

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031025\
 Data File : VX045185.D
 Acq On : 10 Mar 2025 10:57
 Operator : JC/MD
 Sample : VX0310WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 11 03:51:06 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)

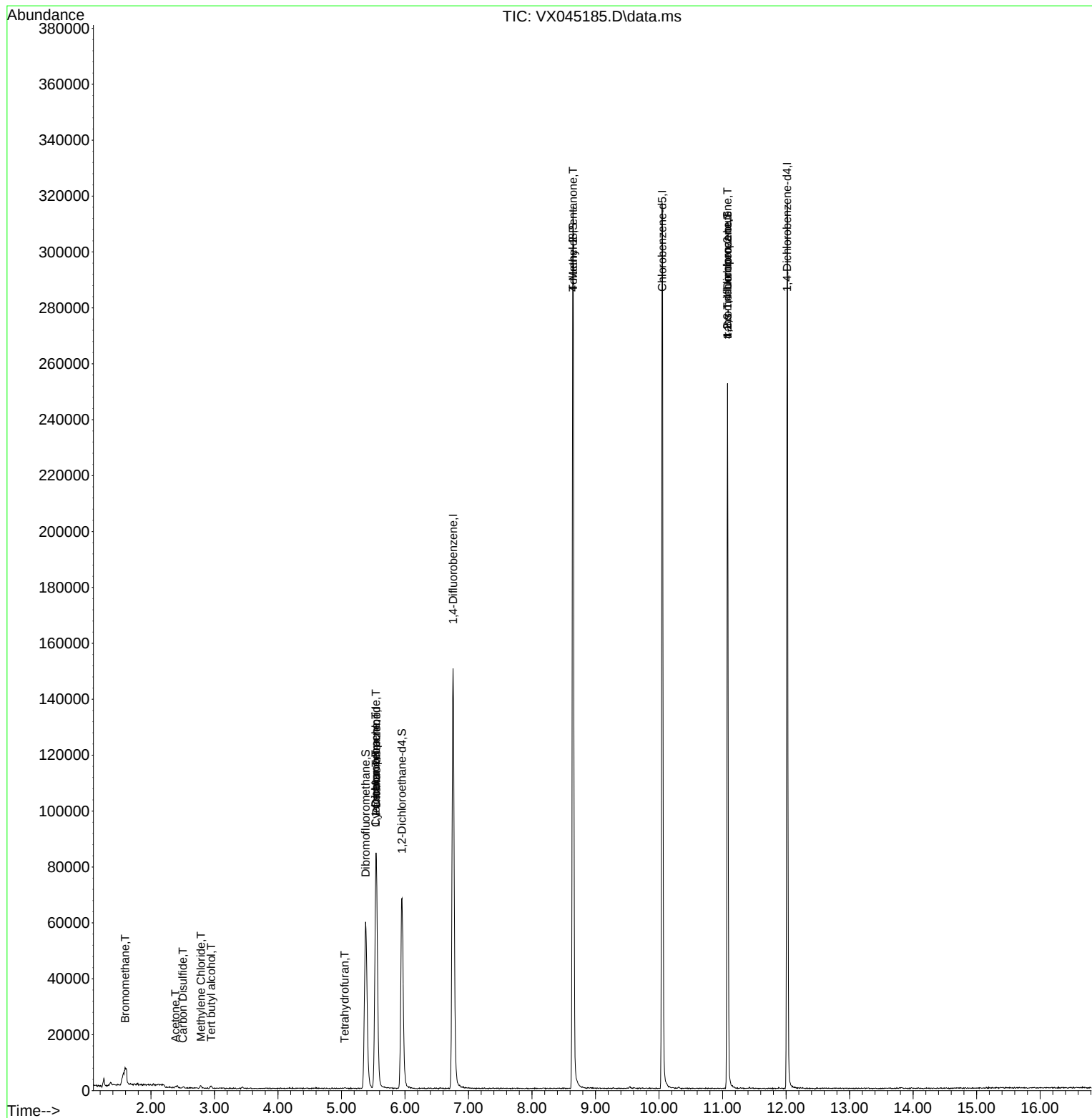
Internal Standards						
1) Pentafluorobenzene	5.550	168	76457	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	152674	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	139915	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	59432	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64489	53.027	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.060%			
35) Dibromofluoromethane	5.379	113	52216	51.147	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.300%			
50) Toluene-d8	8.647	98	187192	50.578	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.160%			
62) 4-Bromofluorobenzene	11.079	95	65631	53.514	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 107.020%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.593	94	225	0.490	ug/l #	67
11) Tert butyl alcohol	2.947	59	348	1.511	ug/l #	73
16) Acetone	2.386	43	539	0.955	ug/l #	82
17) Carbon Disulfide	2.502	76	608	0.243	ug/l #	77
20) Methylene Chloride	2.788	84	395	0.353	ug/l	97
29) Tetrahydrofuran	5.050	42	234	0.410	ug/l #	48
31) Cyclohexane	5.538	56	2110	1.275	ug/l #	45
36) 1,1-Dichloropropene	5.538	75	7093	5.066	ug/l #	49
38) Carbon Tetrachloride	5.544	117	8278	5.824	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1008	0.563	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	35268	25.496	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	35268	87.251	ug/l #	6

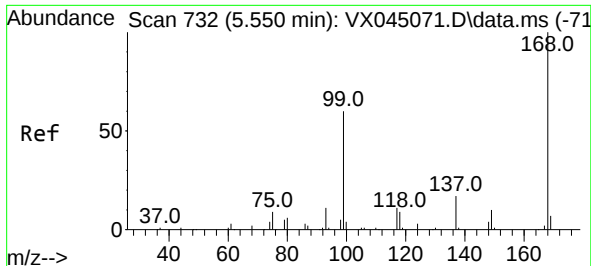
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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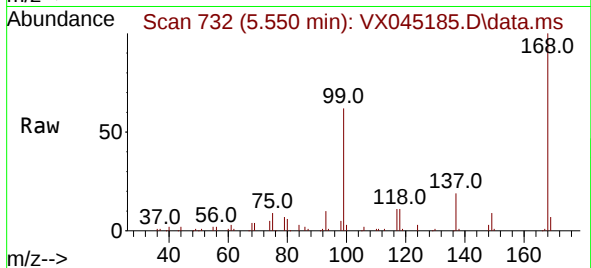


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045185.D
Acq: 10 Mar 2025 10:57

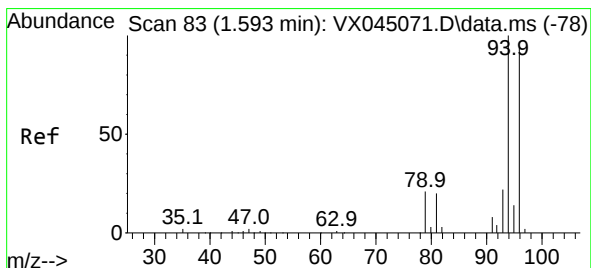
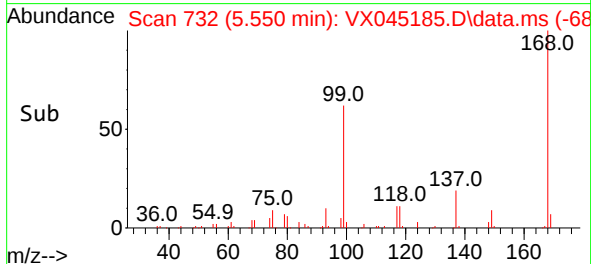
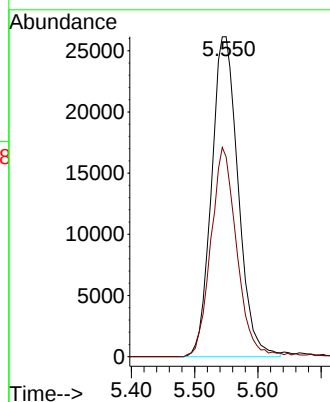
Instrument :

MSVOA_X

ClientSampleId :

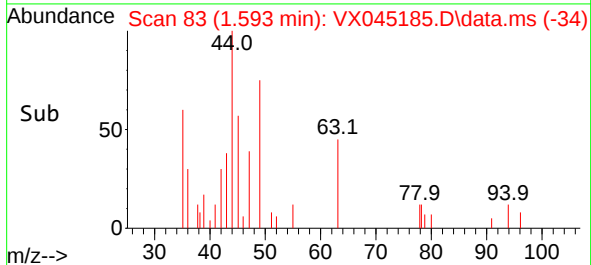
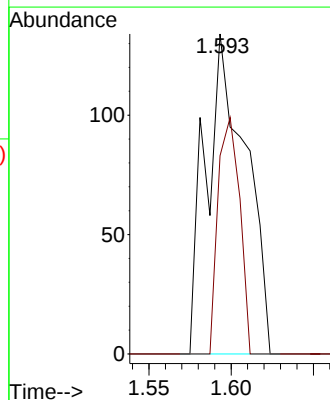
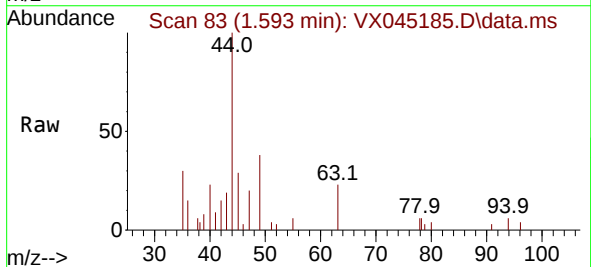


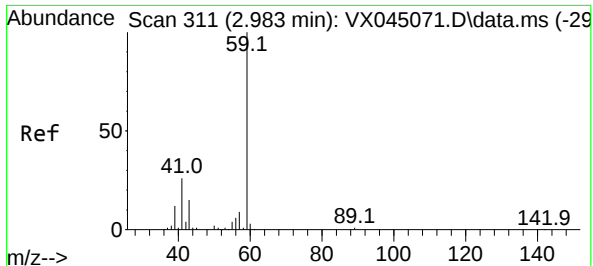
Tgt Ion:168 Resp: 76457
Ion Ratio Lower Upper
168 100
99 62.5 48.2 72.4



#5
Bromomethane
Concen: 0.490 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
Lab File: VX045185.D
Acq: 10 Mar 2025 10:57

Tgt Ion: 94 Resp: 225
Ion Ratio Lower Upper
94 100
96 61.9 75.0 112.4#





#11

Tert butyl alcohol

Concen: 1.511 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.037 min

Lab File: VX045185.D

Acq: 10 Mar 2025 10:57

Instrument :

MSVOA_X

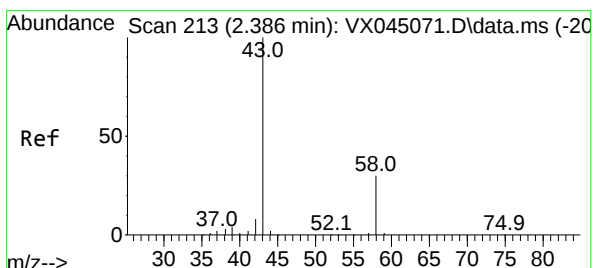
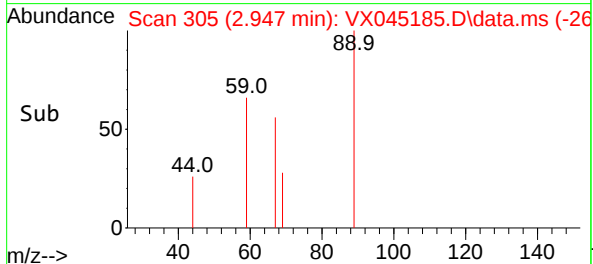
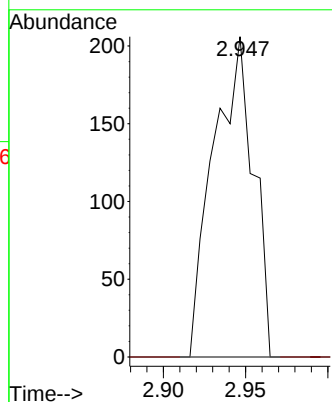
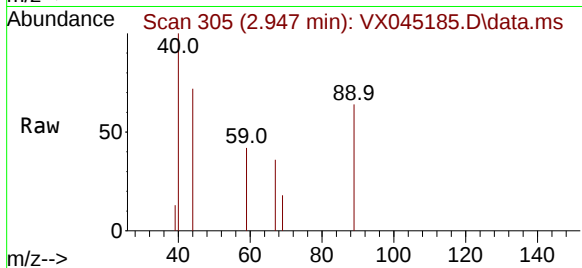
ClientSampleId :

Tgt Ion: 59 Resp: 348

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



#16

Acetone

Concen: 0.955 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX045185.D

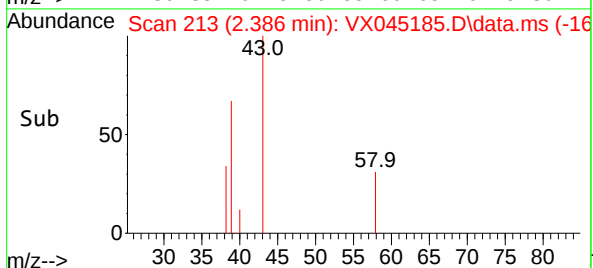
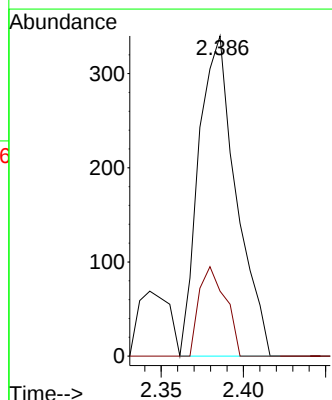
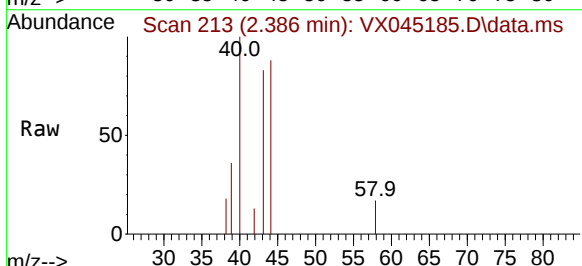
Acq: 10 Mar 2025 10:57

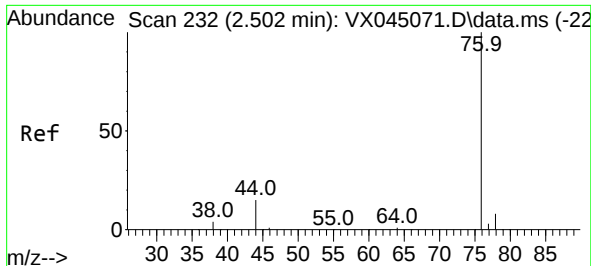
Tgt Ion: 43 Resp: 539

Ion Ratio Lower Upper

43 100

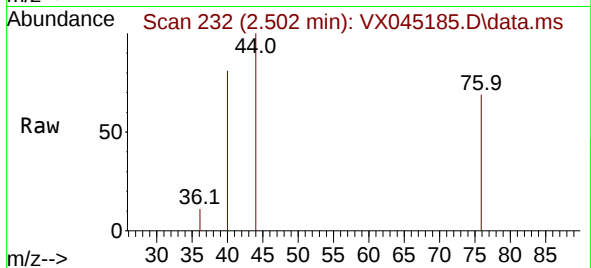
58 20.3 24.2 36.4#



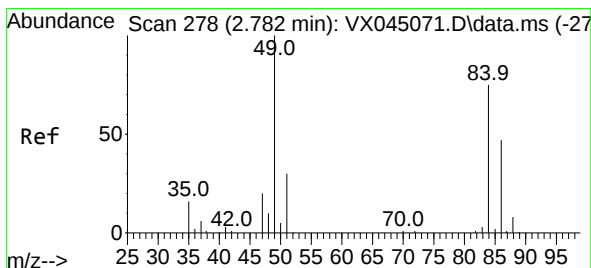
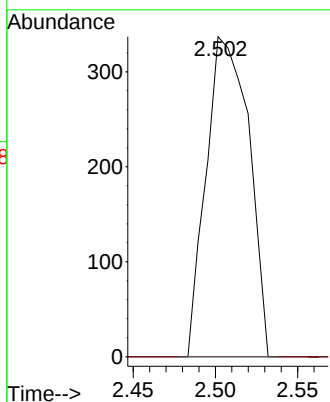
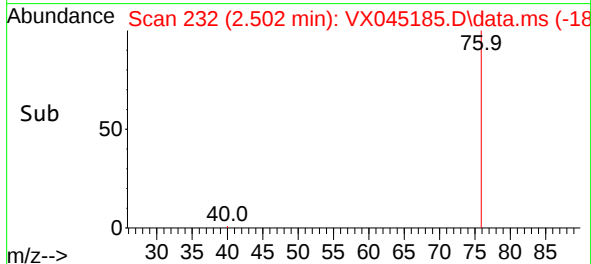


#17
Carbon Disulfide
Concen: 0.243 ug/l
RT: 2.502 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX045185.D
Acq: 10 Mar 2025 10:57

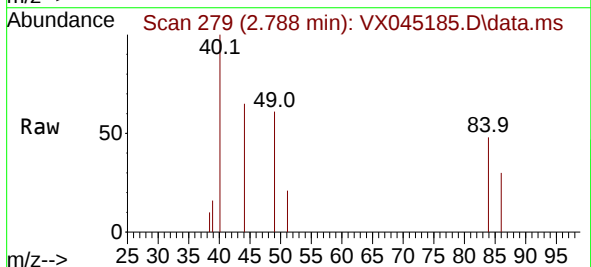
Instrument :
MSVOA_X
ClientSampleId :



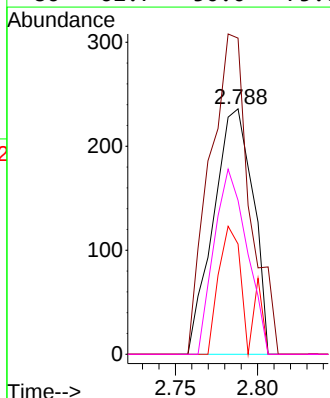
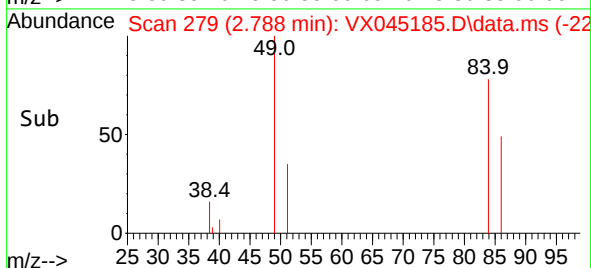
Tgt Ion: 76 Resp: 608
Ion Ratio Lower Upper
76 100
78 0.0 6.6 9.8#

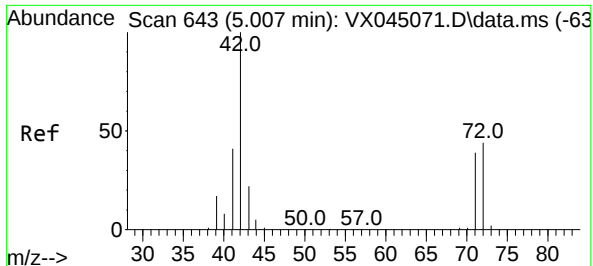


#20
Methylene Chloride
Concen: 0.353 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX045185.D
Acq: 10 Mar 2025 10:57



Tgt Ion: 84 Resp: 395
Ion Ratio Lower Upper
84 100
49 128.8 106.5 159.7
51 44.9 32.1 48.1
86 62.7 50.0 75.0





#29

Tetrahydrofuran

Concen: 0.410 ug/l

RT: 5.050 min Scan# 61

Delta R.T. 0.043 min

Lab File: VX045185.D

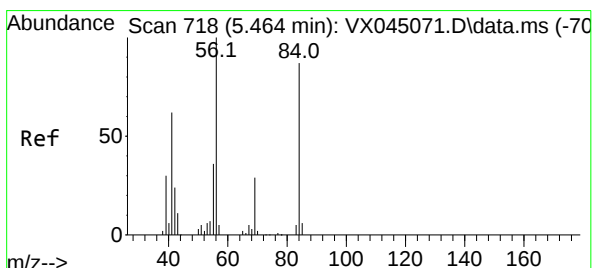
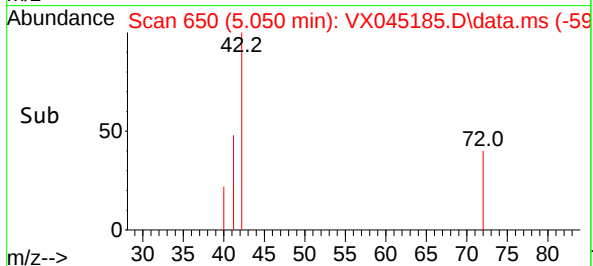
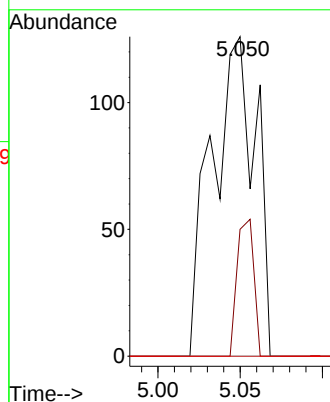
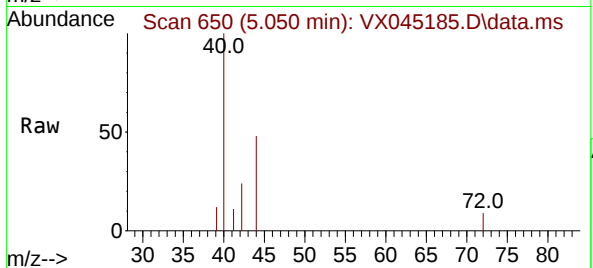
Acq: 10 Mar 2025 10:57

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 42	Resp: 234
Ion Ratio	Lower Upper
42	100
72	16.2 34.1 51.1#
71	0.0 31.4 47.0#



#31

Cyclohexane

Concen: 1.275 ug/l

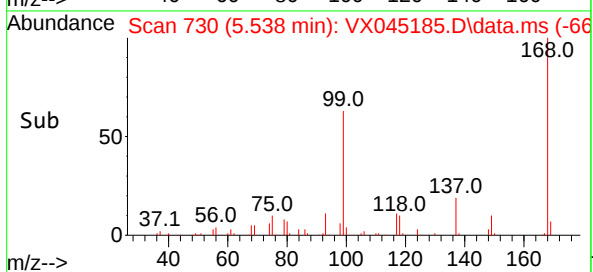
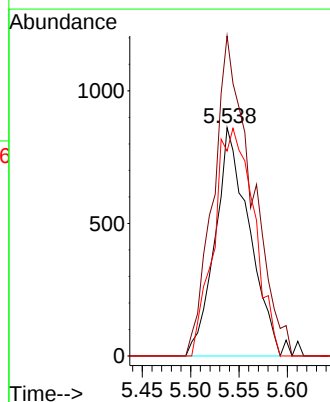
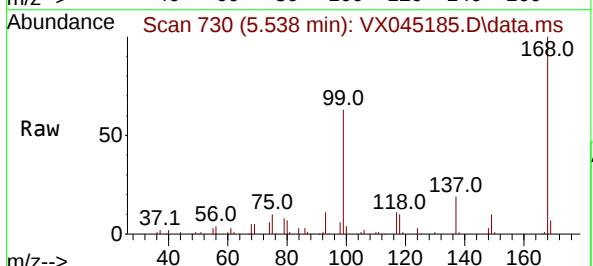
RT: 5.538 min Scan# 730

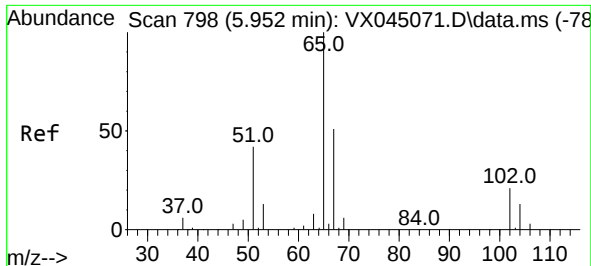
Delta R.T. 0.073 min

Lab File: VX045185.D

Acq: 10 Mar 2025 10:57

Tgt Ion: 56	Resp: 2110
Ion Ratio	Lower Upper
56	100
69	140.2 23.4 35.2#
84	89.8 69.4 104.2





#33

1,2-Dichloroethane-d4

Concen: 53.027 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045185.D

Acq: 10 Mar 2025 10:57

Instrument :

MSVOA_X

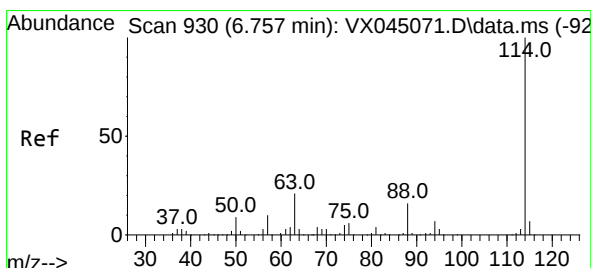
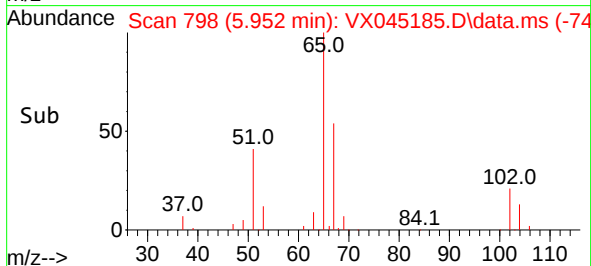
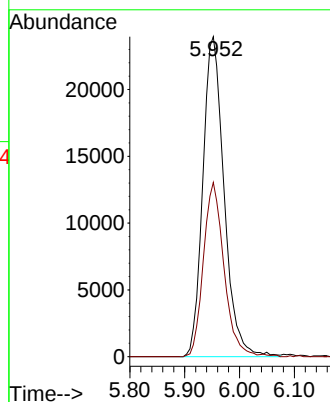
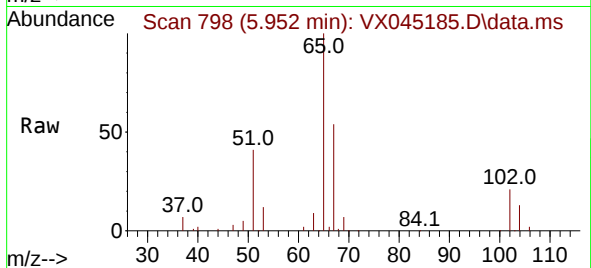
ClientSampleId :

Tgt Ion: 65 Resp: 64489

Ion Ratio Lower Upper

65 100

67 52.9 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: VX045185.D

Acq: 10 Mar 2025 10:57

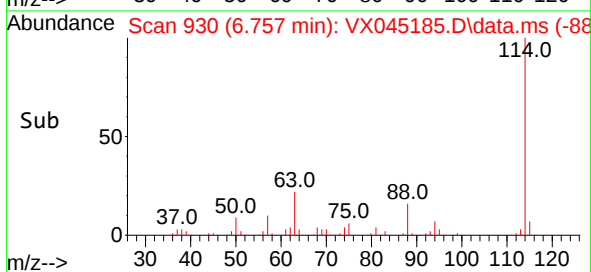
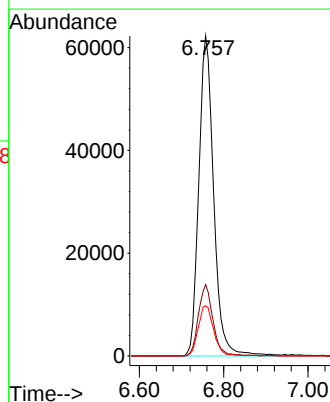
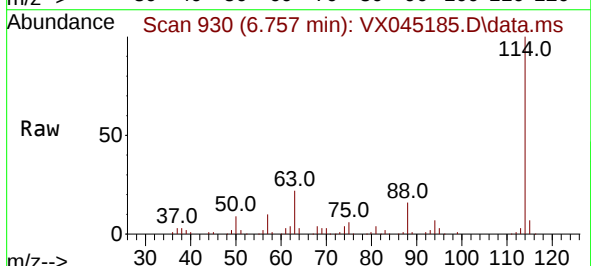
Tgt Ion: 114 Resp: 152674

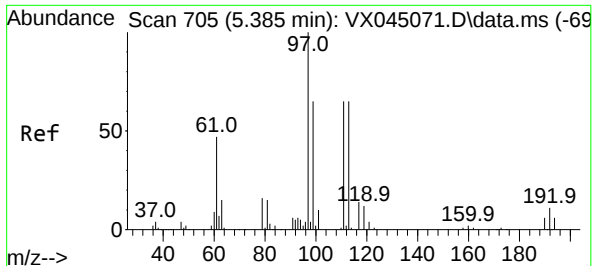
Ion Ratio Lower Upper

114 100

63 22.3 0.0 41.8

88 15.7 0.0 32.8





#35

Dibromofluoromethane

Concen: 51.147 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

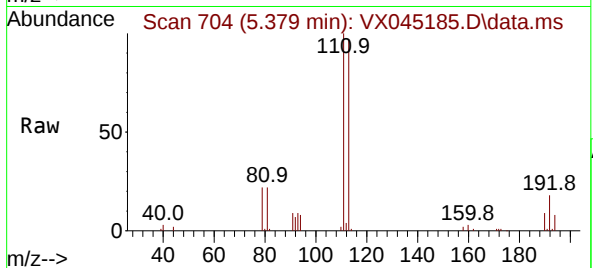
Lab File: VX045185.D

Acq: 10 Mar 2025 10:57

Instrument :

MSVOA_X

ClientSampleId :



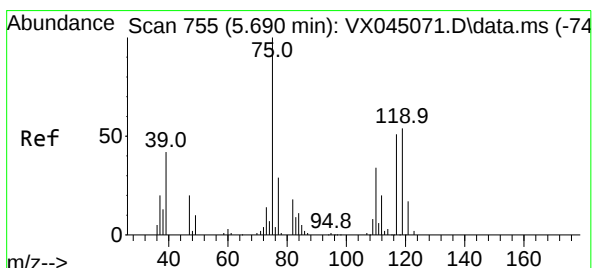
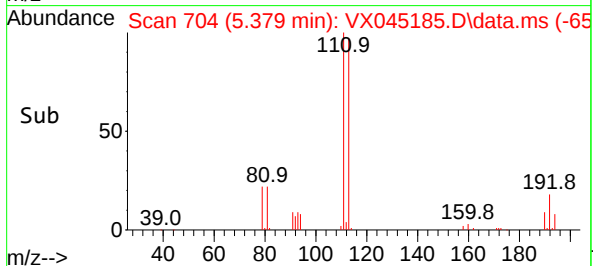
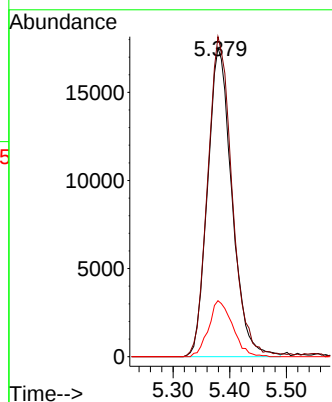
Tgt Ion:113 Resp: 52216

Ion Ratio Lower Upper

113 100

111 104.5 81.8 122.6

192 17.9 14.3 21.5



#36

1,1-Dichloropropene

Concen: 5.066 ug/l

RT: 5.538 min Scan# 730

Delta R.T. -0.152 min

Lab File: VX045185.D

Acq: 10 Mar 2025 10:57

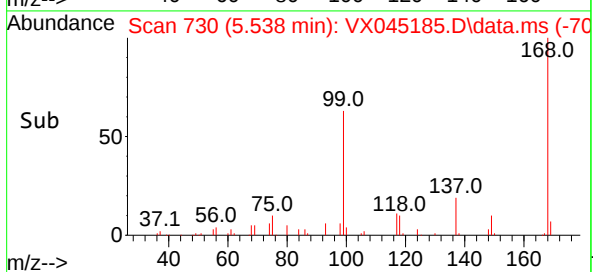
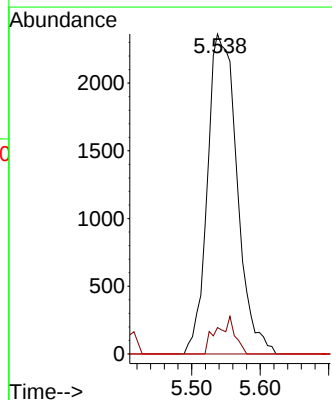
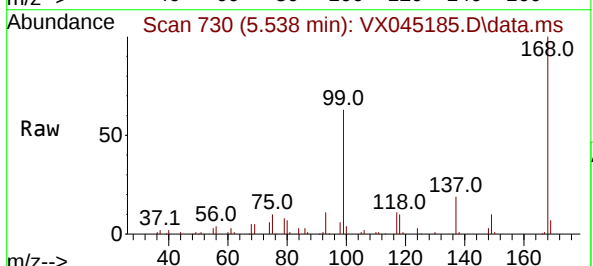
Tgt Ion: 75 Resp: 7093

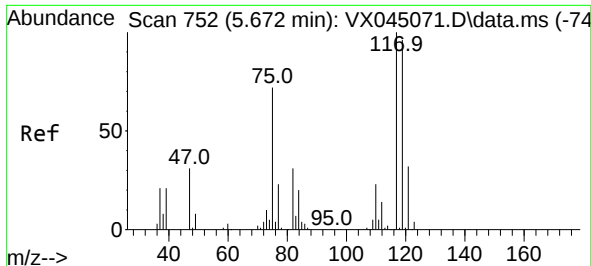
Ion Ratio Lower Upper

75 100

110 7.2 16.9 50.6#

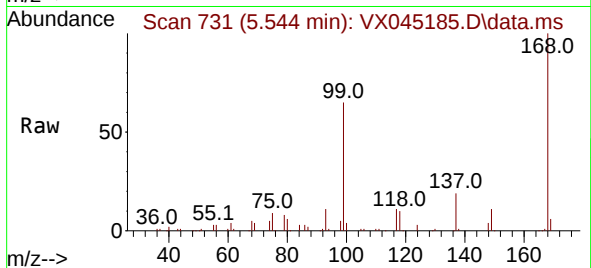
77 0.0 24.5 36.7#



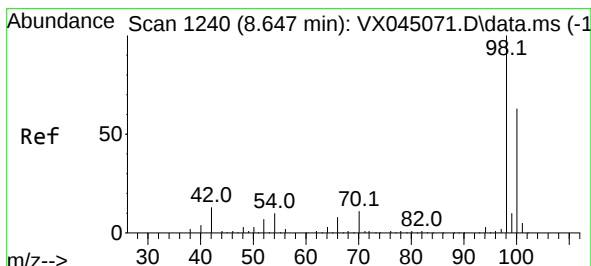
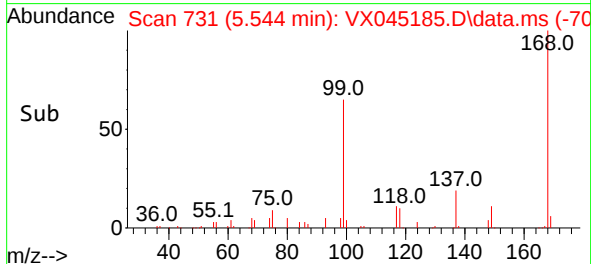
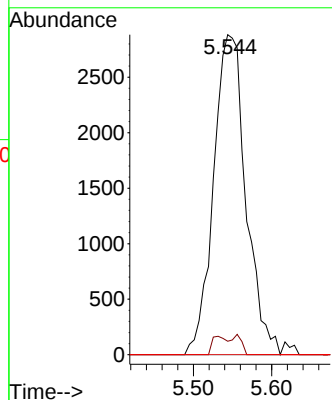


#38
Carbon Tetrachloride
Concen: 5.824 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX045185.D
Acq: 10 Mar 2025 10:57

Instrument :
MSVOA_X
ClientSampleId :

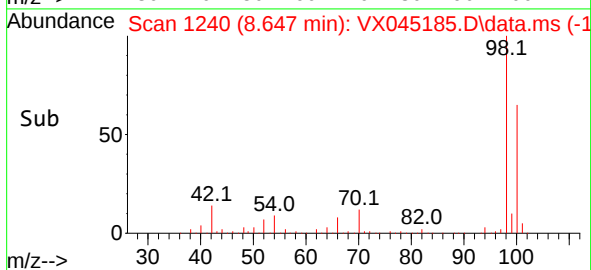
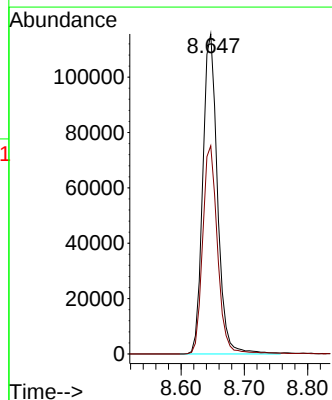
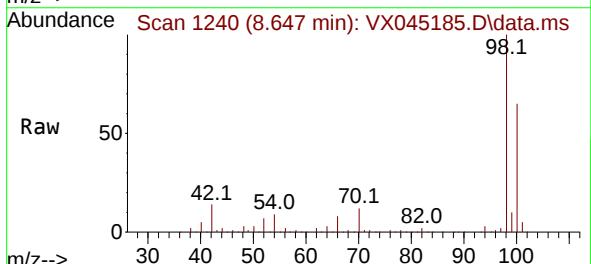


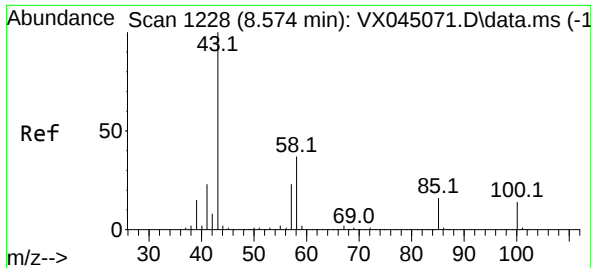
Tgt Ion:117 Resp: 8278
Ion Ratio Lower Upper
117 100
119 4.2 76.7 115.1#
121 0.0 25.5 38.3#



#50
Toluene-d8
Concen: 50.578 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045185.D
Acq: 10 Mar 2025 10:57

Tgt Ion: 98 Resp: 187192
Ion Ratio Lower Upper
98 100
100 65.7 52.0 78.0

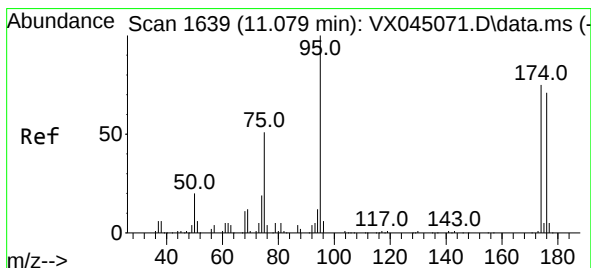
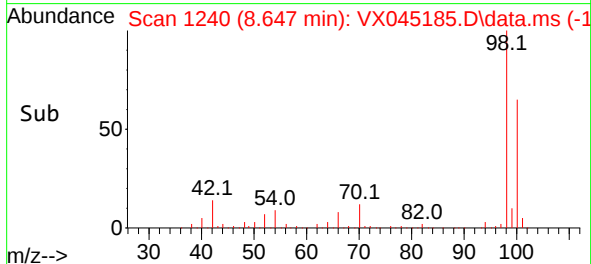
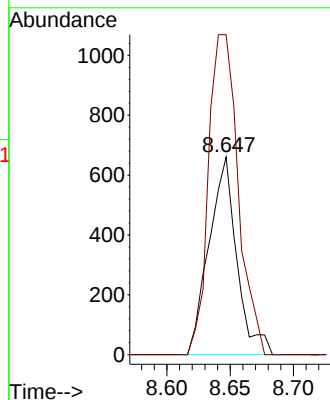
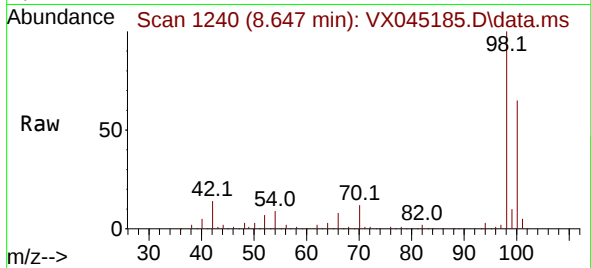




#51
4-Methyl-2-Pentanone
Concen: 0.563 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX045185.D
Acq: 10 Mar 2025 10:57

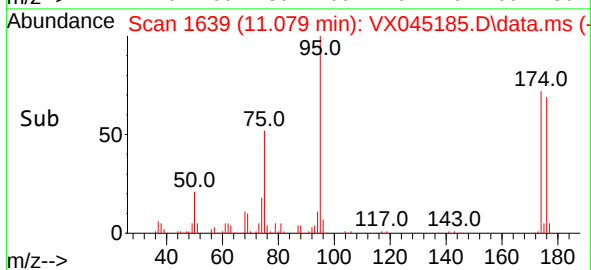
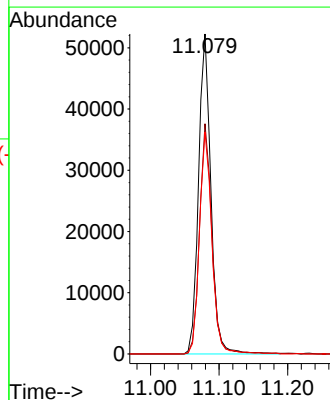
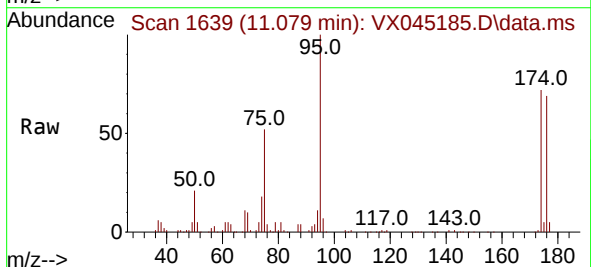
Instrument :
MSVOA_X
ClientSampleId :

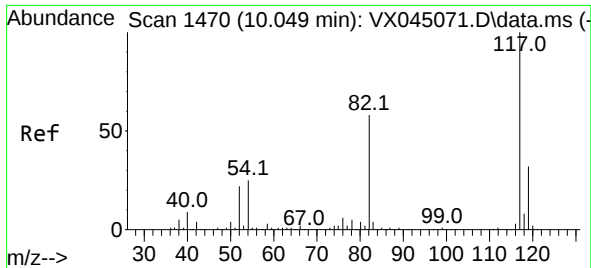
Tgt Ion: 43 Resp: 1008
Ion Ratio Lower Upper
43 100
58 173.4 29.2 43.8#



#62
4-Bromofluorobenzene
Concen: 53.514 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045185.D
Acq: 10 Mar 2025 10:57

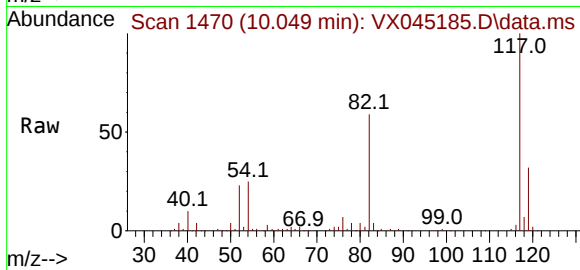
Tgt Ion: 95 Resp: 65631
Ion Ratio Lower Upper
95 100
174 72.5 0.0 148.2
176 69.9 0.0 141.4



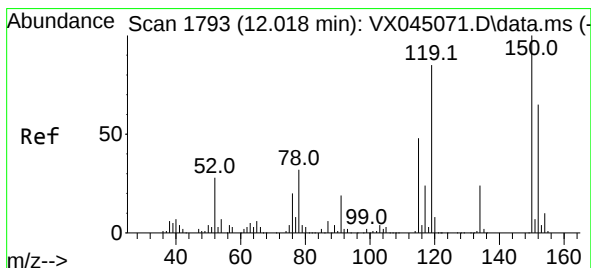
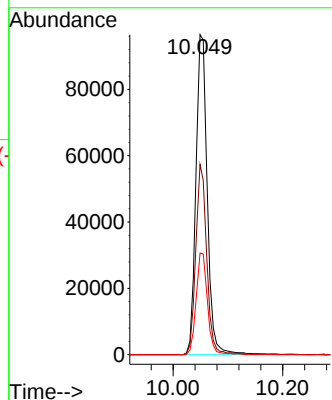
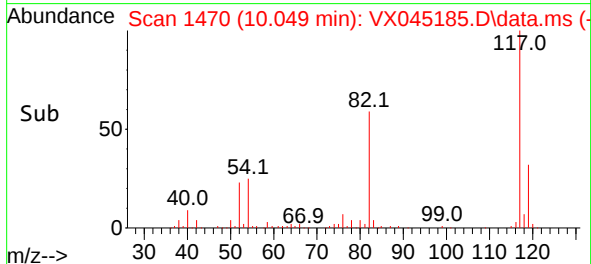


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045185.D
Acq: 10 Mar 2025 10:57

Instrument :
MSVOA_X
ClientSampleId :

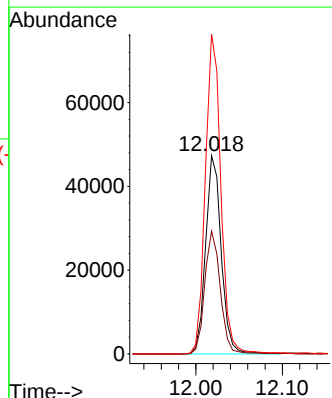
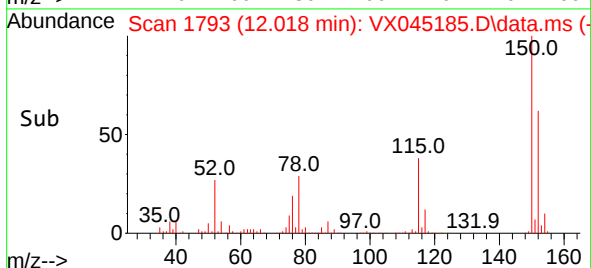
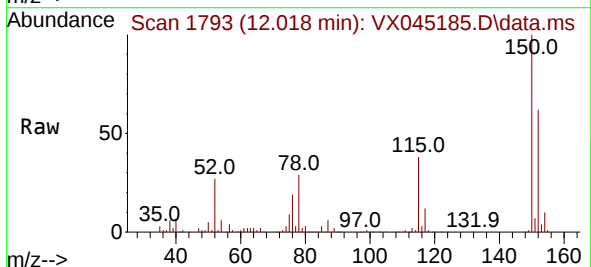


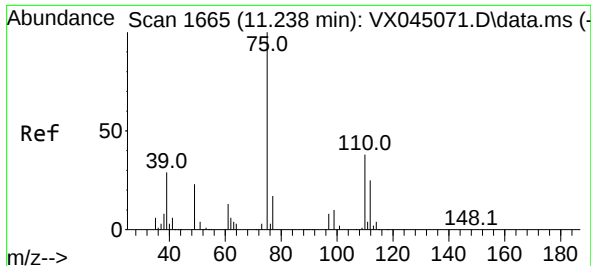
Tgt Ion:117 Resp: 139915
Ion Ratio Lower Upper
117 100
82 59.4 46.3 69.5
119 31.8 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045185.D
Acq: 10 Mar 2025 10:57

Tgt Ion:152 Resp: 59432
Ion Ratio Lower Upper
152 100
115 61.9 44.2 132.6
150 160.1 0.0 349.0

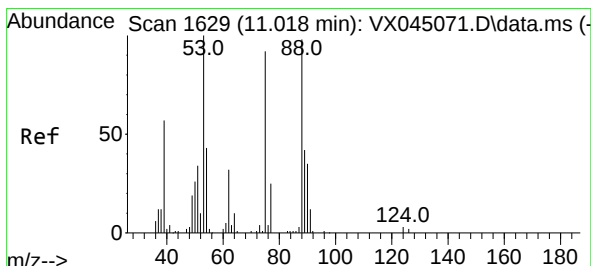
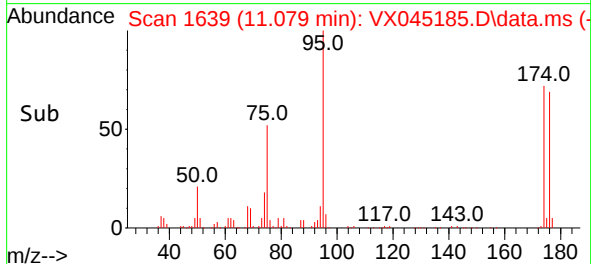
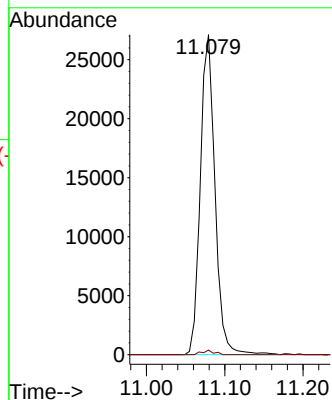
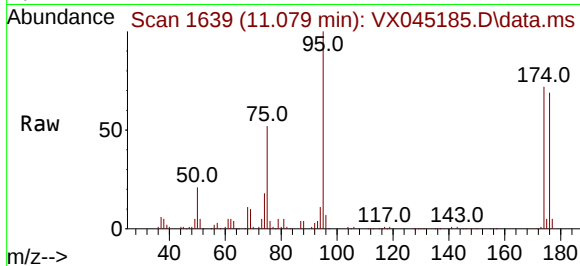




#76
1,2,3-Trichloropropane
Concen: 25.496 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045185.D
Acq: 10 Mar 2025 10:57

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 35268
Ion Ratio Lower Upper
75 100
77 1.2 20.7 62.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.251 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045185.D
Acq: 10 Mar 2025 10:57

Tgt Ion: 75 Resp: 35268
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.0 36.2 54.4#

