

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041025\
 Data File : VX045695.D
 Acq On : 10 Apr 2025 13:50
 Operator : JC/MD
 Sample : PB167534ZHE#01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB167534ZHE#01

Quant Time: Apr 11 01:56:18 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)

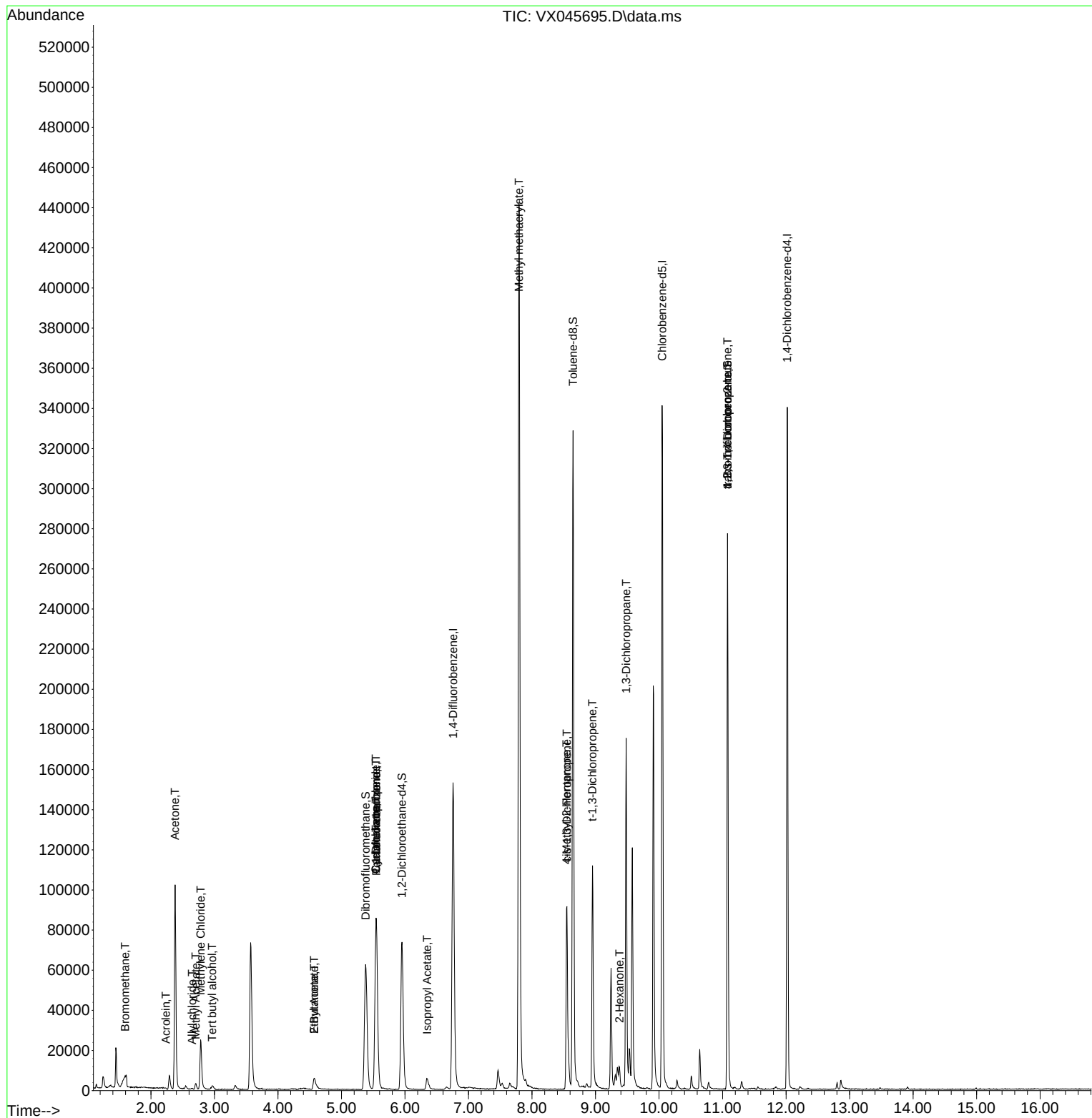
Internal Standards						
1) Pentafluorobenzene	5.550	168	73738	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	146866	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	139642	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	61389	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	75635	56.089	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.180%			
35) Dibromofluoromethane	5.379	113	55054	52.834	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.660%			
50) Toluene-d8	8.647	98	184726	50.790	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.580%			
62) 4-Bromofluorobenzene	11.079	95	70461	53.186	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.380%			
Target Compounds					Qvalue	
5) Bromomethane	1.593	94	127	0.258	ug/l #	3
11) Tert butyl alcohol	2.965	59	2025	11.174	ug/l	98
13) Acrolein	2.233	56	206	0.825	ug/l #	51
14) Allyl chloride	2.648	41	461	0.274	ug/l #	51
16) Acetone	2.380	43	107886	194.838	ug/l	100
18) Methyl Acetate	2.703	43	3439	2.698	ug/l	98
20) Methylene Chloride	2.782	84	11296	10.897	ug/l	98
25) 2-Butanone	4.568	43	11496	14.183	ug/l #	90
31) Cyclohexane	5.544	56	2255	1.363	ug/l #	44
36) 1,1-Dichloropropene	5.544	75	7370	5.238	ug/l #	48
37) Ethyl Acetate	4.568	43	11496	6.484	ug/l #	71
38) Carbon Tetrachloride	5.544	117	8863	5.829	ug/l #	16
43) Isopropyl Acetate	6.348	43	8071	3.003	ug/l	99
48) Methyl methacrylate	7.793	41	45814	33.020	ug/l #	50
51) 4-Methyl-2-Pentanone	8.543	43	41339	23.206	ug/l #	46
53) t-1,3-Dichloropropene	8.951	75	198	2.409	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	14080	9.116	ug/l #	71
57) 1,3-Dichloropropane	9.482	76	1543	0.855	ug/l #	42
59) 2-Hexanone	9.378	43	6969	5.283	ug/l #	28
76) 1,2,3-Trichloropropane	11.079	75	41340	27.607	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	41340	93.696	ug/l #	1

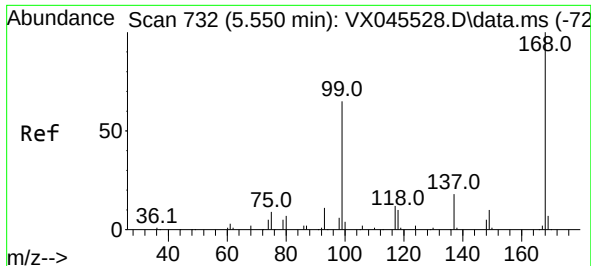
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041025\
Data File : VX045695.D
Acq On : 10 Apr 2025 13:50
Operator : JC/MD
Sample : PB167534ZHE#01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB167534ZHE#01

Quant Time: Apr 11 01:56:18 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

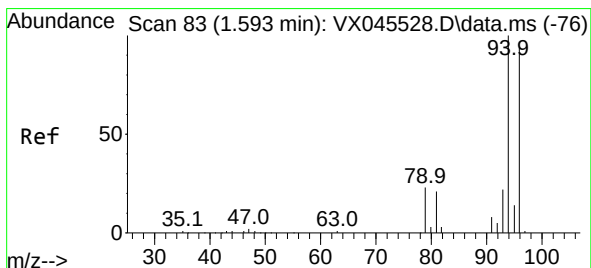
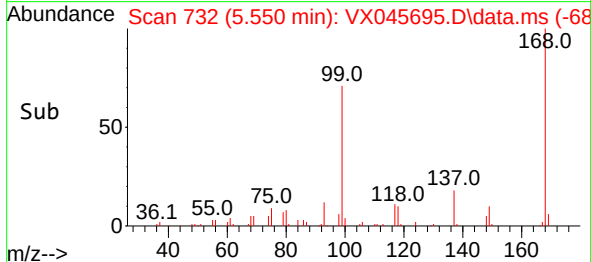
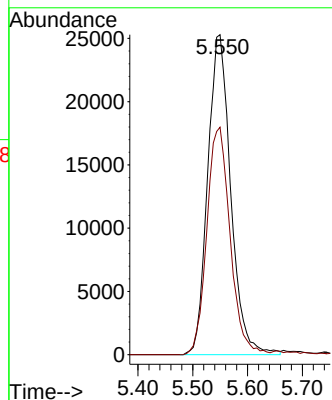
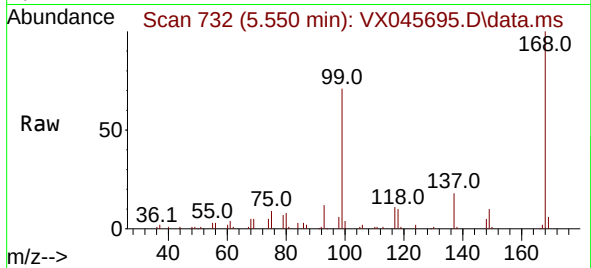




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045695.D
Acq: 10 Apr 2025 13:50

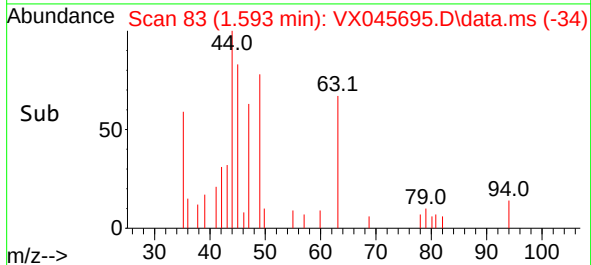
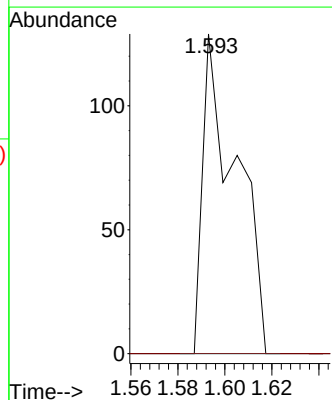
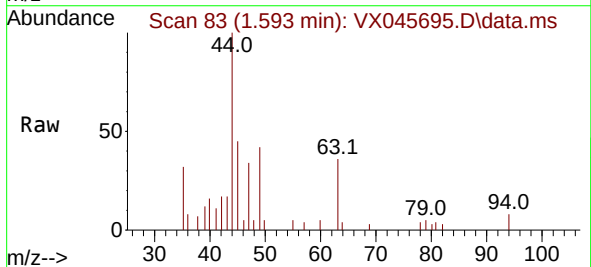
Instrument :
MSVOA_X
ClientSampleId :
PB167534ZHE#01

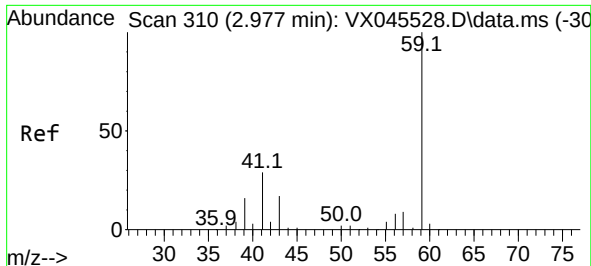
Tgt Ion:168 Resp: 73738
Ion Ratio Lower Upper
168 100
99 71.1 52.3 78.5



#5
Bromomethane
Concen: 0.258 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
Lab File: VX045695.D
Acq: 10 Apr 2025 13:50

Tgt Ion: 94 Resp: 127
Ion Ratio Lower Upper
94 100
96 0.0 74.8 112.2#





#11

Tert butyl alcohol

Concen: 11.174 ug/l

RT: 2.965 min Scan# 30

Delta R.T. -0.012 min

Lab File: VX045695.D

Acq: 10 Apr 2025 13:50

Instrument :

MSVOA_X

ClientSampleId :

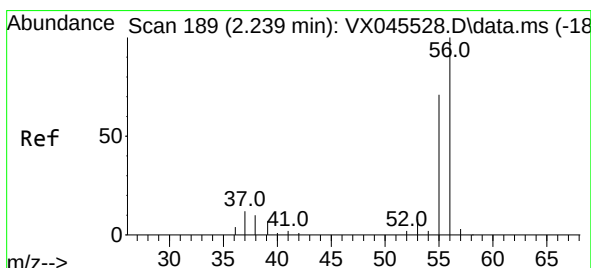
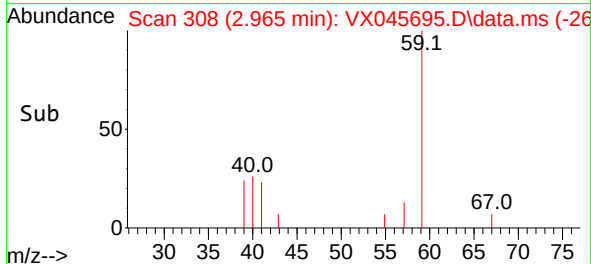
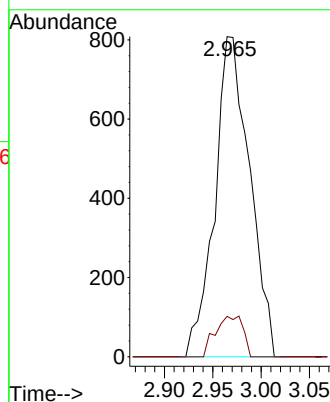
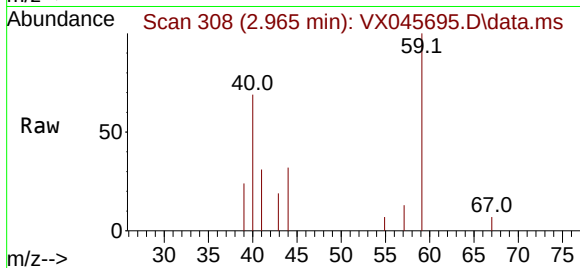
PB167534ZHE#01

Tgt Ion: 59 Resp: 2025

Ion Ratio Lower Upper

59 100

57 10.1 8.6 12.8



#13

Acrolein

Concen: 0.825 ug/l

RT: 2.233 min Scan# 188

Delta R.T. -0.006 min

Lab File: VX045695.D

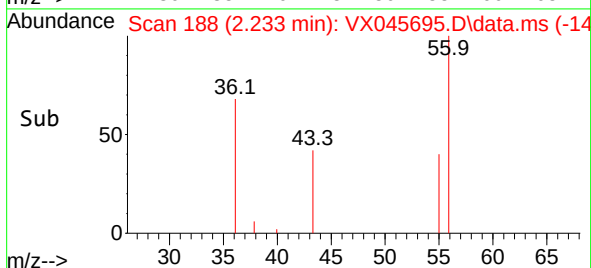
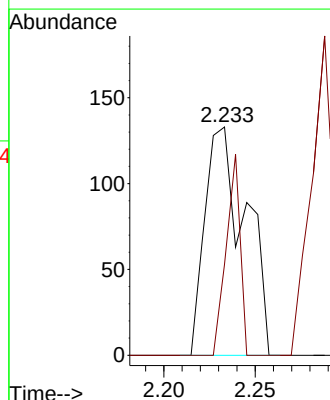
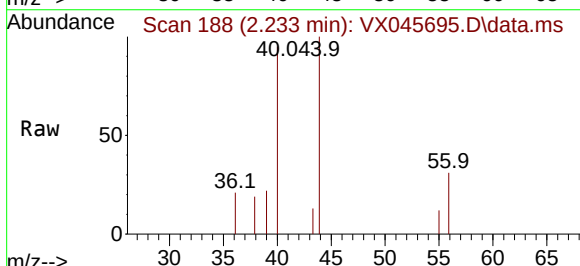
Acq: 10 Apr 2025 13:50

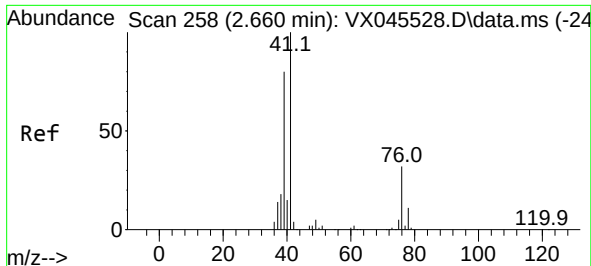
Tgt Ion: 56 Resp: 206

Ion Ratio Lower Upper

56 100

55 30.1 56.2 84.2#

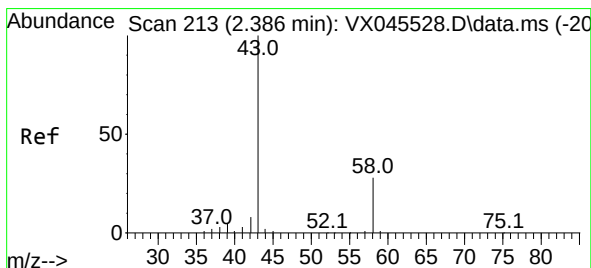
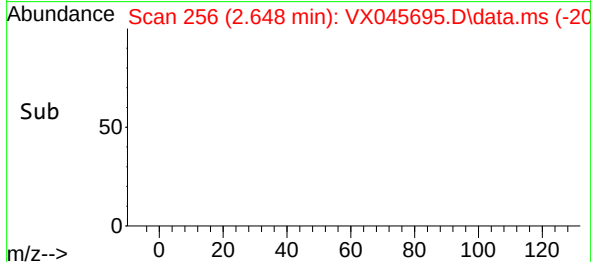
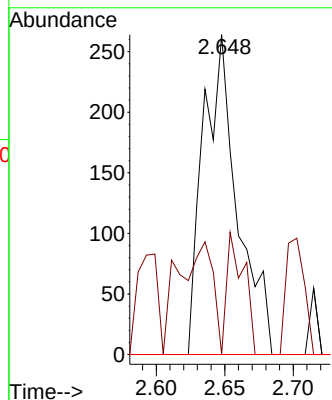
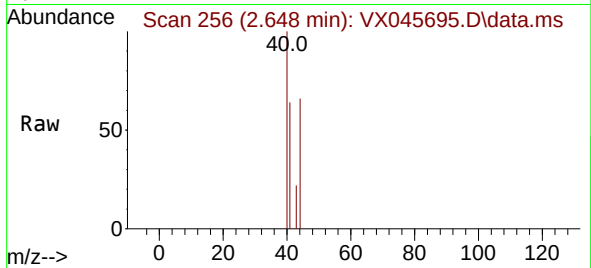




#14
 Allyl chloride
 Concen: 0.274 ug/l
 RT: 2.648 min Scan# 212
 Delta R.T. -0.012 min
 Lab File: VX045695.D
 Acq: 10 Apr 2025 13:50

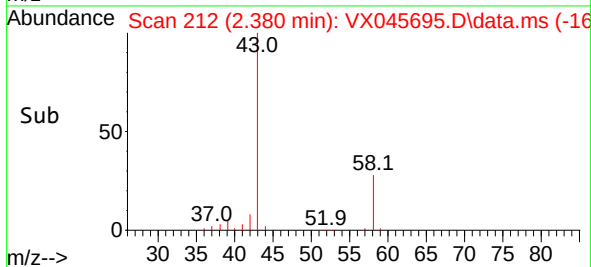
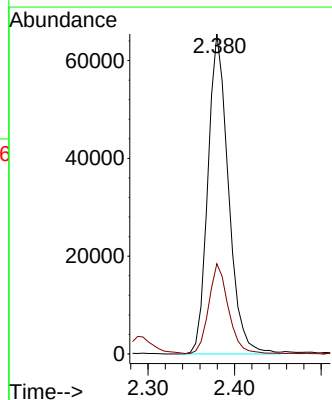
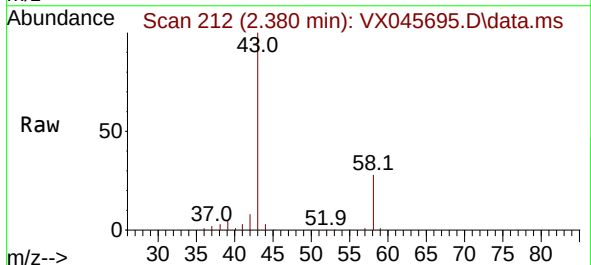
Instrument :
 MSVOA_X
 ClientSampleId :
 PB167534ZHE#01

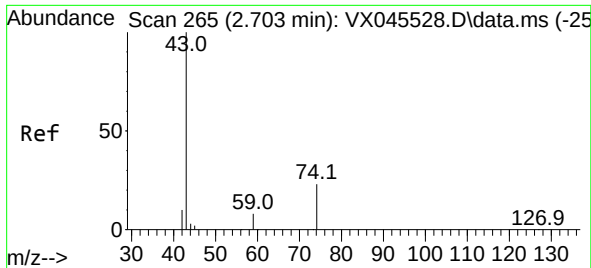
Tgt Ion: 41 Resp: 461
 Ion Ratio Lower Upper
 41 100
 39 35.4 60.2 90.2#
 76 0.0 24.6 36.8#



#16
 Acetone
 Concen: 194.838 ug/l
 RT: 2.380 min Scan# 212
 Delta R.T. -0.006 min
 Lab File: VX045695.D
 Acq: 10 Apr 2025 13:50

Tgt Ion: 43 Resp: 107886
 Ion Ratio Lower Upper
 43 100
 58 28.0 22.3 33.5

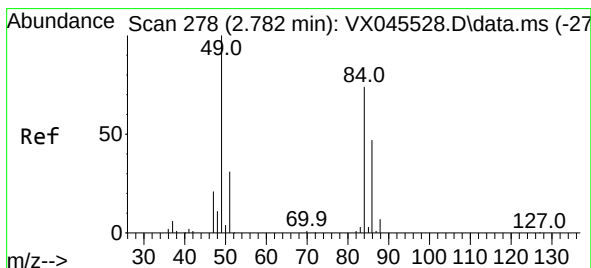
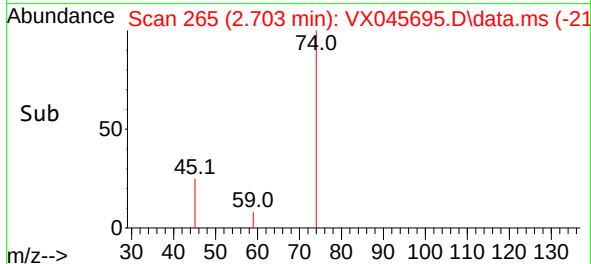
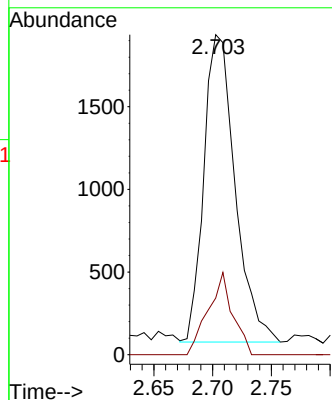
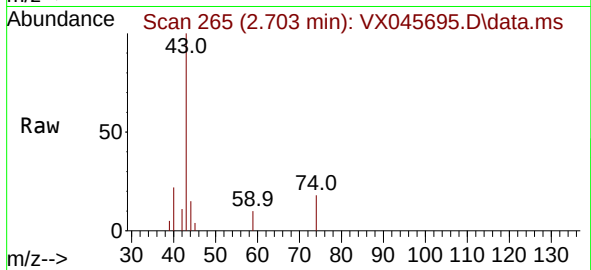




#18
Methyl Acetate
Concen: 2.698 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX045695.D
Acq: 10 Apr 2025 13:50

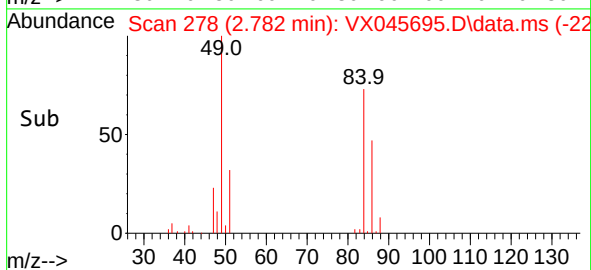
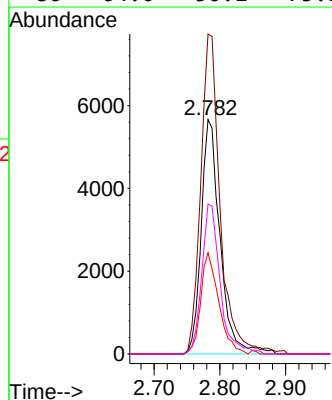
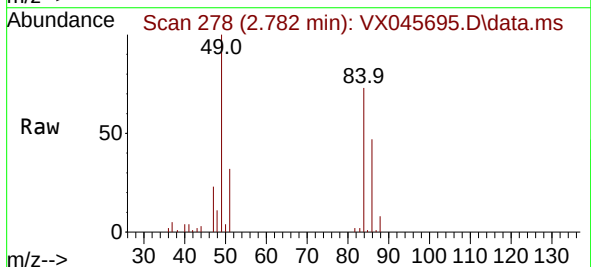
Instrument :
MSVOA_X
ClientSampleId :
PB167534ZHE#01

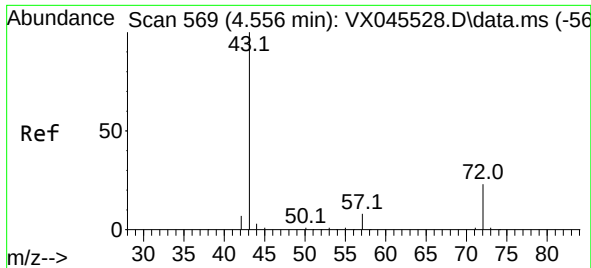
Tgt Ion: 43 Resp: 3439
Ion Ratio Lower Upper
43 100
74 21.0 17.5 26.3



#20
Methylene Chloride
Concen: 10.897 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045695.D
Acq: 10 Apr 2025 13:50

Tgt Ion: 84 Resp: 11296
Ion Ratio Lower Upper
84 100
49 136.5 107.5 161.3
51 43.2 33.0 49.6
86 64.0 50.1 75.1

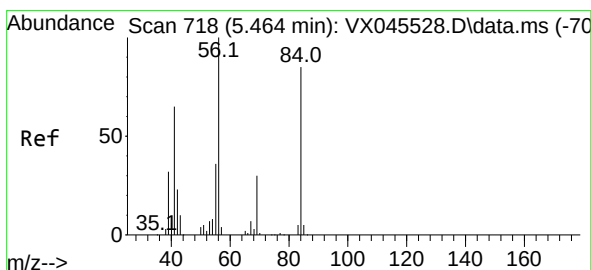
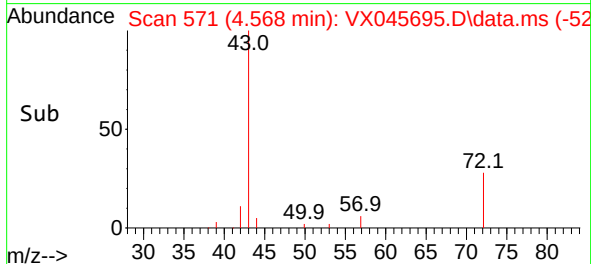
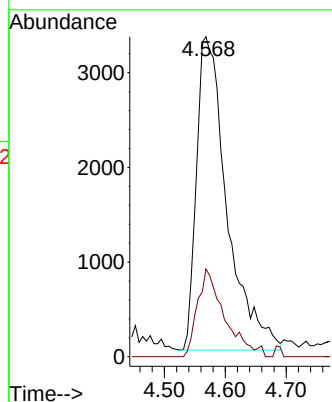
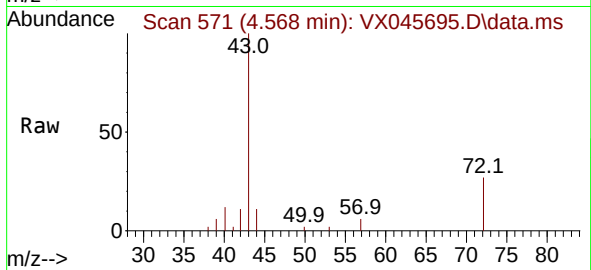




#25
2-Butanone
Concen: 14.183 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX045695.D
Acq: 10 Apr 2025 13:50

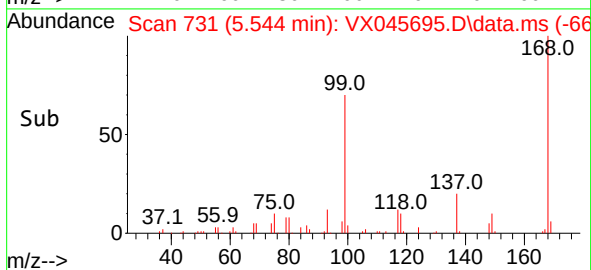
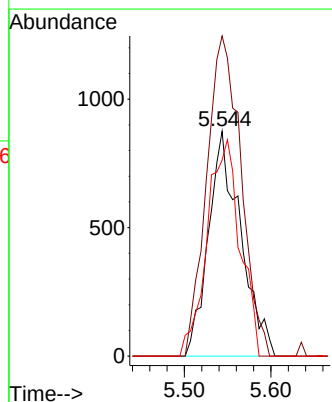
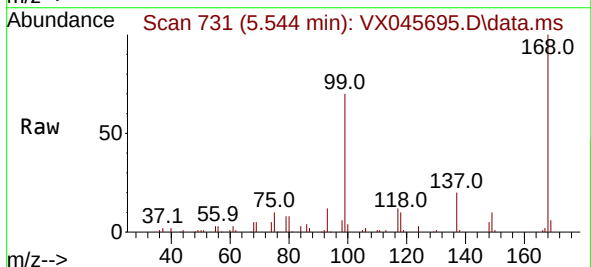
Instrument :
MSVOA_X
ClientSampleId :
PB167534ZHE#01

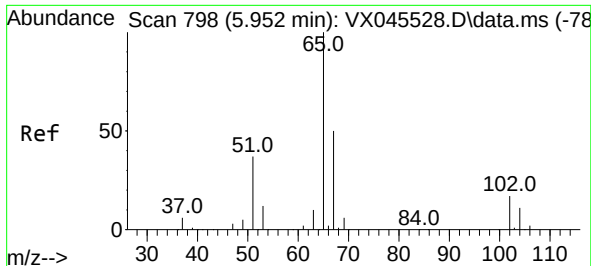
Tgt Ion: 43 Resp: 11496
Ion Ratio Lower Upper
43 100
72 28.0 18.6 28.0#



#31
Cyclohexane
Concen: 1.363 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX045695.D
Acq: 10 Apr 2025 13:50

Tgt Ion: 56 Resp: 2255
Ion Ratio Lower Upper
56 100
69 142.4 23.6 35.4#
84 87.2 67.7 101.5





#33

1,2-Dichloroethane-d4

Concen: 56.089 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045695.D

Acq: 10 Apr 2025 13:50

Instrument :

MSVOA_X

ClientSampleId :

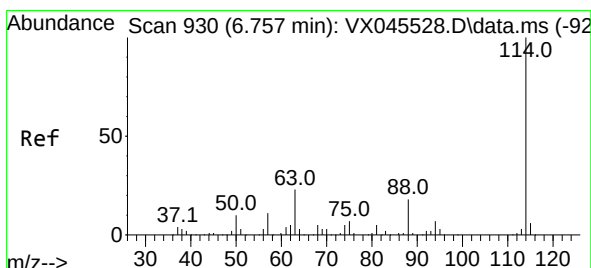
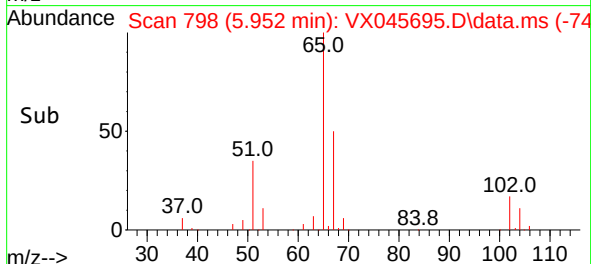
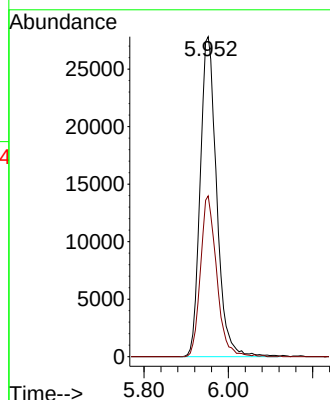
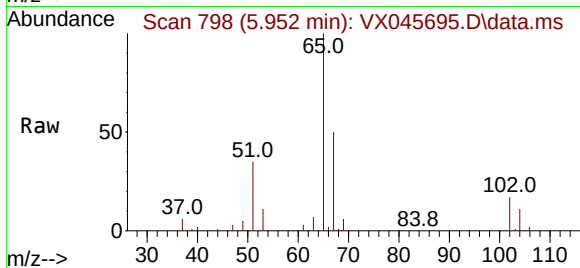
PB167534ZHE#01

Tgt Ion: 65 Resp: 75635

Ion Ratio Lower Upper

65 100

67 49.2 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045695.D

Acq: 10 Apr 2025 13:50

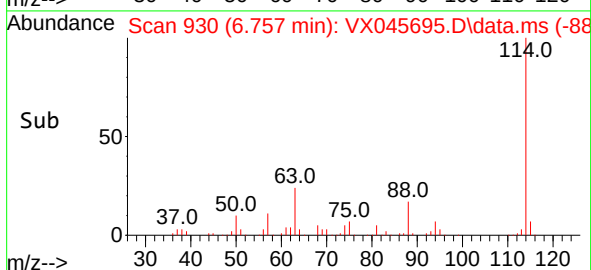
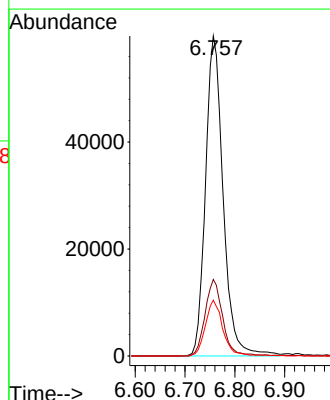
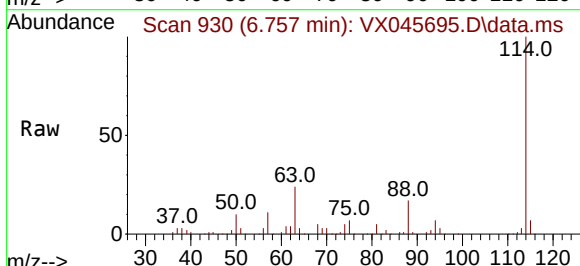
Tgt Ion: 114 Resp: 146866

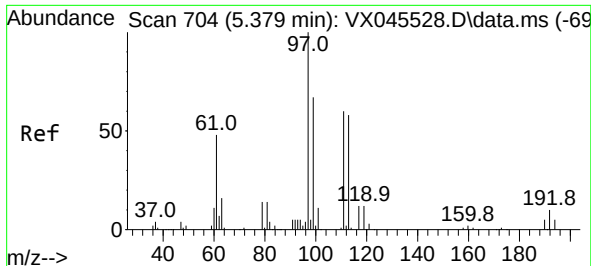
Ion Ratio Lower Upper

114 100

63 23.9 0.0 46.8

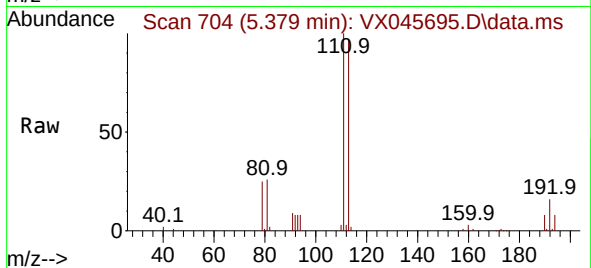
88 17.5 0.0 35.4



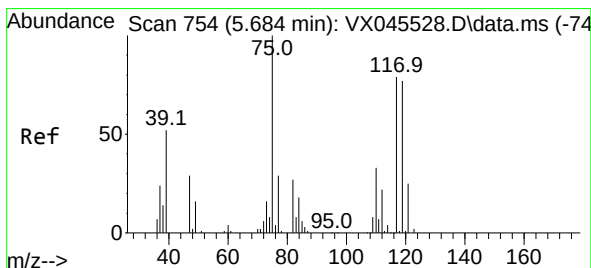
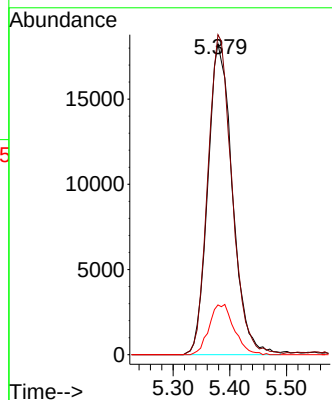
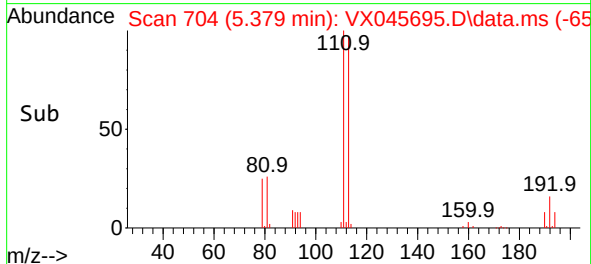


#35
Dibromofluoromethane
Concen: 52.834 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045695.D
Acq: 10 Apr 2025 13:50

Instrument :
MSVOA_X
ClientSampleId :
PB167534ZHE#01

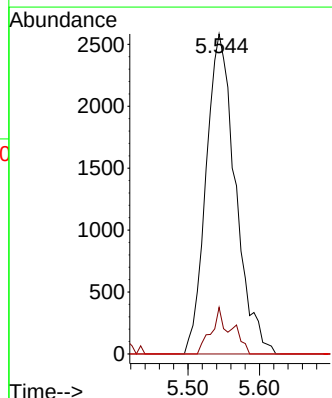
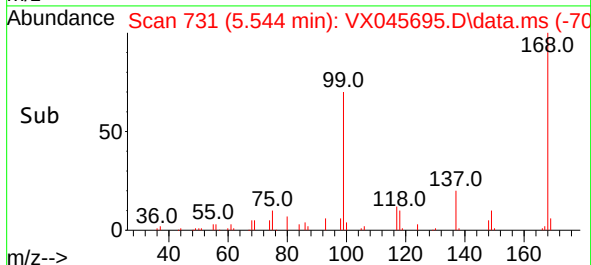
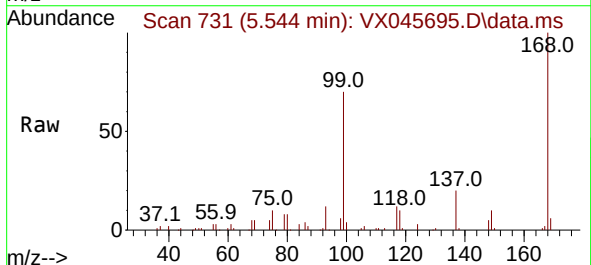


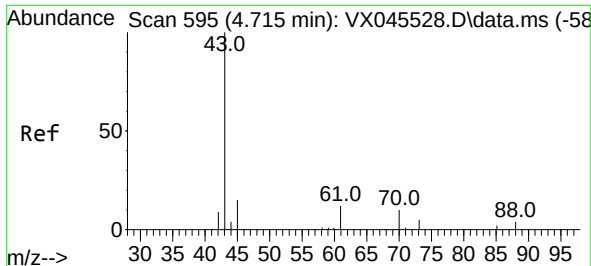
Tgt Ion:113 Resp: 55054
Ion Ratio Lower Upper
113 100
111 100.8 81.8 122.6
192 16.4 13.8 20.6



#36
1,1-Dichloropropene
Concen: 5.238 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX045695.D
Acq: 10 Apr 2025 13:50

Tgt Ion: 75 Resp: 7370
Ion Ratio Lower Upper
75 100
110 6.7 16.9 50.6#
77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 6.484 ug/l

RT: 4.568 min Scan# 51

Delta R.T. -0.146 min

Lab File: VX045695.D

Acq: 10 Apr 2025 13:50

Instrument :

MSVOA_X

ClientSampleId :

PB167534ZHE#01

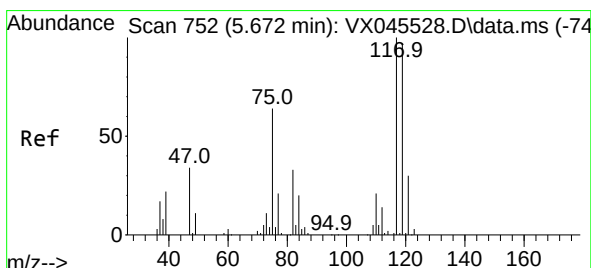
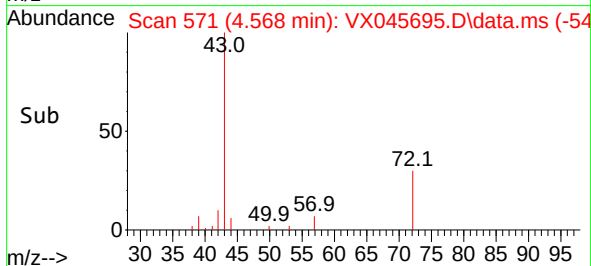
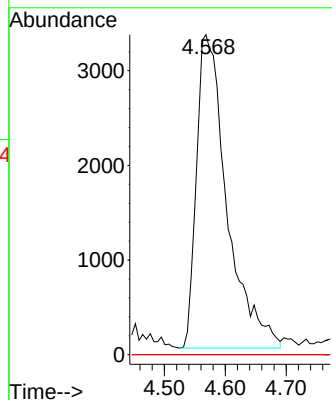
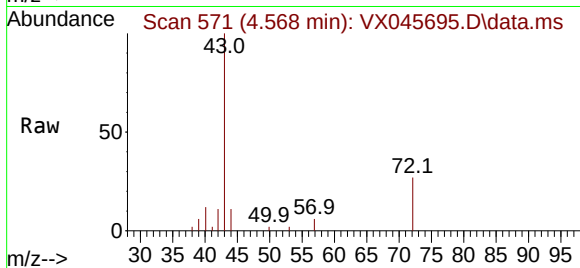
Tgt Ion: 43 Resp: 11496

Ion Ratio Lower Upper

43 100

61 0.0 9.9 14.9#

70 0.0 7.5 11.3#



#38

Carbon Tetrachloride

Concen: 5.829 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.128 min

Lab File: VX045695.D

Acq: 10 Apr 2025 13:50

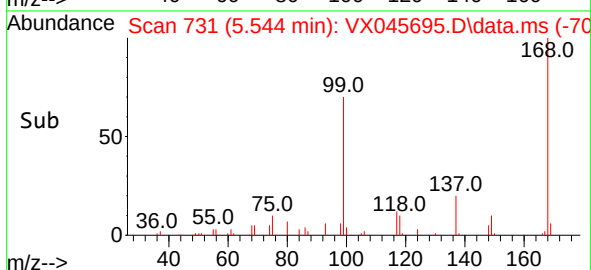
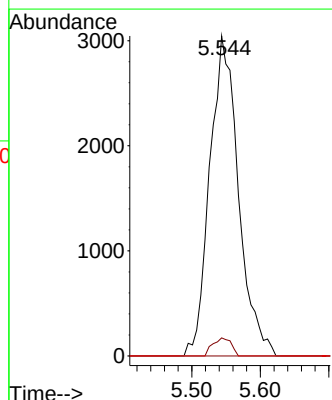
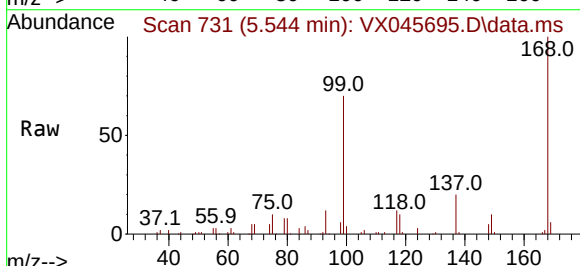
Tgt Ion: 117 Resp: 8863

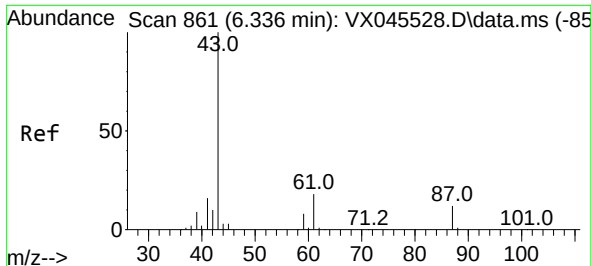
Ion Ratio Lower Upper

117 100

119 5.7 76.9 115.3#

121 0.0 24.2 36.2#

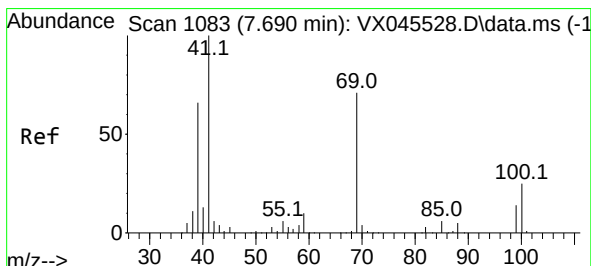
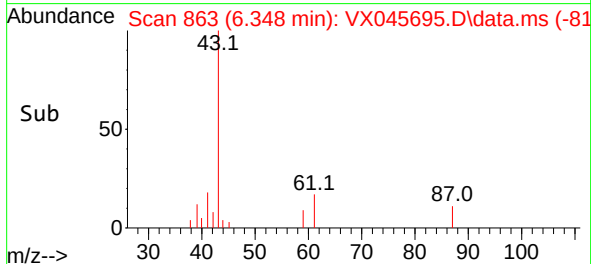
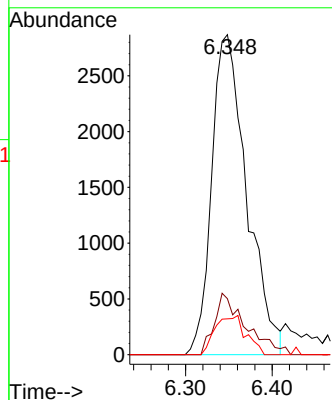
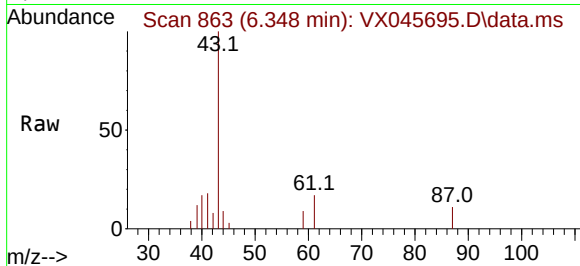




#43
Isopropyl Acetate
Concen: 3.003 ug/l
RT: 6.348 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX045695.D
Acq: 10 Apr 2025 13:50

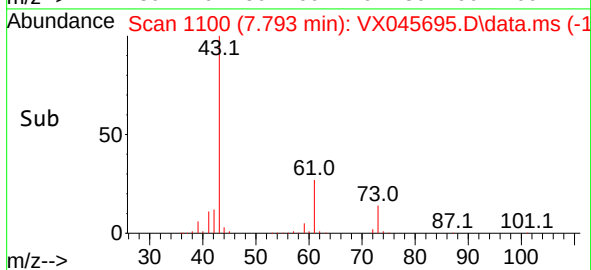
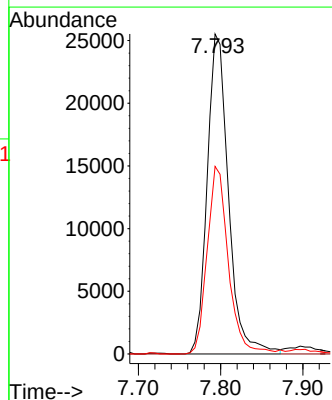
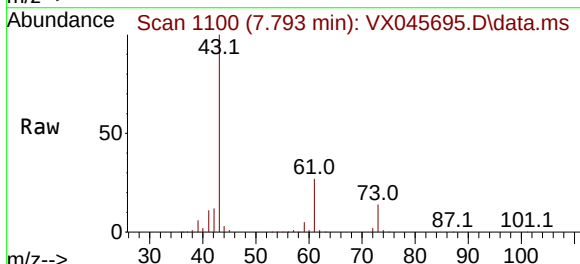
Instrument :
MSVOA_X
ClientSampleId :
PB167534ZHE#01

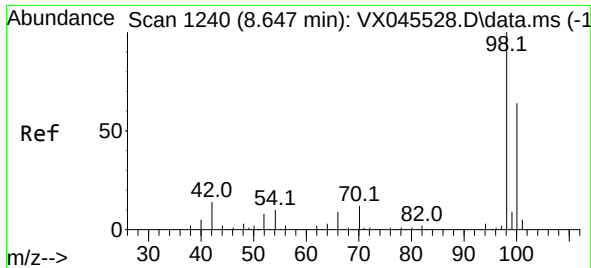
Tgt Ion: 43 Resp: 8071
Ion Ratio Lower Upper
43 100
61 17.2 14.1 21.1
87 10.7 9.2 13.8



#48
Methyl methacrylate
Concen: 33.020 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.104 min
Lab File: VX045695.D
Acq: 10 Apr 2025 13:50

Tgt Ion: 41 Resp: 45814
Ion Ratio Lower Upper
41 100
69 0.0 58.2 87.2#
39 58.4 53.6 80.4

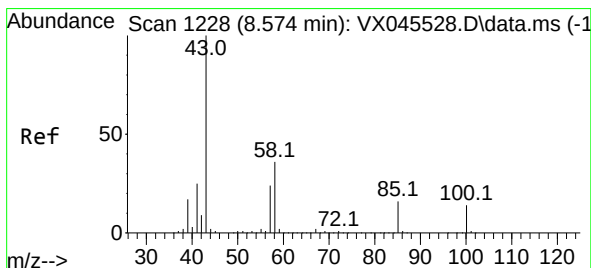
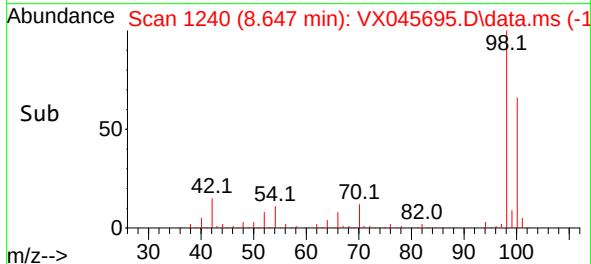
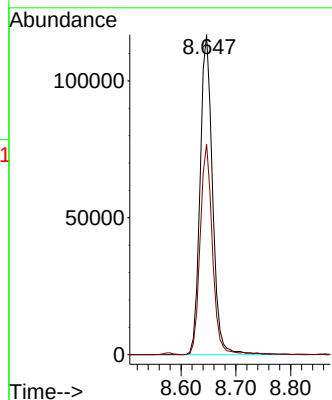
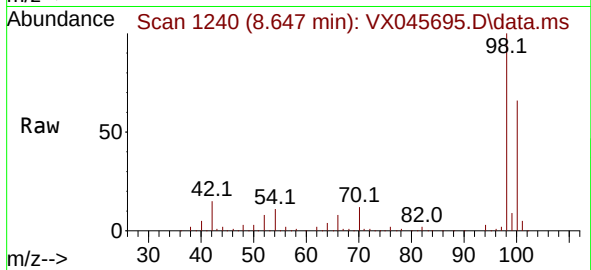




#50
Toluene-d8
Concen: 50.790 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045695.D
Acq: 10 Apr 2025 13:50

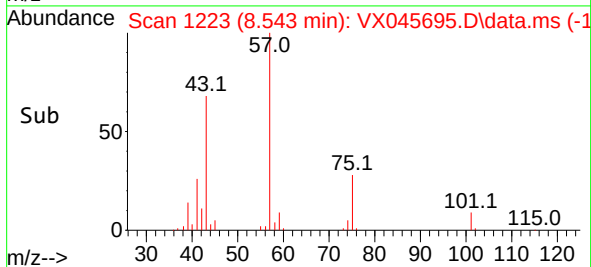
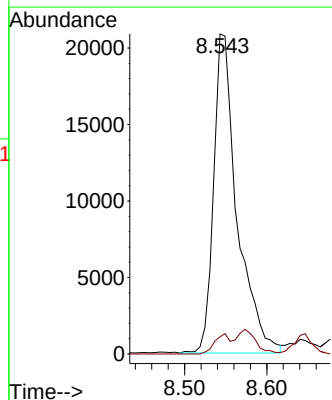
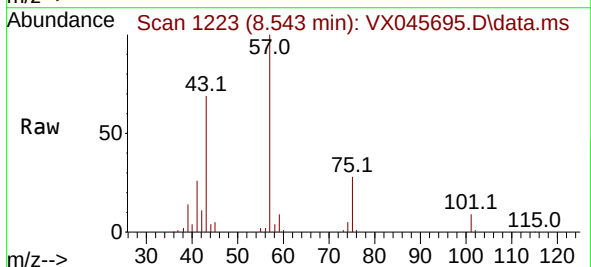
Instrument :
MSVOA_X
ClientSampleId :
PB167534ZHE#01

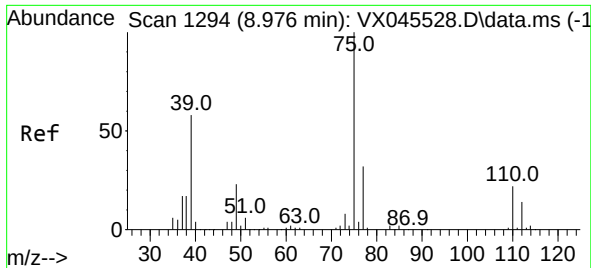
Tgt Ion: 98 Resp: 184726
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 23.206 ug/l
RT: 8.543 min Scan# 1223
Delta R.T. -0.031 min
Lab File: VX045695.D
Acq: 10 Apr 2025 13:50

Tgt Ion: 43 Resp: 41339
Ion Ratio Lower Upper
43 100
58 4.0 28.5 42.7#

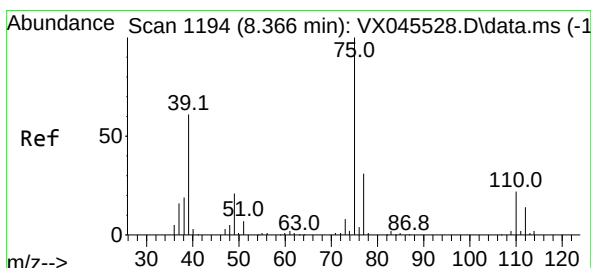
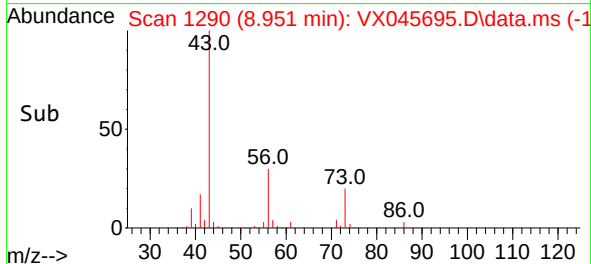
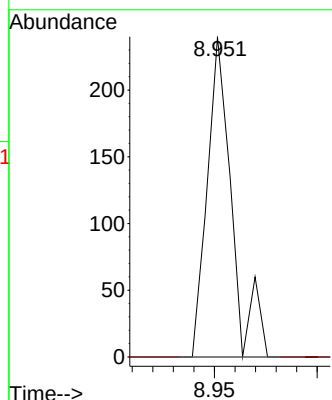
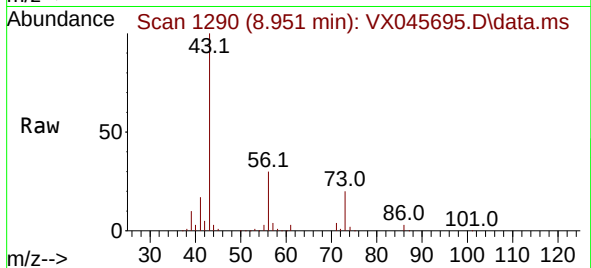




#53
t-1,3-Dichloropropene
Concen: 2.409 ug/l
RT: 8.951 min Scan# 11
Delta R.T. -0.025 min
Lab File: VX045695.D
Acq: 10 Apr 2025 13:50

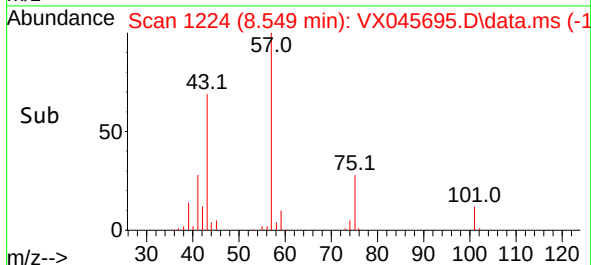
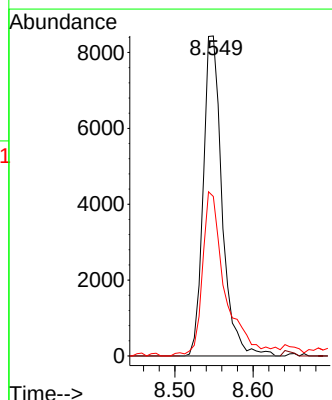
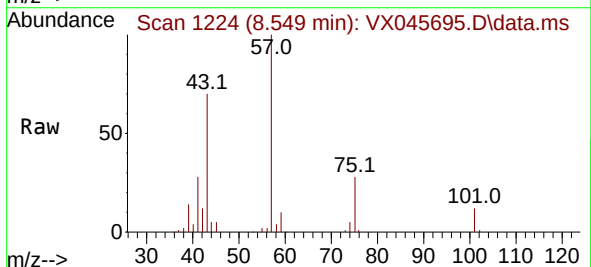
Instrument :
MSVOA_X
ClientSampleId :
PB167534ZHE#01

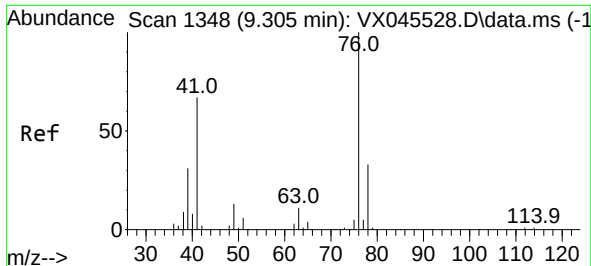
Tgt Ion: 75 Resp: 198
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.0#



#54
cis-1,3-Dichloropropene
Concen: 9.116 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX045695.D
Acq: 10 Apr 2025 13:50

Tgt Ion: 75 Resp: 14080
Ion Ratio Lower Upper
75 100
77 0.0 24.6 36.8#
39 48.9 48.4 72.6





#57

1,3-Dichloropropane

Concen: 0.855 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.177 min

Lab File: VX045695.D

Acq: 10 Apr 2025 13:50

Instrument :

MSVOA_X

ClientSampleId :

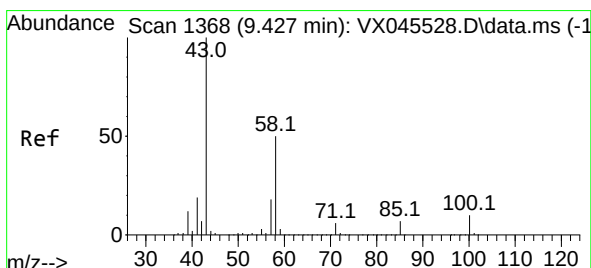
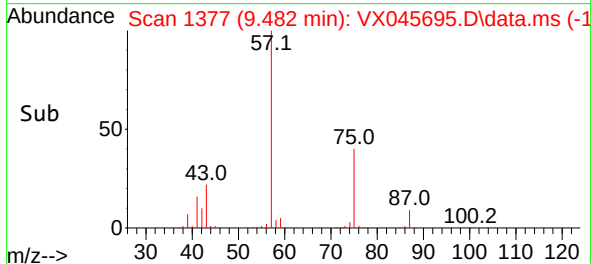
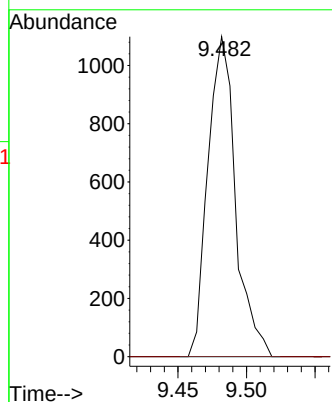
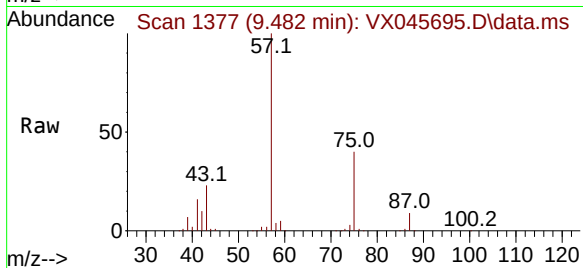
PB167534ZHE#01

Tgt Ion: 76 Resp: 1543

Ion Ratio Lower Upper

76 100

78 0.0 26.0 39.0#



#59

2-Hexanone

Concen: 5.283 ug/l

RT: 9.378 min Scan# 1360

Delta R.T. -0.049 min

Lab File: VX045695.D

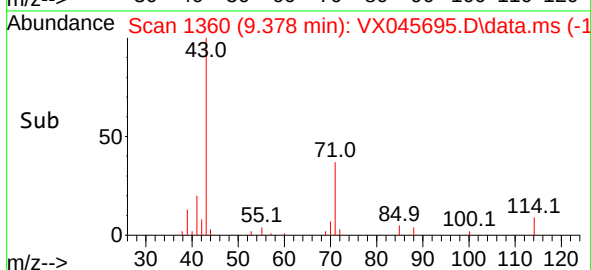
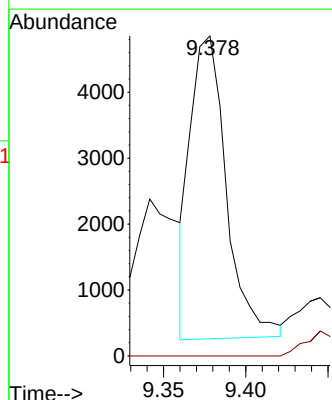
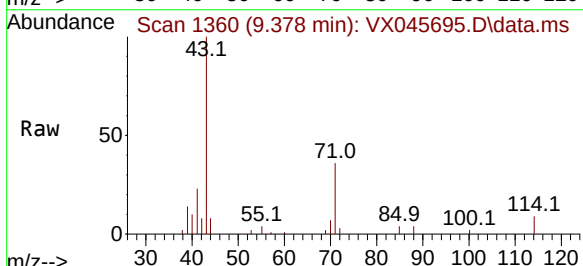
Acq: 10 Apr 2025 13:50

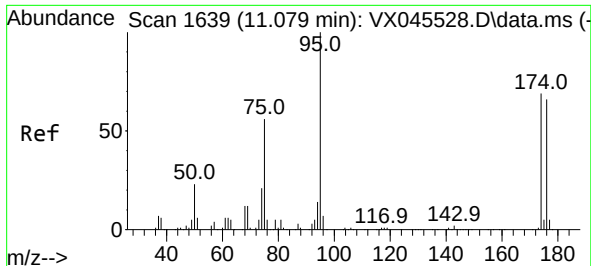
Tgt Ion: 43 Resp: 6969

Ion Ratio Lower Upper

43 100

58 0.0 24.9 74.6#

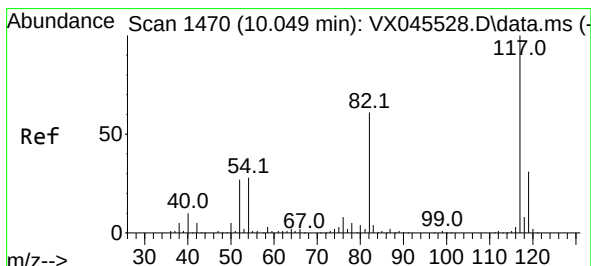
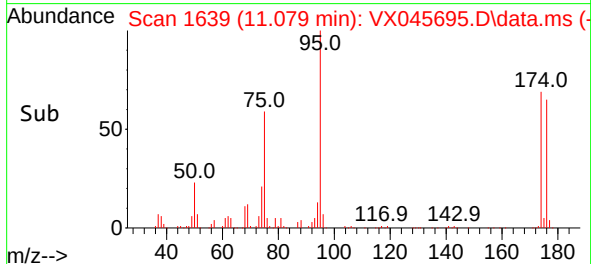
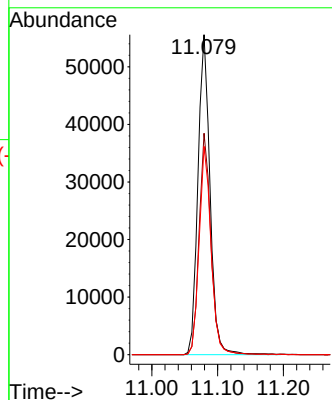
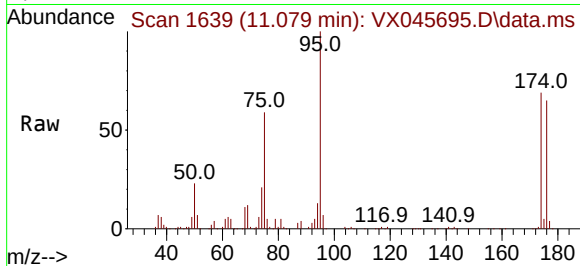




#62
4-Bromofluorobenzene
Concen: 53.186 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045695.D
Acq: 10 Apr 2025 13:50

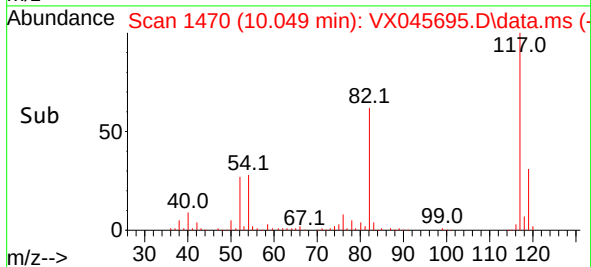
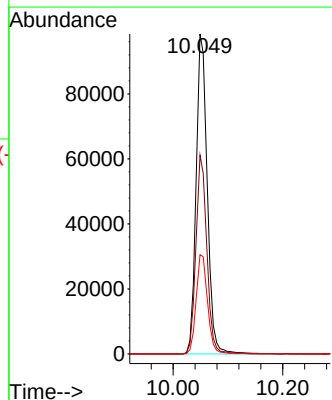
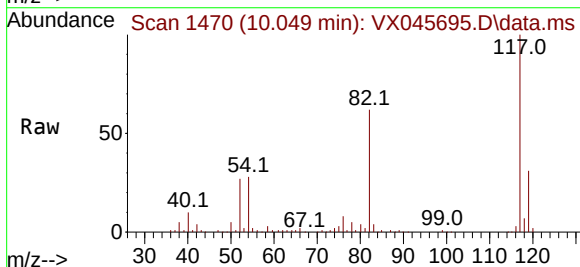
Instrument :
MSVOA_X
ClientSampleId :
PB167534ZHE#01

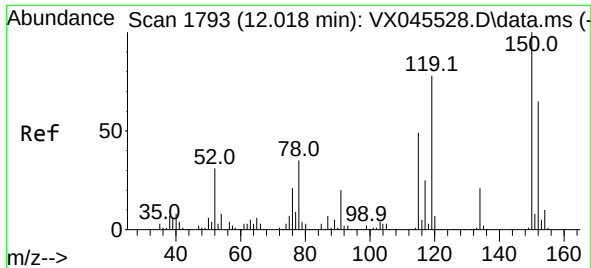
Tgt Ion: 95 Resp: 70461
Ion Ratio Lower Upper
95 100
174 68.1 0.0 135.8
176 64.5 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045695.D
Acq: 10 Apr 2025 13:50

Tgt Ion: 117 Resp: 139642
Ion Ratio Lower Upper
117 100
82 62.1 49.2 73.8
119 31.0 25.1 37.7

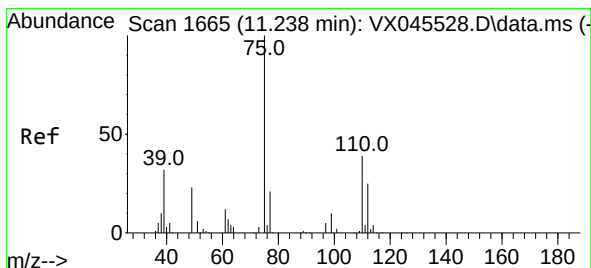
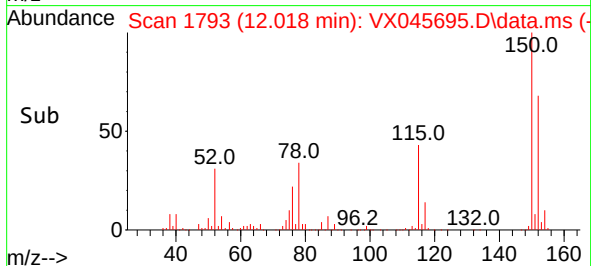
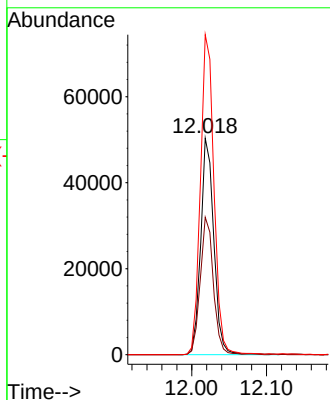
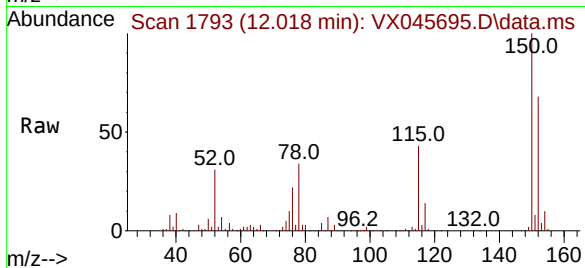




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VX045695.D
 Acq: 10 Apr 2025 13:50

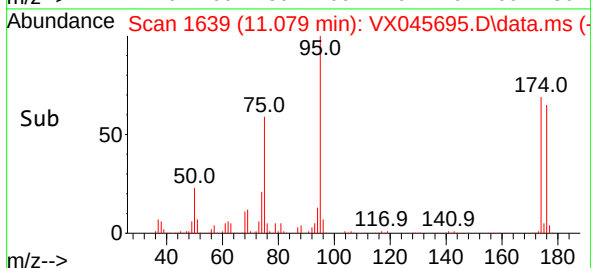
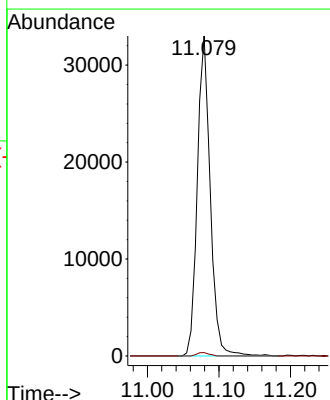
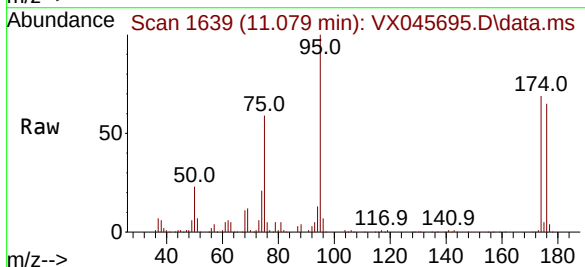
Instrument :
 MSVOA_X
 ClientSampleId :
 PB167534ZHE#01

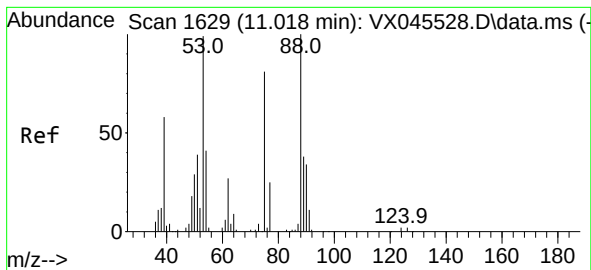
Tgt Ion:152 Resp: 61389
 Ion Ratio Lower Upper
 152 100
 115 63.6 46.9 140.7
 150 152.7 0.0 349.4



#76
 1,2,3-Trichloropropane
 Concen: 27.607 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX045695.D
 Acq: 10 Apr 2025 13:50

Tgt Ion: 75 Resp: 41340
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.0 59.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 93.696 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX045695.D
 Acq: 10 Apr 2025 13:50

Instrument :
 MSVOA_X
 ClientSampleId :
 PB167534ZHE#01

Tgt Ion: 75 Resp: 41340
 Ion Ratio Lower Upper
 75 100
 53 0.0 101.8 152.6#
 89 0.0 37.2 55.8#

