

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042225\
 Data File : VX045895.D
 Acq On : 22 Apr 2025 19:10
 Operator : JC/MD
 Sample : Q1842-42
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PL-714-COMP-14

Quant Time: Apr 23 01:36:52 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)

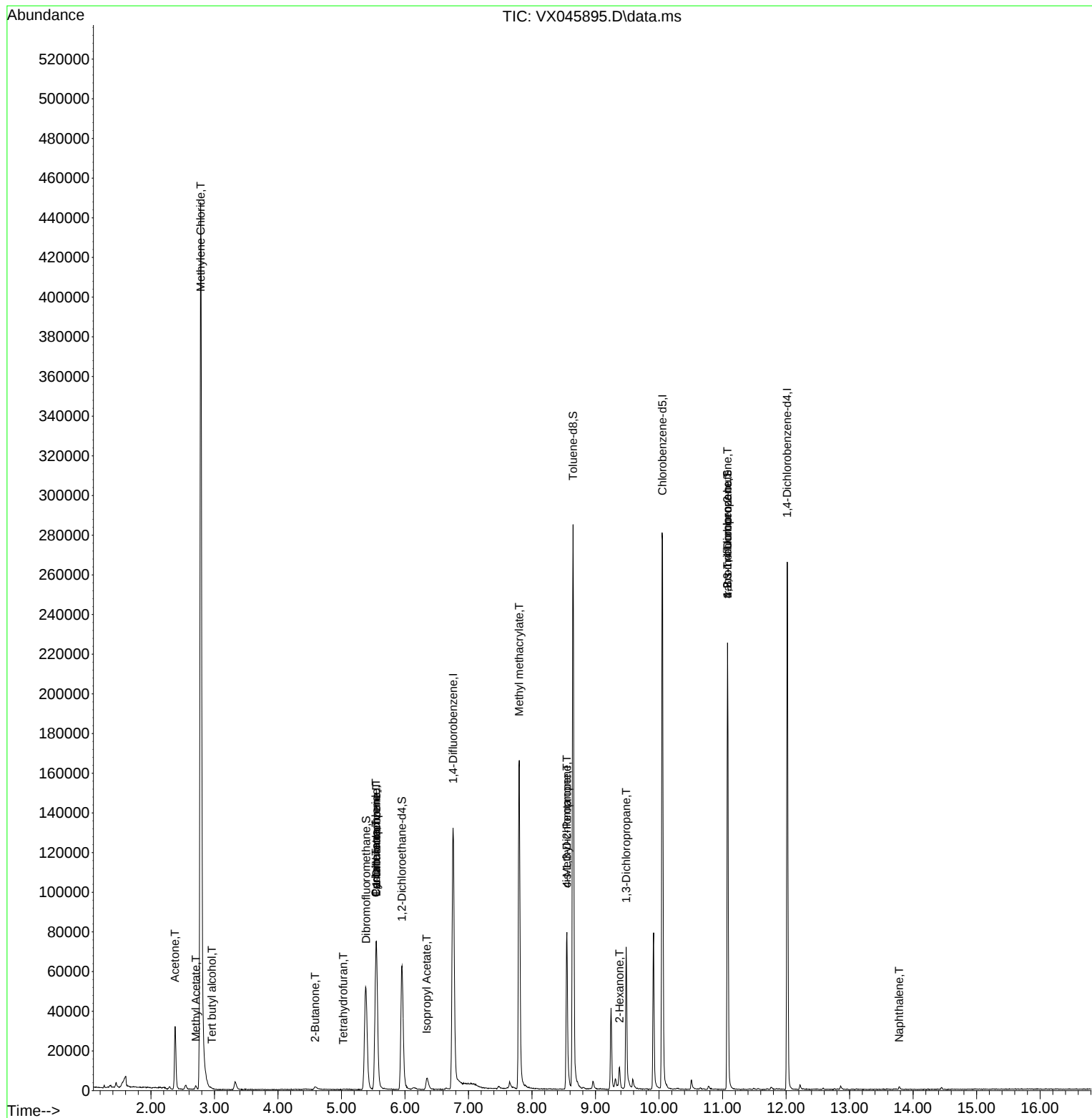
Internal Standards						
1) Pentafluorobenzene	5.550	168	65143	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	129542	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	118970	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	49241	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64003	53.726	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 107.460%		
35) Dibromofluoromethane	5.385	113	46050	50.103	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.200%		
50) Toluene-d8	8.647	98	161665	50.394	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 100.780%		
62) 4-Bromofluorobenzene	11.079	95	59971	51.322	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 102.640%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.959	59	356	2.224	ug/l #	72
16) Acetone	2.379	43	33962	69.426	ug/l	97
18) Methyl Acetate	2.709	43	2620	2.326	ug/l	97
20) Methylene Chloride	2.782	84	208037	227.163	ug/l	97
25) 2-Butanone	4.586	43	3478	4.857	ug/l	92
29) Tetrahydrofuran	5.025	42	107	0.230	ug/l #	65
31) Cyclohexane	5.543	56	1961	1.342	ug/l #	47
36) 1,1-Dichloropropene	5.550	75	6709	5.406	ug/l #	49
38) Carbon Tetrachloride	5.543	117	7894	5.886	ug/l #	16
43) Isopropyl Acetate	6.342	43	9217	3.889	ug/l	96
48) Methyl methacrylate	7.799	41	17638	14.412	ug/l #	50
51) 4-Methyl-2-Pentanone	8.549	43	32183	20.482	ug/l #	48
54) cis-1,3-Dichloropropene	8.549	75	11979	8.793	ug/l #	66
57) 1,3-Dichloropropane	9.482	76	681	0.428	ug/l #	42
59) 2-Hexanone	9.378	43	8217	7.062	ug/l #	28
76) 1,2,3-Trichloropropane	11.079	75	34179	28.456	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	34179	96.577	ug/l #	1
95) Naphthalene	13.780	128	1460	0.427	ug/l #	89

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

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Misc : 5.0mL/MSVOA_X/WATER
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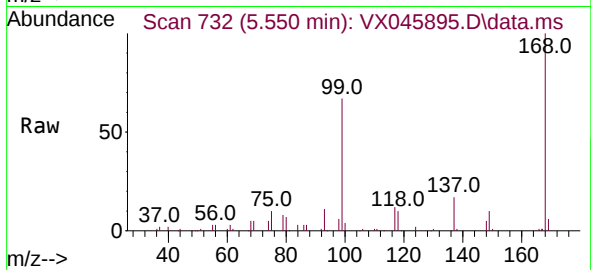
Quant Time: Apr 23 01:36:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
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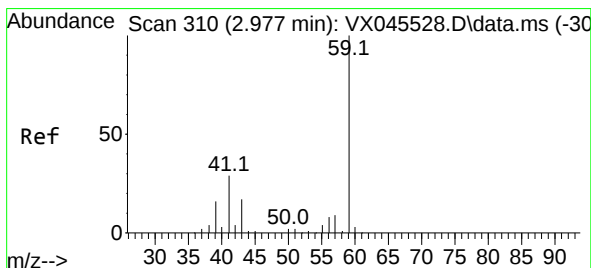
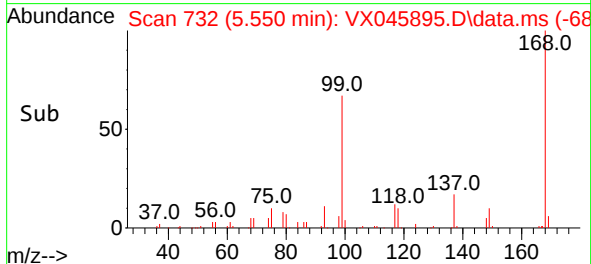
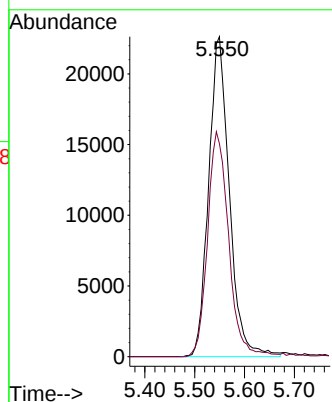


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045895.D
Acq: 22 Apr 2025 19:10

Instrument :
MSVOA_X
ClientSampleId :
PL-714-COMP-14

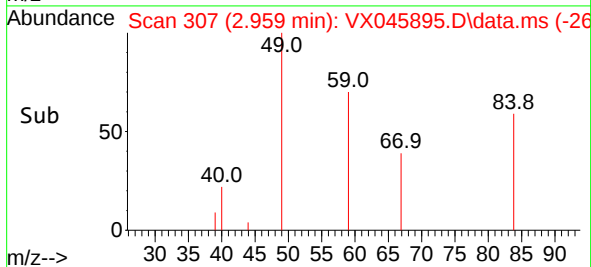
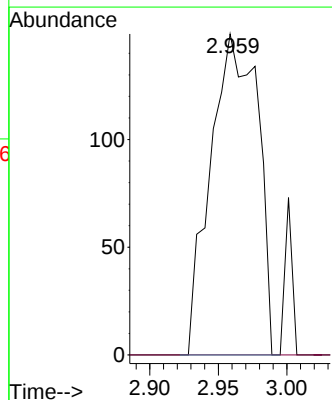
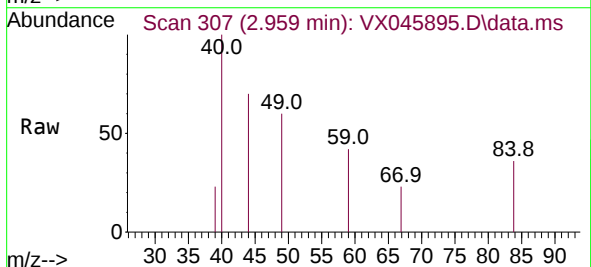


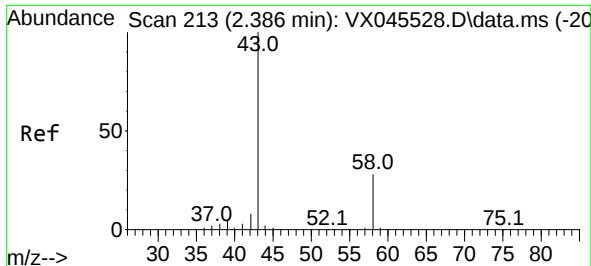
Tgt Ion:168 Resp: 65143
Ion Ratio Lower Upper
168 100
99 66.6 52.3 78.5



#11
Tert butyl alcohol
Concen: 2.224 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.019 min
Lab File: VX045895.D
Acq: 22 Apr 2025 19:10

Tgt Ion: 59 Resp: 356
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

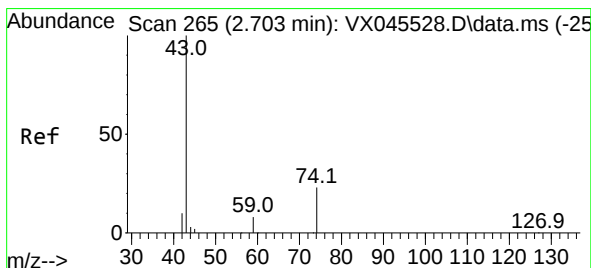
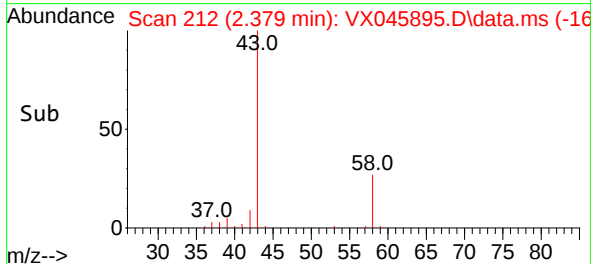
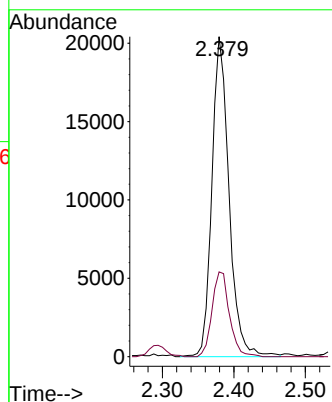
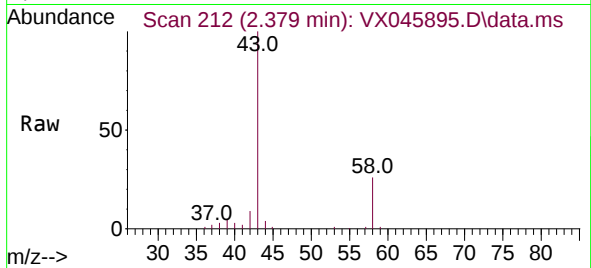




#16
Acetone
Concen: 69.426 ug/l
RT: 2.379 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX045895.D
Acq: 22 Apr 2025 19:10

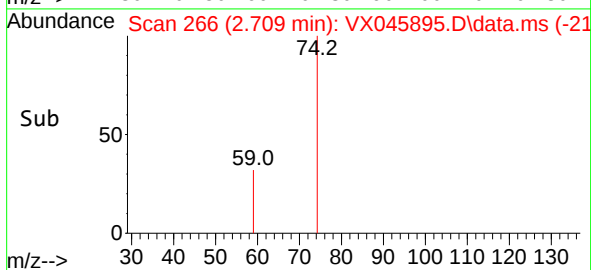
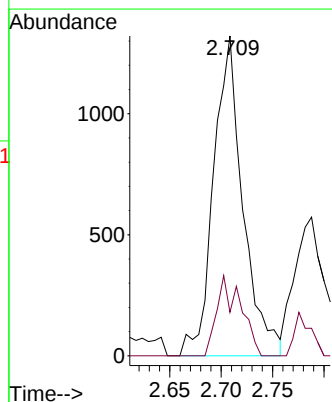
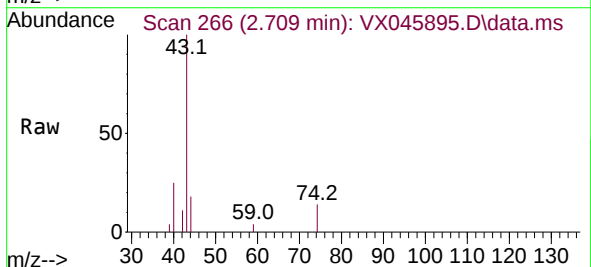
Instrument :
MSVOA_X
ClientSampleId :
PL-714-COMP-14

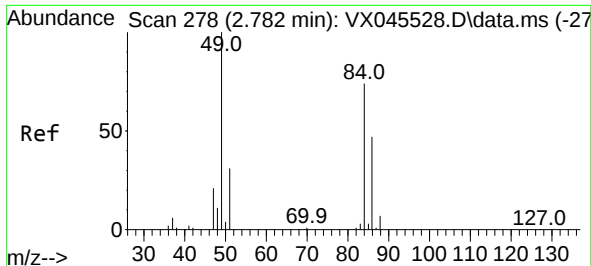
Tgt Ion: 43 Resp: 33962
Ion Ratio Lower Upper
43 100
58 26.5 22.3 33.5



#18
Methyl Acetate
Concen: 2.326 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX045895.D
Acq: 22 Apr 2025 19:10

Tgt Ion: 43 Resp: 2620
Ion Ratio Lower Upper
43 100
74 20.5 17.5 26.3



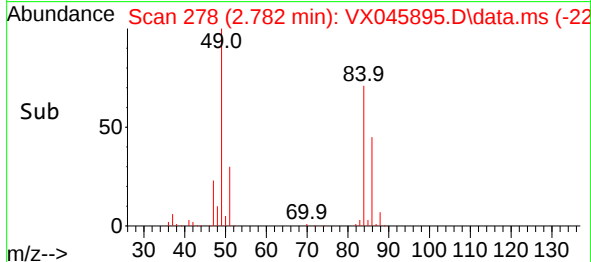
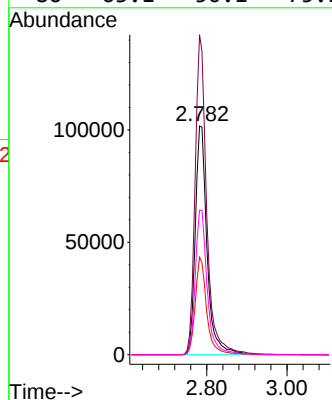
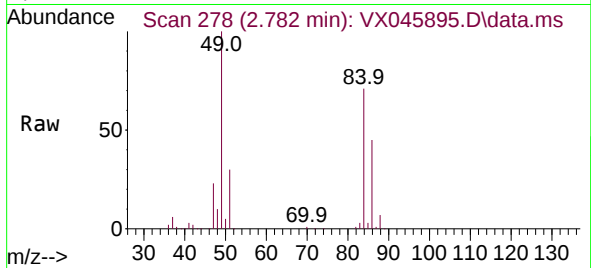


#20
Methylene Chloride
Concen: 227.163 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX045895.D
Acq: 22 Apr 2025 19:10

Instrument :
MSVOA_X
ClientSampleId :
PL-714-COMP-14

Tgt Ion: 84 Resp: 208037

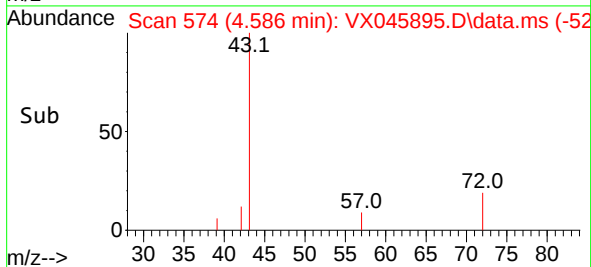
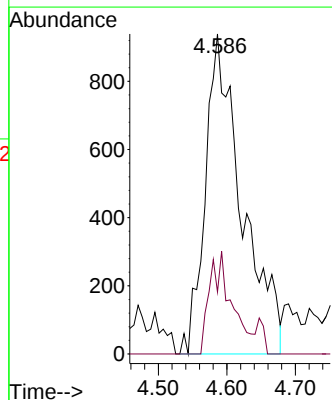
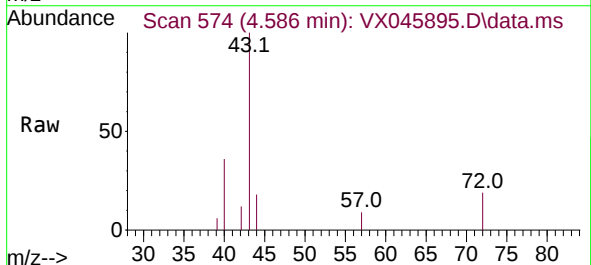
Ion	Ratio	Lower	Upper
84	100		
49	139.9	107.5	161.3
51	42.6	33.0	49.6
86	63.1	50.1	75.1

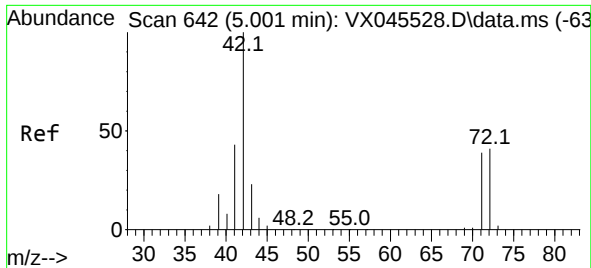


#25
2-Butanone
Concen: 4.857 ug/l
RT: 4.586 min Scan# 574
Delta R.T. 0.030 min
Lab File: VX045895.D
Acq: 22 Apr 2025 19:10

Tgt Ion: 43 Resp: 3478

Ion	Ratio	Lower	Upper
43	100		
72	19.4	18.6	28.0

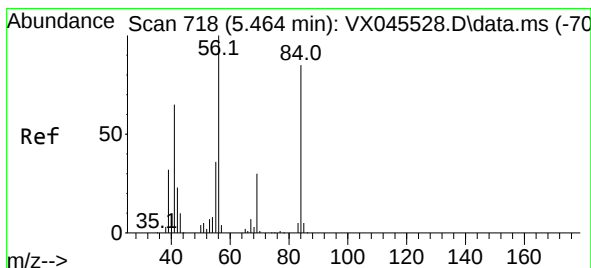
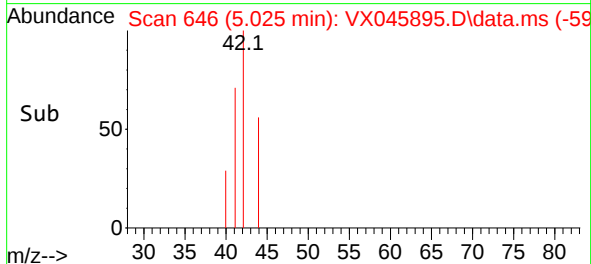
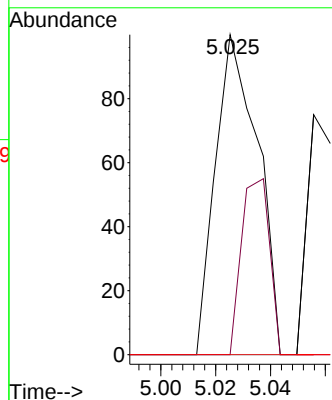
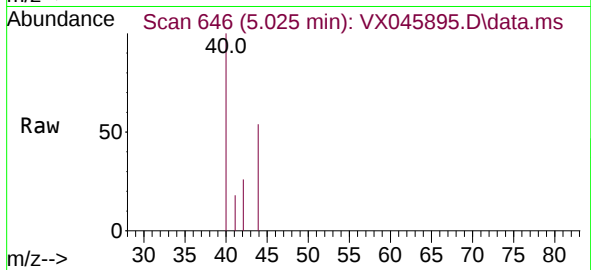




#29
Tetrahydrofuran
Concen: 0.230 ug/l
RT: 5.025 min Scan# 64
Delta R.T. 0.024 min
Lab File: VX045895.D
Acq: 22 Apr 2025 19:10

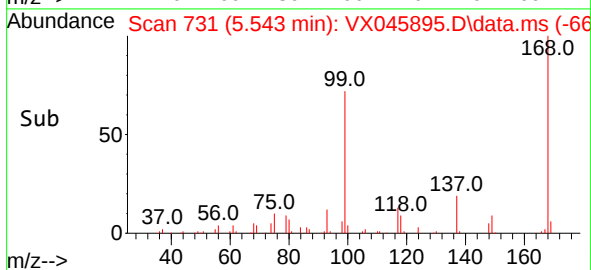
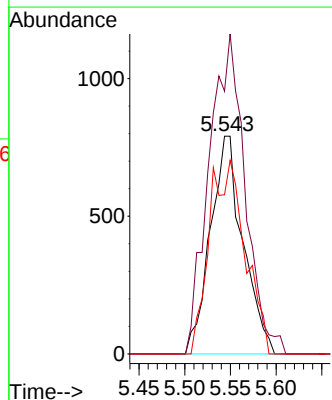
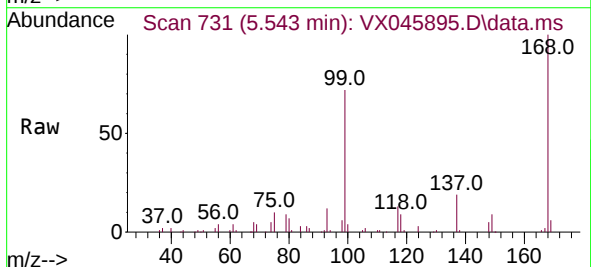
Instrument :
MSVOA_X
ClientSampleId :
PL-714-COMP-14

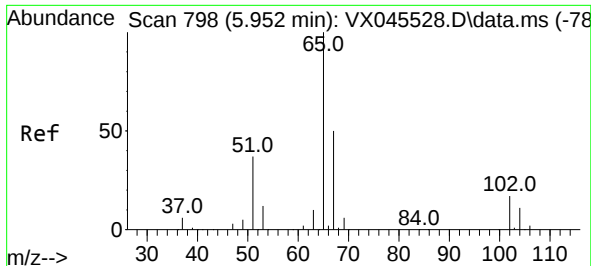
Tgt Ion: 42 Resp: 107
Ion Ratio Lower Upper
42 100
72 36.4 33.4 50.0
71 0.0 31.4 47.0#



#31
Cyclohexane
Concen: 1.342 ug/l
RT: 5.543 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX045895.D
Acq: 22 Apr 2025 19:10

Tgt Ion: 56 Resp: 1961
Ion Ratio Lower Upper
56 100
69 120.6 23.6 35.4#
84 73.1 67.7 101.5





#33

1,2-Dichloroethane-d4

Concen: 53.726 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045895.D

Acq: 22 Apr 2025 19:10

Instrument :

MSVOA_X

ClientSampleId :

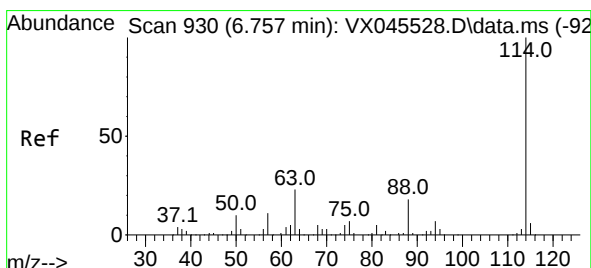
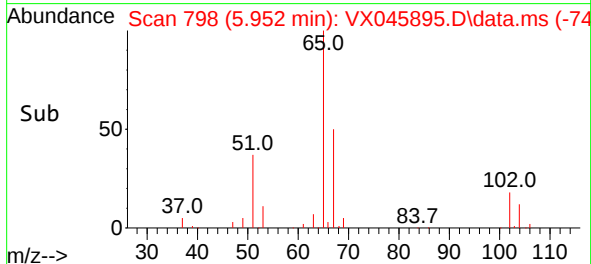
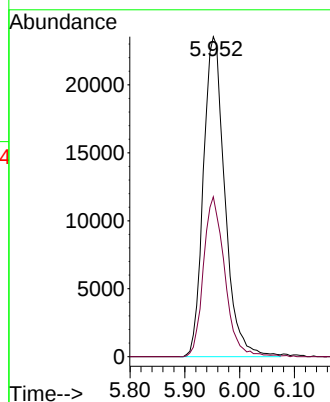
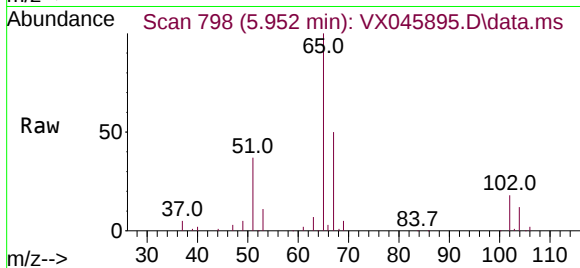
PL-714-COMP-14

Tgt Ion: 65 Resp: 64003

Ion Ratio Lower Upper

65 100

67 49.7 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: VX045895.D

Acq: 22 Apr 2025 19:10

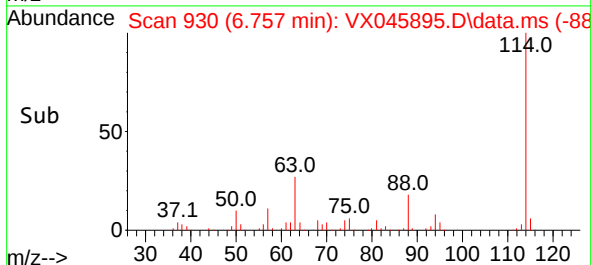
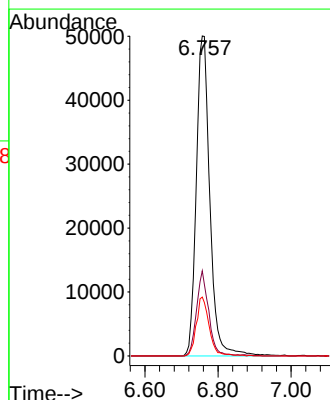
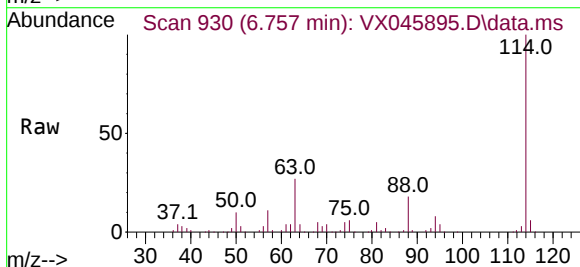
Tgt Ion: 114 Resp: 129542

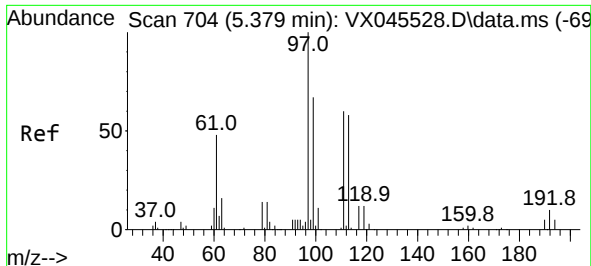
Ion Ratio Lower Upper

114 100

63 26.6 0.0 46.8

88 18.4 0.0 35.4

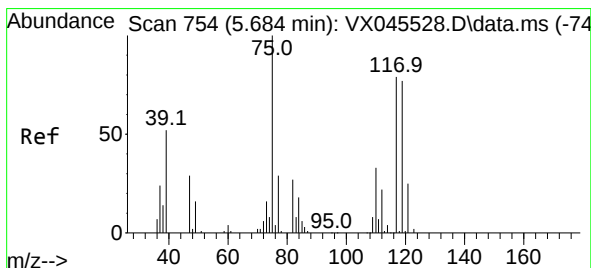
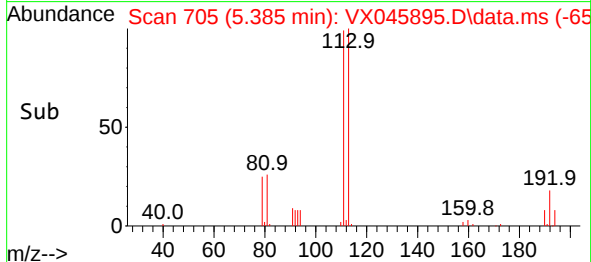
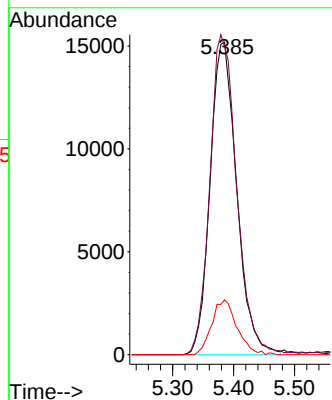
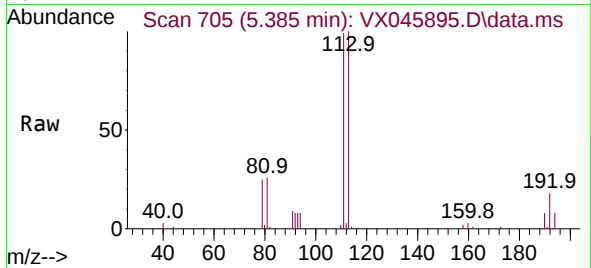




#35
 Dibromofluoromethane
 Concen: 50.103 ug/l
 RT: 5.385 min Scan# 704
 Delta R.T. 0.006 min
 Lab File: VX045895.D
 Acq: 22 Apr 2025 19:10

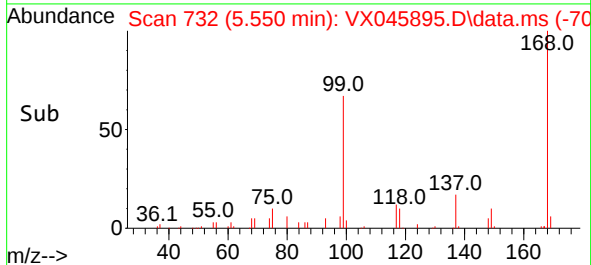
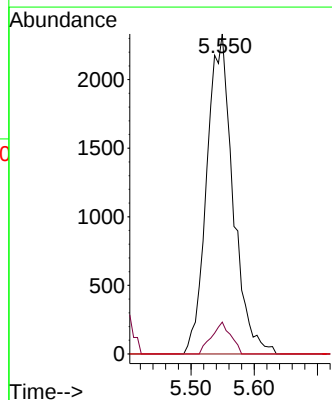
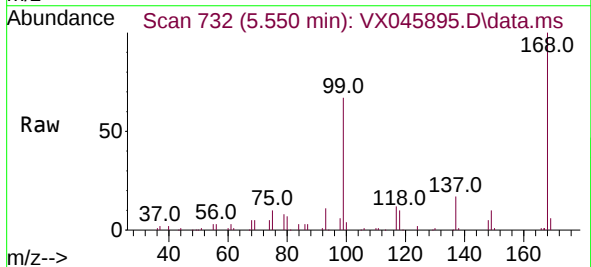
Instrument :
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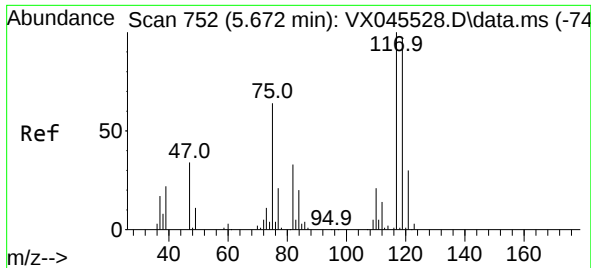
Tgt Ion:113 Resp: 46050
 Ion Ratio Lower Upper
 113 100
 111 103.6 81.8 122.6
 192 16.6 13.8 20.6



#36
 1,1-Dichloropropene
 Concen: 5.406 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. -0.134 min
 Lab File: VX045895.D
 Acq: 22 Apr 2025 19:10

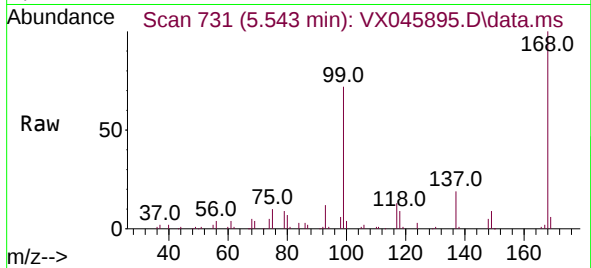
Tgt Ion: 75 Resp: 6709
 Ion Ratio Lower Upper
 75 100
 110 7.2 16.9 50.6#
 77 0.0 25.0 37.4#



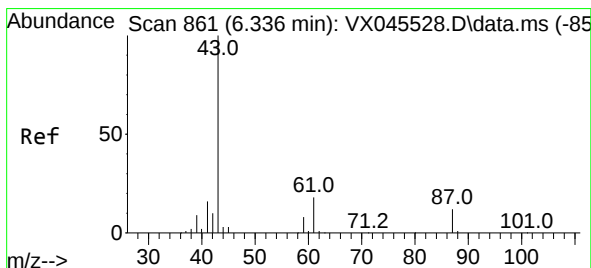
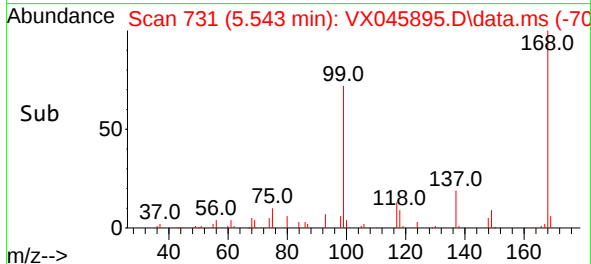
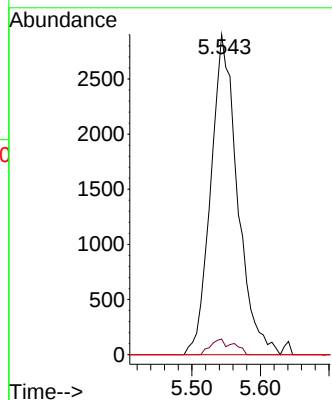


#38
Carbon Tetrachloride
Concen: 5.886 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX045895.D
Acq: 22 Apr 2025 19:10

Instrument :
MSVOA_X
ClientSampleId :
PL-714-COMP-14

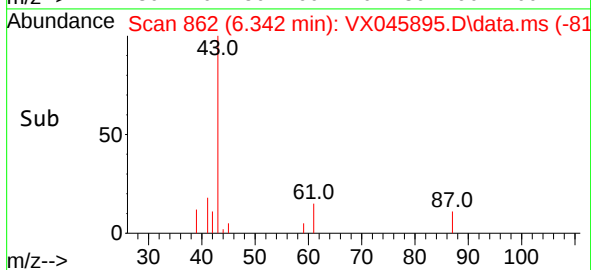
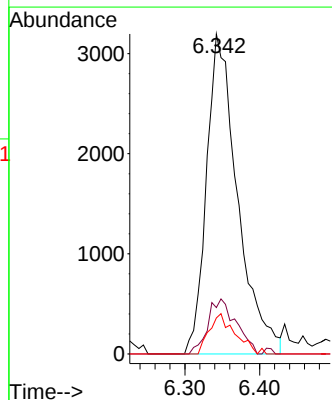
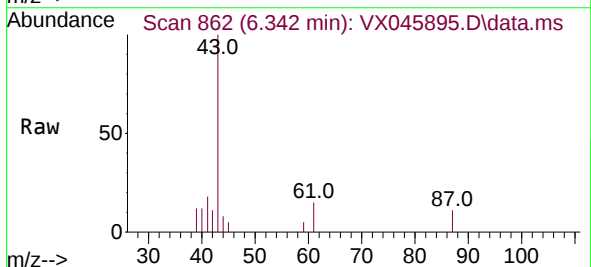


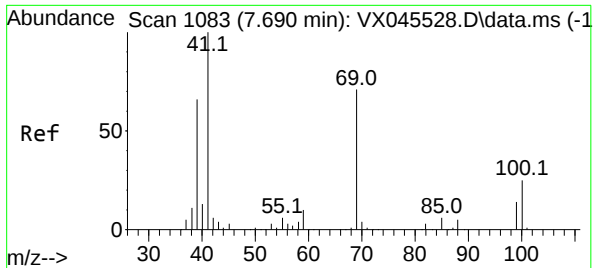
Tgt Ion:117 Resp: 7894
Ion Ratio Lower Upper
117 100
119 4.9 76.9 115.3#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 3.889 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX045895.D
Acq: 22 Apr 2025 19:10

Tgt Ion: 43 Resp: 9217
Ion Ratio Lower Upper
43 100
61 15.7 14.1 21.1
87 10.5 9.2 13.8

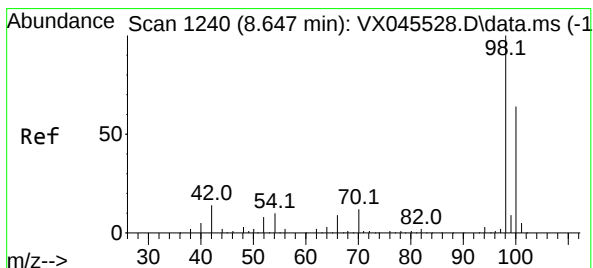
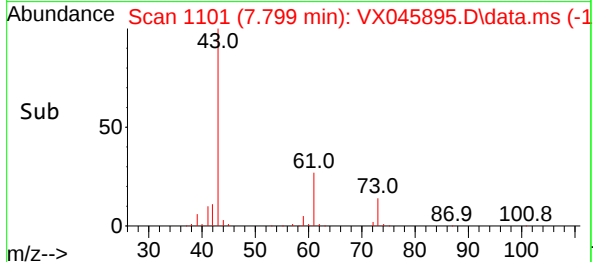
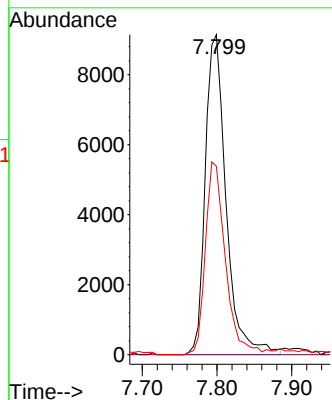
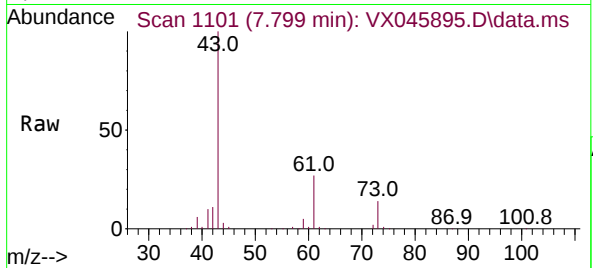




#48
Methyl methacrylate
Concen: 14.412 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.109 min
Lab File: VX045895.D
Acq: 22 Apr 2025 19:10

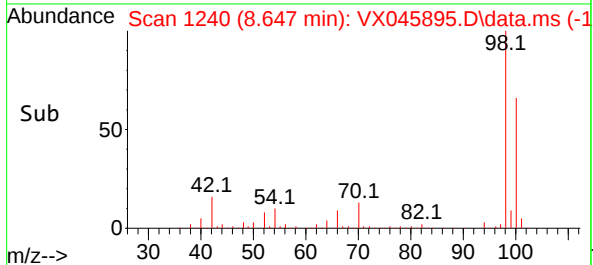
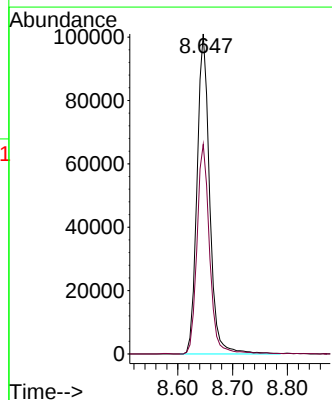
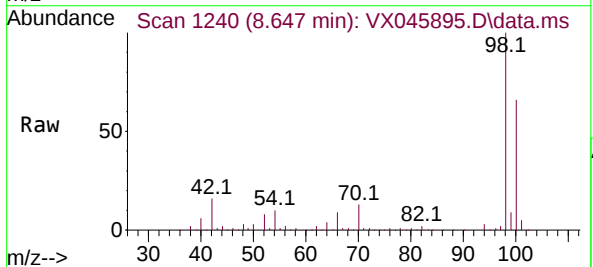
Instrument :
MSVOA_X
ClientSampleId :
PL-714-COMP-14

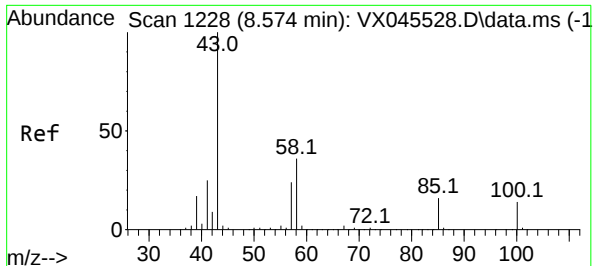
Tgt Ion: 41 Resp: 17638
Ion Ratio Lower Upper
41 100
69 0.0 58.2 87.2#
39 58.5 53.6 80.4



#50
Toluene-d8
Concen: 50.394 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045895.D
Acq: 22 Apr 2025 19:10

Tgt Ion: 98 Resp: 161665
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.4

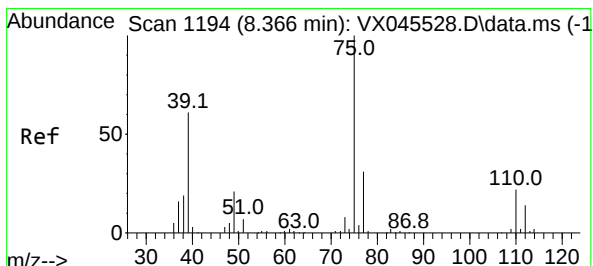
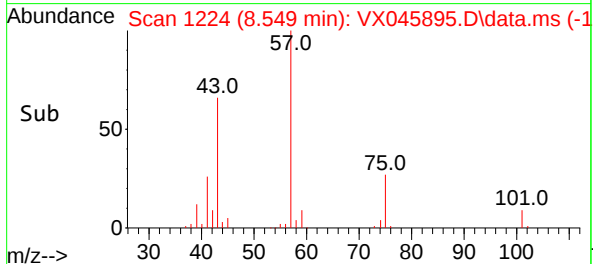
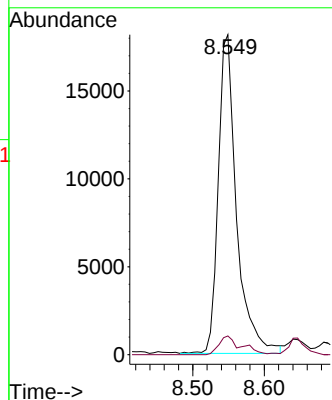
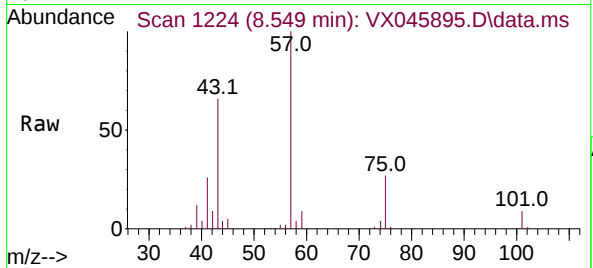




#51
4-Methyl-2-Pentanone
Concen: 20.482 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.025 min
Lab File: VX045895.D
Acq: 22 Apr 2025 19:10

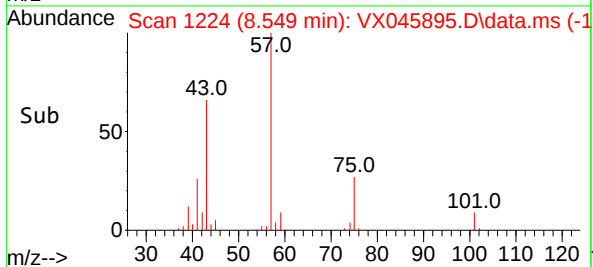
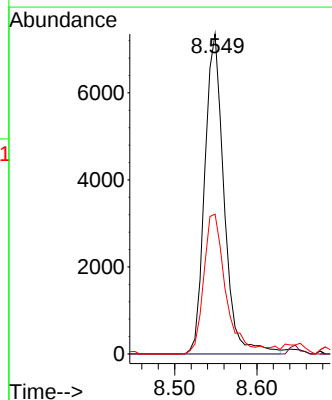
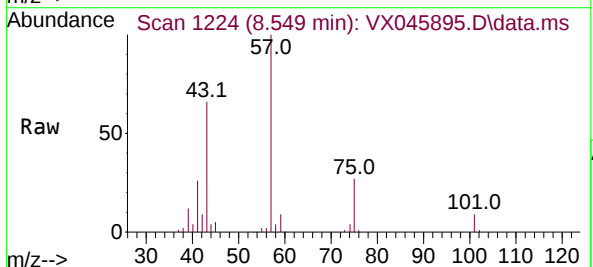
Instrument :
MSVOA_X
ClientSampleId :
PL-714-COMP-14

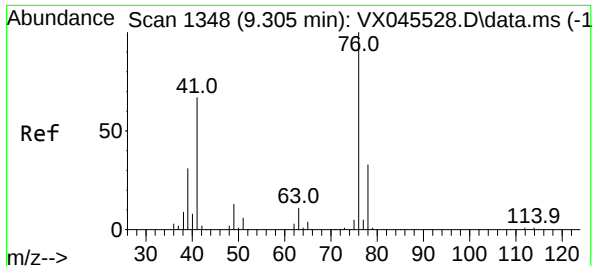
Tgt Ion: 43 Resp: 32183
Ion Ratio Lower Upper
43 100
58 5.3 28.5 42.7#



#54
cis-1,3-Dichloropropene
Concen: 8.793 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX045895.D
Acq: 22 Apr 2025 19:10

Tgt Ion: 75 Resp: 11979
Ion Ratio Lower Upper
75 100
77 0.0 24.6 36.8#
39 43.7 48.4 72.6#





#57

1,3-Dichloropropane

Concen: 0.428 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.177 min

Lab File: VX045895.D

Acq: 22 Apr 2025 19:10

Instrument :

MSVOA_X

ClientSampleId :

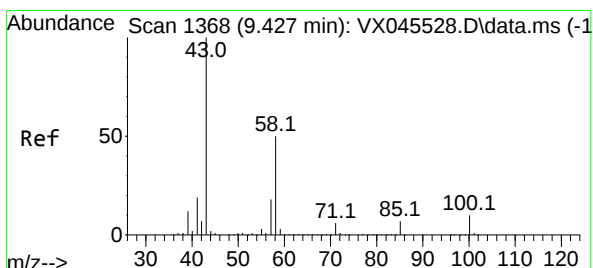
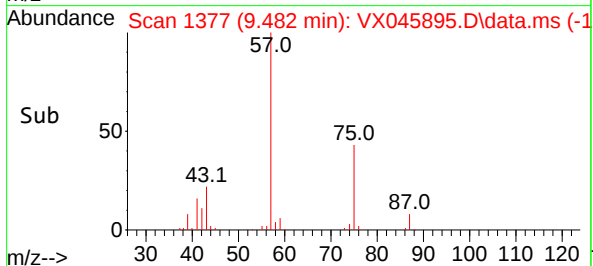
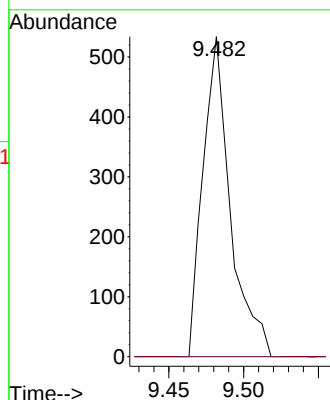
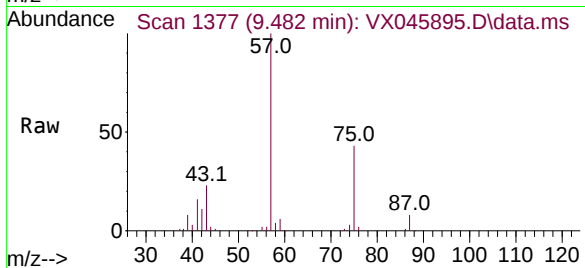
PL-714-COMP-14

Tgt Ion: 76 Resp: 681

Ion Ratio Lower Upper

76 100

78 0.0 26.0 39.0#



#59

2-Hexanone

Concen: 7.062 ug/l

RT: 9.378 min Scan# 1360

Delta R.T. -0.049 min

Lab File: VX045895.D

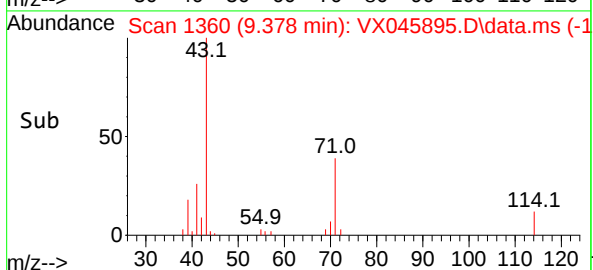
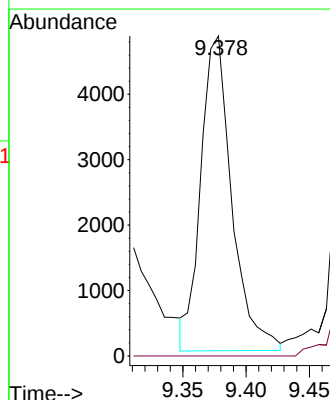
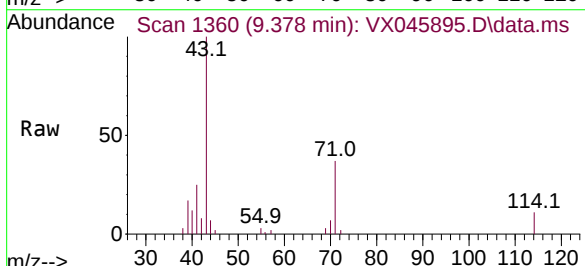
Acq: 22 Apr 2025 19:10

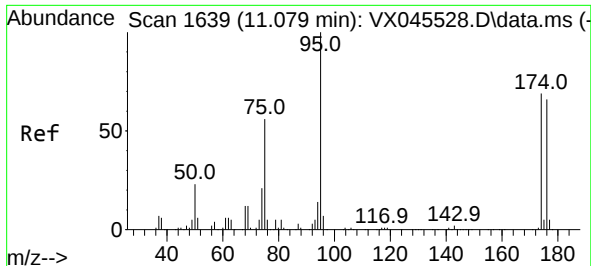
Tgt Ion: 43 Resp: 8217

Ion Ratio Lower Upper

43 100

58 0.0 24.9 74.6#

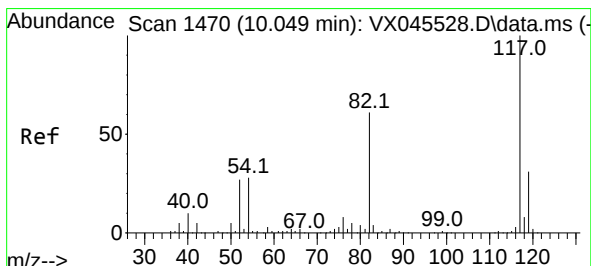
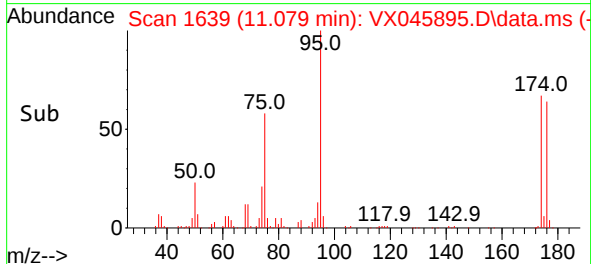
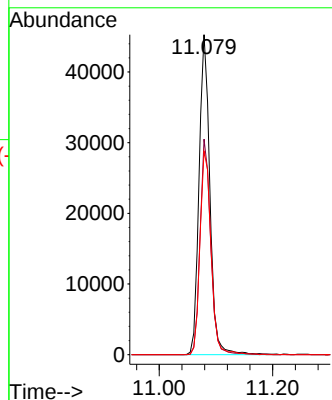
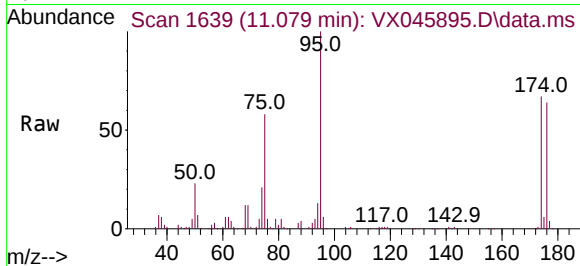




#62
4-Bromofluorobenzene
Concen: 51.322 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045895.D
Acq: 22 Apr 2025 19:10

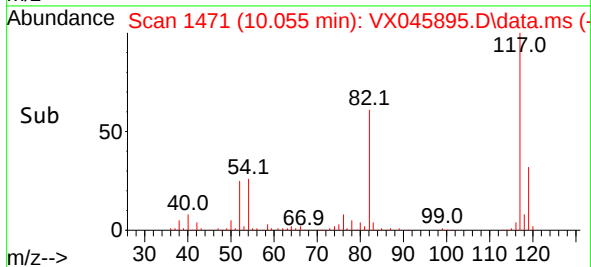
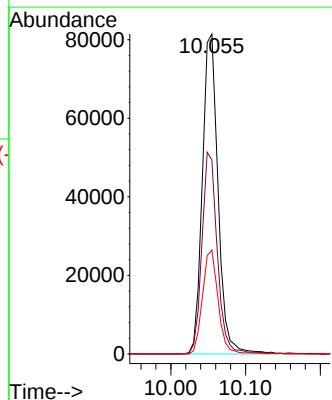
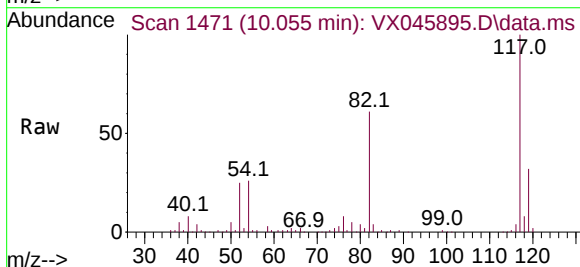
Instrument :
MSVOA_X
ClientSampleId :
PL-714-COMP-14

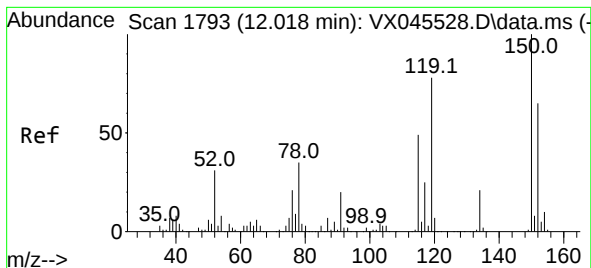
Tgt Ion: 95 Resp: 59971
Ion Ratio Lower Upper
95 100
174 66.1 0.0 135.8
176 65.2 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX045895.D
Acq: 22 Apr 2025 19:10

Tgt Ion: 117 Resp: 118970
Ion Ratio Lower Upper
117 100
82 60.7 49.2 73.8
119 32.4 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: VX045895.D

Acq: 22 Apr 2025 19:10

Instrument :

MSVOA_X

ClientSampleId :

PL-714-COMP-14

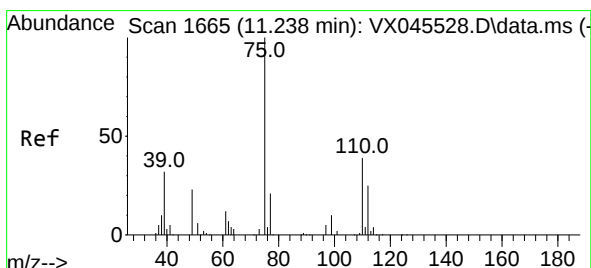
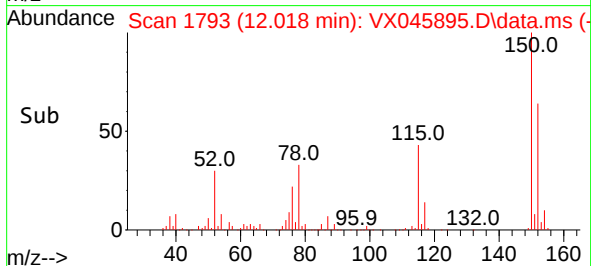
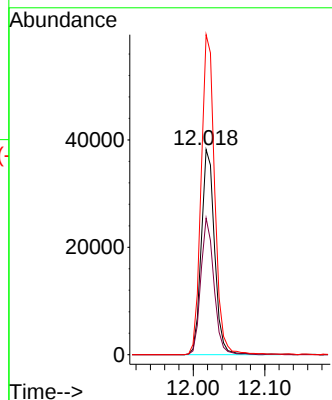
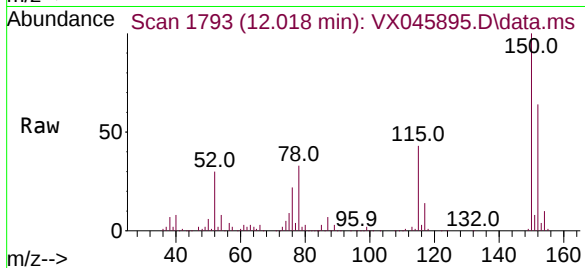
Tgt Ion:152 Resp: 49241

Ion Ratio Lower Upper

152 100

115 65.7 46.9 140.7

150 159.2 0.0 349.4



#76

1,2,3-Trichloropropane

Concen: 28.456 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX045895.D

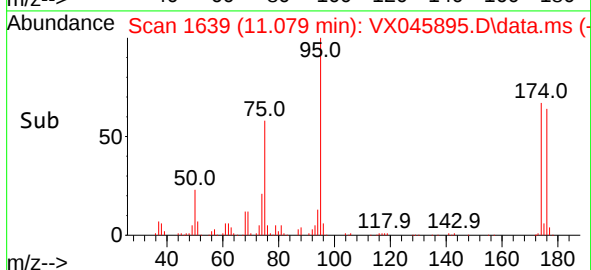
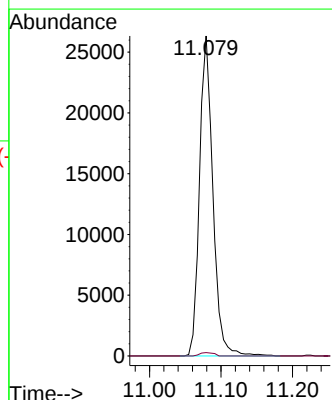
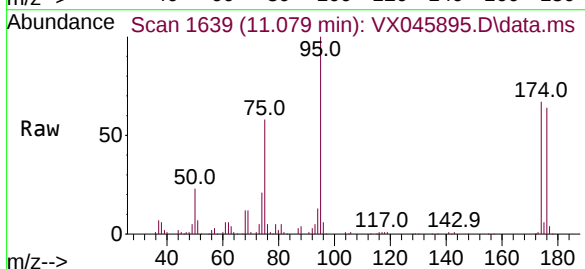
Acq: 22 Apr 2025 19:10

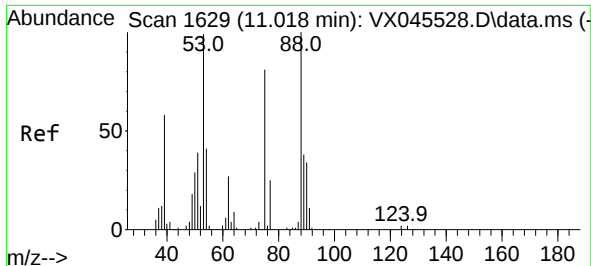
Tgt Ion: 75 Resp: 34179

Ion Ratio Lower Upper

75 100

77 1.1 20.0 59.9#

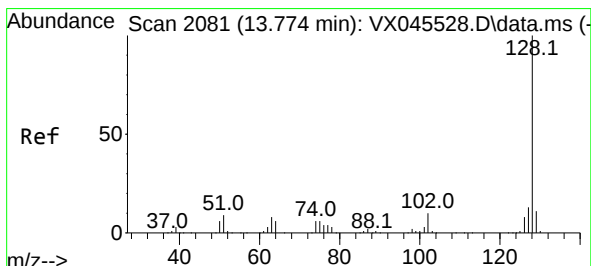
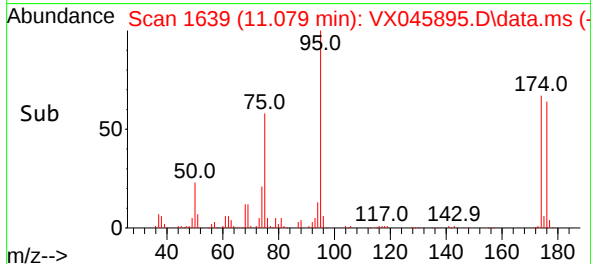
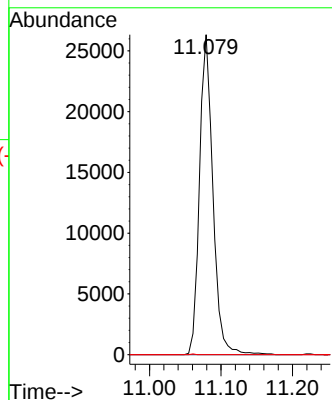
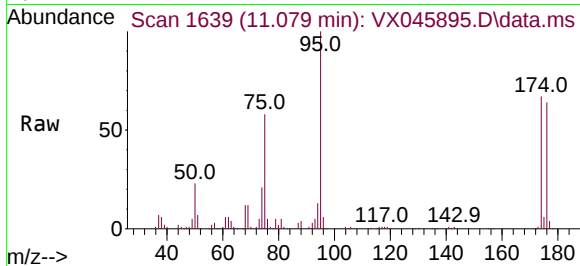




#81
trans-1,4-Dichloro-2-butene
Concen: 96.577 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045895.D
Acq: 22 Apr 2025 19:10

Instrument :
MSVOA_X
ClientSampleId :
PL-714-COMP-14

Tgt Ion: 75 Resp: 34179
Ion Ratio Lower Upper
75 100
53 0.0 101.8 152.6#
89 0.1 37.2 55.8#



#95
Naphthalene
Concen: 0.427 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX045895.D
Acq: 22 Apr 2025 19:10

Tgt Ion: 128 Resp: 1460
Ion Ratio Lower Upper
128 100
127 8.8 10.3 15.5#
129 5.9 8.6 12.8#

