

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032525\
 Data File : VX045440.D
 Acq On : 25 Mar 2025 15:13
 Operator : JC/MD
 Sample : Q1608-18DL 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D6-20250318DL

Quant Time: Mar 26 01:39:28 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)

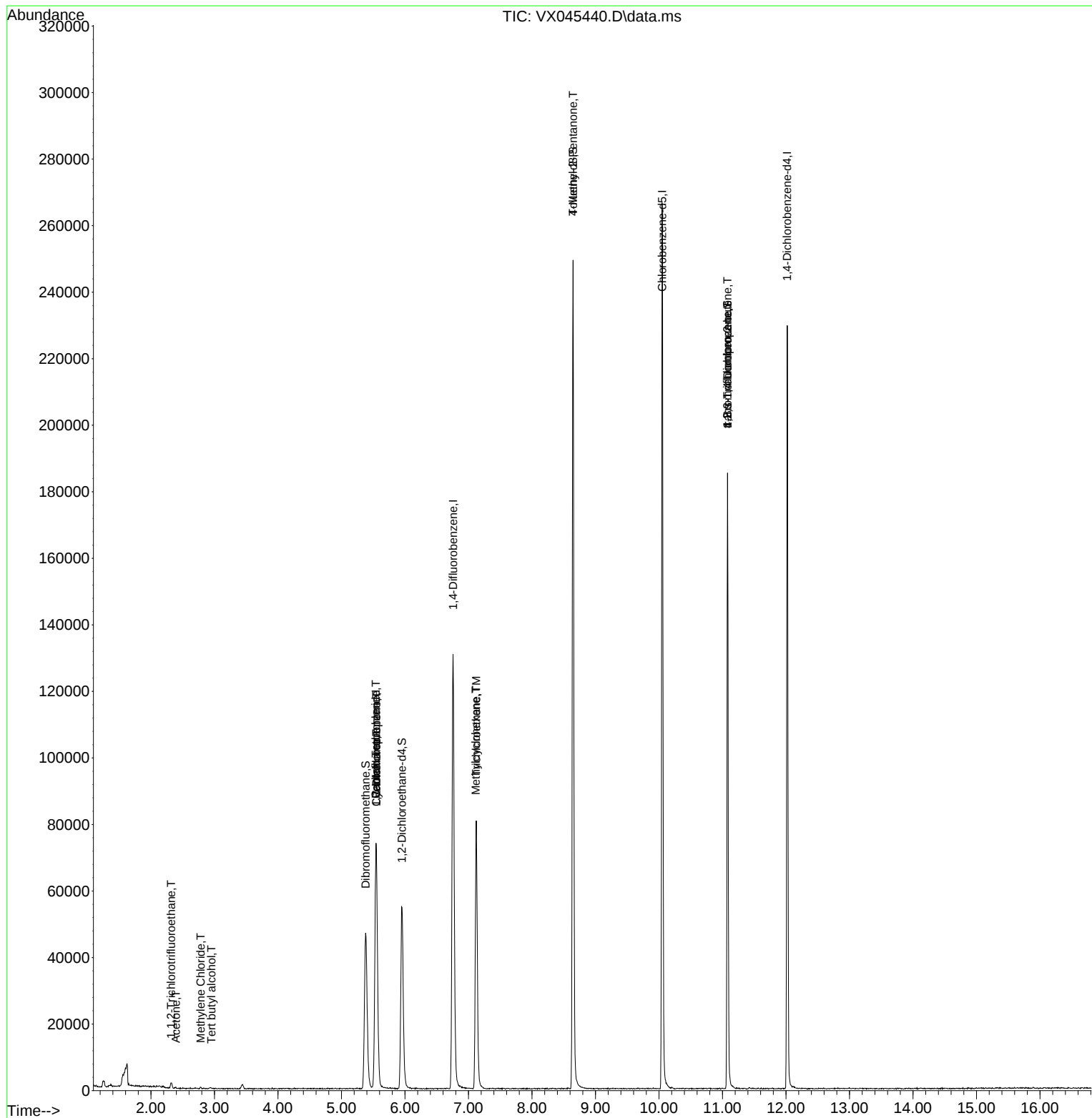
Internal Standards						
1) Pentafluorobenzene	5.544	168	64442	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	126973	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	112628	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	42200	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	54937	53.595	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.180%			
35) Dibromofluoromethane	5.379	113	40935	48.214	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.420%			
50) Toluene-d8	8.647	98	144639	46.990	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 93.980%			
62) 4-Bromofluorobenzene	11.079	95	48609	47.657	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 95.320%			
Target Compounds			Qvalue			
9) 1,1,2-Trichlorotrifluo...	2.319	101	597	0.797	ug/l	91
11) Tert butyl alcohol	2.953	59	42	0.216	ug/l #	73
16) Acetone	2.392	43	255	0.536	ug/l #	44
20) Methylene Chloride	2.782	84	279	0.296	ug/l #	76
31) Cyclohexane	5.550	56	2065	1.481	ug/l #	50
36) 1,1-Dichloropropene	5.550	75	6394	5.491	ug/l #	49
38) Carbon Tetrachloride	5.544	117	7672	6.490	ug/l #	16
39) Methylcyclohexane	7.117	83	360	0.258	ug/l #	1
44) Trichloroethene	7.123	130	28976	33.562	ug/l	94
51) 4-Methyl-2-Pentanone	8.647	43	760	0.510	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	27246	27.740	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	27246	94.930	ug/l #	6

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

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MSVOA_X
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RE132D6-20250318DL

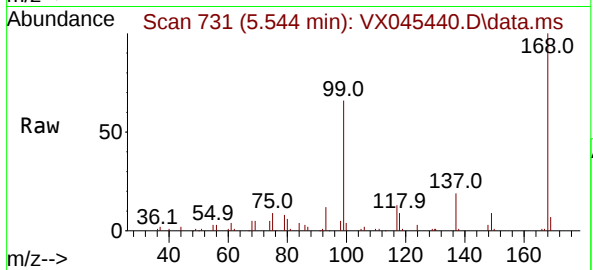
Quant Time: Mar 26 01:39:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
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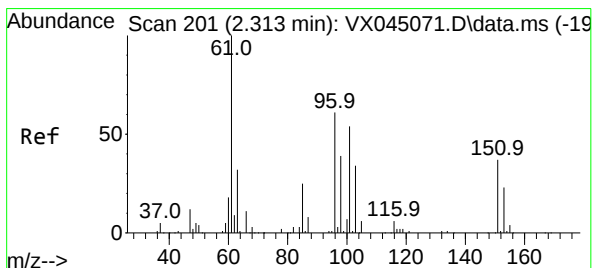
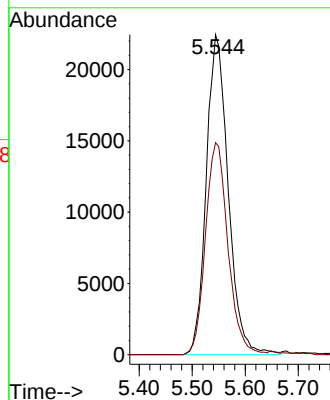
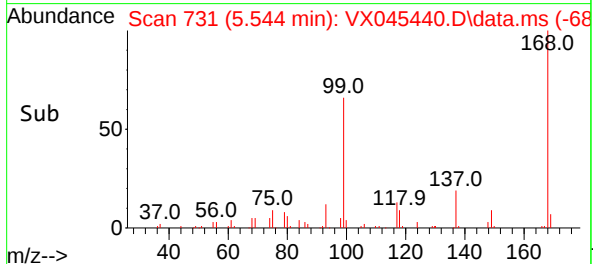


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045440.D
Acq: 25 Mar 2025 15:13

Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20250318DL

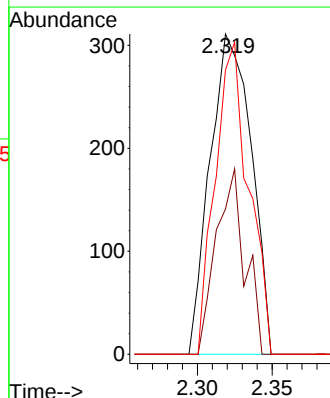
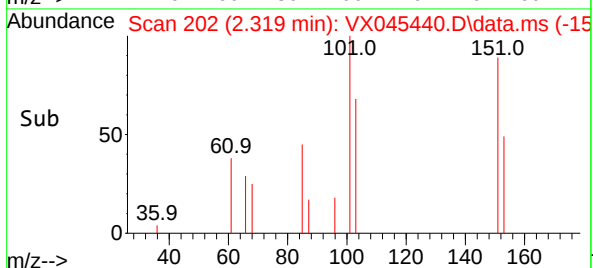
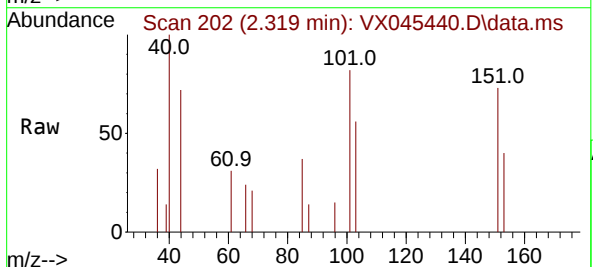


Tgt Ion:168 Resp: 64442
Ion Ratio Lower Upper
168 100
99 66.3 48.2 72.4



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.797 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX045440.D
Acq: 25 Mar 2025 15:13

Tgt Ion:101 Resp: 597
Ion Ratio Lower Upper
101 100
85 40.4 36.2 54.4
151 79.1 56.4 84.6





#11

Tert butyl alcohol

Concen: 0.216 ug/l

RT: 2.953 min Scan# 306

Delta R.T. -0.030 min

Lab File: VX045440.D

Acq: 25 Mar 2025 15:13

Instrument :

MSVOA_X

ClientSampleId :

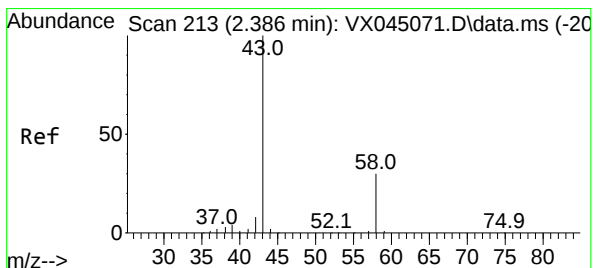
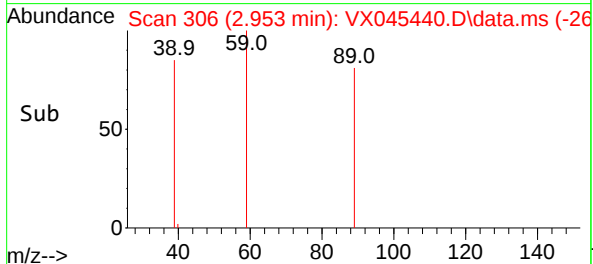
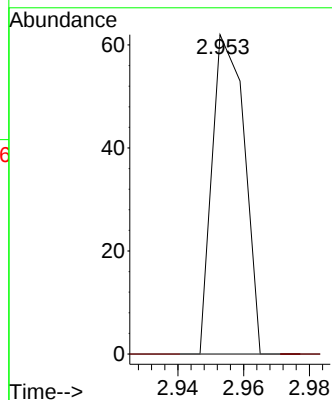
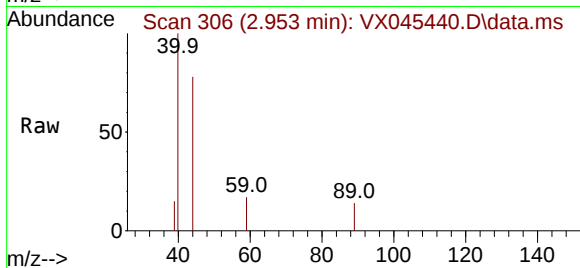
RE132D6-20250318DL

Tgt Ion: 59 Resp: 42

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



#16

Acetone

Concen: 0.536 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.006 min

Lab File: VX045440.D

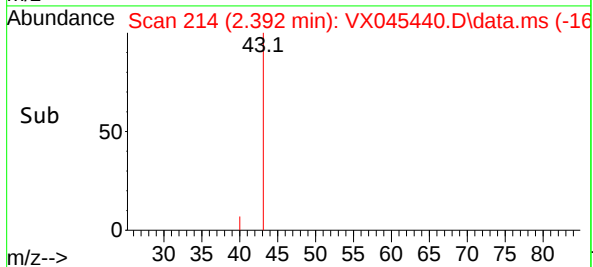
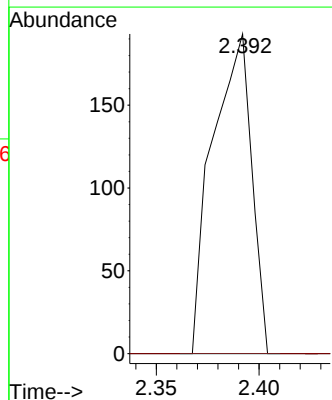
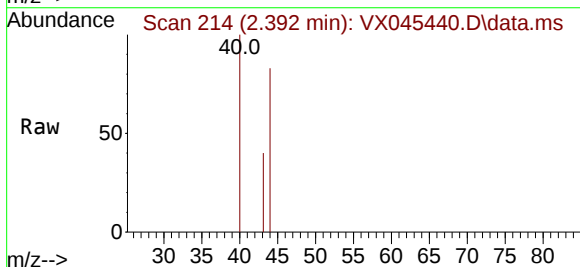
Acq: 25 Mar 2025 15:13

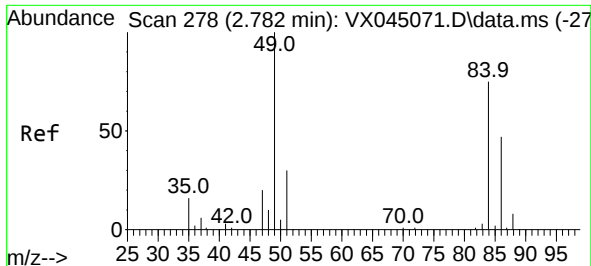
Tgt Ion: 43 Resp: 255

Ion Ratio Lower Upper

43 100

58 0.0 24.2 36.4#





#20

Methylene Chloride

Concen: 0.296 ug/l

RT: 2.782 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX045440.D

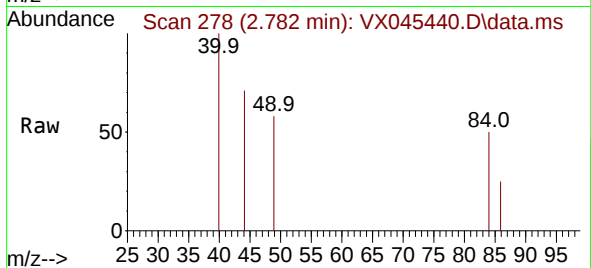
Acq: 25 Mar 2025 15:13

Instrument :

MSVOA_X

ClientSampleId :

RE132D6-20250318DL



Tgt Ion: 84 Resp: 279

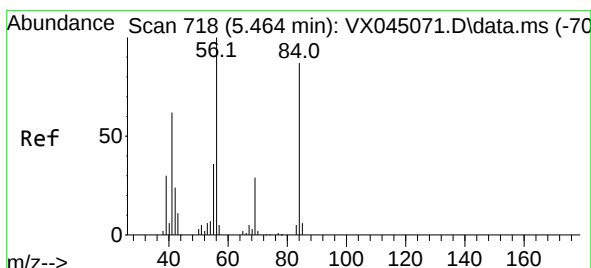
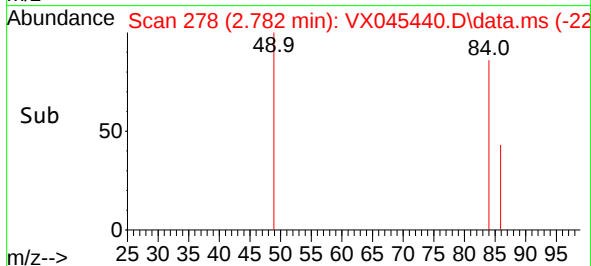
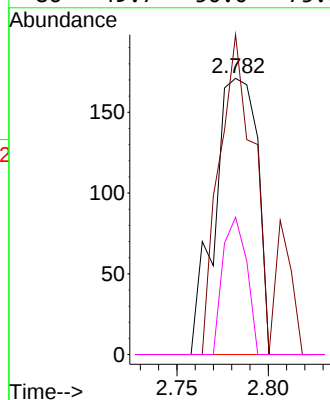
Ion Ratio Lower Upper

84 100

49 115.8 106.5 159.7

51 0.0 32.1 48.1#

86 49.7 50.0 75.0#



#31

Cyclohexane

Concen: 1.481 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.085 min

Lab File: VX045440.D

Acq: 25 Mar 2025 15:13

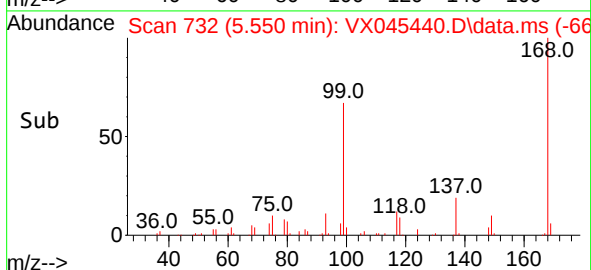
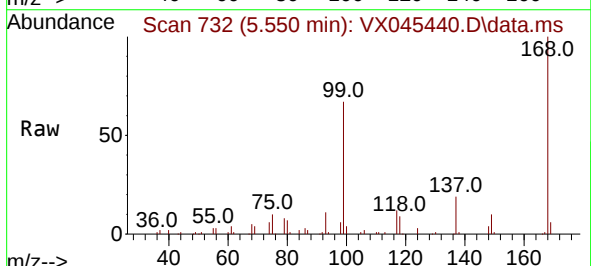
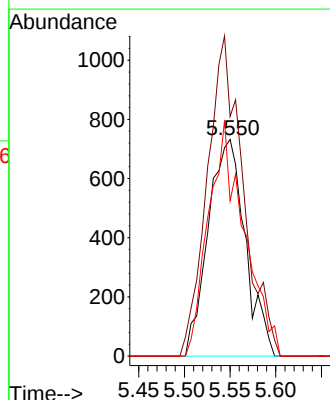
Tgt Ion: 56 Resp: 2065

Ion Ratio Lower Upper

56 100

69 110.7 23.4 35.2#

84 71.7 69.4 104.2





#33

1,2-Dichloroethane-d4

Concen: 53.595 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045440.D

Acq: 25 Mar 2025 15:13

Instrument :

MSVOA_X

ClientSampleId :

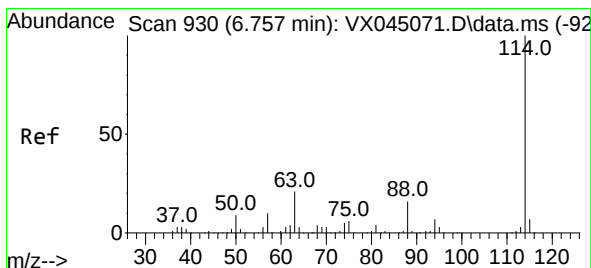
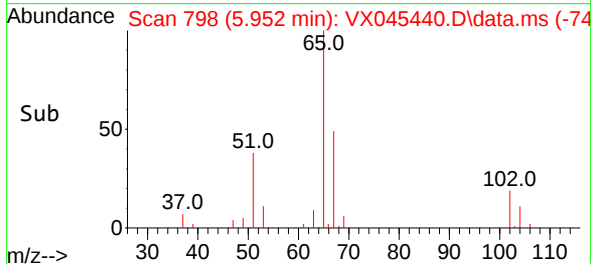
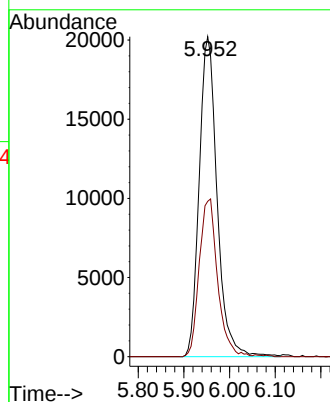
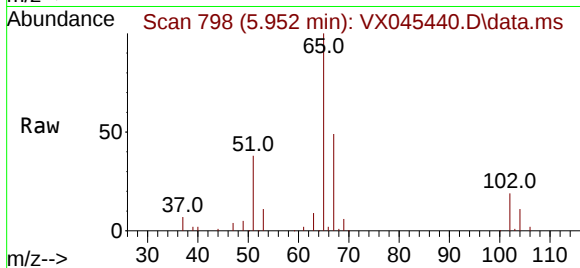
RE132D6-20250318DL

Tgt Ion: 65 Resp: 54937

Ion Ratio Lower Upper

65 100

67 50.5 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: VX045440.D

Acq: 25 Mar 2025 15:13

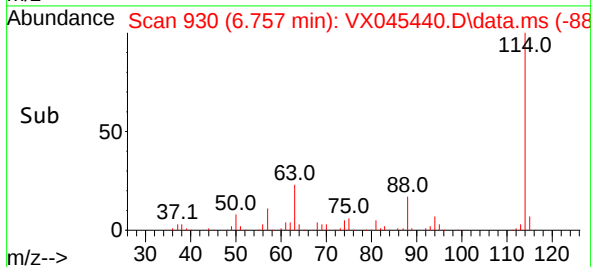
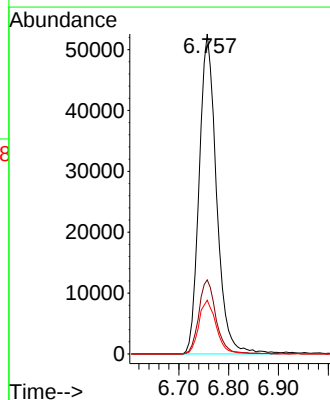
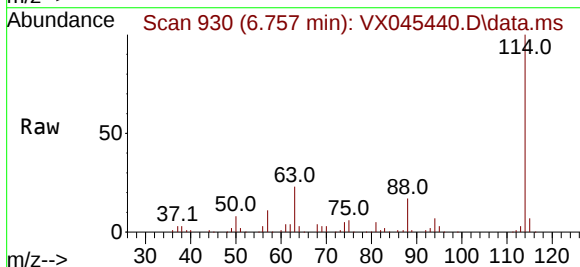
Tgt Ion: 114 Resp: 126973

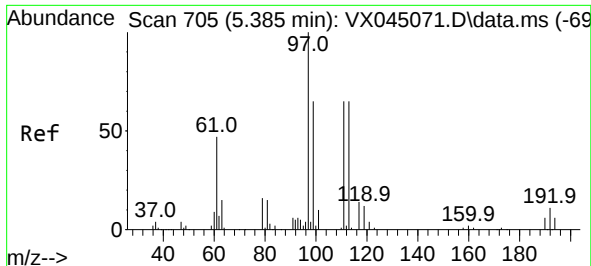
Ion Ratio Lower Upper

114 100

63 23.2 0.0 41.8

88 16.8 0.0 32.8

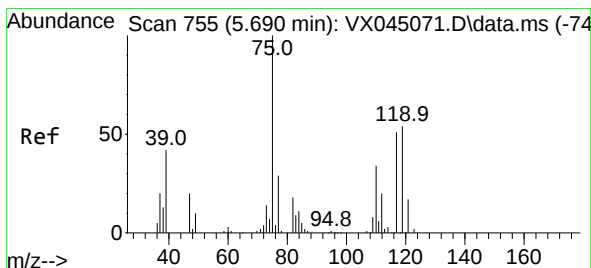
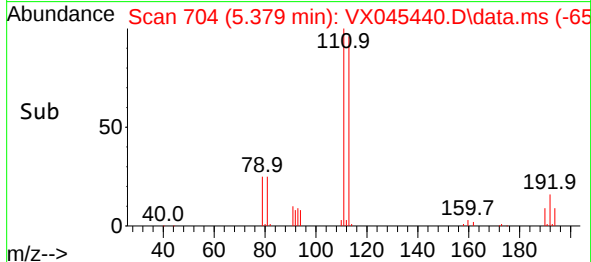
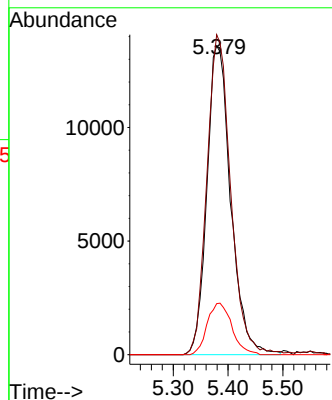
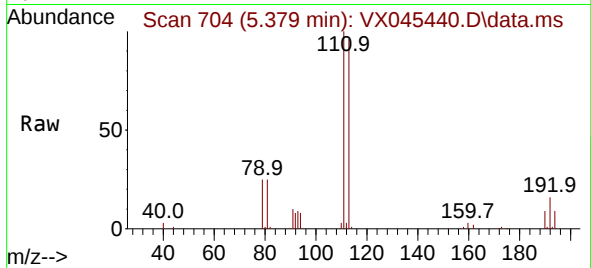




#35
Dibromofluoromethane
Concen: 48.214 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX045440.D
Acq: 25 Mar 2025 15:13

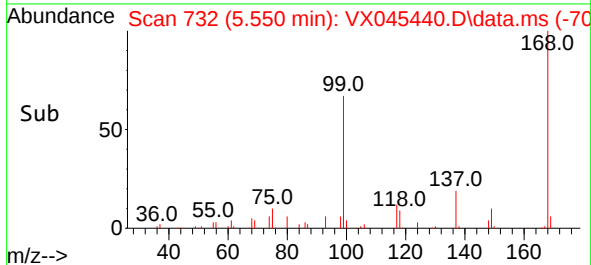
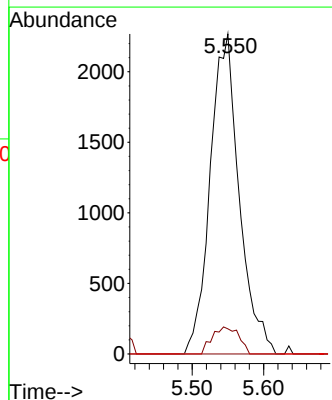
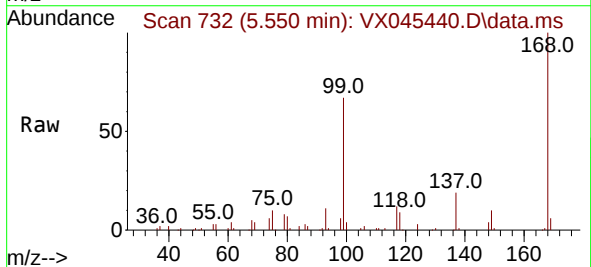
Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20250318DL

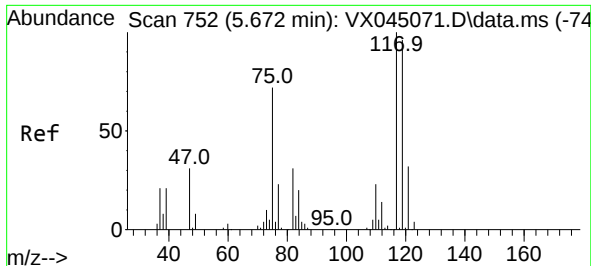
Tgt Ion:113 Resp: 40935
Ion Ratio Lower Upper
113 100
111 103.9 81.8 122.6
192 17.3 14.3 21.5



#36
1,1-Dichloropropene
Concen: 5.491 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX045440.D
Acq: 25 Mar 2025 15:13

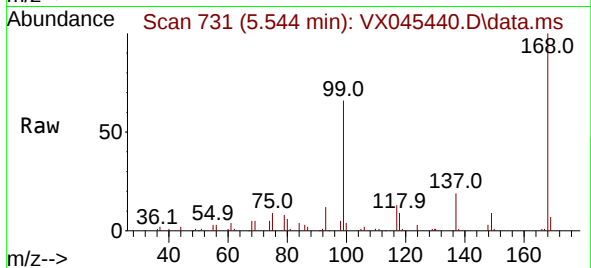
Tgt Ion: 75 Resp: 6394
Ion Ratio Lower Upper
75 100
110 7.7 16.9 50.6#
77 0.0 24.5 36.7#



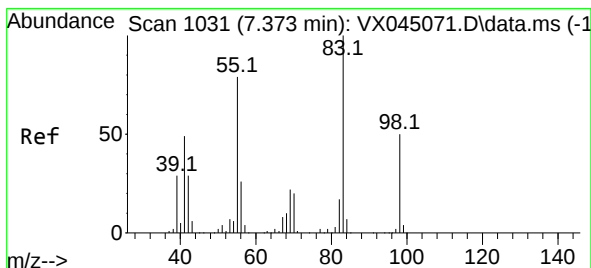
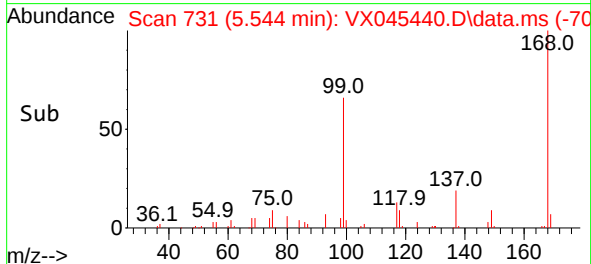
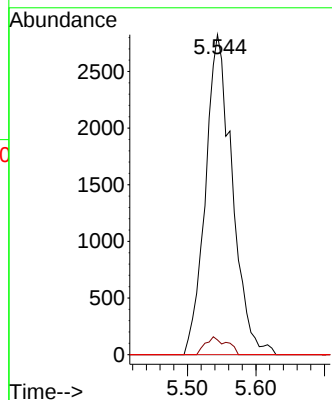


#38
Carbon Tetrachloride
Concen: 6.490 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX045440.D
Acq: 25 Mar 2025 15:13

Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20250318DL

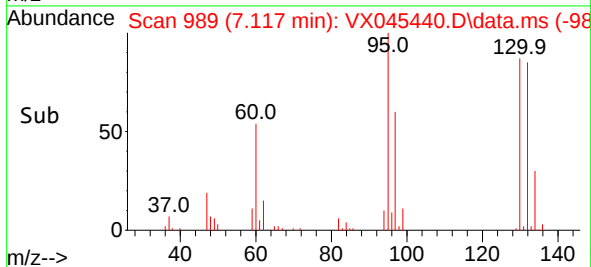
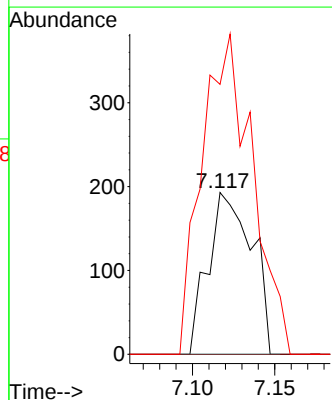
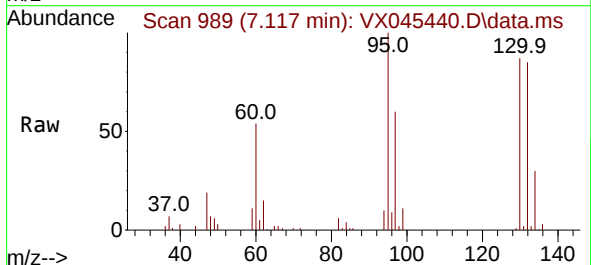


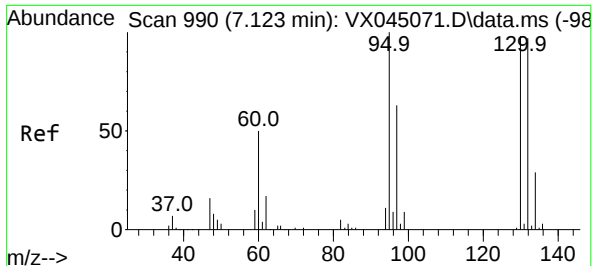
Tgt Ion:117 Resp: 7672
Ion Ratio Lower Upper
117 100
119 4.6 76.7 115.1#
121 0.0 25.5 38.3#



#39
Methylcyclohexane
Concen: 0.258 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.256 min
Lab File: VX045440.D
Acq: 25 Mar 2025 15:13

Tgt Ion: 83 Resp: 360
Ion Ratio Lower Upper
83 100
55 0.0 63.0 94.4#
98 166.8 39.7 59.5#

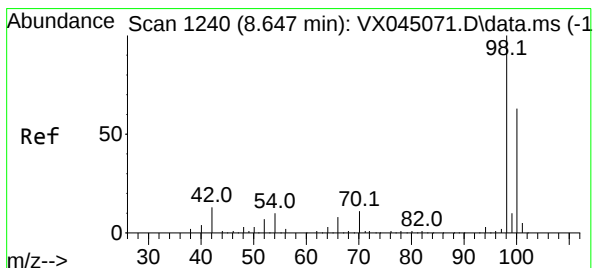
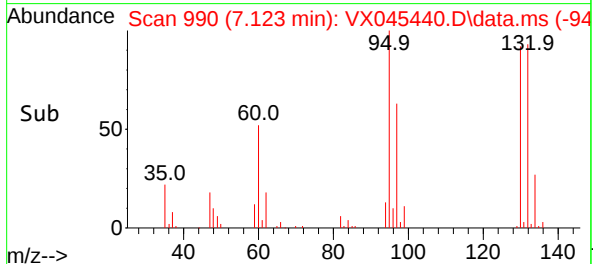
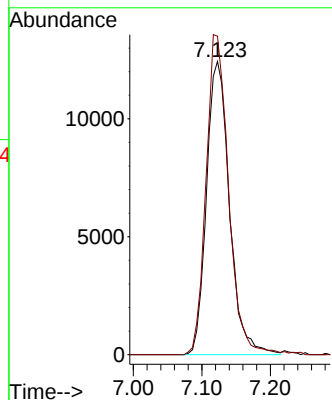
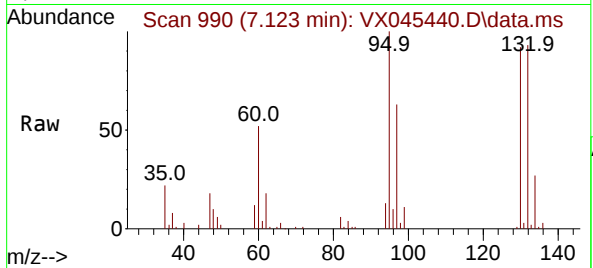




#44
Trichloroethene
Concen: 33.562 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX045440.D
Acq: 25 Mar 2025 15:13

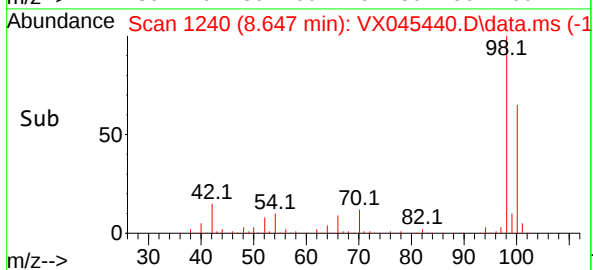
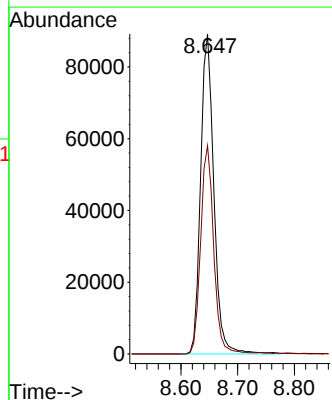
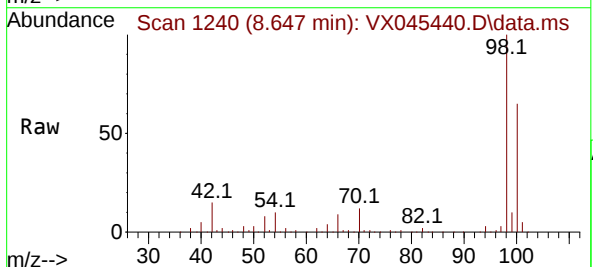
Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20250318DL

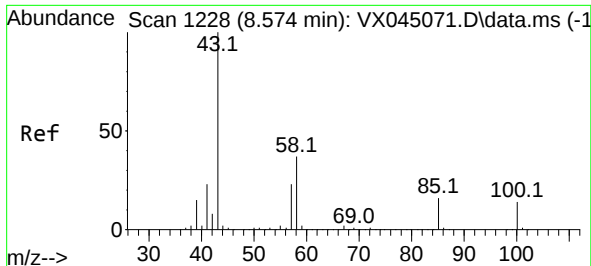
Tgt Ion:130 Resp: 28976
Ion Ratio Lower Upper
130 100
95 108.6 0.0 205.0



#50
Toluene-d8
Concen: 46.990 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045440.D
Acq: 25 Mar 2025 15:13

Tgt Ion: 98 Resp: 144639
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0

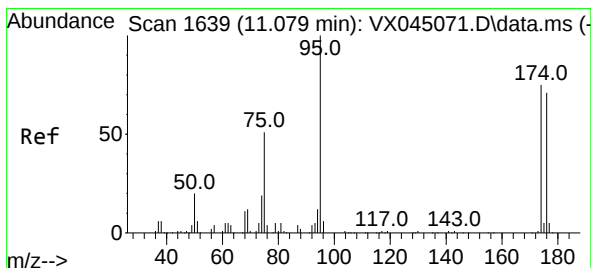
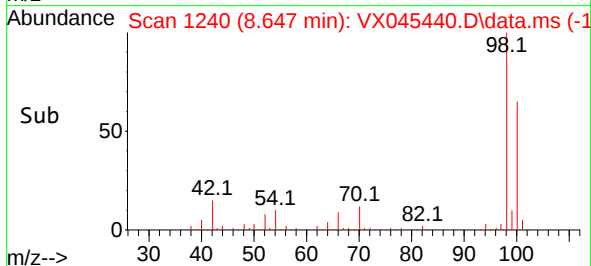
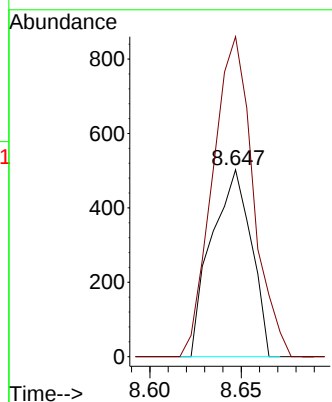
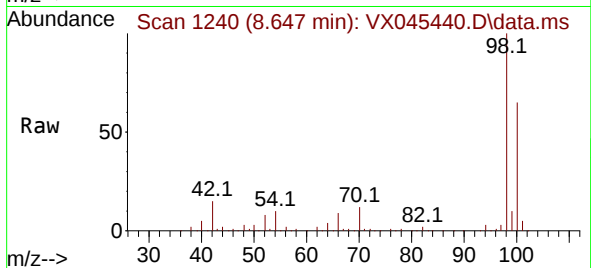




#51
4-Methyl-2-Pentanone
Concen: 0.510 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX045440.D
Acq: 25 Mar 2025 15:13

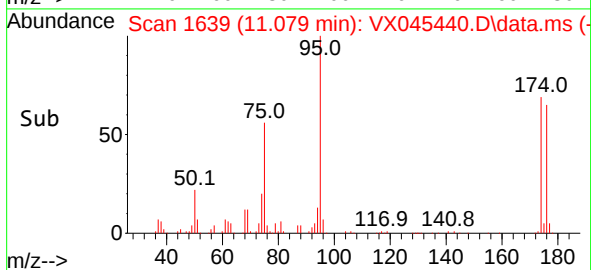
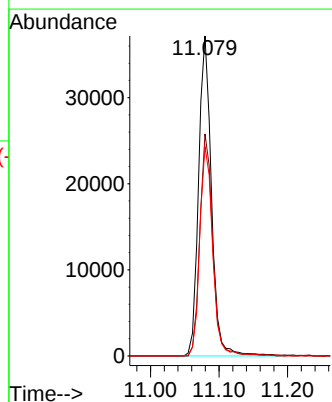
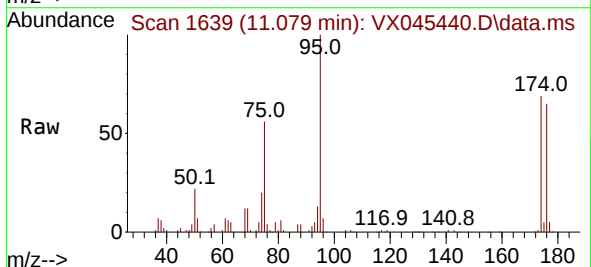
Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20250318DL

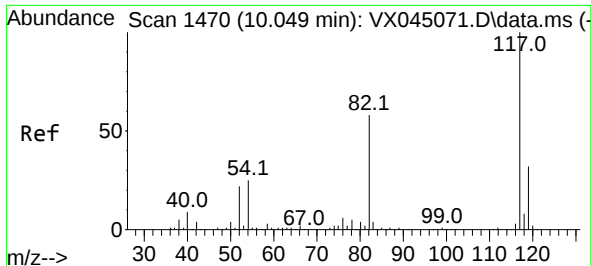
Tgt Ion: 43 Resp: 760
Ion Ratio Lower Upper
43 100
58 174.9 29.2 43.8#



#62
4-Bromofluorobenzene
Concen: 47.657 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045440.D
Acq: 25 Mar 2025 15:13

Tgt Ion: 95 Resp: 48609
Ion Ratio Lower Upper
95 100
174 69.6 0.0 148.2
176 66.0 0.0 141.4

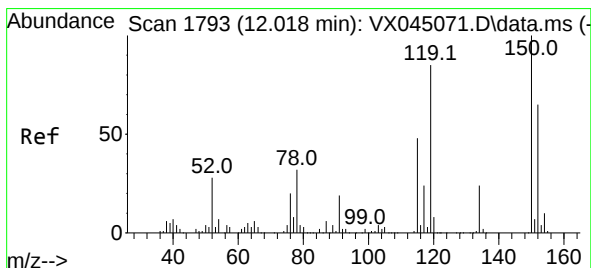
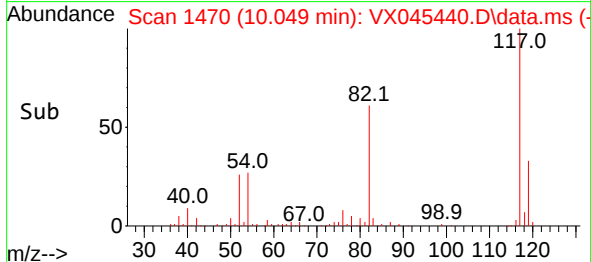
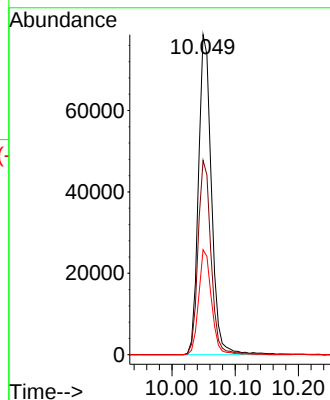
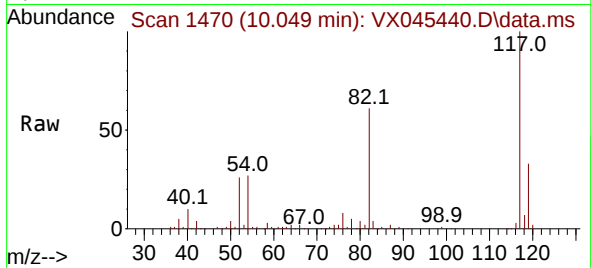




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045440.D
Acq: 25 Mar 2025 15:13

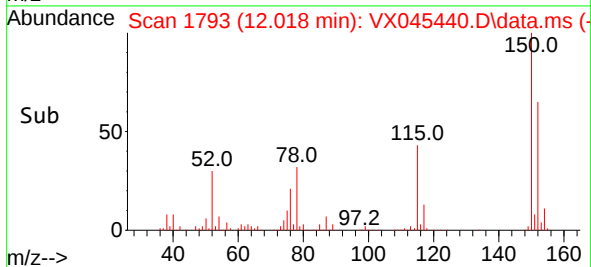
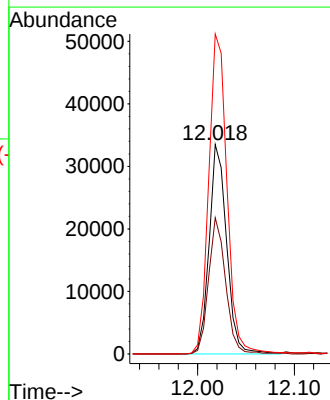
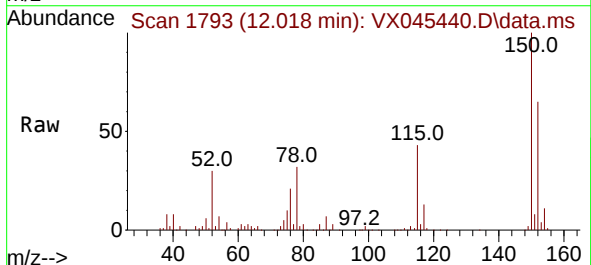
Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20250318DL

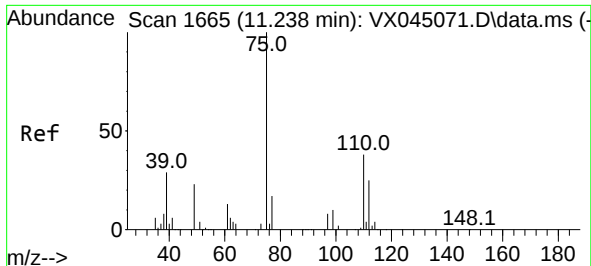
Tgt Ion:117 Resp: 112628
Ion Ratio Lower Upper
117 100
82 60.7 46.3 69.5
119 32.8 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045440.D
Acq: 25 Mar 2025 15:13

Tgt Ion:152 Resp: 42200
Ion Ratio Lower Upper
152 100
115 63.6 44.2 132.6
150 159.3 0.0 349.0

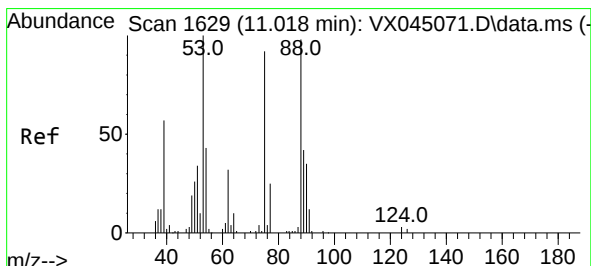
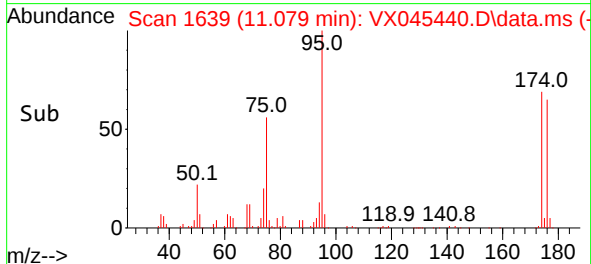
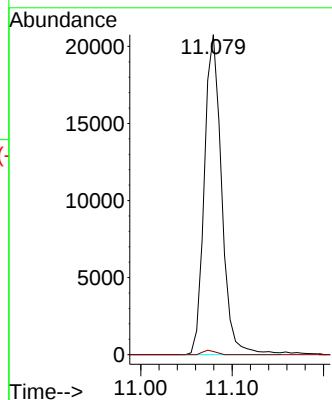
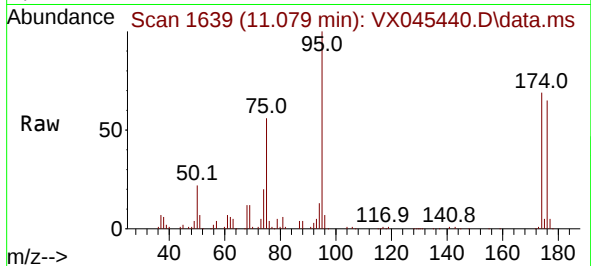




#76
1,2,3-Trichloropropane
Concen: 27.740 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX045440.D
Acq: 25 Mar 2025 15:13

Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20250318DL

Tgt Ion: 75 Resp: 27246
Ion Ratio Lower Upper
75 100
77 1.0 20.7 62.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 94.930 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045440.D
Acq: 25 Mar 2025 15:13

Tgt Ion: 75 Resp: 27246
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.0 36.2 54.4#

