

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042225\
 Data File : VX045890.D
 Acq On : 22 Apr 2025 17:13
 Operator : JC/MD
 Sample : Q1842-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PL-714-COMP-09

Quant Time: Apr 23 01:35:53 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)

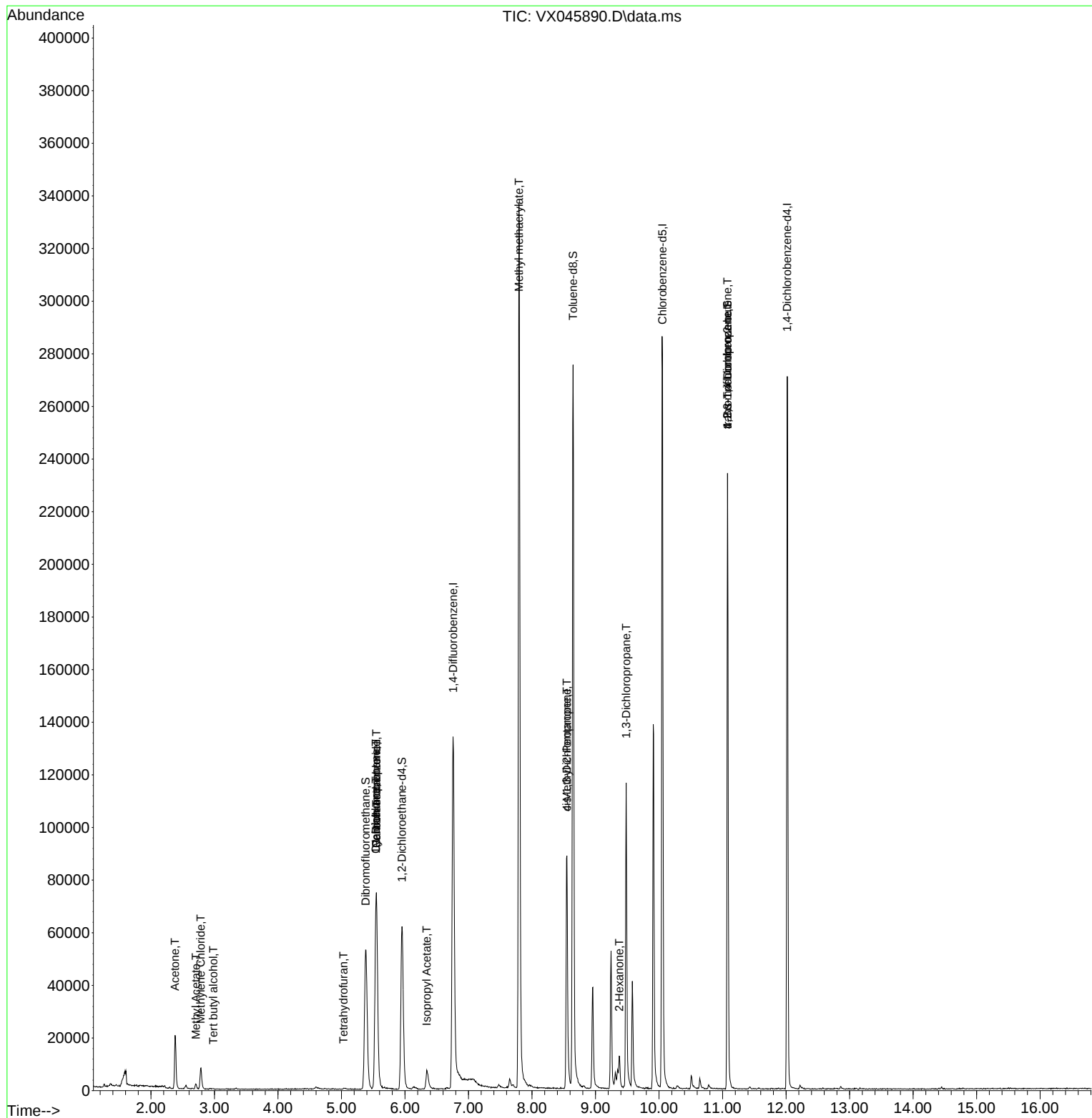
Internal Standards						
1) Pentafluorobenzene	5.550	168	64241	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	129420	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	120391	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51199	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64770	55.133	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 110.260%		
35) Dibromofluoromethane	5.379	113	46466	50.604	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.200%		
50) Toluene-d8	8.647	98	161474	50.382	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 100.760%		
62) 4-Bromofluorobenzene	11.079	95	61134	52.367	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 104.740%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.983	59	247	1.564	ug/l #	72
16) Acetone	2.380	43	22438	46.513	ug/l	99
18) Methyl Acetate	2.709	43	2540	2.287	ug/l	96
20) Methylene Chloride	2.782	84	3606	3.993	ug/l	92
29) Tetrahydrofuran	5.031	42	214	0.467	ug/l #	44
31) Cyclohexane	5.544	56	1898	1.317	ug/l #	16
36) 1,1-Dichloropropene	5.544	75	6560	5.291	ug/l #	50
38) Carbon Tetrachloride	5.550	117	7869	5.873	ug/l #	15
43) Isopropyl Acetate	6.342	43	10763	4.545	ug/l	99
48) Methyl methacrylate	7.793	41	32684	26.732	ug/l #	51
51) 4-Methyl-2-Pentanone	8.549	43	35375	22.535	ug/l #	52
54) cis-1,3-Dichloropropene	8.549	75	13973	10.266	ug/l #	65
57) 1,3-Dichloropropane	9.482	76	926	0.582	ug/l #	42
59) 2-Hexanone	9.372	43	10466	9.003	ug/l #	28
76) 1,2,3-Trichloropropane	11.079	75	35328	28.288	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	35328	96.006	ug/l #	1

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

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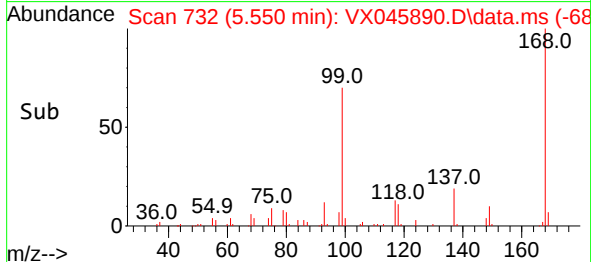
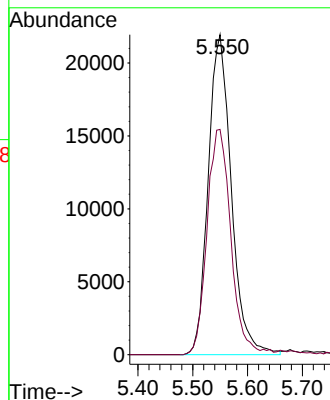
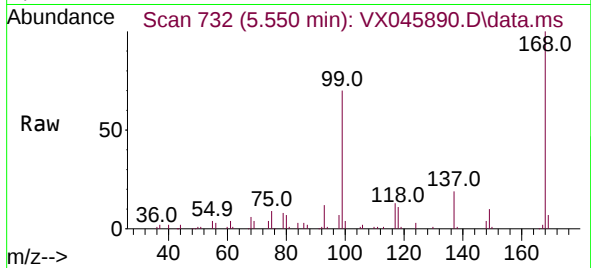




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX045890.D
Acq: 22 Apr 2025 17:13

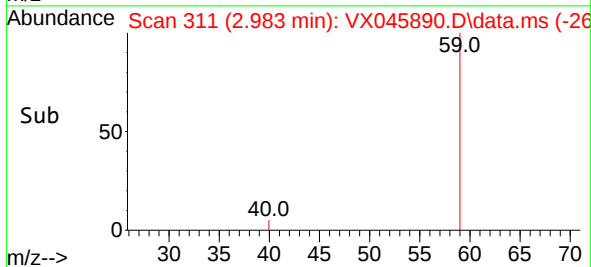
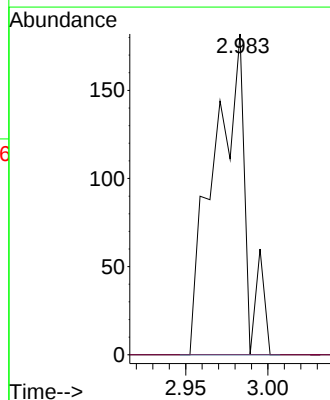
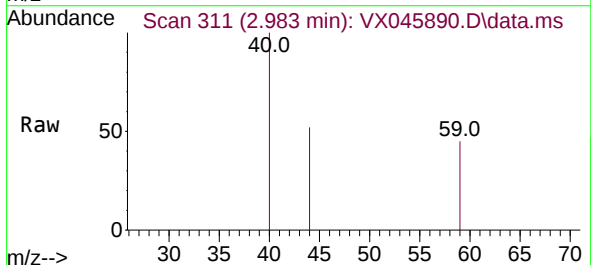
Instrument :
MSVOA_X
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PL-714-COMP-09

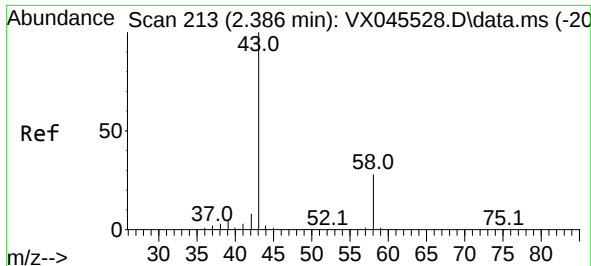
Tgt Ion:168 Resp: 64241
Ion Ratio Lower Upper
168 100
99 70.4 52.3 78.5



#11
Tert butyl alcohol
Concen: 1.564 ug/l
RT: 2.983 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX045890.D
Acq: 22 Apr 2025 17:13

Tgt Ion: 59 Resp: 247
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

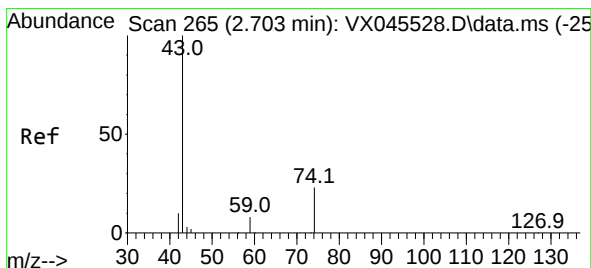
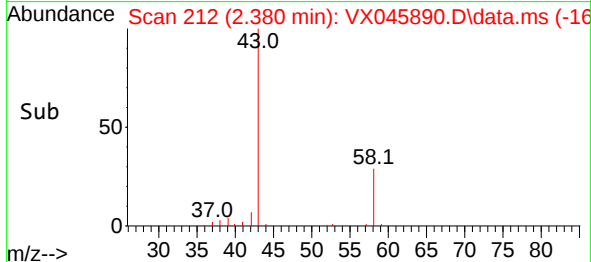
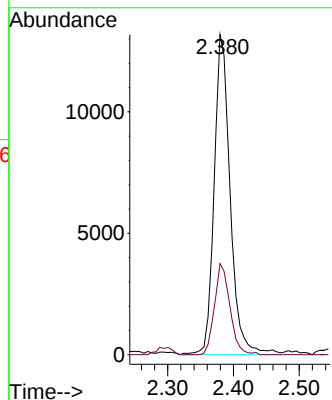
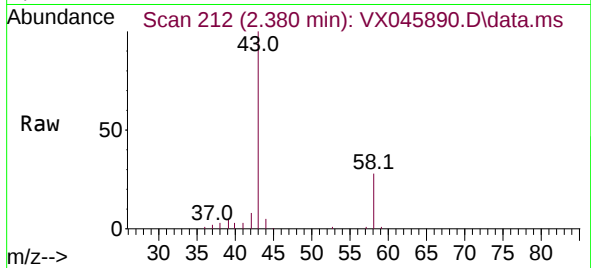




#16
Acetone
Concen: 46.513 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX045890.D
Acq: 22 Apr 2025 17:13

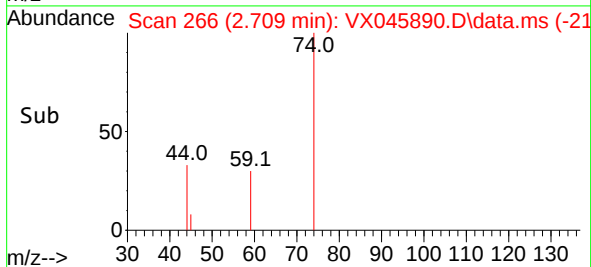
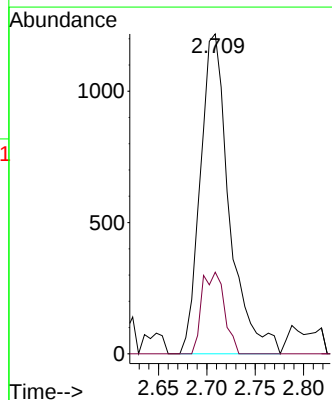
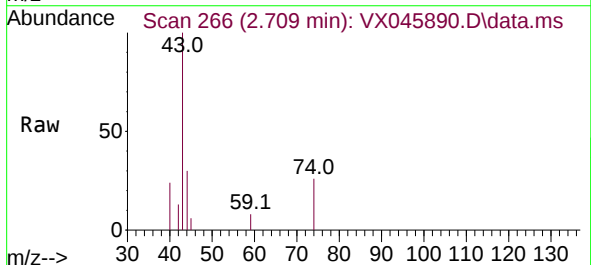
Instrument :
MSVOA_X
ClientSampleId :
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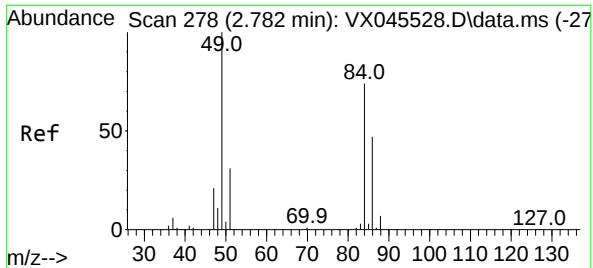
Tgt Ion: 43 Resp: 22438
Ion Ratio Lower Upper
43 100
58 28.4 22.3 33.5



#18
Methyl Acetate
Concen: 2.287 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX045890.D
Acq: 22 Apr 2025 17:13

Tgt Ion: 43 Resp: 2540
Ion Ratio Lower Upper
43 100
74 19.8 17.5 26.3

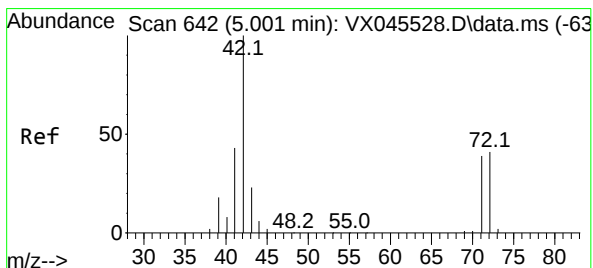
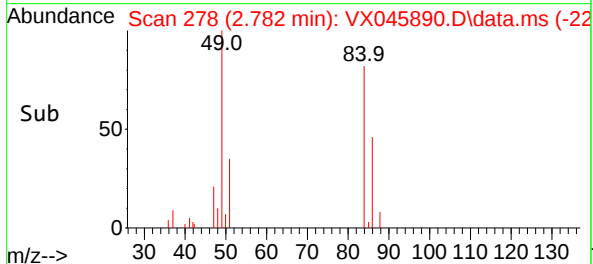
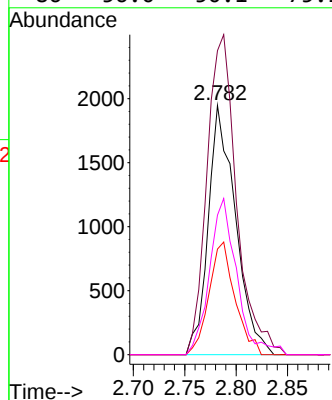
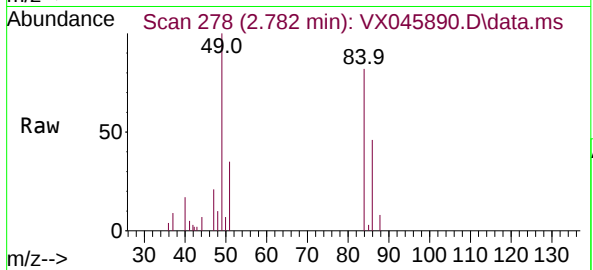




#20
Methylene Chloride
Concen: 3.993 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX045890.D
Acq: 22 Apr 2025 17:13

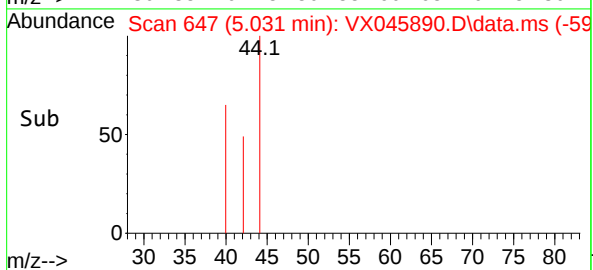
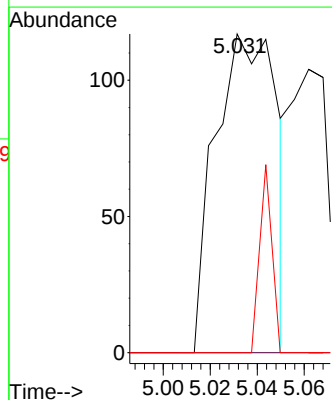
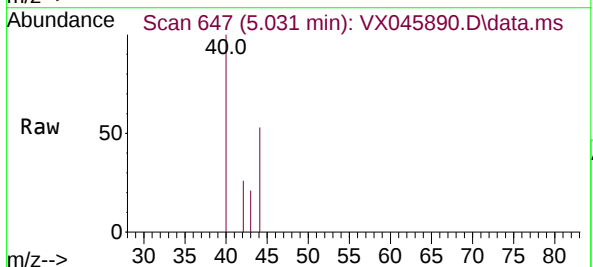
Instrument :
MSVOA_X
ClientSampleId :
PL-714-COMP-09

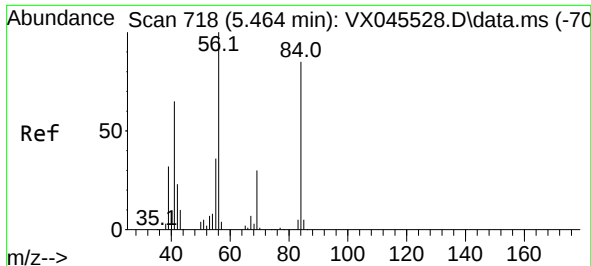
Tgt Ion:	84	Resp:	3606
Ion	Ratio	Lower	Upper
84	100		
49	121.9	107.5	161.3
51	42.4	33.0	49.6
86	56.0	50.1	75.1



#29
Tetrahydrofuran
Concen: 0.467 ug/l
RT: 5.031 min Scan# 647
Delta R.T. 0.030 min
Lab File: VX045890.D
Acq: 22 Apr 2025 17:13

Tgt Ion:	42	Resp:	214
Ion	Ratio	Lower	Upper
42	100		
72	0.0	33.4	50.0#
71	11.7	31.4	47.0#

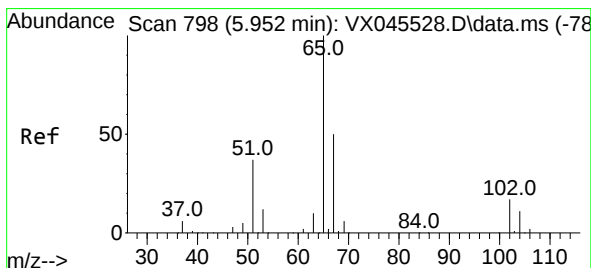
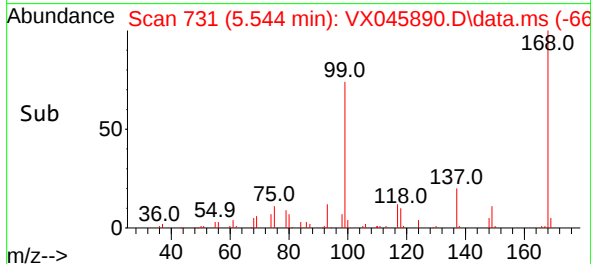
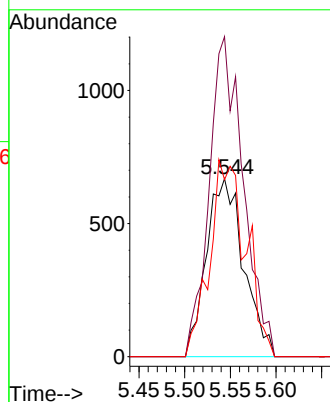
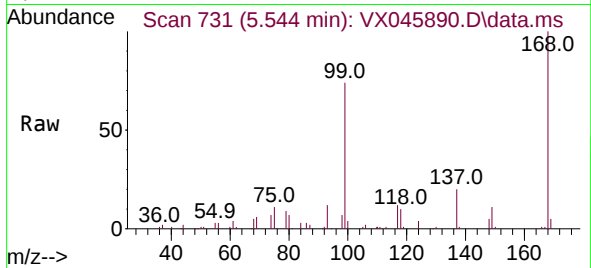




#31
Cyclohexane
Concen: 1.317 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX045890.D
Acq: 22 Apr 2025 17:13

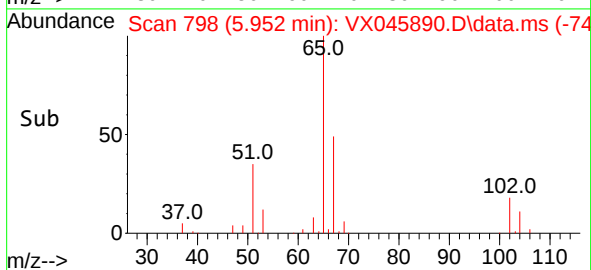
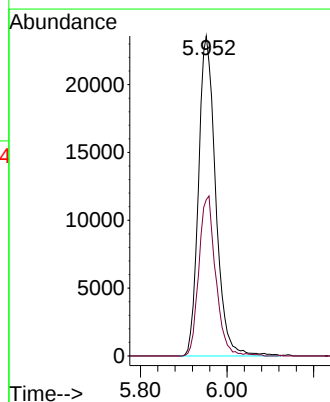
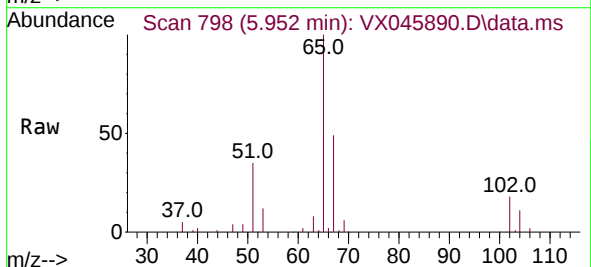
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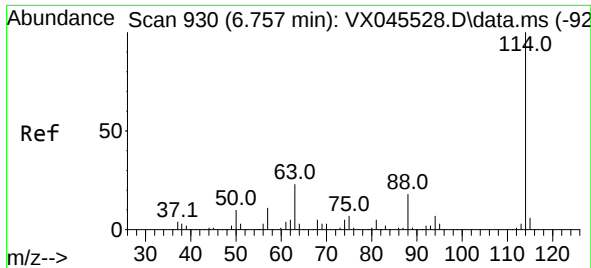
Tgt Ion: 56 Resp: 1898
Ion Ratio Lower Upper
56 100
69 179.7 23.6 35.4#
84 99.4 67.7 101.5



#33
1,2-Dichloroethane-d4
Concen: 55.133 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045890.D
Acq: 22 Apr 2025 17:13

Tgt Ion: 65 Resp: 64770
Ion Ratio Lower Upper
65 100
67 49.2 0.0 99.0

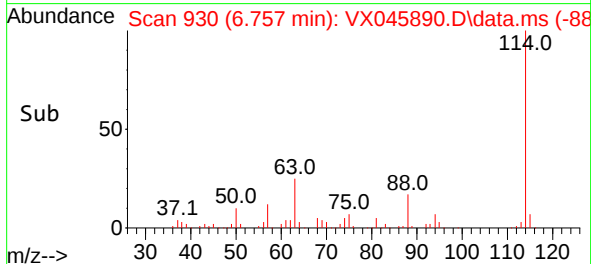
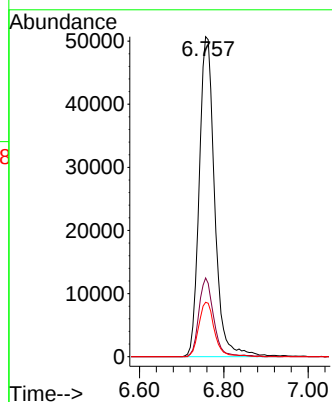
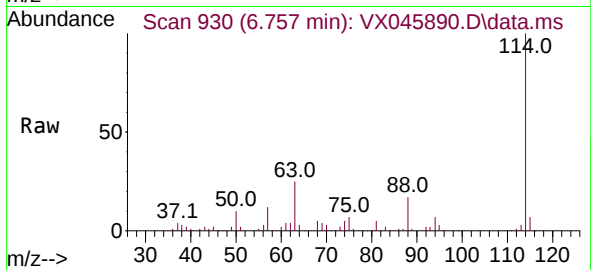




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045890.D
Acq: 22 Apr 2025 17:13

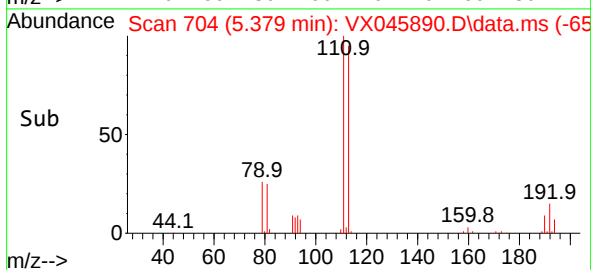
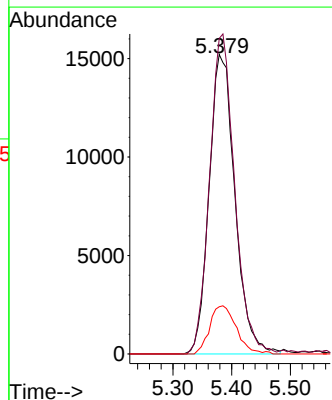
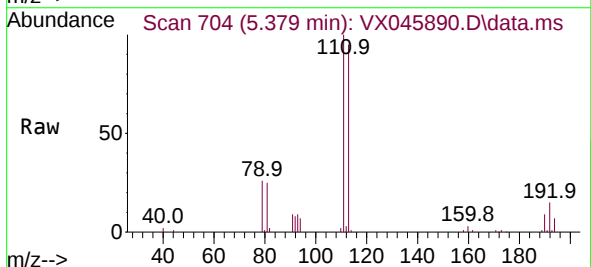
Instrument :
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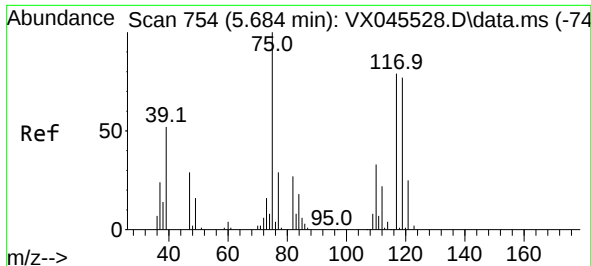
Tgt Ion:114 Resp: 129420
Ion Ratio Lower Upper
114 100
63 24.6 0.0 46.8
88 17.0 0.0 35.4



#35
Dibromofluoromethane
Concen: 50.604 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045890.D
Acq: 22 Apr 2025 17:13

Tgt Ion:113 Resp: 46466
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: 5.291 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX045890.D

Acq: 22 Apr 2025 17:13

Instrument :

MSVOA_X

ClientSampleId :

PL-714-COMP-09

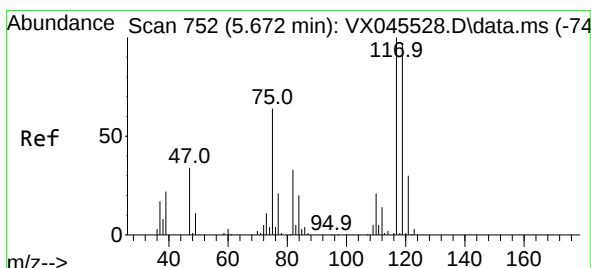
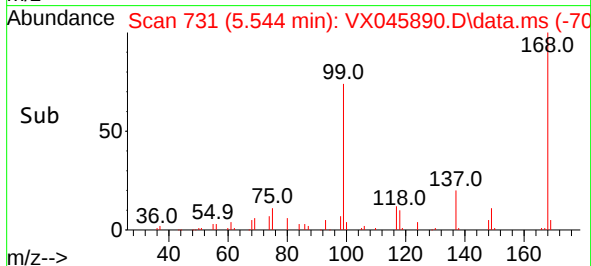
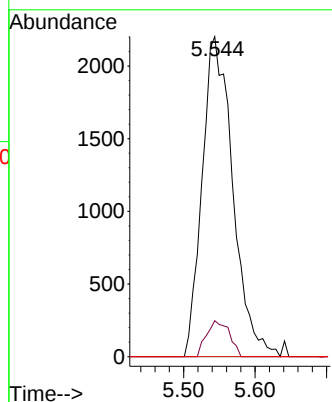
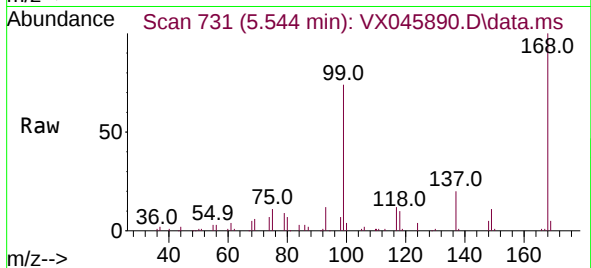
Tgt Ion: 75 Resp: 6560

Ion Ratio Lower Upper

75 100

110 8.4 16.9 50.6#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.873 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.122 min

Lab File: VX045890.D

Acq: 22 Apr 2025 17:13

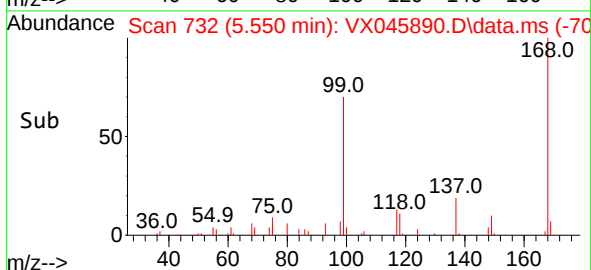
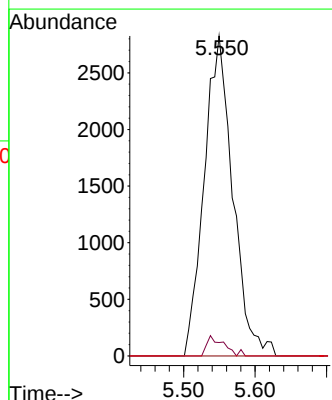
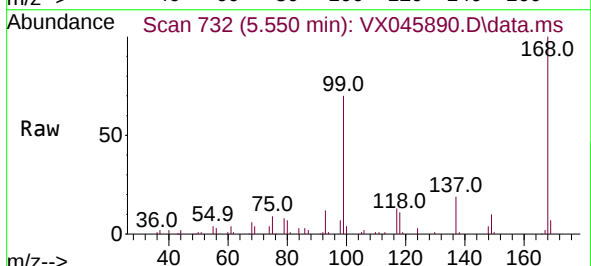
Tgt Ion: 117 Resp: 7869

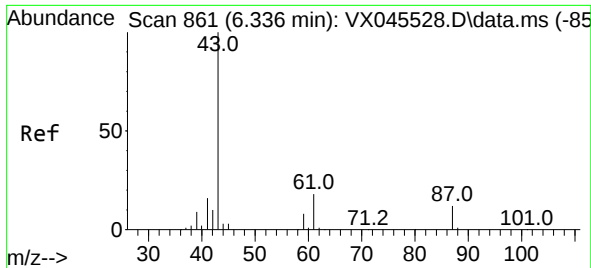
Ion Ratio Lower Upper

117 100

119 4.2 76.9 115.3#

121 0.0 24.2 36.2#

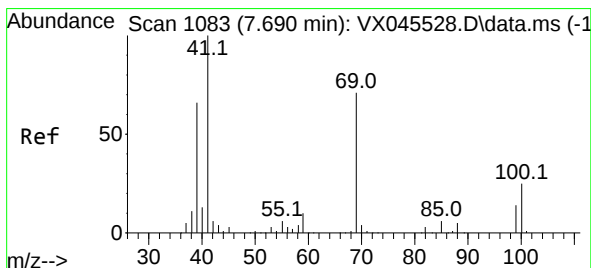
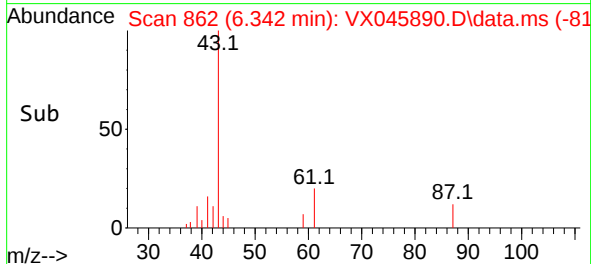
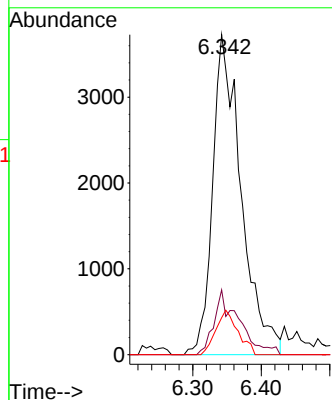
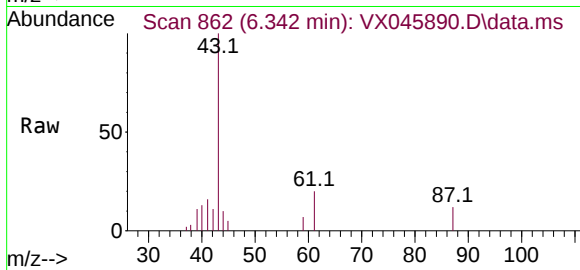




#43
Isopropyl Acetate
Concen: 4.545 ug/l
RT: 6.342 min Scan# 810
Delta R.T. 0.006 min
Lab File: VX045890.D
Acq: 22 Apr 2025 17:13

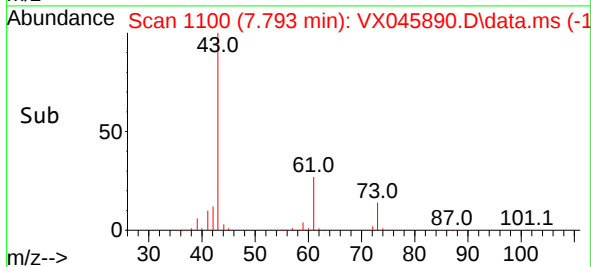
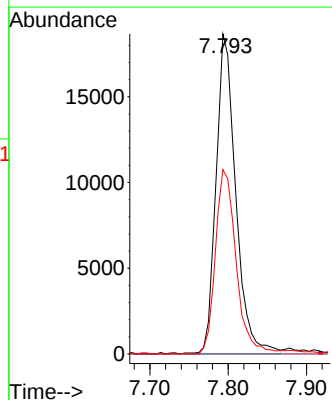
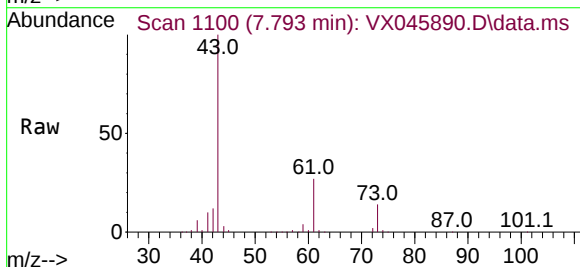
Instrument :
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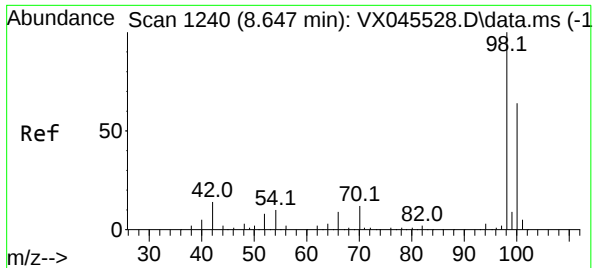
Tgt Ion: 43 Resp: 10763
Ion Ratio Lower Upper
43 100
61 17.8 14.1 21.1
87 10.7 9.2 13.8



#48
Methyl methacrylate
Concen: 26.732 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.104 min
Lab File: VX045890.D
Acq: 22 Apr 2025 17:13

Tgt Ion: 41 Resp: 32684
Ion Ratio Lower Upper
41 100
69 0.0 58.2 87.2#
39 60.8 53.6 80.4

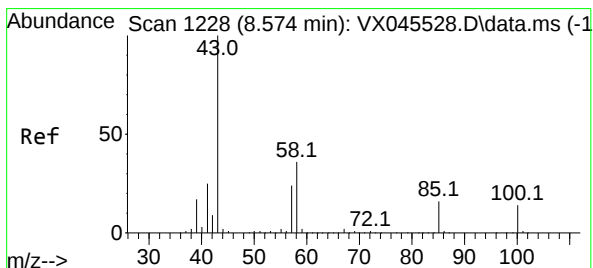
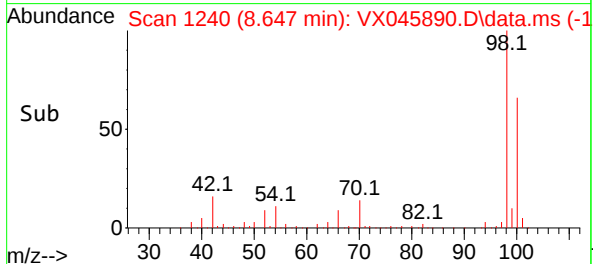
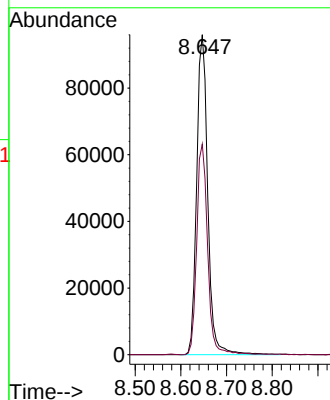
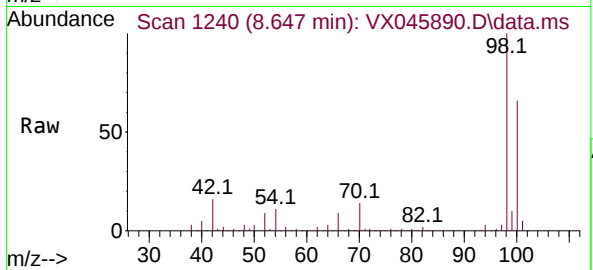




#50
Toluene-d8
Concen: 50.382 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045890.D
Acq: 22 Apr 2025 17:13

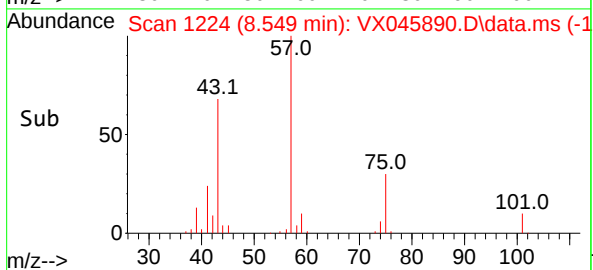
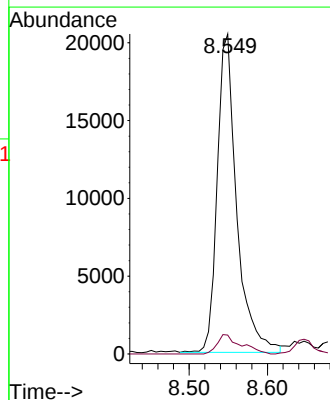
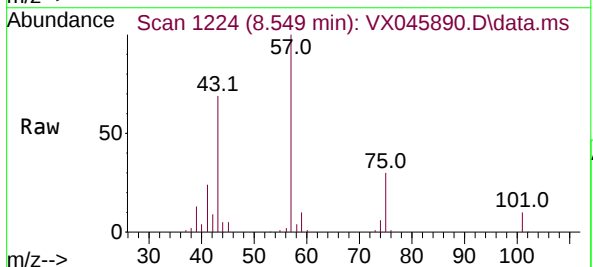
Instrument :
MSVOA_X
ClientSampleId :
PL-714-COMP-09

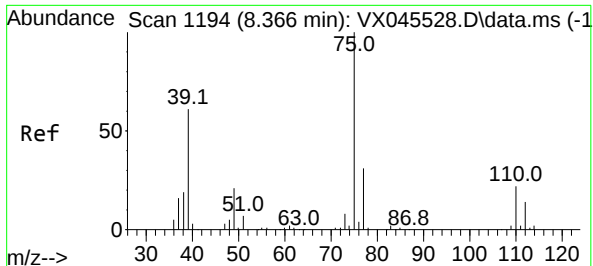
Tgt Ion: 98 Resp: 161474
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 22.535 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX045890.D
Acq: 22 Apr 2025 17:13

Tgt Ion: 43 Resp: 35375
Ion Ratio Lower Upper
43 100
58 7.4 28.5 42.7#

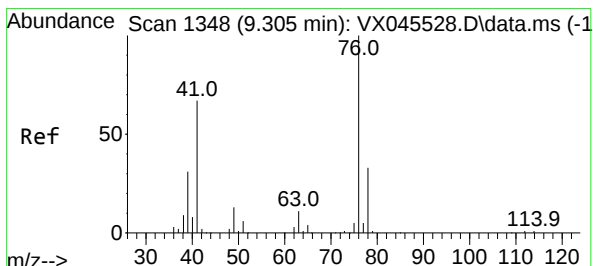
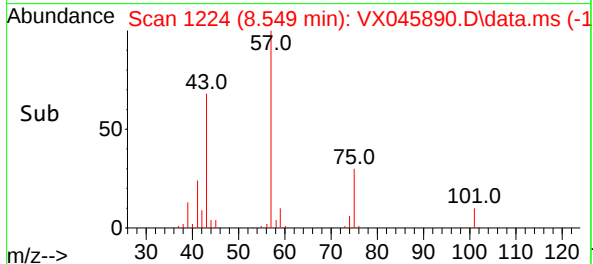
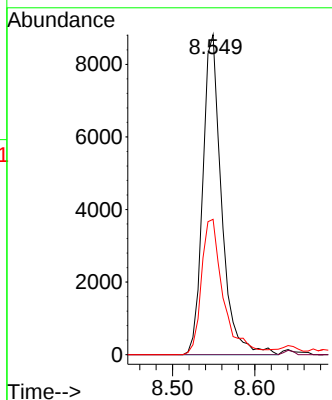
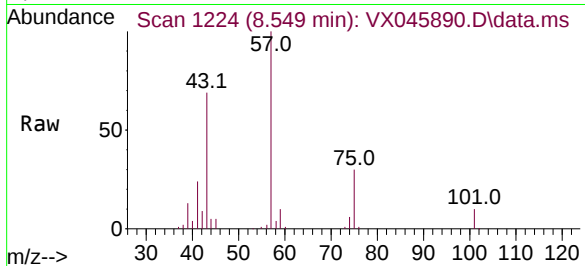




#54
cis-1,3-Dichloropropene
Concen: 10.266 ug/l
RT: 8.549 min Scan# 1194
Delta R.T. 0.183 min
Lab File: VX045890.D
Acq: 22 Apr 2025 17:13

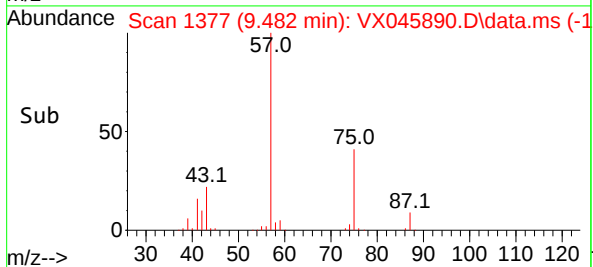
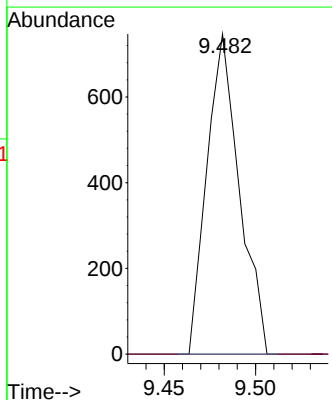
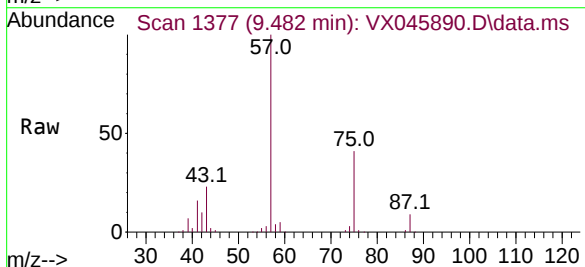
Instrument :
MSVOA_X
ClientSampleId :
PL-714-COMP-09

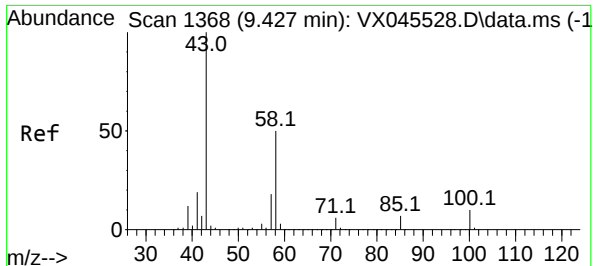
Tgt Ion: 75 Resp: 13973
Ion Ratio Lower Upper
75 100
77 0.0 24.6 36.8#
39 42.3 48.4 72.6#



#57
1,3-Dichloropropane
Concen: 0.582 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.177 min
Lab File: VX045890.D
Acq: 22 Apr 2025 17:13

Tgt Ion: 76 Resp: 926
Ion Ratio Lower Upper
76 100
78 0.0 26.0 39.0#

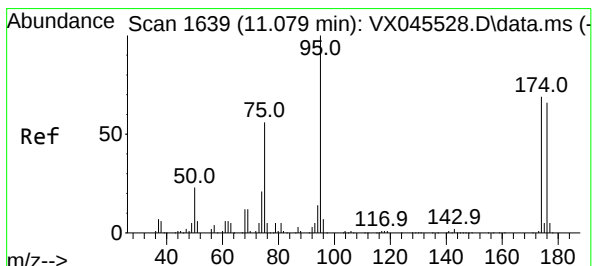
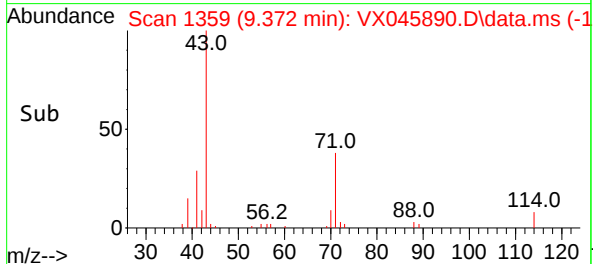
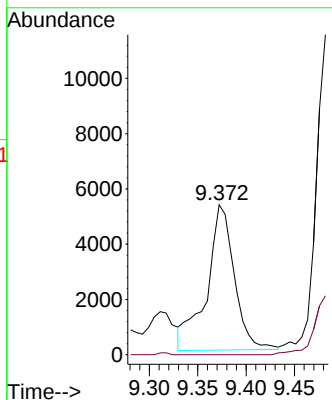
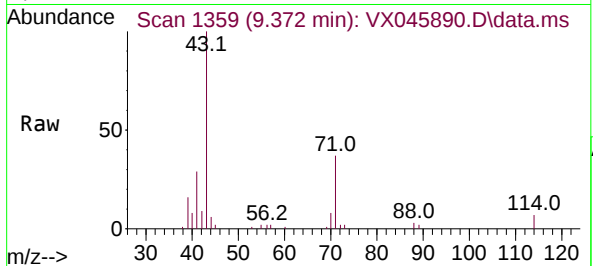




#59
2-Hexanone
Concen: 9.003 ug/l
RT: 9.372 min Scan# 1359
Delta R.T. -0.055 min
Lab File: VX045890.D
Acq: 22 Apr 2025 17:13

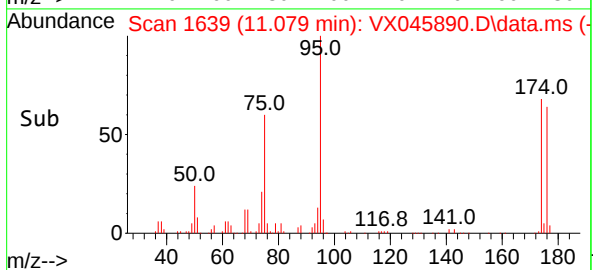
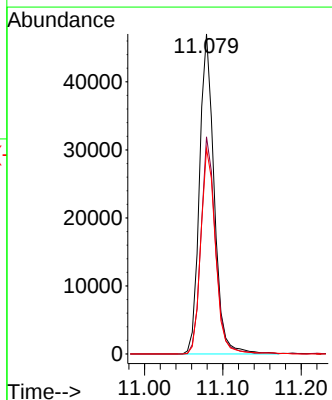
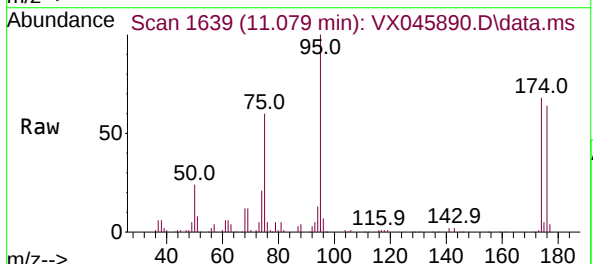
Instrument :
MSVOA_X
ClientSampleId :
PL-714-COMP-09

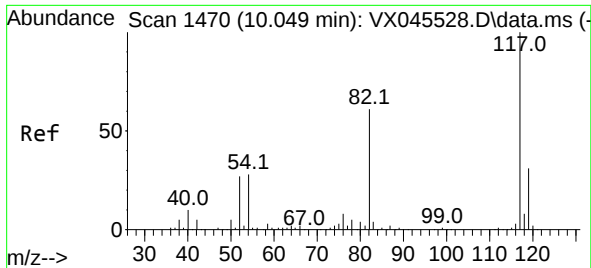
Tgt Ion: 43 Resp: 10466
Ion Ratio Lower Upper
43 100
58 0.0 24.9 74.6#



#62
4-Bromofluorobenzene
Concen: 52.367 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045890.D
Acq: 22 Apr 2025 17:13

Tgt Ion: 95 Resp: 61134
Ion Ratio Lower Upper
95 100
174 66.8 0.0 135.8
176 64.3 0.0 131.4

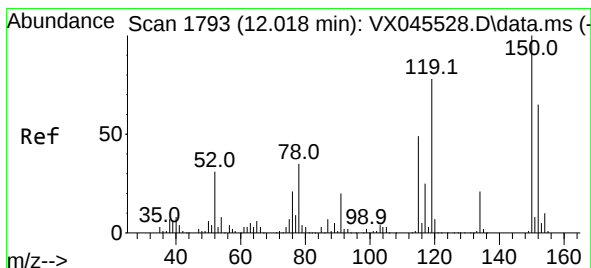
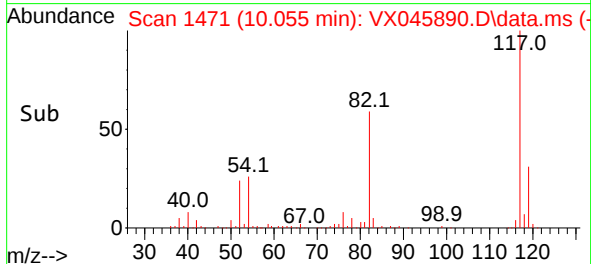
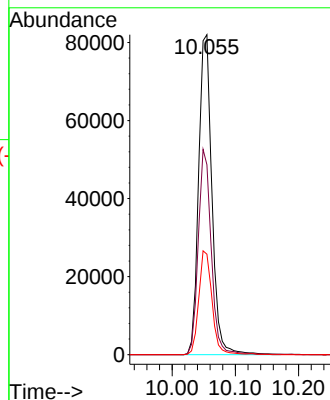
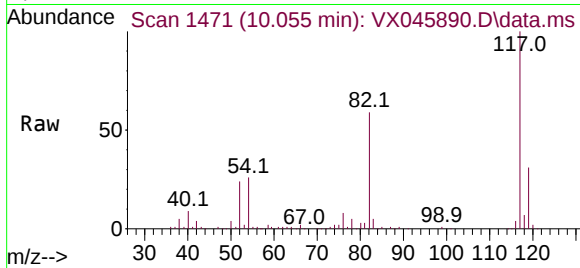




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX045890.D
Acq: 22 Apr 2025 17:13

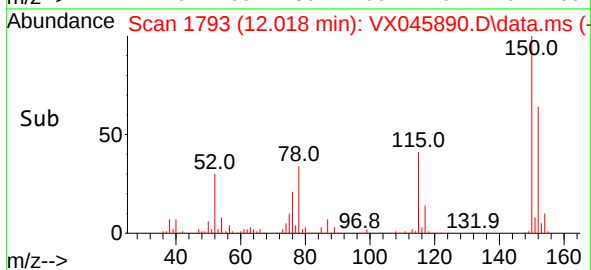
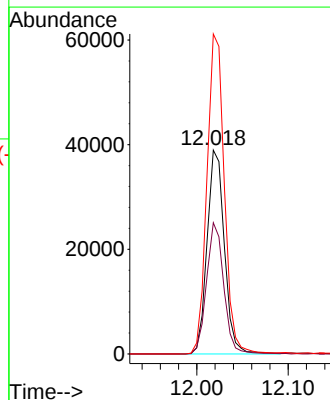
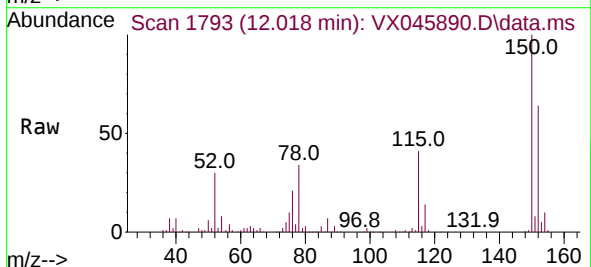
Instrument :
MSVOA_X
ClientSampleId :
PL-714-COMP-09

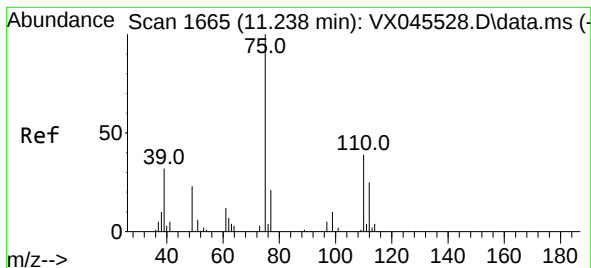
Tgt Ion:117 Resp: 120391
Ion Ratio Lower Upper
117 100
82 59.3 49.2 73.8
119 31.4 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045890.D
Acq: 22 Apr 2025 17:13

Tgt Ion:152 Resp: 51199
Ion Ratio Lower Upper
152 100
115 63.9 46.9 140.7
150 157.2 0.0 349.4





#76

1,2,3-Trichloropropane

Concen: 28.288 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX045890.D

Acq: 22 Apr 2025 17:13

Instrument :

MSVOA_X

ClientSampleId :

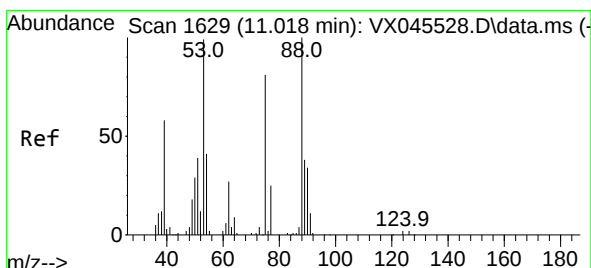
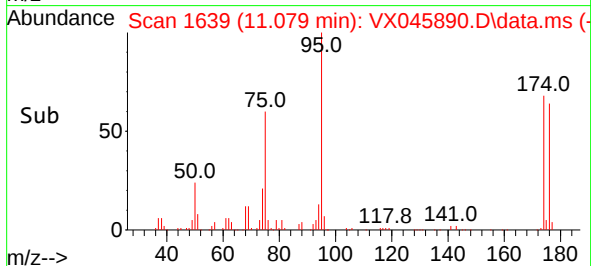
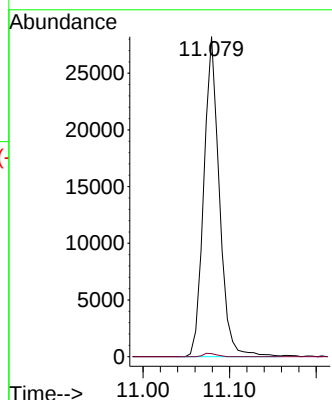
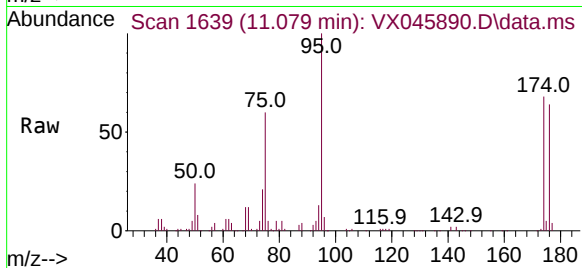
PL-714-COMP-09

Tgt Ion: 75 Resp: 35328

Ion Ratio Lower Upper

75 100

77 0.9 20.0 59.9#



#81

trans-1,4-Dichloro-2-butene

Concen: 96.006 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX045890.D

Acq: 22 Apr 2025 17:13

Tgt Ion: 75 Resp: 35328

Ion Ratio Lower Upper

75 100

53 0.0 101.8 152.6#

89 0.0 37.2 55.8#

