

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040425\
 Data File : VX045587.D
 Acq On : 04 Apr 2025 10:28
 Operator : JC/MD
 Sample : VX0404MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0404MBL01

Quant Time: Apr 04 23:10:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

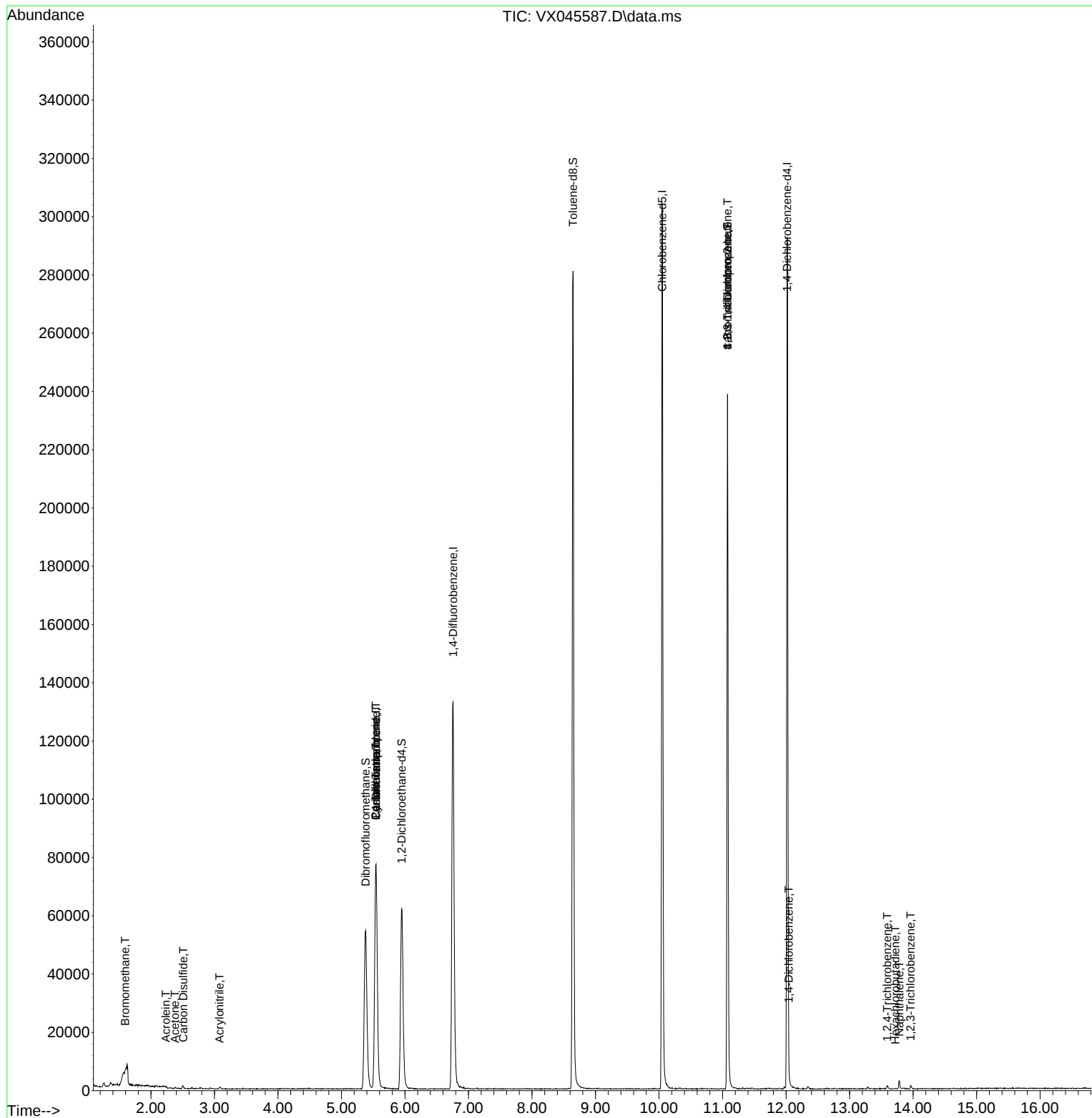
Internal Standards						
1) Pentafluorobenzene	5.544	168	66346	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	130664	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	123075	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	52898	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	64963	53.543	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.080%			
35) Dibromofluoromethane	5.379	113	47134	50.842	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.680%			
50) Toluene-d8	8.647	98	162514	50.224	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.440%			
62) 4-Bromofluorobenzene	11.079	95	61670	52.323	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.640%			
Target Compounds						Qvalue
5) Bromomethane	1.593	94	143	0.323	ug/l	94
13) Acrolein	2.233	56	205	0.913	ug/l	89
15) Acrylonitrile	3.081	53	247	0.480	ug/l #	43
16) Acetone	2.380	43	394	0.791	ug/l #	47
17) Carbon Disulfide	2.508	76	1006	0.511	ug/l #	76
31) Cyclohexane	5.544	56	2028	1.363	ug/l #	33
36) 1,1-Dichloropropene	5.544	75	6532	5.218	ug/l #	51
38) Carbon Tetrachloride	5.544	117	7909	5.846	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	35622	27.607	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	35622	93.696	ug/l #	1
88) 1,4-Dichlorobenzene	12.042	146	410	0.227	ug/l #	25
93) 1,2,4-Trichlorobenzene	13.591	180	425	0.431	ug/l	88
94) Hexachlorobutadiene	13.719	225	87	0.205	ug/l #	19
95) Naphthalene	13.786	128	2479	0.675	ug/l #	89
96) 1,2,3-Trichlorobenzene	13.963	180	528	0.511	ug/l	95

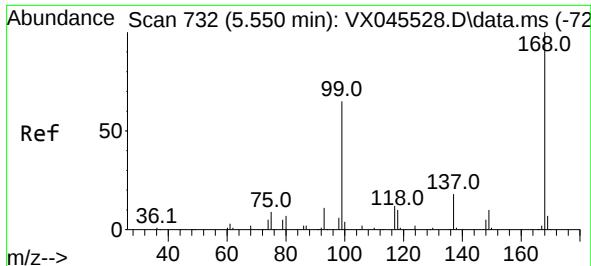
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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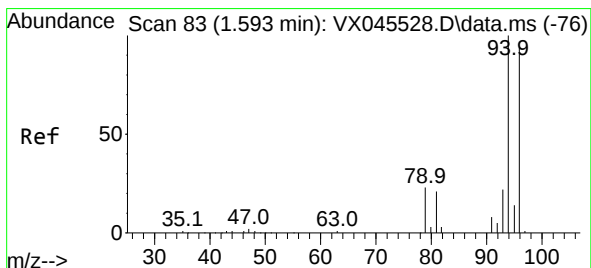
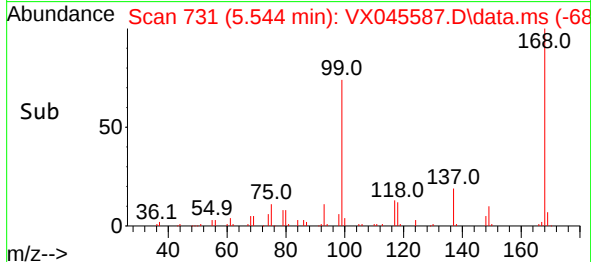
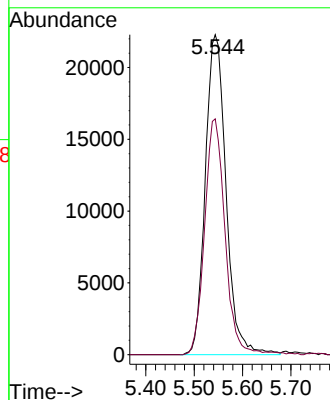
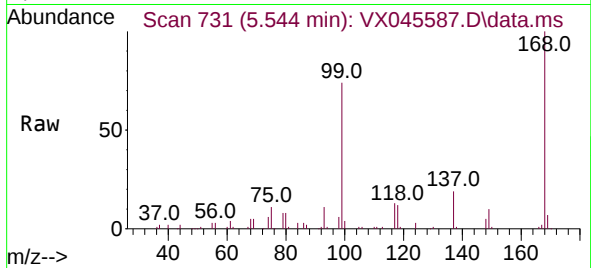




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045587.D
Acq: 04 Apr 2025 10:28

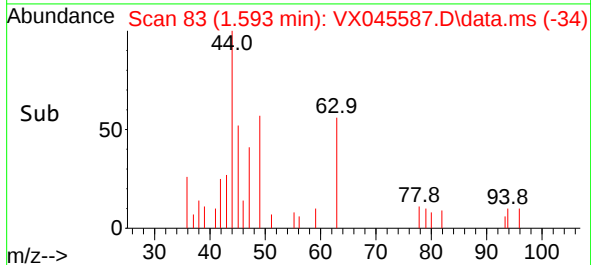
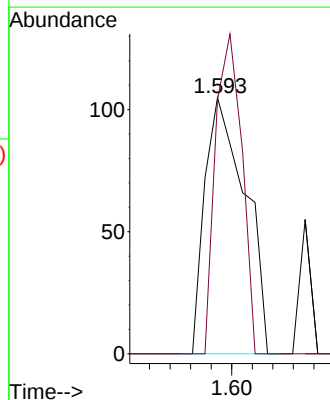
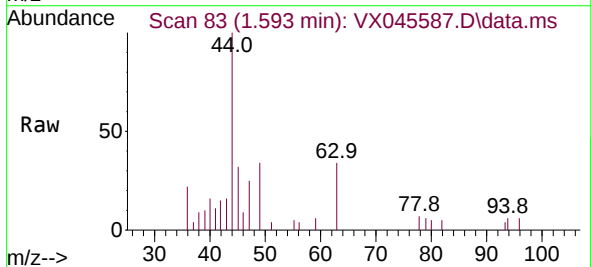
Instrument :
MSVOA_X
ClientSampleId :
VX0404MBL01

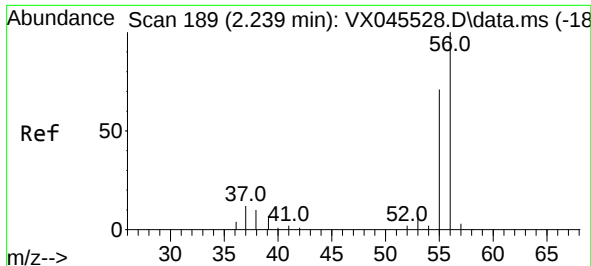
Tgt Ion:168 Resp: 66346
Ion Ratio Lower Upper
168 100
99 73.7 52.3 78.5



#5
Bromomethane
Concen: 0.323 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
Lab File: VX045587.D
Acq: 04 Apr 2025 10:28

Tgt Ion: 94 Resp: 143
Ion Ratio Lower Upper
94 100
96 99.0 74.8 112.2

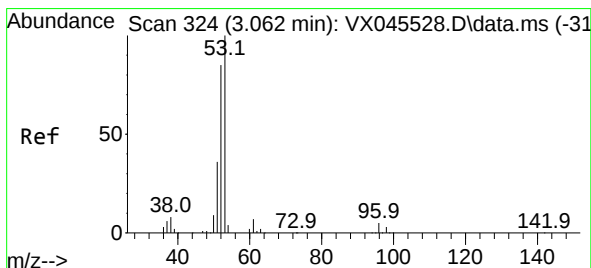
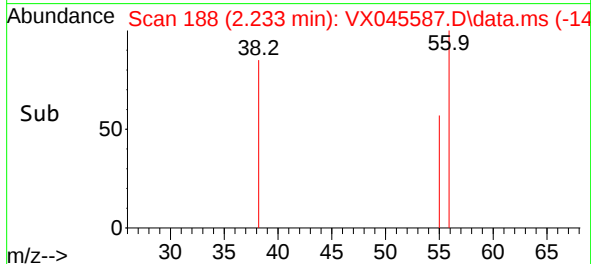
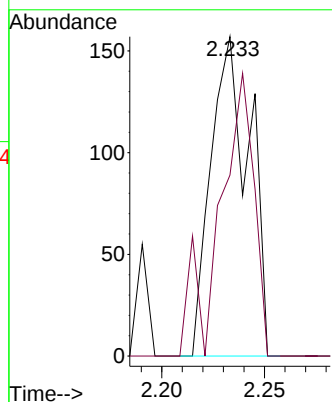
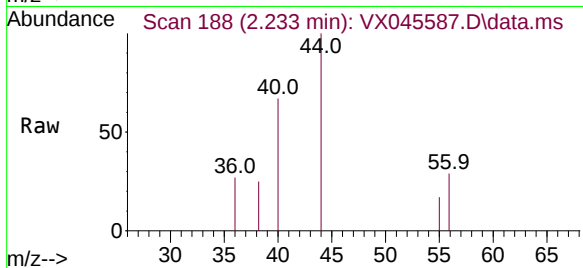




#13
Acrolein
Concen: 0.913 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX045587.D
Acq: 04 Apr 2025 10:28

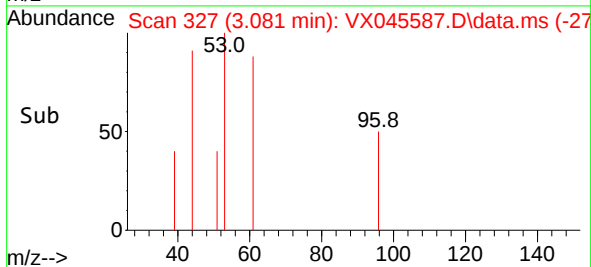
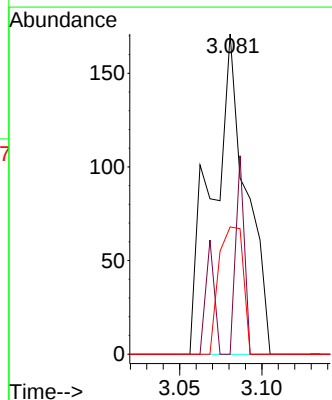
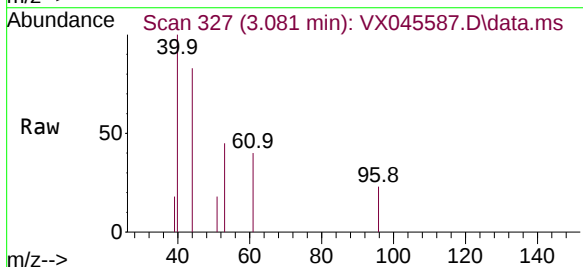
Instrument :
MSVOA_X
ClientSampleId :
VX0404MBL01

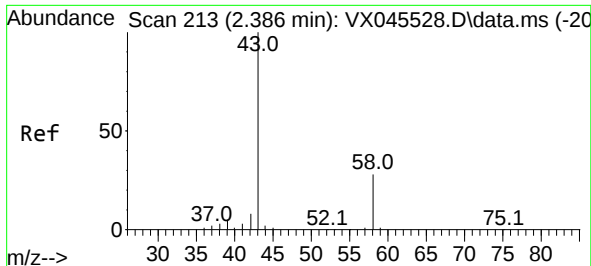
Tgt Ion: 56 Resp: 205
Ion Ratio Lower Upper
56 100
55 79.0 56.2 84.2



#15
Acrylonitrile
Concen: 0.480 ug/l
RT: 3.081 min Scan# 327
Delta R.T. 0.018 min
Lab File: VX045587.D
Acq: 04 Apr 2025 10:28

Tgt Ion: 53 Resp: 247
Ion Ratio Lower Upper
53 100
52 15.8 67.4 101.2#
51 27.9 29.9 44.9#

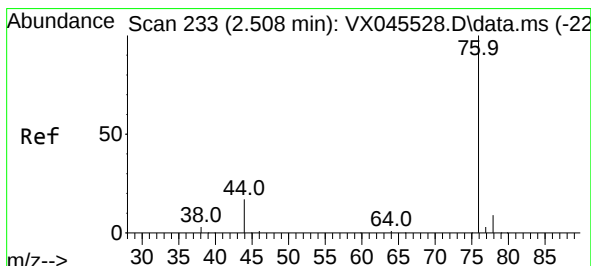
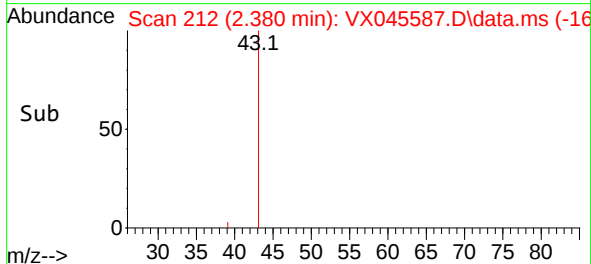
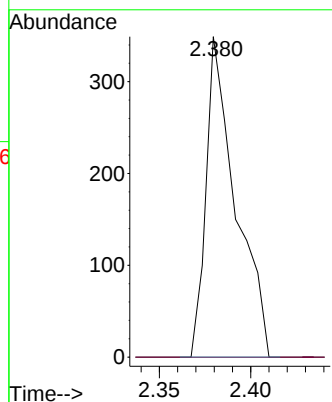
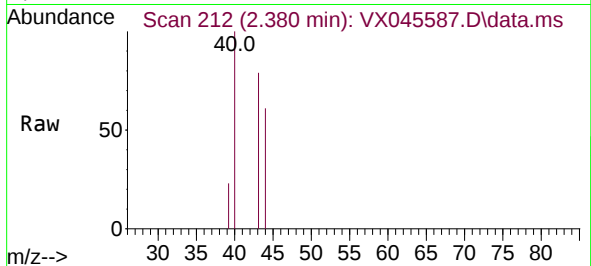




#16
Acetone
Concen: 0.791 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX045587.D
Acq: 04 Apr 2025 10:28

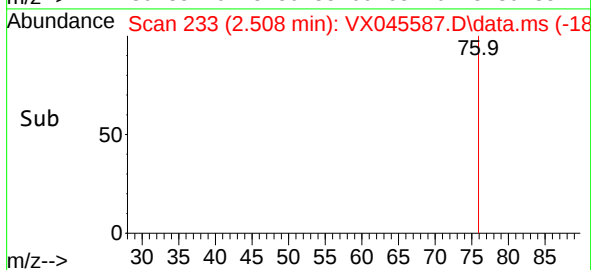
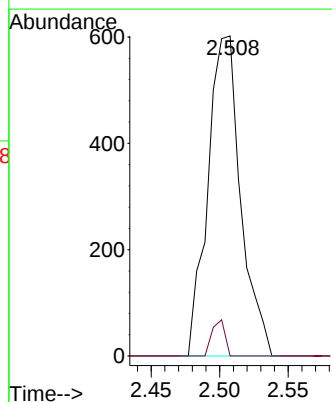
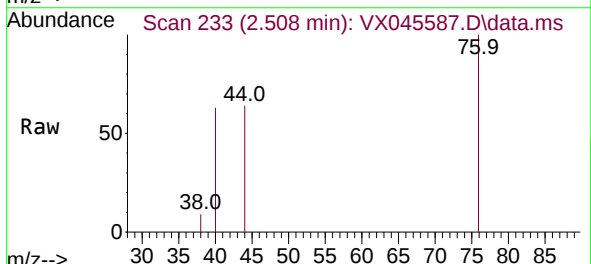
Instrument :
MSVOA_X
ClientSampleId :
VX0404MBL01

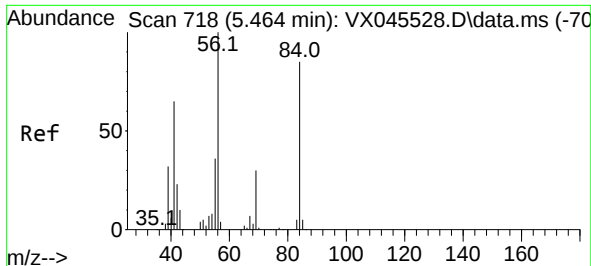
Tgt Ion: 43 Resp: 394
Ion Ratio Lower Upper
43 100
58 0.0 22.3 33.5#



#17
Carbon Disulfide
Concen: 0.511 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.000 min
Lab File: VX045587.D
Acq: 04 Apr 2025 10:28

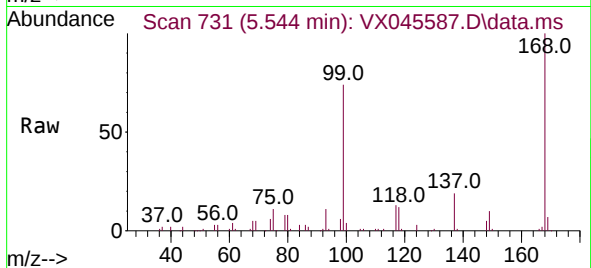
Tgt Ion: 76 Resp: 1006
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



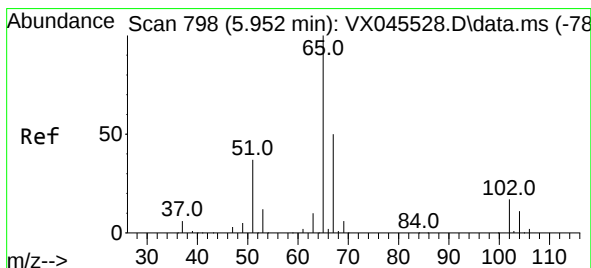
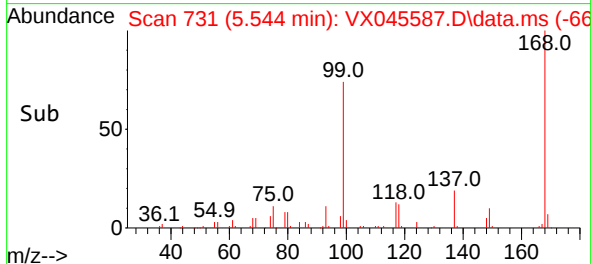
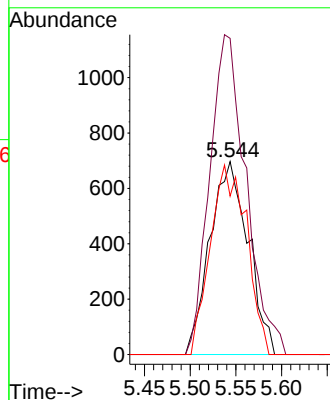


#31
Cyclohexane
Concen: 1.363 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX045587.D
Acq: 04 Apr 2025 10:28

Instrument :
MSVOA_X
ClientSampleId :
VX0404MBL01

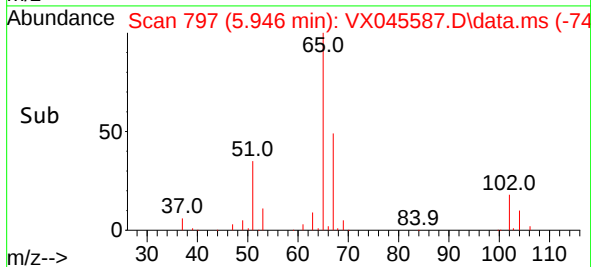
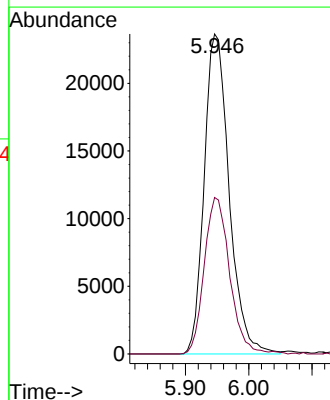
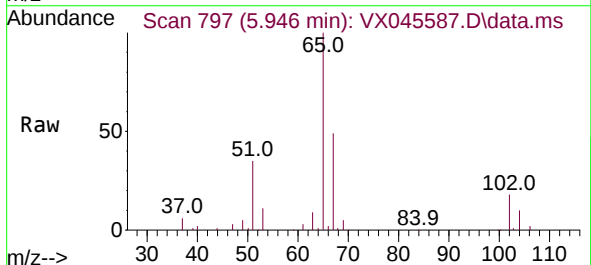


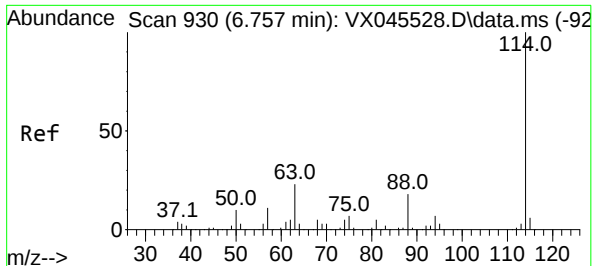
Tgt Ion: 56 Resp: 2028
Ion Ratio Lower Upper
56 100
69 163.8 23.6 35.4#
84 82.1 67.7 101.5



#33
1,2-Dichloroethane-d4
Concen: 53.543 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX045587.D
Acq: 04 Apr 2025 10:28

Tgt Ion: 65 Resp: 64963
Ion Ratio Lower Upper
65 100
67 49.9 0.0 99.0

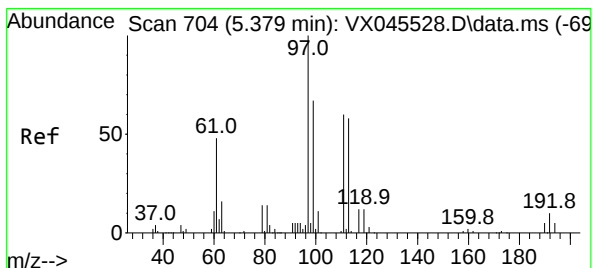
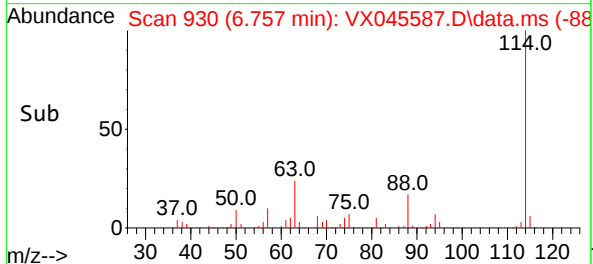
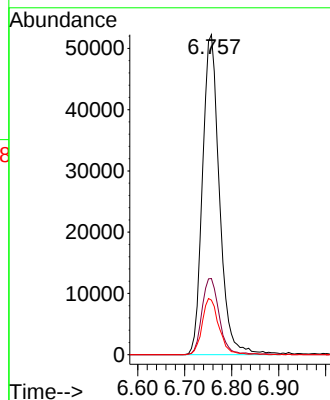
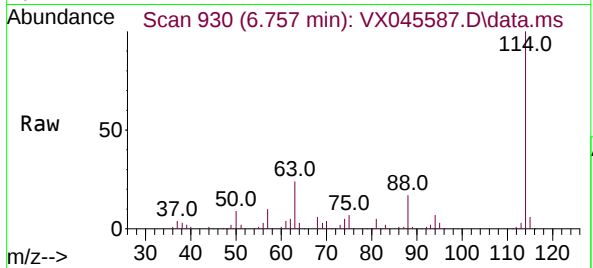




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045587.D
Acq: 04 Apr 2025 10:28

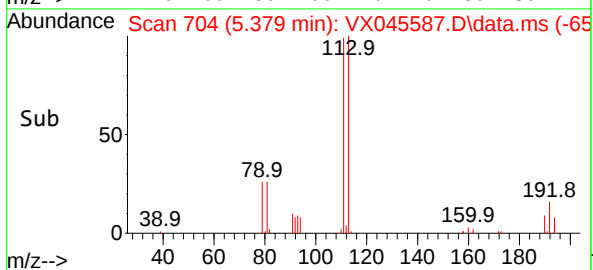
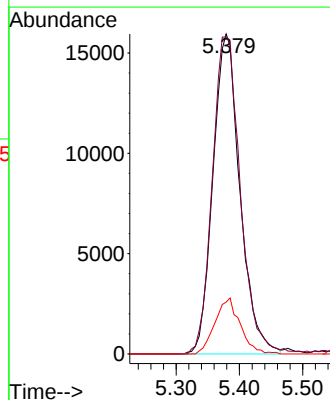
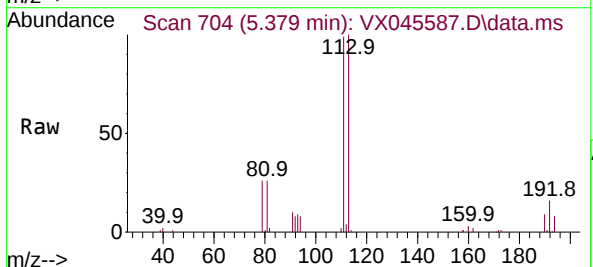
Instrument :
MSVOA_X
ClientSampleId :
VX0404MBL01

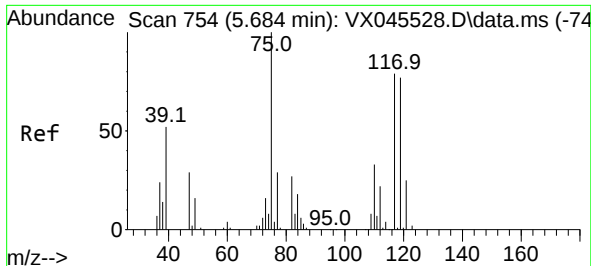
Tgt Ion:114 Resp: 130664
Ion Ratio Lower Upper
114 100
63 23.8 0.0 46.8
88 17.0 0.0 35.4



#35
Dibromofluoromethane
Concen: 50.842 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045587.D
Acq: 04 Apr 2025 10:28

Tgt Ion:113 Resp: 47134
Ion Ratio Lower Upper
113 100
111 103.5 81.8 122.6
192 16.3 13.8 20.6





#36

1,1-Dichloropropene

Concen: 5.218 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX045587.D

Acq: 04 Apr 2025 10:28

Instrument :

MSVOA_X

ClientSampleId :

VX0404MBL01

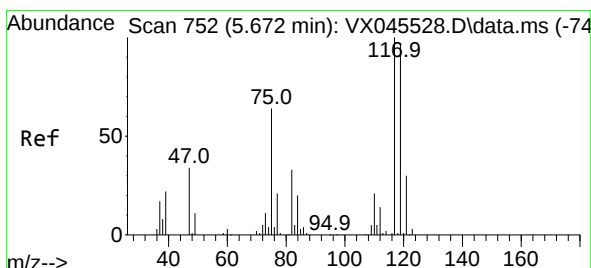
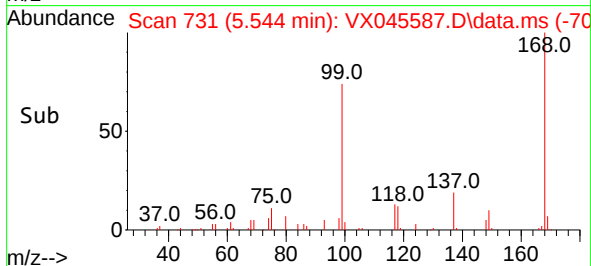
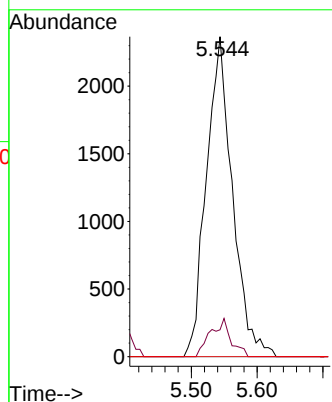
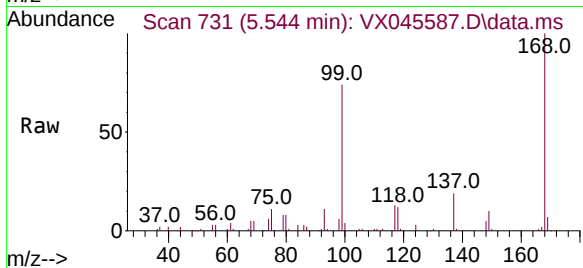
Tgt Ion: 75 Resp: 6532

Ion Ratio Lower Upper

75 100

110 9.3 16.9 50.6#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.846 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.128 min

Lab File: VX045587.D

Acq: 04 Apr 2025 10:28

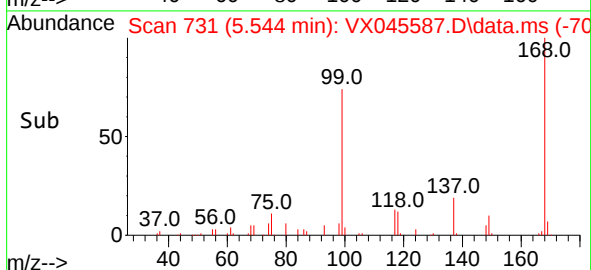
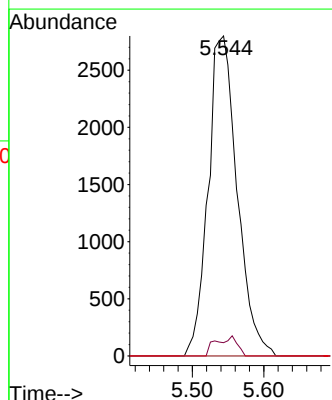
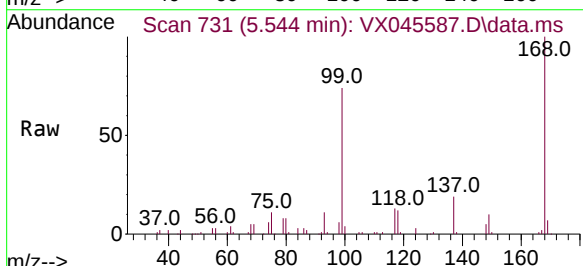
Tgt Ion: 117 Resp: 7909

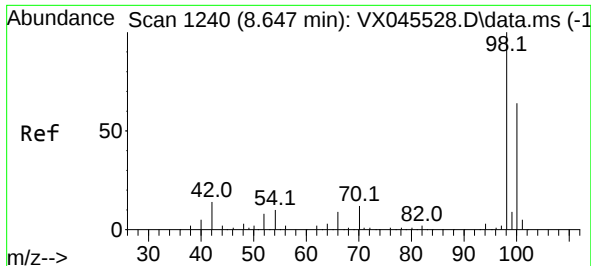
Ion Ratio Lower Upper

117 100

119 4.1 76.9 115.3#

121 0.0 24.2 36.2#

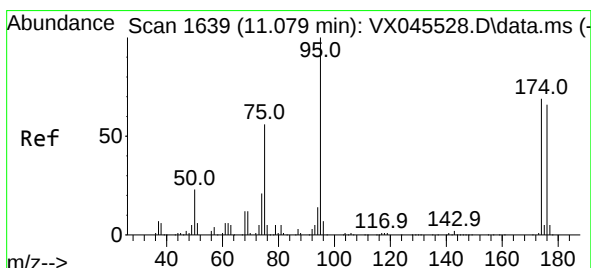
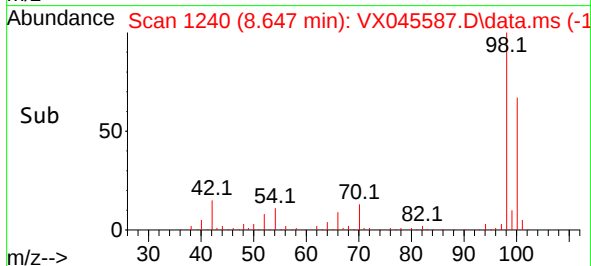
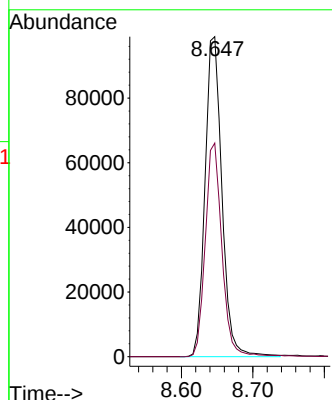
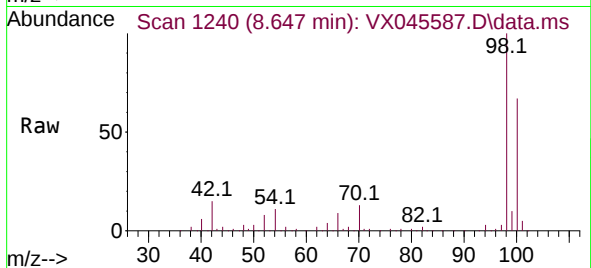




#50
Toluene-d8
Concen: 50.224 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045587.D
Acq: 04 Apr 2025 10:28

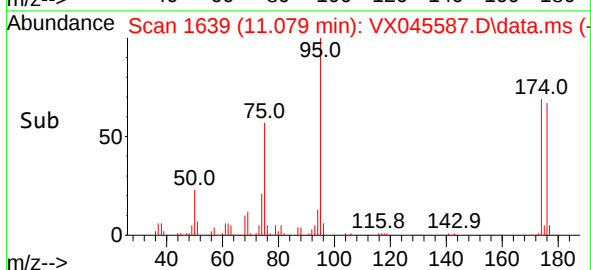
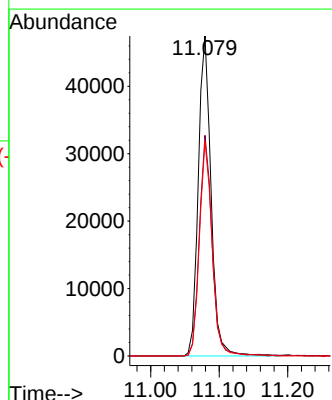
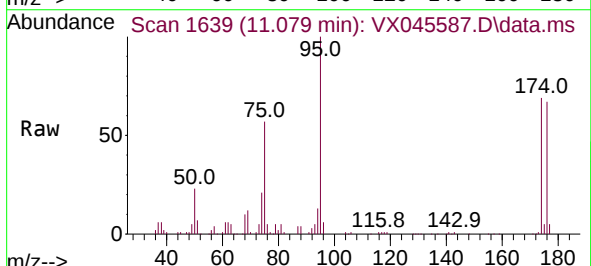
Instrument :
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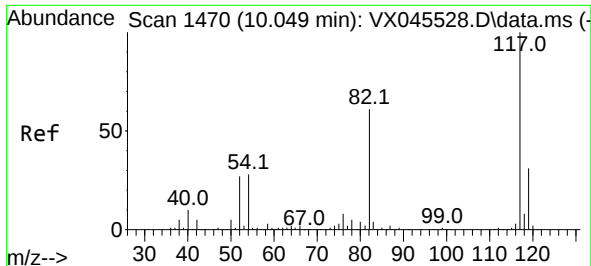
Tgt Ion: 98 Resp: 162514
Ion Ratio Lower Upper
98 100
100 66.0 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 52.323 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045587.D
Acq: 04 Apr 2025 10:28

Tgt Ion: 95 Resp: 61670
Ion Ratio Lower Upper
95 100
174 68.6 0.0 135.8
176 66.8 0.0 131.4

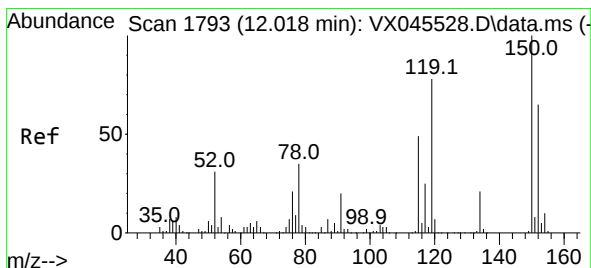
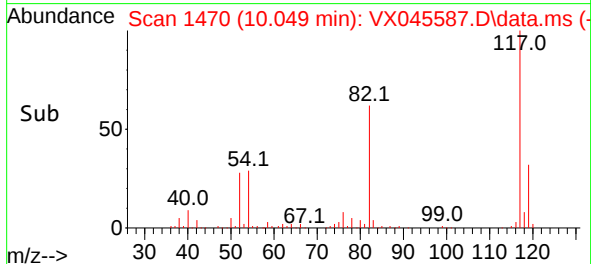
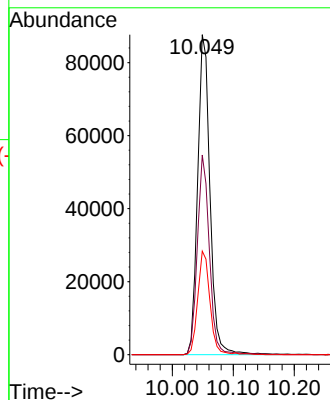
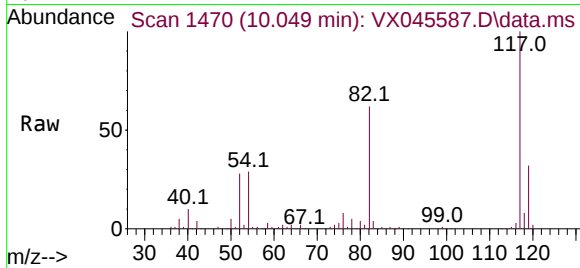




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045587.D
Acq: 04 Apr 2025 10:28

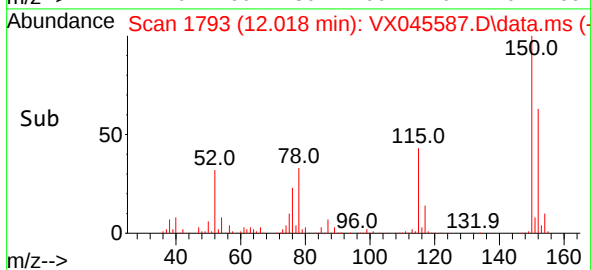
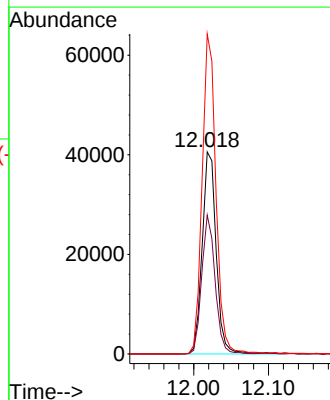
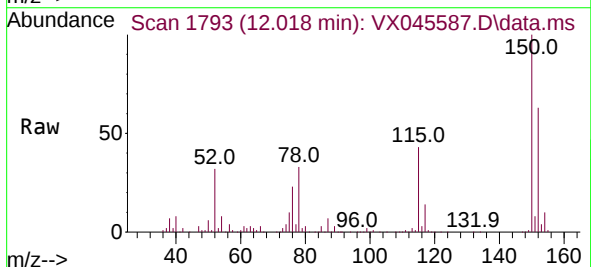
Instrument :
MSVOA_X
ClientSampleId :
VX0404MBL01

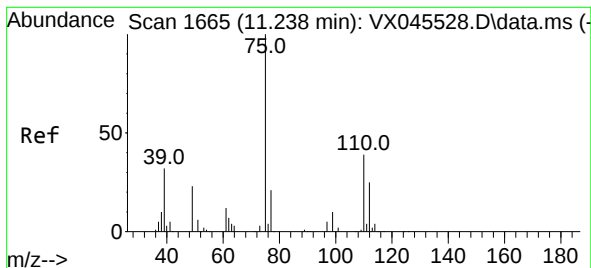
Tgt Ion:117 Resp: 123075
Ion Ratio Lower Upper
117 100
82 62.4 49.2 73.8
119 32.3 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045587.D
Acq: 04 Apr 2025 10:28

Tgt Ion:152 Resp: 52898
Ion Ratio Lower Upper
152 100
115 65.6 46.9 140.7
150 155.6 0.0 349.4





#76

1,2,3-Trichloropropane

Concen: 27.607 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX045587.D

Acq: 04 Apr 2025 10:28

Instrument :

MSVOA_X

ClientSampleId :

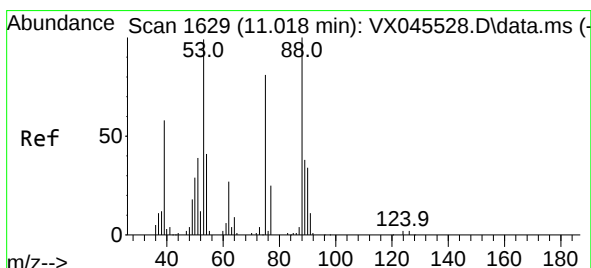
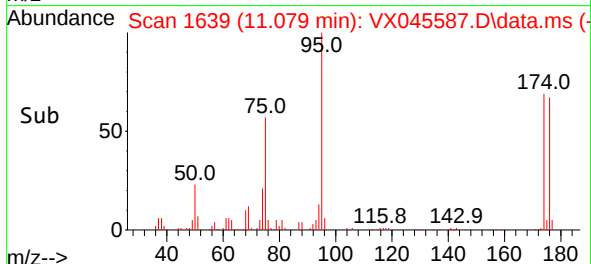
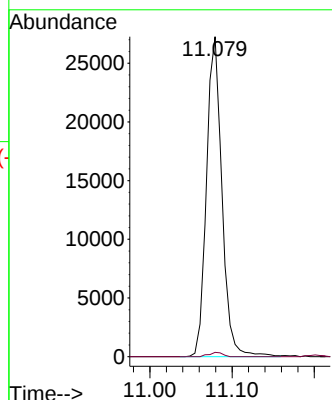
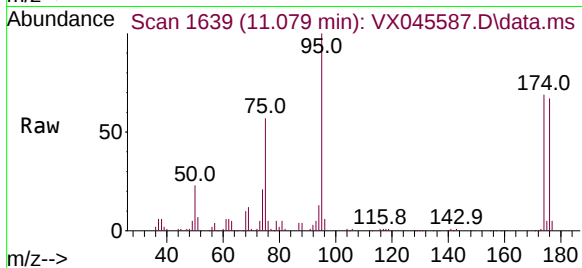
VX0404MBL01

Tgt Ion: 75 Resp: 35622

Ion Ratio Lower Upper

75 100

77 1.2 20.0 59.9#



#81

trans-1,4-Dichloro-2-butene

Concen: 93.696 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX045587.D

Acq: 04 Apr 2025 10:28

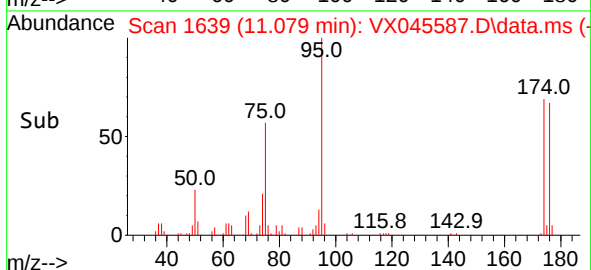
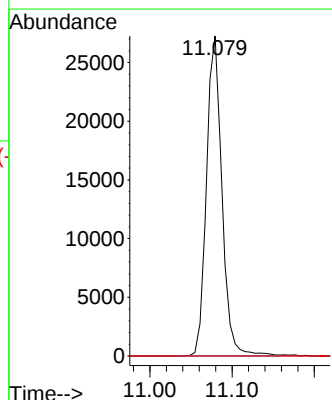
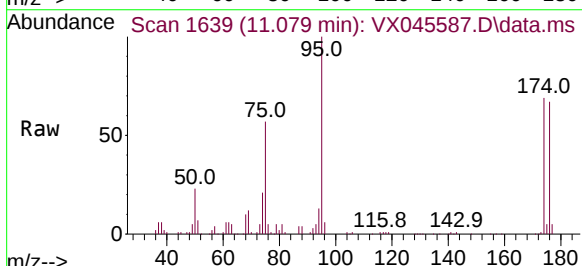
Tgt Ion: 75 Resp: 35622

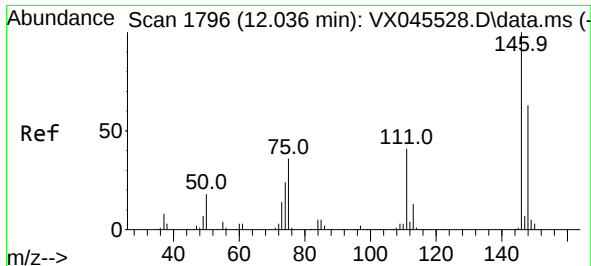
Ion Ratio Lower Upper

75 100

53 0.0 101.8 152.6#

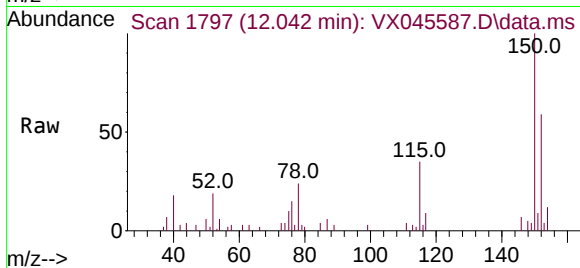
89 0.0 37.2 55.8#



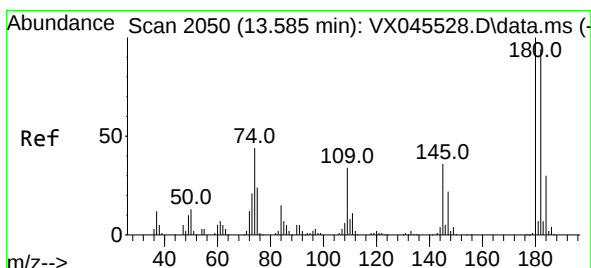
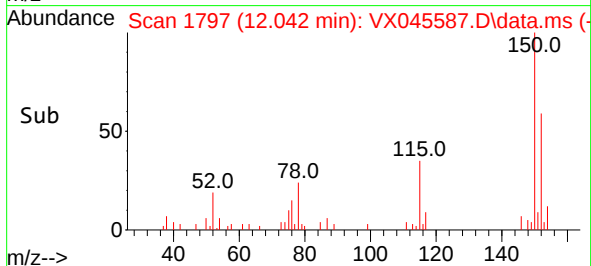
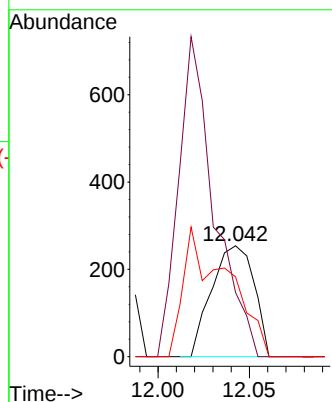


#88
 1,4-Dichlorobenzene
 Concen: 0.227 ug/l
 RT: 12.042 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX045587.D
 Acq: 04 Apr 2025 10:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0404MBL01

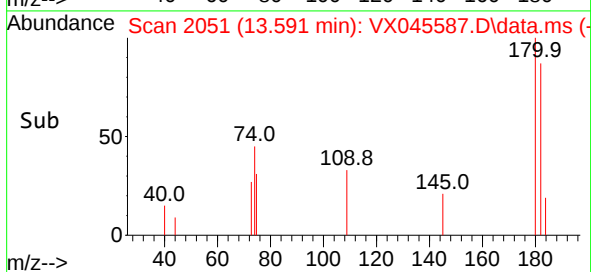
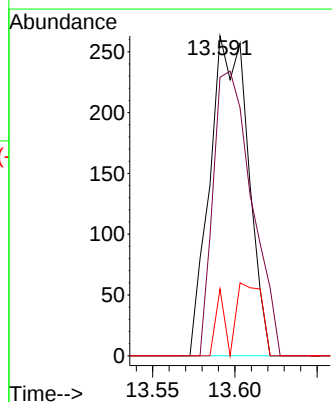
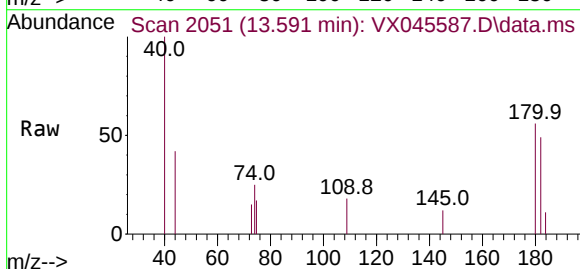


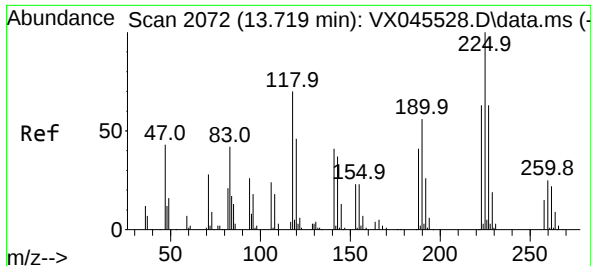
Tgt Ion:146 Resp: 410
 Ion Ratio Lower Upper
 146 100
 111 0.0 20.9 62.8#
 148 0.0 31.5 94.5#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.431 ug/l
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.006 min
 Lab File: VX045587.D
 Acq: 04 Apr 2025 10:28

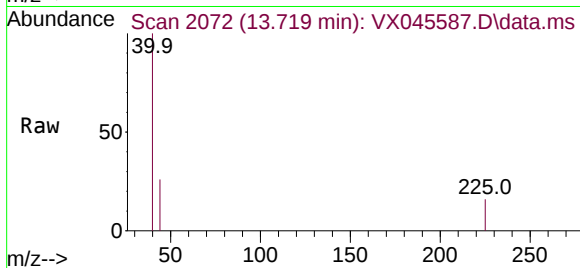
Tgt Ion:180 Resp: 425
 Ion Ratio Lower Upper
 180 100
 182 89.9 47.9 143.6
 145 19.5 17.9 53.8



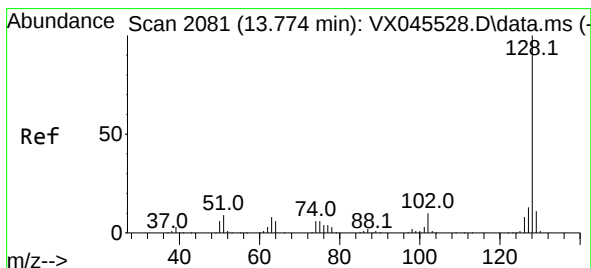
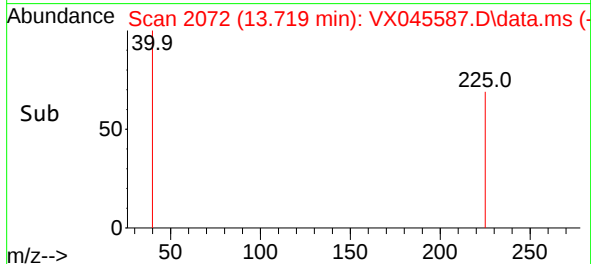
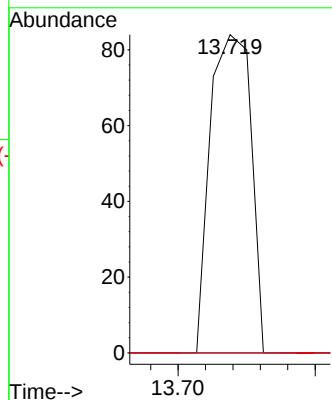


#94
Hexachlorobutadiene
Concen: 0.205 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.000 min
Lab File: VX045587.D
Acq: 04 Apr 2025 10:28

Instrument :
MSVOA_X
ClientSampleId :
VX0404MBL01

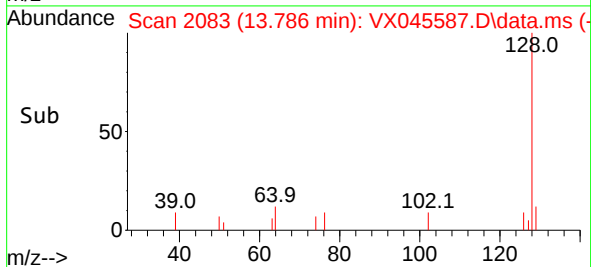
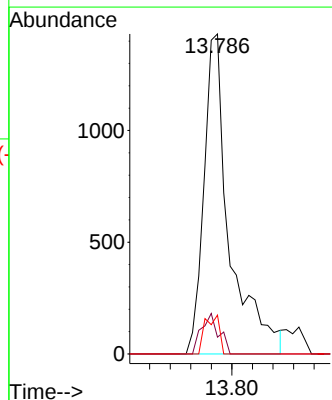
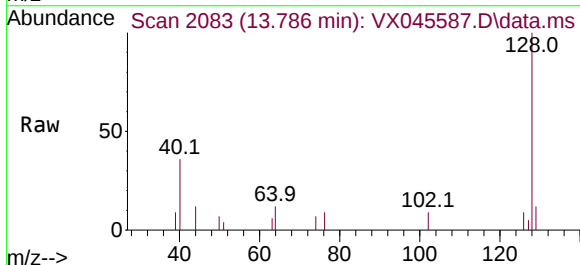


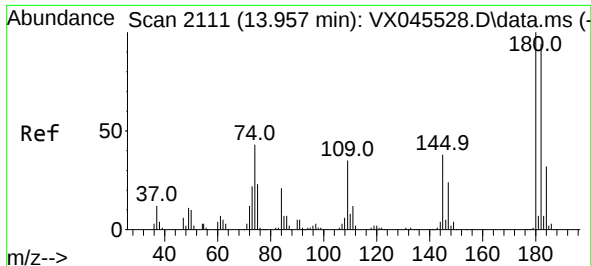
Tgt Ion:225 Resp: 87
Ion Ratio Lower Upper
225 100
223 0.0 31.1 93.3#
227 0.0 32.2 96.6#



#95
Naphthalene
Concen: 0.675 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.012 min
Lab File: VX045587.D
Acq: 04 Apr 2025 10:28

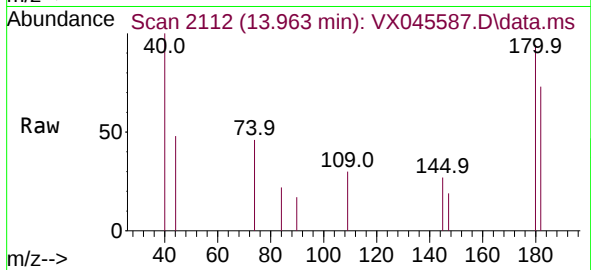
Tgt Ion:128 Resp: 2479
Ion Ratio Lower Upper
128 100
127 8.6 10.3 15.5#
129 6.8 8.6 12.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.511 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VX045587.D
 Acq: 04 Apr 2025 10:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0404MBL01



Tgt Ion:180	Resp:	528
Ion	Ratio	Lower Upper
180	100	
182	93.0	47.3 141.8
145	27.3	18.2 54.6

