

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041825\
 Data File : VX045862.D
 Acq On : 18 Apr 2025 16:51
 Operator : JC/MD
 Sample : Q1832-42
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PL-714-COMP-07

Quant Time: Apr 18 23:42:56 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)

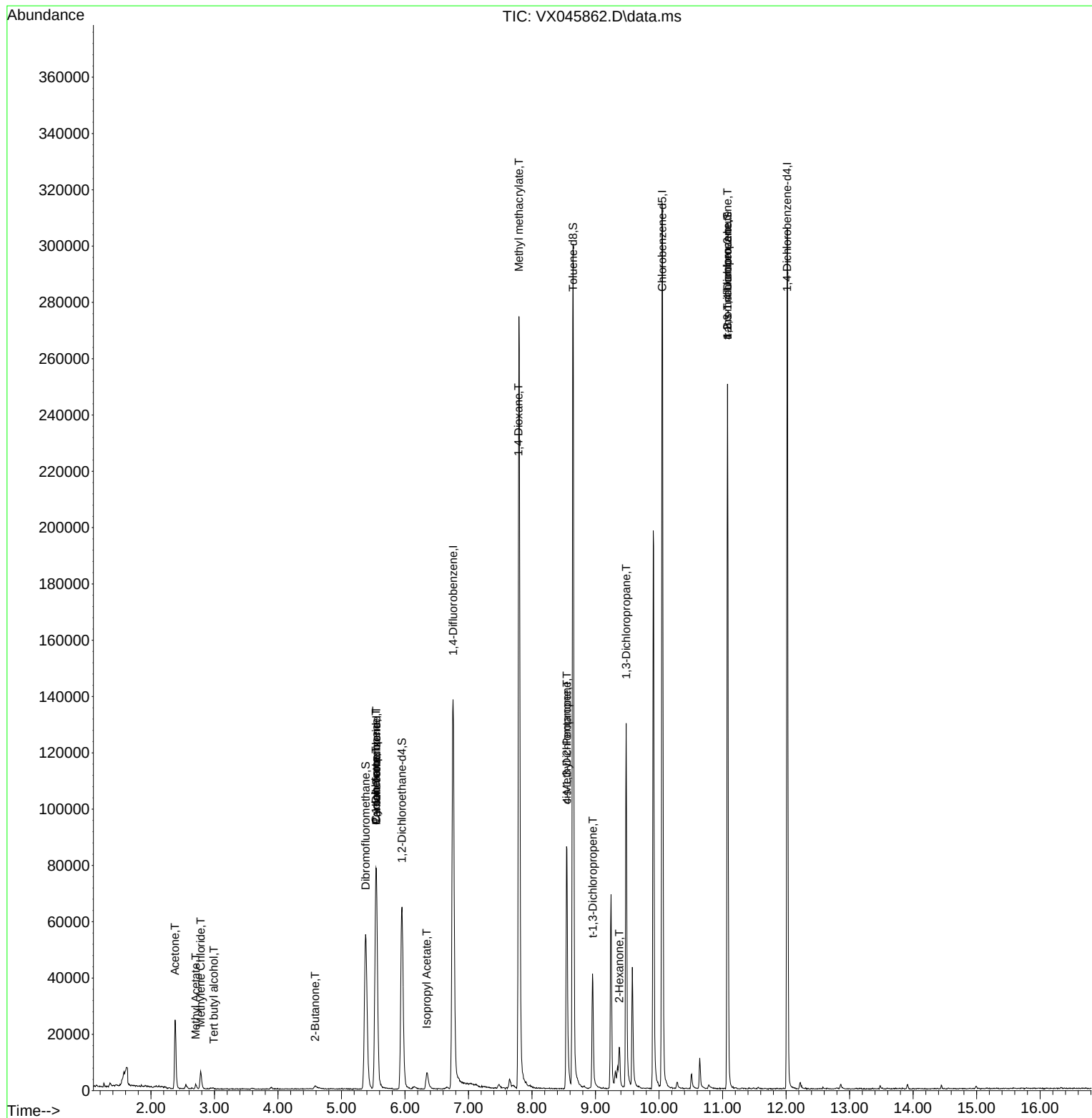
Internal Standards						
1) Pentafluorobenzene	5.550	168	67411	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	134924	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	126458	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	56115	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	67749	54.957	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.920%	
35) Dibromofluoromethane	5.379	113	48333	50.490	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.980%	
50) Toluene-d8	8.647	98	169937	50.859	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.720%	
62) 4-Bromofluorobenzene	11.079	95	65513	53.828	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 107.660%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.989	59	336	2.028	ug/l #	72
16) Acetone	2.379	43	27003	53.343	ug/l	97
18) Methyl Acetate	2.703	43	2083	1.787	ug/l	93
20) Methylene Chloride	2.782	84	2818	2.974	ug/l	89
25) 2-Butanone	4.586	43	3306	4.462	ug/l #	83
31) Cyclohexane	5.543	56	2143	1.417	ug/l #	30
36) 1,1-Dichloropropene	5.543	75	6939	5.369	ug/l #	50
38) Carbon Tetrachloride	5.550	117	8295	5.938	ug/l #	15
43) Isopropyl Acetate	6.342	43	8926	3.616	ug/l	98
48) Methyl methacrylate	7.793	41	27035	21.210	ug/l #	50
49) 1,4-Dioxane	7.787	88	19	0.824	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	35173	21.492	ug/l #	48
53) t-1,3-Dichloropropene	8.958	75	24	2.305	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	13178	9.287	ug/l #	66
57) 1,3-Dichloropropane	9.482	76	1037	0.626	ug/l #	42
59) 2-Hexanone	9.372	43	12881	10.629	ug/l #	28
76) 1,2,3-Trichloropropane	11.079	75	37232	27.201	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	37232	92.317	ug/l #	1

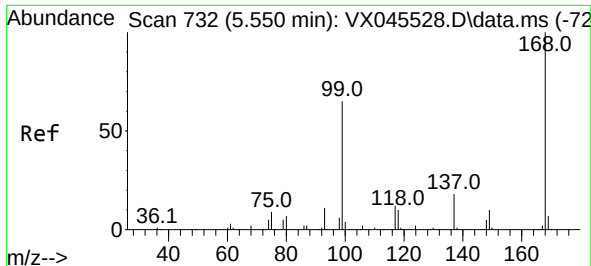
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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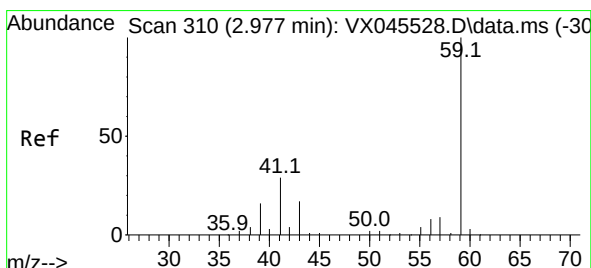
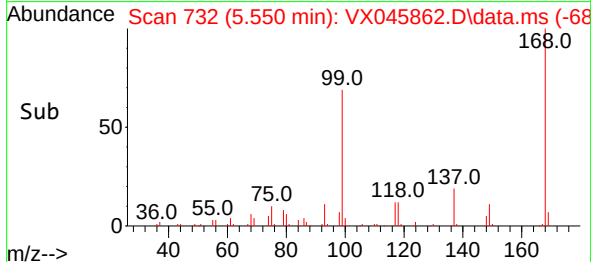
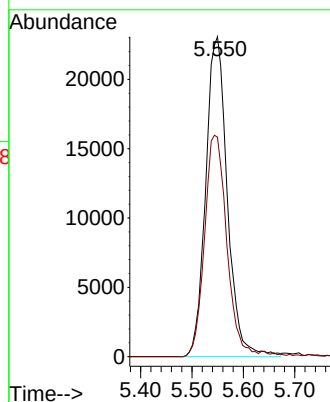
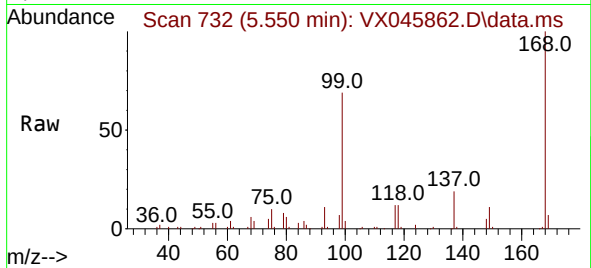




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045862.D
Acq: 18 Apr 2025 16:51

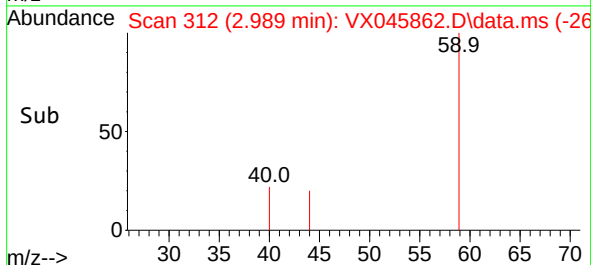
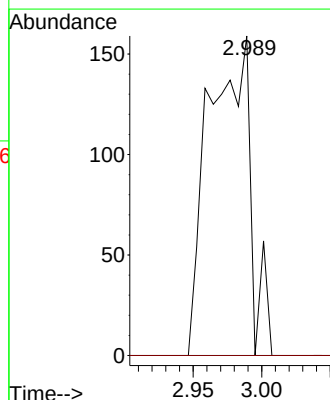
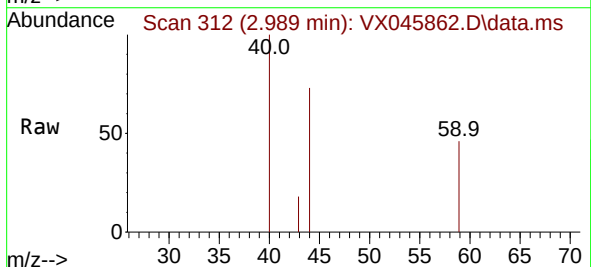
Instrument :
MSVOA_X
ClientSampleId :
PL-714-COMP-07

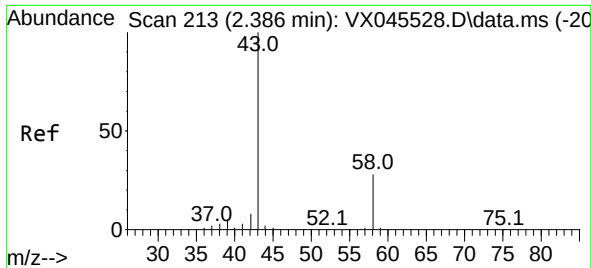
Tgt Ion:168 Resp: 67411
Ion Ratio Lower Upper
168 100
99 68.6 52.3 78.5



#11
Tert butyl alcohol
Concen: 2.028 ug/l
RT: 2.989 min Scan# 312
Delta R.T. 0.012 min
Lab File: VX045862.D
Acq: 18 Apr 2025 16:51

Tgt Ion: 59 Resp: 336
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

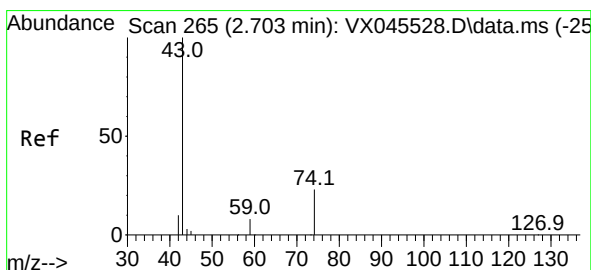
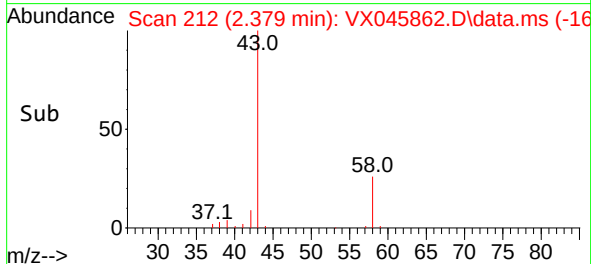
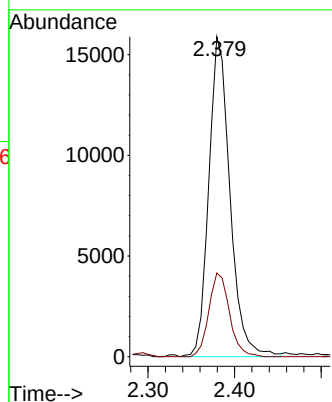
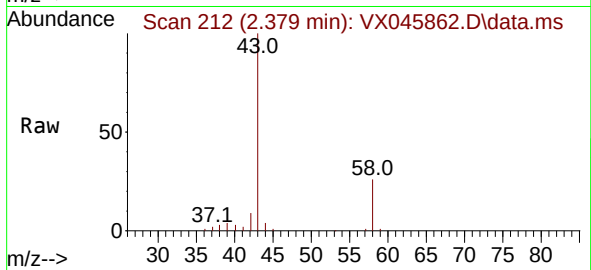




#16
Acetone
Concen: 53.343 ug/l
RT: 2.379 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX045862.D
Acq: 18 Apr 2025 16:51

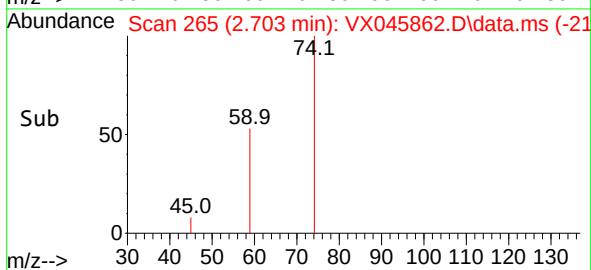
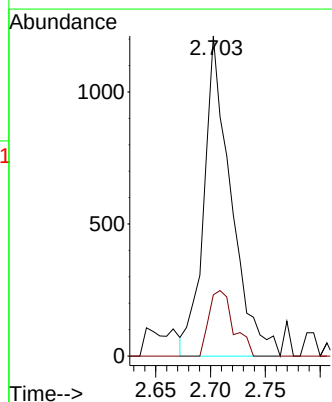
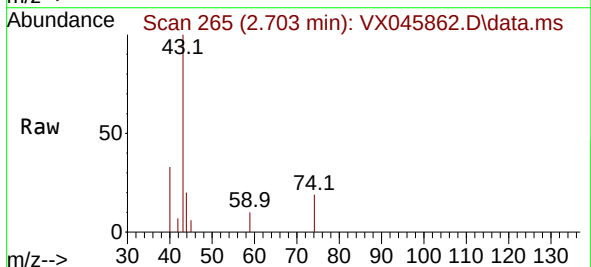
Instrument :
MSVOA_X
ClientSampleId :
PL-714-COMP-07

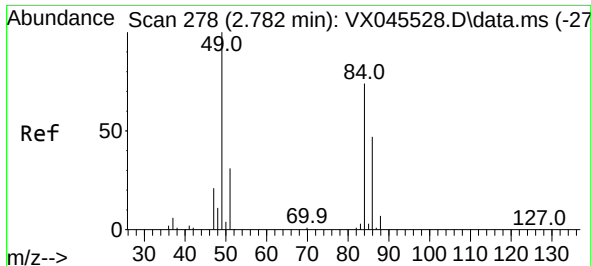
Tgt Ion: 43 Resp: 27003
Ion Ratio Lower Upper
43 100
58 26.2 22.3 33.5



#18
Methyl Acetate
Concen: 1.787 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX045862.D
Acq: 18 Apr 2025 16:51

Tgt Ion: 43 Resp: 2083
Ion Ratio Lower Upper
43 100
74 18.5 17.5 26.3

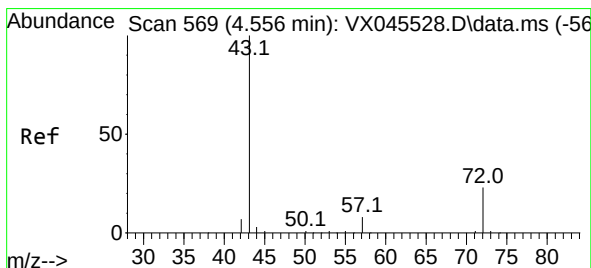
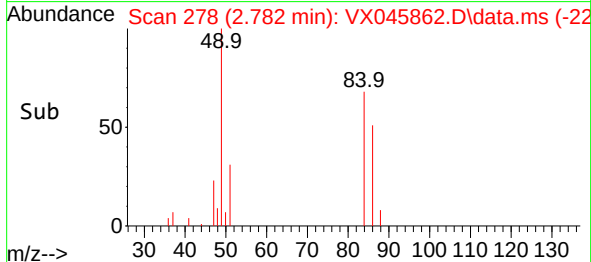
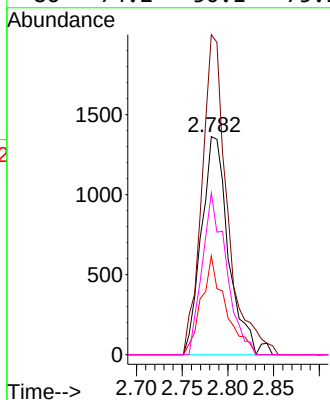
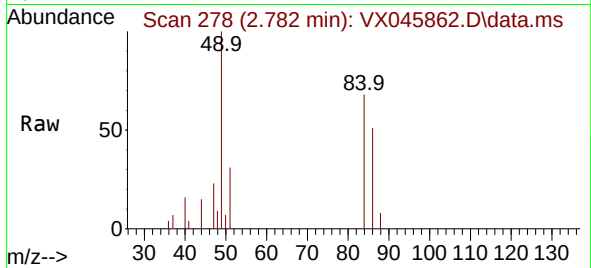




#20
Methylene Chloride
Concen: 2.974 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX045862.D
Acq: 18 Apr 2025 16:51

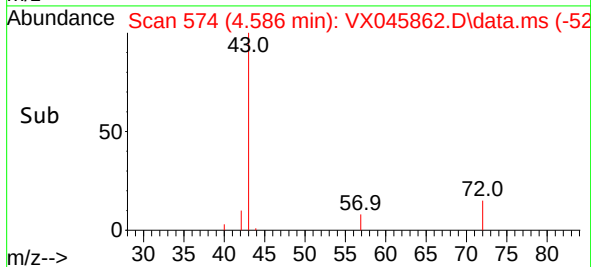
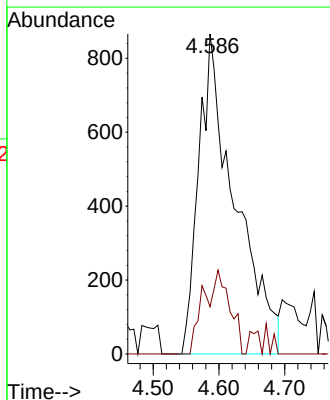
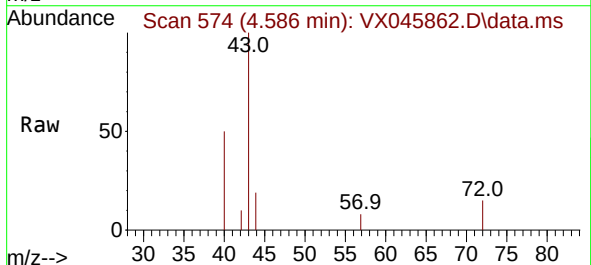
Instrument :
MSVOA_X
ClientSampleId :
PL-714-COMP-07

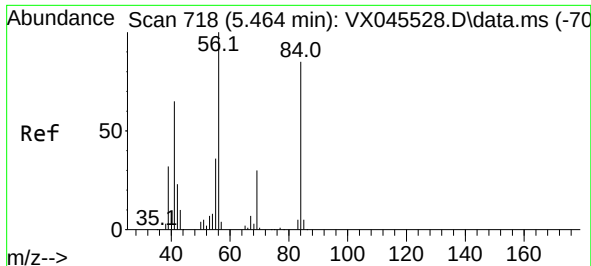
Tgt Ion:	84	Resp:	2818
Ion	Ratio	Lower	Upper
84	100		
49	146.7	107.5	161.3
51	45.3	33.0	49.6
86	74.2	50.1	75.1



#25
2-Butanone
Concen: 4.462 ug/l
RT: 4.586 min Scan# 574
Delta R.T. 0.030 min
Lab File: VX045862.D
Acq: 18 Apr 2025 16:51

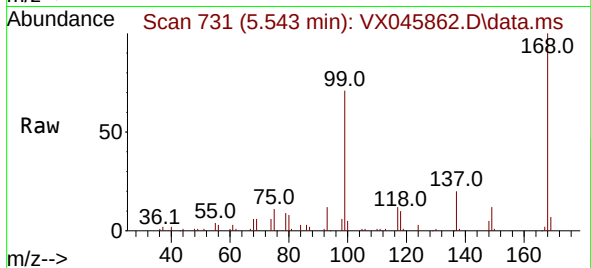
Tgt Ion:	43	Resp:	3306
Ion	Ratio	Lower	Upper
43	100		
72	14.8	18.6	28.0#



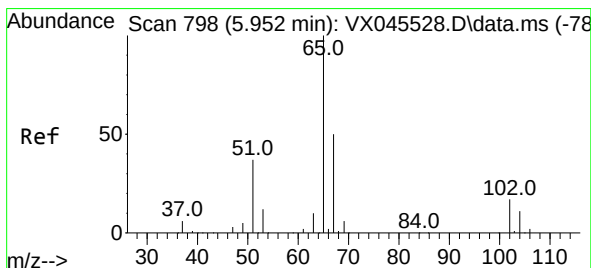
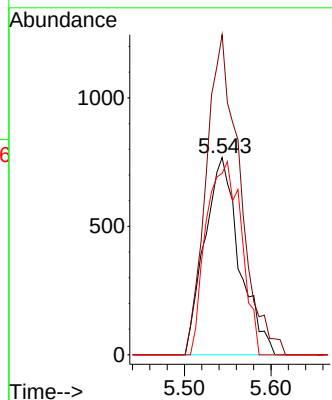
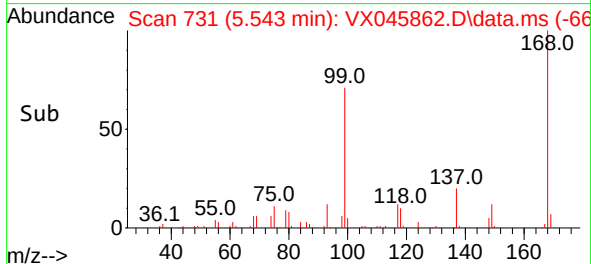


#31
Cyclohexane
Concen: 1.417 ug/l
RT: 5.543 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX045862.D
Acq: 18 Apr 2025 16:51

Instrument :
MSVOA_X
ClientSampleId :
PL-714-COMP-07

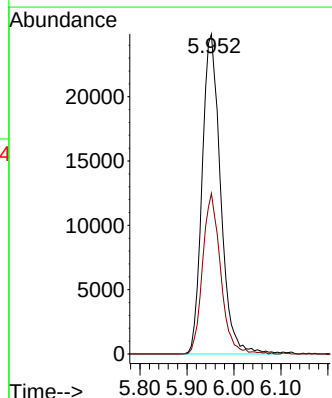
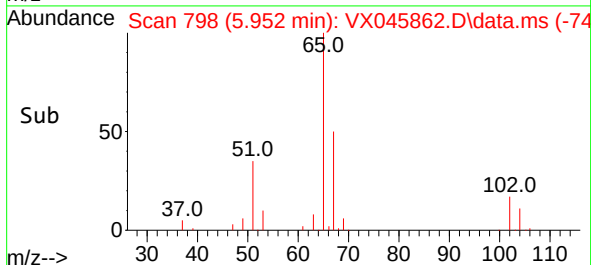
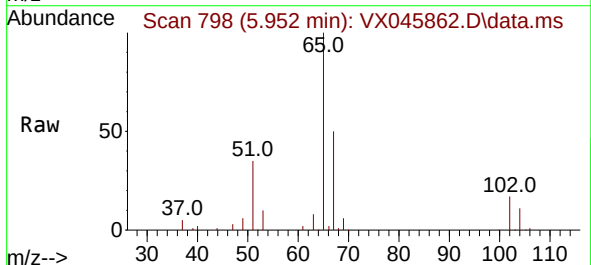


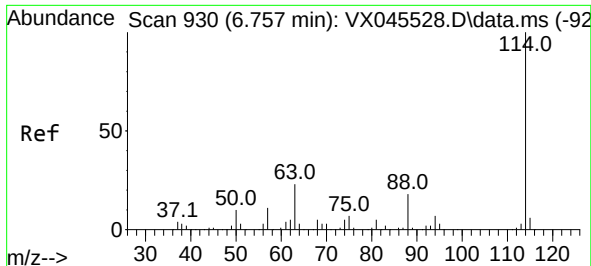
Tgt Ion: 56 Resp: 2143
Ion Ratio Lower Upper
56 100
69 162.2 23.6 35.4#
84 91.9 67.7 101.5



#33
1,2-Dichloroethane-d4
Concen: 54.957 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045862.D
Acq: 18 Apr 2025 16:51

Tgt Ion: 65 Resp: 67749
Ion Ratio Lower Upper
65 100
67 49.0 0.0 99.0

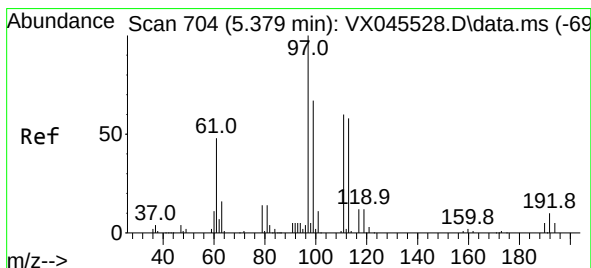
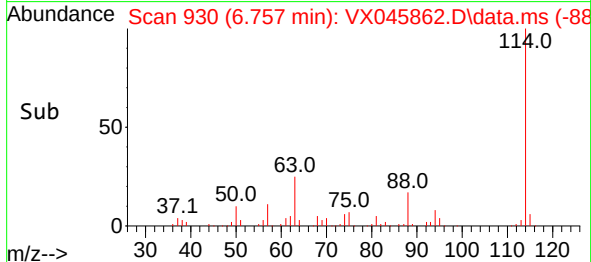
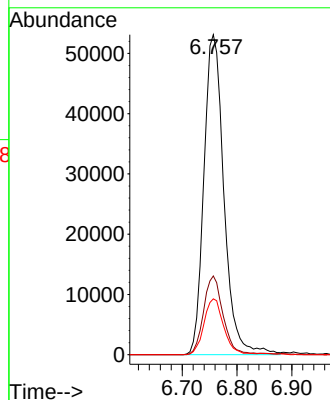
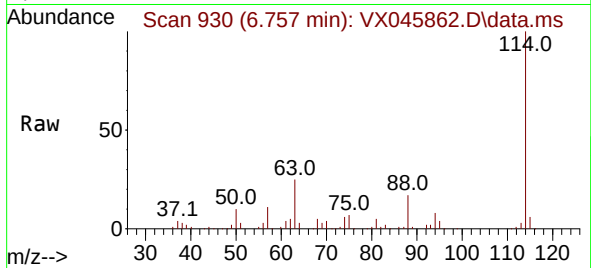




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045862.D
Acq: 18 Apr 2025 16:51

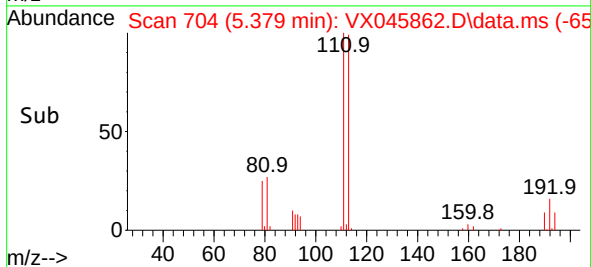
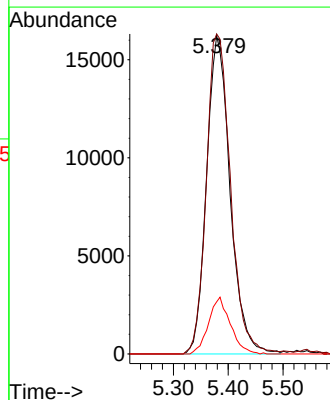
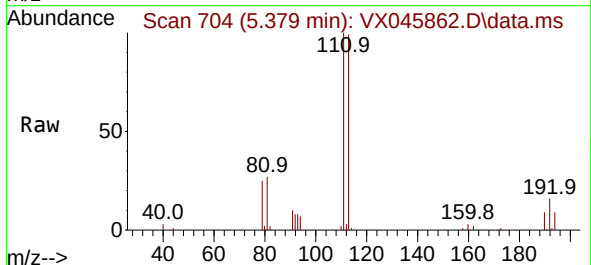
Instrument :
MSVOA_X
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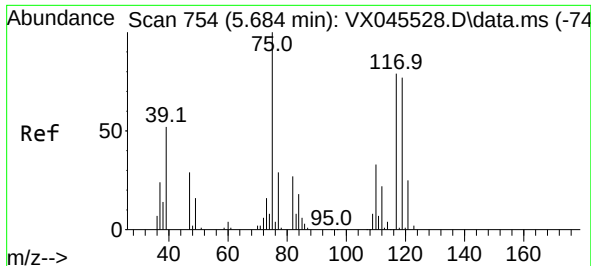
Tgt Ion:114 Resp: 134924
Ion Ratio Lower Upper
114 100
63 24.6 0.0 46.8
88 17.4 0.0 35.4



#35
Dibromofluoromethane
Concen: 50.490 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045862.D
Acq: 18 Apr 2025 16:51

Tgt Ion:113 Resp: 48333
Ion Ratio Lower Upper
113 100
111 103.3 81.8 122.6
192 16.6 13.8 20.6





#36

1,1-Dichloropropene

Concen: 5.369 ug/l

RT: 5.543 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX045862.D

Acq: 18 Apr 2025 16:51

Instrument :

MSVOA_X

ClientSampleId :

PL-714-COMP-07

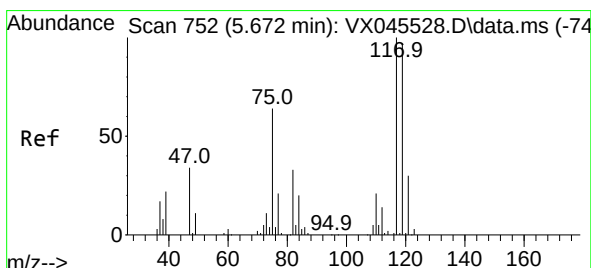
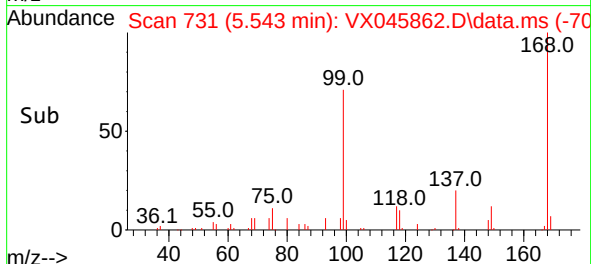
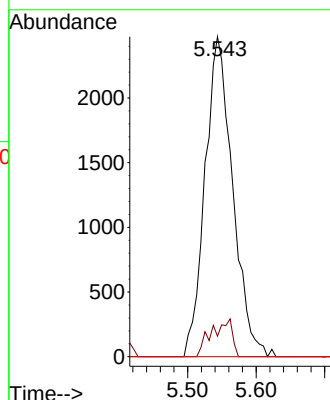
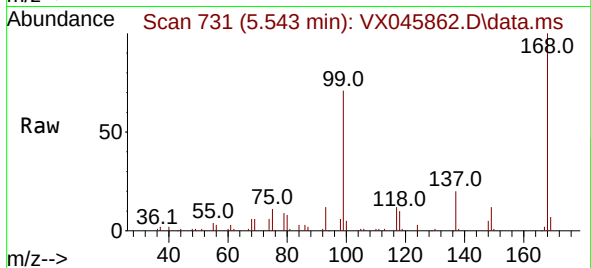
Tgt Ion: 75 Resp: 6939

Ion Ratio Lower Upper

75 100

110 8.8 16.9 50.6#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.938 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.122 min

Lab File: VX045862.D

Acq: 18 Apr 2025 16:51

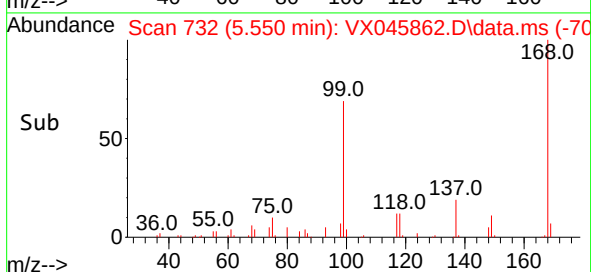
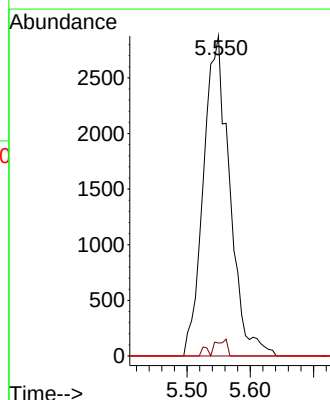
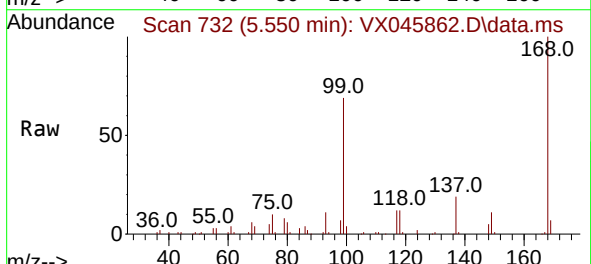
Tgt Ion: 117 Resp: 8295

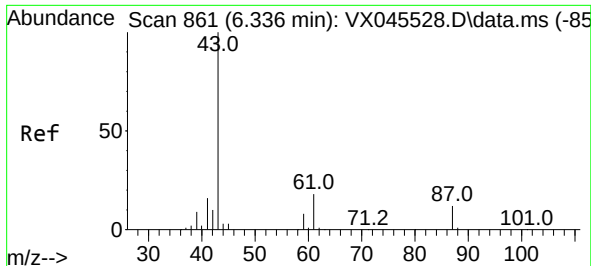
Ion Ratio Lower Upper

117 100

119 4.1 76.9 115.3#

121 0.0 24.2 36.2#

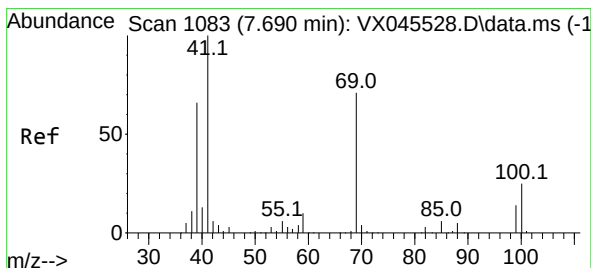
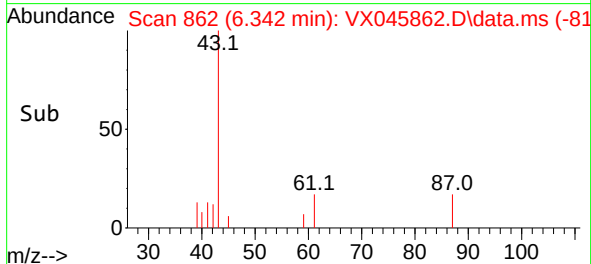
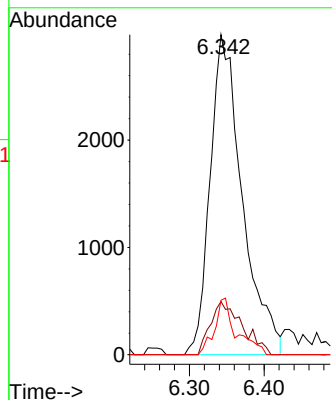
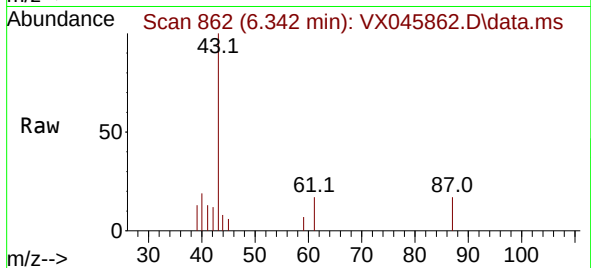




#43
Isopropyl Acetate
Concen: 3.616 ug/l
RT: 6.342 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX045862.D
Acq: 18 Apr 2025 16:51

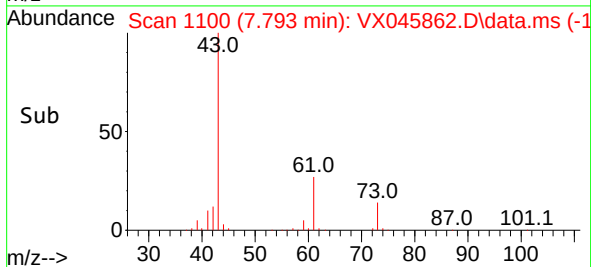
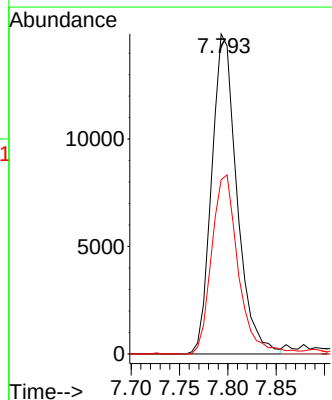
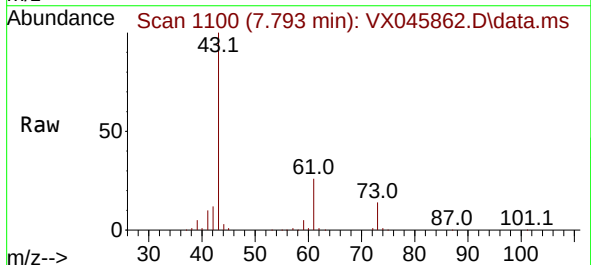
Instrument :
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PL-714-COMP-07

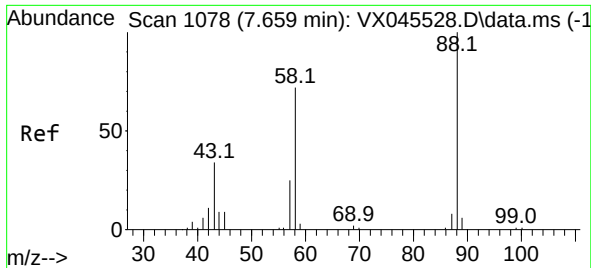
Tgt Ion: 43 Resp: 8926
Ion Ratio Lower Upper
43 100
61 16.5 14.1 21.1
87 12.0 9.2 13.8



#48
Methyl methacrylate
Concen: 21.210 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.103 min
Lab File: VX045862.D
Acq: 18 Apr 2025 16:51

Tgt Ion: 41 Resp: 27035
Ion Ratio Lower Upper
41 100
69 0.0 58.2 87.2#
39 59.0 53.6 80.4

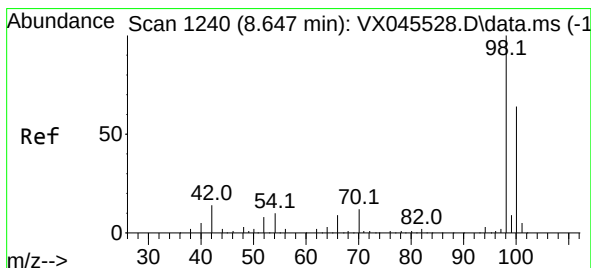
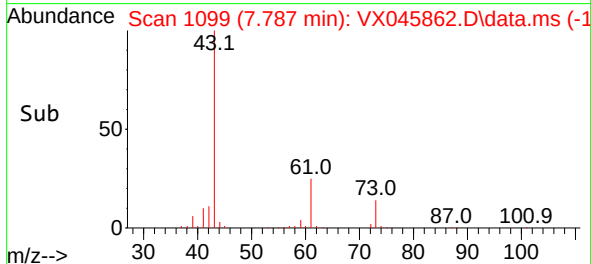
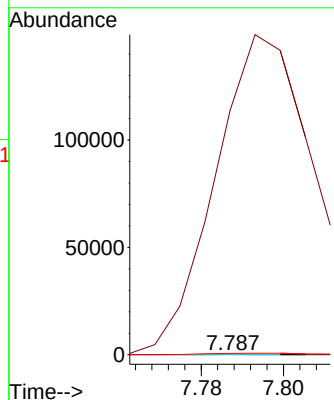
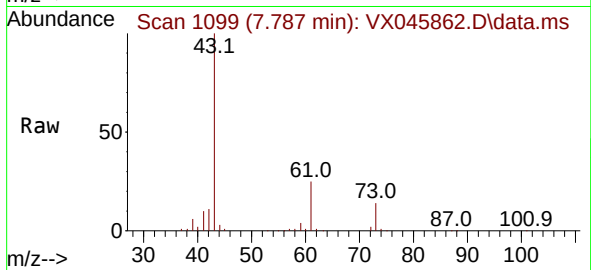




#49
1,4-Dioxane
Concen: 0.824 ug/l
RT: 7.787 min Scan# 1078
Delta R.T. 0.128 min
Lab File: VX045862.D
Acq: 18 Apr 2025 16:51

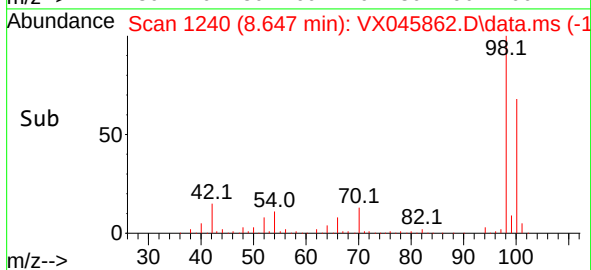
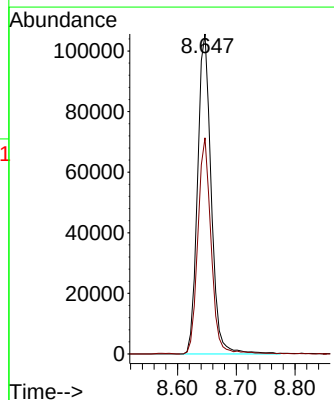
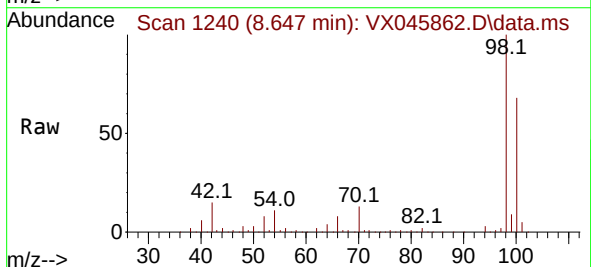
Instrument :
MSVOA_X
ClientSampleId :
PL-714-COMP-07

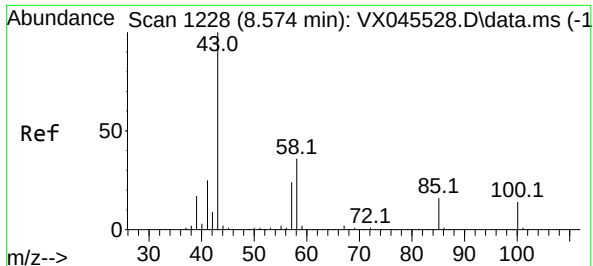
Tgt Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 1418452.6 32.2 48.4#
58 6673.7 58.6 88.0#



#50
Toluene-d8
Concen: 50.859 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045862.D
Acq: 18 Apr 2025 16:51

Tgt Ion: 98 Resp: 169937
Ion Ratio Lower Upper
98 100
100 65.6 52.2 78.4

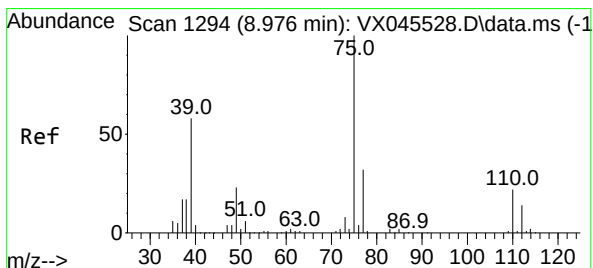
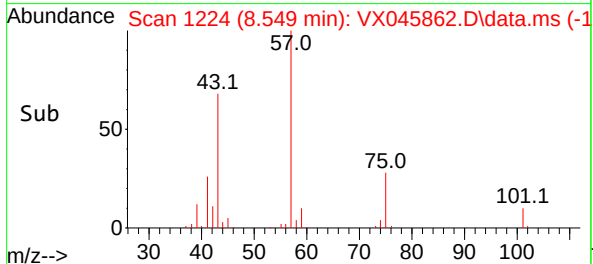
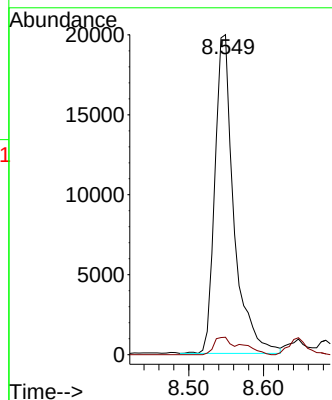
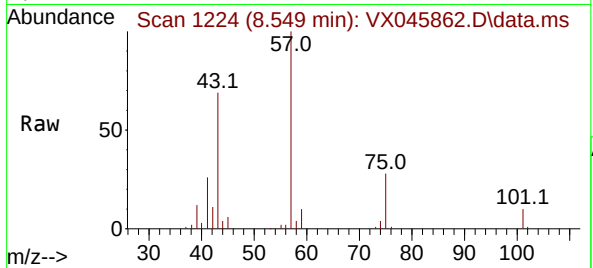




#51
4-Methyl-2-Pentanone
Concen: 21.492 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.025 min
Lab File: VX045862.D
Acq: 18 Apr 2025 16:51

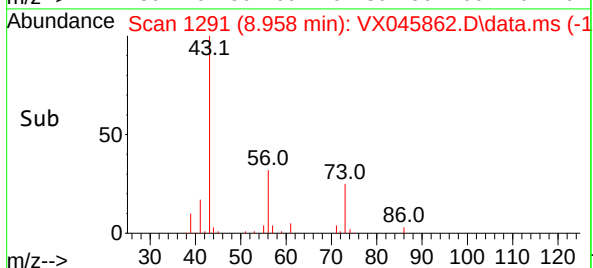
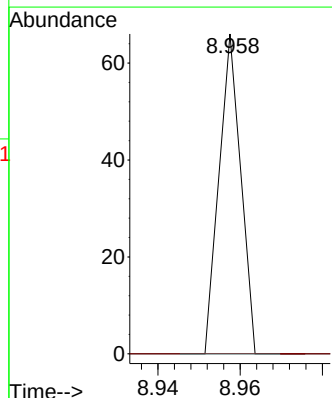
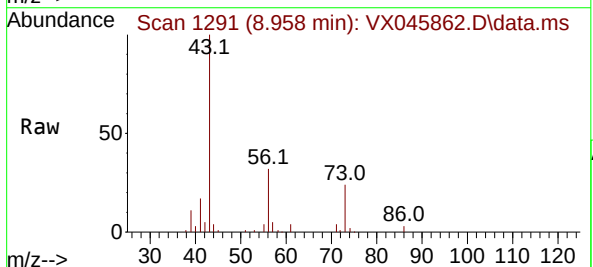
Instrument :
MSVOA_X
ClientSampleId :
PL-714-COMP-07

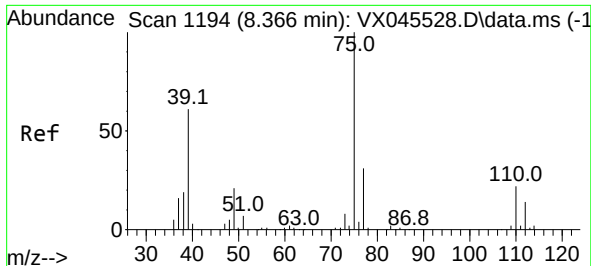
Tgt Ion: 43 Resp: 35173
Ion Ratio Lower Upper
43 100
58 5.0 28.5 42.7#



#53
t-1,3-Dichloropropene
Concen: 2.305 ug/l
RT: 8.958 min Scan# 1291
Delta R.T. -0.018 min
Lab File: VX045862.D
Acq: 18 Apr 2025 16:51

Tgt Ion: 75 Resp: 24
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.0#

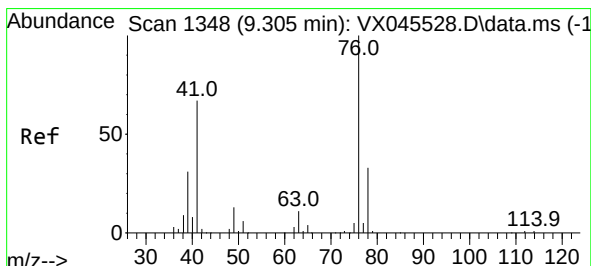
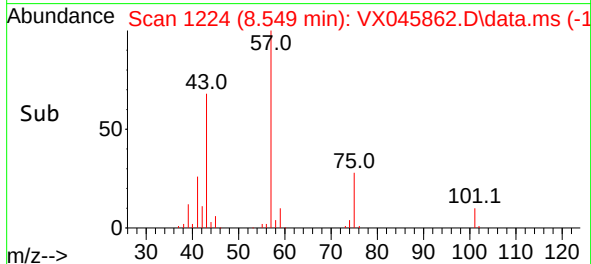
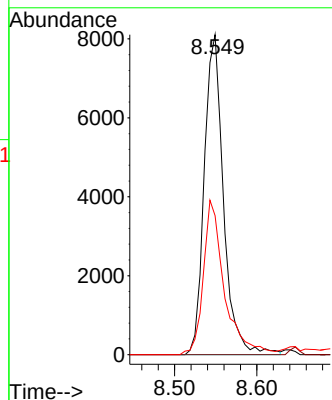
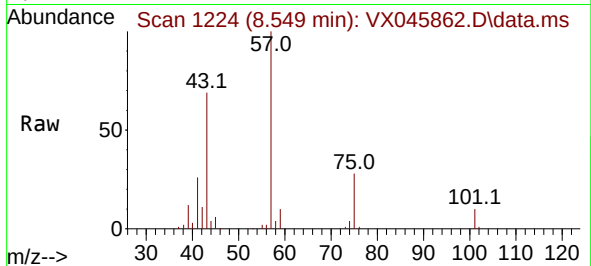




#54
 cis-1,3-Dichloropropene
 Concen: 9.287 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX045862.D
 Acq: 18 Apr 2025 16:51

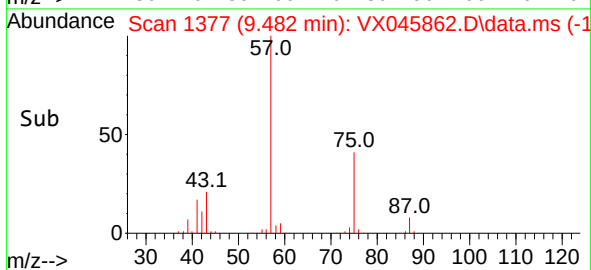
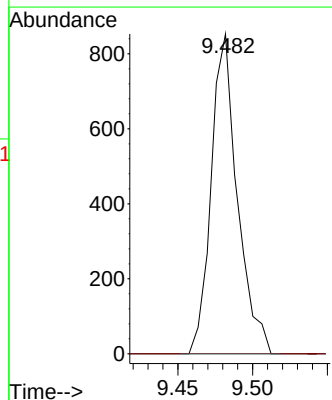
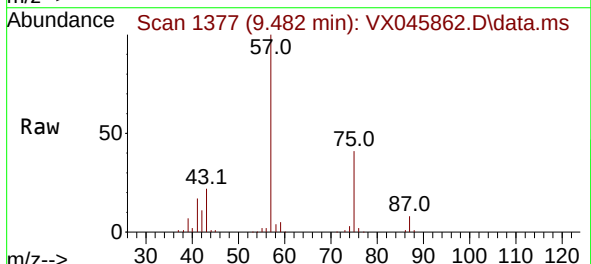
Instrument :
 MSVOA_X
 ClientSampleId :
 PL-714-COMP-07

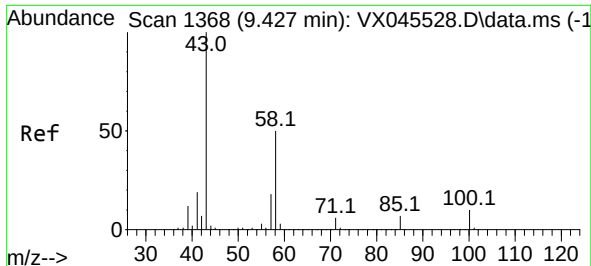
Tgt Ion: 75 Resp: 13178
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.6 36.8#
 39 43.5 48.4 72.6#



#57
 1,3-Dichloropropane
 Concen: 0.626 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.177 min
 Lab File: VX045862.D
 Acq: 18 Apr 2025 16:51

Tgt Ion: 76 Resp: 1037
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.0 39.0#

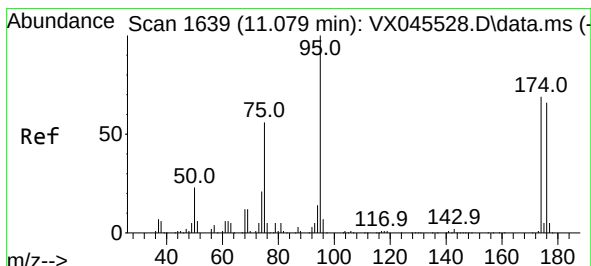
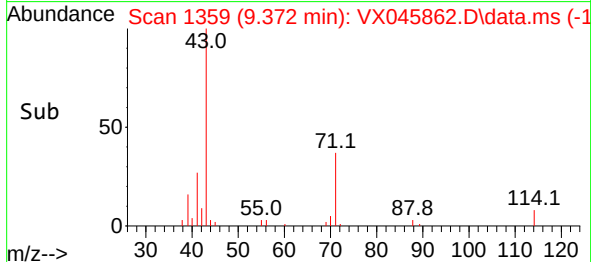
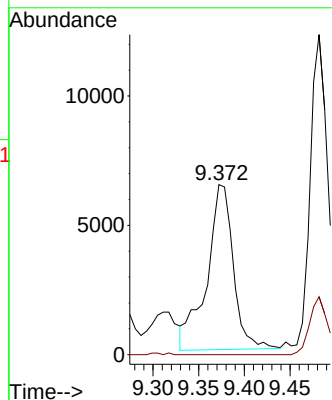
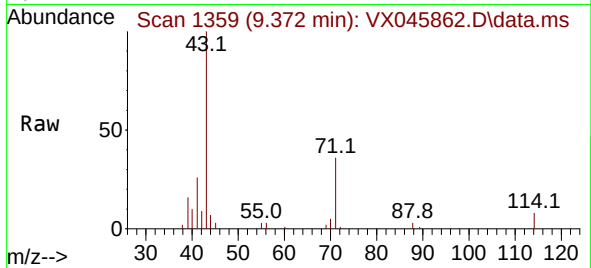




#59
2-Hexanone
Concen: 10.629 ug/l
RT: 9.372 min Scan# 11
Delta R.T. -0.055 min
Lab File: VX045862.D
Acq: 18 Apr 2025 16:51

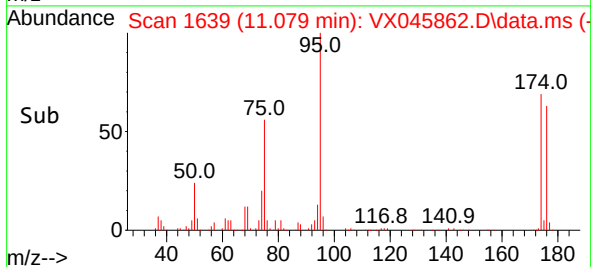
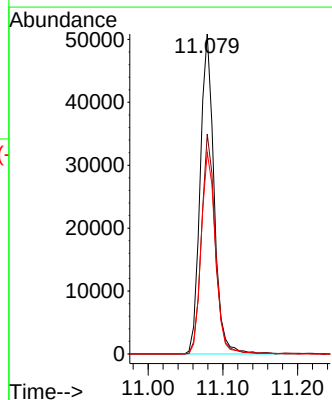
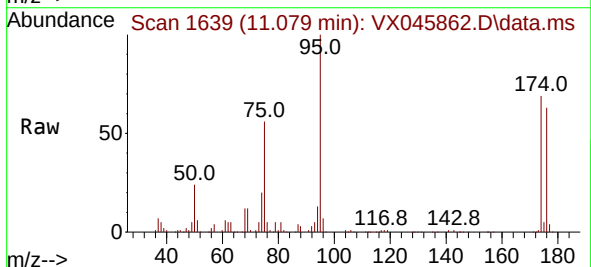
Instrument :
MSVOA_X
ClientSampleId :
PL-714-COMP-07

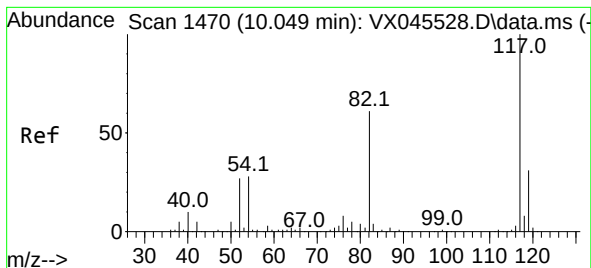
Tgt Ion: 43 Resp: 12881
Ion Ratio Lower Upper
43 100
58 0.0 24.9 74.6#



#62
4-Bromofluorobenzene
Concen: 53.828 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045862.D
Acq: 18 Apr 2025 16:51

Tgt Ion: 95 Resp: 65513
Ion Ratio Lower Upper
95 100
174 68.1 0.0 135.8
176 65.2 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: VX045862.D

Acq: 18 Apr 2025 16:51

Instrument :

MSVOA_X

ClientSampleId :

PL-714-COMP-07

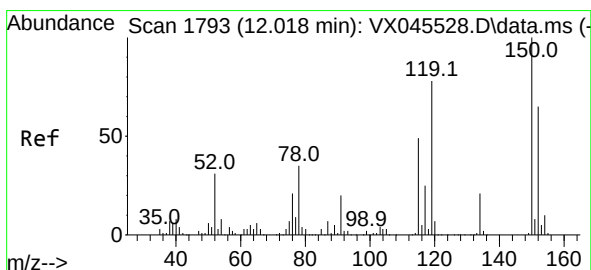
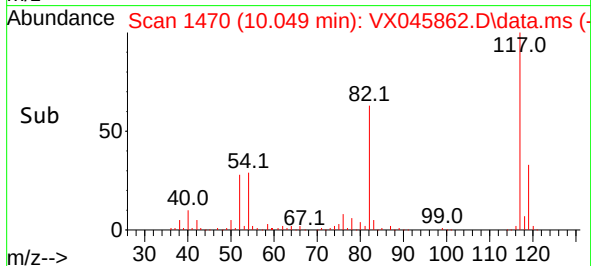
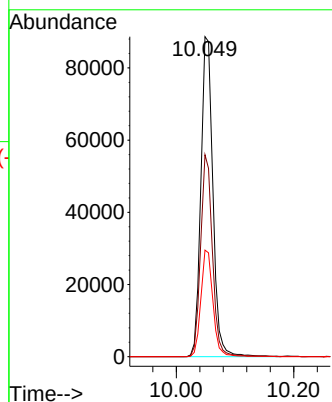
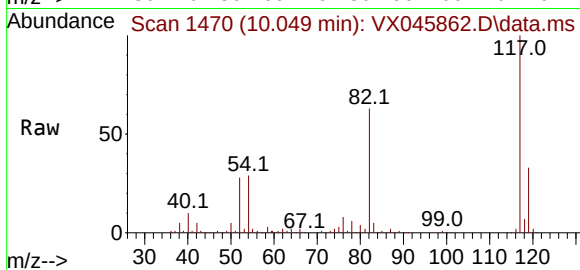
Tgt Ion:117 Resp: 126458

Ion Ratio Lower Upper

117 100

82 63.1 49.2 73.8

119 33.3 25.1 37.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VX045862.D

Acq: 18 Apr 2025 16:51

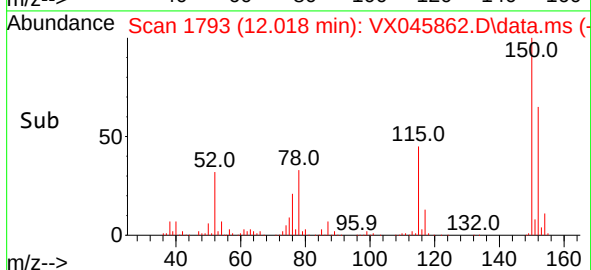
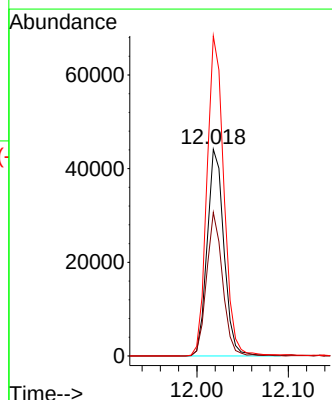
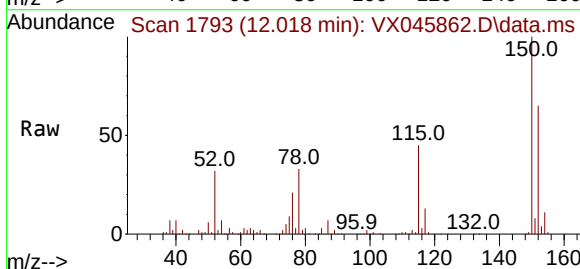
Tgt Ion:152 Resp: 56115

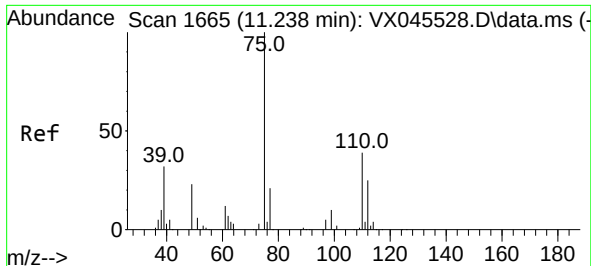
Ion Ratio Lower Upper

152 100

115 66.3 46.9 140.7

150 156.7 0.0 349.4

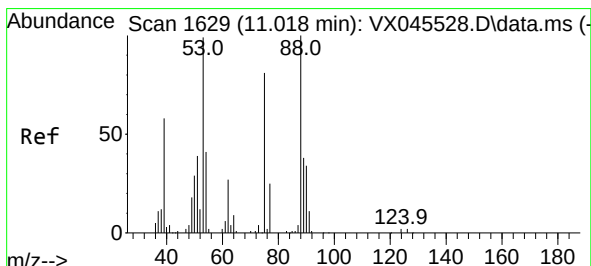
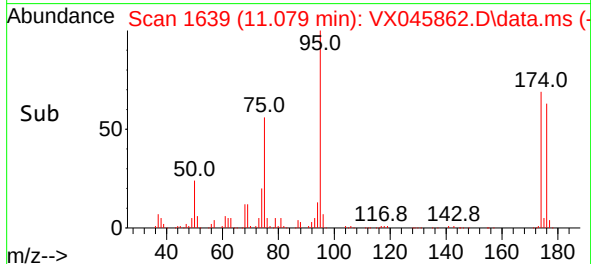
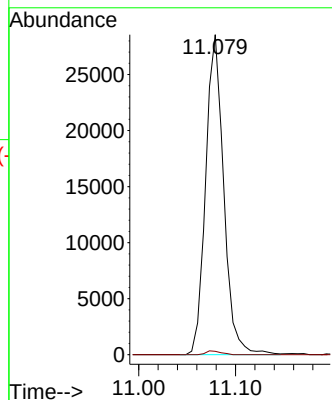
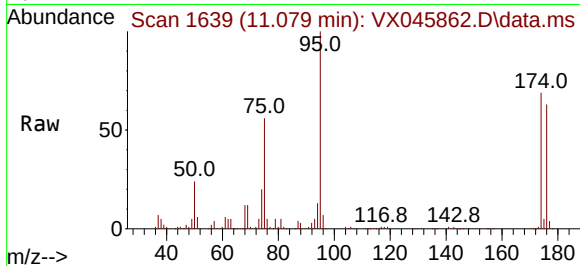




#76
1,2,3-Trichloropropane
Concen: 27.201 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045862.D
Acq: 18 Apr 2025 16:51

Instrument :
MSVOA_X
ClientSampleId :
PL-714-COMP-07

Tgt Ion: 75 Resp: 37232
Ion Ratio Lower Upper
75 100
77 1.0 20.0 59.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.317 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045862.D
Acq: 18 Apr 2025 16:51

Tgt Ion: 75 Resp: 37232
Ion Ratio Lower Upper
75 100
53 0.0 101.8 152.6#
89 0.0 37.2 55.8#

