: 765
Ion Ratio Lower Upper
83 100
55 0.0 63.0 94.4#
98 144.1 39.7 59.5#

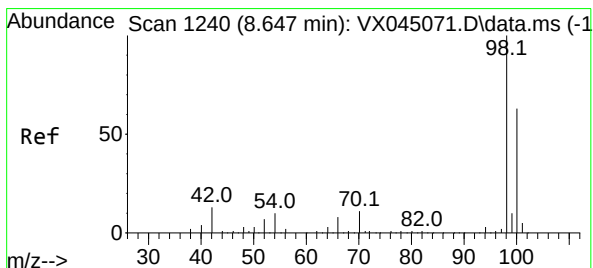
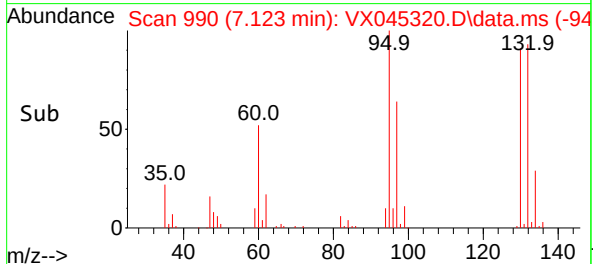
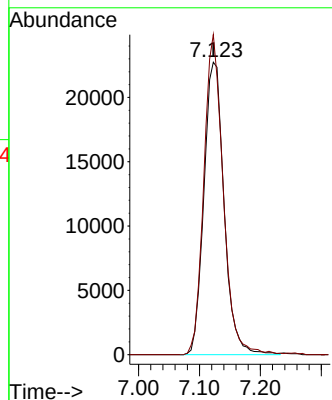
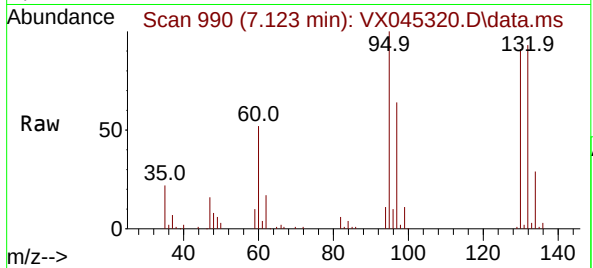




#44
Trichloroethene
Concen: 48.142 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX045320.D
Acq: 18 Mar 2025 13:17

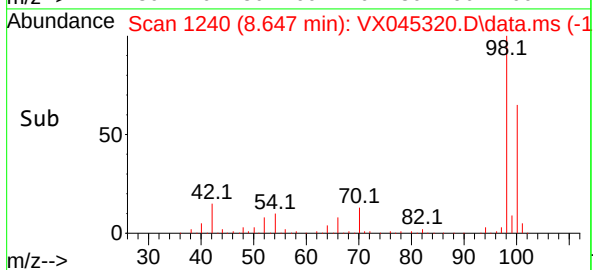
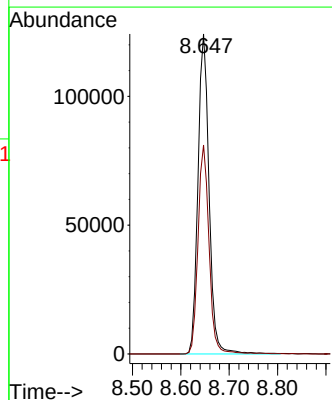
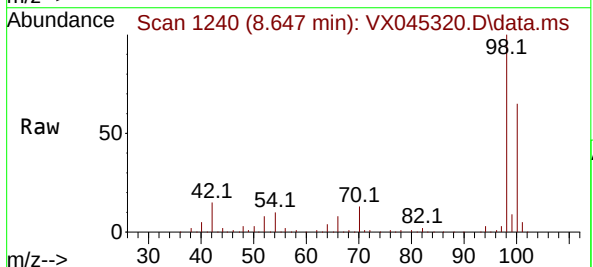
Instrument :
MSVOA_X
ClientSampleId :
RW4-RE137-20250311DL

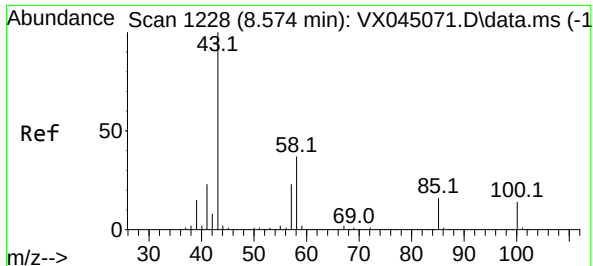
Tgt Ion:130 Resp: 52371
Ion Ratio Lower Upper
130 100
95 109.4 0.0 205.0



#50
Toluene-d8
Concen: 50.882 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045320.D
Acq: 18 Mar 2025 13:17

Tgt Ion: 98 Resp: 197341
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0

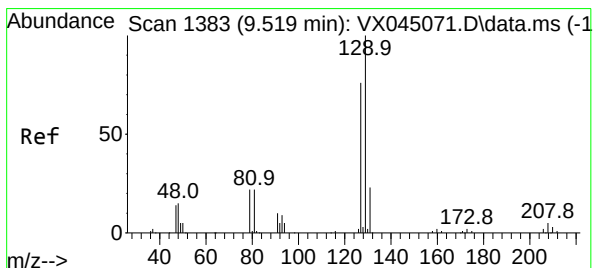
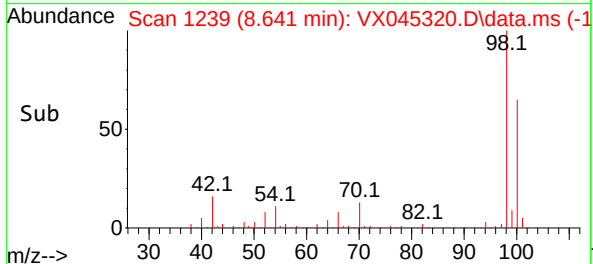
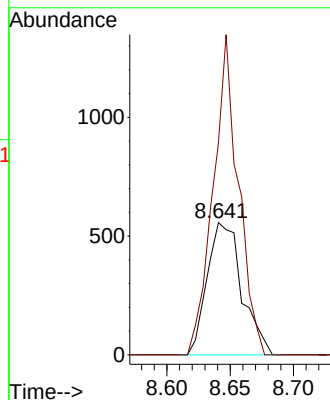
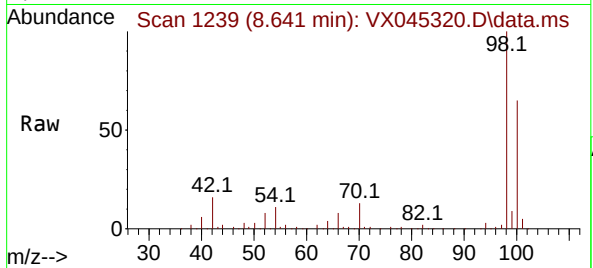




#51
4-Methyl-2-Pentanone
Concen: 0.565 ug/l
RT: 8.641 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX045320.D
Acq: 18 Mar 2025 13:17

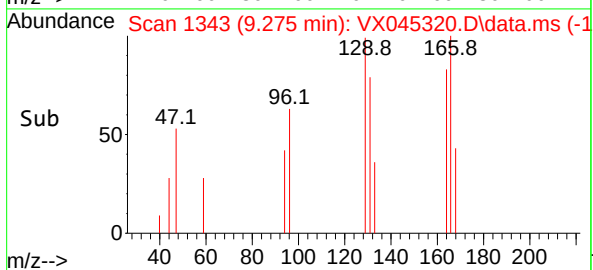
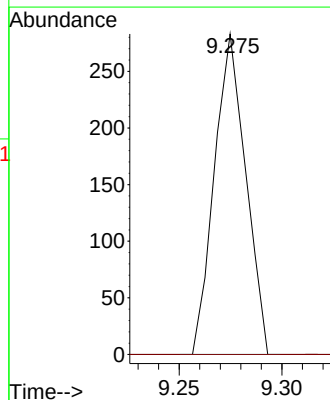
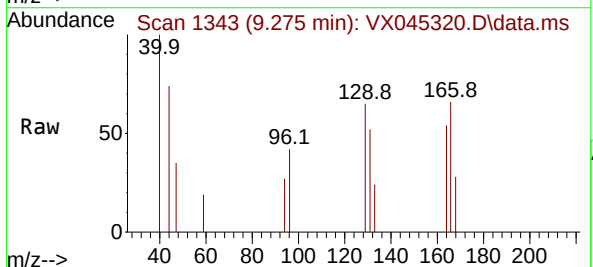
Instrument :
MSVOA_X
ClientSampleId :
RW4-RE137-20250311DL

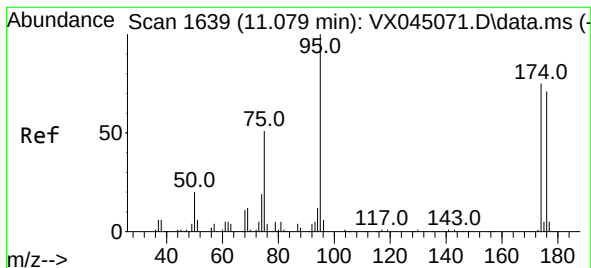
Tgt Ion: 43 Resp: 1061
Ion Ratio Lower Upper
43 100
58 176.4 29.2 43.8#



#60
Dibromochloromethane
Concen: 0.256 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.244 min
Lab File: VX045320.D
Acq: 18 Mar 2025 13:17

Tgt Ion: 129 Resp: 300
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#

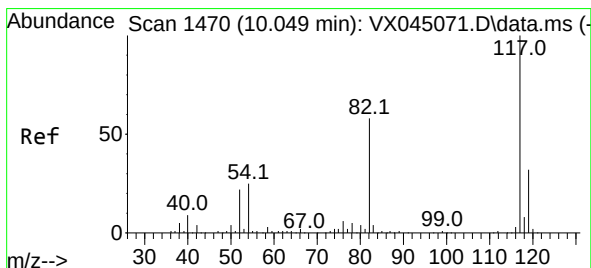
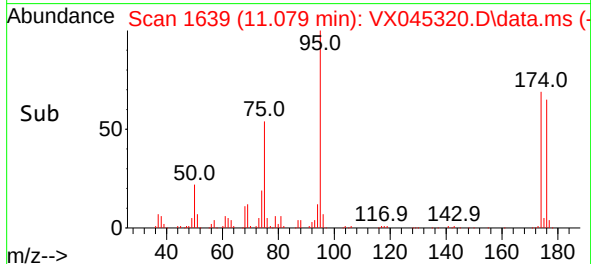
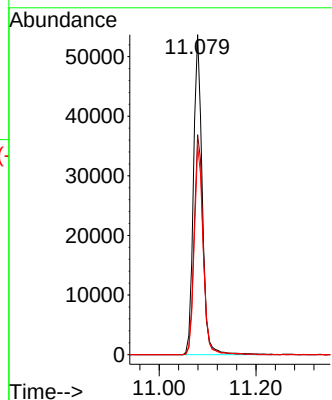
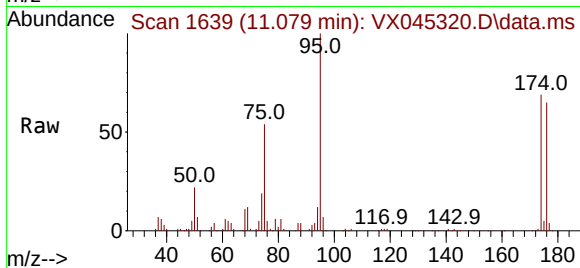




#62
4-Bromofluorobenzene
Concen: 52.481 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045320.D
Acq: 18 Mar 2025 13:17

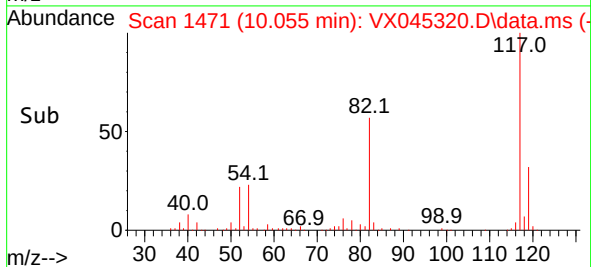
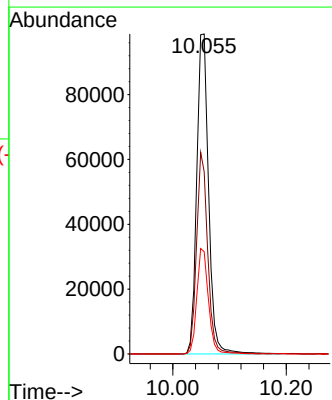
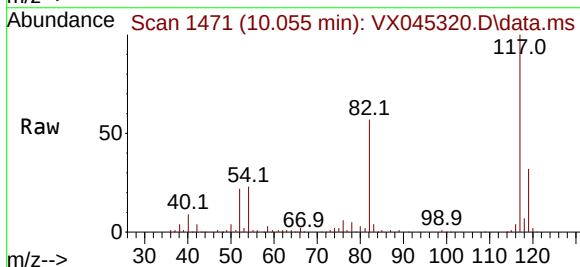
Instrument :
MSVOA_X
ClientSampleId :
RW4-RE137-20250311DL

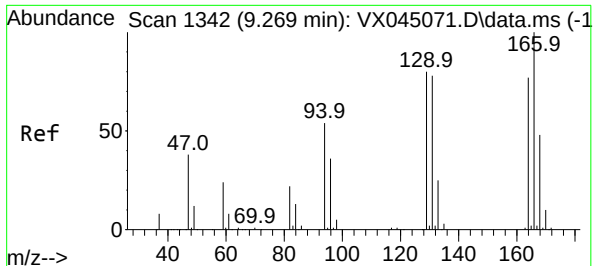
Tgt Ion: 95 Resp: 67449
Ion Ratio Lower Upper
95 100
174 70.6 0.0 148.2
176 66.6 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX045320.D
Acq: 18 Mar 2025 13:17

Tgt Ion: 117 Resp: 143282
Ion Ratio Lower Upper
117 100
82 56.9 46.3 69.5
119 32.0 25.7 38.5

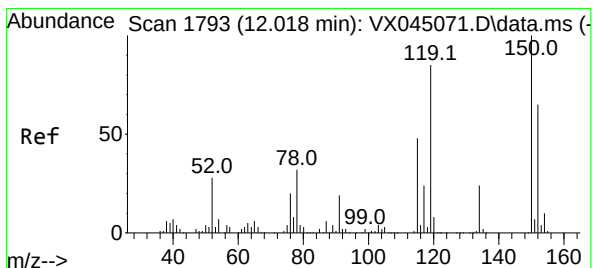
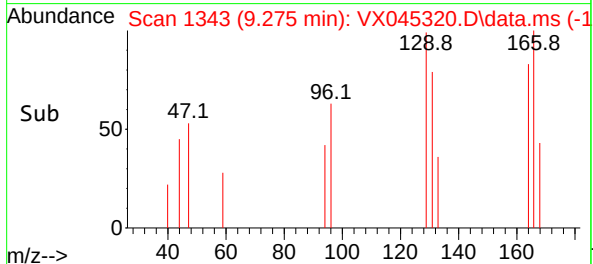
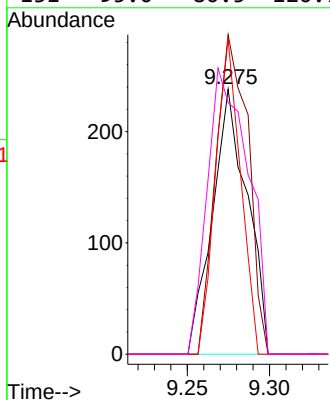
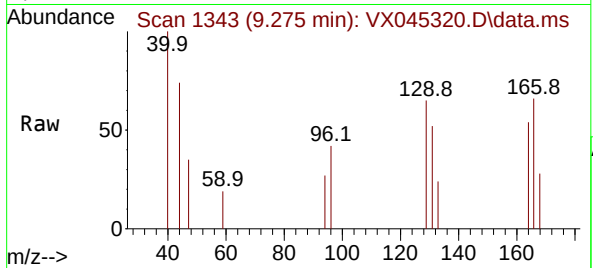




#64
Tetrachloroethene
Concen: 0.380 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045320.D
Acq: 18 Mar 2025 13:17

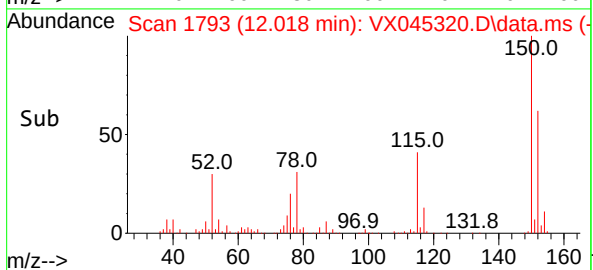
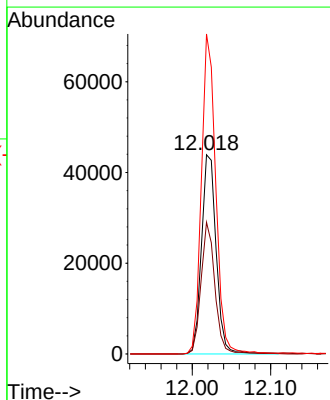
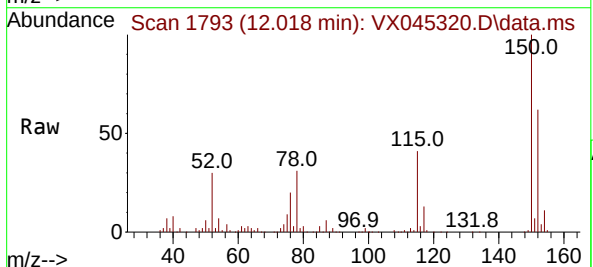
Instrument :
MSVOA_X
ClientSampleId :
RW4-RE137-20250311DL

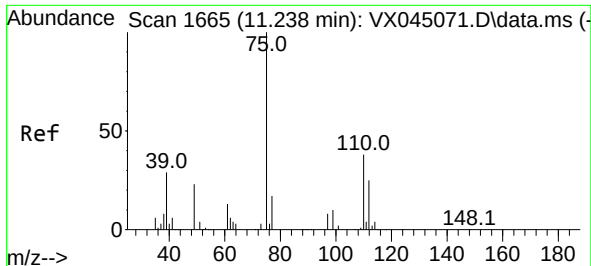
Tgt Ion:164 Resp: 349
Ion Ratio Lower Upper
164 100
166 120.6 103.6 155.4
129 118.9 82.7 124.1
131 95.0 80.5 120.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045320.D
Acq: 18 Mar 2025 13:17

Tgt Ion:152 Resp: 57402
Ion Ratio Lower Upper
152 100
115 62.3 44.2 132.6
150 156.1 0.0 349.0

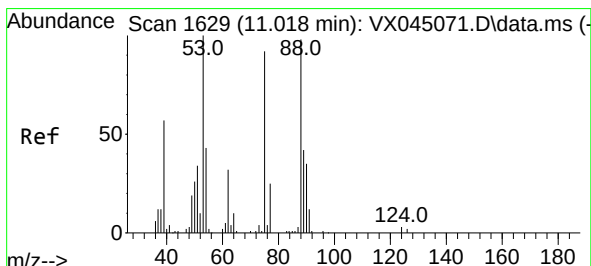
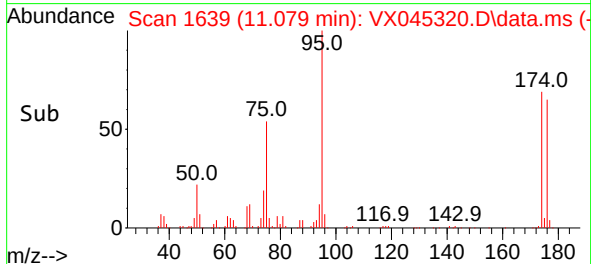
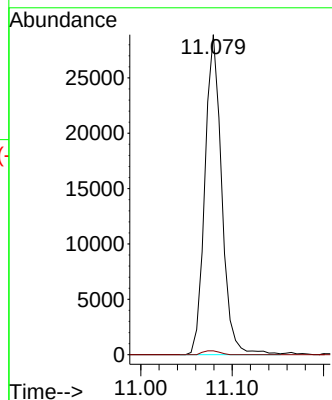
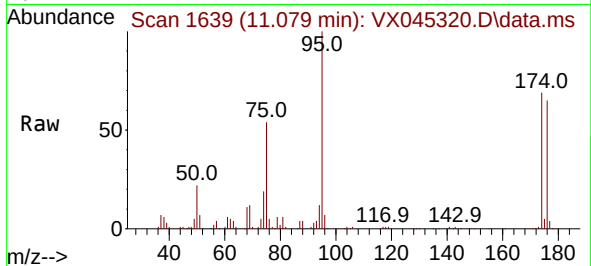




#76
1,2,3-Trichloropropane
Concen: 27.566 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045320.D
Acq: 18 Mar 2025 13:17

Instrument :
MSVOA_X
ClientSampleId :
RW4-RE137-20250311DL

Tgt Ion: 75 Resp: 36829
Ion Ratio Lower Upper
75 100
77 1.2 20.7 62.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 94.335 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045320.D
Acq: 18 Mar 2025 13:17

Tgt Ion: 75 Resp: 36829
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.0 36.2 54.4#

