

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031125\
 Data File : VX045222.D
 Acq On : 11 Mar 2025 14:23
 Operator : JC/MD
 Sample : Q1531-05DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE126D2-20250306DL

Quant Time: Mar 12 01:49:09 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)

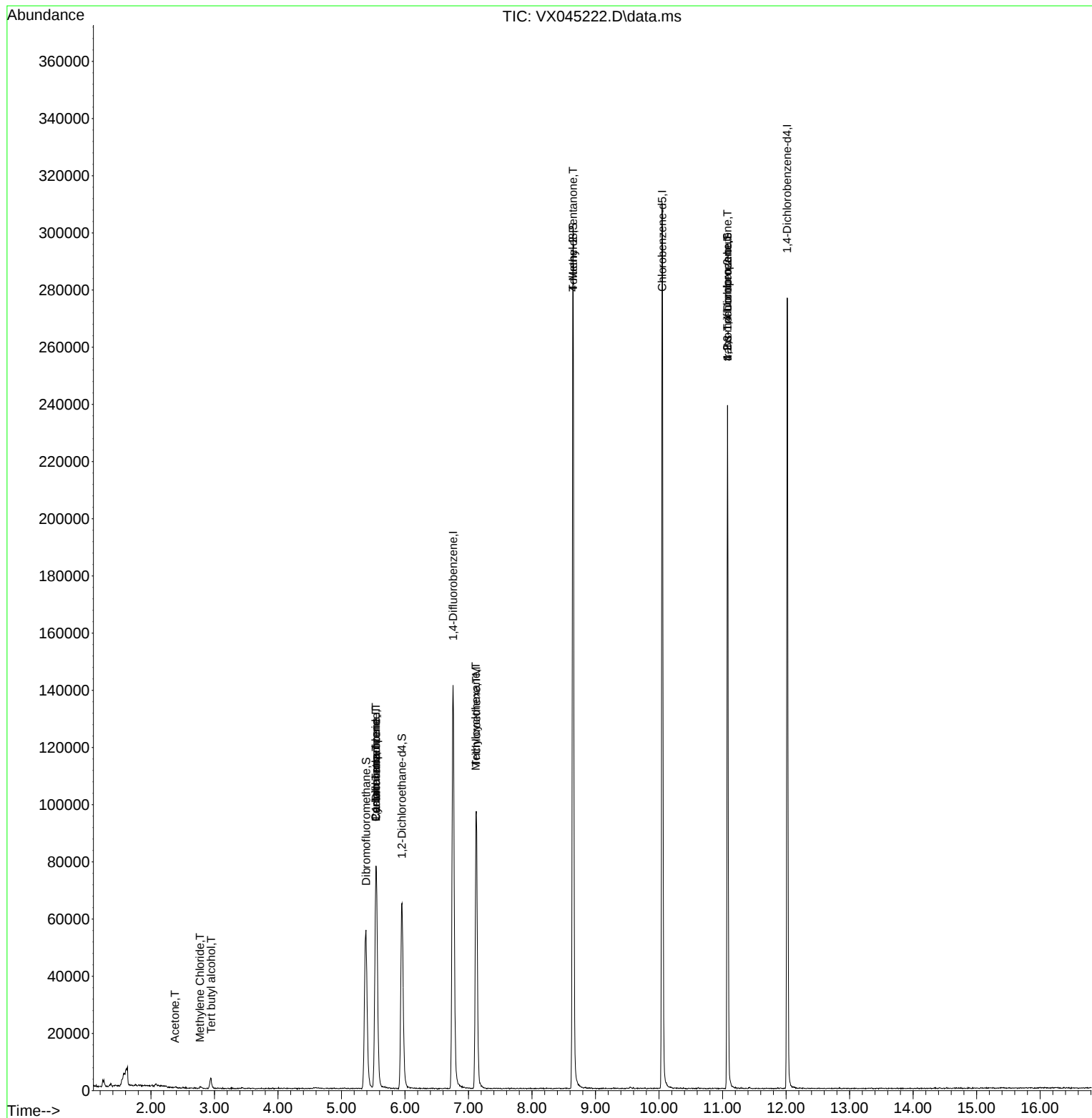
Internal Standards						
1) Pentafluorobenzene	5.544	168	71232	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	143193	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	133823	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	53967	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61934	54.661	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.320%	
35) Dibromofluoromethane	5.385	113	48978	51.152	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.300%	
50) Toluene-d8	8.647	98	180229	51.920	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.840%	
62) 4-Bromofluorobenzene	11.079	95	61544	53.504	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 107.000%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	2089	9.734	ug/l #	73
16) Acetone	2.380	43	471	0.896	ug/l #	44
20) Methylene Chloride	2.770	84	292	0.280	ug/l #	51
31) Cyclohexane	5.544	56	2056	1.334	ug/l #	24
36) 1,1-Dichloropropene	5.544	75	6678	5.086	ug/l #	49
38) Carbon Tetrachloride	5.544	117	7905	5.930	ug/l #	15
39) Methylcyclohexane	7.117	83	532	0.338	ug/l #	1
44) Trichloroethene	7.123	130	38059	39.090	ug/l	89
51) 4-Methyl-2-Pentanone	8.647	43	966	0.575	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	33344	26.546	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	33344	90.845	ug/l #	6

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

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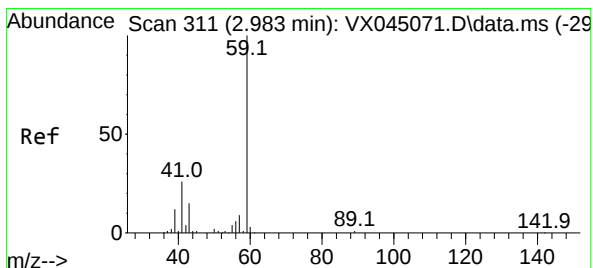
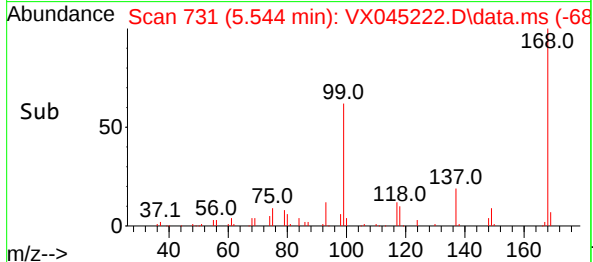
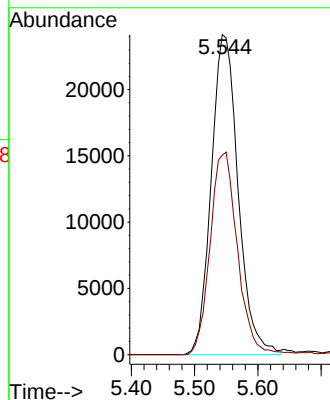
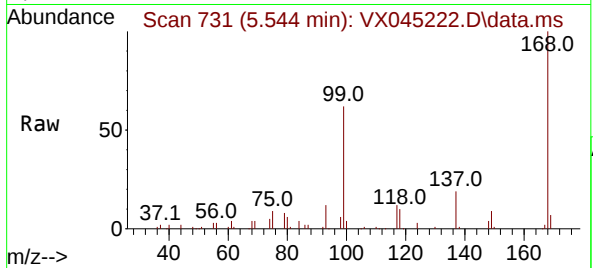




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045222.D
Acq: 11 Mar 2025 14:23

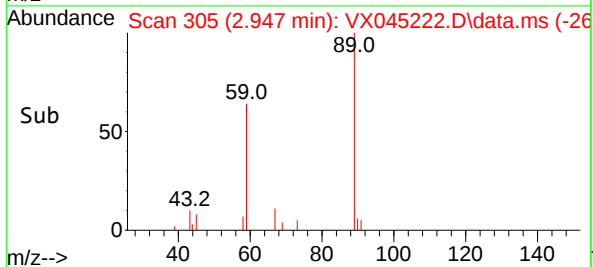
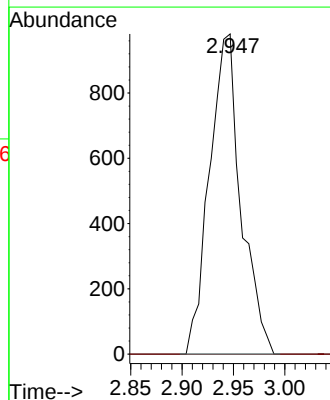
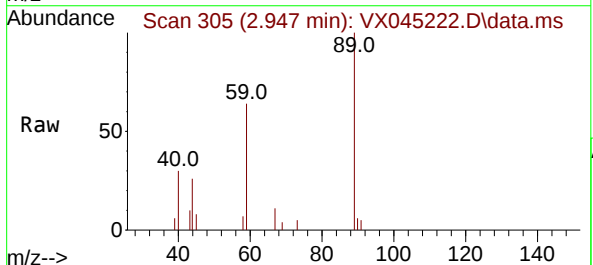
Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20250306DL

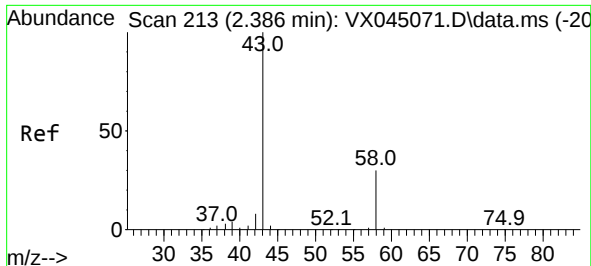
Tgt Ion:168 Resp: 71232
Ion Ratio Lower Upper
168 100
99 62.3 48.2 72.4



#11
Tert butyl alcohol
Concen: 9.734 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.037 min
Lab File: VX045222.D
Acq: 11 Mar 2025 14:23

Tgt Ion: 59 Resp: 2089
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

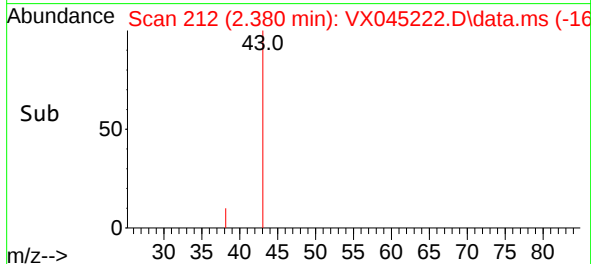
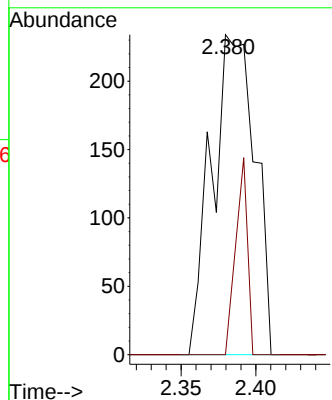
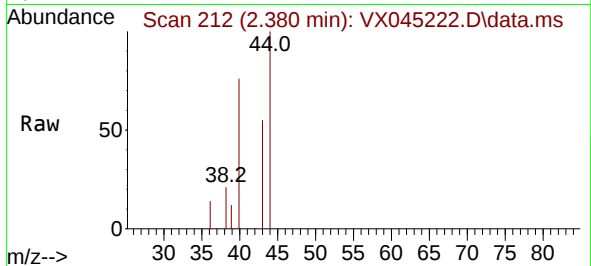




#16
Acetone
Concen: 0.896 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX045222.D
Acq: 11 Mar 2025 14:23

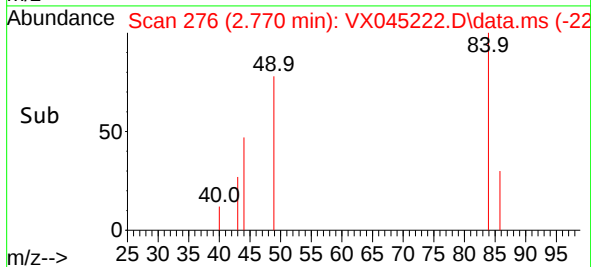
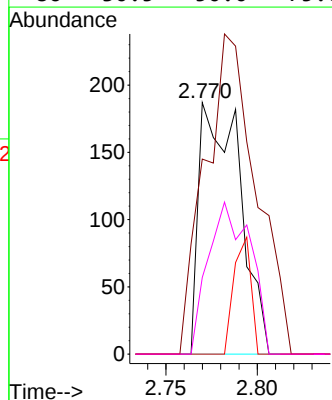
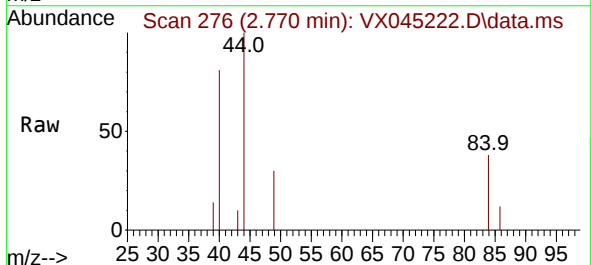
Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20250306DL

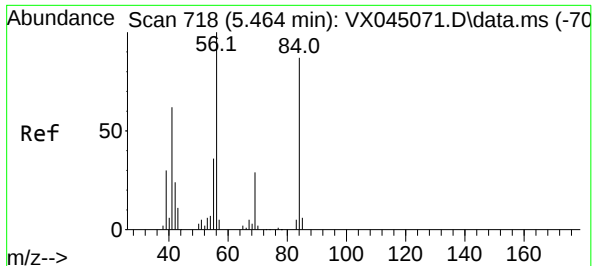
Tgt Ion: 43 Resp: 471
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.4#



#20
Methylene Chloride
Concen: 0.280 ug/l
RT: 2.770 min Scan# 276
Delta R.T. -0.012 min
Lab File: VX045222.D
Acq: 11 Mar 2025 14:23

Tgt Ion: 84 Resp: 292
Ion Ratio Lower Upper
84 100
49 77.5 106.5 159.7#
51 0.0 32.1 48.1#
86 30.5 50.0 75.0#



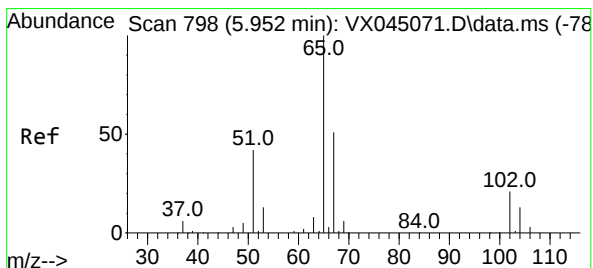
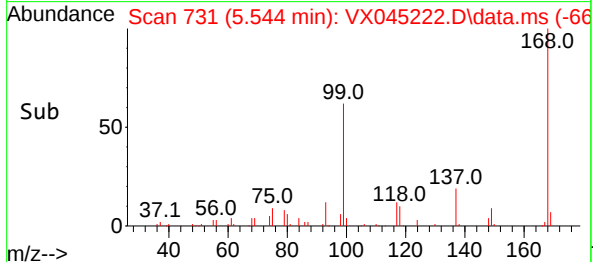
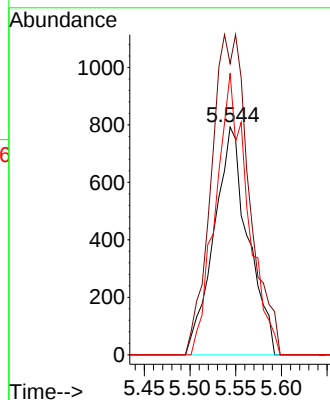
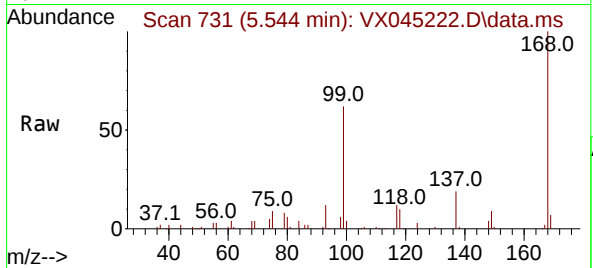


#31
Cyclohexane
Concen: 1.334 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX045222.D
Acq: 11 Mar 2025 14:23

Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20250306DL

Tgt Ion: 56 Resp: 2056

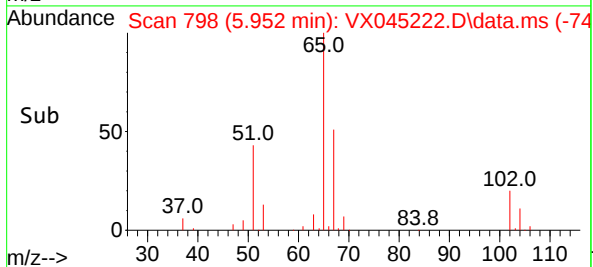
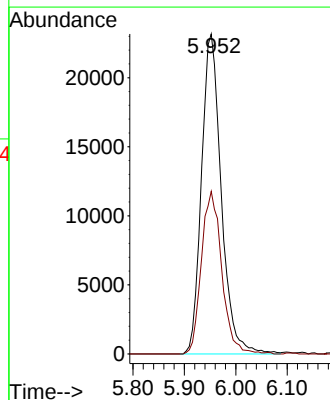
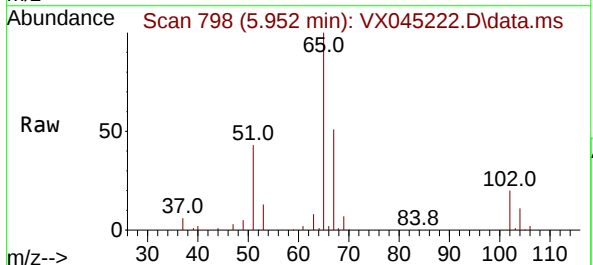
Ion	Ratio	Lower	Upper
56	100		
69	127.7	23.4	35.2#
84	123.6	69.4	104.2#

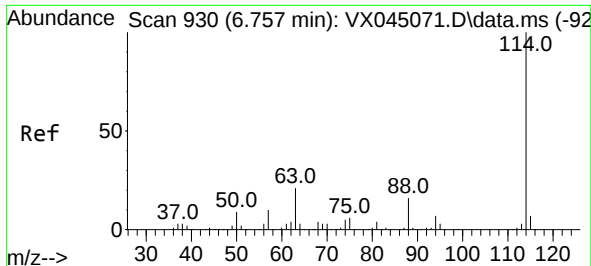


#33
1,2-Dichloroethane-d4
Concen: 54.661 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045222.D
Acq: 11 Mar 2025 14:23

Tgt Ion: 65 Resp: 61934

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	106.2

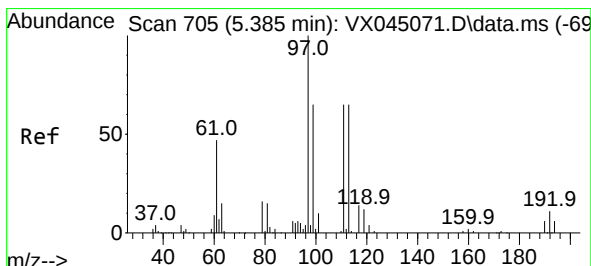
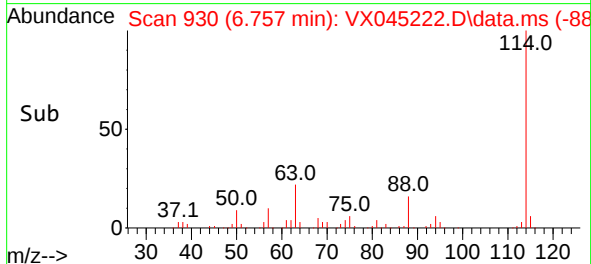
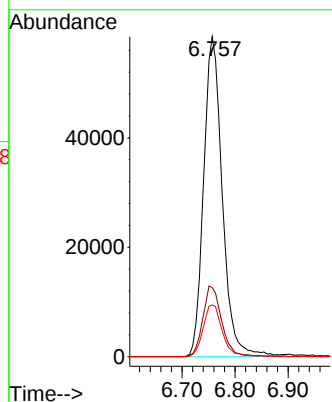
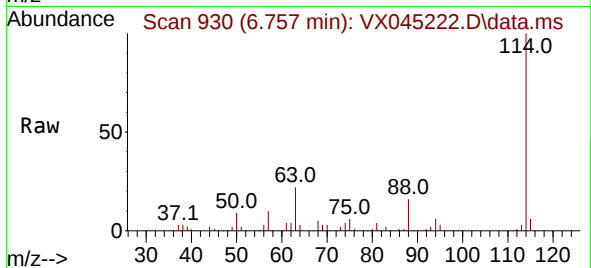




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX045222.D
Acq: 11 Mar 2025 14:23

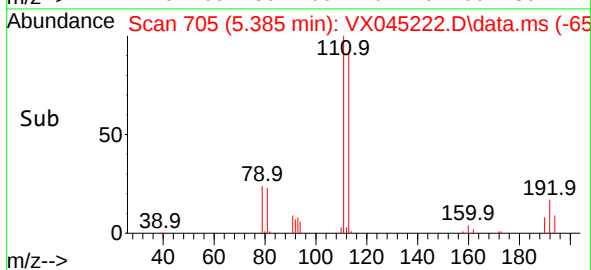
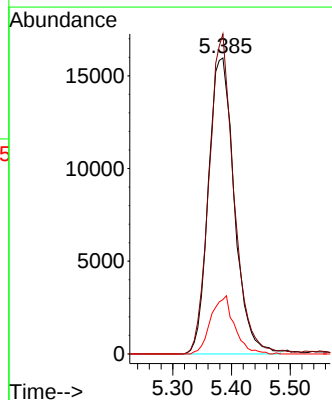
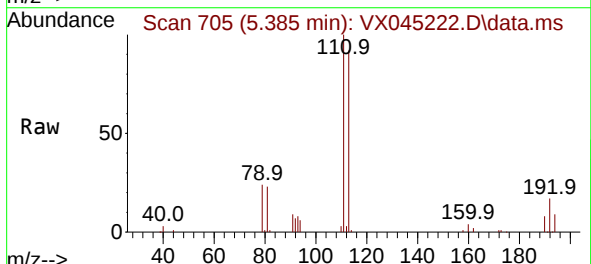
Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20250306DL

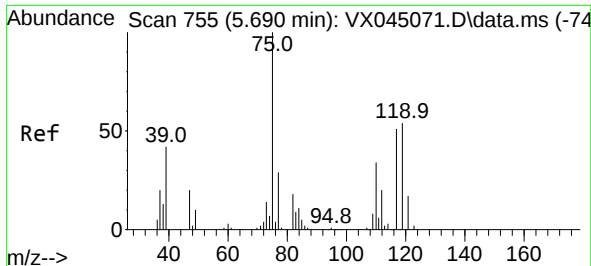
Tgt Ion:114 Resp: 143193
Ion Ratio Lower Upper
114 100
63 21.6 0.0 41.8
88 16.2 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.152 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX045222.D
Acq: 11 Mar 2025 14:23

Tgt Ion:113 Resp: 48978
Ion Ratio Lower Upper
113 100
111 103.8 81.8 122.6
192 17.8 14.3 21.5





#36

1,1-Dichloropropene

Concen: 5.086 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX045222.D

Acq: 11 Mar 2025 14:23

Instrument :

MSVOA_X

ClientSampleId :

RE126D2-20250306DL

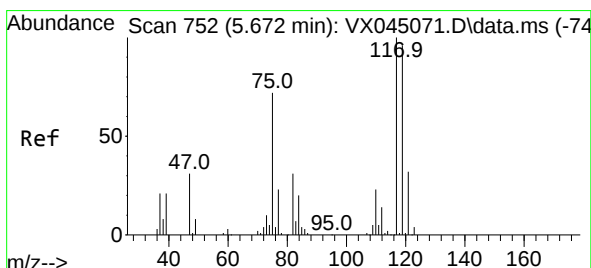
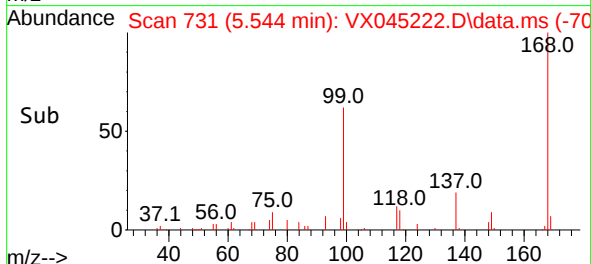
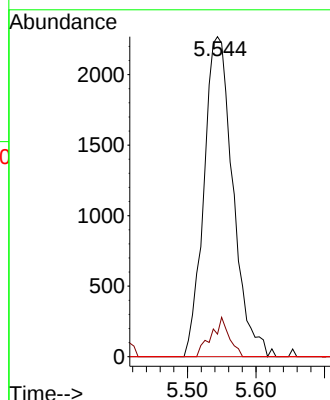
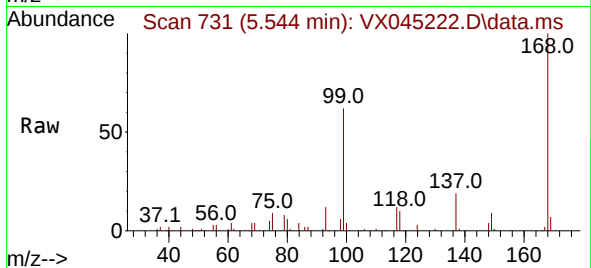
Tgt Ion: 75 Resp: 6678

Ion Ratio Lower Upper

75 100

110 7.6 16.9 50.6#

77 0.0 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 5.930 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.128 min

Lab File: VX045222.D

Acq: 11 Mar 2025 14:23

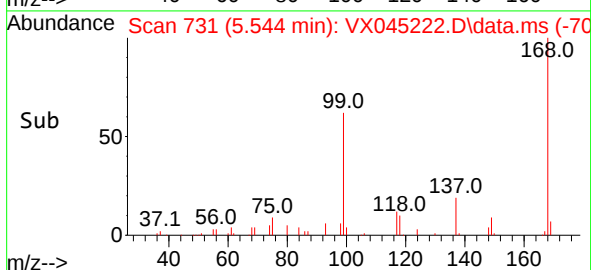
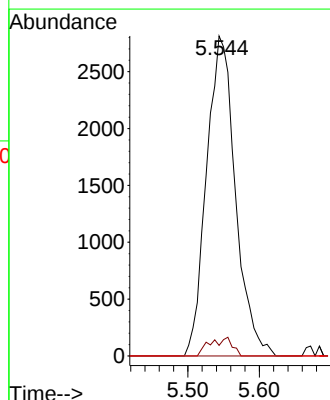
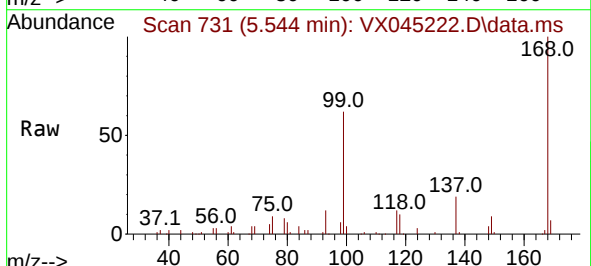
Tgt Ion: 117 Resp: 7905

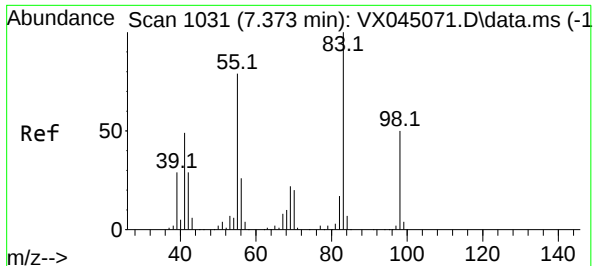
Ion Ratio Lower Upper

117 100

119 3.3 76.7 115.1#

121 0.0 25.5 38.3#





#39

Methylcyclohexane

Concen: 0.338 ug/l

RT: 7.117 min Scan# 91

Delta R.T. -0.256 min

Lab File: VX045222.D

Acq: 11 Mar 2025 14:23

Instrument :

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ClientSampleId :

RE126D2-20250306DL

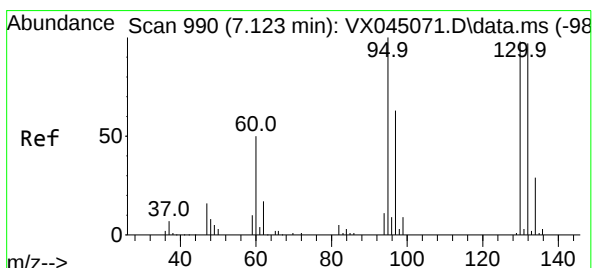
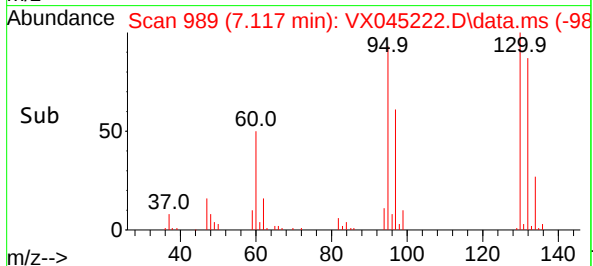
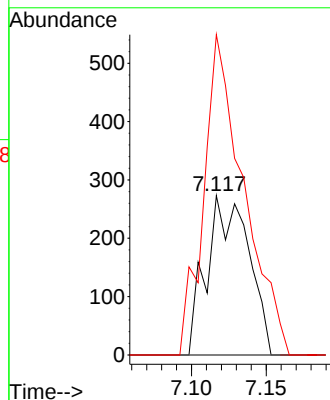
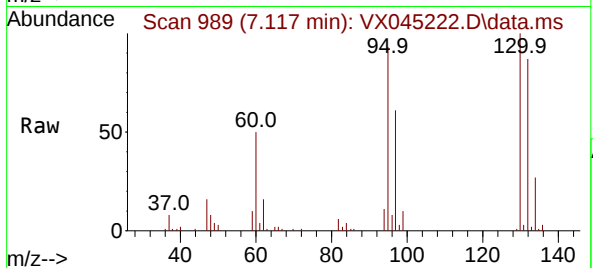
Tgt Ion: 83 Resp: 532

Ion Ratio Lower Upper

83 100

55 0.0 63.0 94.4#

98 201.1 39.7 59.5#



#44

Trichloroethene

Concen: 39.090 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX045222.D

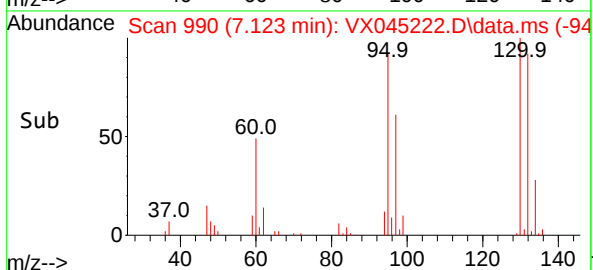
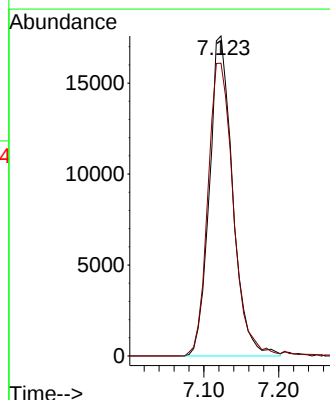
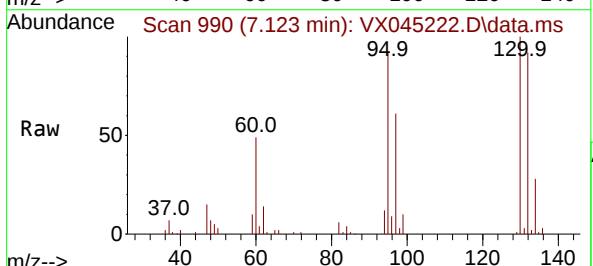
Acq: 11 Mar 2025 14:23

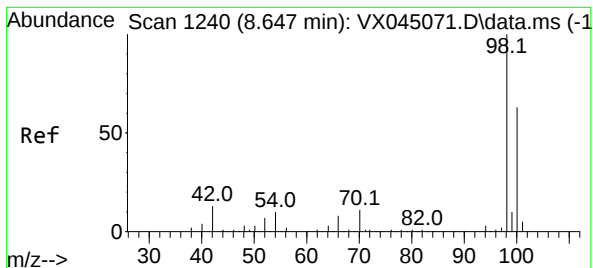
Tgt Ion:130 Resp: 38059

Ion Ratio Lower Upper

130 100

95 91.5 0.0 205.0





#50

Toluene-d8

Concen: 51.920 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX045222.D

Acq: 11 Mar 2025 14:23

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MSVOA_X

ClientSampleId :

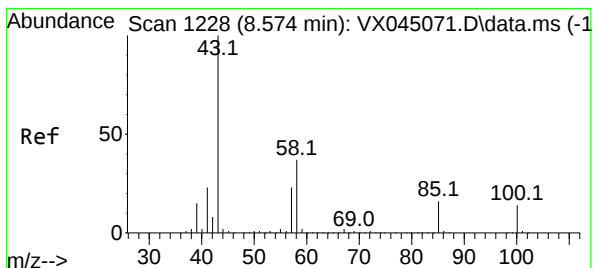
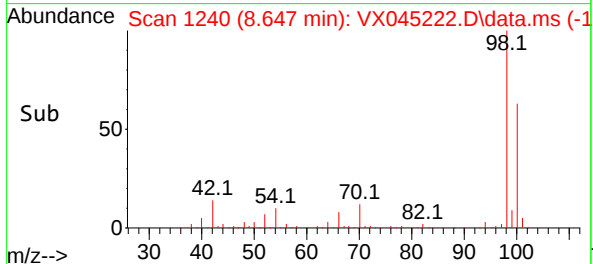
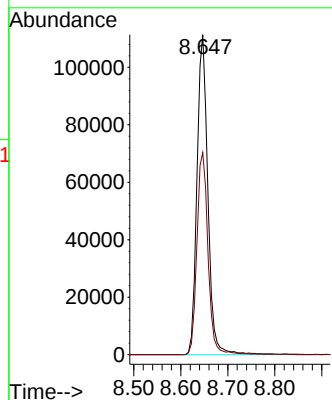
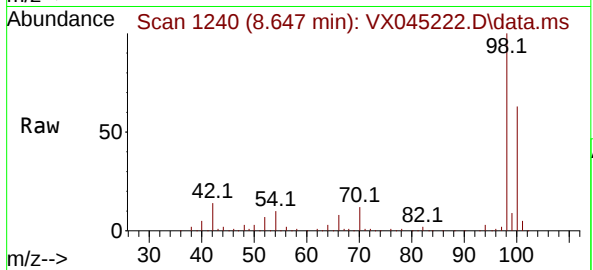
RE126D2-20250306DL

Tgt Ion: 98 Resp: 180229

Ion Ratio Lower Upper

98 100

100 64.6 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 0.575 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX045222.D

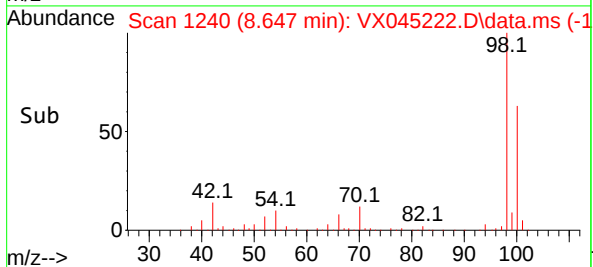
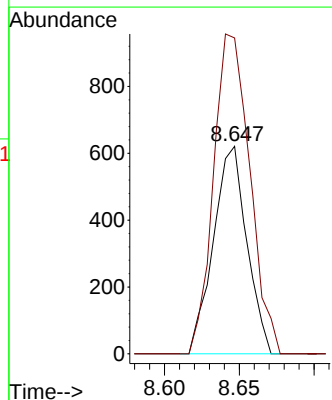
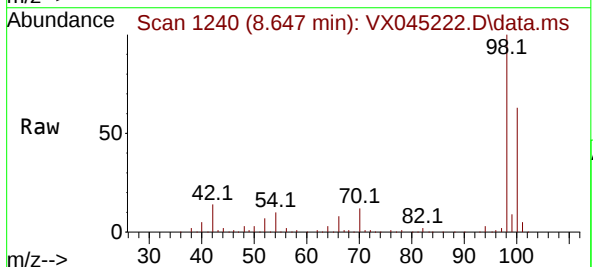
Acq: 11 Mar 2025 14:23

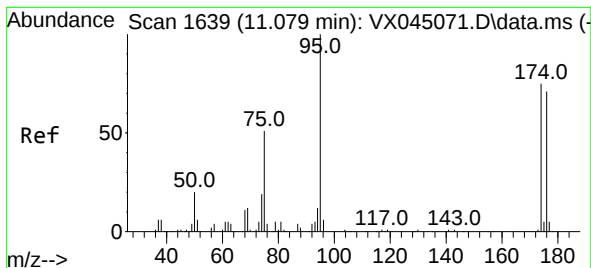
Tgt Ion: 43 Resp: 966

Ion Ratio Lower Upper

43 100

58 167.2 29.2 43.8#

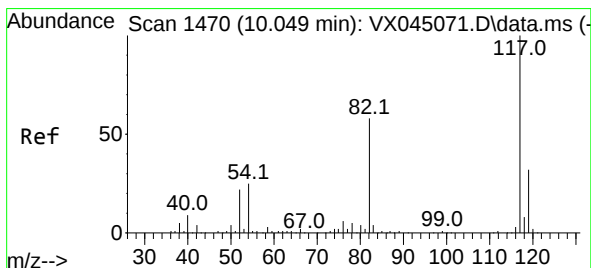
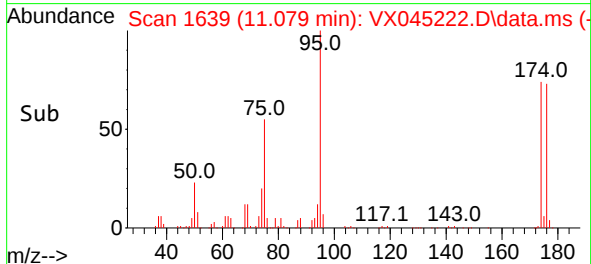
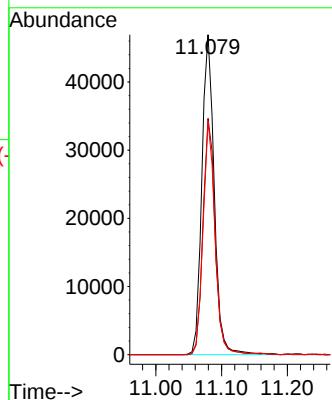
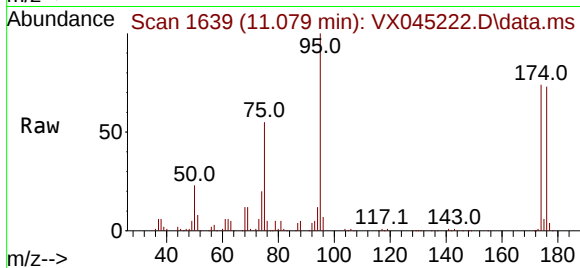




#62
4-Bromofluorobenzene
Concen: 53.504 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045222.D
Acq: 11 Mar 2025 14:23

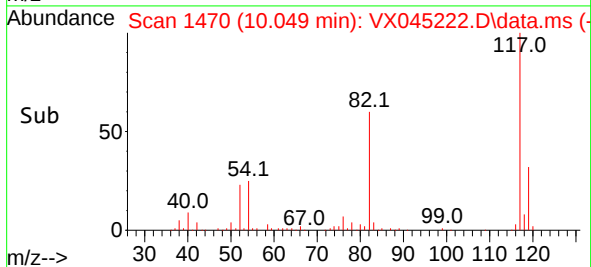
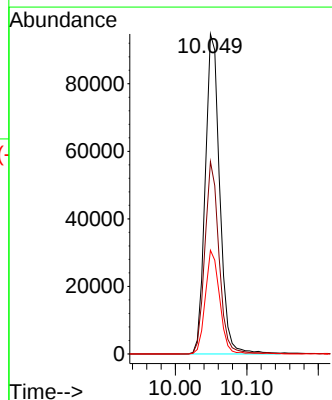
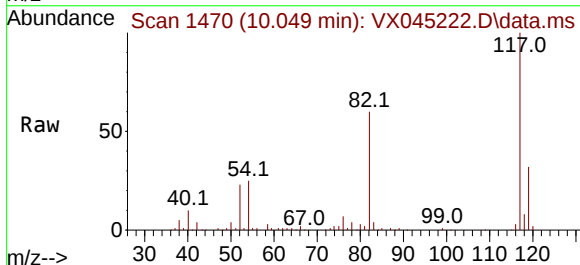
Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20250306DL

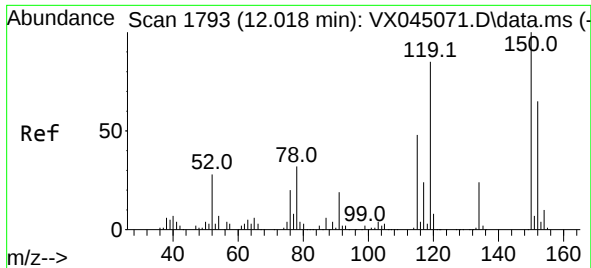
Tgt Ion: 95 Resp: 61544
Ion Ratio Lower Upper
95 100
174 72.6 0.0 148.2
176 70.0 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045222.D
Acq: 11 Mar 2025 14:23

Tgt Ion: 117 Resp: 133823
Ion Ratio Lower Upper
117 100
82 60.1 46.3 69.5
119 32.4 25.7 38.5

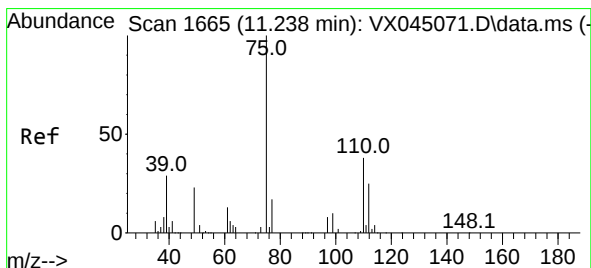
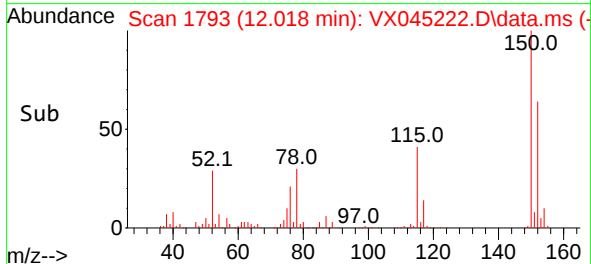
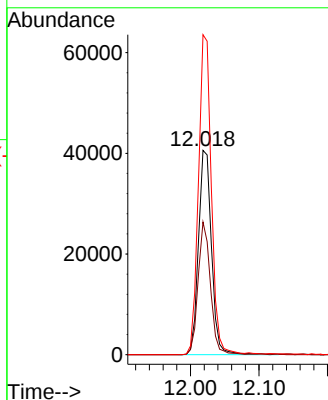
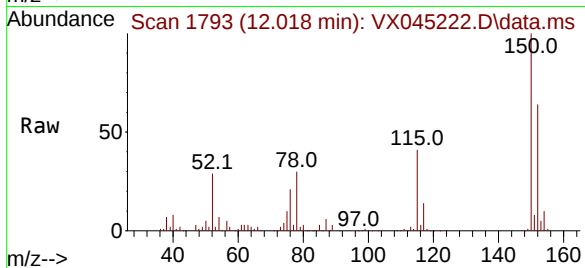




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX045222.D
 Acq: 11 Mar 2025 14:23

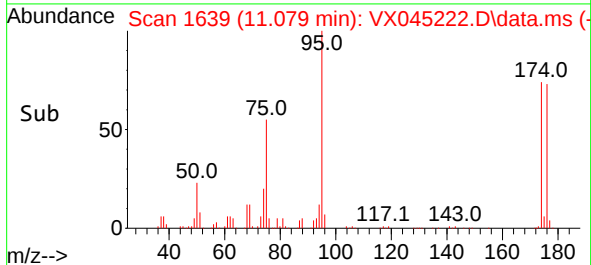
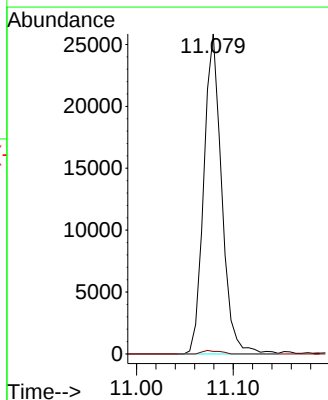
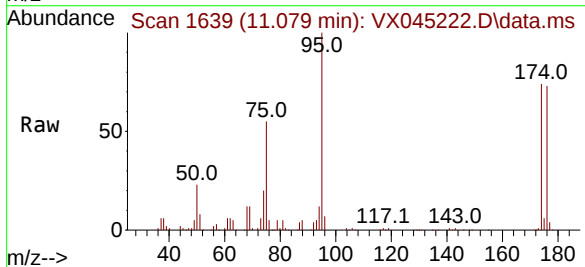
Instrument :
 MSVOA_X
 ClientSampleId :
 RE126D2-20250306DL

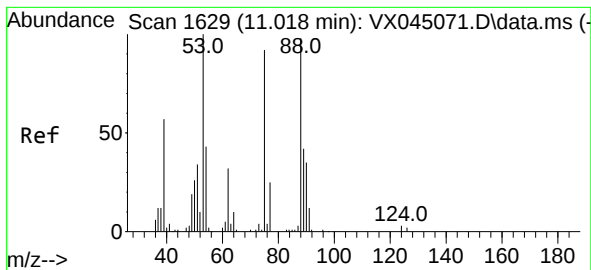
Tgt Ion:152 Resp: 53967
 Ion Ratio Lower Upper
 152 100
 115 61.4 44.2 132.6
 150 154.5 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 26.546 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX045222.D
 Acq: 11 Mar 2025 14:23

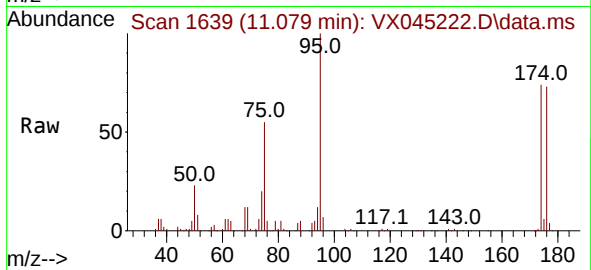
Tgt Ion: 75 Resp: 33344
 Ion Ratio Lower Upper
 75 100
 77 1.1 20.7 62.1#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.845 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX045222.D
 Acq: 11 Mar 2025 14:23

Instrument :
 MSVOA_X
 ClientSampleId :
 RE126D2-20250306DL



Tgt Ion: 75 Resp: 33344
 Ion Ratio Lower Upper
 75 100
 53 0.0 88.5 132.7#
 89 0.0 36.2 54.4#

