

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042225\
 Data File : VX045891.D
 Acq On : 22 Apr 2025 17:36
 Operator : JC/MD
 Sample : Q1842-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PL-714-COMP-10

Quant Time: Apr 23 01:36:05 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)

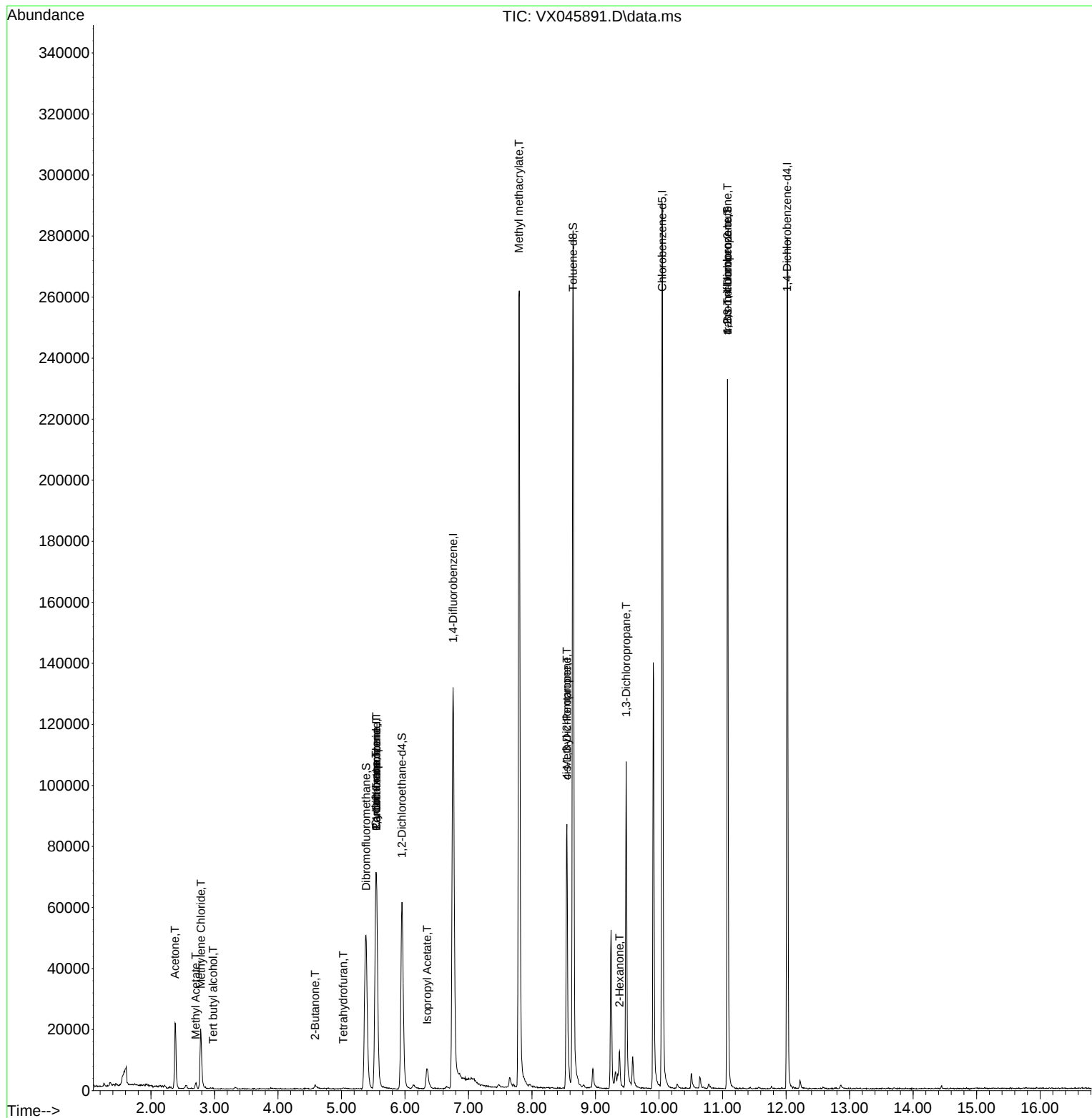
Internal Standards						
1) Pentafluorobenzene	5.550	168	63079	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	126551	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	120075	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	50663	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62676	54.333	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.660%			
35) Dibromofluoromethane	5.385	113	44917	50.026	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.060%			
50) Toluene-d8	8.647	98	159187	50.794	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.580%			
62) 4-Bromofluorobenzene	11.079	95	60134	52.678	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.360%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.977	59	143	0.922	ug/l #	72
16) Acetone	2.380	43	24206	51.102	ug/l	95
18) Methyl Acetate	2.703	43	2518	2.309	ug/l #	90
20) Methylene Chloride	2.788	84	9072	10.230	ug/l	86
25) 2-Butanone	4.586	43	2809	4.051	ug/l #	88
29) Tetrahydrofuran	5.025	42	147	0.327	ug/l #	49
31) Cyclohexane	5.544	56	2046	1.446	ug/l #	47
36) 1,1-Dichloropropene	5.550	75	6253	5.158	ug/l #	49
38) Carbon Tetrachloride	5.550	117	7521	5.740	ug/l #	14
43) Isopropyl Acetate	6.348	43	10735	4.636	ug/l	98
48) Methyl methacrylate	7.793	41	26506	22.170	ug/l #	50
51) 4-Methyl-2-Pentanone	8.549	43	33944	22.113	ug/l #	51
54) cis-1,3-Dichloropropene	8.549	75	13629	10.241	ug/l #	62
57) 1,3-Dichloropropane	9.482	76	902	0.580	ug/l #	42
59) 2-Hexanone	9.378	43	9830	8.648	ug/l #	28
76) 1,2,3-Trichloropropane	11.079	75	35297	28.562	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	35297	96.937	ug/l #	1

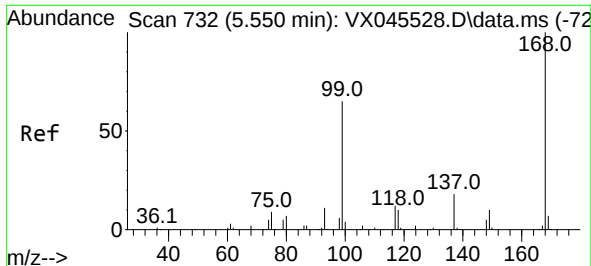
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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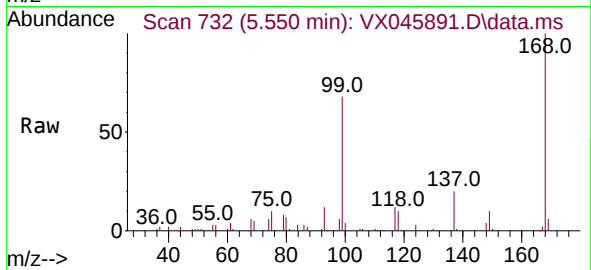
Quant Time: Apr 23 01:36:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
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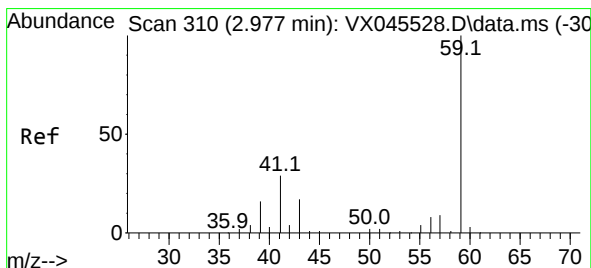
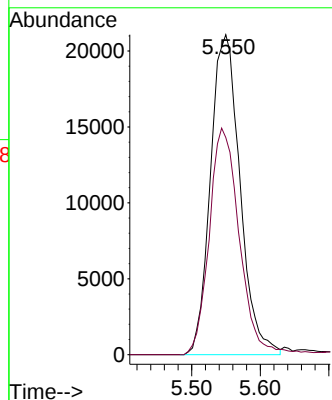
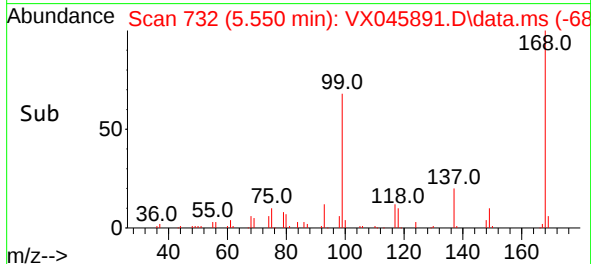


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX045891.D
Acq: 22 Apr 2025 17:36

Instrument :
MSVOA_X
ClientSampleId :
PL-714-COMP-10

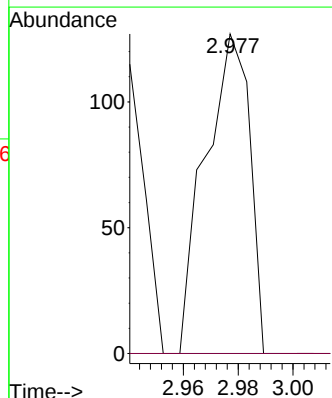
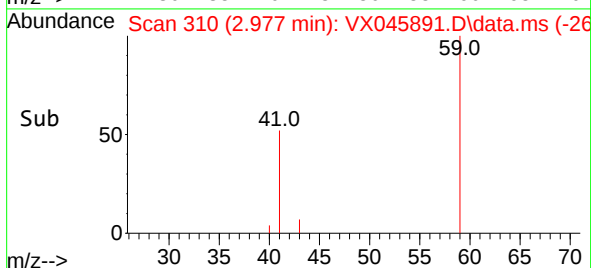
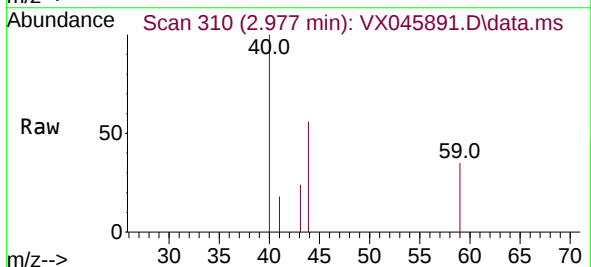


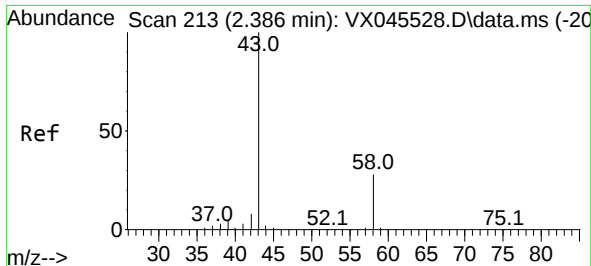
Tgt Ion:168 Resp: 63079
Ion Ratio Lower Upper
168 100
99 67.8 52.3 78.5



#11
Tert butyl alcohol
Concen: 0.922 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.000 min
Lab File: VX045891.D
Acq: 22 Apr 2025 17:36

Tgt Ion: 59 Resp: 143
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

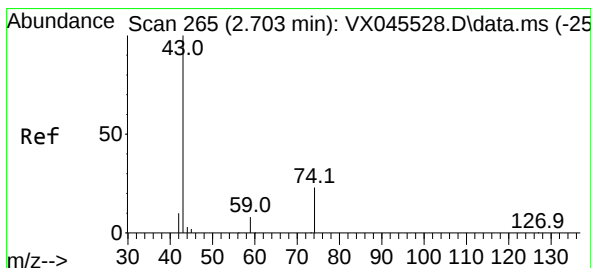
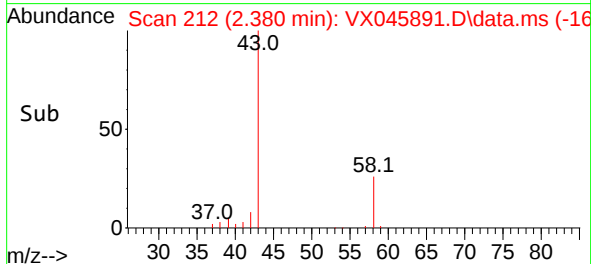
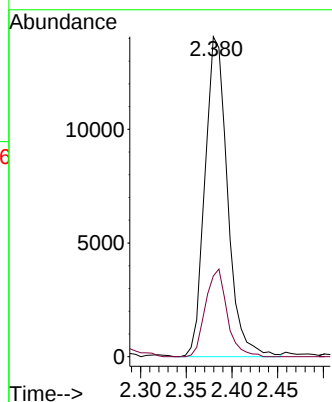
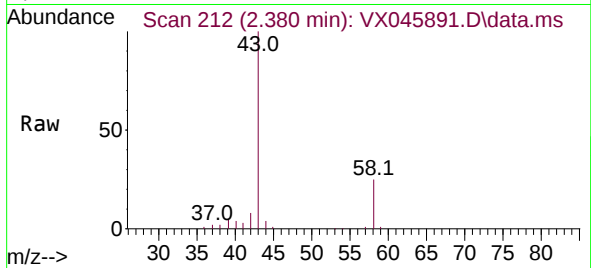




#16
Acetone
Concen: 51.102 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX045891.D
Acq: 22 Apr 2025 17:36

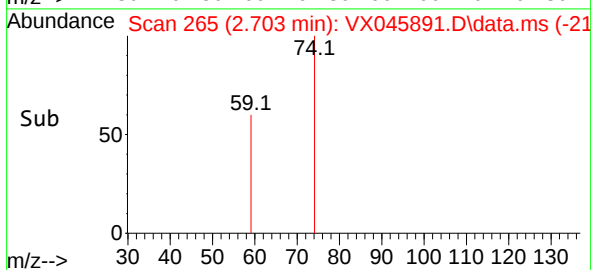
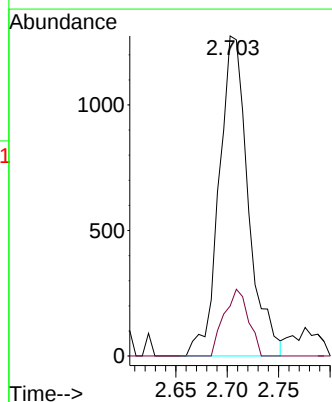
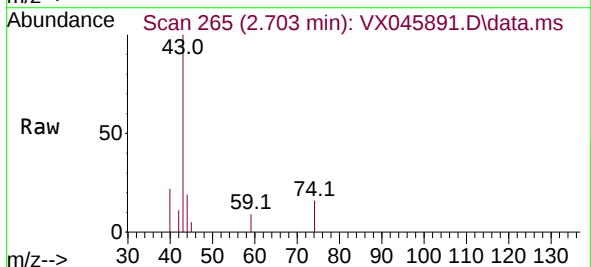
Instrument :
MSVOA_X
ClientSampleId :
PL-714-COMP-10

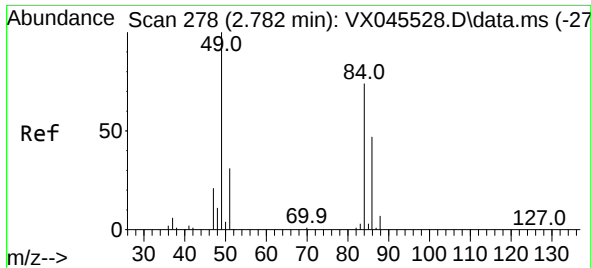
Tgt Ion: 43 Resp: 24206
Ion Ratio Lower Upper
43 100
58 25.2 22.3 33.5



#18
Methyl Acetate
Concen: 2.309 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX045891.D
Acq: 22 Apr 2025 17:36

Tgt Ion: 43 Resp: 2518
Ion Ratio Lower Upper
43 100
74 17.4 17.5 26.3#

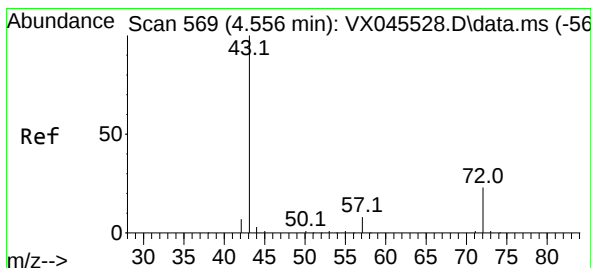
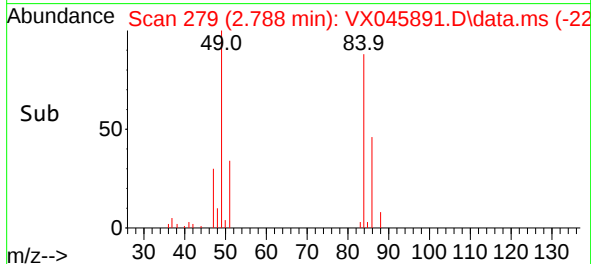
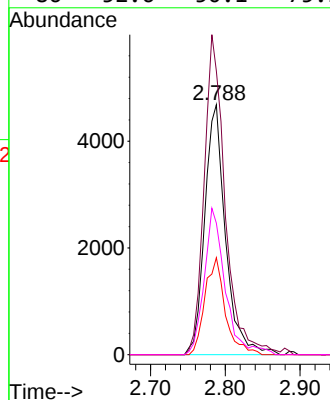
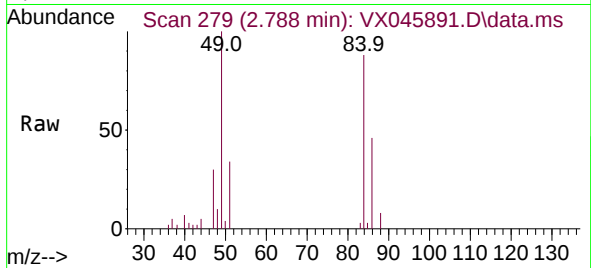




#20
Methylene Chloride
Concen: 10.230 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX045891.D
Acq: 22 Apr 2025 17:36

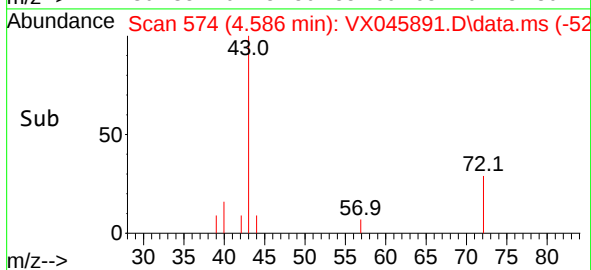
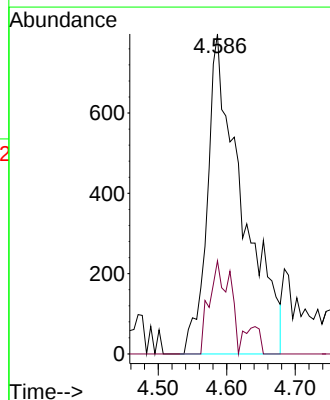
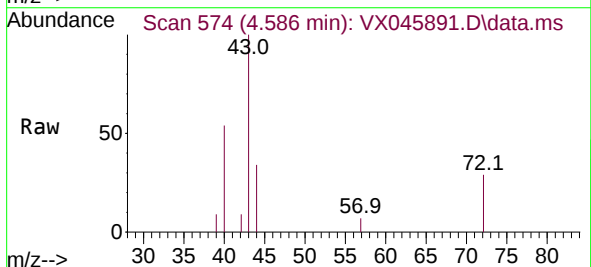
Instrument :
MSVOA_X
ClientSampleId :
PL-714-COMP-10

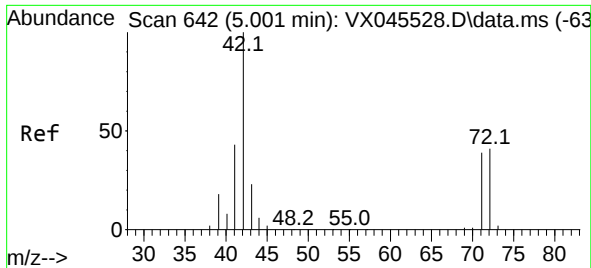
Tgt Ion:	84	Resp:	9072
Ion	Ratio	Lower	Upper
84	100		
49	113.5	107.5	161.3
51	38.8	33.0	49.6
86	52.6	50.1	75.1



#25
2-Butanone
Concen: 4.051 ug/l
RT: 4.586 min Scan# 574
Delta R.T. 0.030 min
Lab File: VX045891.D
Acq: 22 Apr 2025 17:36

Tgt Ion:	43	Resp:	2809
Ion	Ratio	Lower	Upper
43	100		
72	29.1	18.6	28.0#





#29

Tetrahydrofuran

Concen: 0.327 ug/l

RT: 5.025 min Scan# 642

Delta R.T. 0.024 min

Lab File: VX045891.D

Acq: 22 Apr 2025 17:36

Instrument :

MSVOA_X

ClientSampleId :

PL-714-COMP-10

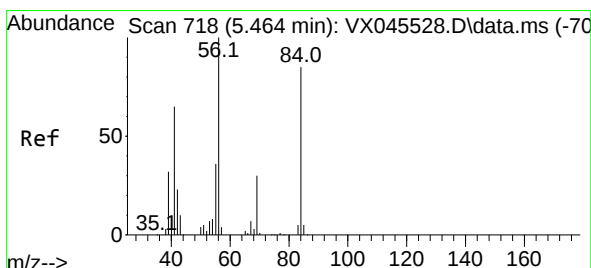
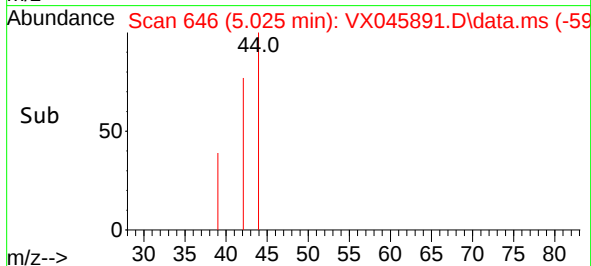
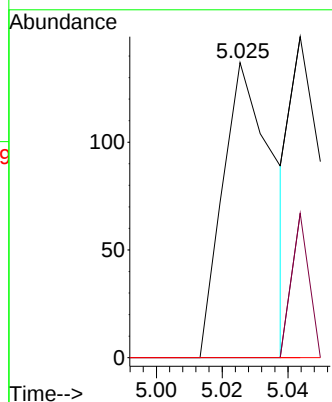
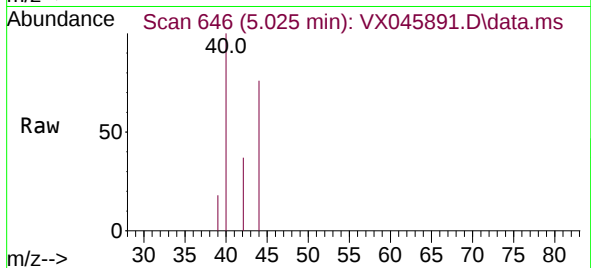
Tgt Ion: 42 Resp: 147

Ion Ratio Lower Upper

42 100

72 17.0 33.4 50.0#

71 0.0 31.4 47.0#



#31

Cyclohexane

Concen: 1.446 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.079 min

Lab File: VX045891.D

Acq: 22 Apr 2025 17:36

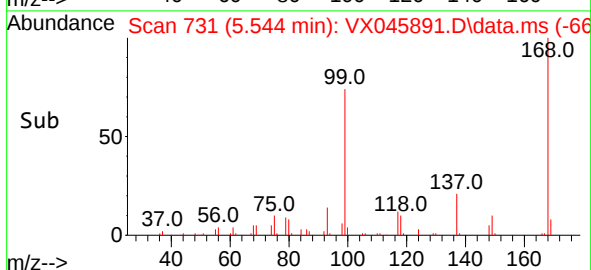
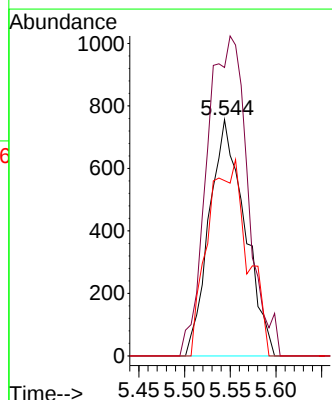
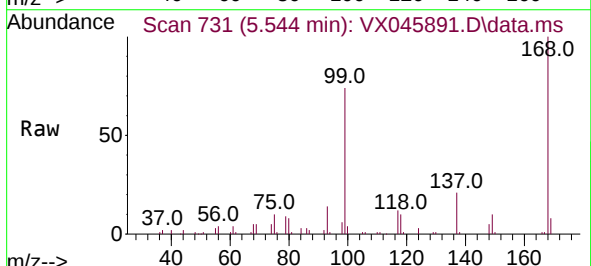
Tgt Ion: 56 Resp: 2046

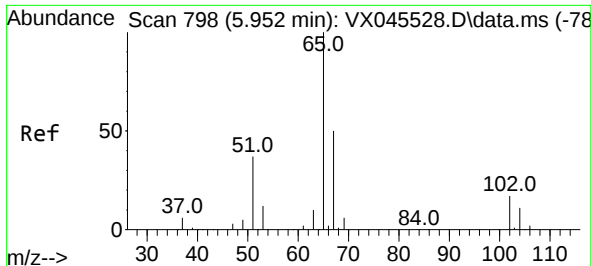
Ion Ratio Lower Upper

56 100

69 122.1 23.6 35.4#

84 74.2 67.7 101.5





#33

1,2-Dichloroethane-d4

Concen: 54.333 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045891.D

Acq: 22 Apr 2025 17:36

Instrument :

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ClientSampleId :

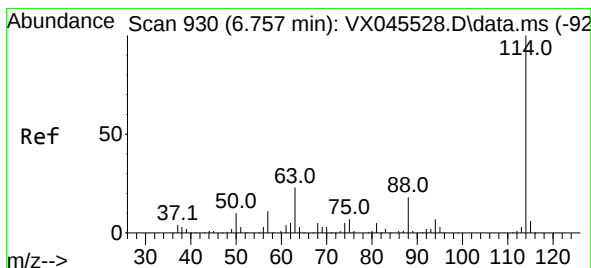
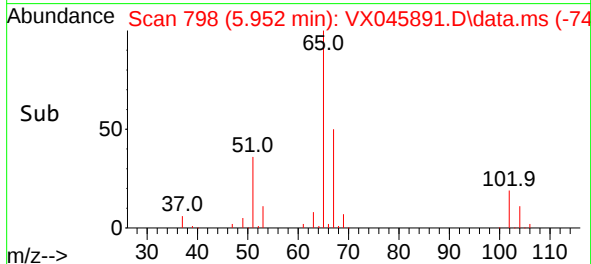
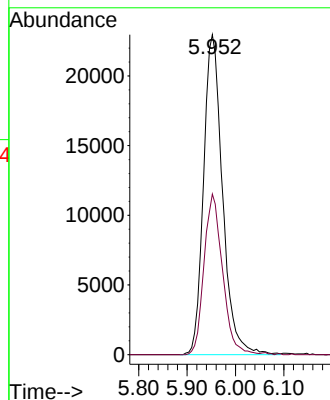
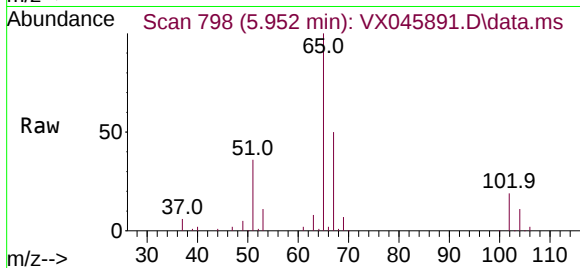
PL-714-COMP-10

Tgt Ion: 65 Resp: 62676

Ion Ratio Lower Upper

65 100

67 48.9 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: VX045891.D

Acq: 22 Apr 2025 17:36

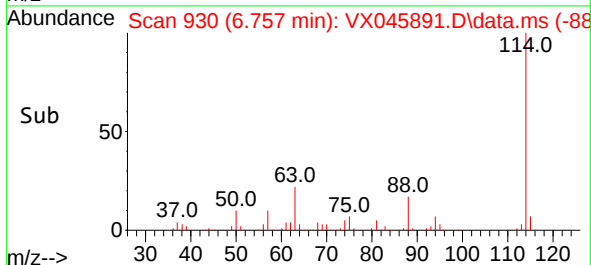
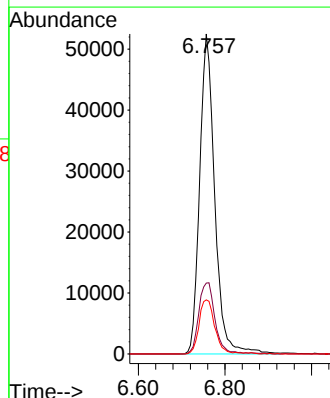
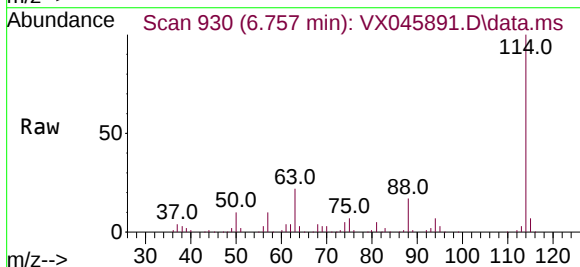
Tgt Ion: 114 Resp: 126551

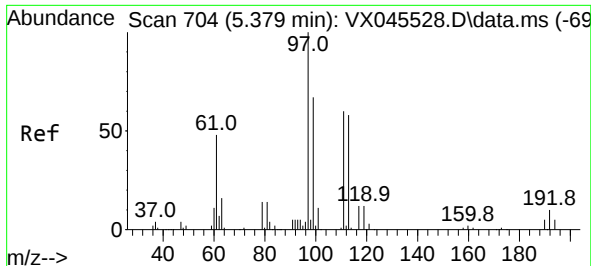
Ion Ratio Lower Upper

114 100

63 22.2 0.0 46.8

88 16.9 0.0 35.4

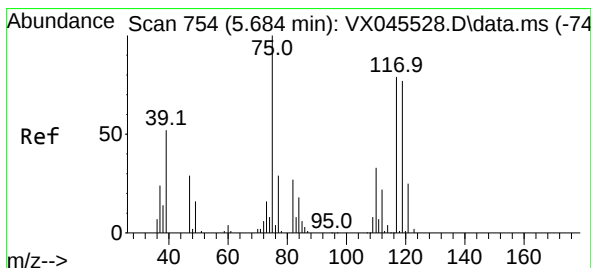
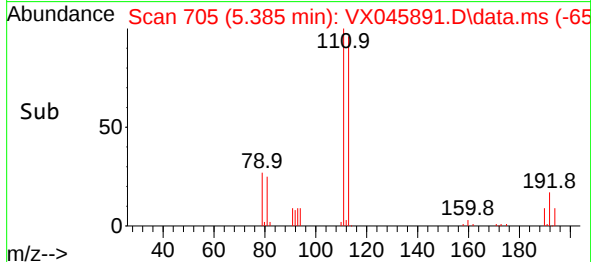
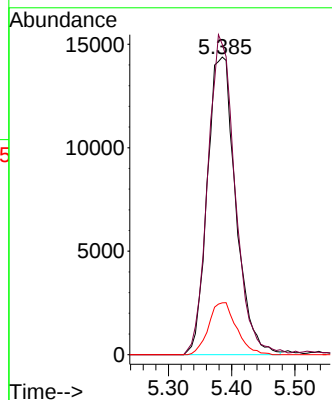
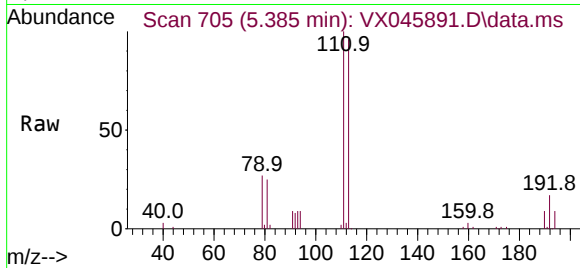




#35
Dibromofluoromethane
Concen: 50.026 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX045891.D
Acq: 22 Apr 2025 17:36

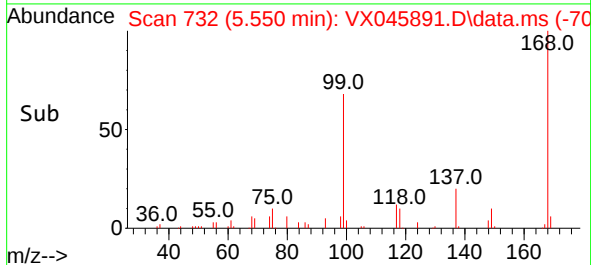
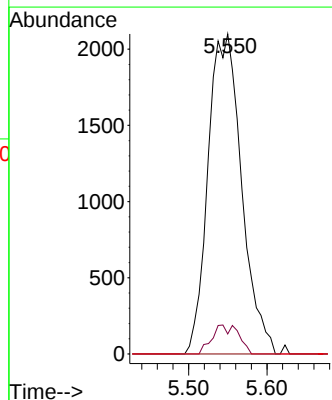
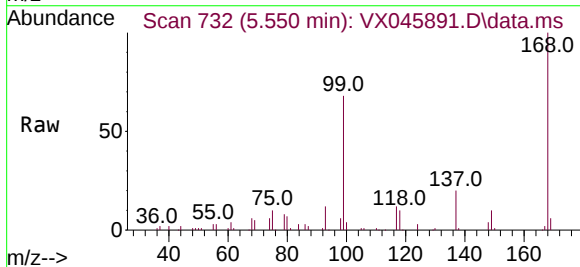
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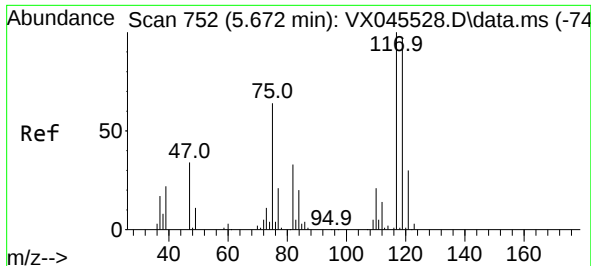
Tgt Ion:113 Resp: 44917
Ion Ratio Lower Upper
113 100
111 103.3 81.8 122.6
192 17.1 13.8 20.6



#36
1,1-Dichloropropene
Concen: 5.158 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX045891.D
Acq: 22 Apr 2025 17:36

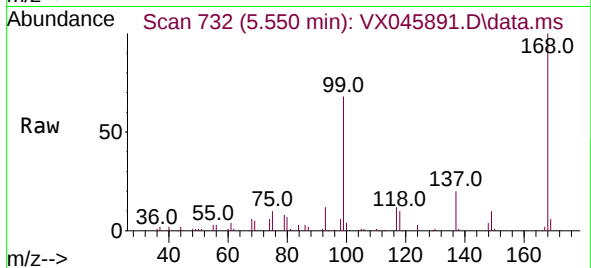
Tgt Ion: 75 Resp: 6253
Ion Ratio Lower Upper
75 100
110 7.1 16.9 50.6#
77 0.0 25.0 37.4#



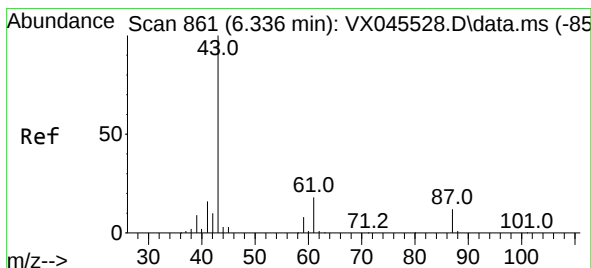
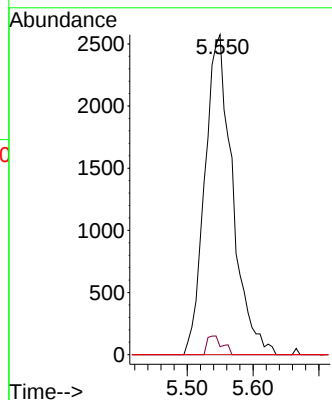
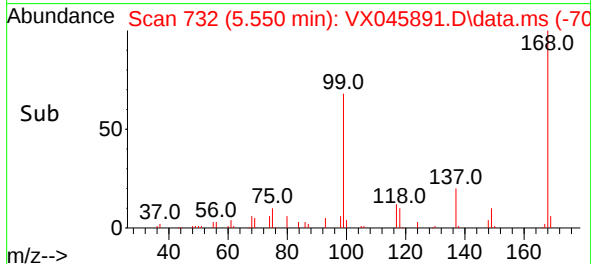


#38
Carbon Tetrachloride
Concen: 5.740 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX045891.D
Acq: 22 Apr 2025 17:36

Instrument :
MSVOA_X
ClientSampleId :
PL-714-COMP-10

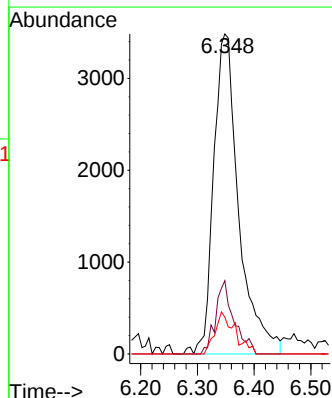
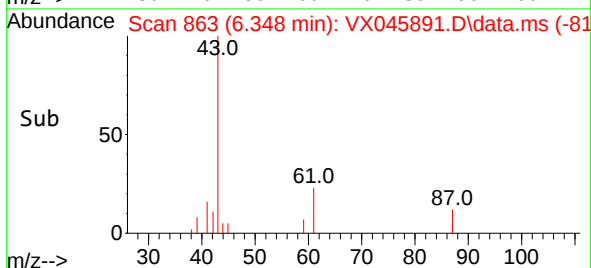
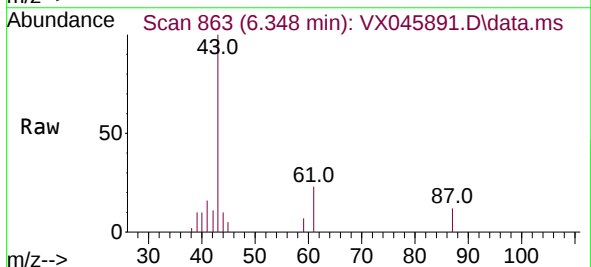


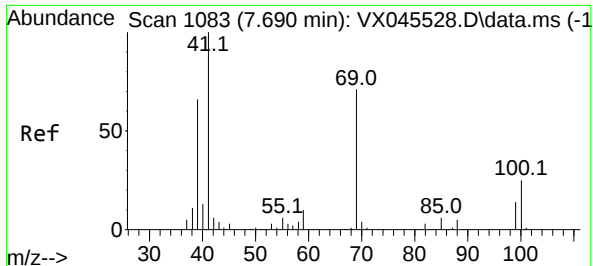
Tgt Ion:117 Resp: 7521
Ion Ratio Lower Upper
117 100
119 2.5 76.9 115.3#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 4.636 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.012 min
Lab File: VX045891.D
Acq: 22 Apr 2025 17:36

Tgt Ion: 43 Resp: 10735
Ion Ratio Lower Upper
43 100
61 16.8 14.1 21.1
87 10.4 9.2 13.8





#48

Methyl methacrylate

Concen: 22.170 ug/l

RT: 7.793 min Scan# 1100

Delta R.T. 0.104 min

Lab File: VX045891.D

Acq: 22 Apr 2025 17:36

Instrument :

MSVOA_X

ClientSampleId :

PL-714-COMP-10

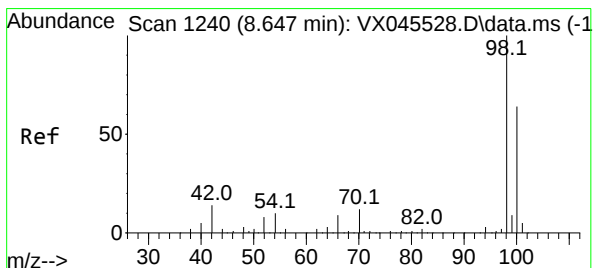
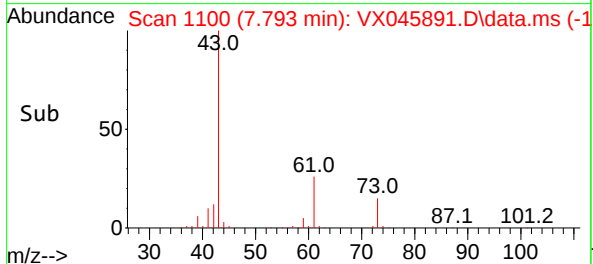
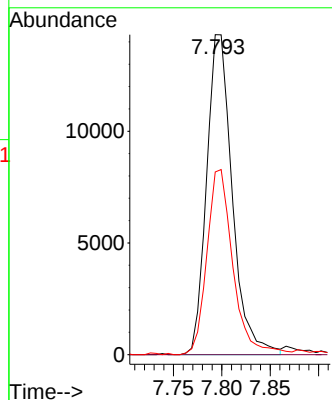
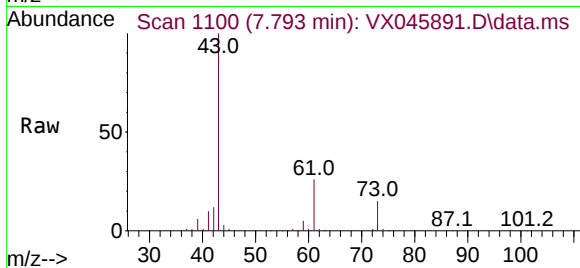
Tgt Ion: 41 Resp: 26506

Ion Ratio Lower Upper

41 100

69 0.0 58.2 87.2#

39 58.6 53.6 80.4



#50

Toluene-d8

Concen: 50.794 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX045891.D

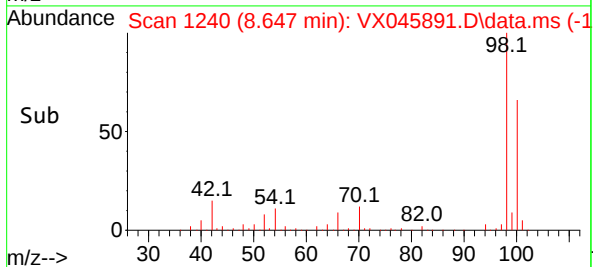
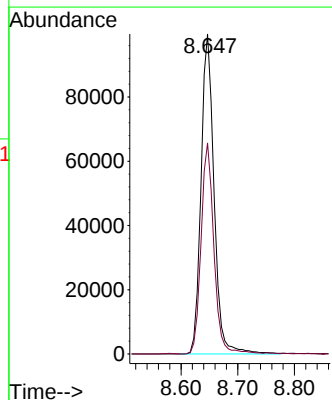
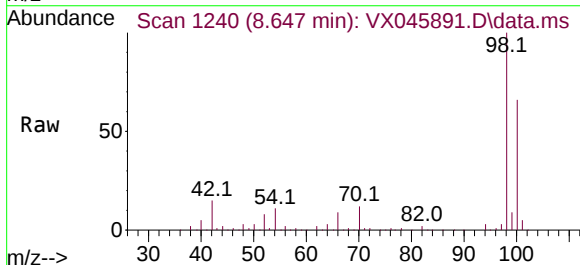
Acq: 22 Apr 2025 17:36

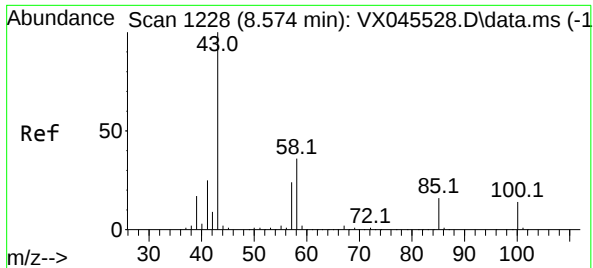
Tgt Ion: 98 Resp: 159187

Ion Ratio Lower Upper

98 100

100 64.8 52.2 78.4

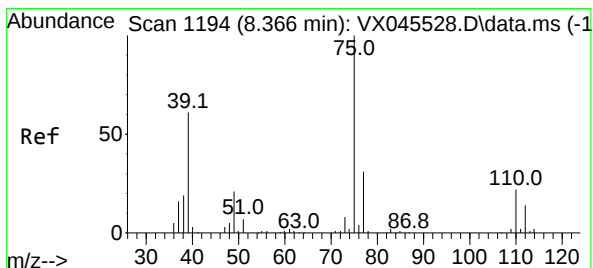
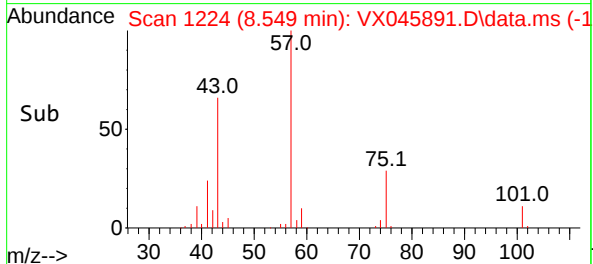
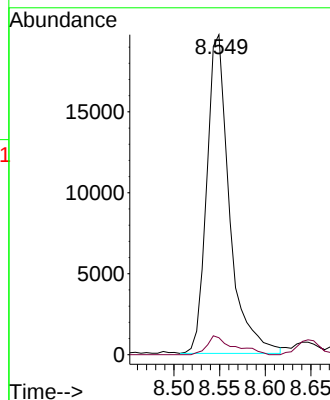
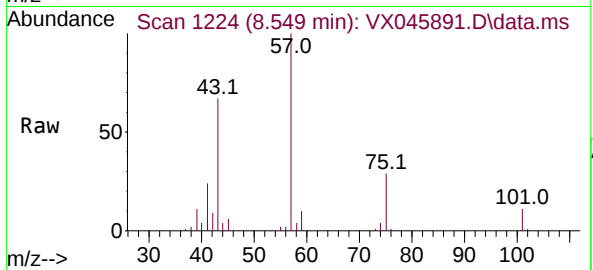




#51
4-Methyl-2-Pentanone
Concen: 22.113 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX045891.D
Acq: 22 Apr 2025 17:36

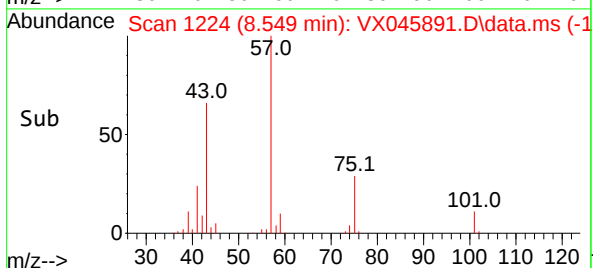
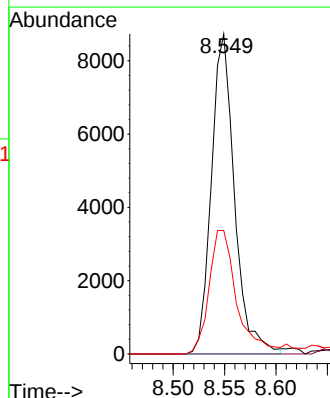
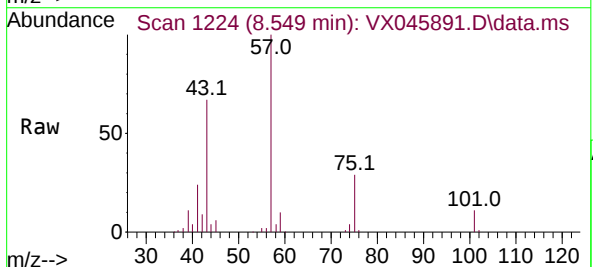
Instrument :
MSVOA_X
ClientSampleId :
PL-714-COMP-10

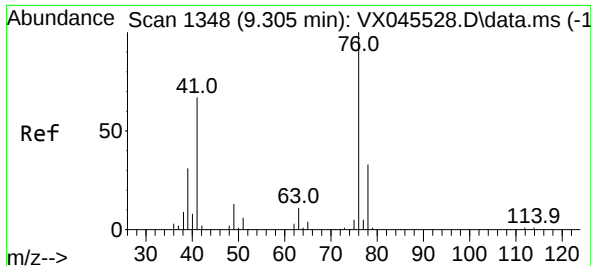
Tgt Ion: 43 Resp: 33944
Ion Ratio Lower Upper
43 100
58 6.9 28.5 42.7#



#54
cis-1,3-Dichloropropene
Concen: 10.241 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX045891.D
Acq: 22 Apr 2025 17:36

Tgt Ion: 75 Resp: 13629
Ion Ratio Lower Upper
75 100
77 0.0 24.6 36.8#
39 38.6 48.4 72.6#





#57

1,3-Dichloropropane

Concen: 0.580 ug/l

RT: 9.482 min Scan# 11

Delta R.T. 0.177 min

Lab File: VX045891.D

Acq: 22 Apr 2025 17:36

Instrument :

MSVOA_X

ClientSampleId :

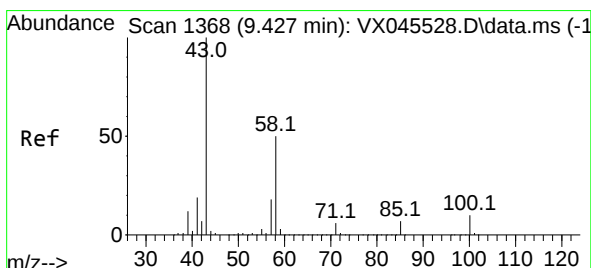
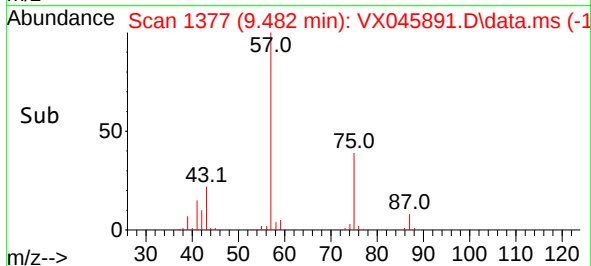
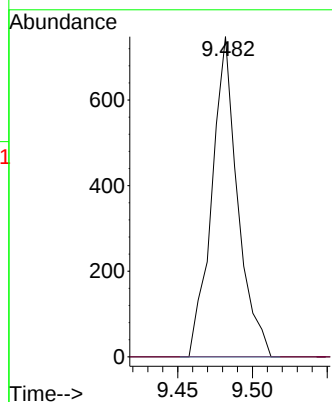
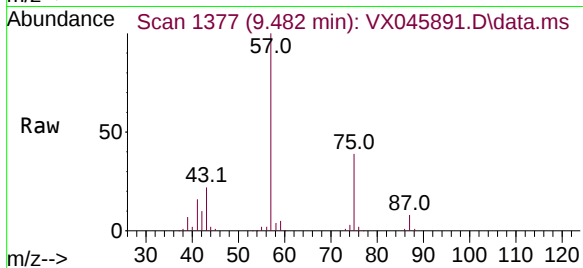
PL-714-COMP-10

Tgt Ion: 76 Resp: 902

Ion Ratio Lower Upper

76 100

78 0.0 26.0 39.0#



#59

2-Hexanone

Concen: 8.648 ug/l

RT: 9.378 min Scan# 1360

Delta R.T. -0.049 min

Lab File: VX045891.D

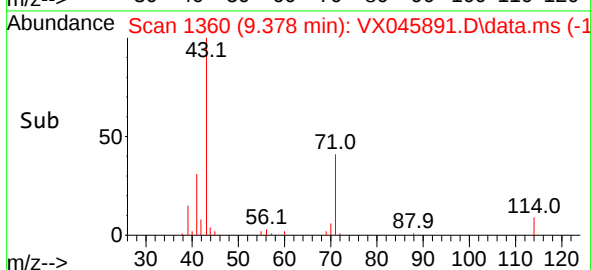
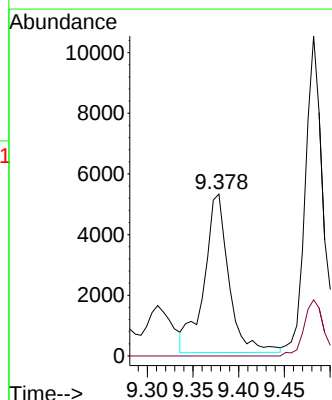
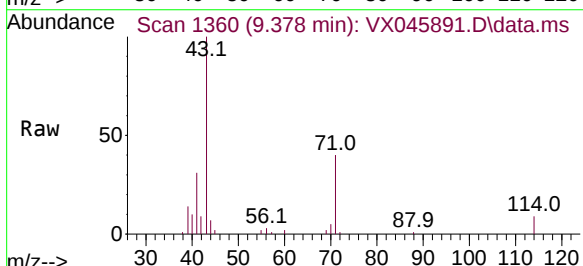
Acq: 22 Apr 2025 17:36

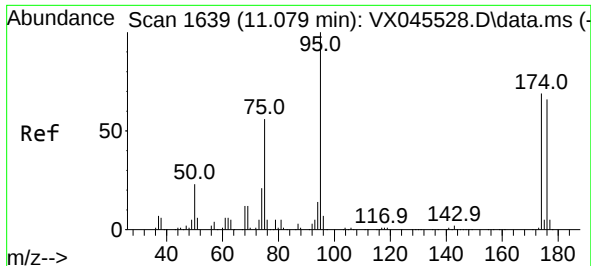
Tgt Ion: 43 Resp: 9830

Ion Ratio Lower Upper

43 100

58 0.0 24.9 74.6#

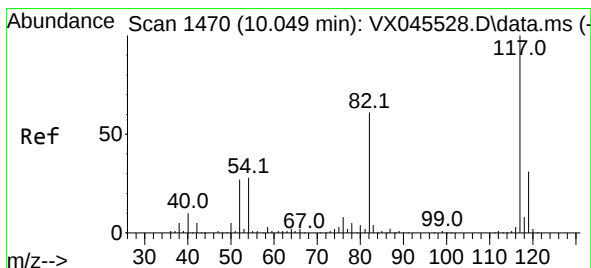
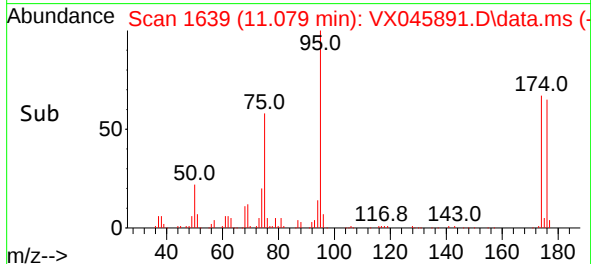
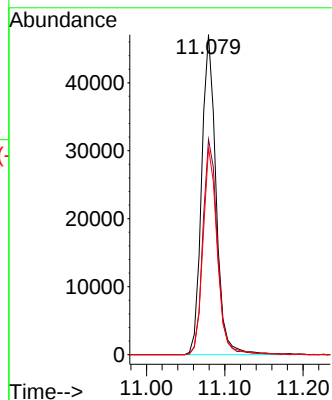
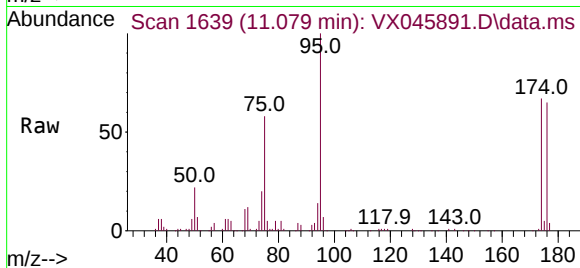




#62
4-Bromofluorobenzene
Concen: 52.678 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045891.D
Acq: 22 Apr 2025 17:36

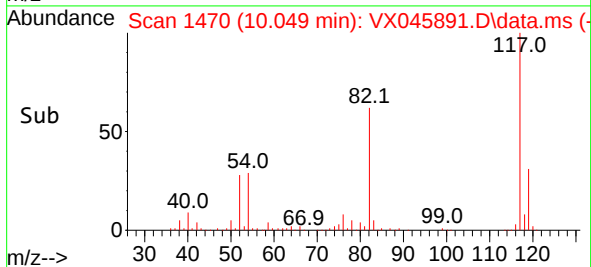
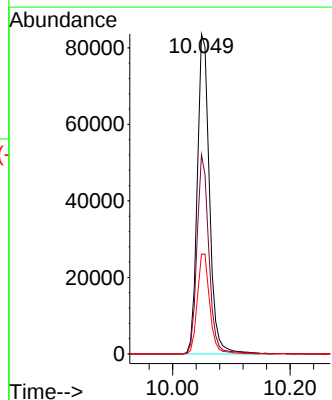
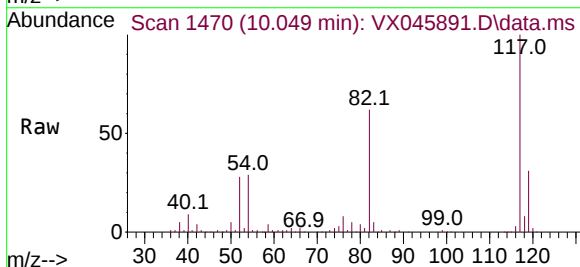
Instrument :
MSVOA_X
ClientSampleId :
PL-714-COMP-10

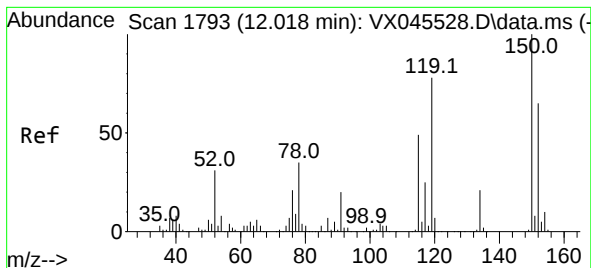
Tgt Ion: 95 Resp: 60134
Ion Ratio Lower Upper
95 100
174 68.0 0.0 135.8
176 64.4 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045891.D
Acq: 22 Apr 2025 17:36

Tgt Ion: 117 Resp: 120075
Ion Ratio Lower Upper
117 100
82 62.3 49.2 73.8
119 31.2 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: VX045891.D

Acq: 22 Apr 2025 17:36

Instrument :

MSVOA_X

ClientSampleId :

PL-714-COMP-10

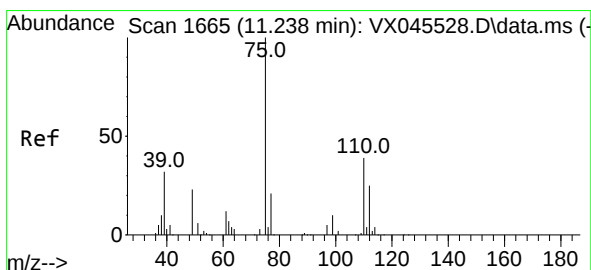
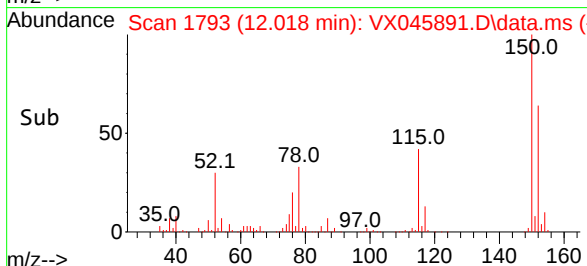
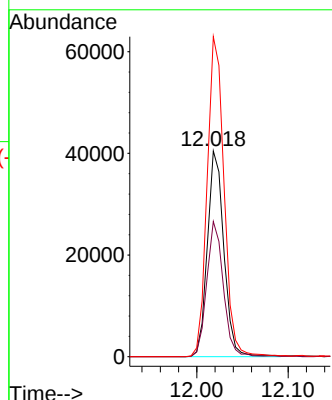
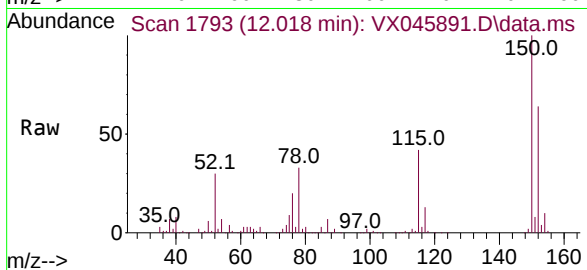
Tgt Ion:152 Resp: 50663

Ion Ratio Lower Upper

152 100

115 65.6 46.9 140.7

150 159.0 0.0 349.4



#76

1,2,3-Trichloropropane

Concen: 28.562 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX045891.D

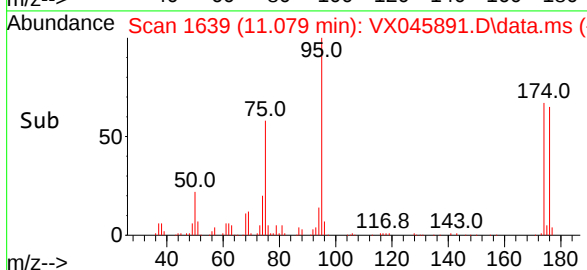
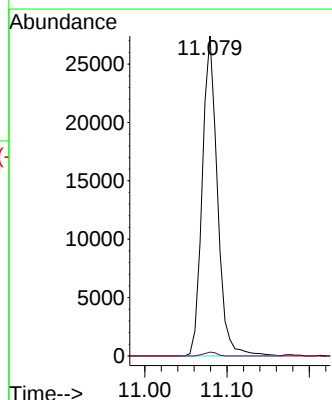
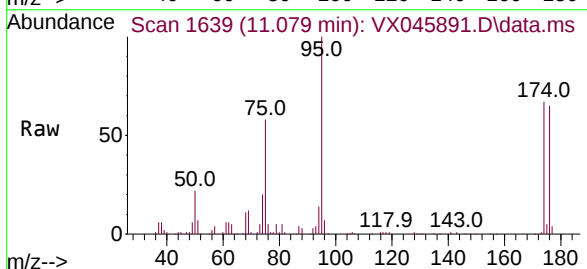
Acq: 22 Apr 2025 17:36

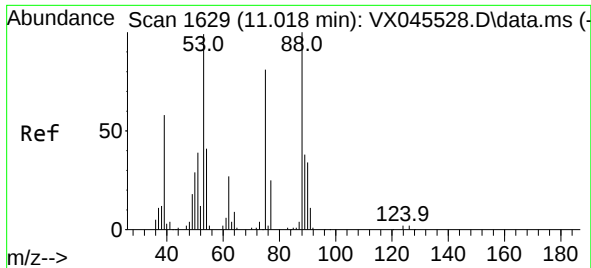
Tgt Ion: 75 Resp: 35297

Ion Ratio Lower Upper

75 100

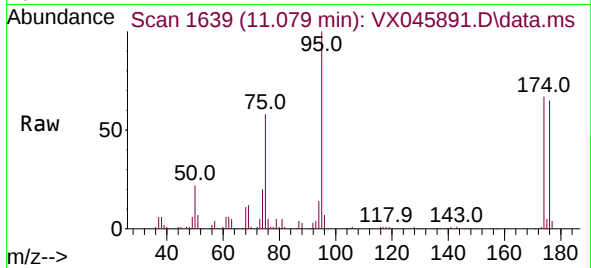
77 1.0 20.0 59.9#





#81
trans-1,4-Dichloro-2-butene
Concen: 96.937 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX045891.D
Acq: 22 Apr 2025 17:36

Instrument :
MSVOA_X
ClientSampleId :
PL-714-COMP-10



Tgt Ion: 75 Resp: 35297
Ion Ratio Lower Upper
75 100
53 0.0 101.8 152.6#
89 0.0 37.2 55.8#

