

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040425\
 Data File : VX045607.D
 Acq On : 04 Apr 2025 18:15
 Operator : JC/MD
 Sample : Q1694-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-18

Quant Time: Apr 04 23:14:09 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

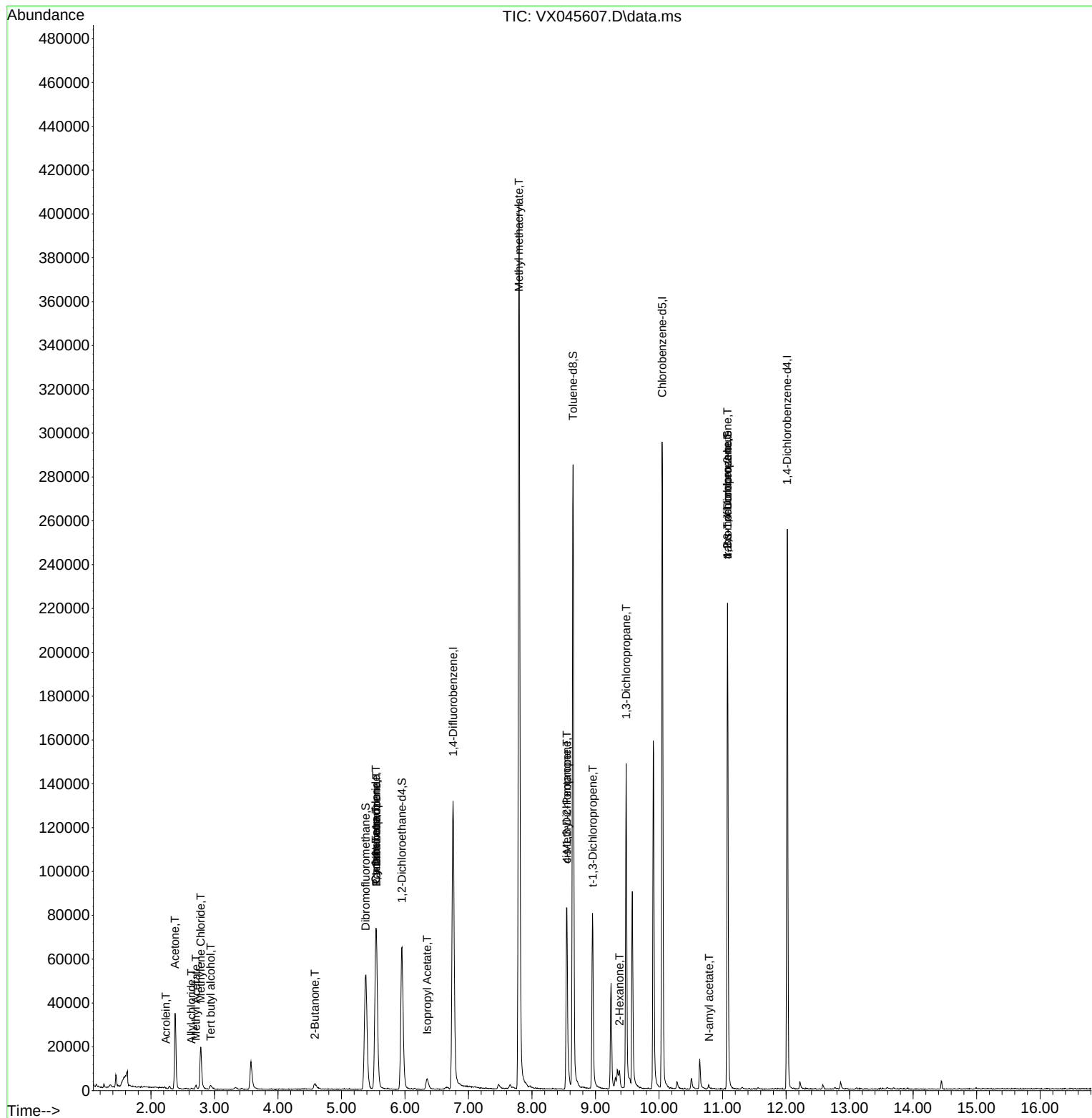
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	63724	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	124983	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	117651	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	46504	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64231	55.118	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	110.240%	
35) Dibromofluoromethane	5.379	113	45598	51.421	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	102.840%	
50) Toluene-d8	8.647	98	162751	52.583	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	105.160%	
62) 4-Bromofluorobenzene	11.079	95	56840	50.417	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	100.840%	
Target Compounds						Qvalue
11) Tert butyl alcohol	2.941	59	1449	9.252	ug/l #	72
13) Acrolein	2.233	56	60	0.278	ug/l #	55
14) Allyl chloride	2.636	41	465	0.320	ug/l #	49
16) Acetone	2.380	43	37636	78.650	ug/l	97
18) Methyl Acetate	2.709	43	2313	2.099	ug/l	92
20) Methylene Chloride	2.782	84	9017	10.065	ug/l	93
25) 2-Butanone	4.580	43	5931	8.467	ug/l	96
31) Cyclohexane	5.544	56	2045	1.431	ug/l #	50
36) 1,1-Dichloropropene	5.550	75	6314	5.274	ug/l #	50
38) Carbon Tetrachloride	5.544	117	7345	5.676	ug/l #	16
43) Isopropyl Acetate	6.348	43	7268	3.178	ug/l	97
48) Methyl methacrylate	7.793	41	40260	34.097	ug/l #	50
51) 4-Methyl-2-Pentanone	8.549	43	34997	23.085	ug/l #	48
53) t-1,3-Dichloropropene	8.958	75	87	2.351	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	12279	9.342	ug/l #	69
57) 1,3-Dichloropropane	9.482	76	1129	0.735	ug/l #	42
59) 2-Hexanone	9.378	43	5626	5.011	ug/l #	28
74) N-amyl acetate	10.787	43	1552	0.871	ug/l #	48
76) 1,2,3-Trichloropropane	11.079	75	33904	29.889	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	33904	101.439	ug/l #	1

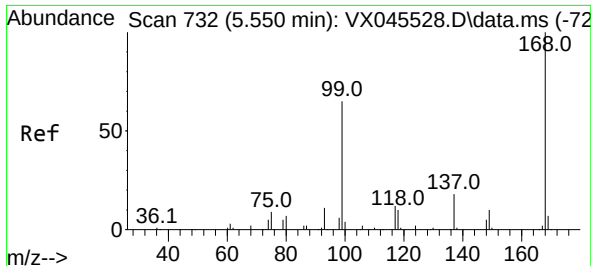
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040425\
Data File : VX045607.D
Acq On : 04 Apr 2025 18:15
Operator : JC/MD
Sample : Q1694-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TP-18

Quant Time: Apr 04 23:14:09 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

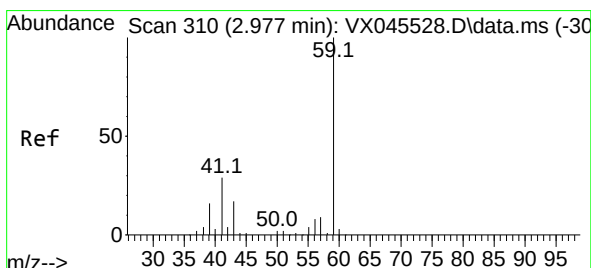
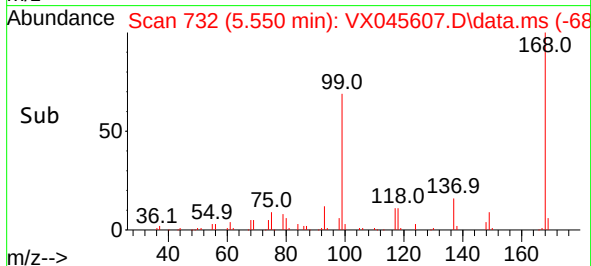
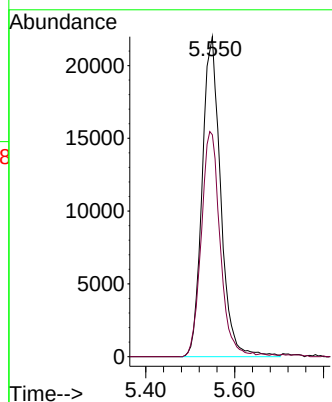
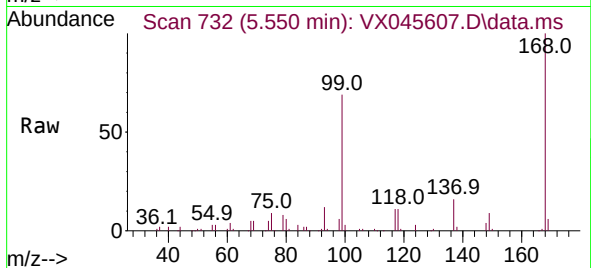




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045607.D
Acq: 04 Apr 2025 18:15

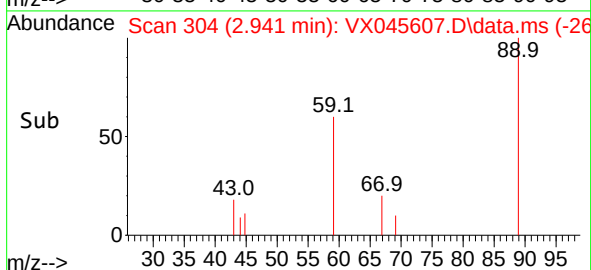
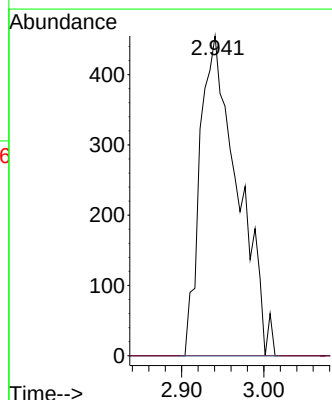
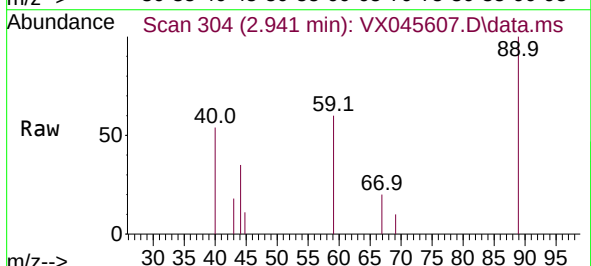
Instrument :
MSVOA_X
ClientSampleId :
TP-18

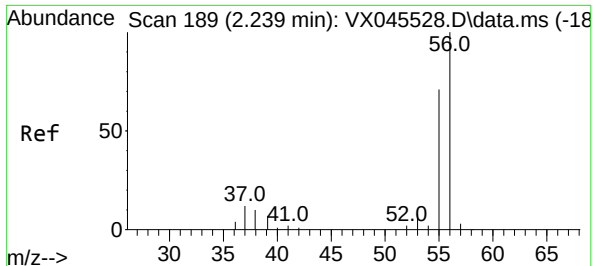
Tgt Ion:168 Resp: 63724
Ion Ratio Lower Upper
168 100
99 69.4 52.3 78.5



#11
Tert butyl alcohol
Concen: 9.252 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.037 min
Lab File: VX045607.D
Acq: 04 Apr 2025 18:15

Tgt Ion: 59 Resp: 1449
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#





#13

Acrolein

Concen: 0.278 ug/l

RT: 2.233 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX045607.D

Acq: 04 Apr 2025 18:15

Instrument :

MSVOA_X

ClientSampleId :

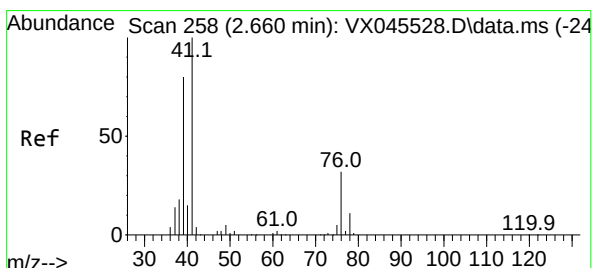
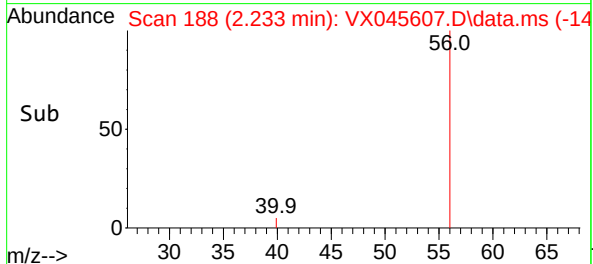
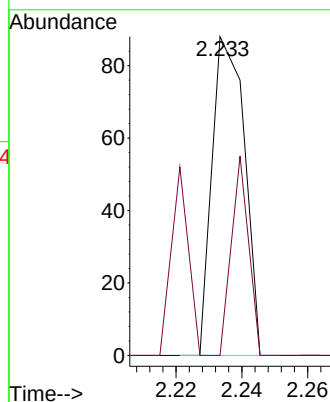
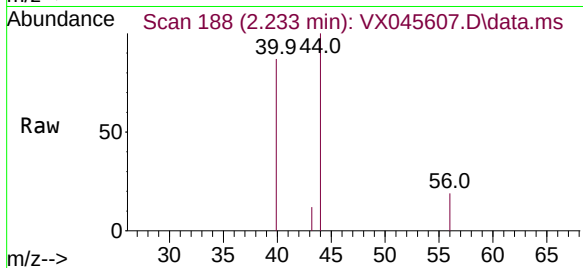
TP-18

Tgt Ion: 56 Resp: 60

Ion Ratio Lower Upper

56 100

55 33.3 56.2 84.2#



#14

Allyl chloride

Concen: 0.320 ug/l

RT: 2.636 min Scan# 254

Delta R.T. -0.024 min

Lab File: VX045607.D

Acq: 04 Apr 2025 18:15

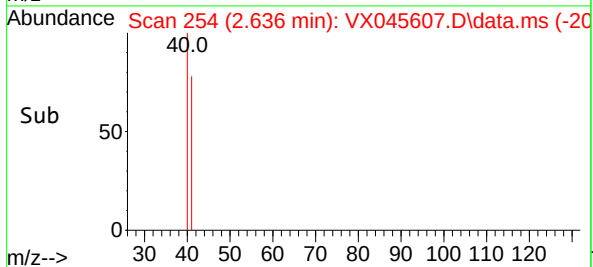
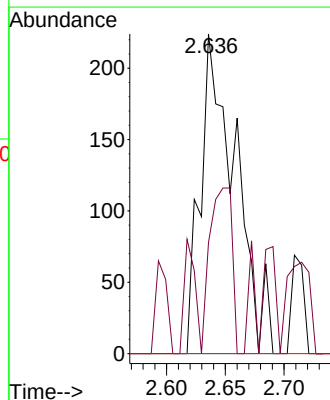
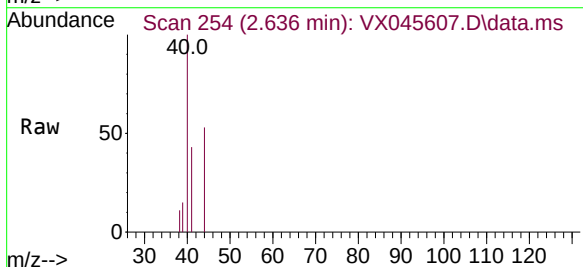
Tgt Ion: 41 Resp: 465

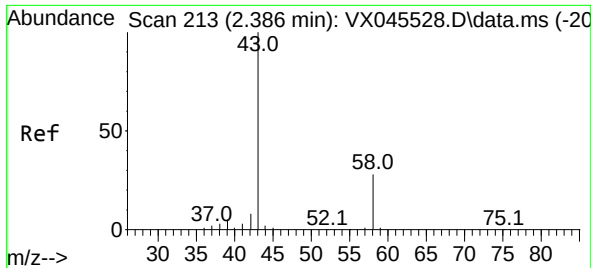
Ion Ratio Lower Upper

41 100

39 32.9 60.2 90.2#

76 0.0 24.6 36.8#

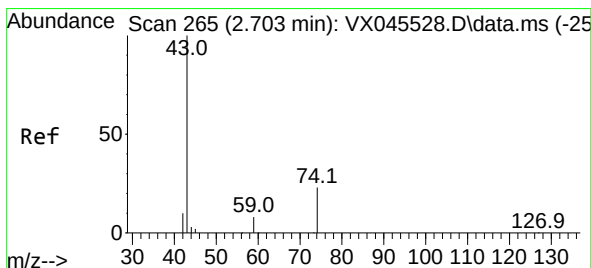
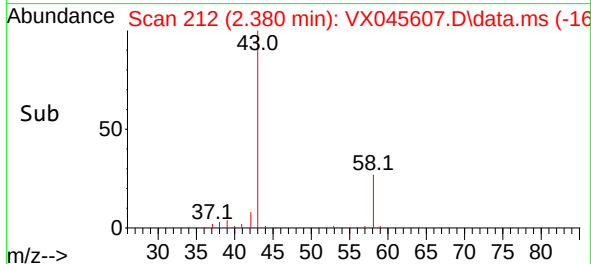
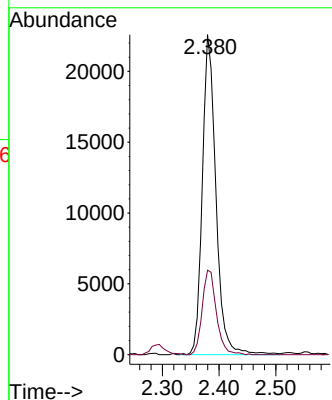
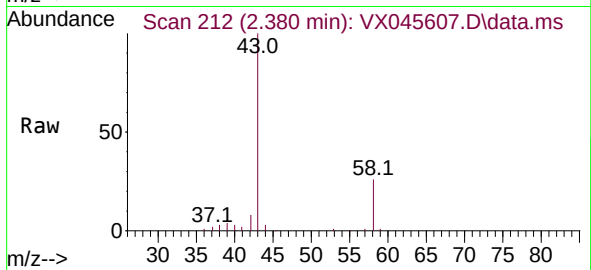




#16
Acetone
Concen: 78.650 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX045607.D
Acq: 04 Apr 2025 18:15

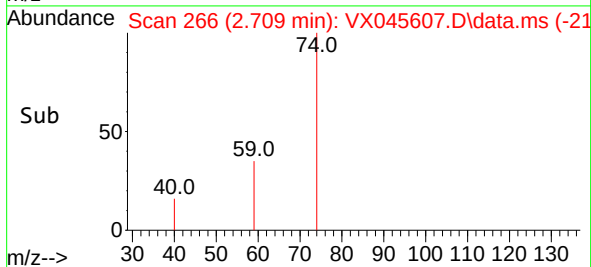
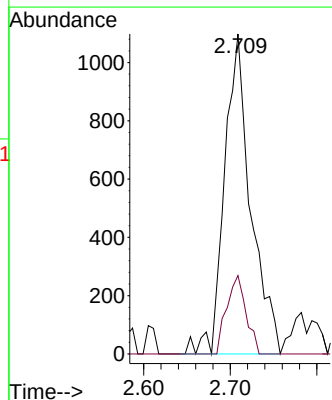
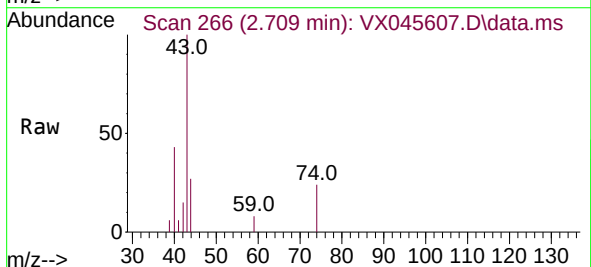
Instrument :
MSVOA_X
ClientSampleId :
TP-18

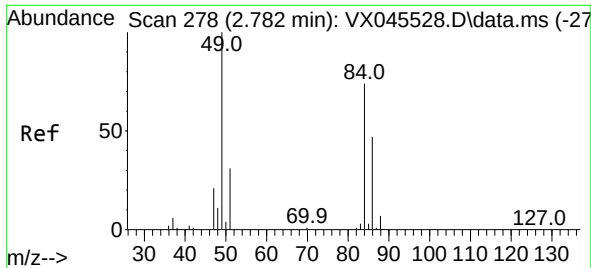
Tgt Ion: 43 Resp: 37636
Ion Ratio Lower Upper
43 100
58 26.4 22.3 33.5



#18
Methyl Acetate
Concen: 2.099 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX045607.D
Acq: 04 Apr 2025 18:15

Tgt Ion: 43 Resp: 2313
Ion Ratio Lower Upper
43 100
74 18.0 17.5 26.3

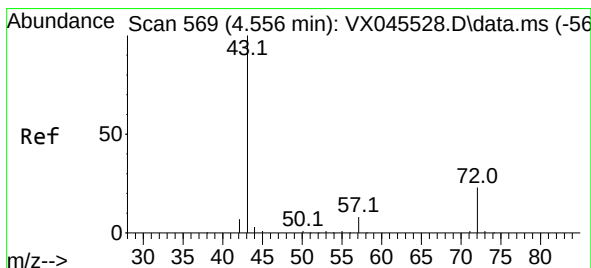
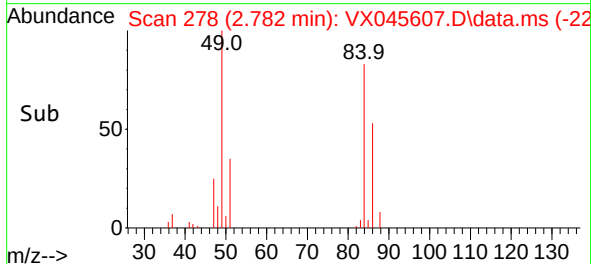
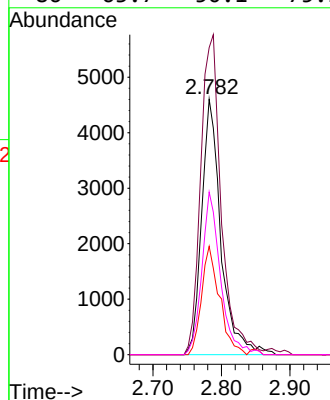
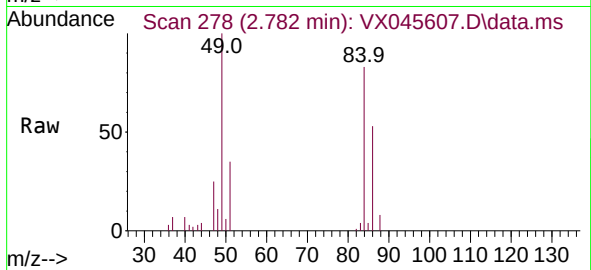




#20
Methylene Chloride
Concen: 10.065 ug/l
RT: 2.782 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX045607.D
Acq: 04 Apr 2025 18:15

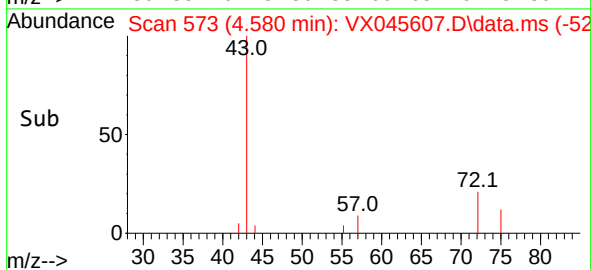
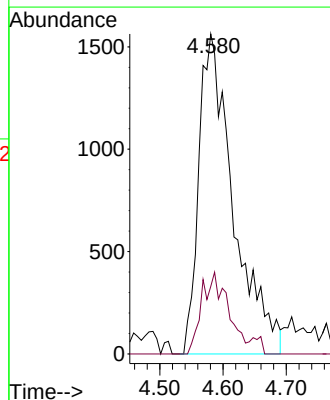
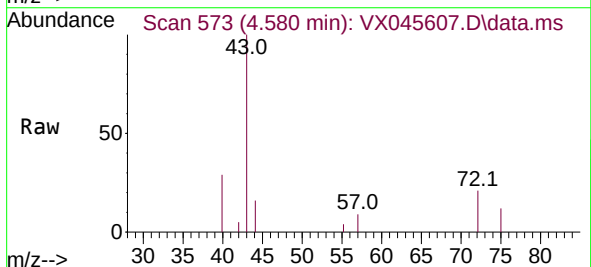
Instrument :
MSVOA_X
ClientSampleId :
TP-18

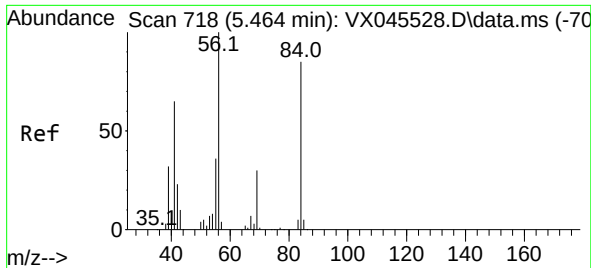
Tgt Ion:	84	Resp:	9017
Ion	Ratio	Lower	Upper
84	100		
49	120.1	107.5	161.3
51	42.4	33.0	49.6
86	63.7	50.1	75.1



#25
2-Butanone
Concen: 8.467 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.024 min
Lab File: VX045607.D
Acq: 04 Apr 2025 18:15

Tgt Ion:	43	Resp:	5931
Ion	Ratio	Lower	Upper
43	100		
72	21.1	18.6	28.0

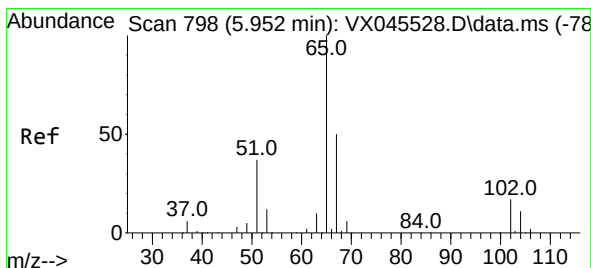
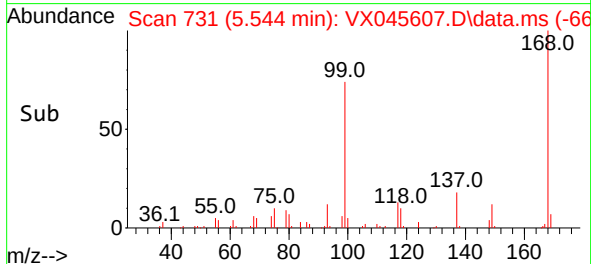
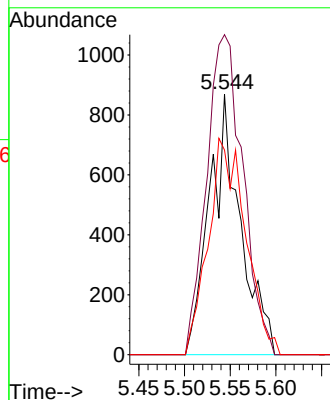
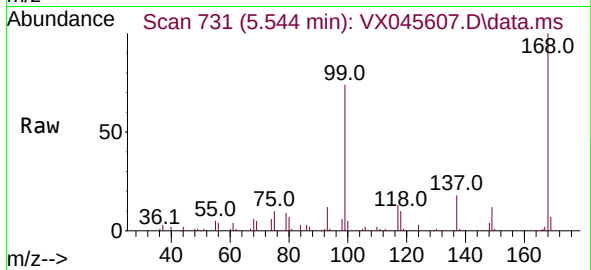




#31
Cyclohexane
Concen: 1.431 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX045607.D
Acq: 04 Apr 2025 18:15

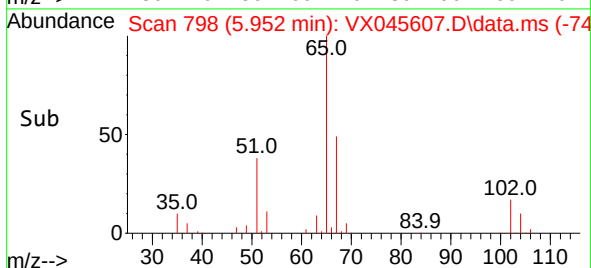
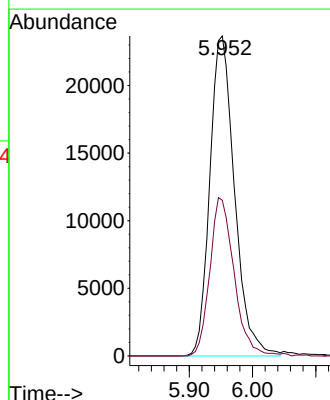
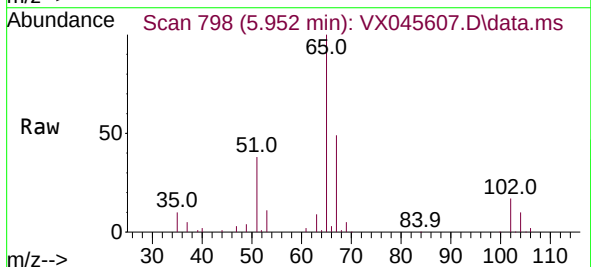
Instrument :
MSVOA_X
ClientSampleId :
TP-18

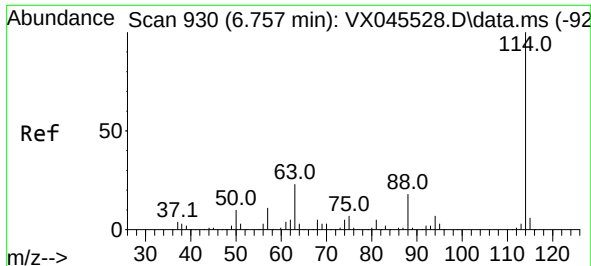
Tgt Ion: 56 Resp: 2045
Ion Ratio Lower Upper
56 100
69 122.8 23.6 35.4#
84 78.5 67.7 101.5



#33
1,2-Dichloroethane-d4
Concen: 55.118 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045607.D
Acq: 04 Apr 2025 18:15

Tgt Ion: 65 Resp: 64231
Ion Ratio Lower Upper
65 100
67 48.6 0.0 99.0

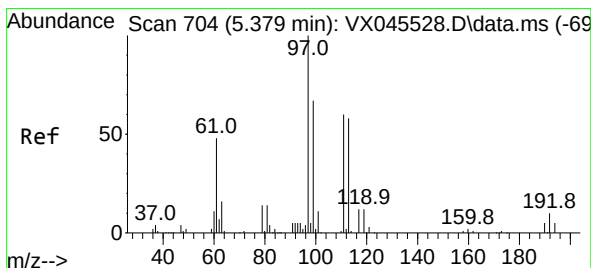
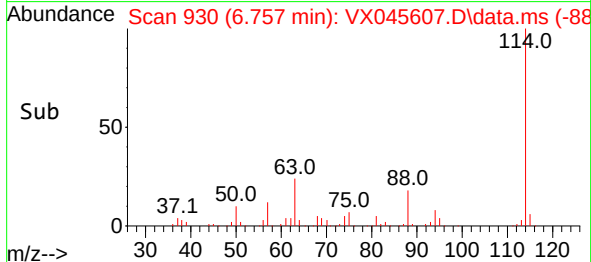
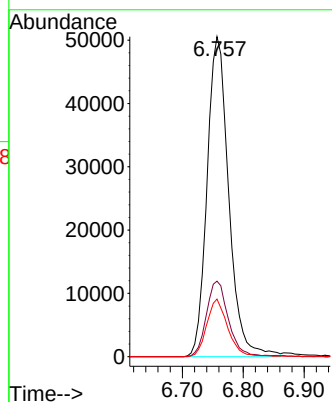
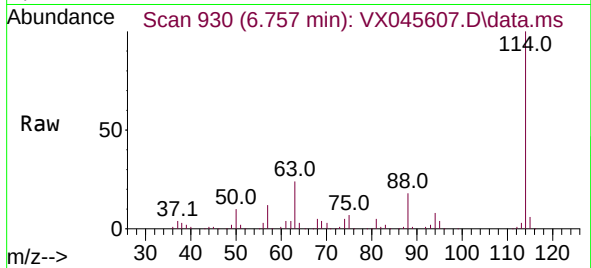




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX045607.D
Acq: 04 Apr 2025 18:15

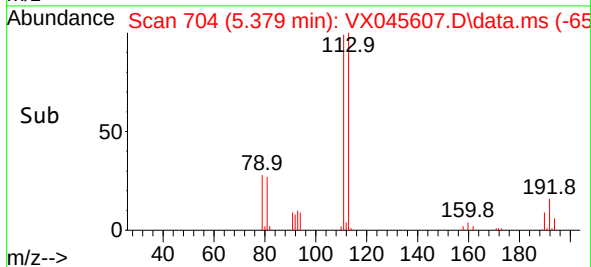
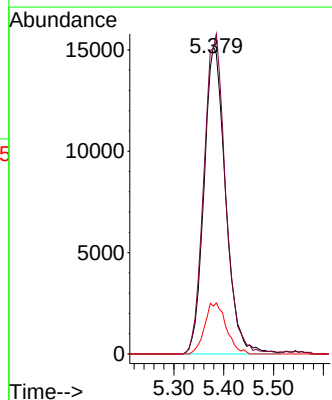
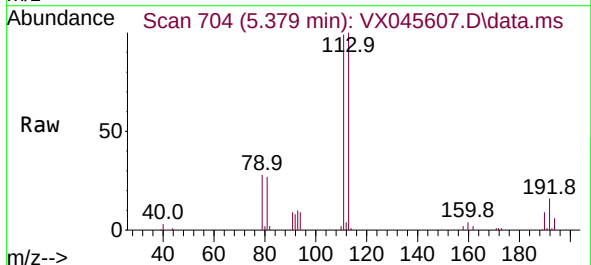
Instrument :
MSVOA_X
ClientSampleId :
TP-18

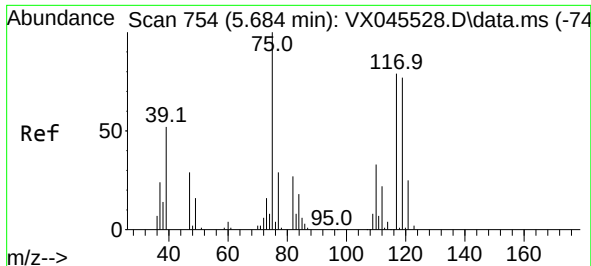
Tgt Ion:114 Resp: 124983
Ion Ratio Lower Upper
114 100
63 23.6 0.0 46.8
88 18.0 0.0 35.4



#35
Dibromofluoromethane
Concen: 51.421 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045607.D
Acq: 04 Apr 2025 18:15

Tgt Ion:113 Resp: 45598
Ion Ratio Lower Upper
113 100
111 104.4 81.8 122.6
192 16.5 13.8 20.6

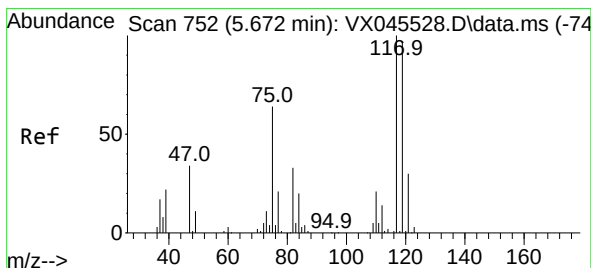
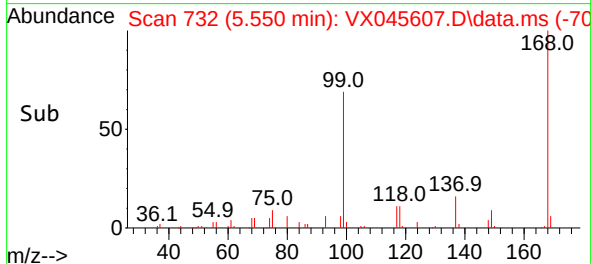
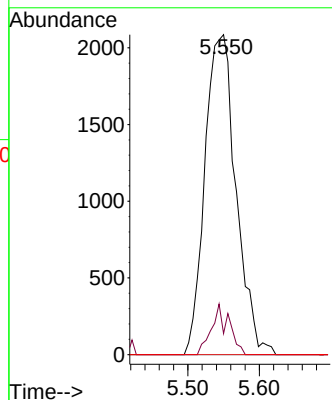
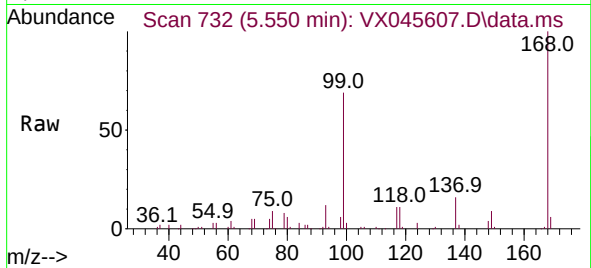




#36
1,1-Dichloropropene
Concen: 5.274 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX045607.D
Acq: 04 Apr 2025 18:15

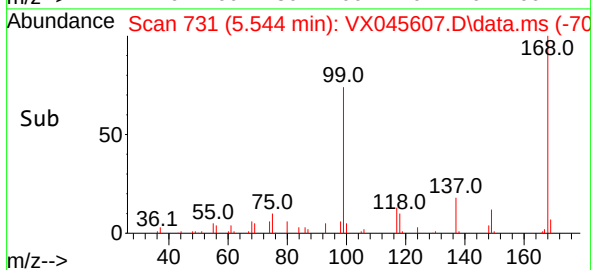
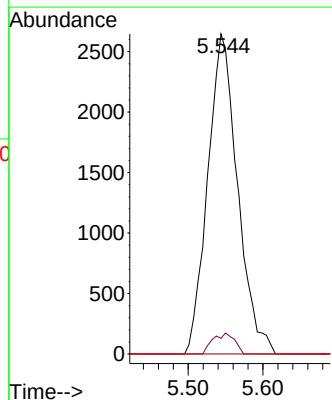
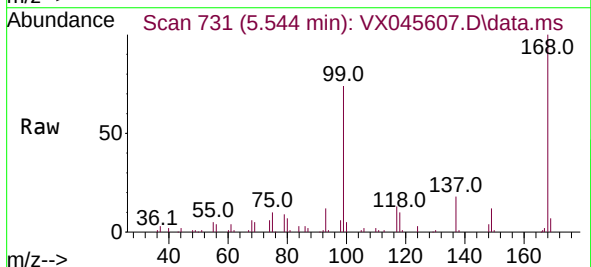
Instrument :
MSVOA_X
ClientSampleId :
TP-18

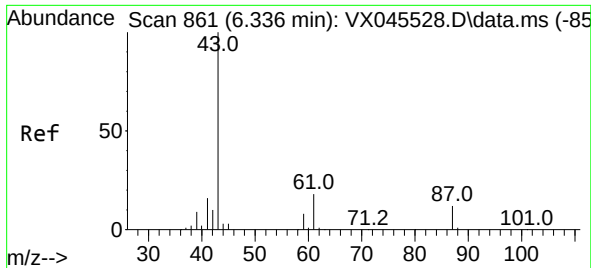
Tgt Ion: 75 Resp: 6314
Ion Ratio Lower Upper
75 100
110 8.9 16.9 50.6#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.676 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX045607.D
Acq: 04 Apr 2025 18:15

Tgt Ion: 117 Resp: 7345
Ion Ratio Lower Upper
117 100
119 4.9 76.9 115.3#
121 0.0 24.2 36.2#

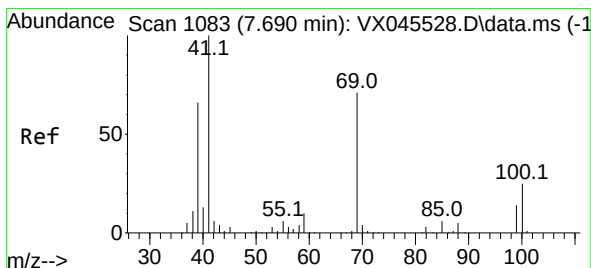
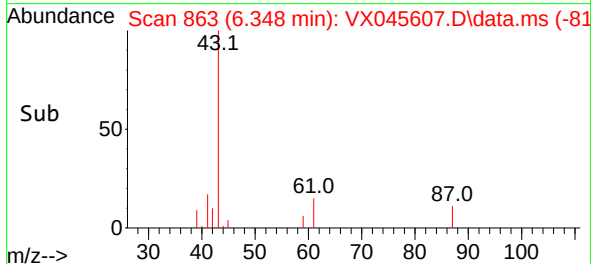
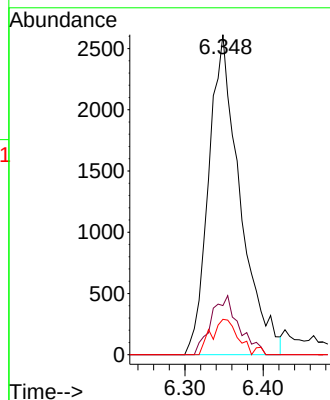
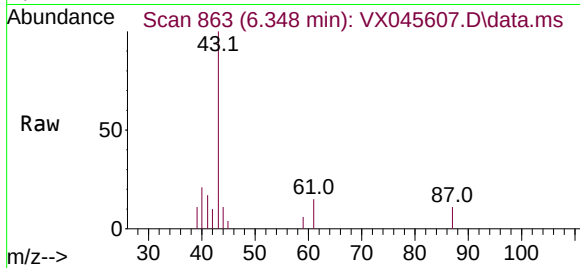




#43
Isopropyl Acetate
Concen: 3.178 ug/l
RT: 6.348 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX045607.D
Acq: 04 Apr 2025 18:15

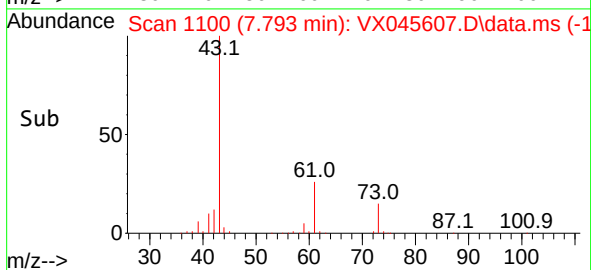
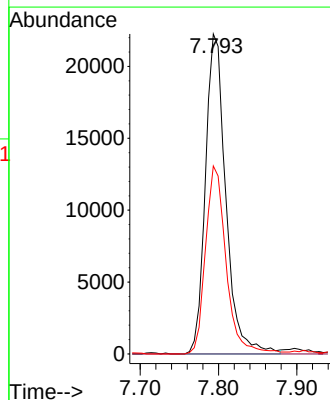
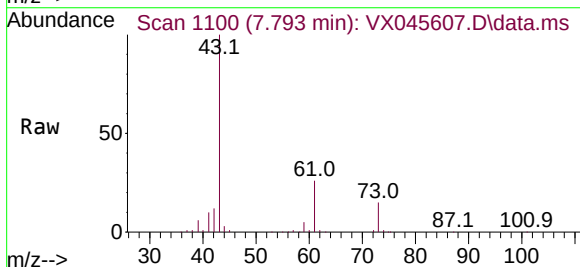
Instrument :
MSVOA_X
ClientSampleId :
TP-18

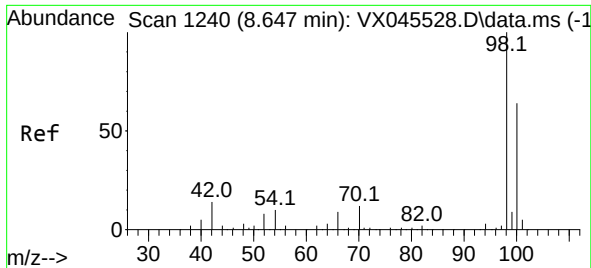
Tgt Ion: 43 Resp: 7268
Ion Ratio Lower Upper
43 100
61 16.5 14.1 21.1
87 9.7 9.2 13.8



#48
Methyl methacrylate
Concen: 34.097 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.104 min
Lab File: VX045607.D
Acq: 04 Apr 2025 18:15

Tgt Ion: 41 Resp: 40260
Ion Ratio Lower Upper
41 100
69 0.0 58.2 87.2#
39 59.4 53.6 80.4

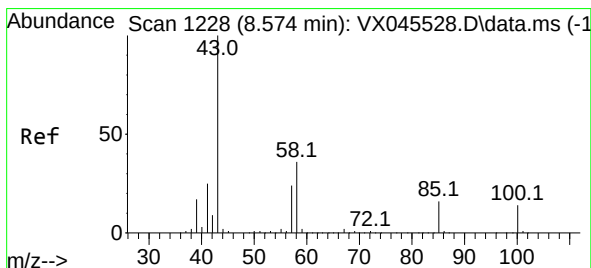
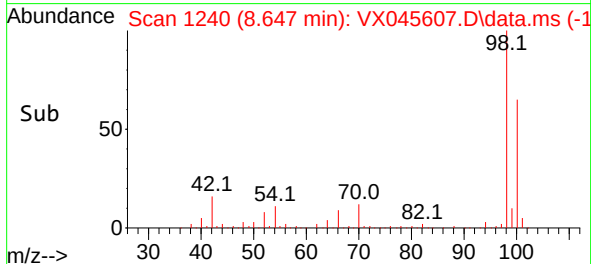
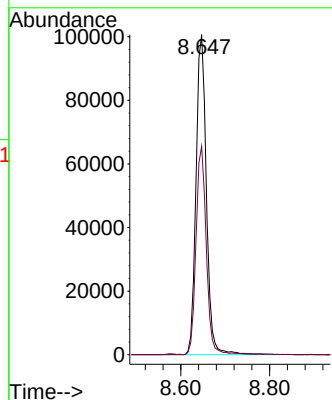
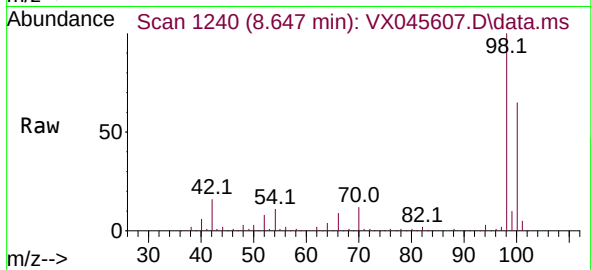




#50
Toluene-d8
Concen: 52.583 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045607.D
Acq: 04 Apr 2025 18:15

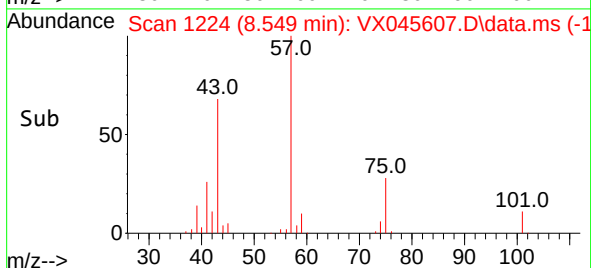
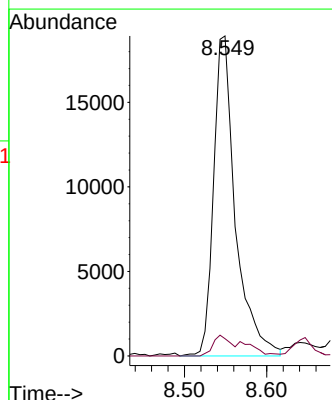
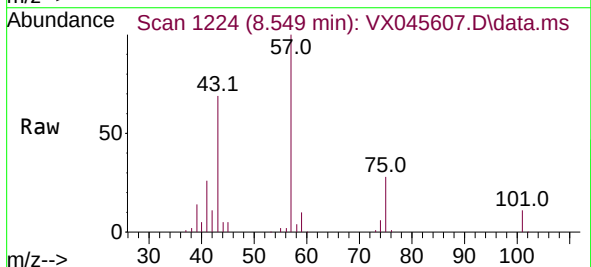
Instrument :
MSVOA_X
ClientSampleId :
TP-18

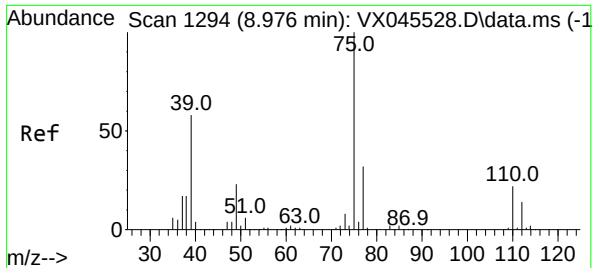
Tgt Ion: 98 Resp: 162751
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 23.085 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX045607.D
Acq: 04 Apr 2025 18:15

Tgt Ion: 43 Resp: 34997
Ion Ratio Lower Upper
43 100
58 5.2 28.5 42.7#

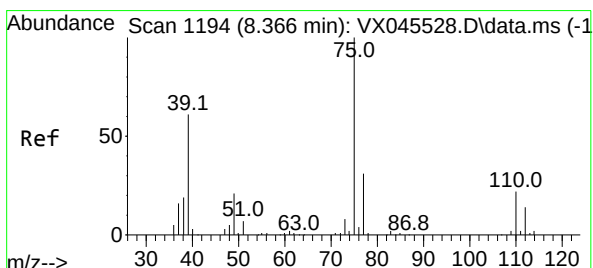
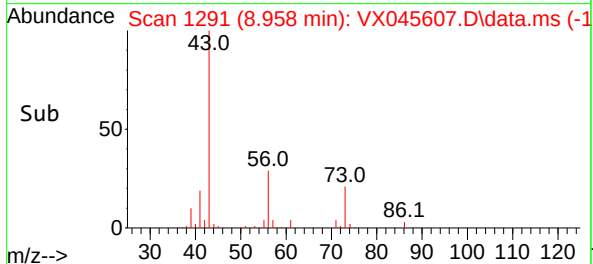
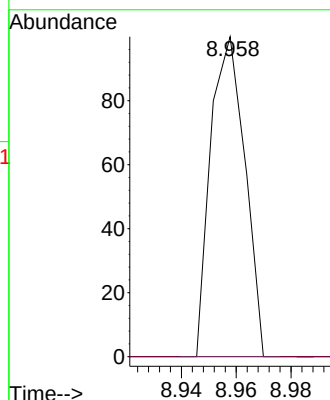
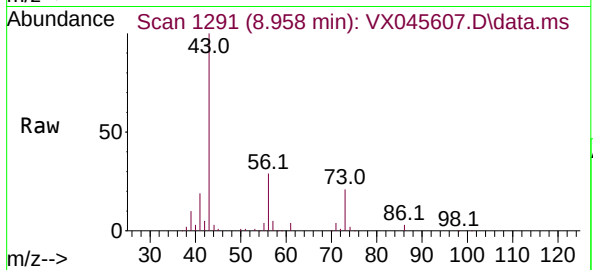




#53
 t-1,3-Dichloropropene
 Concen: 2.351 ug/l
 RT: 8.958 min Scan# 1124
 Delta R.T. -0.018 min
 Lab File: VX045607.D
 Acq: 04 Apr 2025 18:15

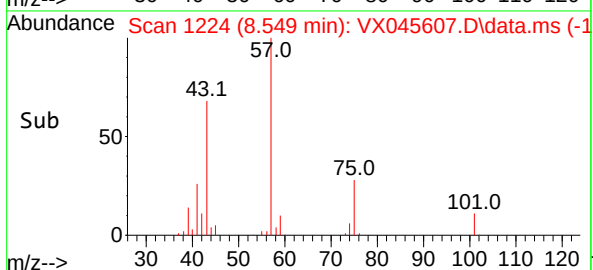
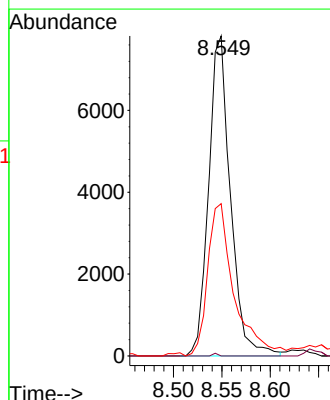
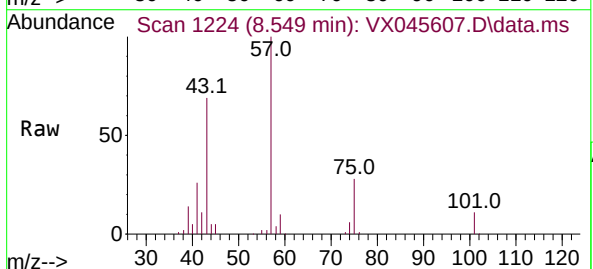
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-18

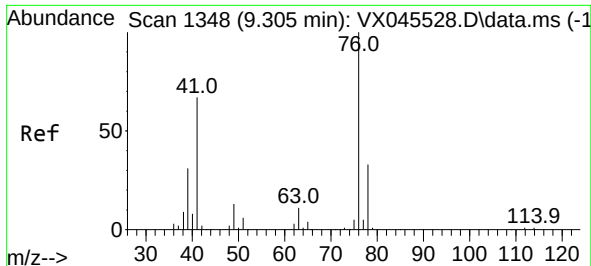
Tgt Ion: 75 Resp: 87
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.4 38.0#



#54
 cis-1,3-Dichloropropene
 Concen: 9.342 ug/l
 RT: 8.549 min Scan# 1224
 Delta R.T. 0.183 min
 Lab File: VX045607.D
 Acq: 04 Apr 2025 18:15

Tgt Ion: 75 Resp: 12279
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.6 36.8#
 39 46.6 48.4 72.6#





#57

1,3-Dichloropropane

Concen: 0.735 ug/l

RT: 9.482 min Scan# 11

Delta R.T. 0.177 min

Lab File: VX045607.D

Acq: 04 Apr 2025 18:15

Instrument :

MSVOA_X

ClientSampleId :

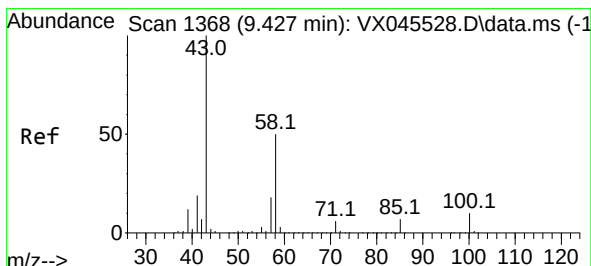
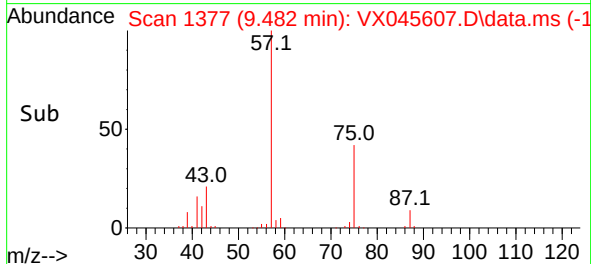
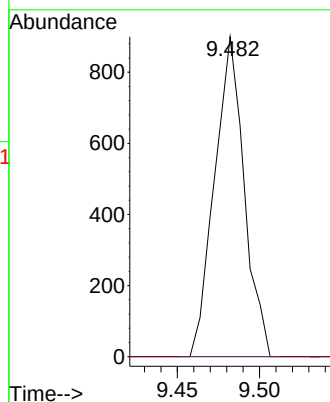
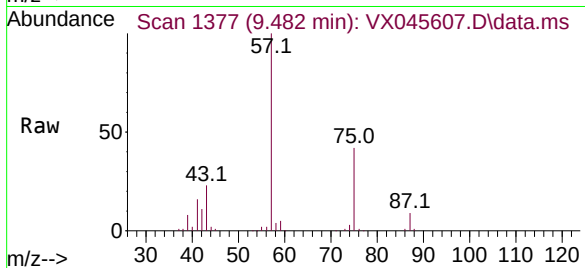
TP-18

Tgt Ion: 76 Resp: 1129

Ion Ratio Lower Upper

76 100

78 0.0 26.0 39.0#



#59

2-Hexanone

Concen: 5.011 ug/l

RT: 9.378 min Scan# 1360

Delta R.T. -0.049 min

Lab File: VX045607.D

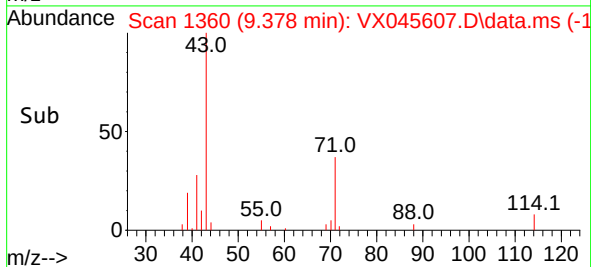
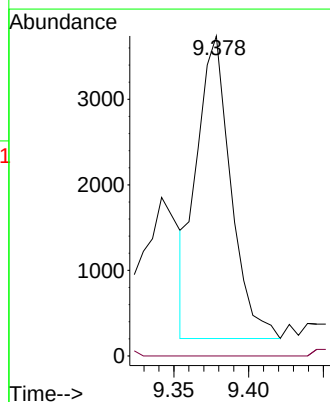
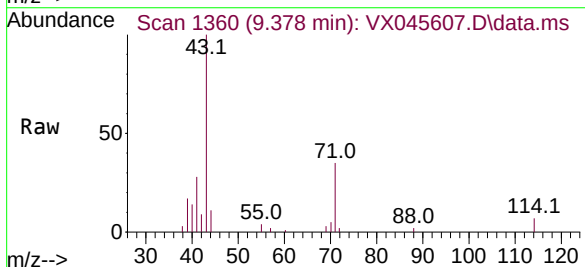
Acq: 04 Apr 2025 18:15

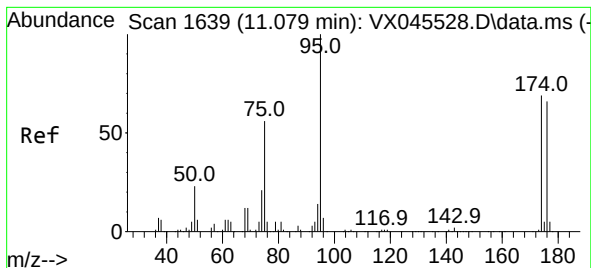
Tgt Ion: 43 Resp: 5626

Ion Ratio Lower Upper

43 100

58 0.0 24.9 74.6#

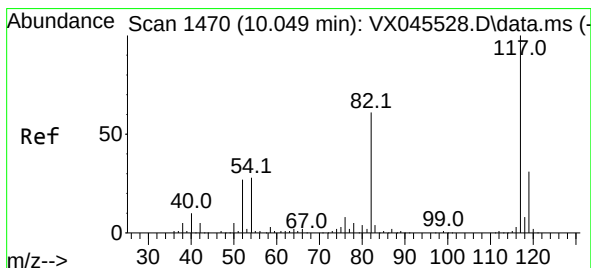
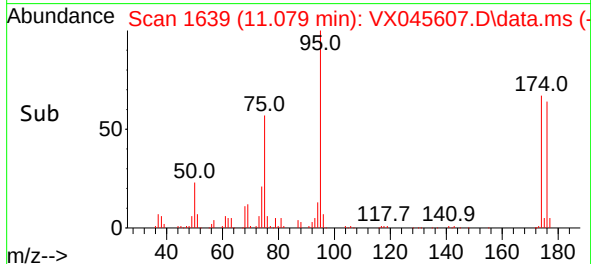
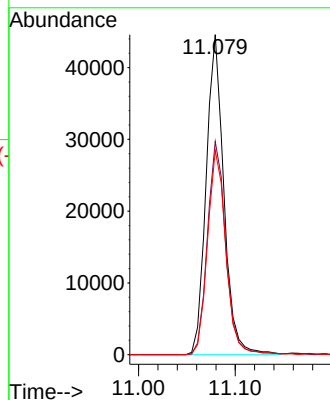
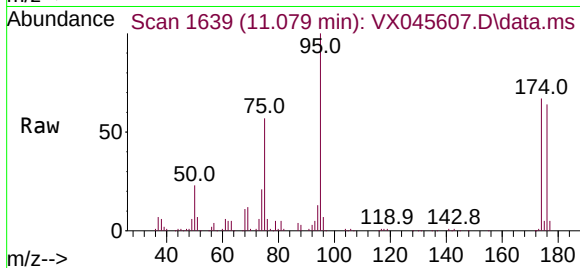




#62
4-Bromofluorobenzene
Concen: 50.417 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045607.D
Acq: 04 Apr 2025 18:15

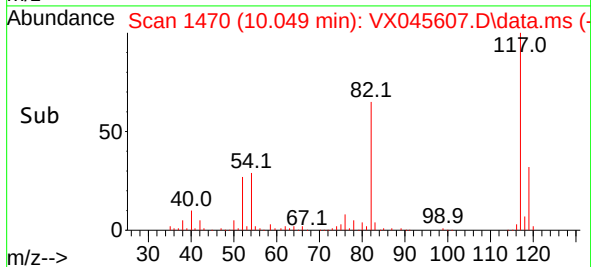
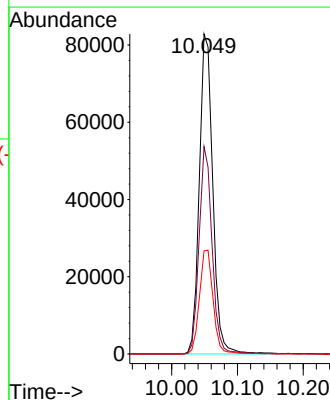
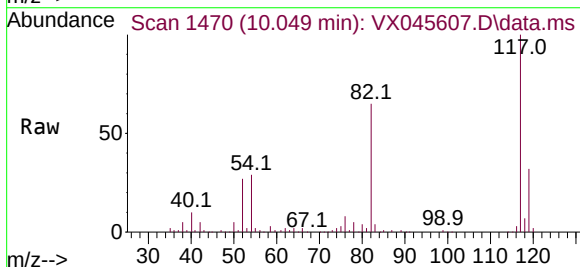
Instrument :
MSVOA_X
ClientSampleId :
TP-18

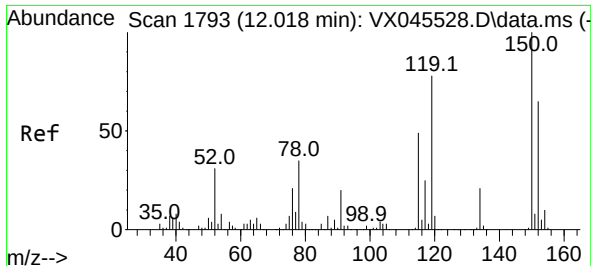
Tgt Ion: 95 Resp: 56840
Ion Ratio Lower Upper
95 100
174 68.6 0.0 135.8
176 66.1 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045607.D
Acq: 04 Apr 2025 18:15

Tgt Ion: 117 Resp: 117651
Ion Ratio Lower Upper
117 100
82 64.8 49.2 73.8
119 32.2 25.1 37.7

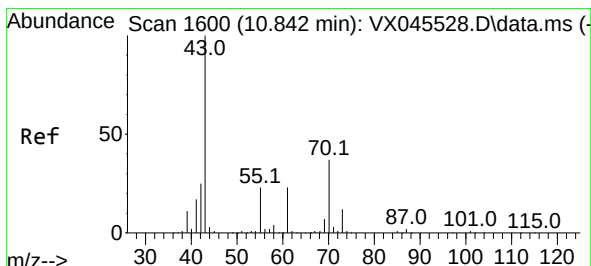
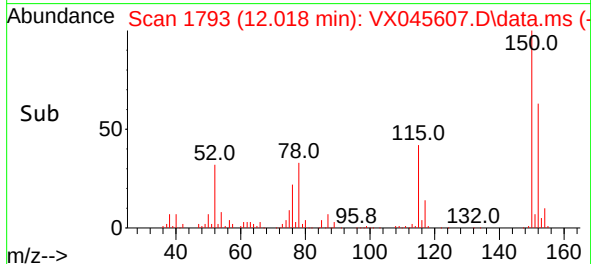
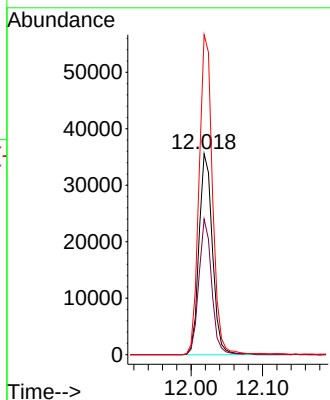
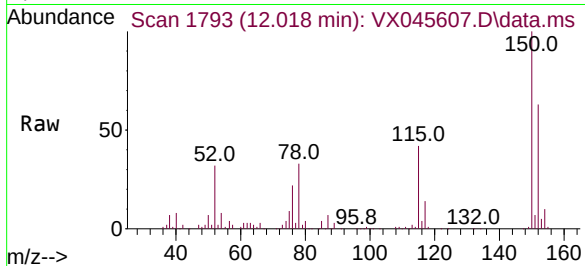




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX045607.D
 Acq: 04 Apr 2025 18:15

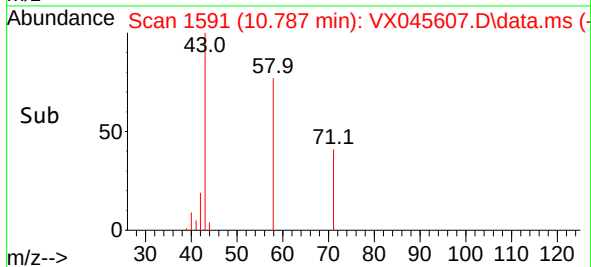
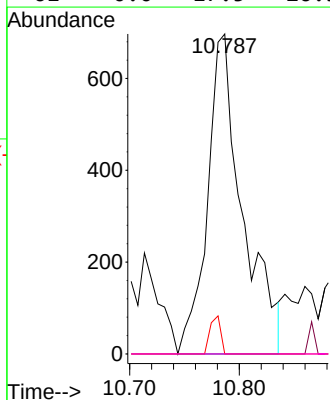
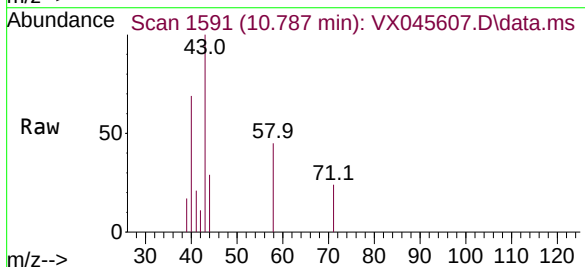
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-18

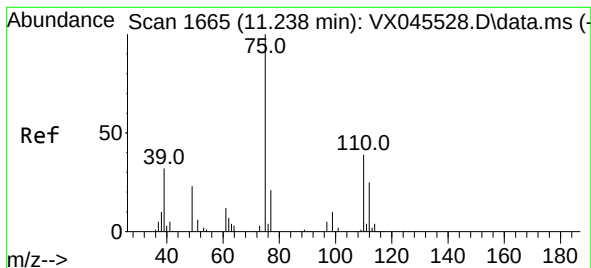
Tgt Ion:152 Resp: 46504
 Ion Ratio Lower Upper
 152 100
 115 64.0 46.9 140.7
 150 158.3 0.0 349.4



#74
 N-ethyl acetate
 Concen: 0.871 ug/l
 RT: 10.787 min Scan# 1591
 Delta R.T. -0.055 min
 Lab File: VX045607.D
 Acq: 04 Apr 2025 18:15

Tgt Ion: 43 Resp: 1552
 Ion Ratio Lower Upper
 43 100
 70 0.0 30.1 45.1#
 55 3.5 18.3 27.5#
 61 0.0 17.5 26.3#





#76

1,2,3-Trichloropropane

Concen: 29.889 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX045607.D

Acq: 04 Apr 2025 18:15

Instrument :

MSVOA_X

ClientSampleId :

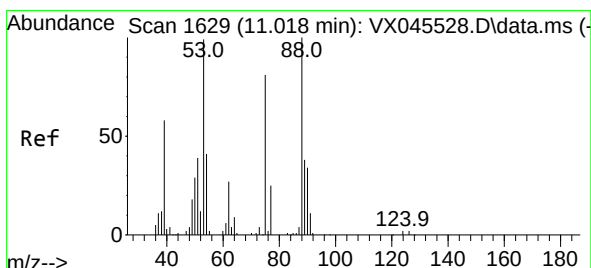
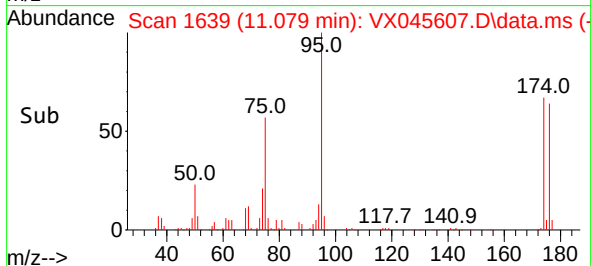
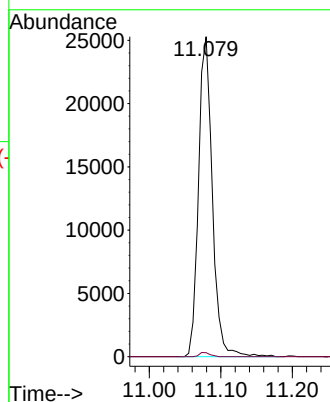
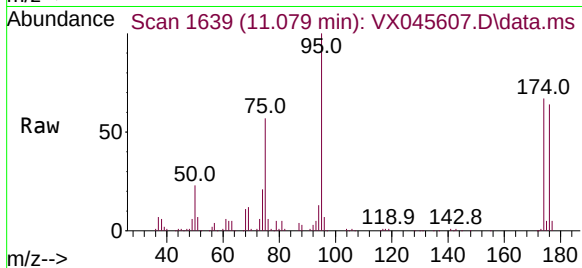
TP-18

Tgt Ion: 75 Resp: 33904

Ion Ratio Lower Upper

75 100

77 1.0 20.0 59.9#



#81

trans-1,4-Dichloro-2-butene

Concen: 101.439 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX045607.D

Acq: 04 Apr 2025 18:15

Tgt Ion: 75 Resp: 33904

Ion Ratio Lower Upper

75 100

53 0.0 101.8 152.6#

89 0.0 37.2 55.8#

