

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032625\
 Data File : VX045458.D
 Acq On : 26 Mar 2025 10:31
 Operator : JC/MD
 Sample : VX0326MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0326MBL01

Quant Time: Mar 27 01:32:36 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)

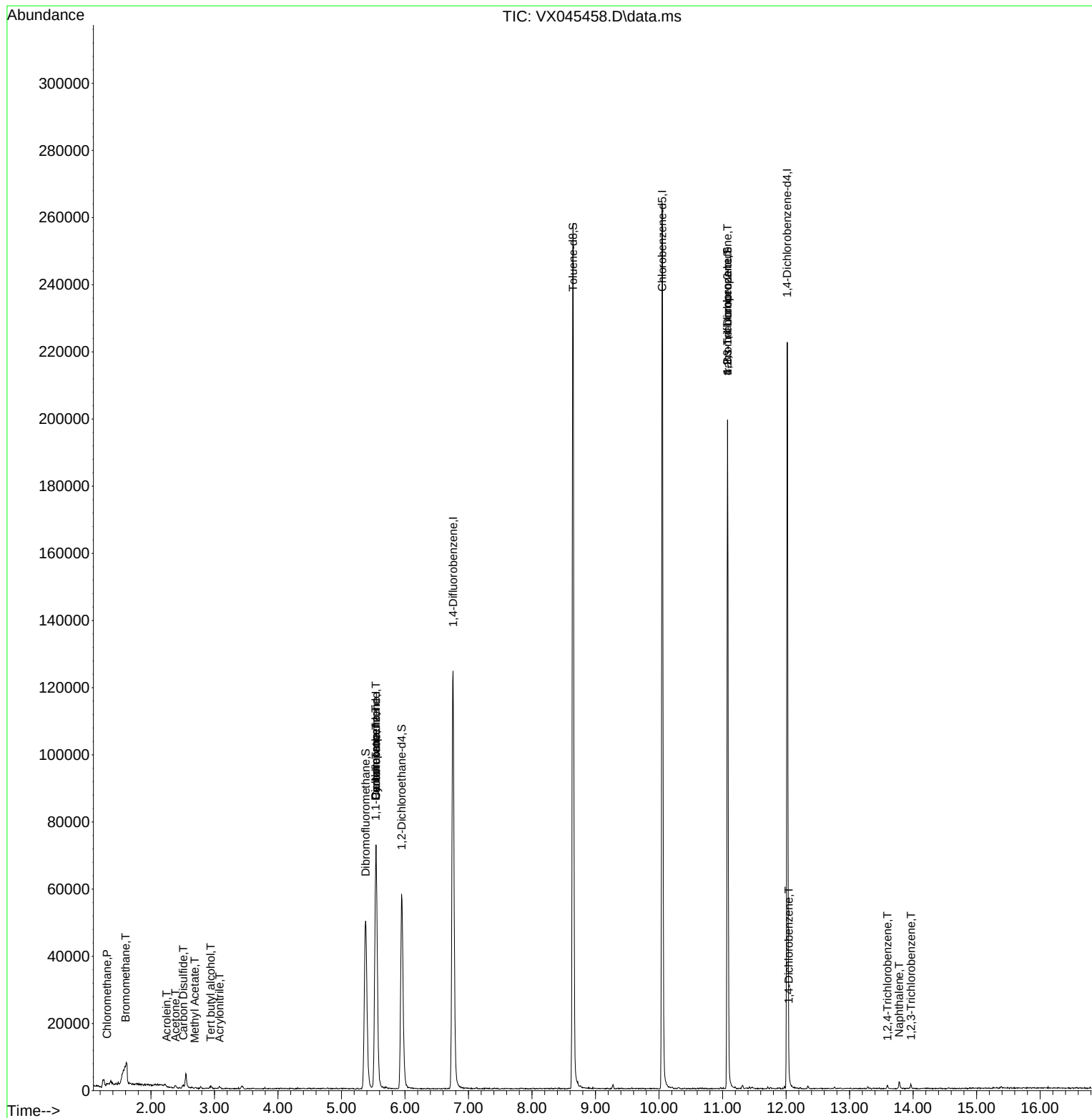
Internal Standards						
1) Pentafluorobenzene	5.544	168	61929	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	119102	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	108985	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	41464	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	57440	58.310	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 116.620%			
35) Dibromofluoromethane	5.379	113	44173	55.466	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.940%			
50) Toluene-d8	8.647	98	149835	51.896	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.800%			
62) 4-Bromofluorobenzene	11.079	95	51579	53.911	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 107.820%			
Target Compounds					Qvalue	
3) Chloromethane	1.306	50	339	0.355	ug/l #	43
5) Bromomethane	1.599	94	161	0.433	ug/l #	62
11) Tert butyl alcohol	2.940	59	454	2.433	ug/l #	73
13) Acrolein	2.245	56	80	0.371	ug/l	86
15) Acrylonitrile	3.081	53	214	0.428	ug/l #	84
16) Acetone	2.386	43	737	1.613	ug/l	93
17) Carbon Disulfide	2.507	76	1242	0.613	ug/l #	77
18) Methyl Acetate	2.690	43	245	0.223	ug/l #	54
31) Cyclohexane	5.544	56	1918	1.431	ug/l #	32
36) 1,1-Dichloropropene	5.537	75	6043	5.533	ug/l #	47
38) Carbon Tetrachloride	5.544	117	7163	6.460	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	28980	30.029	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	28980	102.764	ug/l #	6
88) 1,4-Dichlorobenzene	12.042	146	367	0.266	ug/l #	25
93) 1,2,4-Trichlorobenzene	13.597	180	407	0.523	ug/l	90
95) Naphthalene	13.780	128	2137	0.715	ug/l #	92
96) 1,2,3-Trichlorobenzene	13.969	180	435	0.530	ug/l	92

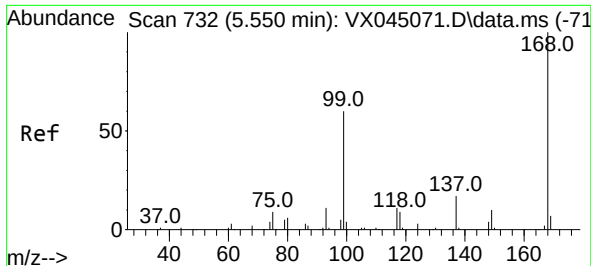
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

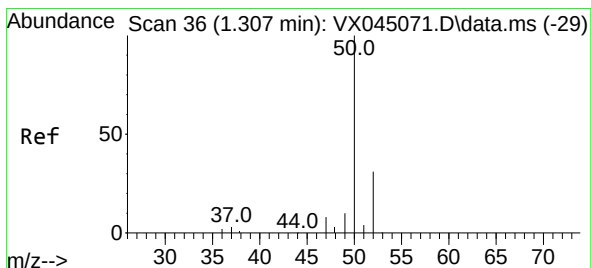
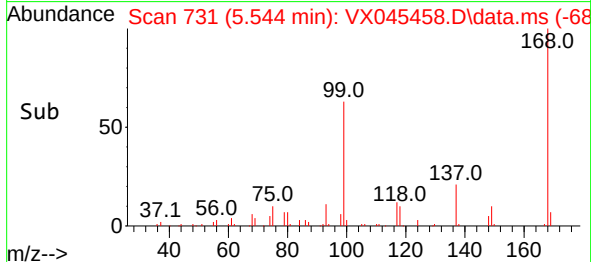
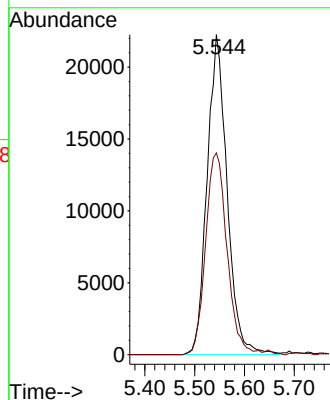
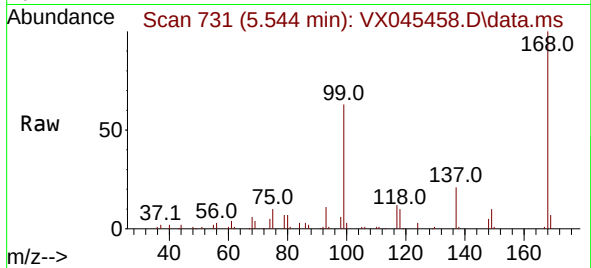




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045458.D
Acq: 26 Mar 2025 10:31

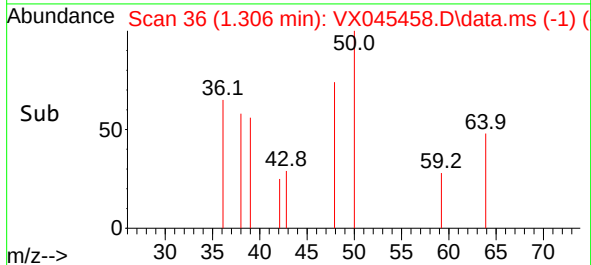
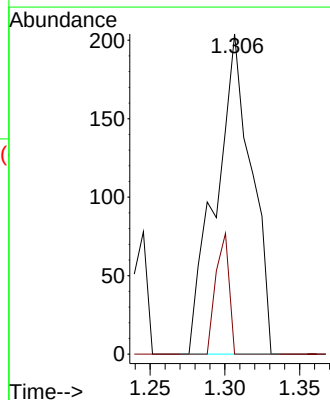
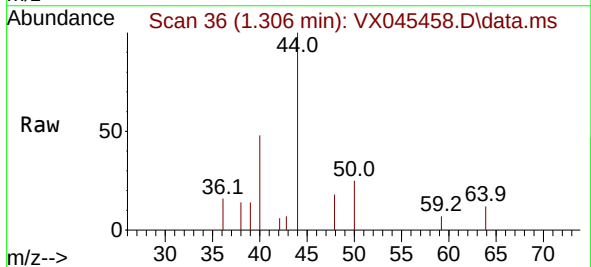
Instrument :
MSVOA_X
ClientSampleId :
VX0326MBL01

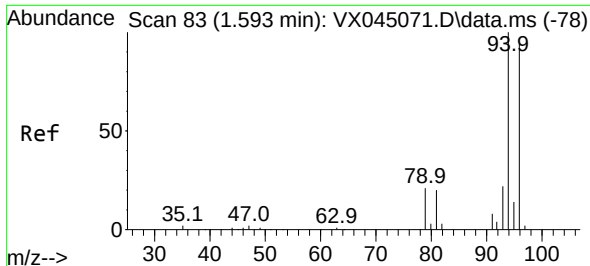
Tgt Ion:168 Resp: 61929
Ion Ratio Lower Upper
168 100
99 63.1 48.2 72.4



#3
Chloromethane
Concen: 0.355 ug/l
RT: 1.306 min Scan# 36
Delta R.T. -0.000 min
Lab File: VX045458.D
Acq: 26 Mar 2025 10:31

Tgt Ion: 50 Resp: 339
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

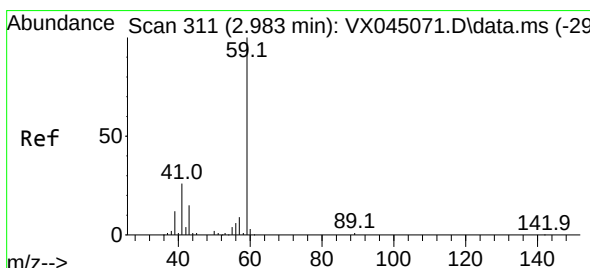
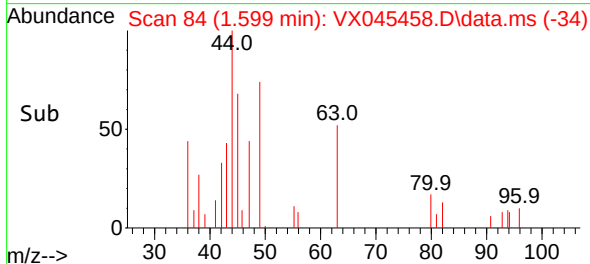
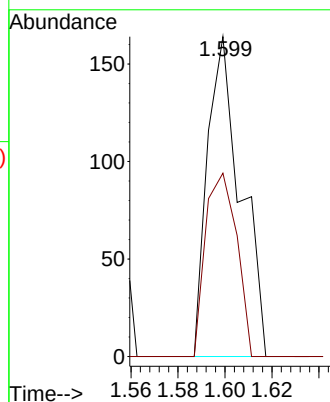
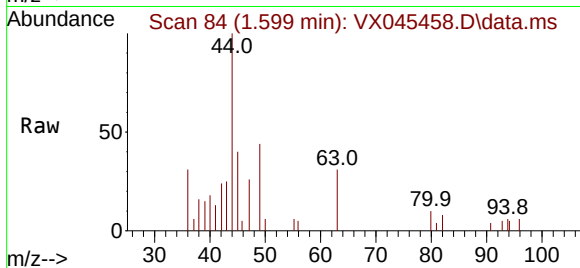




#5
Bromomethane
Concen: 0.433 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX045458.D
Acq: 26 Mar 2025 10:31

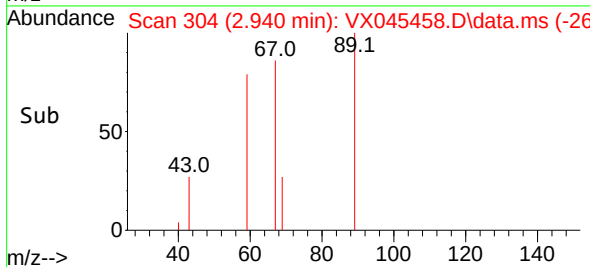
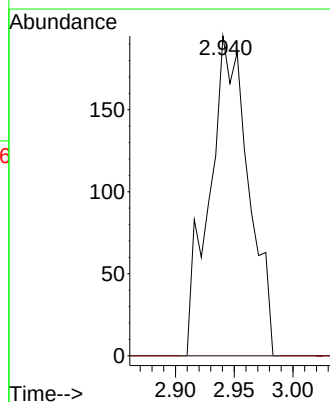
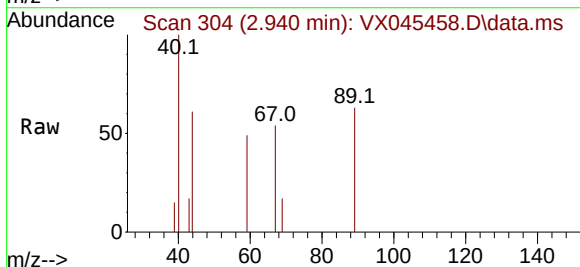
Instrument :
MSVOA_X
ClientSampleId :
VX0326MBL01

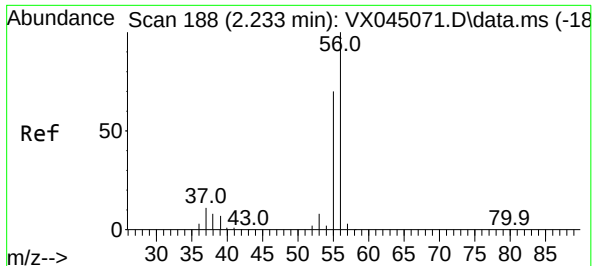
Tgt Ion: 94 Resp: 161
Ion Ratio Lower Upper
94 100
96 57.3 75.0 112.4#



#11
Tert butyl alcohol
Concen: 2.433 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.043 min
Lab File: VX045458.D
Acq: 26 Mar 2025 10:31

Tgt Ion: 59 Resp: 454
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

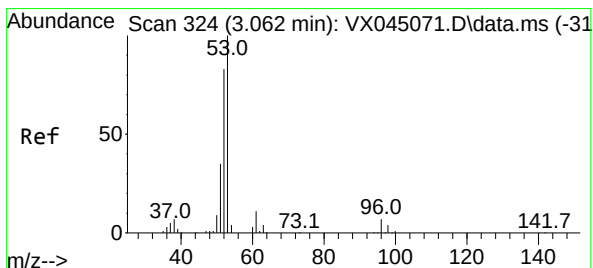
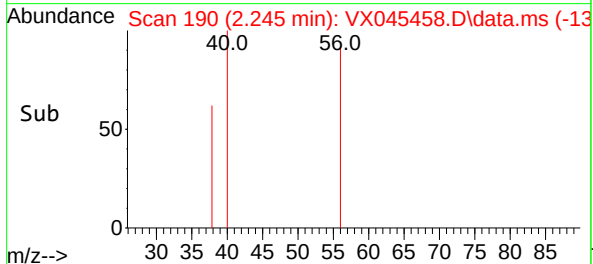
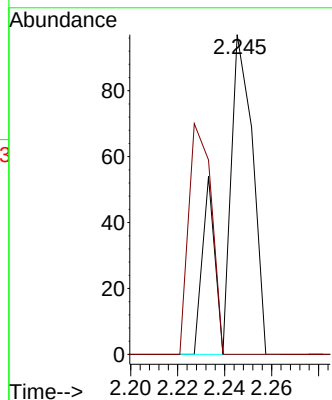
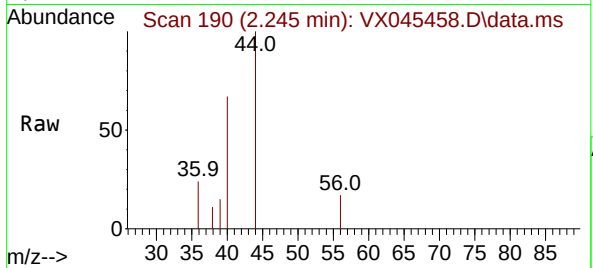




#13
Acrolein
Concen: 0.371 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.012 min
Lab File: VX045458.D
Acq: 26 Mar 2025 10:31

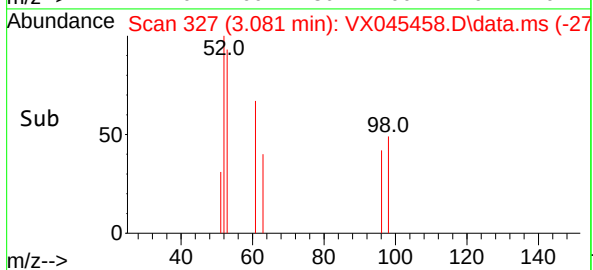
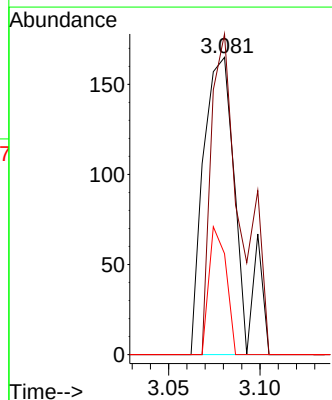
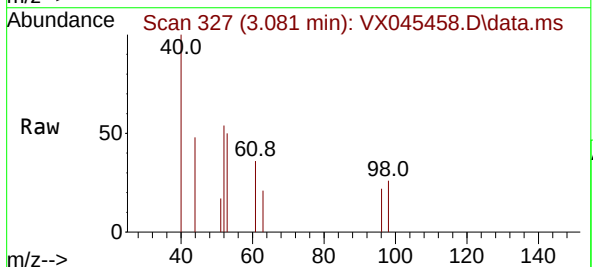
Instrument :
MSVOA_X
ClientSampleId :
VX0326MBL01

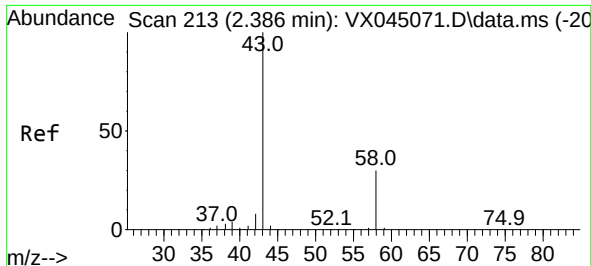
Tgt Ion: 56 Resp: 80
Ion Ratio Lower Upper
56 100
55 58.8 56.2 84.4



#15
Acrylonitrile
Concen: 0.428 ug/l
RT: 3.081 min Scan# 327
Delta R.T. 0.018 min
Lab File: VX045458.D
Acq: 26 Mar 2025 10:31

Tgt Ion: 53 Resp: 214
Ion Ratio Lower Upper
53 100
52 93.9 66.2 99.2
51 21.5 29.0 43.4#

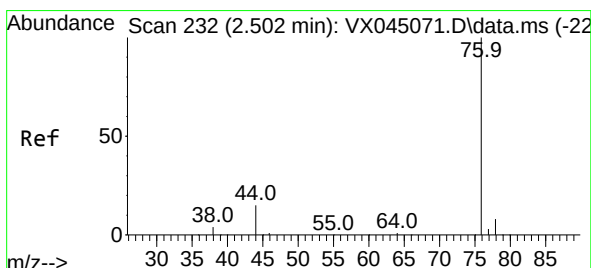
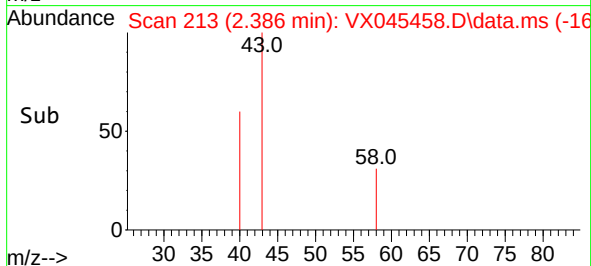
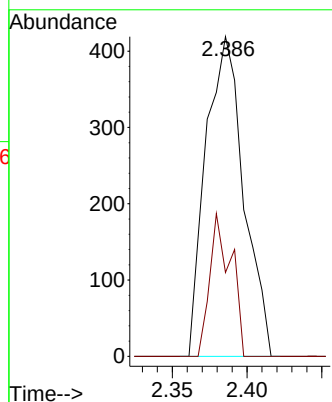
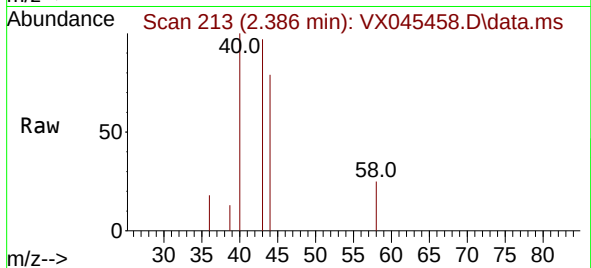




#16
Acetone
Concen: 1.613 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045458.D
Acq: 26 Mar 2025 10:31

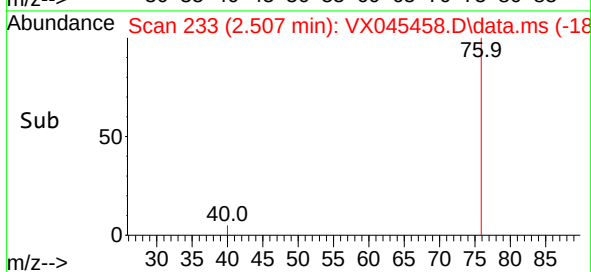
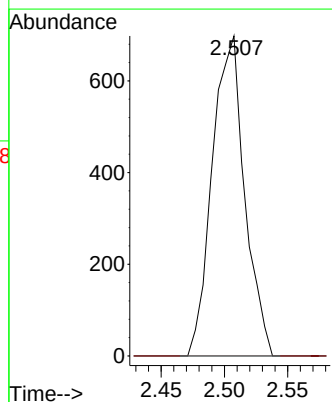
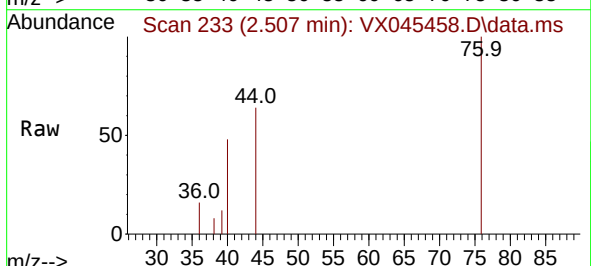
Instrument :
MSVOA_X
ClientSampleId :
VX0326MBL01

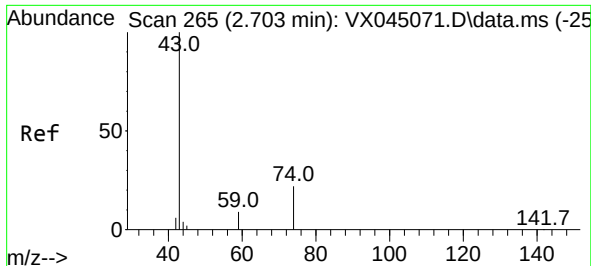
Tgt Ion: 43 Resp: 737
Ion Ratio Lower Upper
43 100
58 26.3 24.2 36.4



#17
Carbon Disulfide
Concen: 0.613 ug/l
RT: 2.507 min Scan# 233
Delta R.T. 0.006 min
Lab File: VX045458.D
Acq: 26 Mar 2025 10:31

Tgt Ion: 76 Resp: 1242
Ion Ratio Lower Upper
76 100
78 0.0 6.6 9.8#

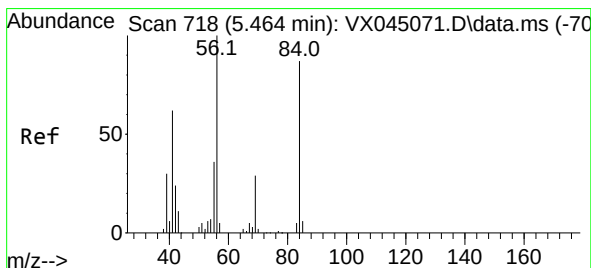
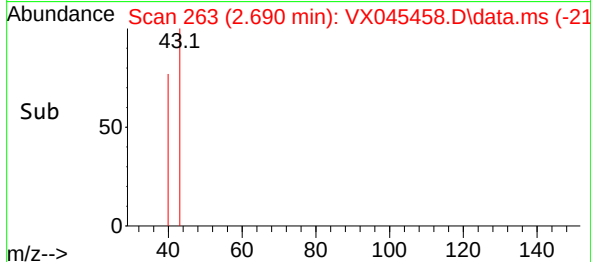
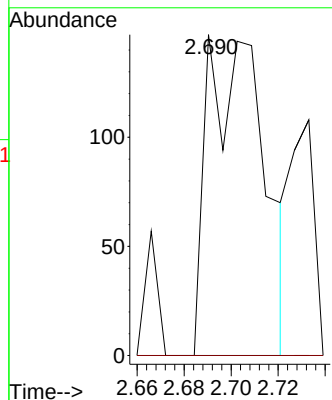
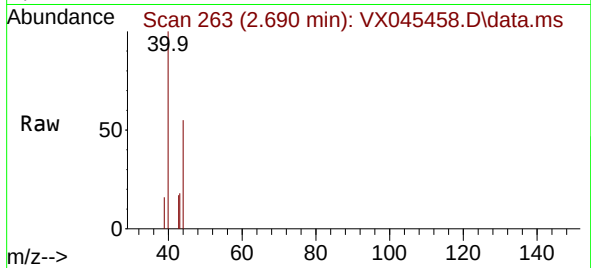




#18
Methyl Acetate
Concen: 0.223 ug/l
RT: 2.690 min Scan# 21
Delta R.T. -0.012 min
Lab File: VX045458.D
Acq: 26 Mar 2025 10:31

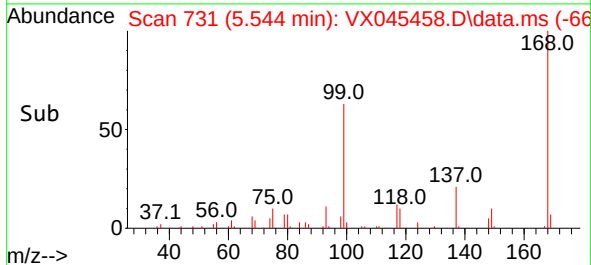
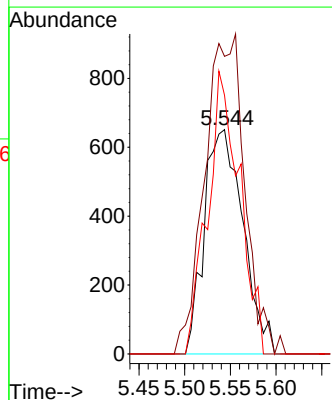
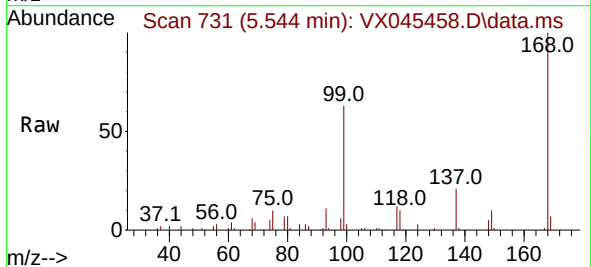
Instrument :
MSVOA_X
ClientSampleId :
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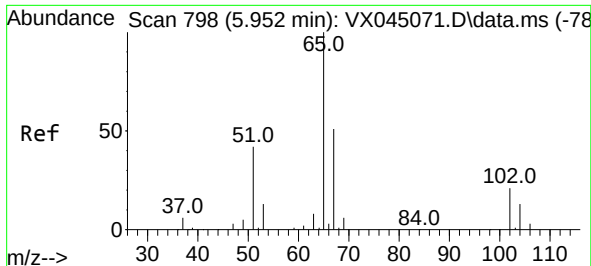
Tgt Ion: 43 Resp: 245
Ion Ratio Lower Upper
43 100
74 0.0 17.4 26.2#



#31
Cyclohexane
Concen: 1.431 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX045458.D
Acq: 26 Mar 2025 10:31

Tgt Ion: 56 Resp: 1918
Ion Ratio Lower Upper
56 100
69 124.6 23.4 35.2#
84 115.4 69.4 104.2#





#33

1,2-Dichloroethane-d4

Concen: 58.310 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX045458.D

Acq: 26 Mar 2025 10:31

Instrument :

MSVOA_X

ClientSampleId :

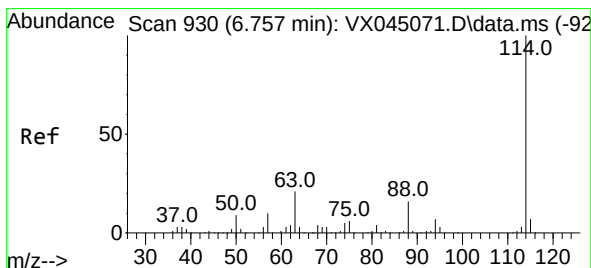
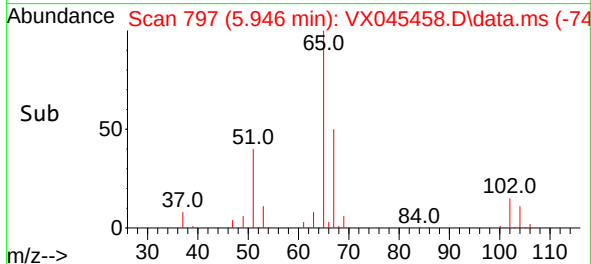
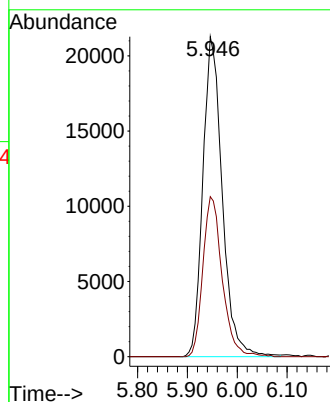
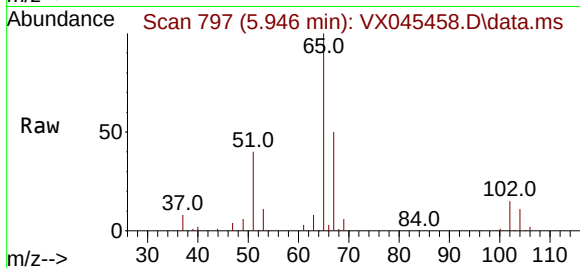
VX0326MBL01

Tgt Ion: 65 Resp: 57440

Ion Ratio Lower Upper

65 100

67 49.8 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: VX045458.D

Acq: 26 Mar 2025 10:31

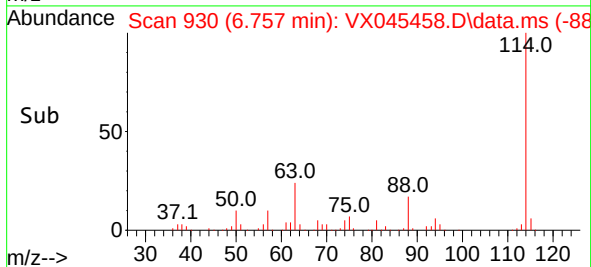
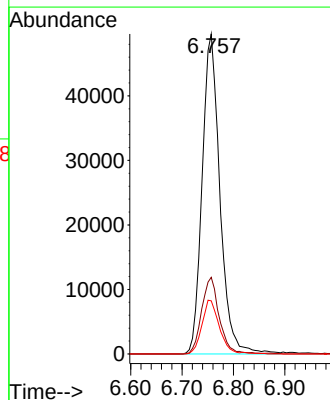
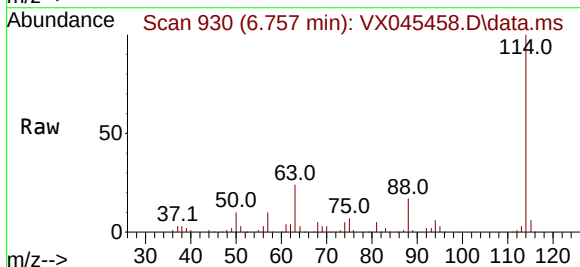
Tgt Ion: 114 Resp: 119102

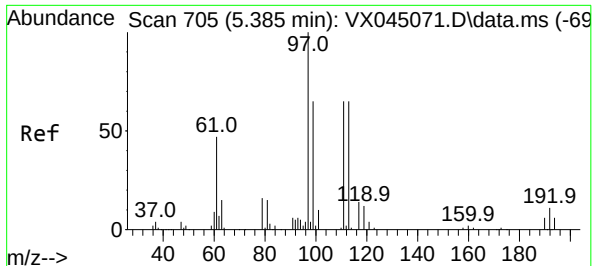
Ion Ratio Lower Upper

114 100

63 24.0 0.0 41.8

88 16.6 0.0 32.8

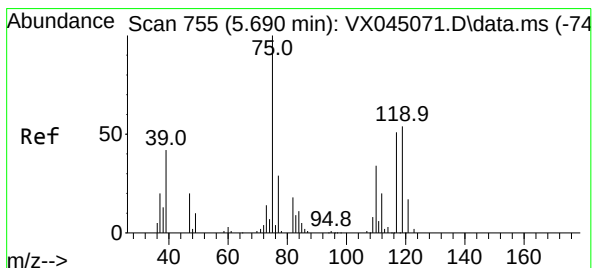
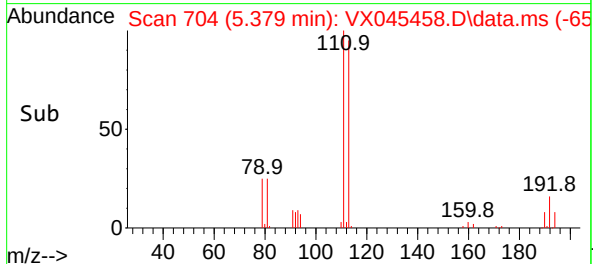
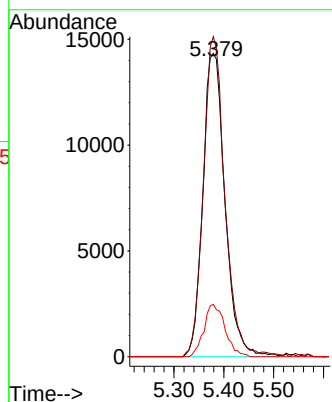
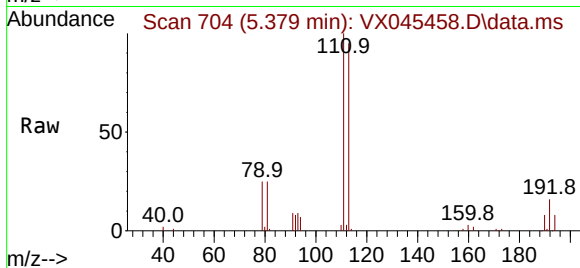




#35
Dibromofluoromethane
Concen: 55.466 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX045458.D
Acq: 26 Mar 2025 10:31

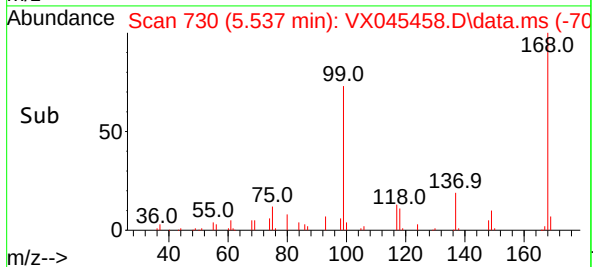
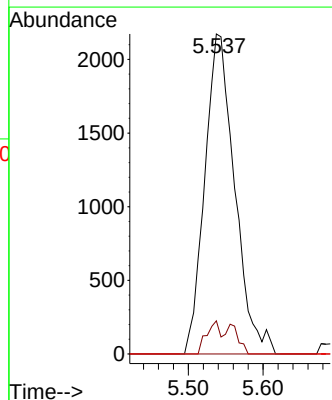
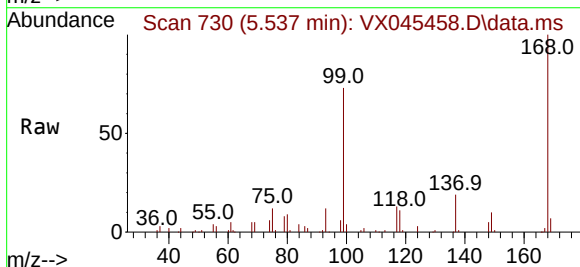
Instrument :
MSVOA_X
ClientSampleId :
VX0326MBL01

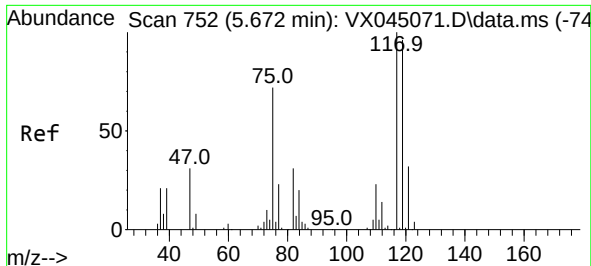
Tgt Ion:113 Resp: 44173
Ion Ratio Lower Upper
113 100
111 101.8 81.8 122.6
192 16.5 14.3 21.5



#36
1,1-Dichloropropene
Concen: 5.533 ug/l
RT: 5.537 min Scan# 730
Delta R.T. -0.153 min
Lab File: VX045458.D
Acq: 26 Mar 2025 10:31

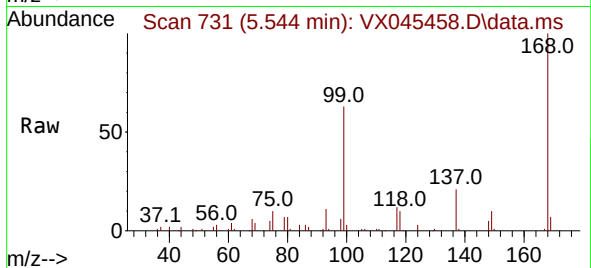
Tgt Ion: 75 Resp: 6043
Ion Ratio Lower Upper
75 100
110 4.7 16.9 50.6#
77 0.0 24.5 36.7#



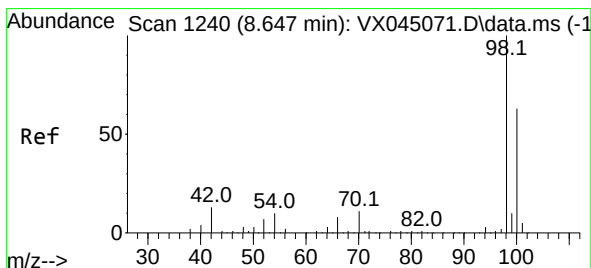
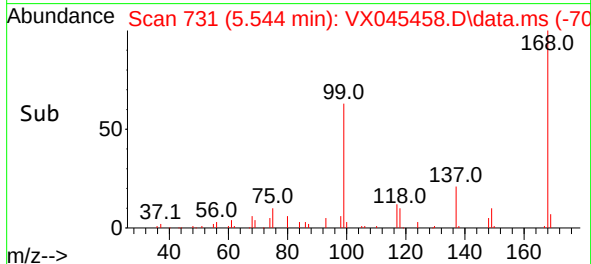
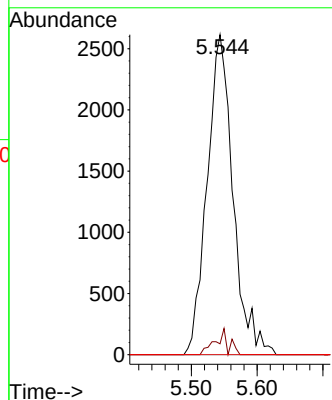


#38
Carbon Tetrachloride
Concen: 6.460 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX045458.D
Acq: 26 Mar 2025 10:31

Instrument :
MSVOA_X
ClientSampleId :
VX0326MBL01

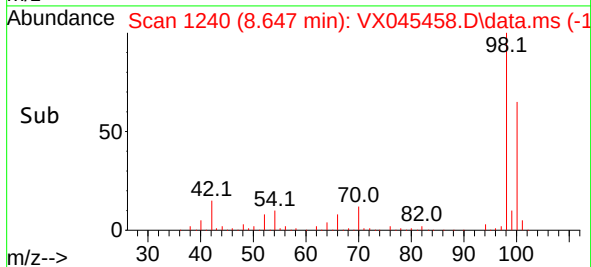
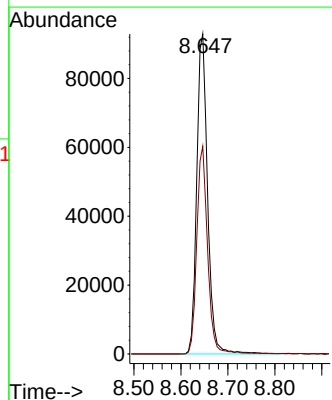
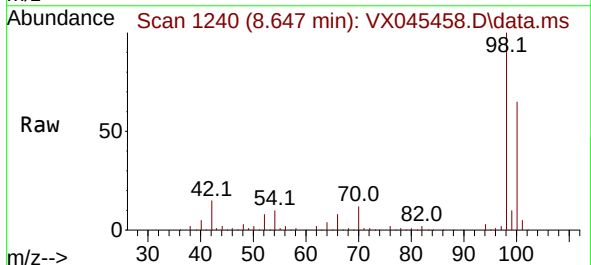


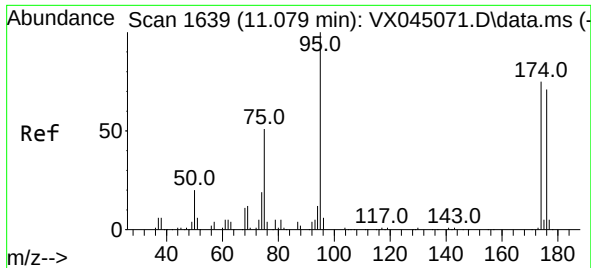
Tgt Ion:117 Resp: 7163
Ion Ratio Lower Upper
117 100
119 3.4 76.7 115.1#
121 0.0 25.5 38.3#



#50
Toluene-d8
Concen: 51.896 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045458.D
Acq: 26 Mar 2025 10:31

Tgt Ion: 98 Resp: 149835
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0

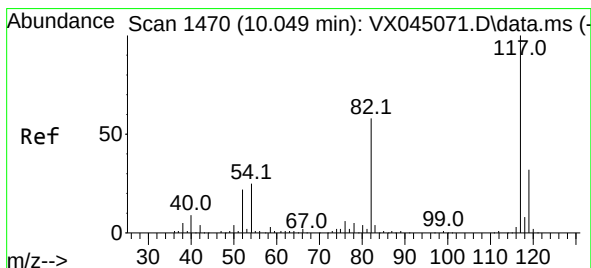
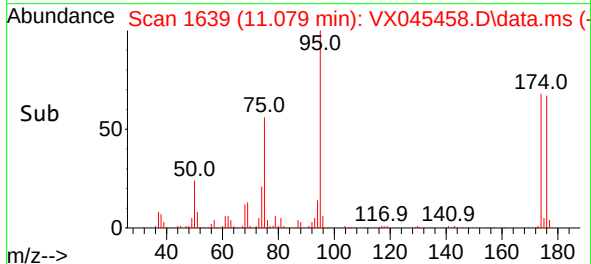
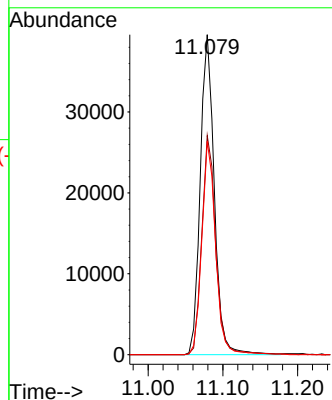
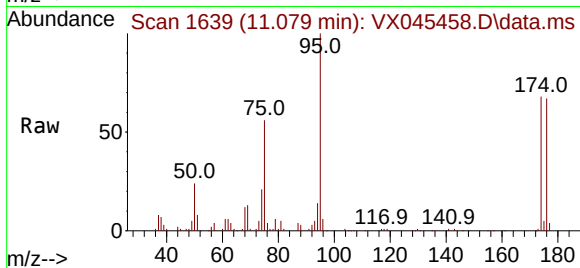




#62
4-Bromofluorobenzene
Concen: 53.911 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045458.D
Acq: 26 Mar 2025 10:31

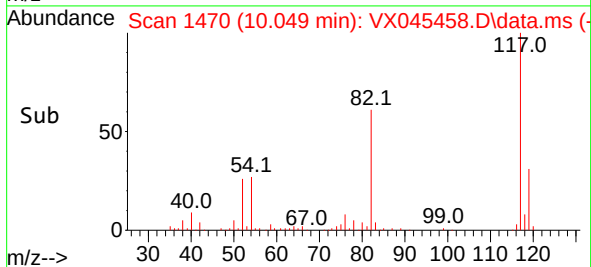
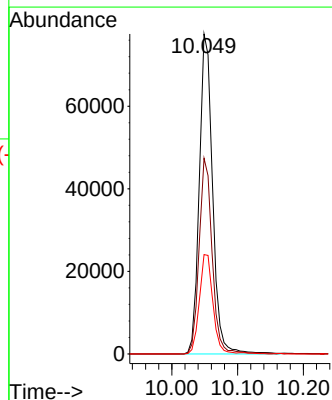
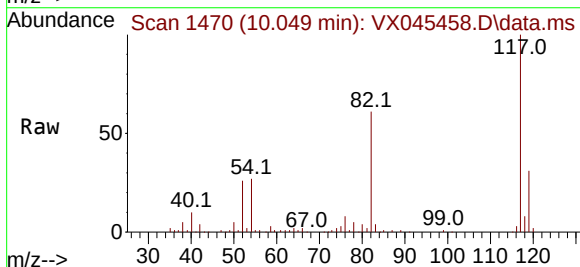
Instrument :
MSVOA_X
ClientSampleId :
VX0326MBL01

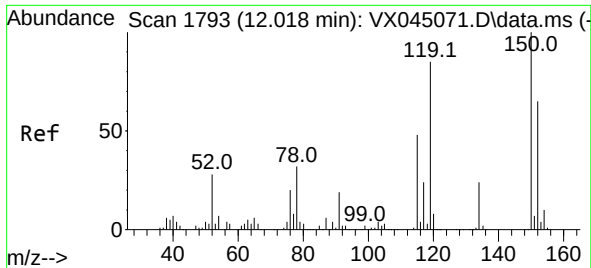
Tgt Ion: 95 Resp: 51579
Ion Ratio Lower Upper
95 100
174 68.5 0.0 148.2
176 65.5 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045458.D
Acq: 26 Mar 2025 10:31

Tgt Ion: 117 Resp: 108985
Ion Ratio Lower Upper
117 100
82 61.2 46.3 69.5
119 31.0 25.7 38.5

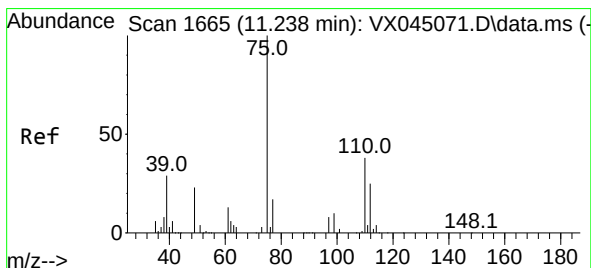
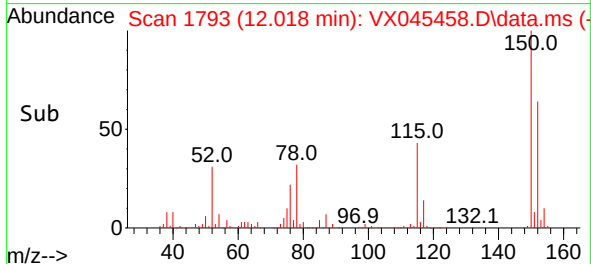
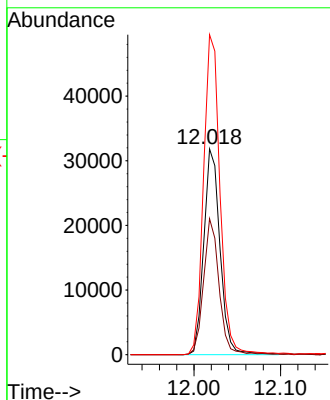
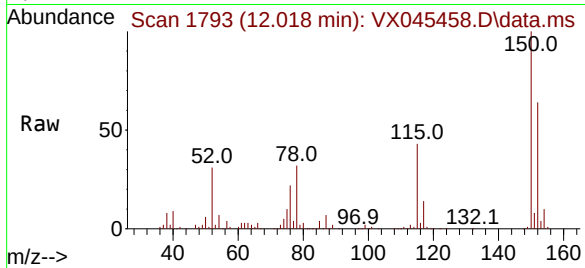




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045458.D
Acq: 26 Mar 2025 10:31

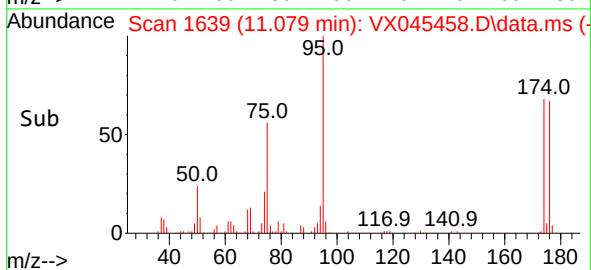
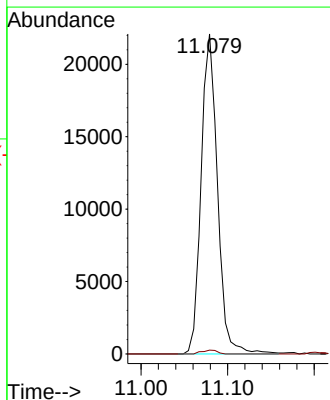
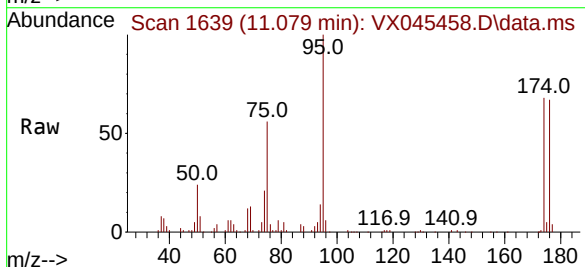
Instrument :
MSVOA_X
ClientSampleId :
VX0326MBL01

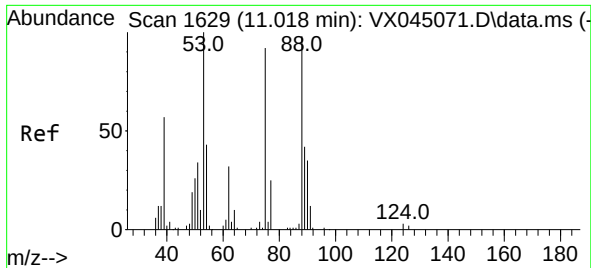
Tgt Ion:152 Resp: 41464
Ion Ratio Lower Upper
152 100
115 63.4 44.2 132.6
150 157.9 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 30.029 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045458.D
Acq: 26 Mar 2025 10:31

Tgt Ion: 75 Resp: 28980
Ion Ratio Lower Upper
75 100
77 1.1 20.7 62.1#

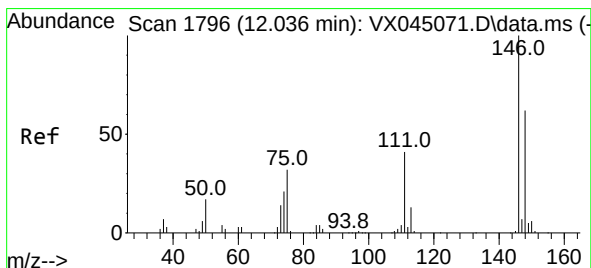
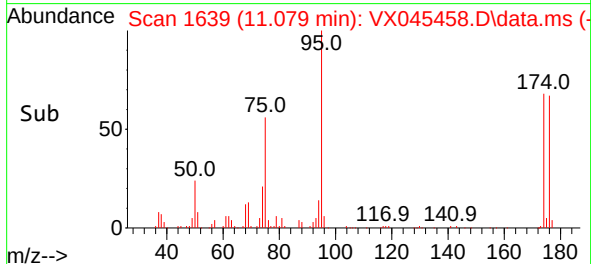
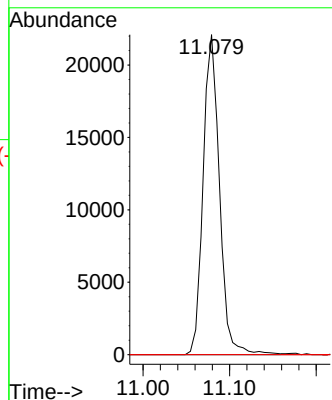
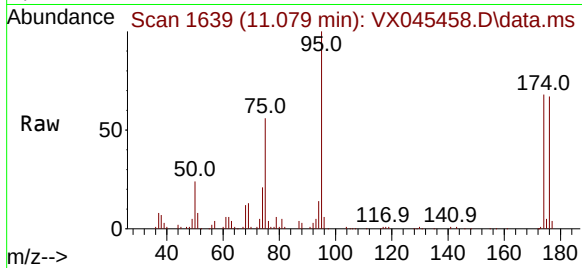




#81
 trans-1,4-Dichloro-2-butene
 Concen: 102.764 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.061 min
 Lab File: VX045458.D
 Acq: 26 Mar 2025 10:31

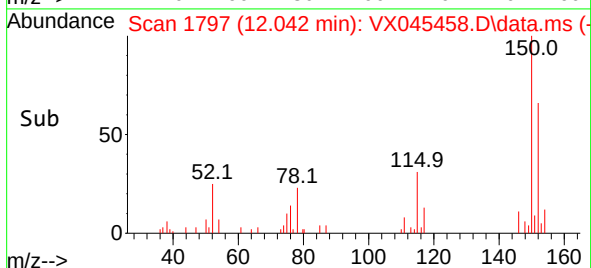
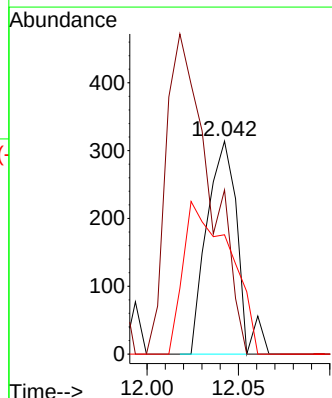
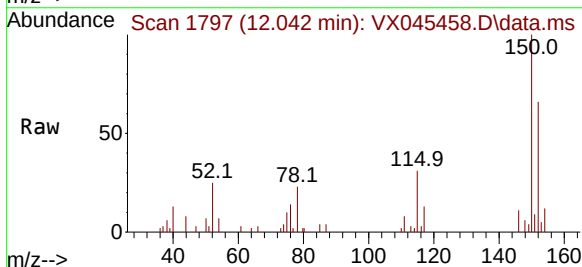
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0326MBL01

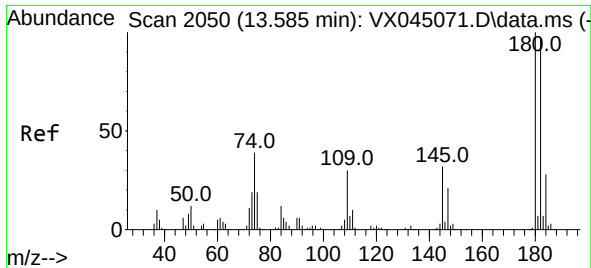
Tgt Ion: 75 Resp: 28980
 Ion Ratio Lower Upper
 75 100
 53 0.0 88.5 132.7#
 89 0.0 36.2 54.4#



#88
 1,4-Dichlorobenzene
 Concen: 0.266 ug/l
 RT: 12.042 min Scan# 1797
 Delta R.T. 0.006 min
 Lab File: VX045458.D
 Acq: 26 Mar 2025 10:31

Tgt Ion:146 Resp: 367
 Ion Ratio Lower Upper
 146 100
 111 0.0 20.2 60.5#
 148 0.0 31.9 95.9#

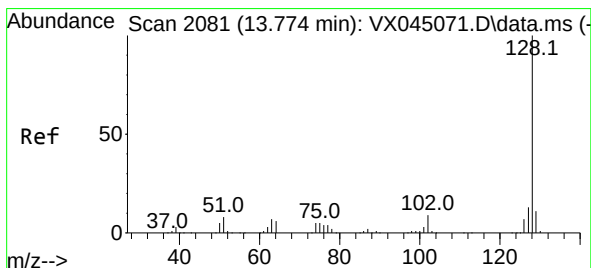
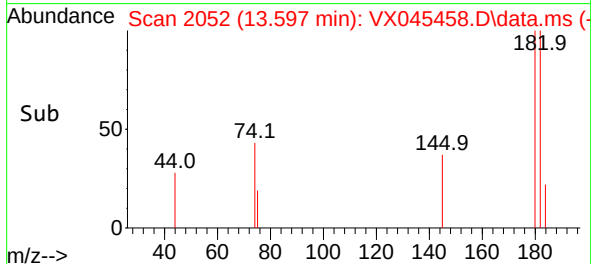
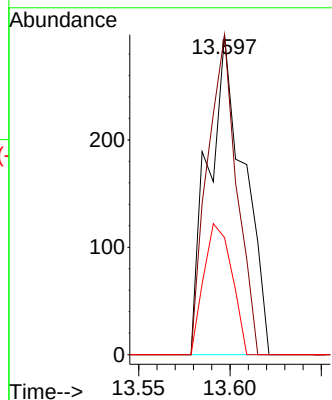
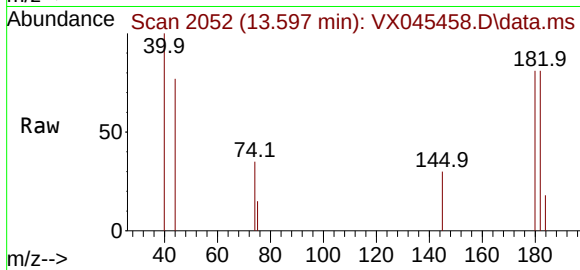




#93
1,2,4-Trichlorobenzene
Concen: 0.523 ug/l
RT: 13.597 min Scan# 2050
Delta R.T. 0.012 min
Lab File: VX045458.D
Acq: 26 Mar 2025 10:31

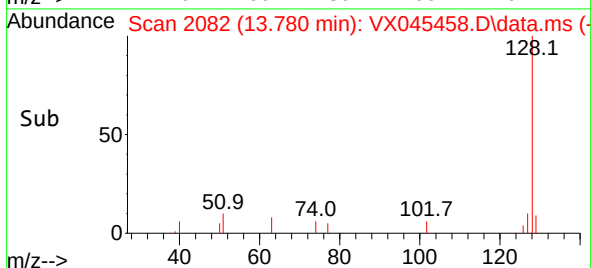
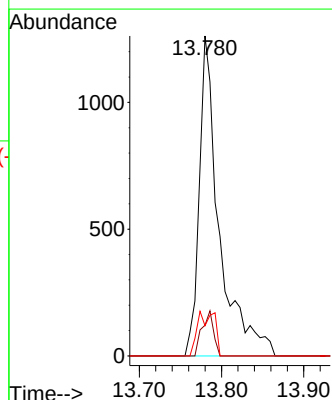
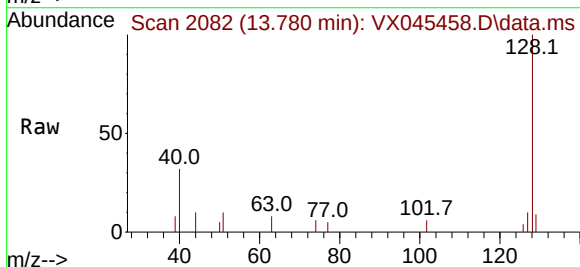
Instrument :
MSVOA_X
ClientSampleId :
VX0326MBL01

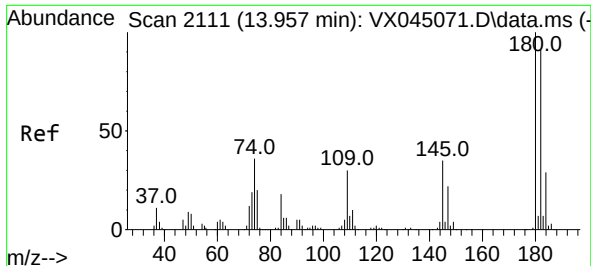
Tgt Ion:180 Resp: 407
Ion Ratio Lower Upper
180 100
182 82.1 47.3 141.9
145 32.2 16.3 48.9



#95
Naphthalene
Concen: 0.715 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX045458.D
Acq: 26 Mar 2025 10:31

Tgt Ion:128 Resp: 2137
Ion Ratio Lower Upper
128 100
127 8.0 10.3 15.5#
129 11.9 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 0.530 ug/l
 RT: 13.969 min Scan# 2113
 Delta R.T. 0.012 min
 Lab File: VX045458.D
 Acq: 26 Mar 2025 10:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0326MBL01

Tgt Ion:180 Resp: 435
 Ion Ratio Lower Upper
 180 100
 182 91.7 47.5 142.6
 145 21.6 17.0 50.9

