

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042225\
 Data File : VX045892.D
 Acq On : 22 Apr 2025 18:00
 Operator : JC/MD
 Sample : Q1842-24
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PL-714-COMP-11

Quant Time: Apr 23 01:36:16 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)

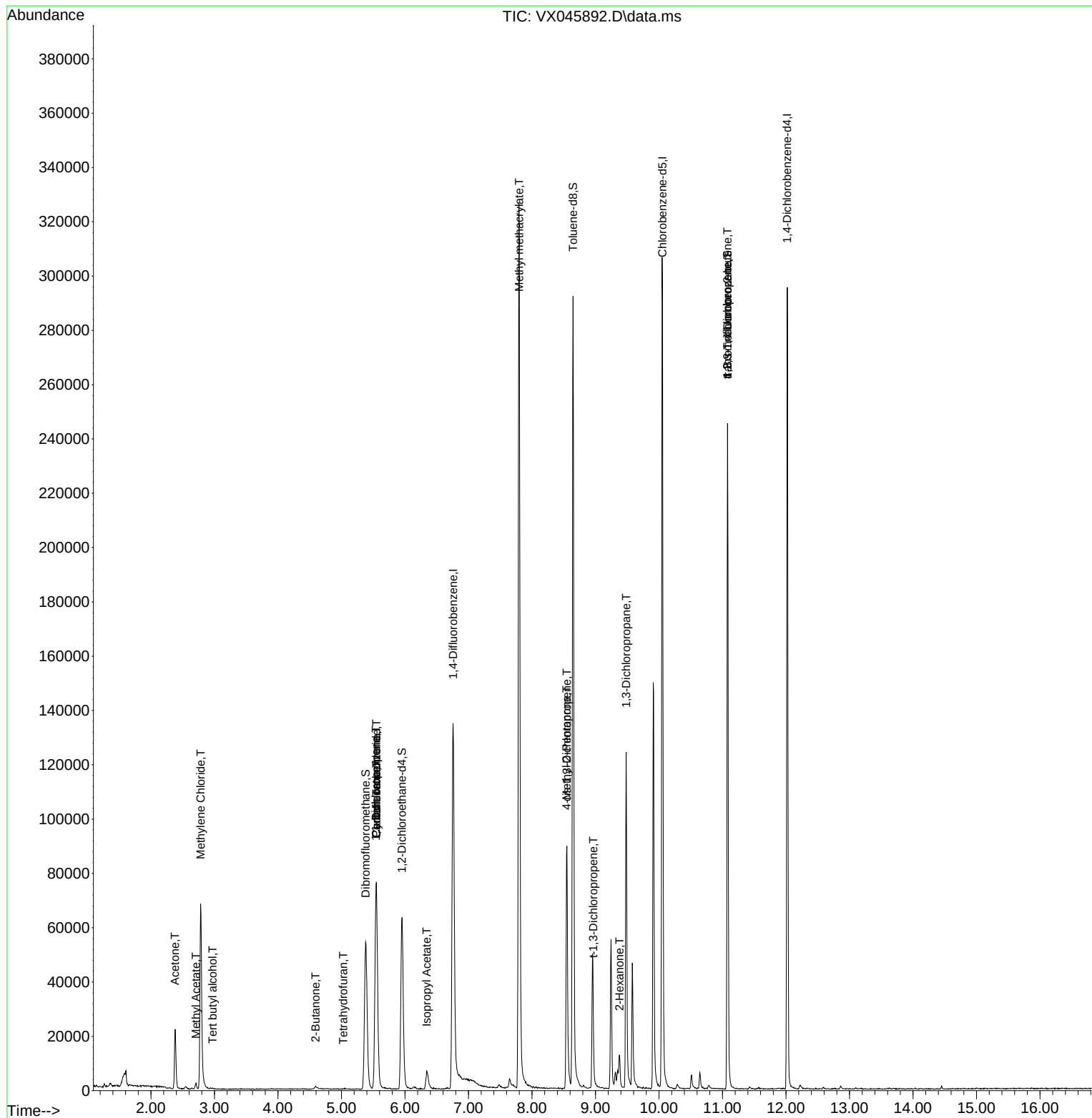
Internal Standards						
1) Pentafluorobenzene	5.550	168	65801	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	131202	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	125687	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	54408	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64724	53.787	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.580%			
35) Dibromofluoromethane	5.379	113	46969	50.457	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.920%			
50) Toluene-d8	8.647	98	166402	51.214	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.420%			
62) 4-Bromofluorobenzene	11.079	95	63616	53.753	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 107.500%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.971	59	189	1.169	ug/l #	72
16) Acetone	2.380	43	23810	48.187	ug/l	100
18) Methyl Acetate	2.709	43	2555	2.246	ug/l	92
20) Methylene Chloride	2.782	84	30975	33.485	ug/l	97
25) 2-Butanone	4.593	43	2324	3.213	ug/l #	89
29) Tetrahydrofuran	5.026	42	119	0.254	ug/l #	35
31) Cyclohexane	5.550	56	1923	1.303	ug/l #	49
36) 1,1-Dichloropropene	5.544	75	6585	5.239	ug/l #	51
38) Carbon Tetrachloride	5.550	117	7660	5.639	ug/l #	17
43) Isopropyl Acetate	6.342	43	10494	4.371	ug/l	98
48) Methyl methacrylate	7.799	41	32857	26.508	ug/l #	50
51) 4-Methyl-2-Pentanone	8.543	43	35239	22.143	ug/l #	49
53) t-1,3-Dichloropropene	8.964	75	148	2.389	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	13558	9.826	ug/l #	68
57) 1,3-Dichloropropane	9.482	76	1073	0.666	ug/l #	42
59) 2-Hexanone	9.378	43	11282	9.573	ug/l #	28
76) 1,2,3-Trichloropropane	11.079	75	37291	28.099	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	37291	95.364	ug/l #	1

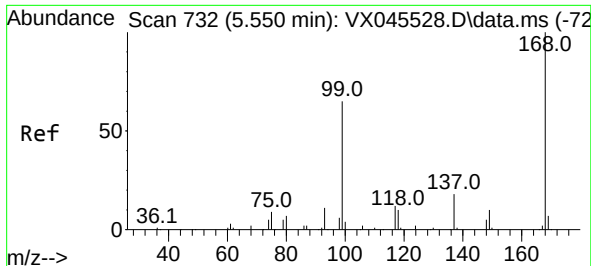
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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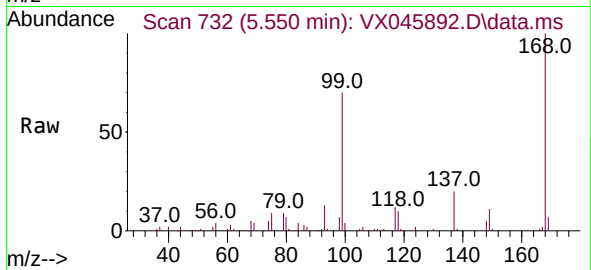
Quant Time: Apr 23 01:36:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration



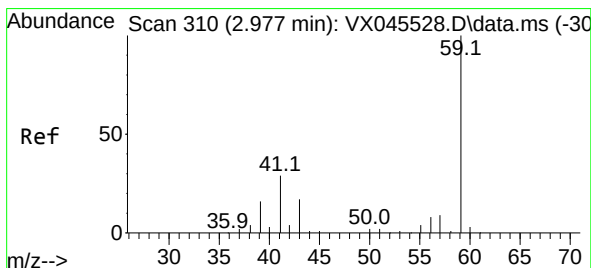
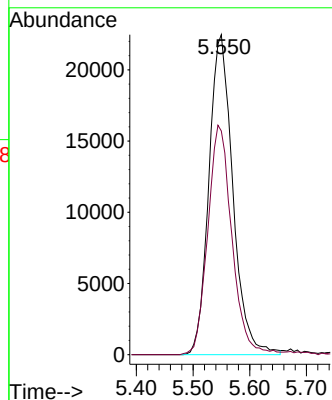
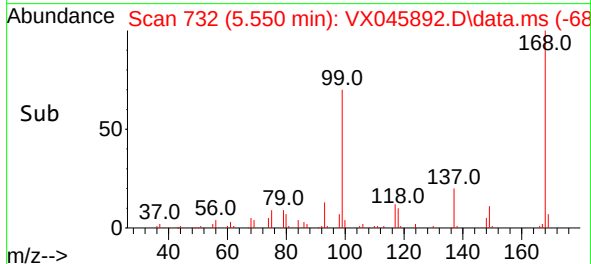


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045892.D
Acq: 22 Apr 2025 18:00

Instrument :
MSVOA_X
ClientSampleId :
PL-714-COMP-11

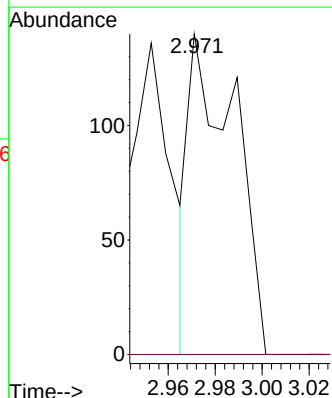
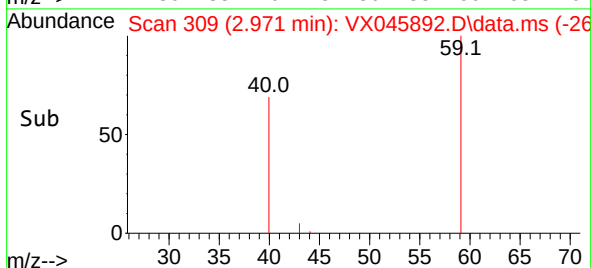
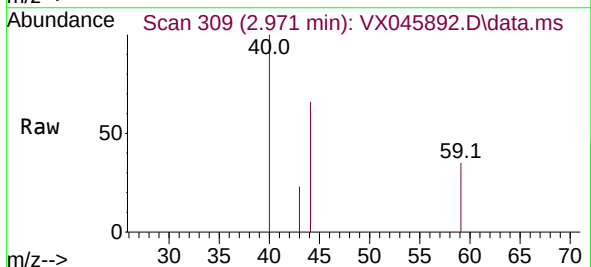


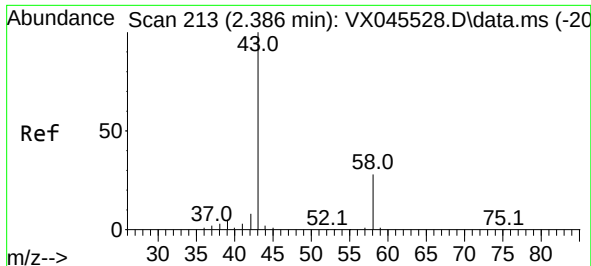
Tgt Ion:168 Resp: 65801
Ion Ratio Lower Upper
168 100
99 69.9 52.3 78.5



#11
Tert butyl alcohol
Concen: 1.169 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX045892.D
Acq: 22 Apr 2025 18:00

Tgt Ion: 59 Resp: 189
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

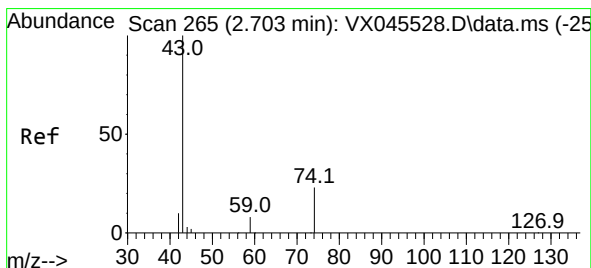
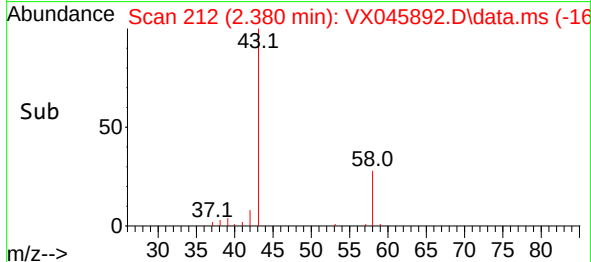
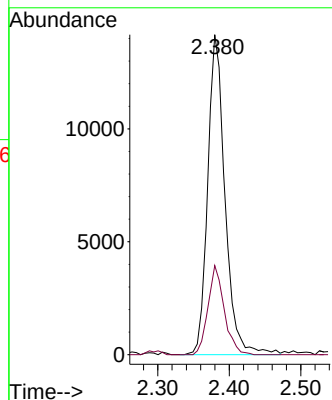
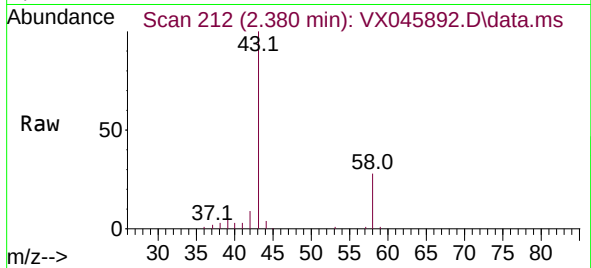




#16
Acetone
Concen: 48.187 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX045892.D
Acq: 22 Apr 2025 18:00

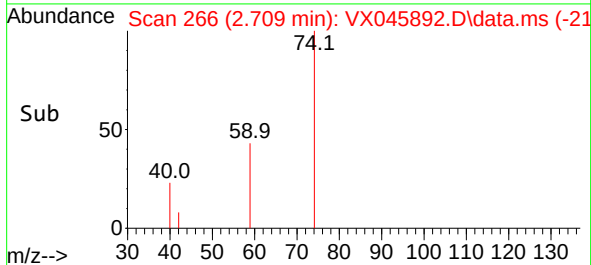
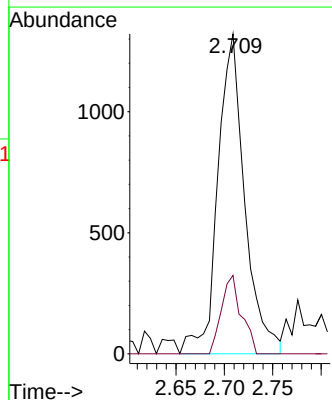
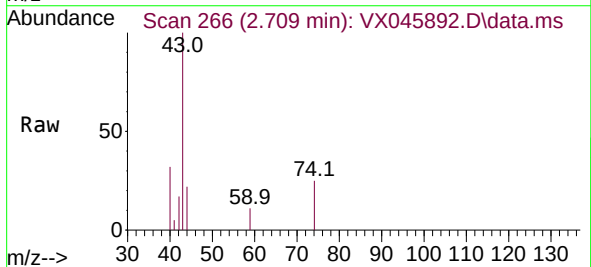
Instrument :
MSVOA_X
ClientSampleId :
PL-714-COMP-11

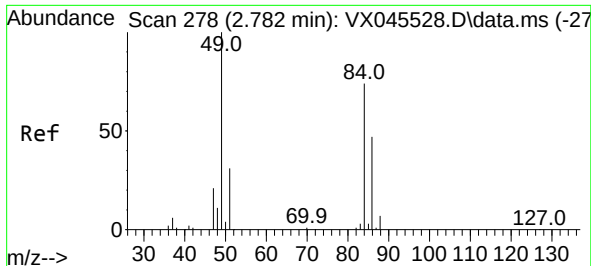
Tgt Ion: 43 Resp: 23810
Ion Ratio Lower Upper
43 100
58 27.8 22.3 33.5



#18
Methyl Acetate
Concen: 2.246 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX045892.D
Acq: 22 Apr 2025 18:00

Tgt Ion: 43 Resp: 2555
Ion Ratio Lower Upper
43 100
74 18.2 17.5 26.3

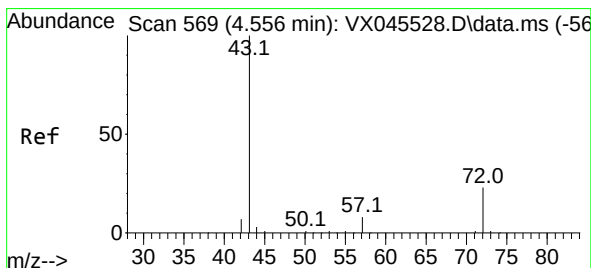
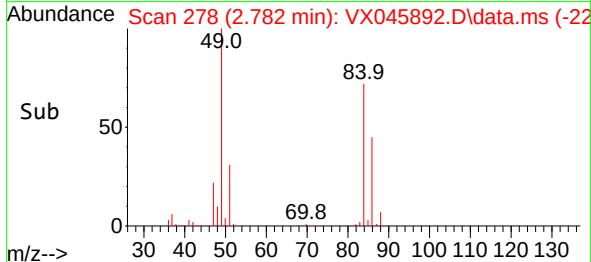
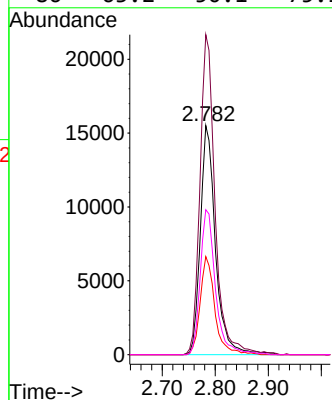
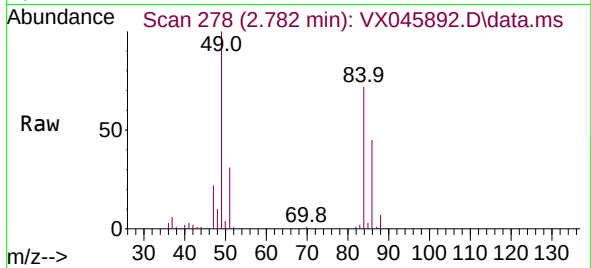




#20
Methylene Chloride
Concen: 33.485 ug/l
RT: 2.782 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX045892.D
Acq: 22 Apr 2025 18:00

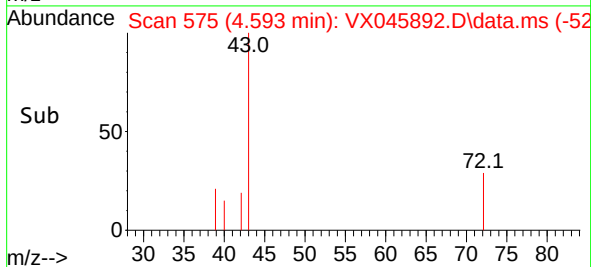
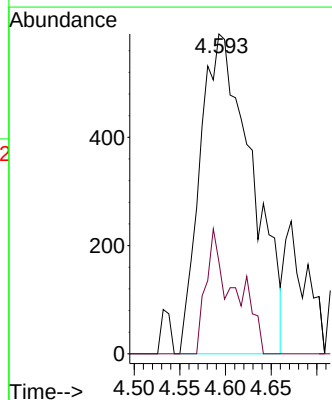
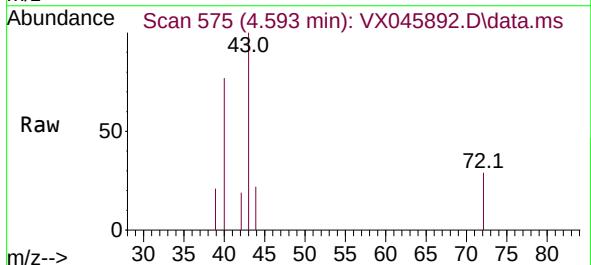
Instrument :
MSVOA_X
ClientSampleId :
PL-714-COMP-11

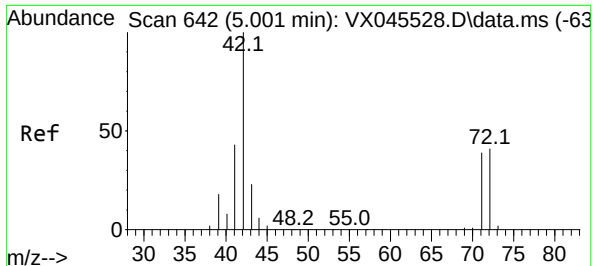
Tgt Ion:	84	Resp:	30975
Ion	Ratio	Lower	Upper
84	100		
49	139.7	107.5	161.3
51	42.8	33.0	49.6
86	63.2	50.1	75.1



#25
2-Butanone
Concen: 3.213 ug/l
RT: 4.593 min Scan# 575
Delta R.T. 0.037 min
Lab File: VX045892.D
Acq: 22 Apr 2025 18:00

Tgt Ion:	43	Resp:	2324
Ion	Ratio	Lower	Upper
43	100		
72	28.8	18.6	28.0#





#29

Tetrahydrofuran

Concen: 0.254 ug/l

RT: 5.026 min Scan# 64

Delta R.T. 0.024 min

Lab File: VX045892.D

Acq: 22 Apr 2025 18:00

Instrument :

MSVOA_X

ClientSampleId :

PL-714-COMP-11

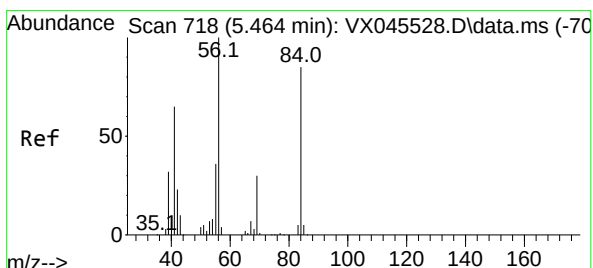
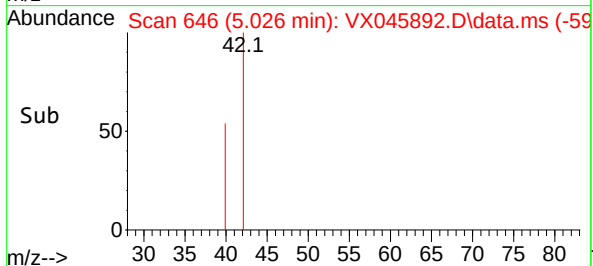
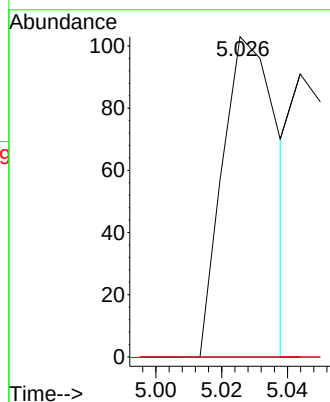
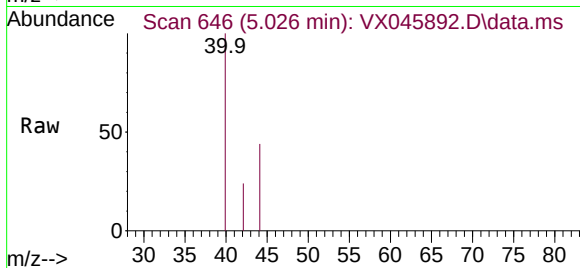
Tgt Ion: 42 Resp: 119

Ion Ratio Lower Upper

42 100

72 0.0 33.4 50.0#

71 0.0 31.4 47.0#



#31

Cyclohexane

Concen: 1.303 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.085 min

Lab File: VX045892.D

Acq: 22 Apr 2025 18:00

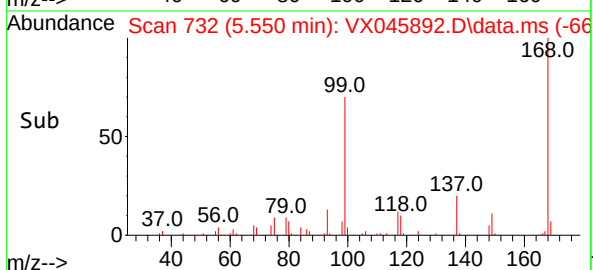
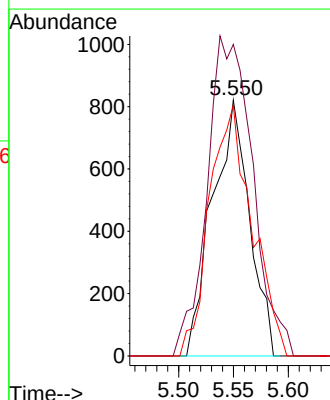
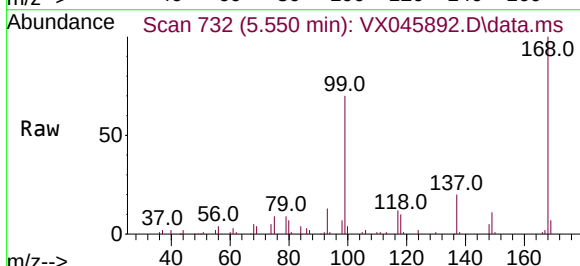
Tgt Ion: 56 Resp: 1923

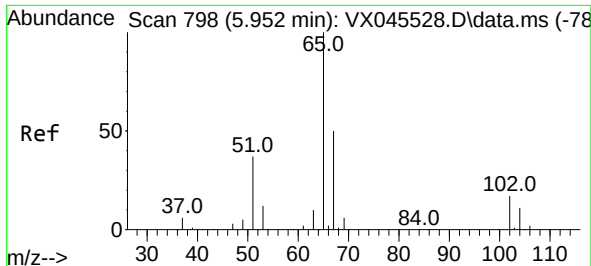
Ion Ratio Lower Upper

56 100

69 112.8 23.6 35.4#

84 98.1 67.7 101.5

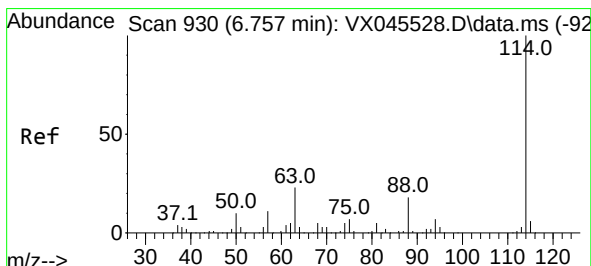
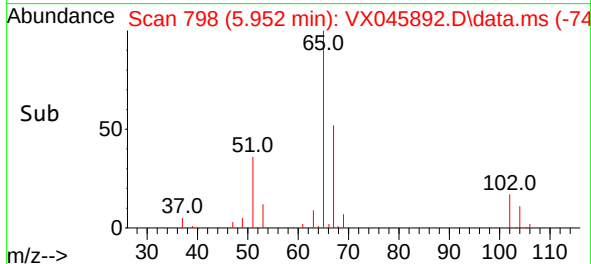
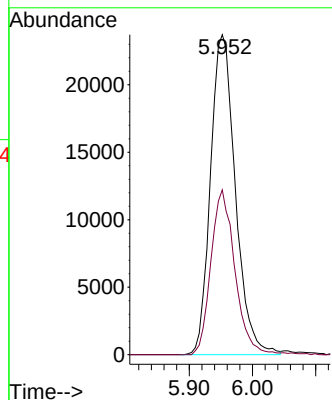
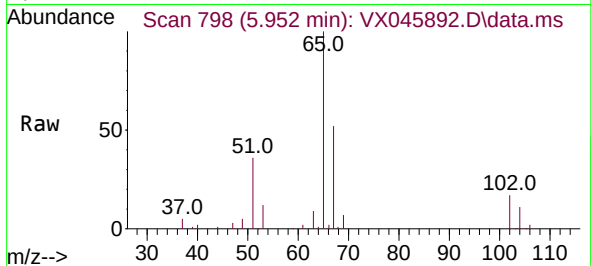




#33
 1,2-Dichloroethane-d4
 Concen: 53.787 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX045892.D
 Acq: 22 Apr 2025 18:00

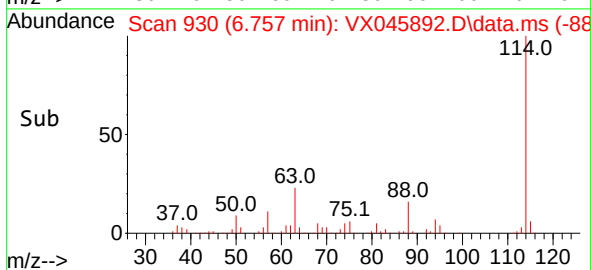
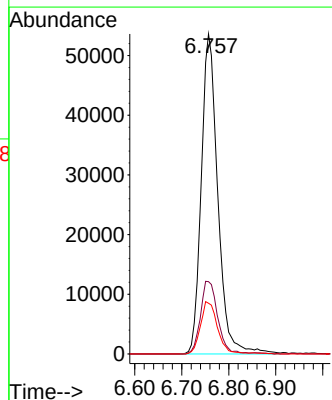
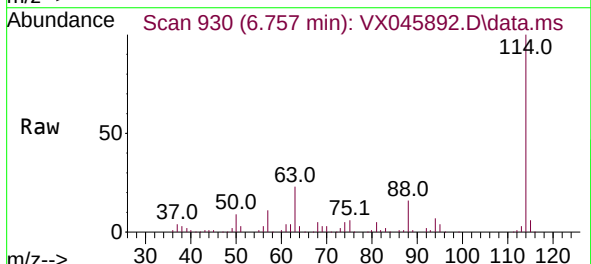
Instrument :
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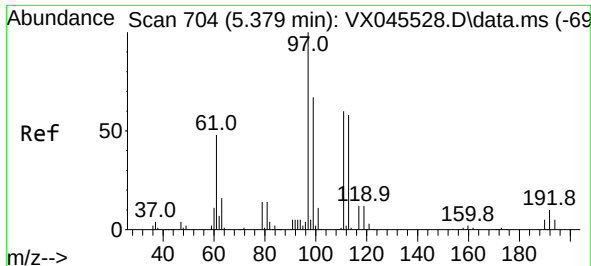
Tgt Ion: 65 Resp: 64724
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX045892.D
 Acq: 22 Apr 2025 18:00

Tgt Ion: 114 Resp: 131202
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 46.8
 88 15.9 0.0 35.4

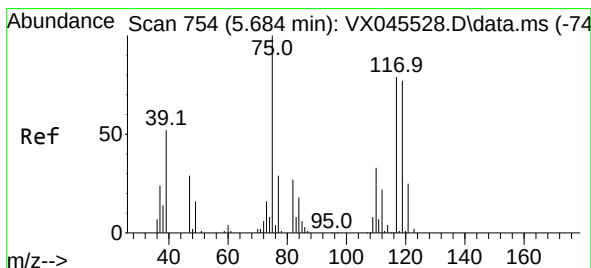
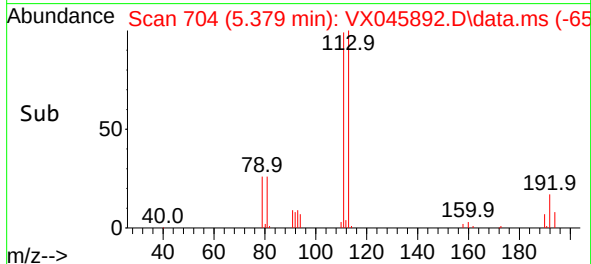
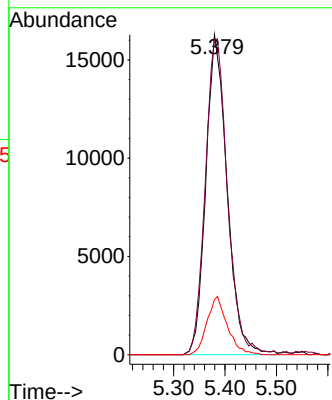
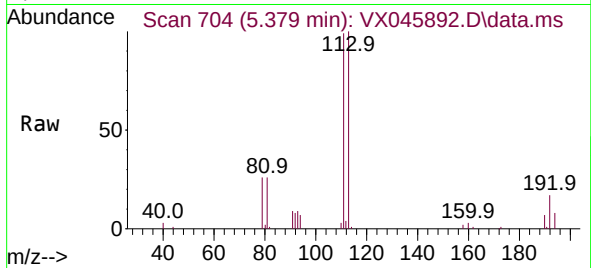




#35
Dibromofluoromethane
Concen: 50.457 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045892.D
Acq: 22 Apr 2025 18:00

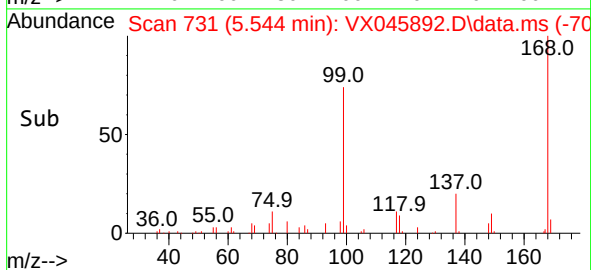
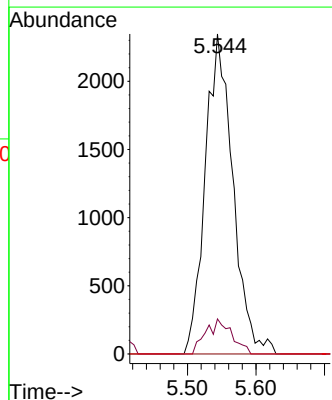
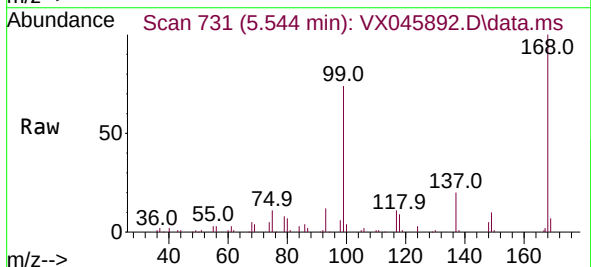
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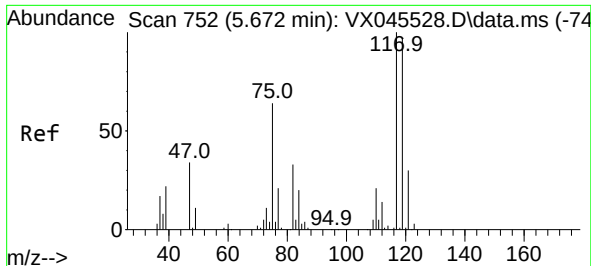
Tgt Ion:113 Resp: 46969
Ion Ratio Lower Upper
113 100
111 103.1 81.8 122.6
192 17.3 13.8 20.6



#36
1,1-Dichloropropene
Concen: 5.239 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX045892.D
Acq: 22 Apr 2025 18:00

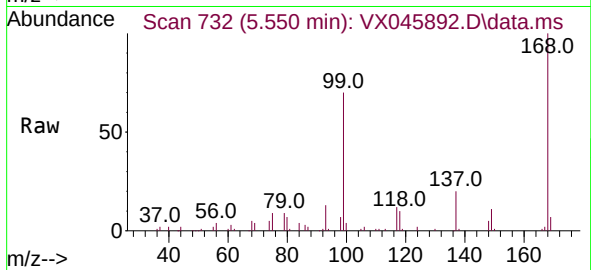
Tgt Ion: 75 Resp: 6585
Ion Ratio Lower Upper
75 100
110 10.3 16.9 50.6#
77 0.0 25.0 37.4#



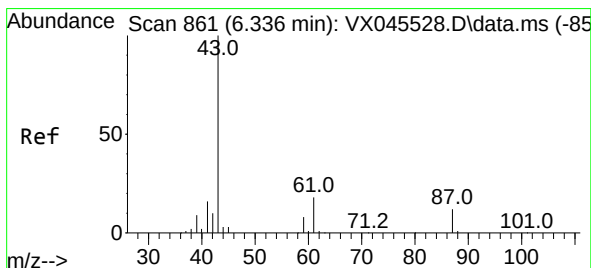
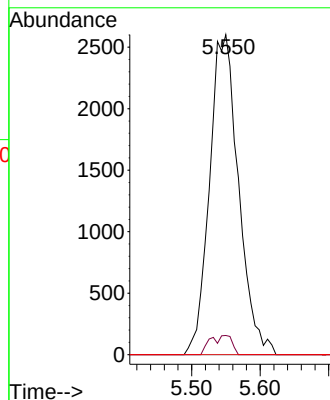
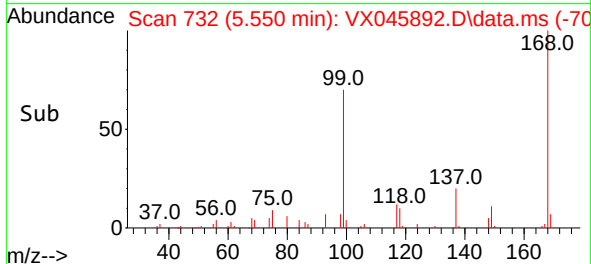


#38
Carbon Tetrachloride
Concen: 5.639 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX045892.D
Acq: 22 Apr 2025 18:00

Instrument :
MSVOA_X
ClientSampleId :
PL-714-COMP-11

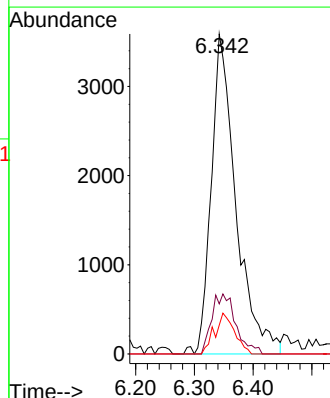
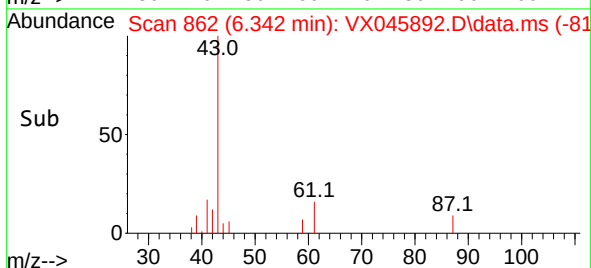
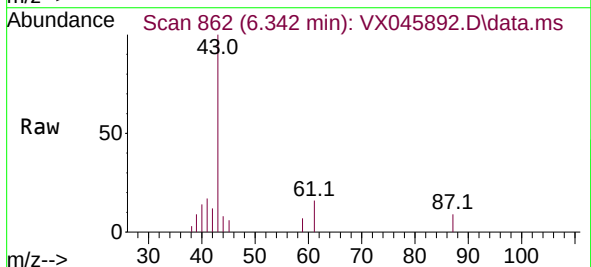


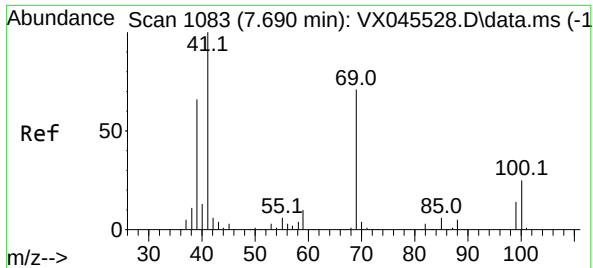
Tgt Ion:117 Resp: 7660
Ion Ratio Lower Upper
117 100
119 6.0 76.9 115.3#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 4.371 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX045892.D
Acq: 22 Apr 2025 18:00

Tgt Ion: 43 Resp: 10494
Ion Ratio Lower Upper
43 100
61 18.2 14.1 21.1
87 10.2 9.2 13.8

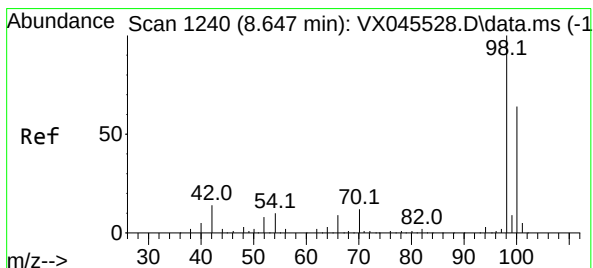
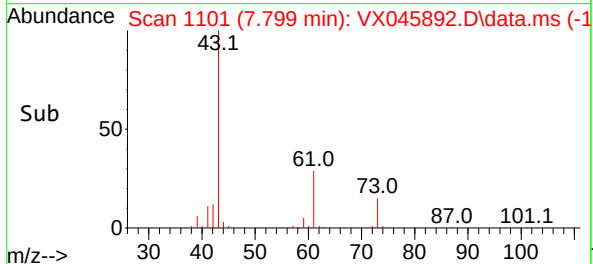
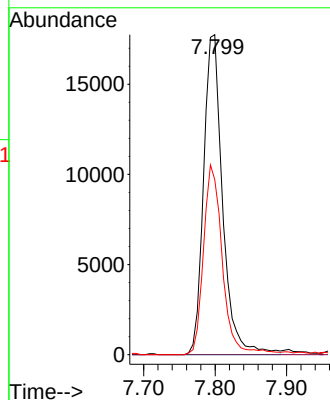
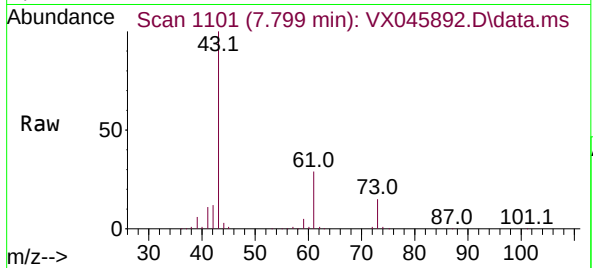




#48
Methyl methacrylate
Concen: 26.508 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.110 min
Lab File: VX045892.D
Acq: 22 Apr 2025 18:00

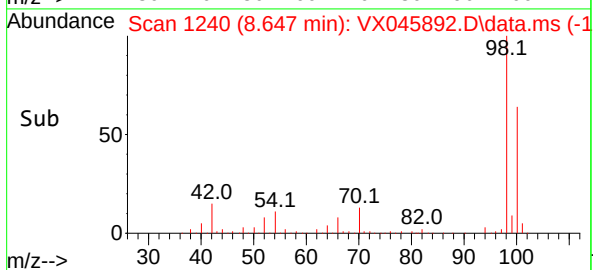
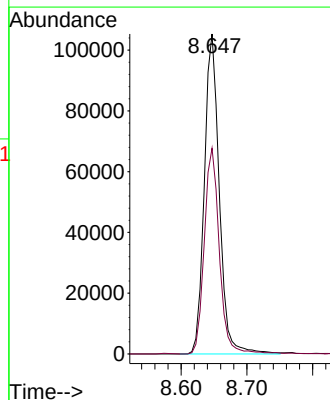
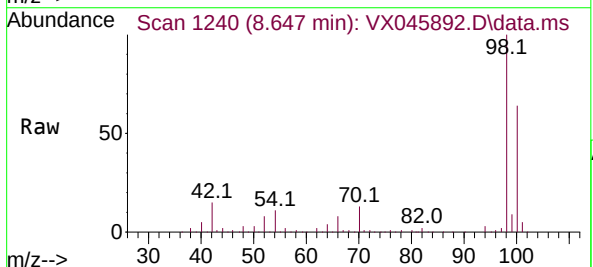
Instrument :
MSVOA_X
ClientSampleId :
PL-714-COMP-11

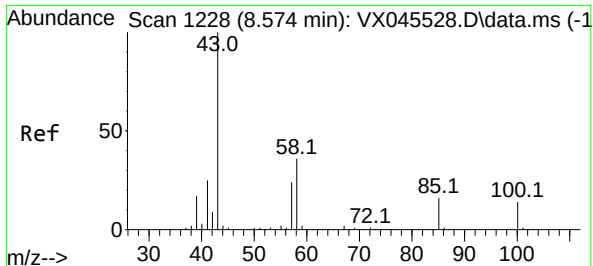
Tgt Ion: 41 Resp: 32857
Ion Ratio Lower Upper
41 100
69 0.0 58.2 87.2#
39 58.8 53.6 80.4



#50
Toluene-d8
Concen: 51.214 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045892.D
Acq: 22 Apr 2025 18:00

Tgt Ion: 98 Resp: 166402
Ion Ratio Lower Upper
98 100
100 64.9 52.2 78.4

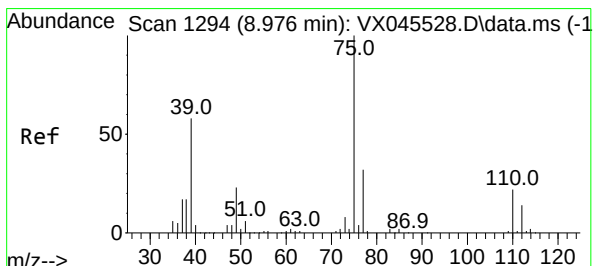
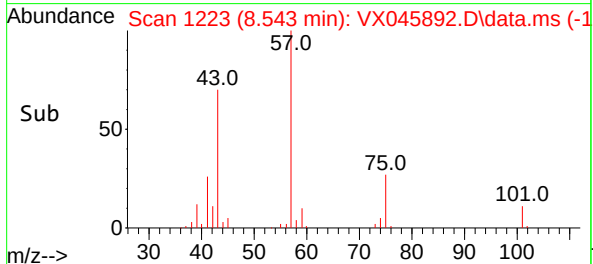
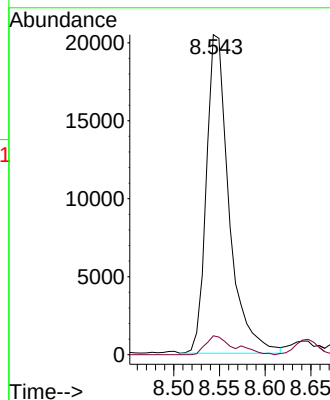
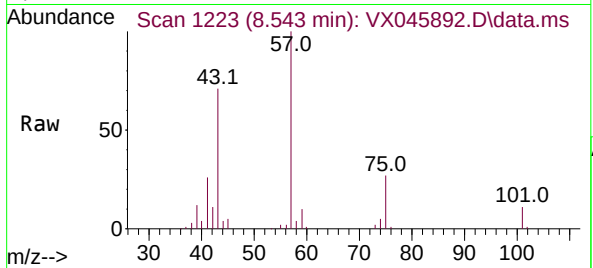




#51
4-Methyl-2-Pentanone
Concen: 22.143 ug/l
RT: 8.543 min Scan# 11
Delta R.T. -0.030 min
Lab File: VX045892.D
Acq: 22 Apr 2025 18:00

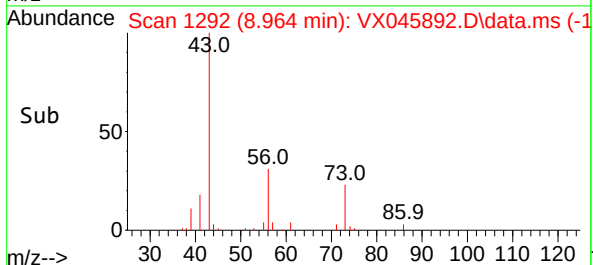
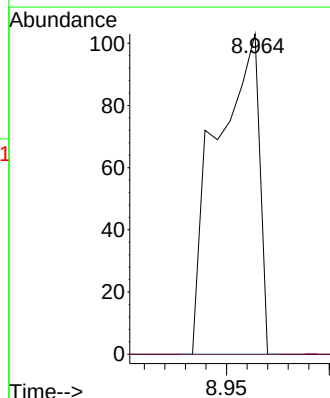
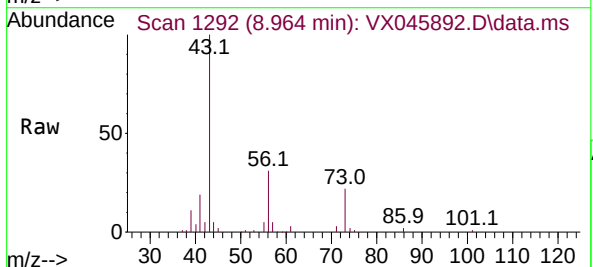
Instrument :
MSVOA_X
ClientSampleId :
PL-714-COMP-11

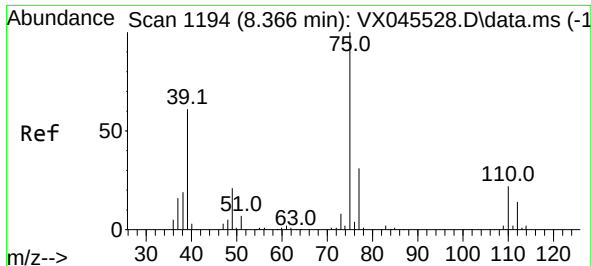
Tgt Ion: 43 Resp: 35239
Ion Ratio Lower Upper
43 100
58 5.7 28.5 42.7#



#53
t-1,3-Dichloropropene
Concen: 2.389 ug/l
RT: 8.964 min Scan# 1292
Delta R.T. -0.012 min
Lab File: VX045892.D
Acq: 22 Apr 2025 18:00

Tgt Ion: 75 Resp: 148
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.0#

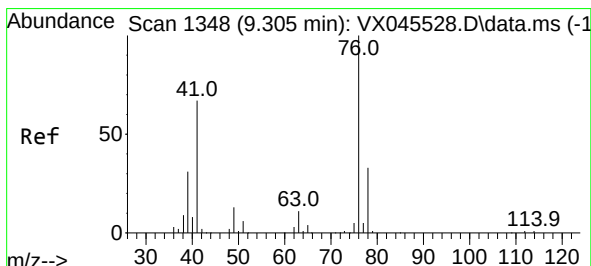
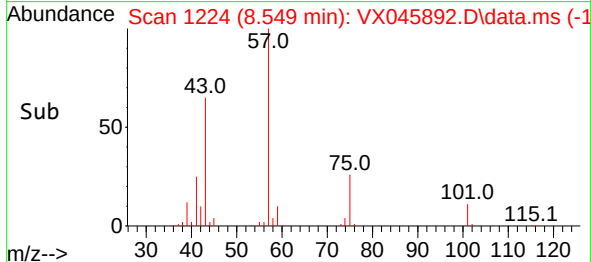
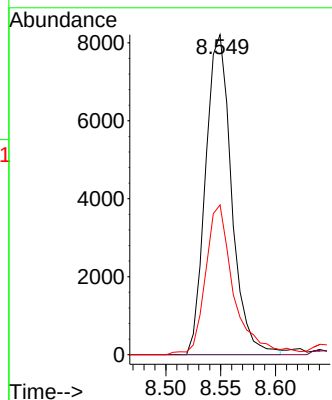
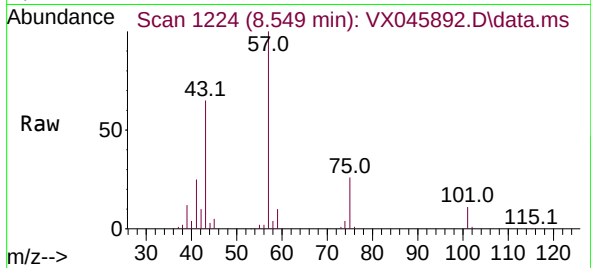




#54
 cis-1,3-Dichloropropene
 Concen: 9.826 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX045892.D
 Acq: 22 Apr 2025 18:00

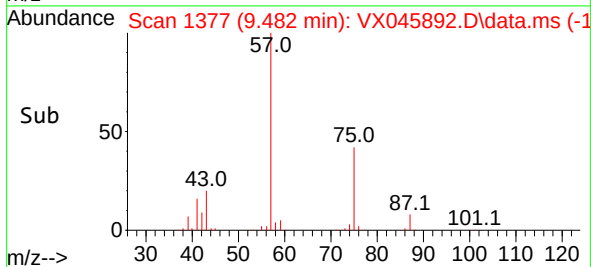
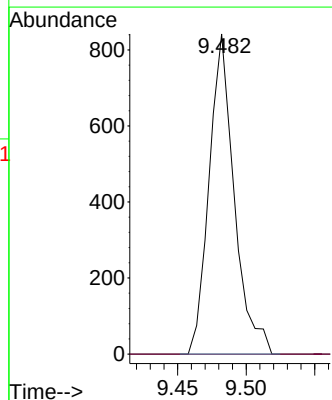
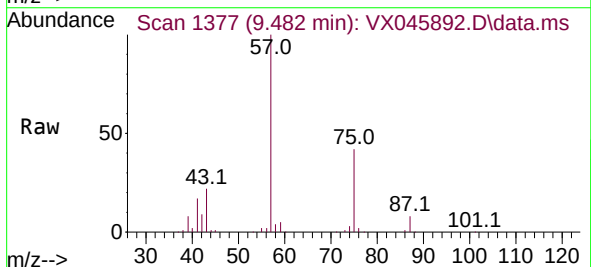
Instrument :
 MSVOA_X
 ClientSampleId :
 PL-714-COMP-11

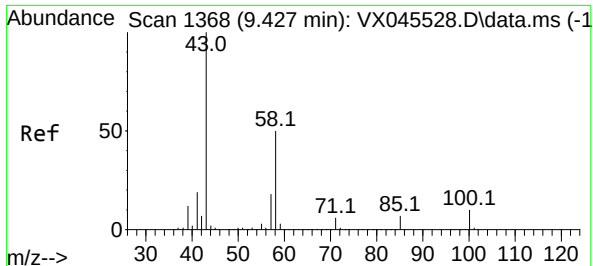
Tgt Ion: 75 Resp: 13558
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.6 36.8#
 39 45.9 48.4 72.6#



#57
 1,3-Dichloropropane
 Concen: 0.666 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.177 min
 Lab File: VX045892.D
 Acq: 22 Apr 2025 18:00

Tgt Ion: 76 Resp: 1073
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.0 39.0#

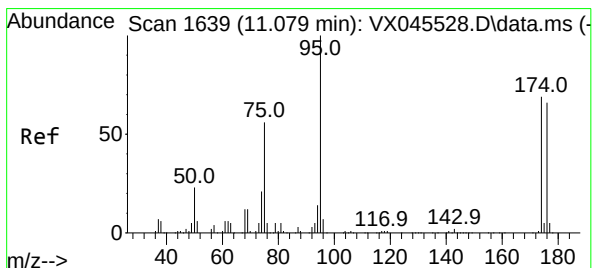
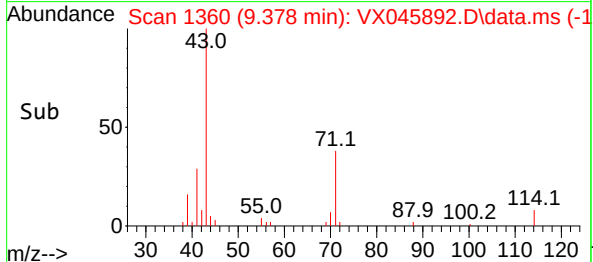
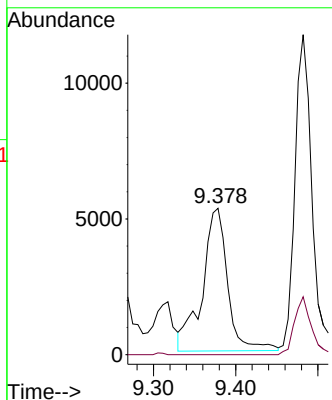
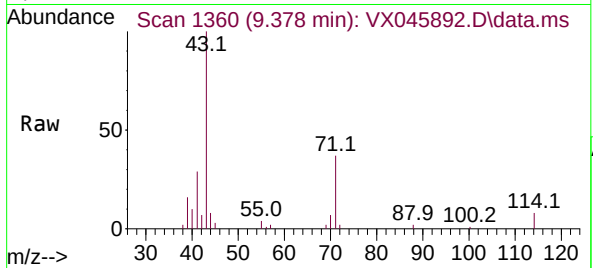




#59
2-Hexanone
Concen: 9.573 ug/l
RT: 9.378 min Scan# 11
Delta R.T. -0.049 min
Lab File: VX045892.D
Acq: 22 Apr 2025 18:00

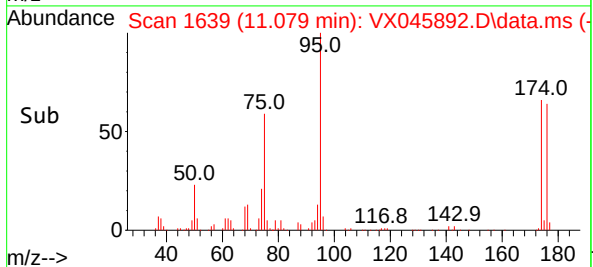
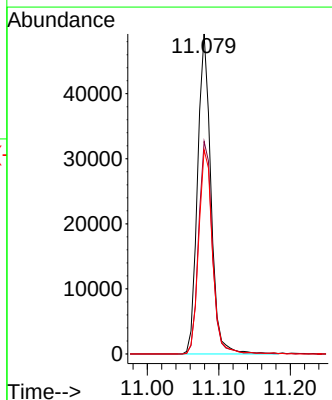
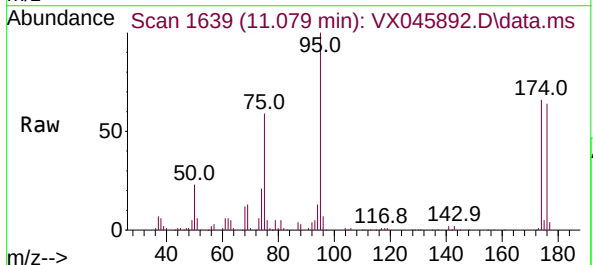
Instrument :
MSVOA_X
ClientSampleId :
PL-714-COMP-11

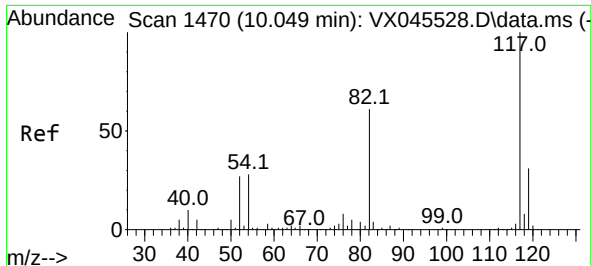
Tgt Ion: 43 Resp: 11282
Ion Ratio Lower Upper
43 100
58 0.0 24.9 74.6#



#62
4-Bromofluorobenzene
Concen: 53.753 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045892.D
Acq: 22 Apr 2025 18:00

Tgt Ion: 95 Resp: 63616
Ion Ratio Lower Upper
95 100
174 68.1 0.0 135.8
176 65.9 0.0 131.4

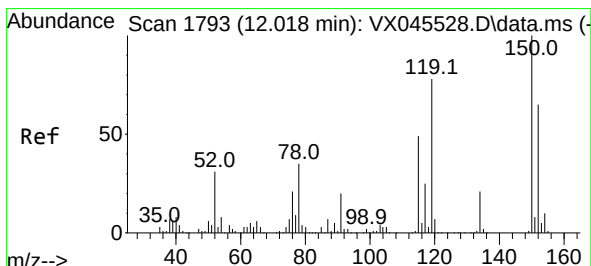
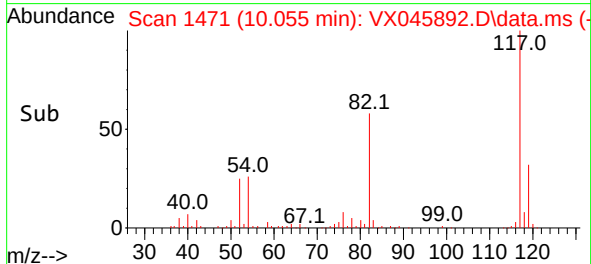
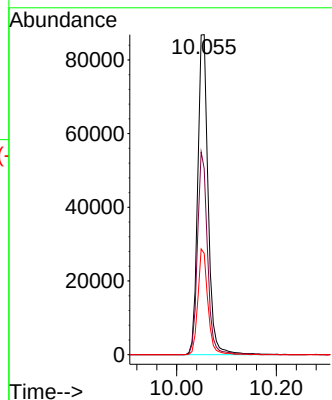
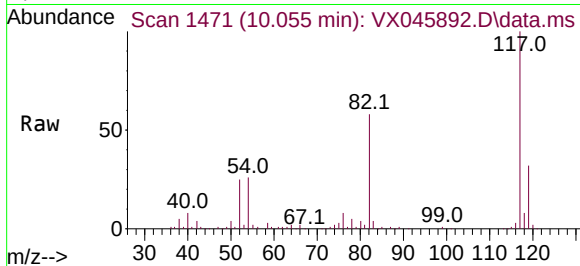




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX045892.D
Acq: 22 Apr 2025 18:00

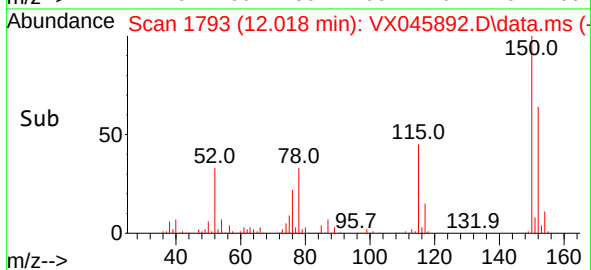
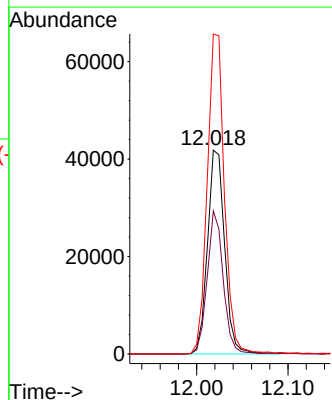
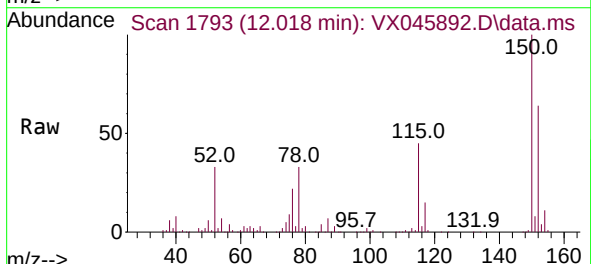
Instrument :
MSVOA_X
ClientSampleId :
PL-714-COMP-11

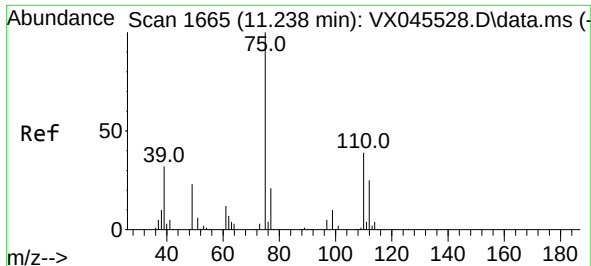
Tgt Ion:117 Resp: 125687
Ion Ratio Lower Upper
117 100
82 58.2 49.2 73.8
119 31.7 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045892.D
Acq: 22 Apr 2025 18:00

Tgt Ion:152 Resp: 54408
Ion Ratio Lower Upper
152 100
115 65.3 46.9 140.7
150 157.9 0.0 349.4

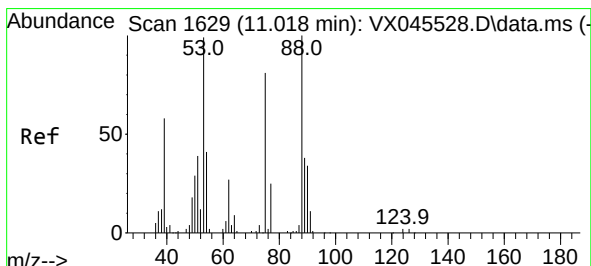
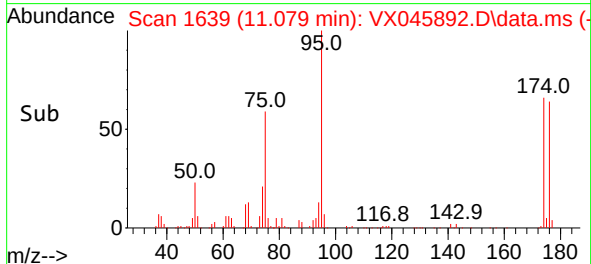
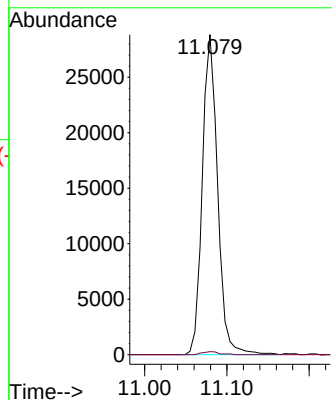
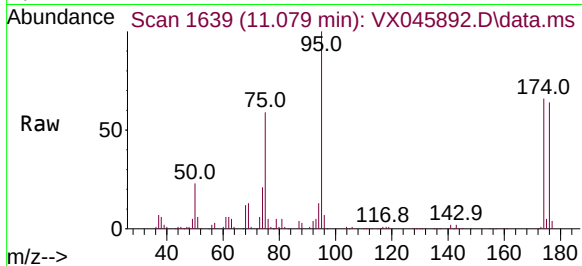




#76
1,2,3-Trichloropropane
Concen: 28.099 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX045892.D
Acq: 22 Apr 2025 18:00

Instrument :
MSVOA_X
ClientSampleId :
PL-714-COMP-11

Tgt Ion: 75 Resp: 37291
Ion Ratio Lower Upper
75 100
77 1.0 20.0 59.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 95.364 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045892.D
Acq: 22 Apr 2025 18:00

Tgt Ion: 75 Resp: 37291
Ion Ratio Lower Upper
75 100
53 0.0 101.8 152.6#
89 0.0 37.2 55.8#

