

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032125\
 Data File : VX045383.D
 Acq On : 21 Mar 2025 13:18
 Operator : JC/MD
 Sample : Q1582-03 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D2-20250313DL

Quant Time: Mar 21 23:14:31 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)

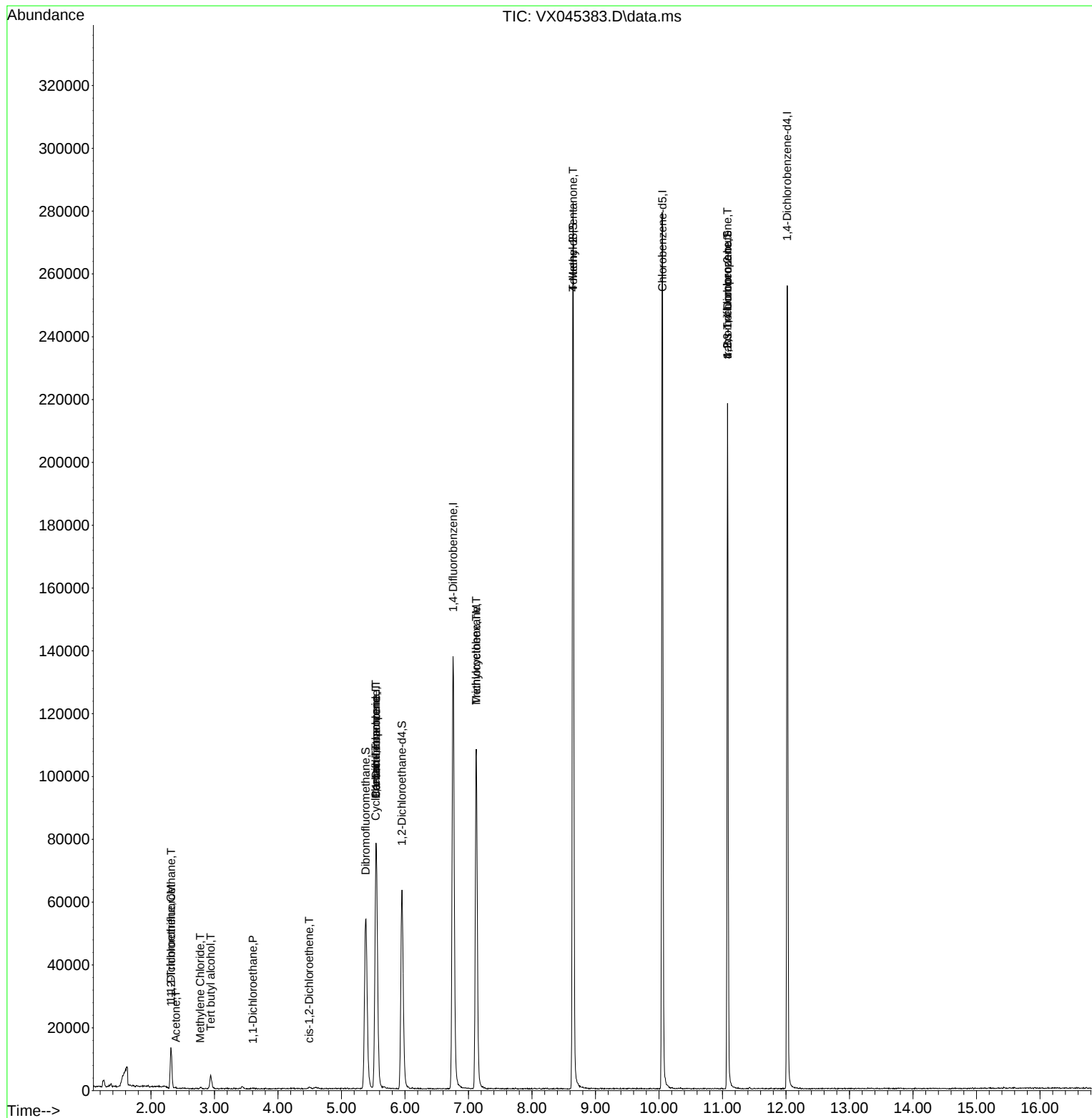
Internal Standards						
1) Pentafluorobenzene	5.544	168	67762	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	132441	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	123000	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	48525	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61840	57.373	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 114.740%	
35) Dibromofluoromethane	5.379	113	47362	53.480	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.960%	
50) Toluene-d8	8.647	98	161724	50.372	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.740%	
62) 4-Bromofluorobenzene	11.079	95	55132	51.821	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 103.640%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.319	101	3454	4.386	ug/l	99
11) Tert butyl alcohol	2.941	59	2484	12.167	ug/l #	73
12) 1,1-Dichloroethene	2.313	96	1735	2.084	ug/l	96
16) Acetone	2.392	43	289	0.578	ug/l #	44
20) Methylene Chloride	2.776	84	200	0.202	ug/l #	52
24) 1,1-Dichloroethane	3.605	63	347	0.205	ug/l #	83
27) cis-1,2-Dichloroethene	4.489	96	389	0.383	ug/l	69
31) Cyclohexane	5.538	56	2168	1.478	ug/l #	41
36) 1,1-Dichloropropene	5.544	75	6512	5.362	ug/l #	50
38) Carbon Tetrachloride	5.544	117	7655	6.208	ug/l #	15
39) Methylcyclohexane	7.123	83	648	0.445	ug/l #	1
44) Trichloroethene	7.123	130	40681	45.175	ug/l	99
51) 4-Methyl-2-Pentanone	8.647	43	962	0.619	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	31813	28.167	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	31813	96.394	ug/l #	6

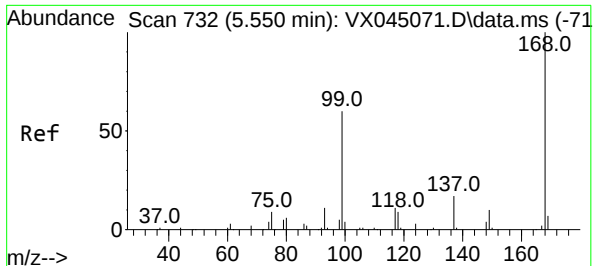
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032125\
Data File : VX045383.D
Acq On : 21 Mar 2025 13:18
Operator : JC/MD
Sample : Q1582-03 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20250313DL

Quant Time: Mar 21 23:14:31 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

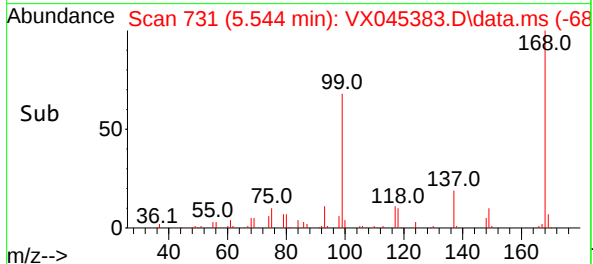
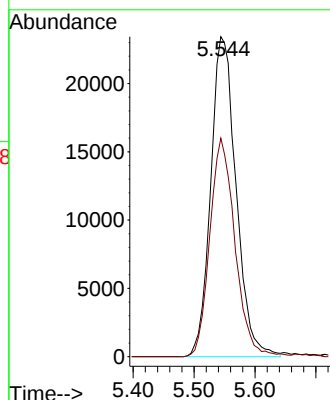
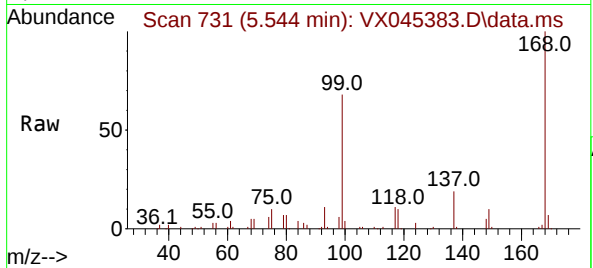




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045383.D
Acq: 21 Mar 2025 13:18

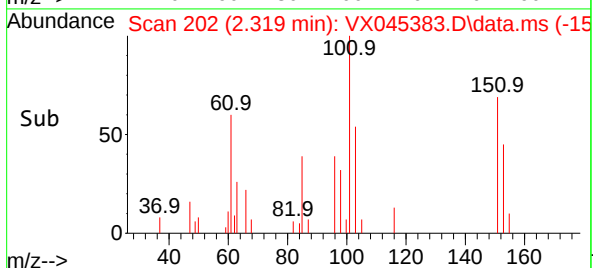
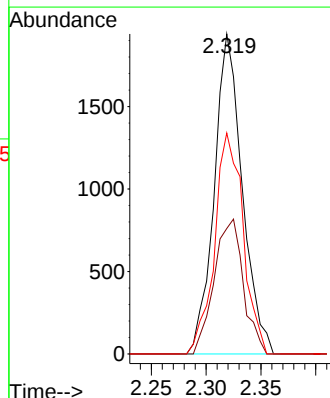
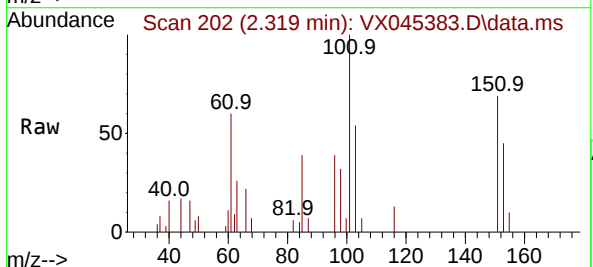
Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20250313DL

Tgt Ion:168 Resp: 67762
Ion Ratio Lower Upper
168 100
99 68.3 48.2 72.4



#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.386 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX045383.D
Acq: 21 Mar 2025 13:18

Tgt Ion:101 Resp: 3454
Ion Ratio Lower Upper
101 100
85 43.9 36.2 54.4
151 70.1 56.4 84.6





#11

Tert butyl alcohol

Concen: 12.167 ug/l

RT: 2.941 min Scan# 304

Delta R.T. -0.043 min

Lab File: VX045383.D

Acq: 21 Mar 2025 13:18

Instrument :

MSVOA_X

ClientSampleId :

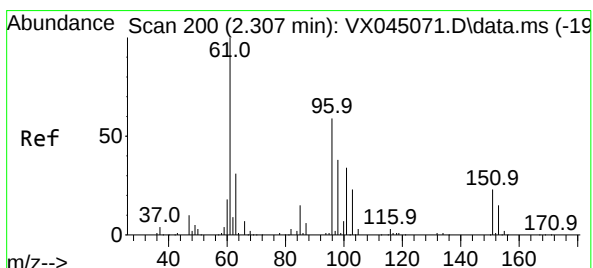
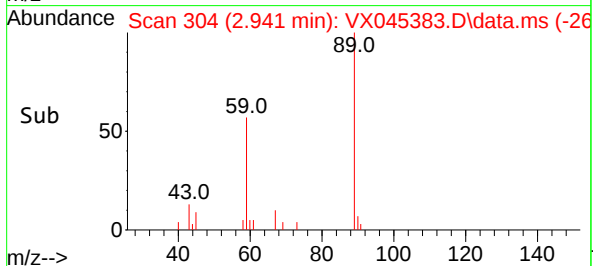
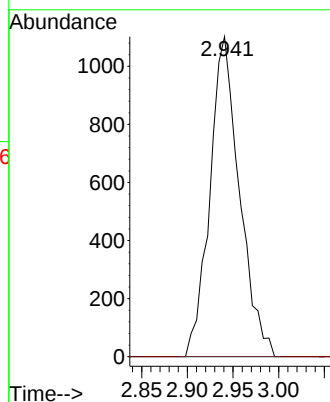
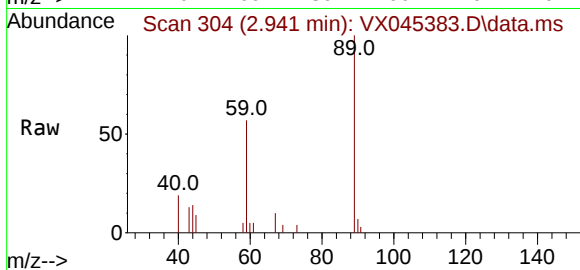
TT180D2-20250313DL

Tgt Ion: 59 Resp: 2484

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



#12

1,1-Dichloroethene

Concen: 2.084 ug/l

RT: 2.313 min Scan# 201

Delta R.T. 0.006 min

Lab File: VX045383.D

Acq: 21 Mar 2025 13:18

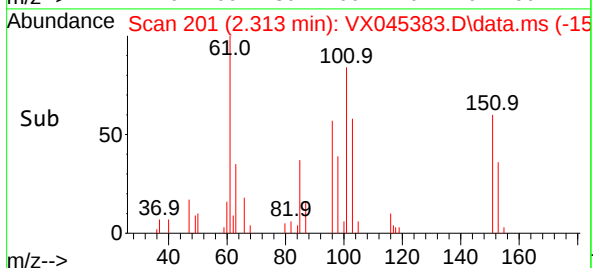
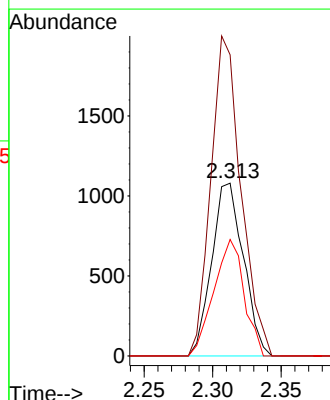
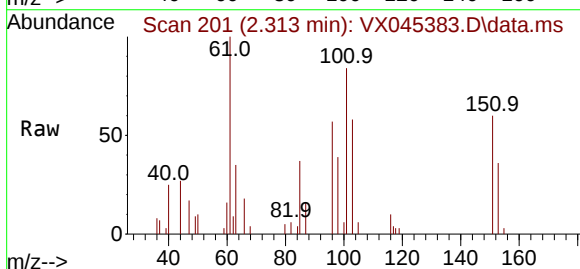
Tgt Ion: 96 Resp: 1735

Ion Ratio Lower Upper

96 100

61 174.3 134.6 202.0

98 67.4 51.0 76.6

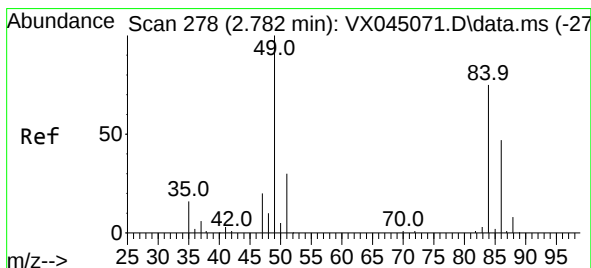
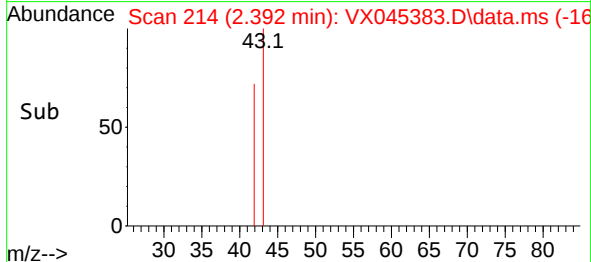
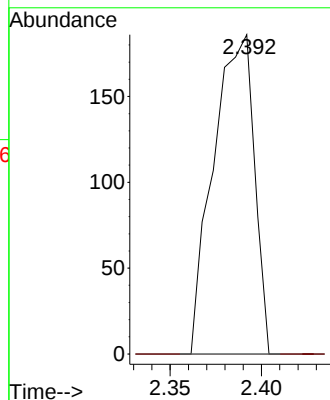
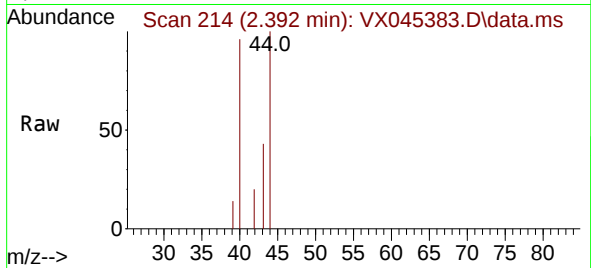




#16
Acetone
Concen: 0.578 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX045383.D
Acq: 21 Mar 2025 13:18

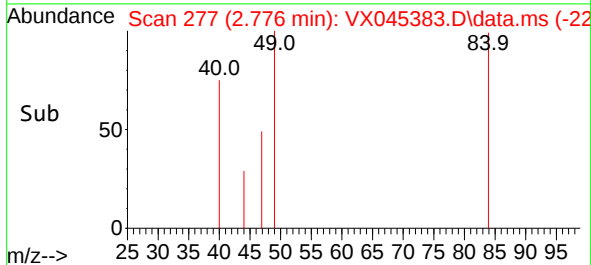
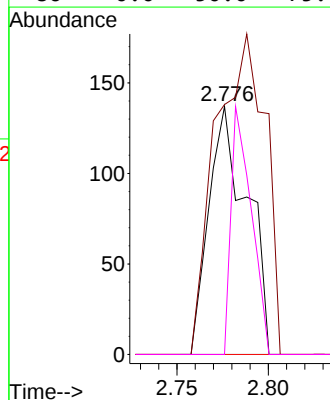
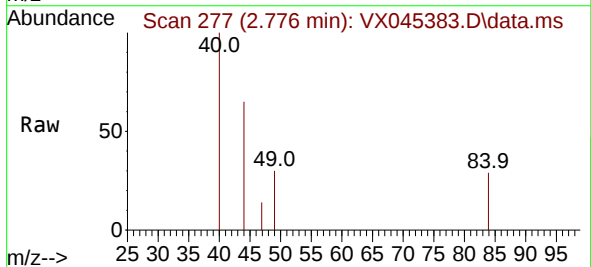
Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20250313DL

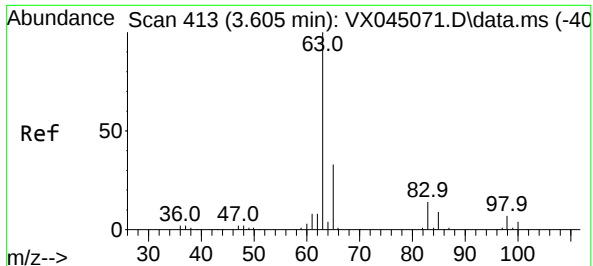
Tgt Ion: 43 Resp: 289
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.4#



#20
Methylene Chloride
Concen: 0.202 ug/l
RT: 2.776 min Scan# 277
Delta R.T. -0.006 min
Lab File: VX045383.D
Acq: 21 Mar 2025 13:18

Tgt Ion: 84 Resp: 200
Ion Ratio Lower Upper
84 100
49 100.7 106.5 159.7#
51 0.0 32.1 48.1#
86 0.0 50.0 75.0#

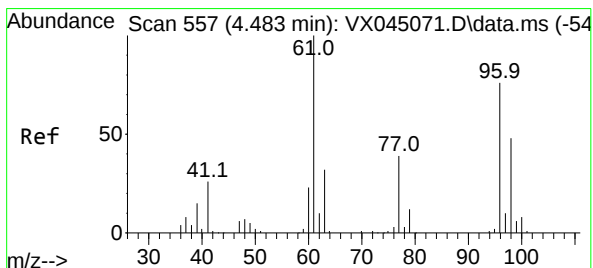
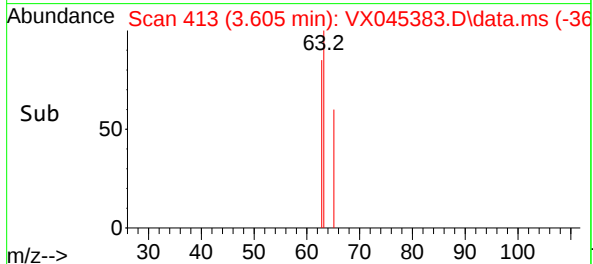
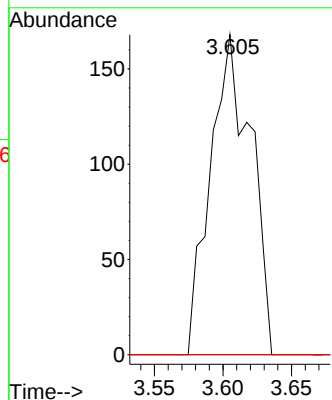
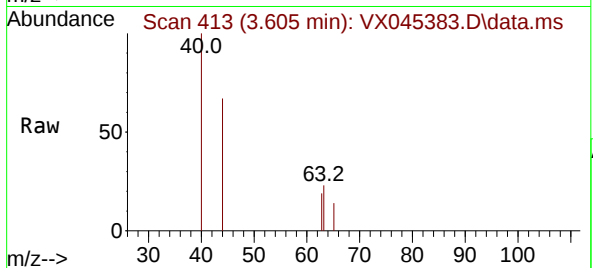




#24
1,1-Dichloroethane
Concen: 0.205 ug/l
RT: 3.605 min Scan# 41
Delta R.T. 0.000 min
Lab File: VX045383.D
Acq: 21 Mar 2025 13:18

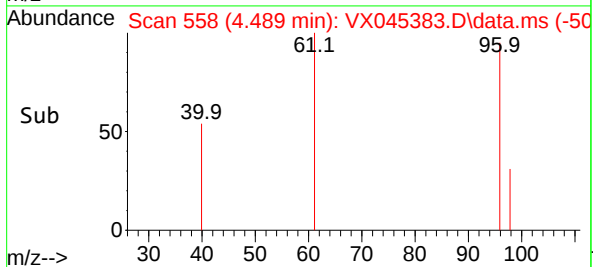
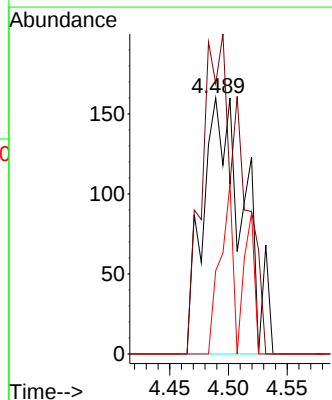
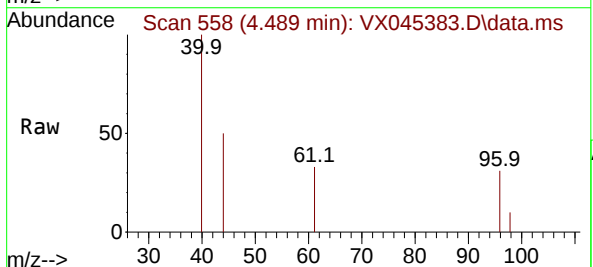
Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20250313DL

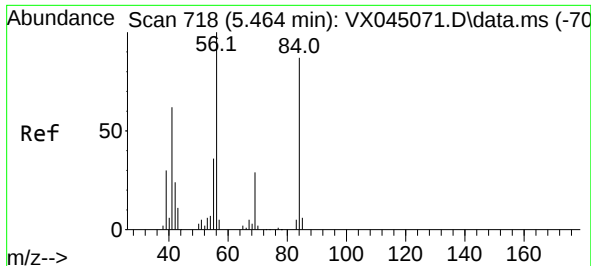
Tgt Ion: 63 Resp: 347
Ion Ratio Lower Upper
63 100
98 0.0 3.4 10.2#
100 0.0 2.1 6.5#



#27
cis-1,2-Dichloroethene
Concen: 0.383 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.006 min
Lab File: VX045383.D
Acq: 21 Mar 2025 13:18

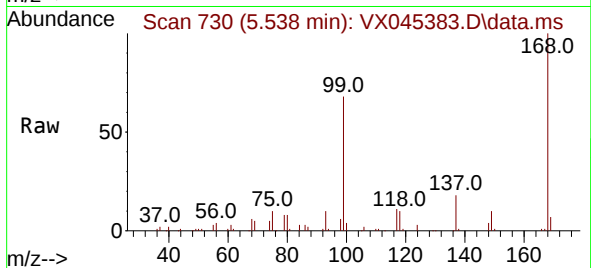
Tgt Ion: 96 Resp: 389
Ion Ratio Lower Upper
96 100
61 117.5 0.0 283.2
98 20.8 0.0 128.0



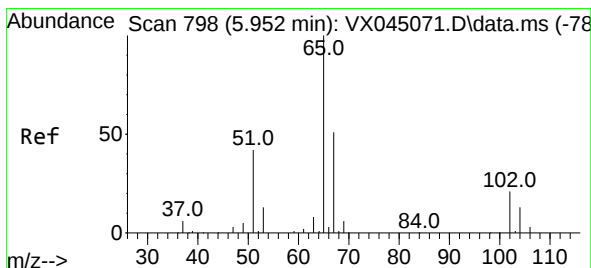
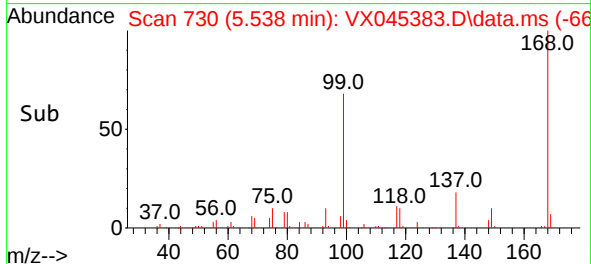
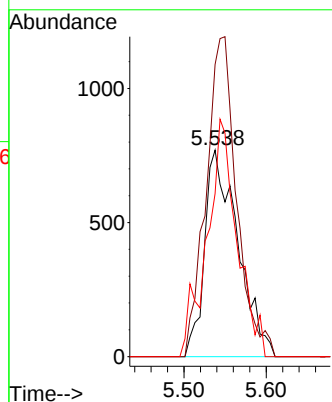


#31
Cyclohexane
Concen: 1.478 ug/l
RT: 5.538 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX045383.D
Acq: 21 Mar 2025 13:18

Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20250313DL

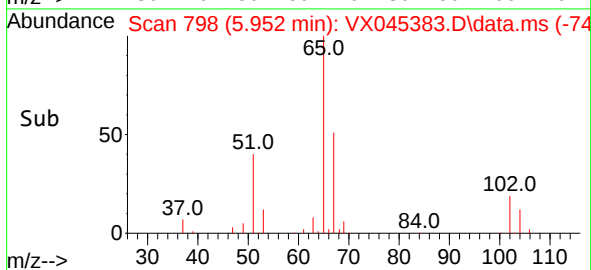
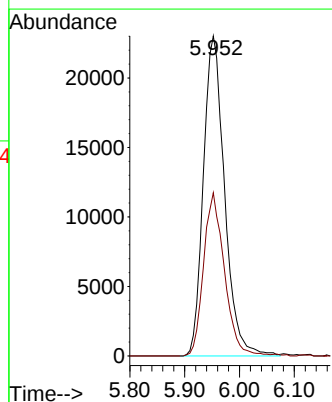
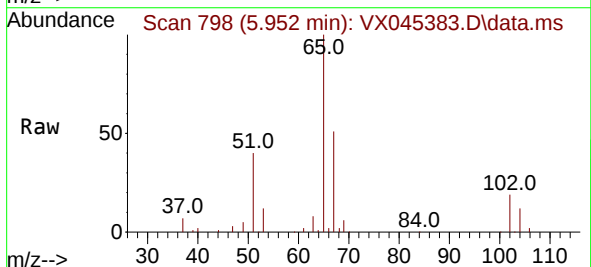


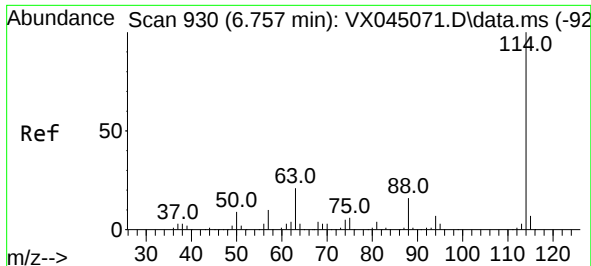
Tgt Ion: 56 Resp: 2168
Ion Ratio Lower Upper
56 100
69 141.4 23.4 35.2#
84 79.0 69.4 104.2



#33
1,2-Dichloroethane-d4
Concen: 57.373 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045383.D
Acq: 21 Mar 2025 13:18

Tgt Ion: 65 Resp: 61840
Ion Ratio Lower Upper
65 100
67 50.0 0.0 106.2

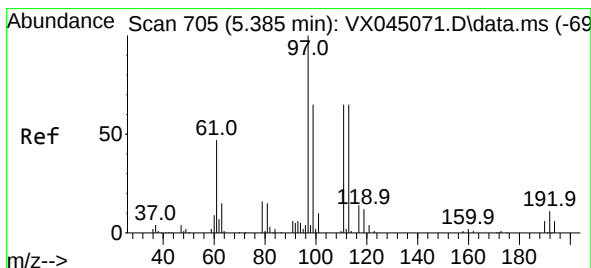
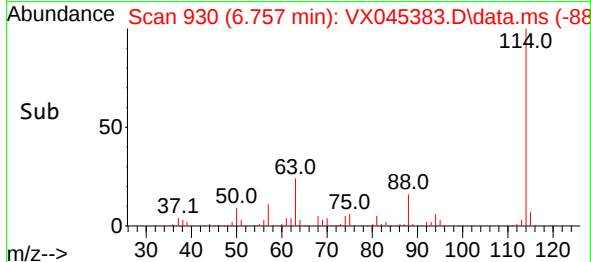
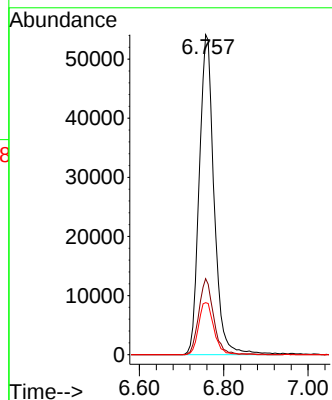
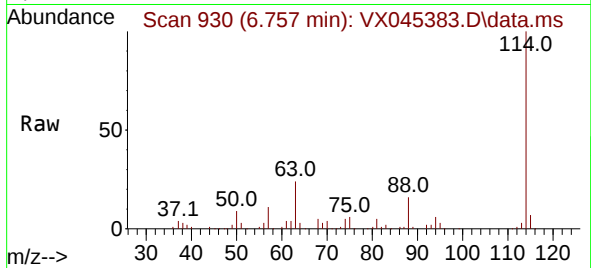




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX045383.D
Acq: 21 Mar 2025 13:18

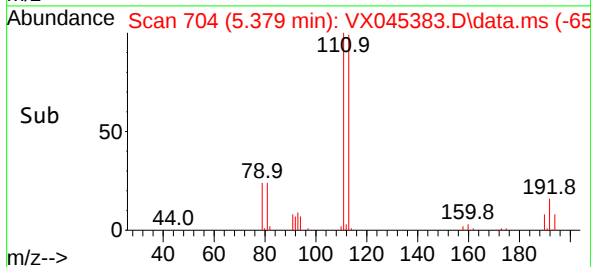
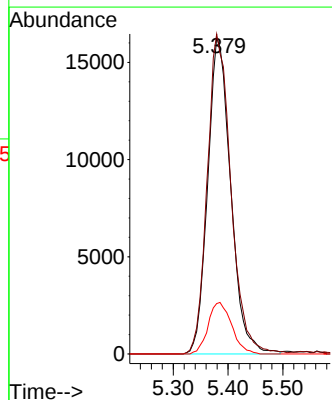
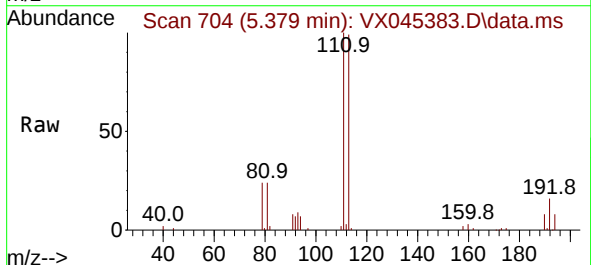
Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20250313DL

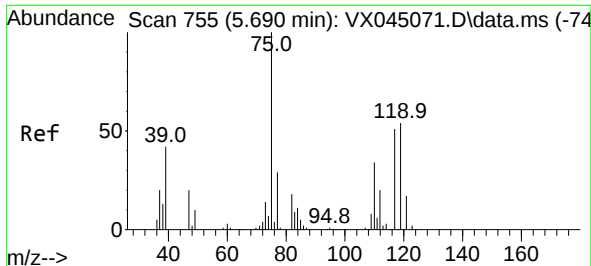
Tgt Ion:114 Resp: 132441
Ion Ratio Lower Upper
114 100
63 23.7 0.0 41.8
88 16.3 0.0 32.8



#35
Dibromofluoromethane
Concen: 53.480 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045383.D
Acq: 21 Mar 2025 13:18

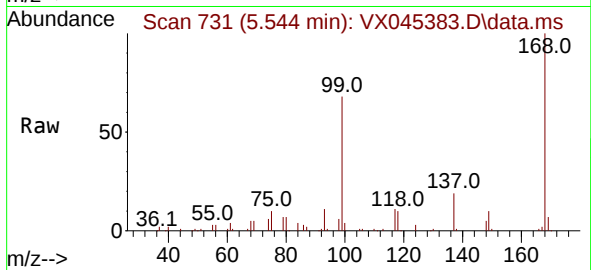
Tgt Ion:113 Resp: 47362
Ion Ratio Lower Upper
113 100
111 104.4 81.8 122.6
192 16.7 14.3 21.5



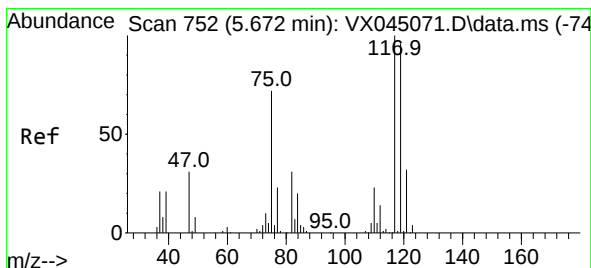
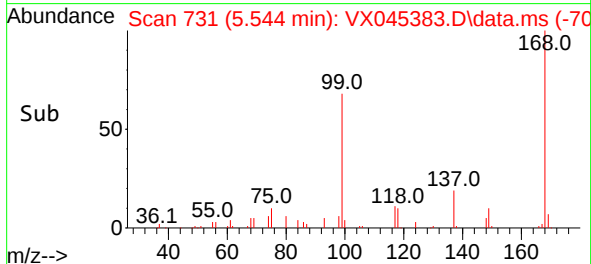
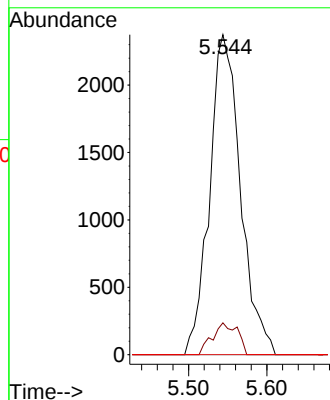


#36
1,1-Dichloropropene
Concen: 5.362 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX045383.D
Acq: 21 Mar 2025 13:18

Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20250313DL

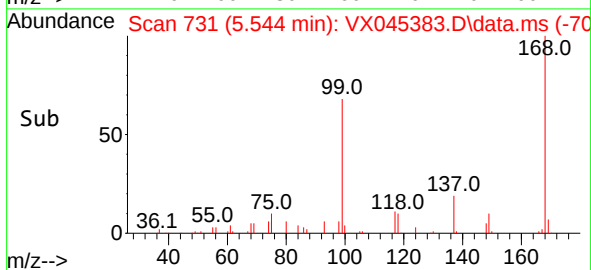
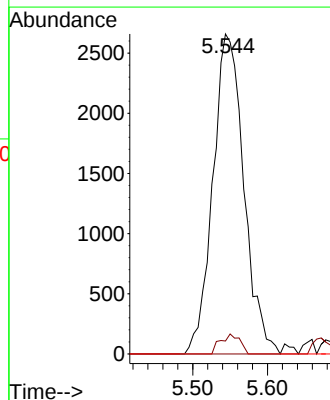
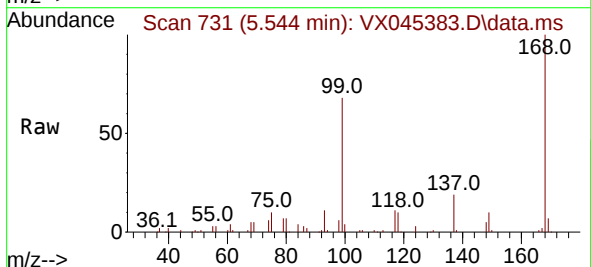


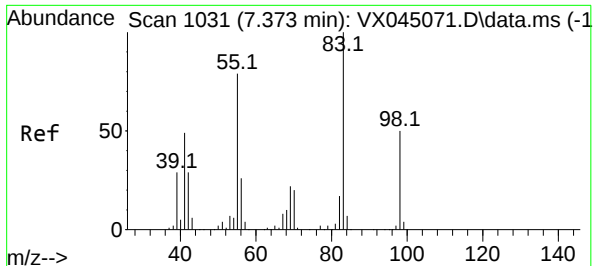
Tgt Ion: 75 Resp: 6512
Ion Ratio Lower Upper
75 100
110 8.1 16.9 50.6#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 6.208 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX045383.D
Acq: 21 Mar 2025 13:18

Tgt Ion: 117 Resp: 7655
Ion Ratio Lower Upper
117 100
119 4.0 76.7 115.1#
121 0.0 25.5 38.3#





#39

Methylcyclohexane

Concen: 0.445 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.250 min

Lab File: VX045383.D

Acq: 21 Mar 2025 13:18

Instrument :

MSVOA_X

ClientSampleId :

TT180D2-20250313DL

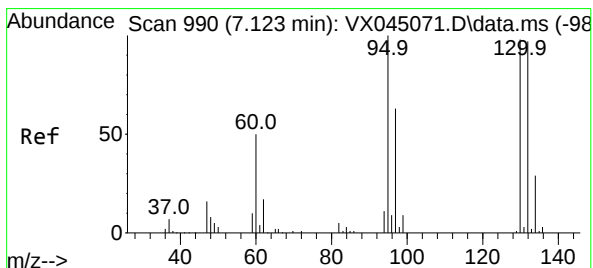
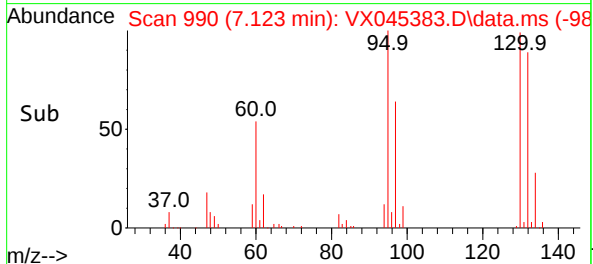
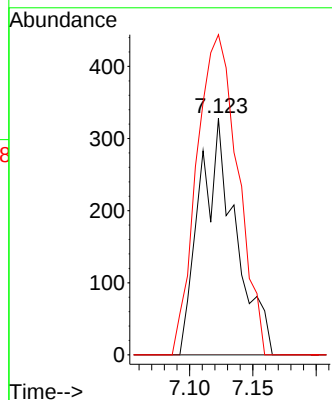
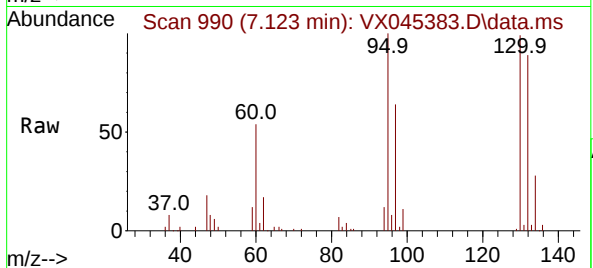
Tgt Ion: 83 Resp: 648

Ion Ratio Lower Upper

83 100

55 0.0 63.0 94.4#

98 135.4 39.7 59.5#



#44

Trichloroethene

Concen: 45.175 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX045383.D

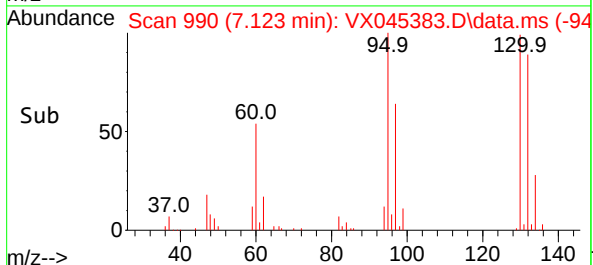
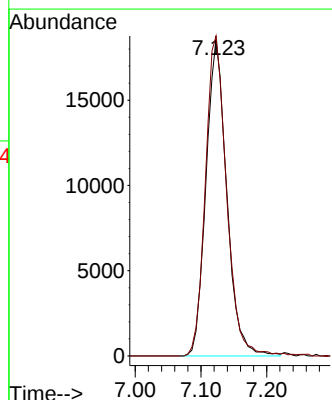
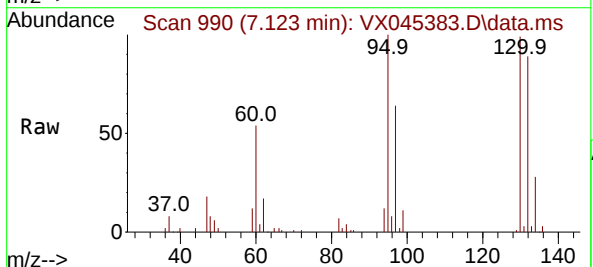
Acq: 21 Mar 2025 13:18

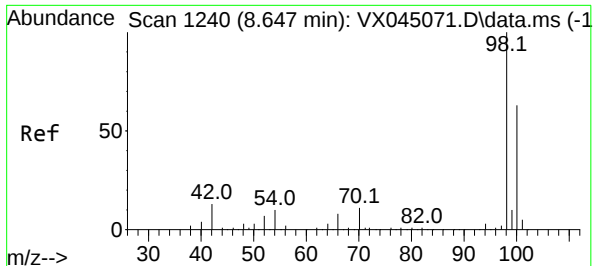
Tgt Ion:130 Resp: 40681

Ion Ratio Lower Upper

130 100

95 101.2 0.0 205.0

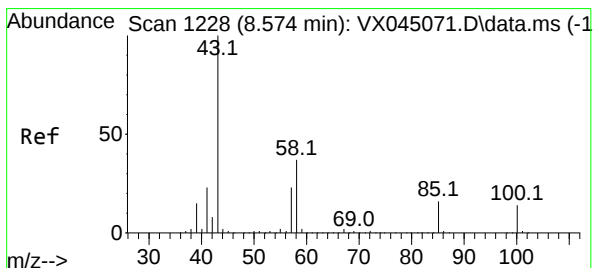
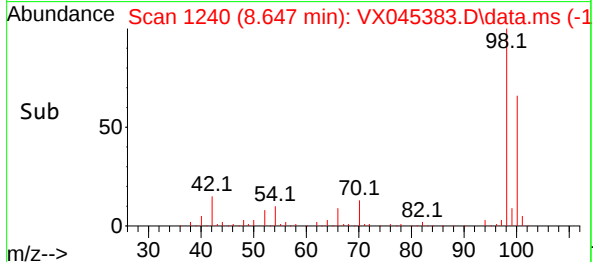
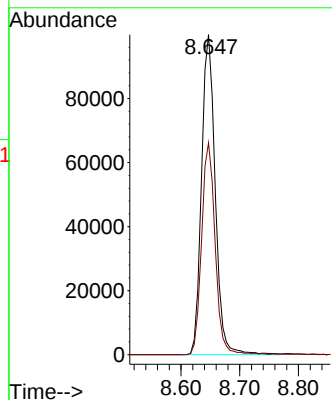
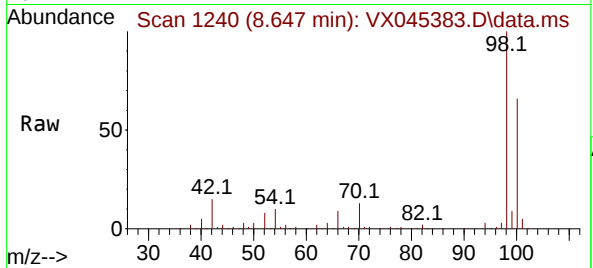




#50
Toluene-d8
Concen: 50.372 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045383.D
Acq: 21 Mar 2025 13:18

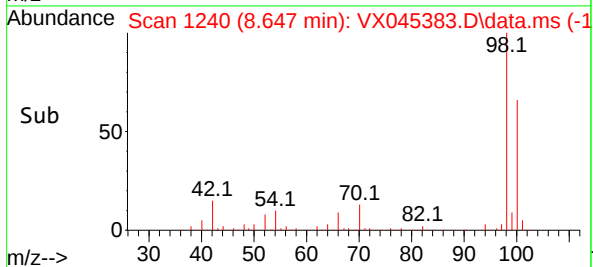
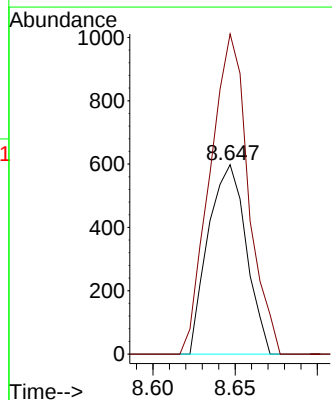
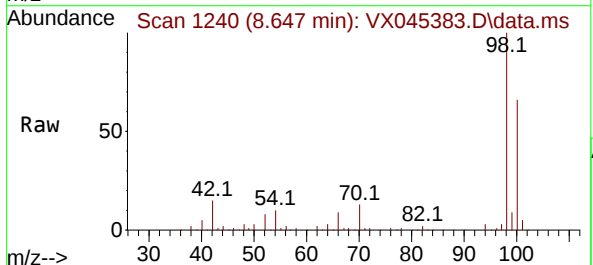
Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20250313DL

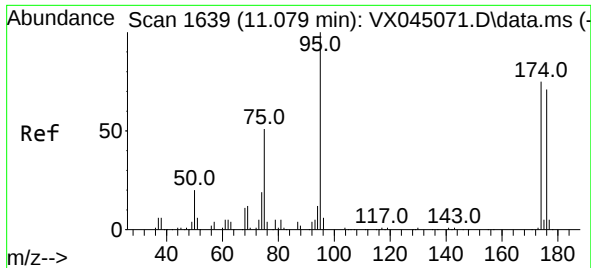
Tgt Ion: 98 Resp: 161724
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.619 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX045383.D
Acq: 21 Mar 2025 13:18

Tgt Ion: 43 Resp: 962
Ion Ratio Lower Upper
43 100
58 171.1 29.2 43.8#

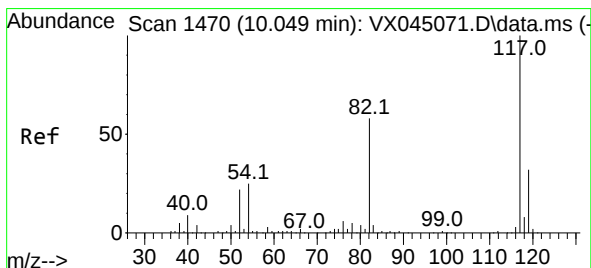
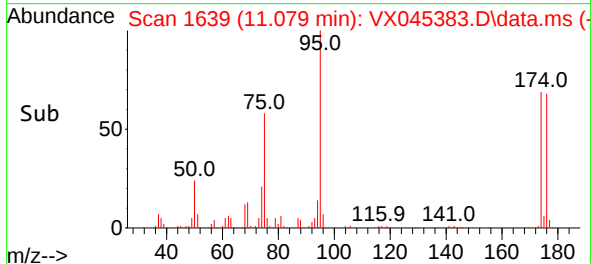
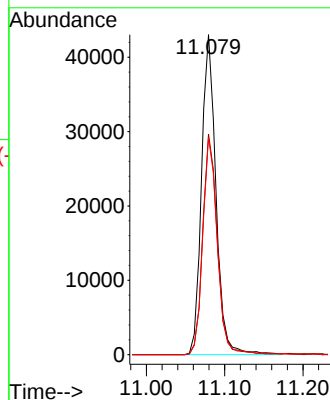
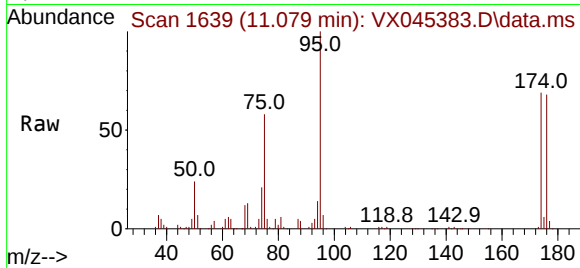




#62
4-Bromofluorobenzene
Concen: 51.821 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045383.D
Acq: 21 Mar 2025 13:18

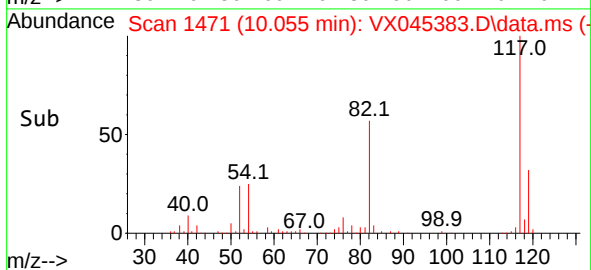
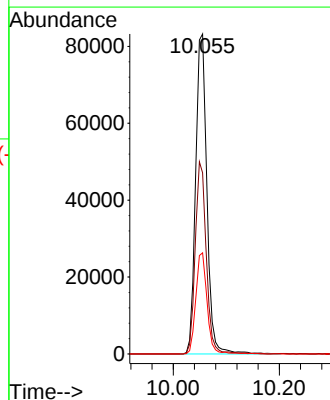
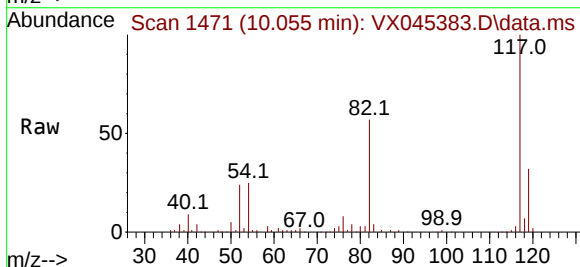
Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20250313DL

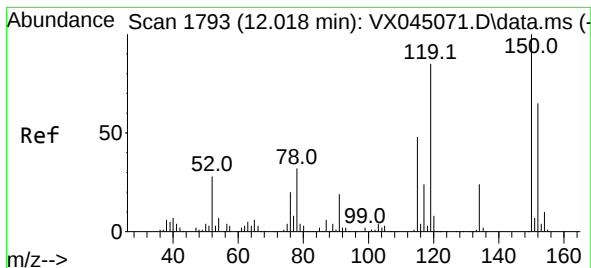
Tgt Ion: 95 Resp: 55132
Ion Ratio Lower Upper
95 100
174 69.9 0.0 148.2
176 68.1 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX045383.D
Acq: 21 Mar 2025 13:18

Tgt Ion: 117 Resp: 123000
Ion Ratio Lower Upper
117 100
82 56.6 46.3 69.5
119 31.6 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX045383.D

Acq: 21 Mar 2025 13:18

Instrument :

MSVOA_X

ClientSampleId :

TT180D2-20250313DL

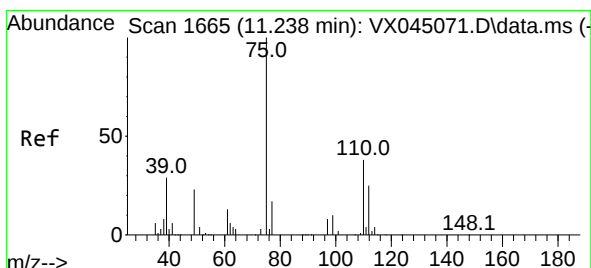
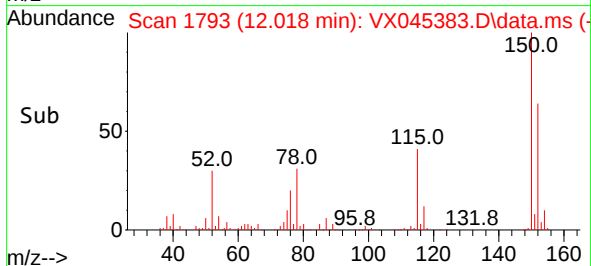
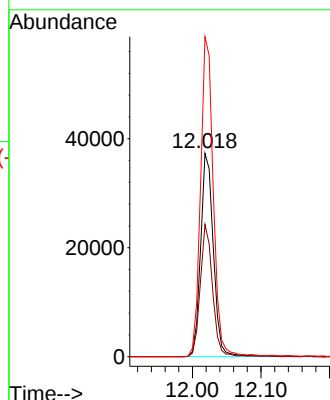
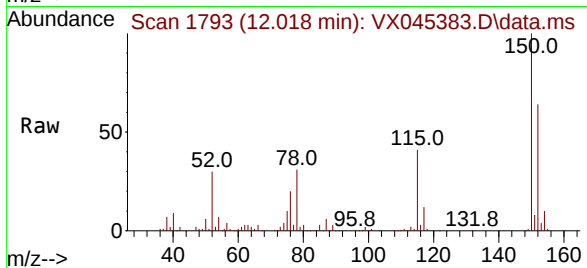
Tgt Ion:152 Resp: 48525

Ion Ratio Lower Upper

152 100

115 62.5 44.2 132.6

150 156.7 0.0 349.0



#76

1,2,3-Trichloropropane

Concen: 28.167 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX045383.D

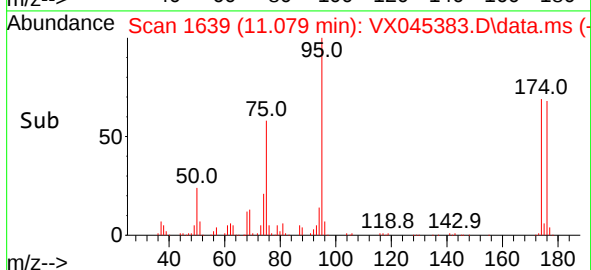
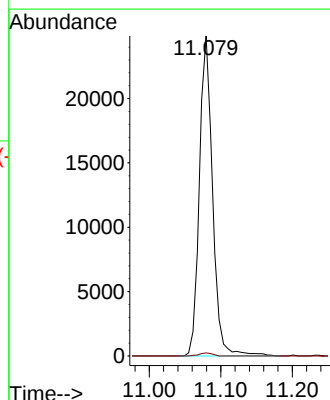
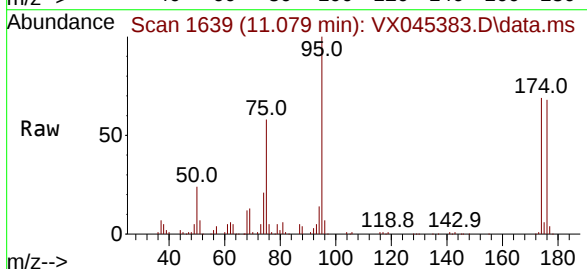
Acq: 21 Mar 2025 13:18

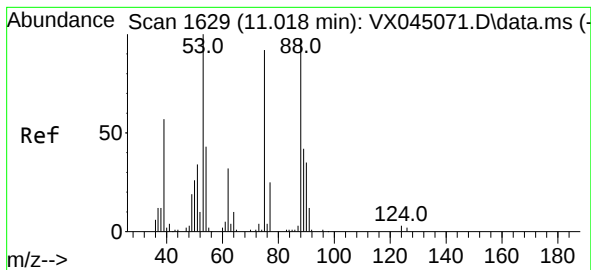
Tgt Ion: 75 Resp: 31813

Ion Ratio Lower Upper

75 100

77 1.0 20.7 62.1#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 96.394 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.061 min
 Lab File: VX045383.D
 Acq: 21 Mar 2025 13:18

Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D2-20250313DL

Tgt Ion: 75 Resp: 31813
 Ion Ratio Lower Upper
 75 100
 53 0.0 88.5 132.7#
 89 0.0 36.2 54.4#

