

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040825\
 Data File : VX045647.D
 Acq On : 08 Apr 2025 13:14
 Operator : JC/MD
 Sample : PB167492ZHE05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB167492ZHE05

Quant Time: Apr 09 01:37:31 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)

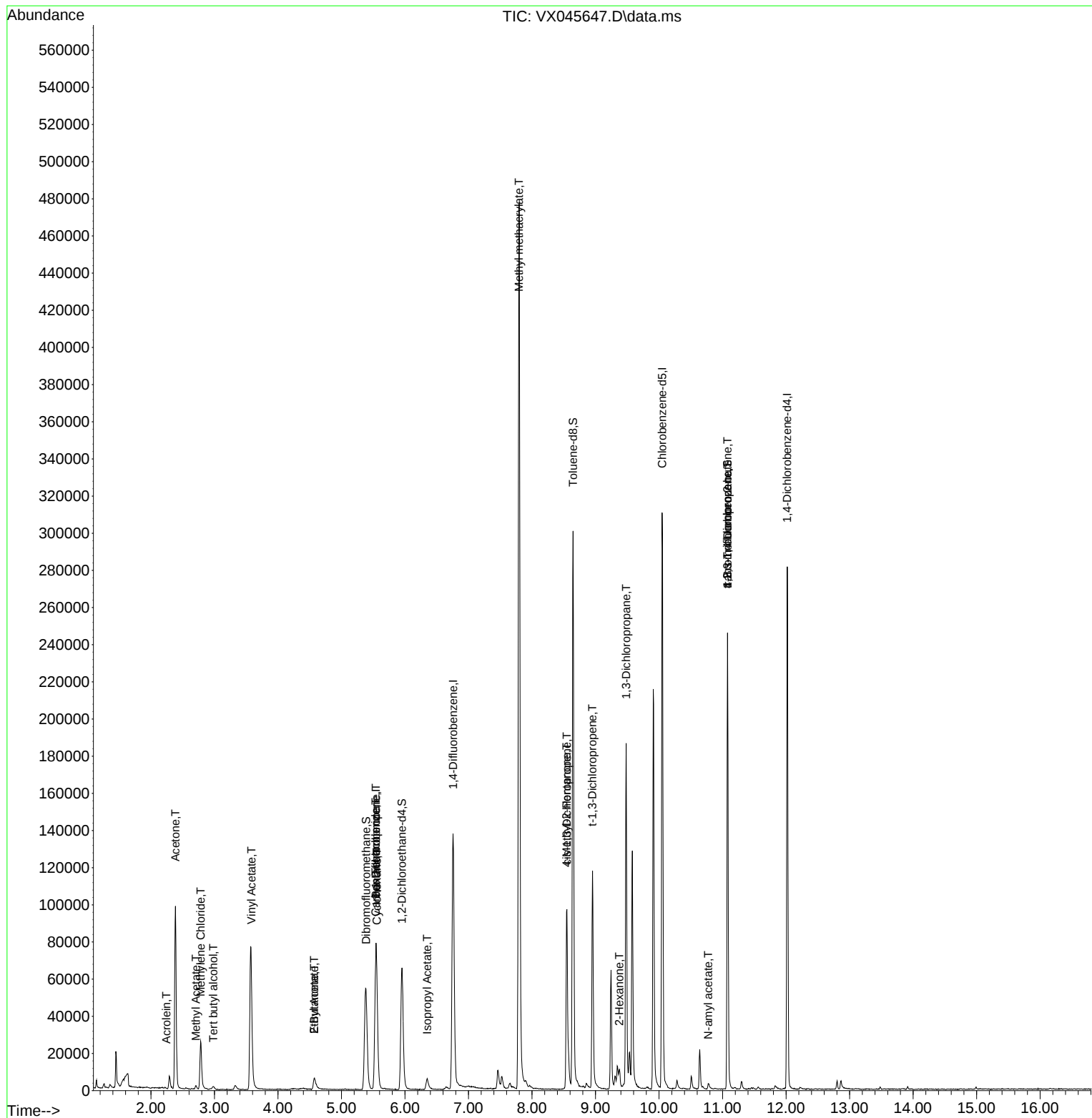
Internal Standards						
1) Pentafluorobenzene	5.544	168	65890	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	133175	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	127373	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51216	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66836	55.468	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 110.940%		
35) Dibromofluoromethane	5.385	113	48062	50.866	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.740%		
50) Toluene-d8	8.647	98	169300	51.334	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 102.660%		
62) 4-Bromofluorobenzene	11.079	95	63467	52.832	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 105.660%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.983	59	2003	12.369	ug/l	96
13) Acrolein	2.239	56	219	0.982	ug/l #	74
16) Acetone	2.386	43	109437	221.179	ug/l	97
18) Methyl Acetate	2.709	43	2365	2.076	ug/l	95
20) Methylene Chloride	2.782	84	11995	12.949	ug/l	91
23) Vinyl Acetate	3.581	43	1320	0.517	ug/l #	74
25) 2-Butanone	4.568	43	13017	17.973	ug/l #	84
31) Cyclohexane	5.556	56	1992	1.348	ug/l #	34
36) 1,1-Dichloropropene	5.544	75	6941	5.441	ug/l #	46
37) Ethyl Acetate	4.568	43	13017	8.096	ug/l #	71
38) Carbon Tetrachloride	5.538	117	7855	5.697	ug/l #	15
43) Isopropyl Acetate	6.348	43	9024	3.703	ug/l	95
48) Methyl methacrylate	7.793	41	48387	38.459	ug/l #	50
51) 4-Methyl-2-Pentanone	8.543	43	44353	27.457	ug/l #	46
53) t-1,3-Dichloropropene	8.952	75	161	2.396	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	14960	10.682	ug/l #	66
57) 1,3-Dichloropropane	9.482	76	1457	0.891	ug/l #	42
59) 2-Hexanone	9.372	43	10436	8.724	ug/l #	28
74) N-amyl acetate	10.774	43	2338	1.191	ug/l #	52
76) 1,2,3-Trichloropropane	11.079	75	36993	29.611	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	36993	100.498	ug/l #	1

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040825\
Data File : VX045647.D
Acq On : 08 Apr 2025 13:14
Operator : JC/MD
Sample : PB167492ZHE05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB167492ZHE05

Quant Time: Apr 09 01:37:31 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

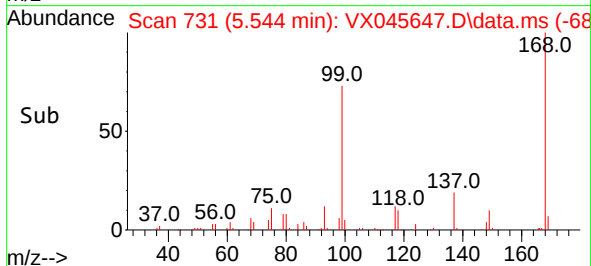
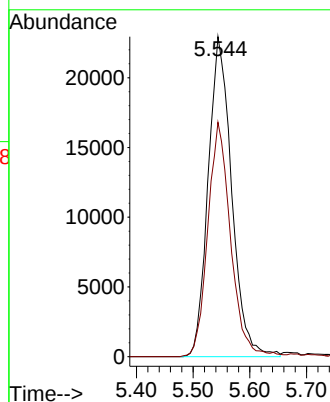
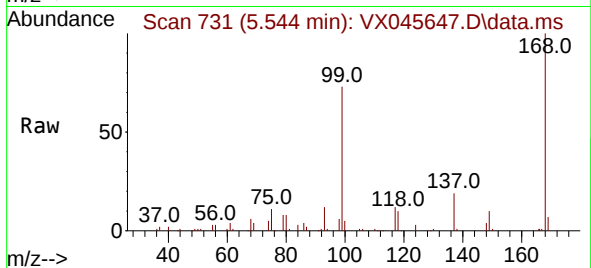




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.006 min
Lab File: VX045647.D
Acq: 08 Apr 2025 13:14

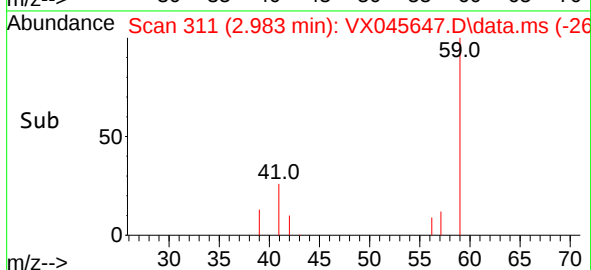
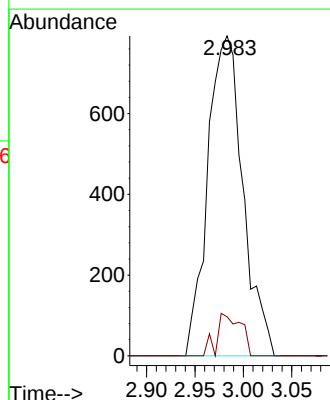
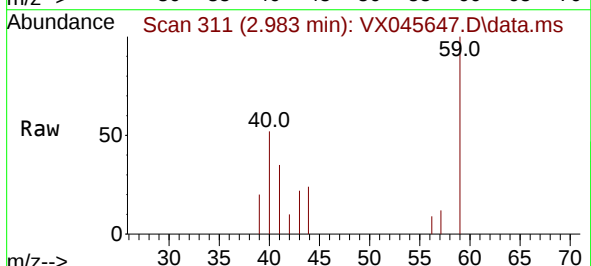
Instrument :
MSVOA_X
ClientSampleId :
PB167492ZHE05

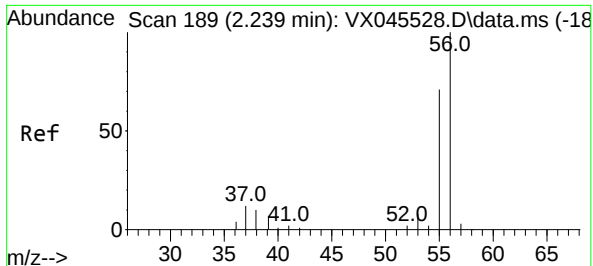
Tgt Ion:168 Resp: 65890
Ion Ratio Lower Upper
168 100
99 73.3 52.3 78.5



#11
Tert butyl alcohol
Concen: 12.369 ug/l
RT: 2.983 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX045647.D
Acq: 08 Apr 2025 13:14

Tgt Ion: 59 Resp: 2003
Ion Ratio Lower Upper
59 100
57 9.0 8.6 12.8

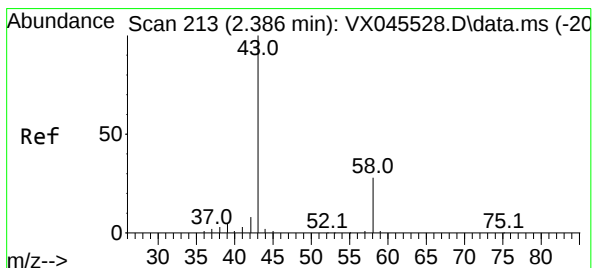
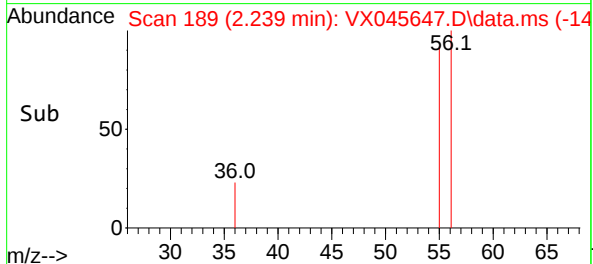
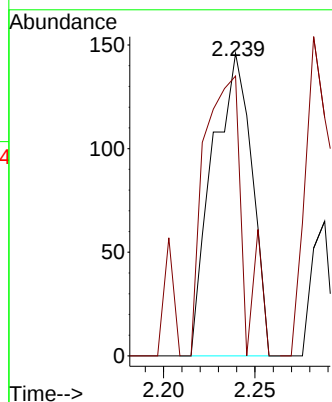
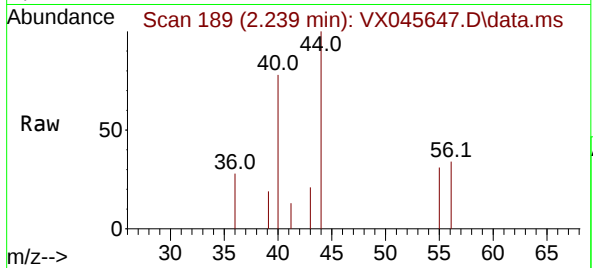




#13
Acrolein
Concen: 0.982 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX045647.D
Acq: 08 Apr 2025 13:14

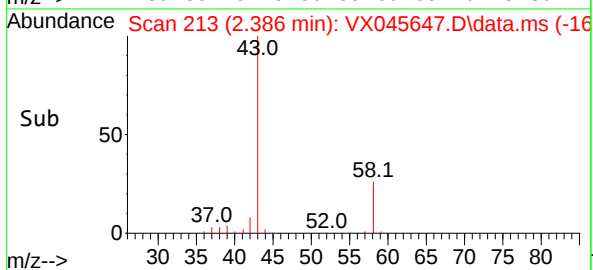
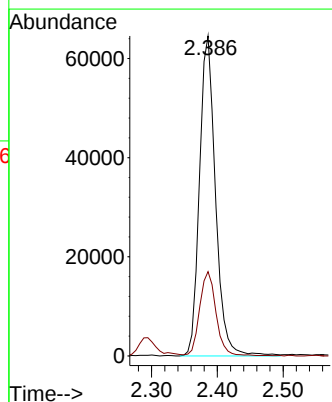
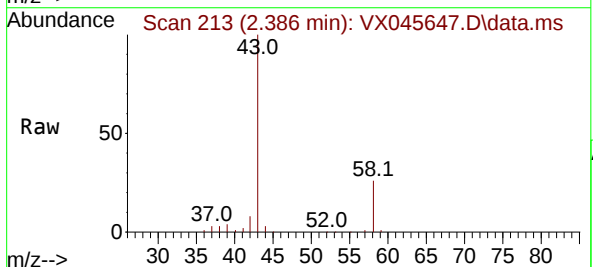
Instrument :
MSVOA_X
ClientSampleId :
PB167492ZHE05

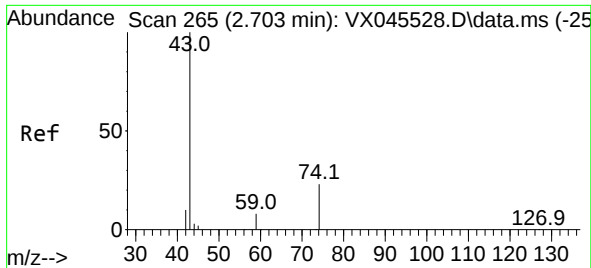
Tgt Ion: 56 Resp: 219
Ion Ratio Lower Upper
56 100
55 91.3 56.2 84.2#



#16
Acetone
Concen: 221.179 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045647.D
Acq: 08 Apr 2025 13:14

Tgt Ion: 43 Resp: 109437
Ion Ratio Lower Upper
43 100
58 26.2 22.3 33.5

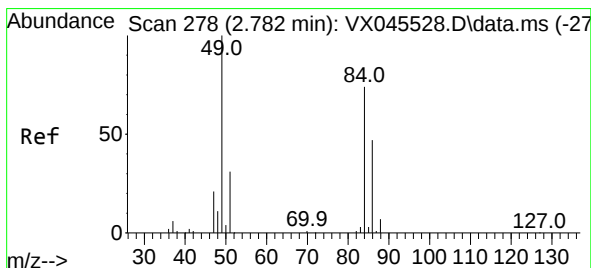
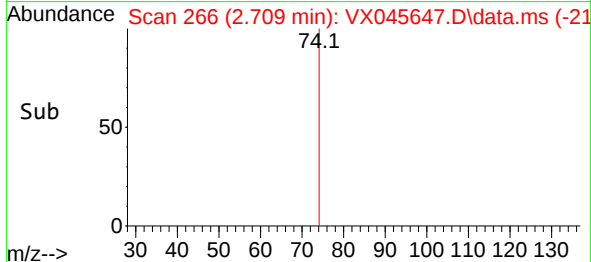
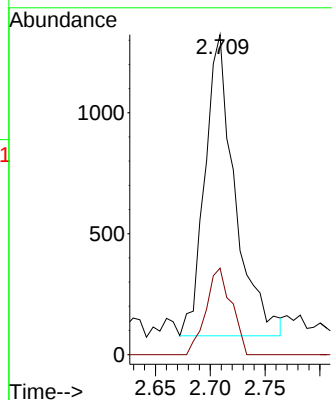
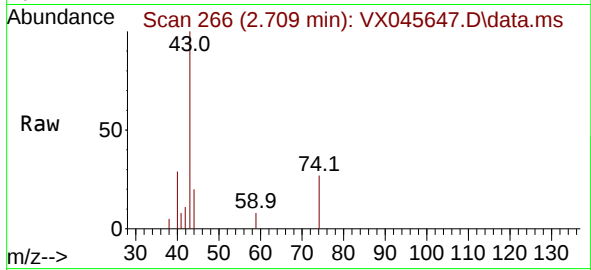




#18
Methyl Acetate
Concen: 2.076 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX045647.D
Acq: 08 Apr 2025 13:14

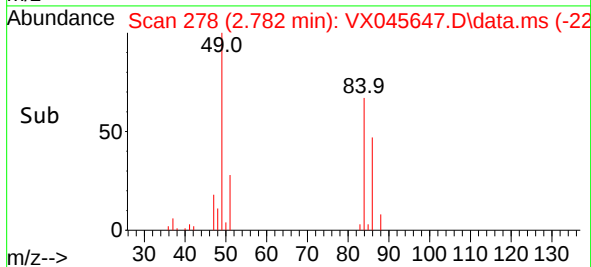
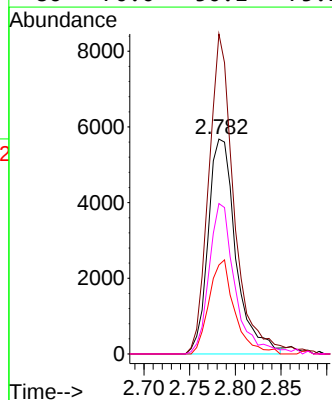
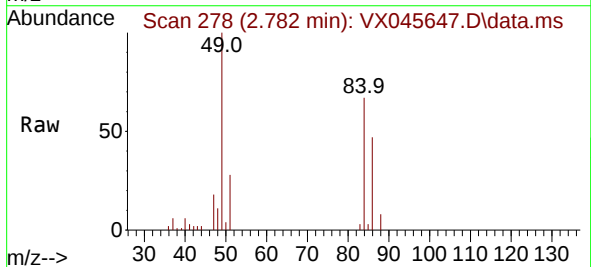
Instrument :
MSVOA_X
ClientSampleId :
PB167492ZHE05

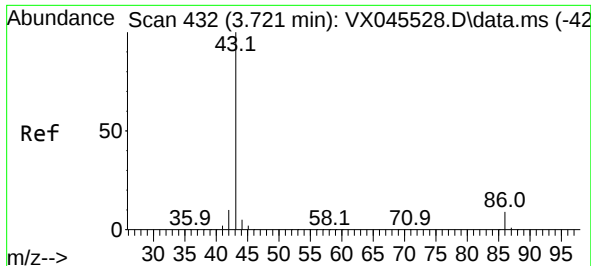
Tgt Ion: 43 Resp: 2365
Ion Ratio Lower Upper
43 100
74 24.4 17.5 26.3



#20
Methylene Chloride
Concen: 12.949 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045647.D
Acq: 08 Apr 2025 13:14

Tgt Ion: 84 Resp: 11995
Ion Ratio Lower Upper
84 100
49 148.9 107.5 161.3
51 41.4 33.0 49.6
86 70.0 50.1 75.1

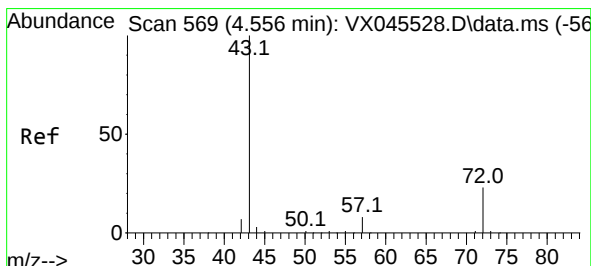
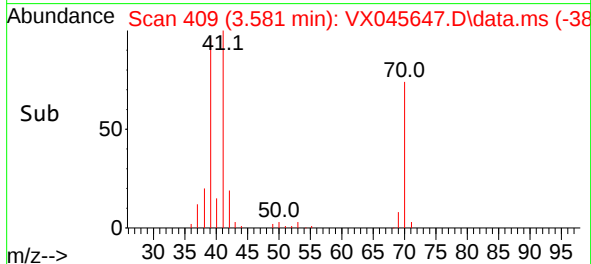
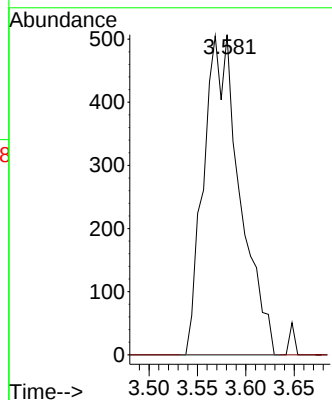
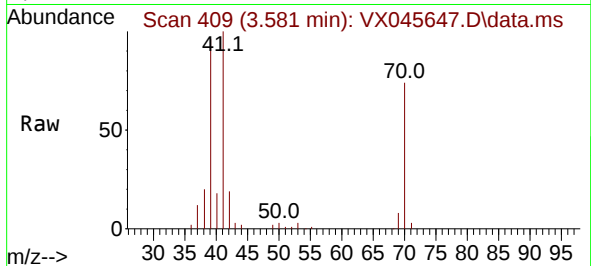




#23
 Vinyl Acetate
 Concen: 0.517 ug/l
 RT: 3.581 min Scan# 409
 Delta R.T. -0.140 min
 Lab File: VX045647.D
 Acq: 08 Apr 2025 13:14

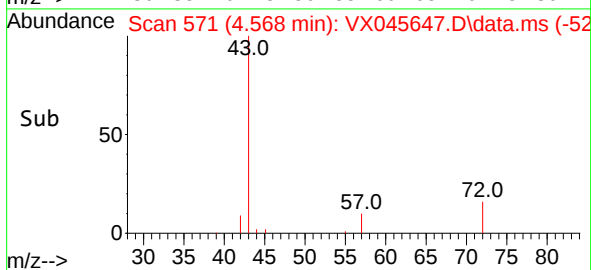
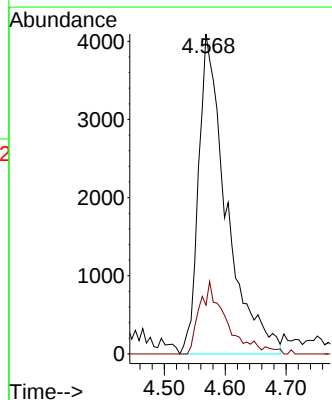
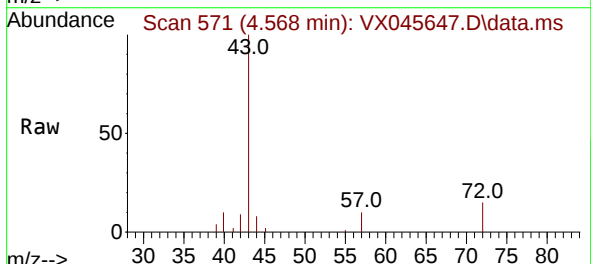
Instrument :
 MSVOA_X
 ClientSampleId :
 PB167492ZHE05

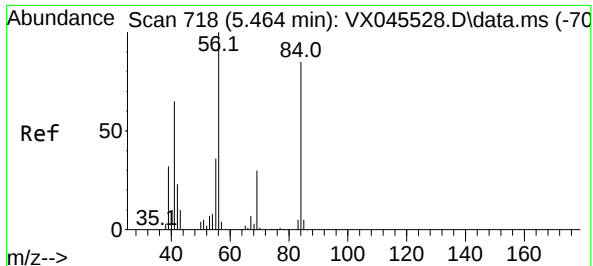
Tgt Ion: 43 Resp: 1320
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.5 11.3#



#25
 2-Butanone
 Concen: 17.973 ug/l
 RT: 4.568 min Scan# 571
 Delta R.T. 0.012 min
 Lab File: VX045647.D
 Acq: 08 Apr 2025 13:14

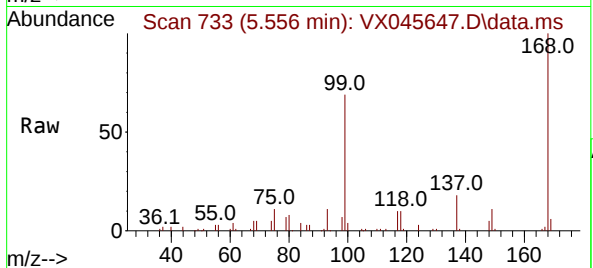
Tgt Ion: 43 Resp: 13017
 Ion Ratio Lower Upper
 43 100
 72 15.3 18.6 28.0#



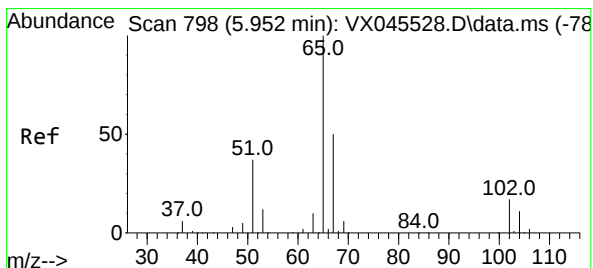
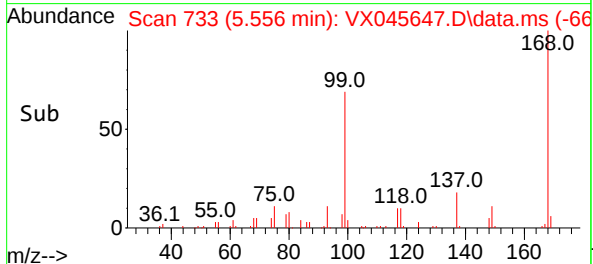
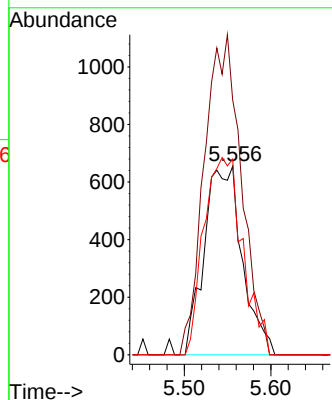


#31
Cyclohexane
Concen: 1.348 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.091 min
Lab File: VX045647.D
Acq: 08 Apr 2025 13:14

Instrument :
MSVOA_X
ClientSampleId :
PB167492ZHE05

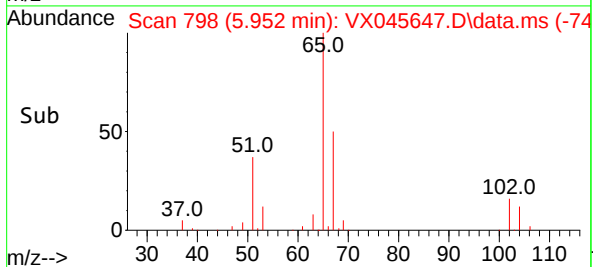
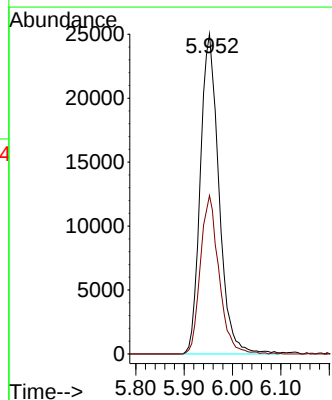
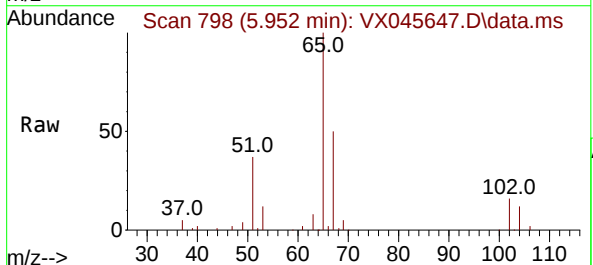


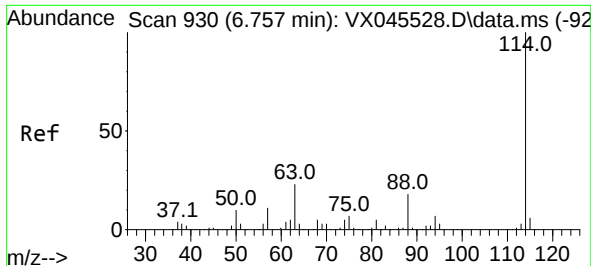
Tgt Ion: 56 Resp: 1992
Ion Ratio Lower Upper
56 100
69 135.1 23.6 35.4#
84 103.8 67.7 101.5#



#33
1,2-Dichloroethane-d4
Concen: 55.468 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045647.D
Acq: 08 Apr 2025 13:14

Tgt Ion: 65 Resp: 66836
Ion Ratio Lower Upper
65 100
67 49.4 0.0 99.0

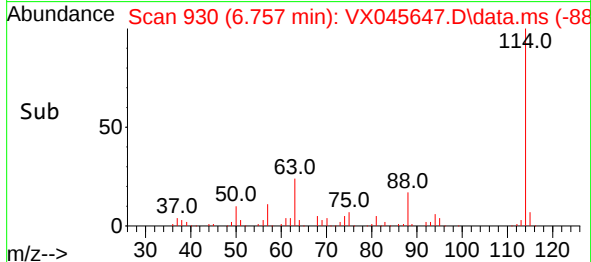
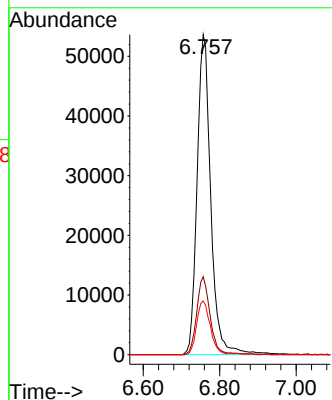
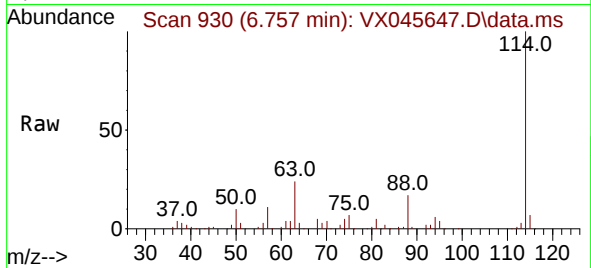




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX045647.D
Acq: 08 Apr 2025 13:14

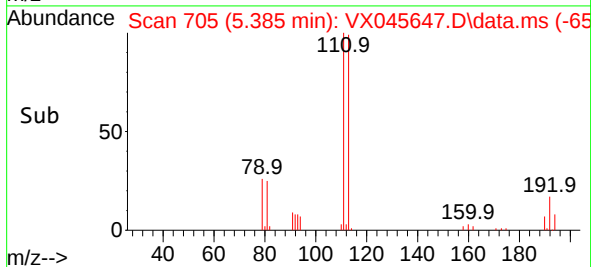
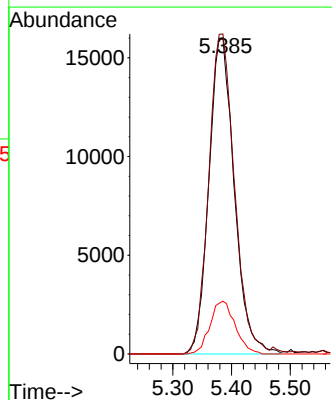
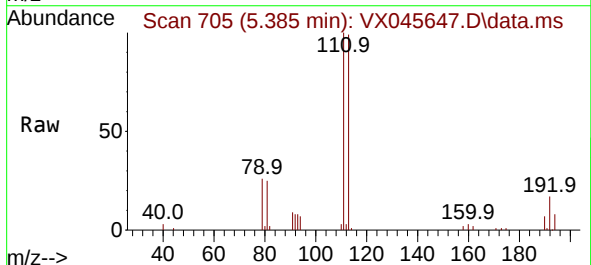
Instrument :
MSVOA_X
ClientSampleId :
PB167492ZHE05

Tgt Ion:114 Resp: 133175
Ion Ratio Lower Upper
114 100
63 24.3 0.0 46.8
88 16.8 0.0 35.4



#35
Dibromofluoromethane
Concen: 50.866 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX045647.D
Acq: 08 Apr 2025 13:14

Tgt Ion:113 Resp: 48062
Ion Ratio Lower Upper
113 100
111 102.4 81.8 122.6
192 16.6 13.8 20.6





#36

1,1-Dichloropropene

Concen: 5.441 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX045647.D

Acq: 08 Apr 2025 13:14

Instrument :

MSVOA_X

ClientSampleId :

PB167492ZHE05

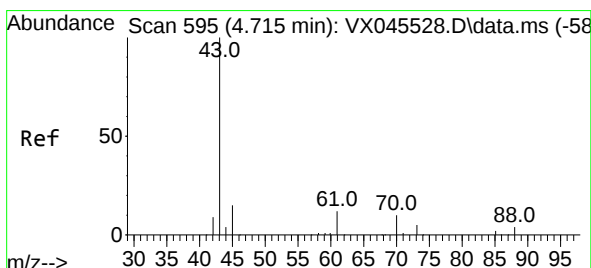
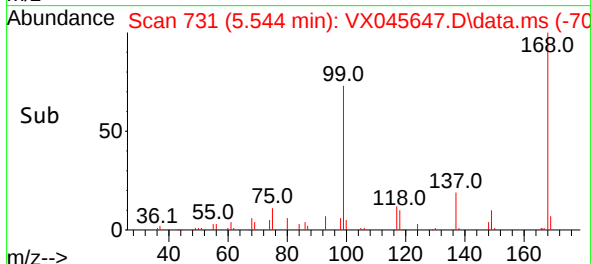
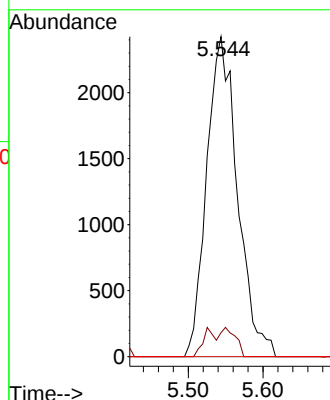
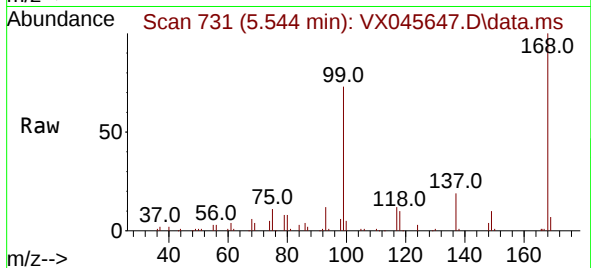
Tgt Ion: 75 Resp: 6941

Ion Ratio Lower Upper

75 100

110 4.6 16.9 50.6#

77 0.0 25.0 37.4#



#37

Ethyl Acetate

Concen: 8.096 ug/l

RT: 4.568 min Scan# 571

Delta R.T. -0.146 min

Lab File: VX045647.D

Acq: 08 Apr 2025 13:14

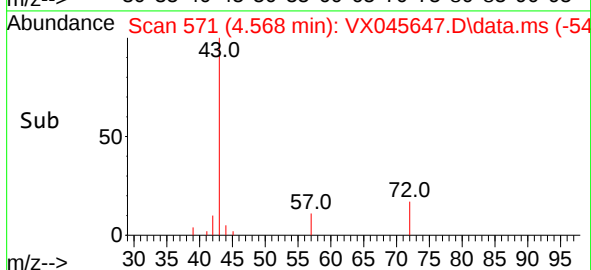
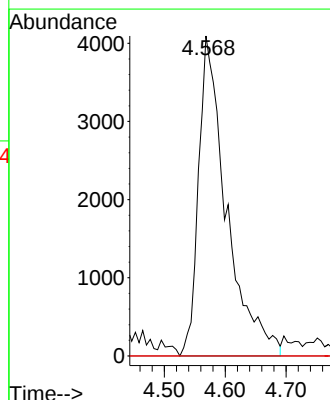
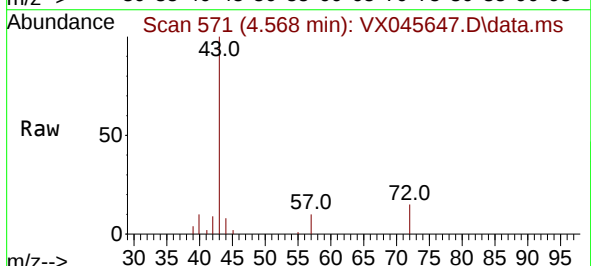
Tgt Ion: 43 Resp: 13017

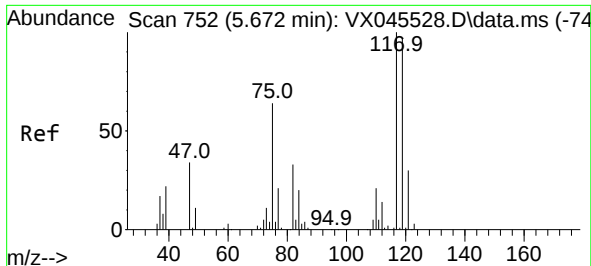
Ion Ratio Lower Upper

43 100

61 0.0 9.9 14.9#

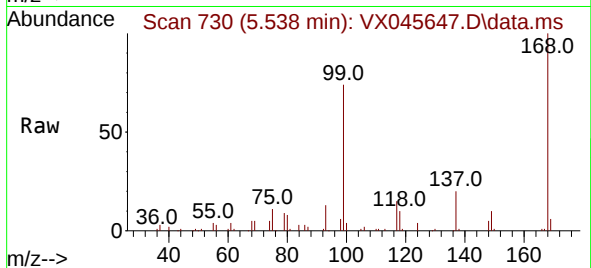
70 0.0 7.5 11.3#



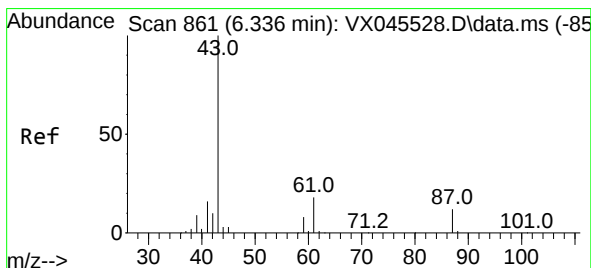
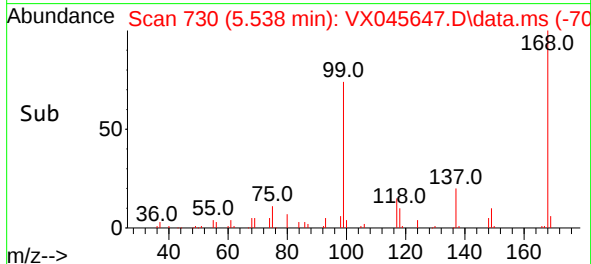
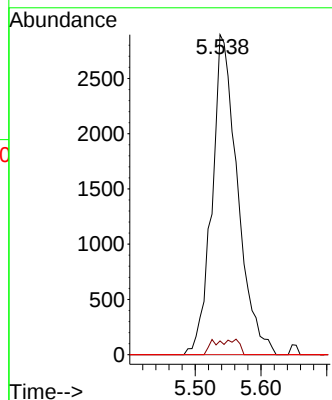


#38
Carbon Tetrachloride
Concen: 5.697 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX045647.D
Acq: 08 Apr 2025 13:14

Instrument :
MSVOA_X
ClientSampleId :
PB167492ZHE05

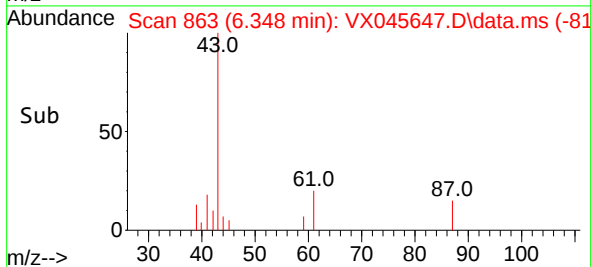
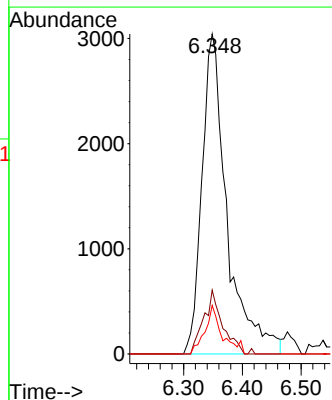
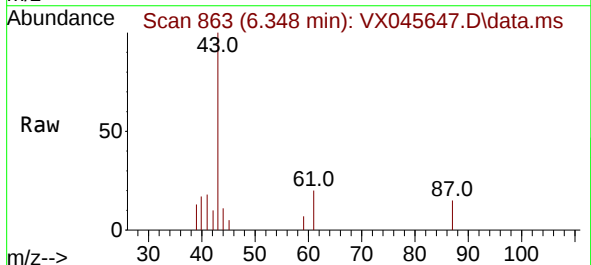


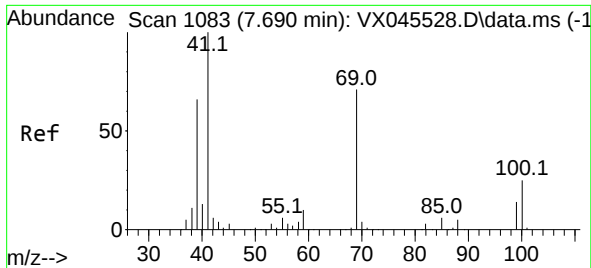
Tgt Ion:117 Resp: 7855
Ion Ratio Lower Upper
117 100
119 4.3 76.9 115.3#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 3.703 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.012 min
Lab File: VX045647.D
Acq: 08 Apr 2025 13:14

Tgt Ion: 43 Resp: 9024
Ion Ratio Lower Upper
43 100
61 15.0 14.1 21.1
87 10.4 9.2 13.8

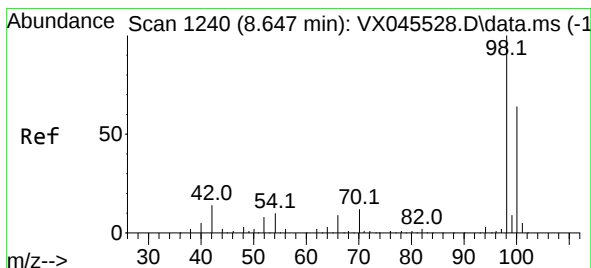
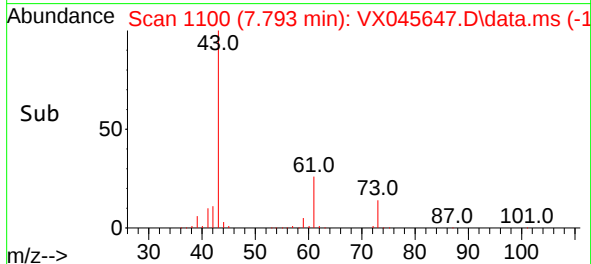
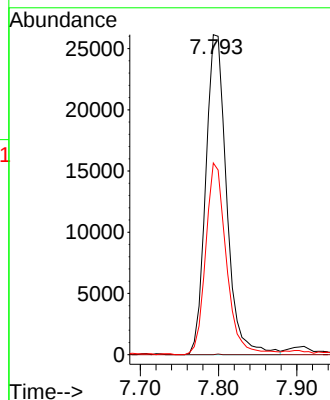
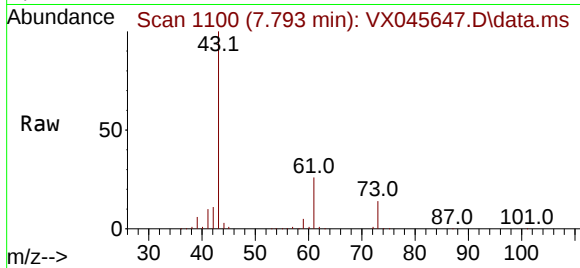




#48
Methyl methacrylate
Concen: 38.459 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.104 min
Lab File: VX045647.D
Acq: 08 Apr 2025 13:14

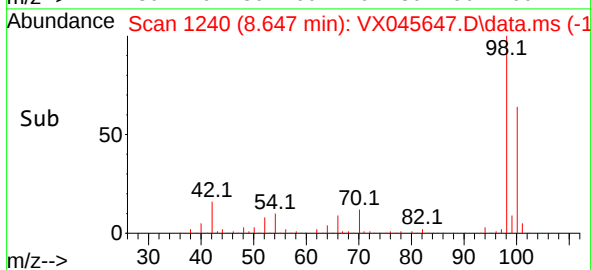
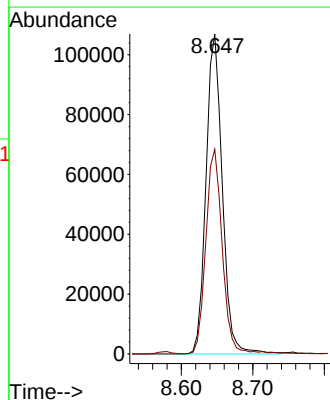
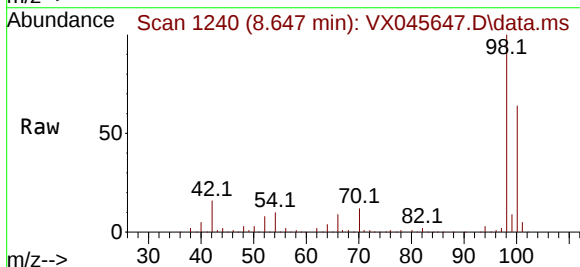
Instrument :
MSVOA_X
ClientSampleId :
PB167492ZHE05

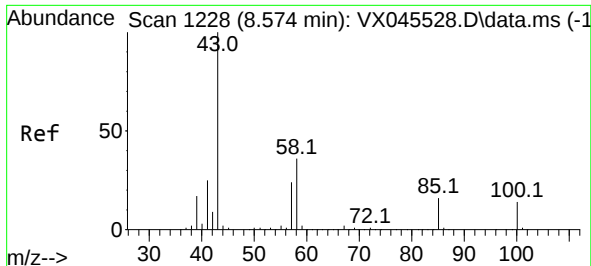
Tgt Ion: 41 Resp: 48387
Ion Ratio Lower Upper
41 100
69 0.0 58.2 87.2#
39 59.4 53.6 80.4



#50
Toluene-d8
Concen: 51.334 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045647.D
Acq: 08 Apr 2025 13:14

Tgt Ion: 98 Resp: 169300
Ion Ratio Lower Upper
98 100
100 64.5 52.2 78.4

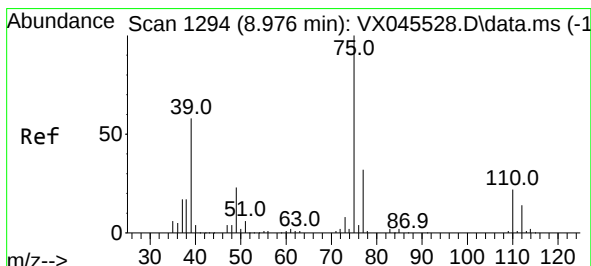
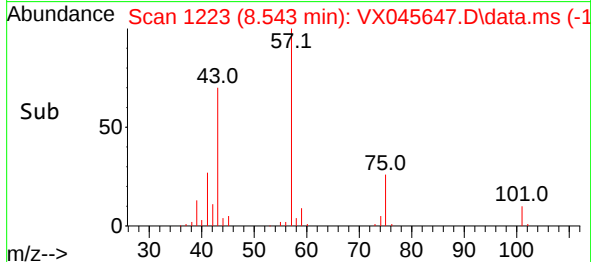
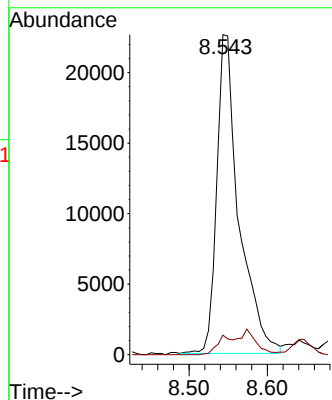
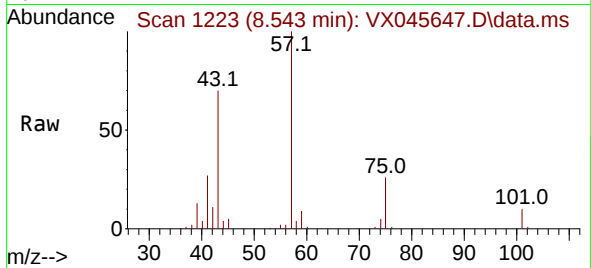




#51
4-Methyl-2-Pentanone
Concen: 27.457 ug/l
RT: 8.543 min Scan# 11
Delta R.T. -0.030 min
Lab File: VX045647.D
Acq: 08 Apr 2025 13:14

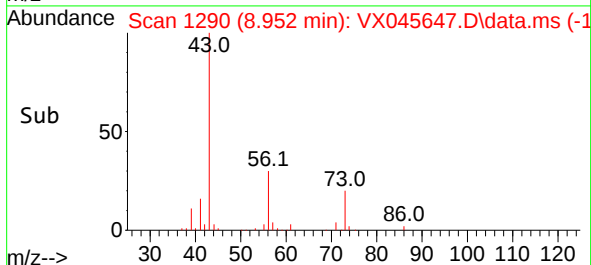
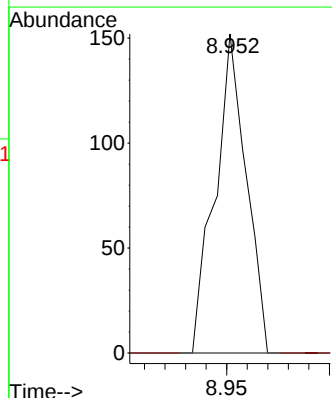
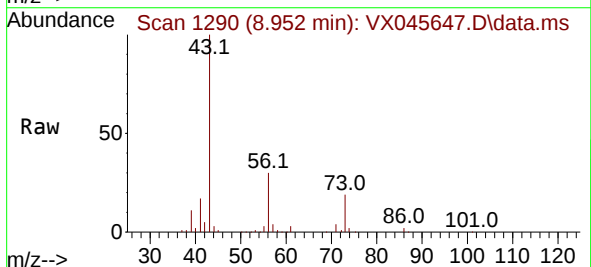
Instrument :
MSVOA_X
ClientSampleId :
PB167492ZHE05

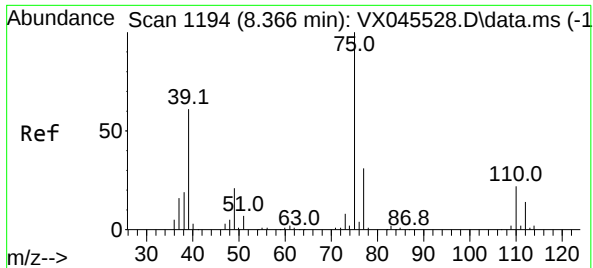
Tgt Ion: 43 Resp: 44353
Ion Ratio Lower Upper
43 100
58 4.0 28.5 42.7#



#53
t-1,3-Dichloropropene
Concen: 2.396 ug/l
RT: 8.952 min Scan# 1290
Delta R.T. -0.024 min
Lab File: VX045647.D
Acq: 08 Apr 2025 13:14

Tgt Ion: 75 Resp: 161
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.0#

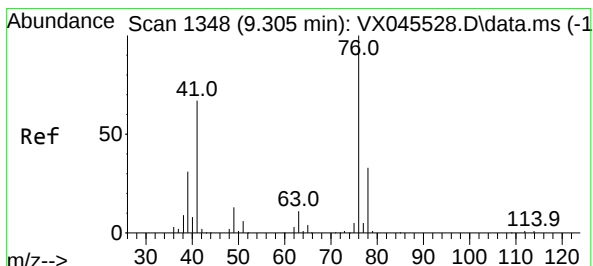
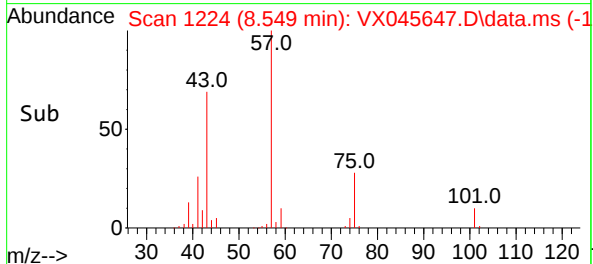
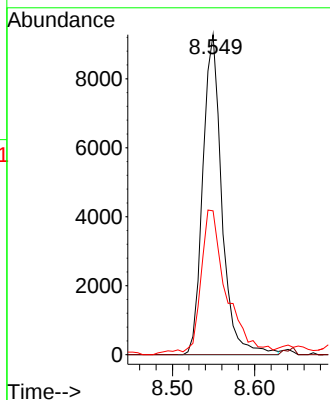
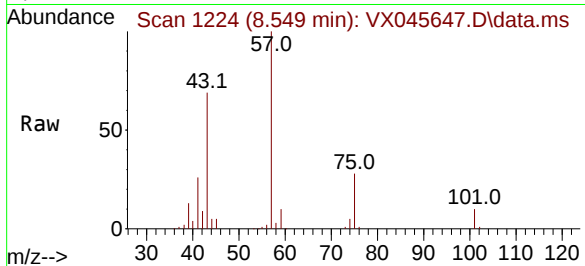




#54
 cis-1,3-Dichloropropene
 Concen: 10.682 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX045647.D
 Acq: 08 Apr 2025 13:14

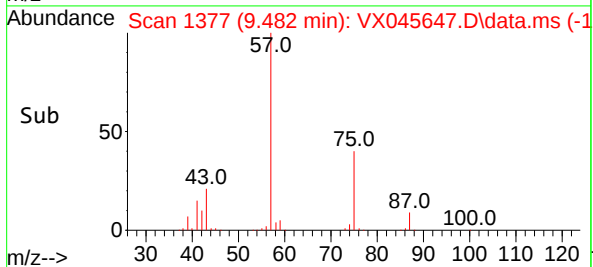
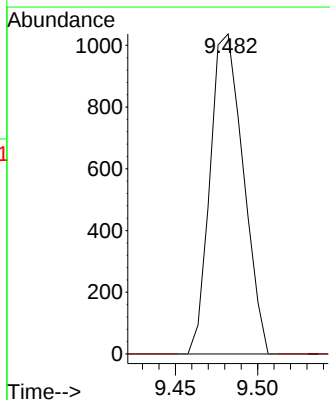
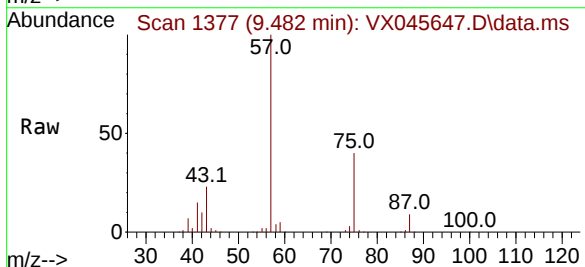
Instrument :
 MSVOA_X
 ClientSampleId :
 PB167492ZHE05

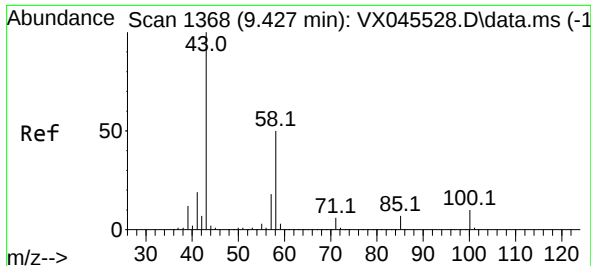
Tgt Ion: 75 Resp: 14960
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.6 36.8#
 39 43.4 48.4 72.6#



#57
 1,3-Dichloropropane
 Concen: 0.891 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.177 min
 Lab File: VX045647.D
 Acq: 08 Apr 2025 13:14

Tgt Ion: 76 Resp: 1457
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.0 39.0#





#59

2-Hexanone

Concen: 8.724 ug/l

RT: 9.372 min Scan# 11

Delta R.T. -0.055 min

Lab File: VX045647.D

Acq: 08 Apr 2025 13:14

Instrument :

MSVOA_X

ClientSampleId :

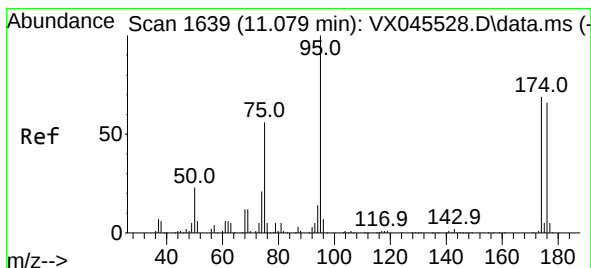
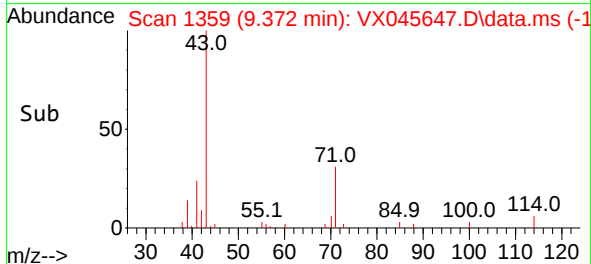
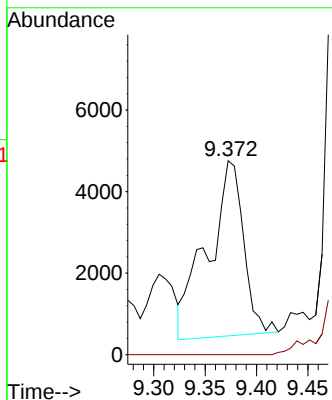
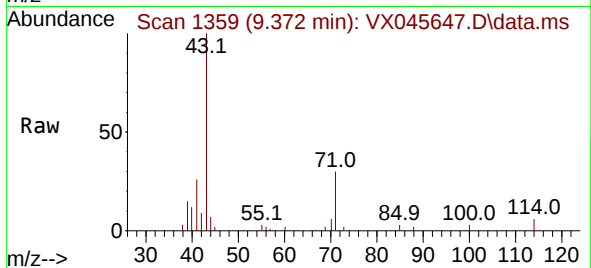
PB167492ZHE05

Tgt Ion: 43 Resp: 10436

Ion Ratio Lower Upper

43 100

58 0.0 24.9 74.6#



#62

4-Bromofluorobenzene

Concen: 52.832 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX045647.D

Acq: 08 Apr 2025 13:14

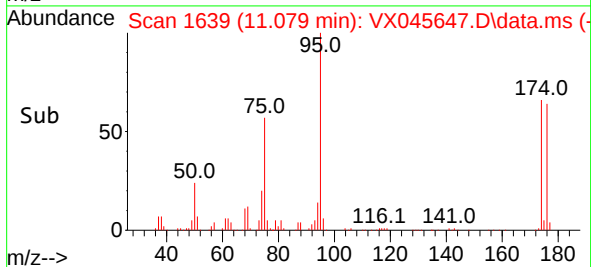
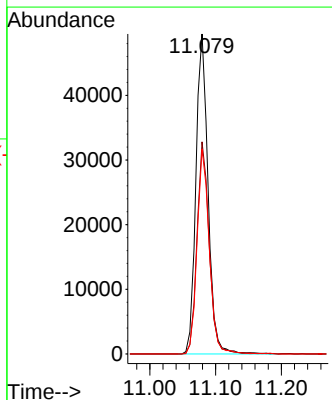
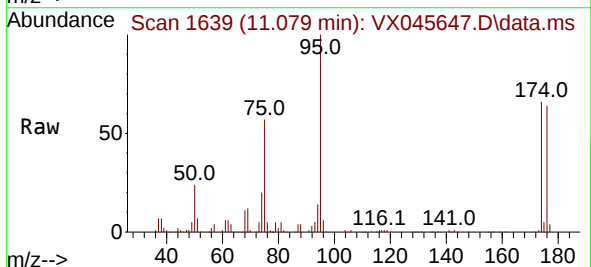
Tgt Ion: 95 Resp: 63467

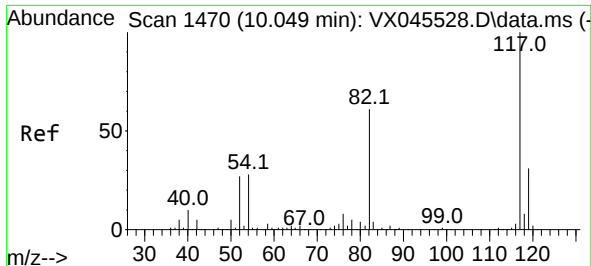
Ion Ratio Lower Upper

95 100

174 66.3 0.0 135.8

176 64.3 0.0 131.4

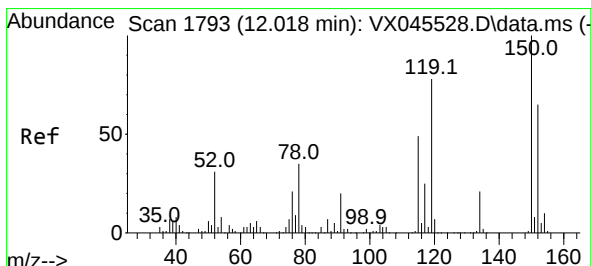
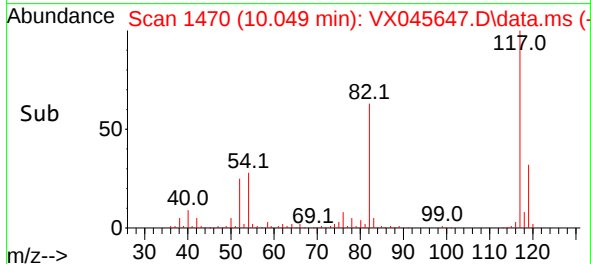
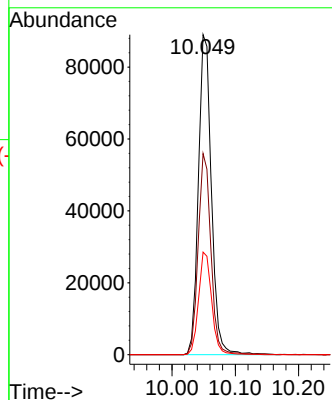
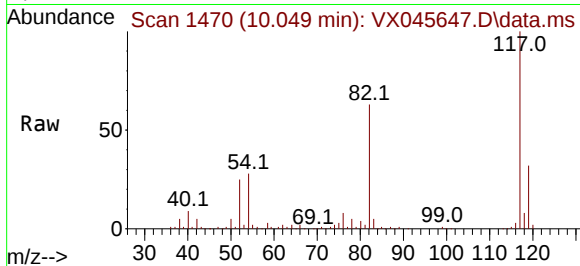




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045647.D
Acq: 08 Apr 2025 13:14

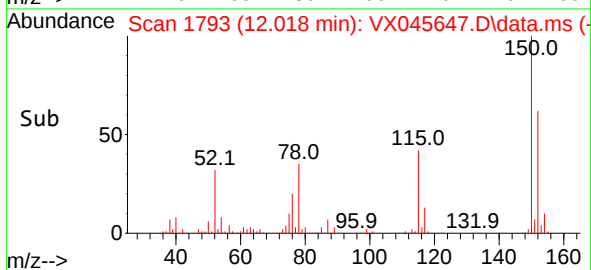
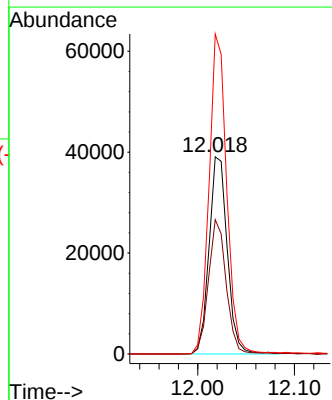
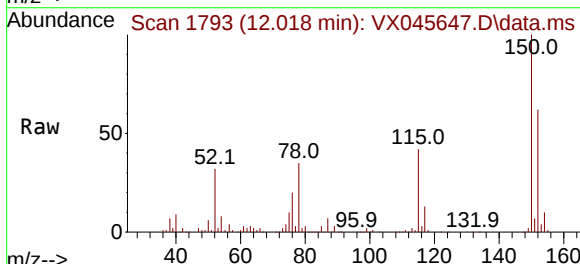
Instrument :
MSVOA_X
ClientSampleId :
PB167492ZHE05

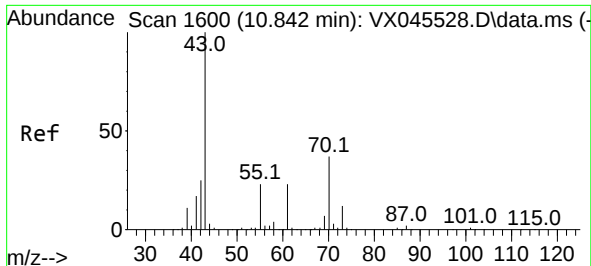
Tgt Ion:117 Resp: 127373
Ion Ratio Lower Upper
117 100
82 62.9 49.2 73.8
119 32.0 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045647.D
Acq: 08 Apr 2025 13:14

Tgt Ion:152 Resp: 51216
Ion Ratio Lower Upper
152 100
115 66.6 46.9 140.7
150 157.9 0.0 349.4

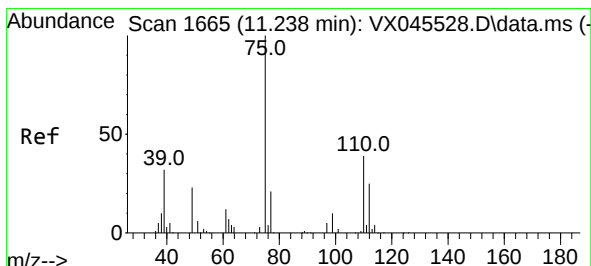
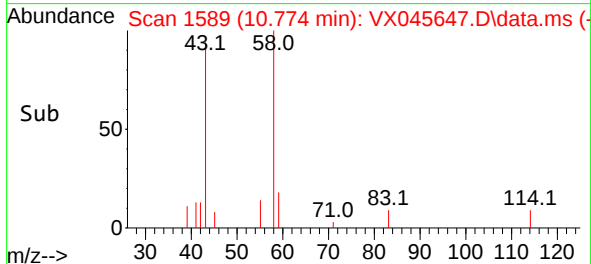
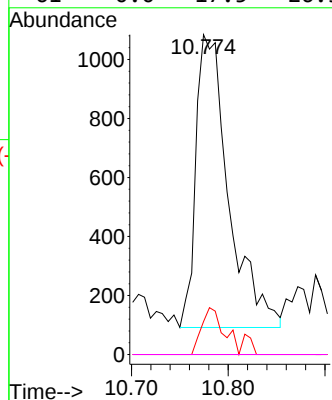
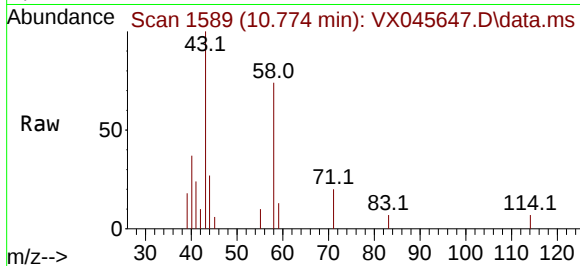




#74
N-amy1 acetate
Concen: 1.191 ug/l
RT: 10.774 min Scan# 1639
Delta R.T. -0.067 min
Lab File: VX045647.D
Acq: 08 Apr 2025 13:14

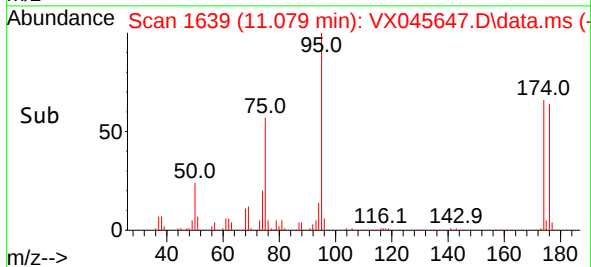
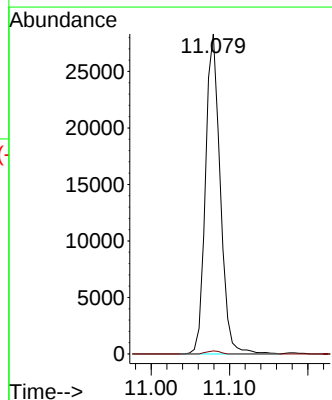
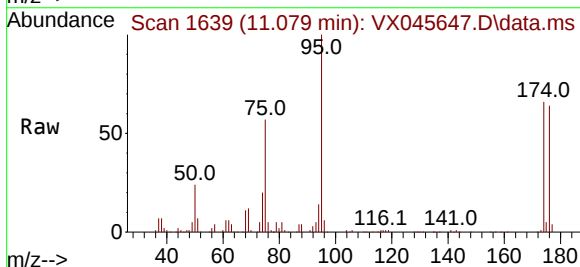
Instrument :
MSVOA_X
ClientSampleId :
PB167492ZHE05

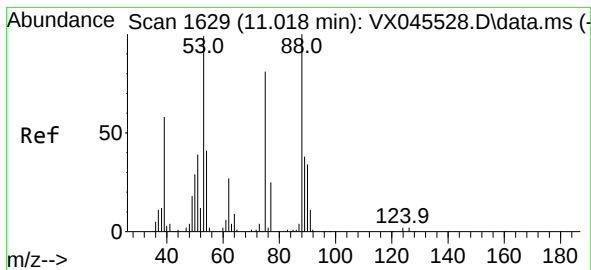
Tgt Ion:	43	Resp:	2338
Ion	Ratio	Lower	Upper
43	100		
70	0.0	30.1	45.1#
55	10.8	18.3	27.5#
61	0.0	17.5	26.3#



#76
1,2,3-Trichloropropane
Concen: 29.611 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045647.D
Acq: 08 Apr 2025 13:14

Tgt Ion:	75	Resp:	36993
Ion	Ratio	Lower	Upper
75	100		
77	0.9	20.0	59.9#





#81
trans-1,4-Dichloro-2-butene
Concen: 100.498 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX045647.D
Acq: 08 Apr 2025 13:14

Instrument :
MSVOA_X
ClientSampleId :
PB167492ZHE05

Tgt Ion: 75 Resp: 36993
Ion Ratio Lower Upper
75 100
53 0.0 101.8 152.6#
89 0.0 37.2 55.8#

