

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042225\
 Data File : VX045889.D
 Acq On : 22 Apr 2025 16:50
 Operator : JC/MD
 Sample : Q1842-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PL-714-COMP-08

Quant Time: Apr 23 01:35:41 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)

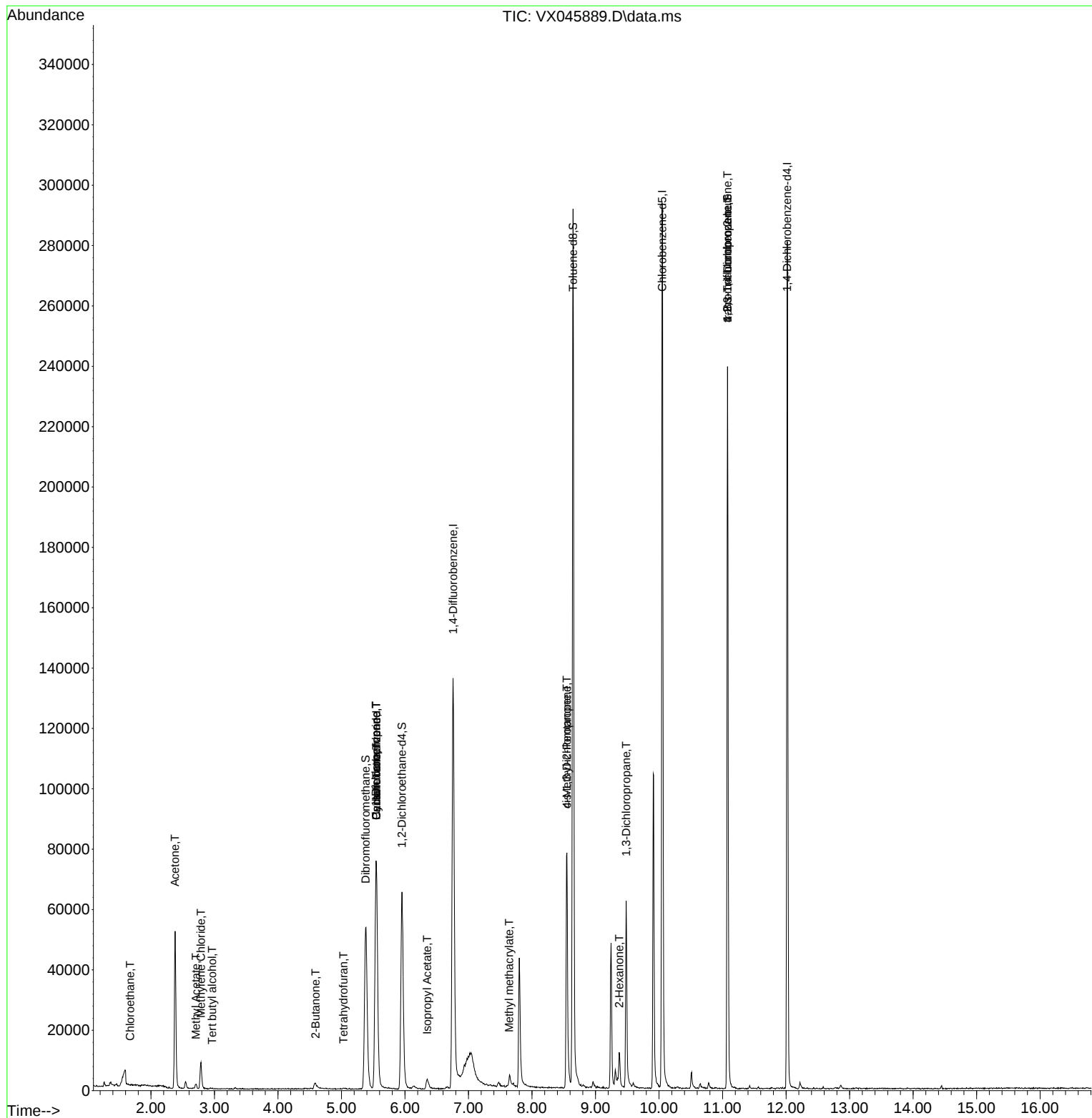
Internal Standards						
1) Pentafluorobenzene	5.550	168	65715	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	132009	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	122961	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51515	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	65520	54.520	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.040%			
35) Dibromofluoromethane	5.379	113	46721	49.883	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.760%			
50) Toluene-d8	8.647	98	164178	50.221	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.440%			
62) 4-Bromofluorobenzene	11.079	95	62794	52.734	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.460%			
Target Compounds					Qvalue	
6) Chloroethane	1.672	64	122	0.249	ug/l #	42
11) Tert butyl alcohol	2.965	59	190	1.176	ug/l #	72
16) Acetone	2.380	43	55251	111.963	ug/l	99
18) Methyl Acetate	2.709	43	2422	2.132	ug/l	93
20) Methylene Chloride	2.788	84	3955	4.281	ug/l	89
25) 2-Butanone	4.593	43	4615	6.389	ug/l	97
29) Tetrahydrofuran	5.032	42	170	0.363	ug/l #	58
31) Cyclohexane	5.550	56	1968	1.335	ug/l #	31
36) 1,1-Dichloropropene	5.544	75	6669	5.274	ug/l #	49
38) Carbon Tetrachloride	5.550	117	7801	5.708	ug/l #	15
43) Isopropyl Acetate	6.348	43	5330	2.207	ug/l #	93
48) Methyl methacrylate	7.641	41	295	0.237	ug/l #	15
51) 4-Methyl-2-Pentanone	8.549	43	31454	19.644	ug/l #	52
54) cis-1,3-Dichloropropene	8.549	75	12010	8.651	ug/l #	67
57) 1,3-Dichloropropane	9.482	76	558	0.344	ug/l #	42
59) 2-Hexanone	9.372	43	9431	7.954	ug/l #	28
76) 1,2,3-Trichloropropane	11.079	75	36139	28.760	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	36139	97.608	ug/l #	1

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

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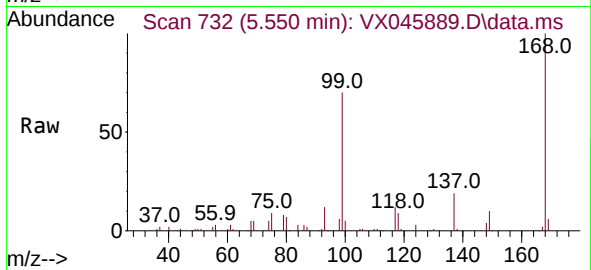
Quant Time: Apr 23 01:35:41 2025
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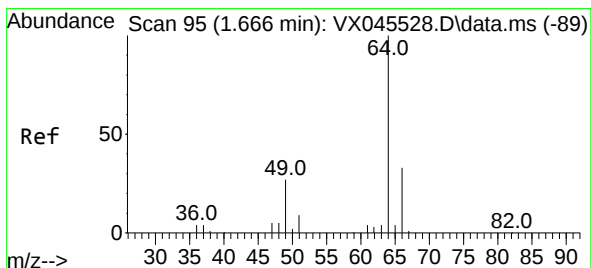
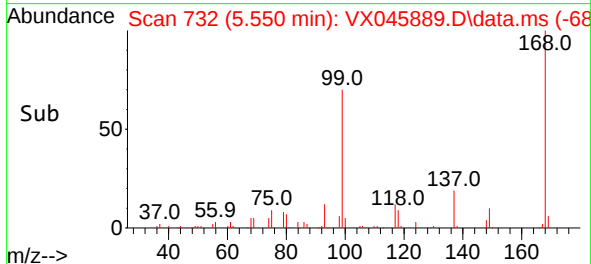
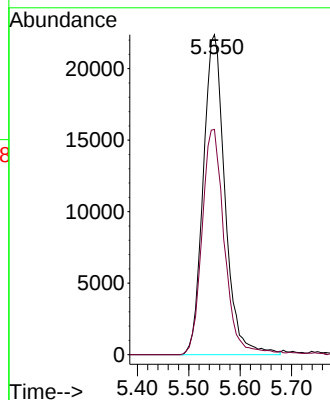


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045889.D
Acq: 22 Apr 2025 16:50

Instrument :
MSVOA_X
ClientSampleId :
PL-714-COMP-08

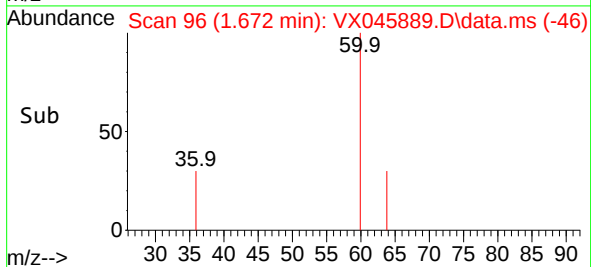
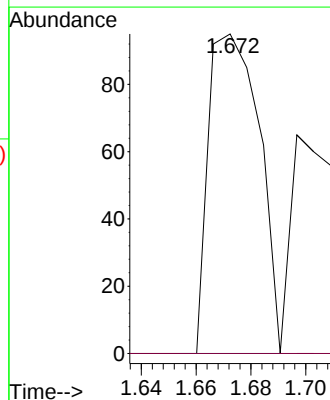
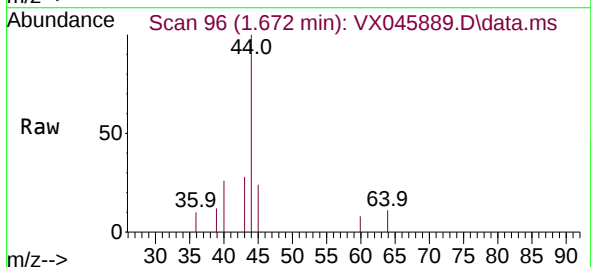


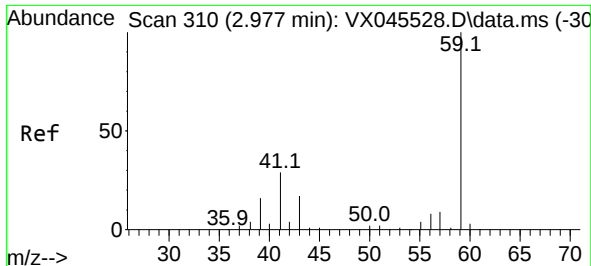
Tgt Ion:168 Resp: 65715
Ion Ratio Lower Upper
168 100
99 70.4 52.3 78.5



#6
Chloroethane
Concen: 0.249 ug/l
RT: 1.672 min Scan# 96
Delta R.T. 0.006 min
Lab File: VX045889.D
Acq: 22 Apr 2025 16:50

Tgt Ion: 64 Resp: 122
Ion Ratio Lower Upper
64 100
66 0.0 26.3 39.5

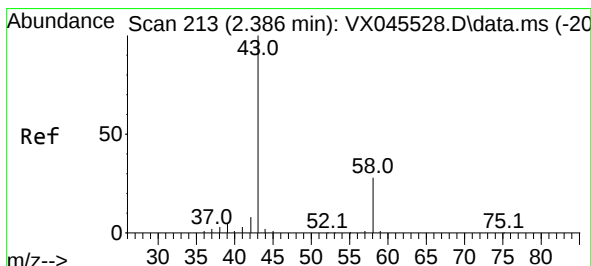
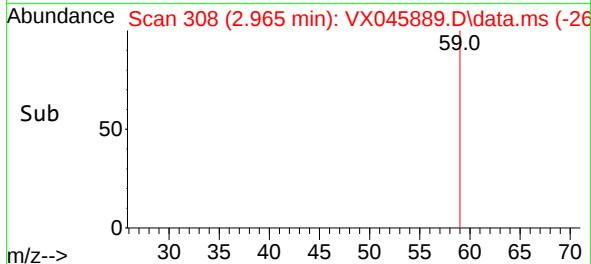
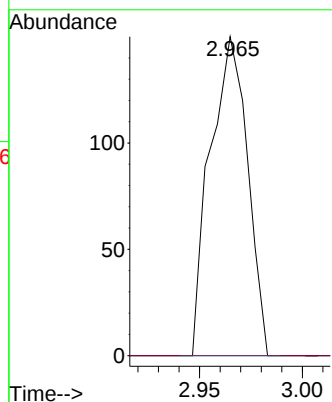
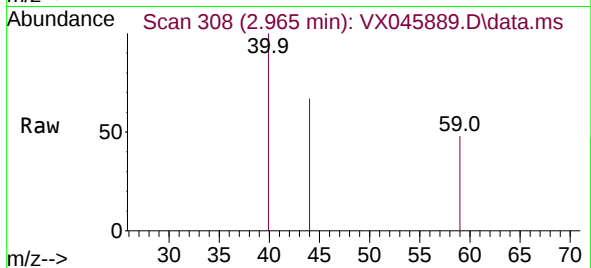




#11
Tert butyl alcohol
Concen: 1.176 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX045889.D
Acq: 22 Apr 2025 16:50

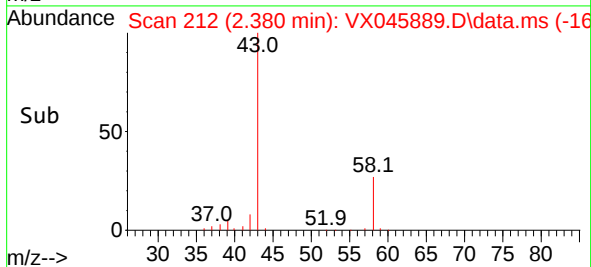
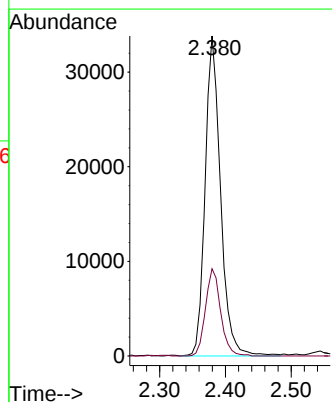
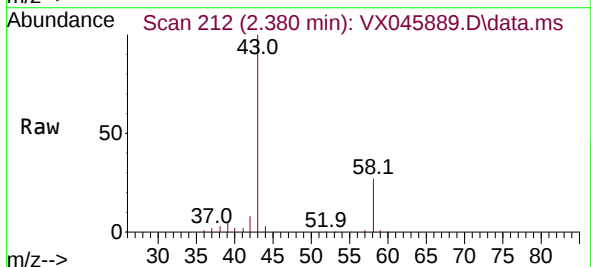
Instrument :
MSVOA_X
ClientSampleId :
PL-714-COMP-08

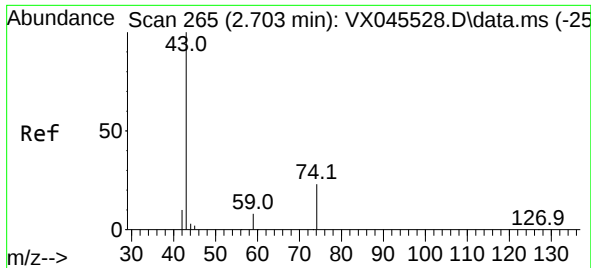
Tgt Ion: 59 Resp: 190
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#16
Acetone
Concen: 111.963 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045889.D
Acq: 22 Apr 2025 16:50

Tgt Ion: 43 Resp: 55251
Ion Ratio Lower Upper
43 100
58 27.2 22.3 33.5

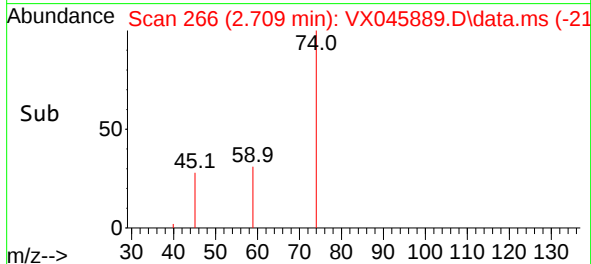
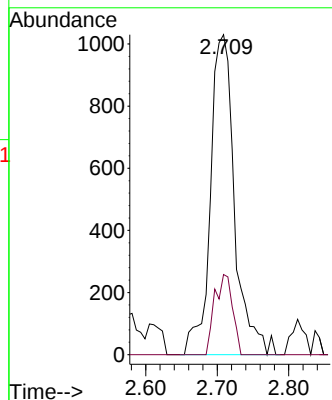
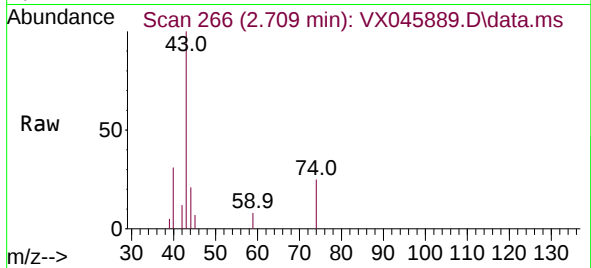




#18
Methyl Acetate
Concen: 2.132 ug/l
RT: 2.709 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX045889.D
Acq: 22 Apr 2025 16:50

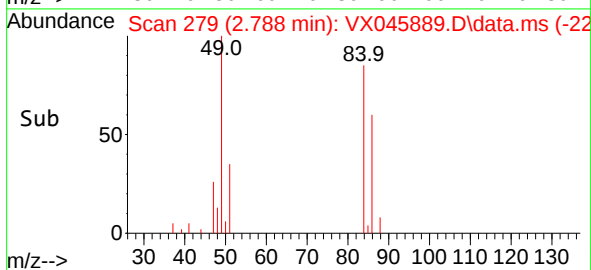
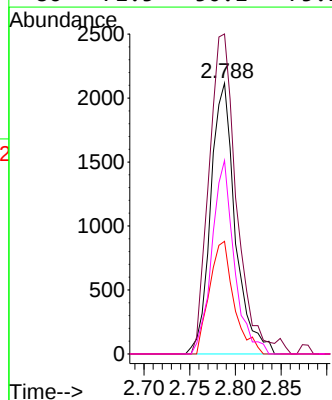
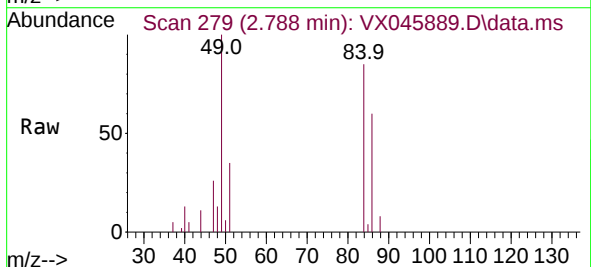
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ClientSampleId :
PL-714-COMP-08

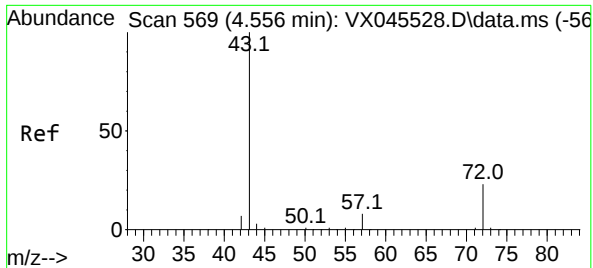
Tgt Ion: 43 Resp: 2422
Ion Ratio Lower Upper
43 100
74 18.5 17.5 26.3



#20
Methylene Chloride
Concen: 4.281 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX045889.D
Acq: 22 Apr 2025 16:50

Tgt Ion: 84 Resp: 3955
Ion Ratio Lower Upper
84 100
49 118.2 107.5 161.3
51 41.6 33.0 49.6
86 71.5 50.1 75.1

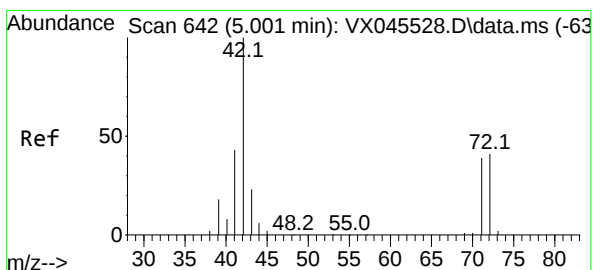
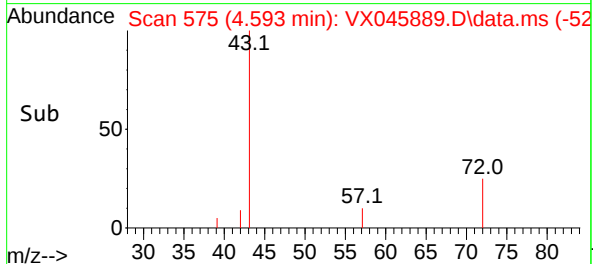
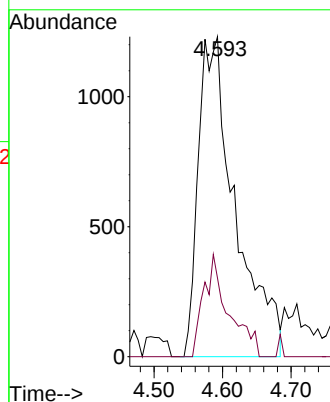
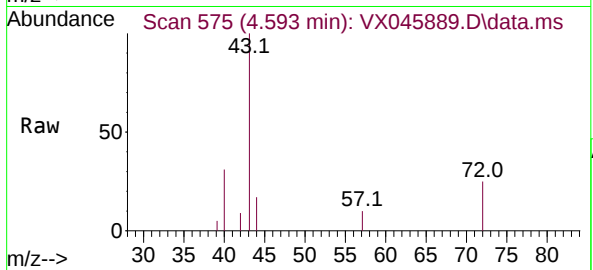




#25
2-Butanone
Concen: 6.389 ug/l
RT: 4.593 min Scan# 51
Delta R.T. 0.037 min
Lab File: VX045889.D
Acq: 22 Apr 2025 16:50

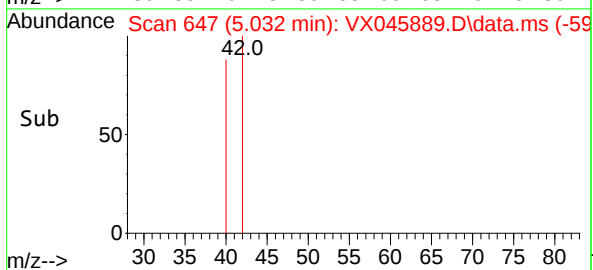
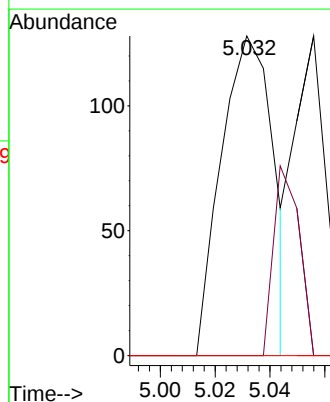
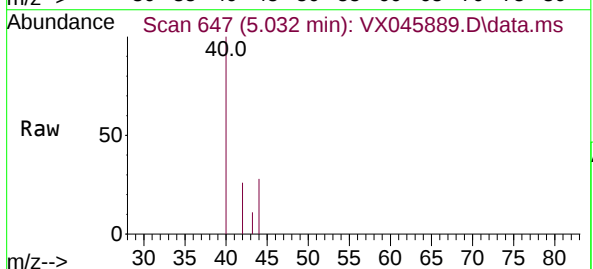
Instrument :
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ClientSampleId :
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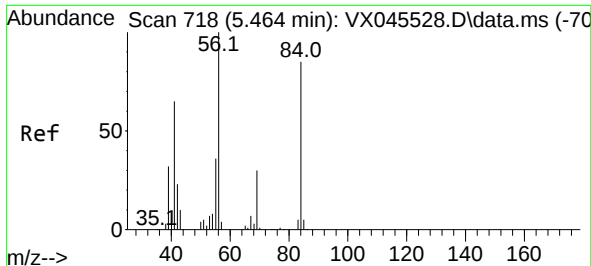
Tgt Ion: 43 Resp: 4615
Ion Ratio Lower Upper
43 100
72 24.6 18.6 28.0



#29
Tetrahydrofuran
Concen: 0.363 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.030 min
Lab File: VX045889.D
Acq: 22 Apr 2025 16:50

Tgt Ion: 42 Resp: 170
Ion Ratio Lower Upper
42 100
72 28.8 33.4 50.0#
71 0.0 31.4 47.0#

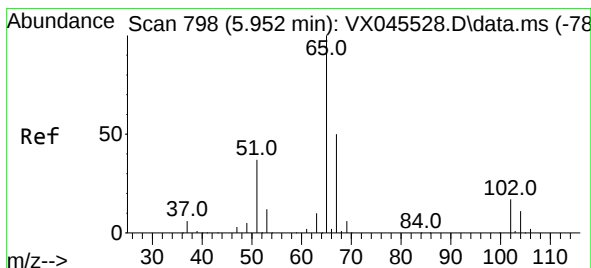
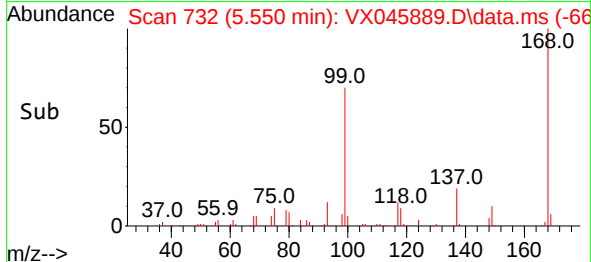
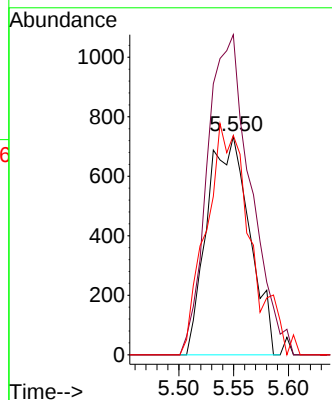
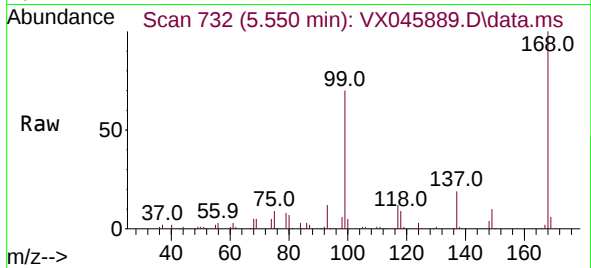




#31
Cyclohexane
Concen: 1.335 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX045889.D
Acq: 22 Apr 2025 16:50

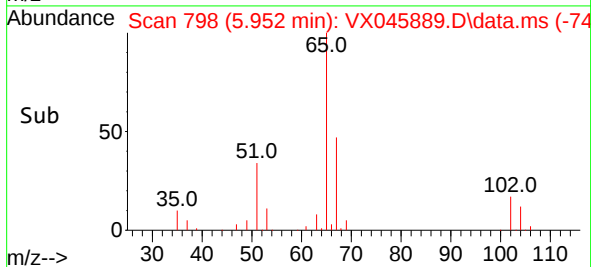
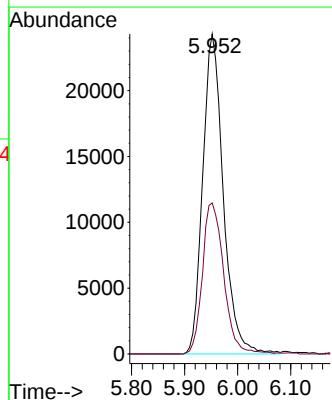
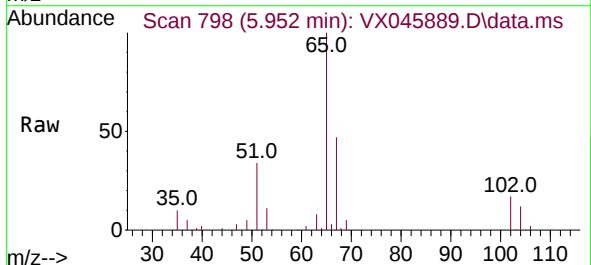
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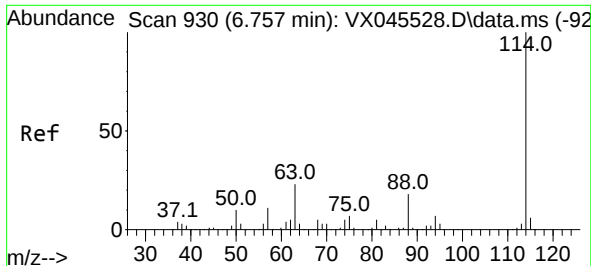
Tgt Ion: 56 Resp: 1968
Ion Ratio Lower Upper
56 100
69 146.6 23.6 35.4#
84 100.4 67.7 101.5



#33
1,2-Dichloroethane-d4
Concen: 54.520 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045889.D
Acq: 22 Apr 2025 16:50

Tgt Ion: 65 Resp: 65520
Ion Ratio Lower Upper
65 100
67 48.9 0.0 99.0

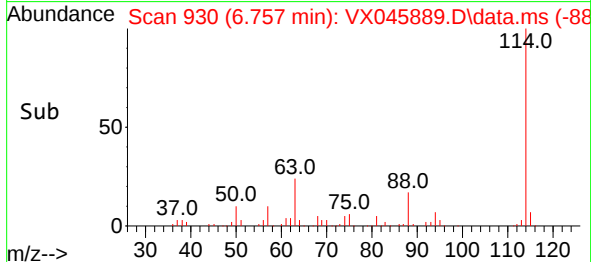
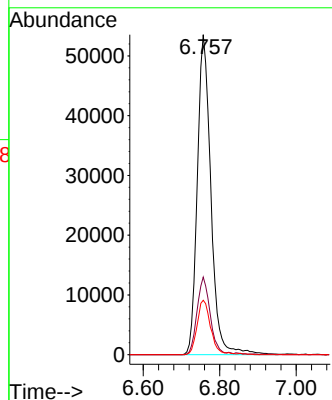
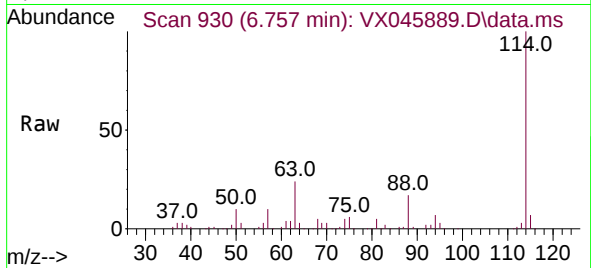




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045889.D
Acq: 22 Apr 2025 16:50

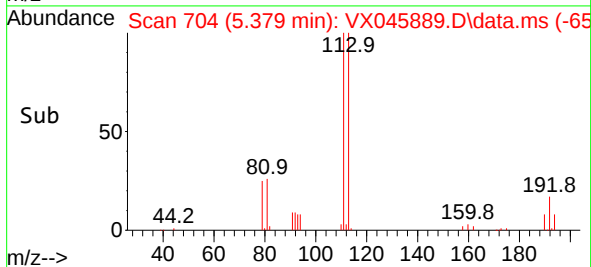
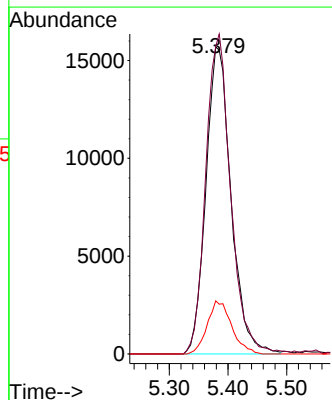
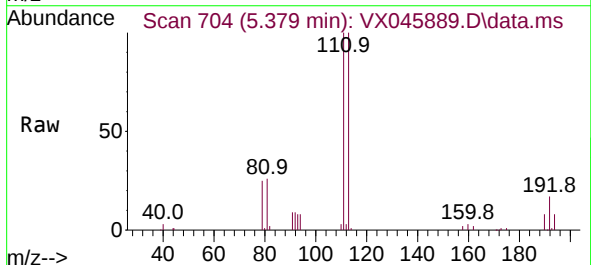
Instrument :
MSVOA_X
ClientSampleId :
PL-714-COMP-08

Tgt Ion:114 Resp: 132009
Ion Ratio Lower Upper
114 100
63 24.2 0.0 46.8
88 17.0 0.0 35.4



#35
Dibromofluoromethane
Concen: 49.883 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045889.D
Acq: 22 Apr 2025 16:50

Tgt Ion:113 Resp: 46721
Ion Ratio Lower Upper
113 100
111 103.2 81.8 122.6
192 16.7 13.8 20.6





#36

1,1-Dichloropropene

Concen: 5.274 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX045889.D

Acq: 22 Apr 2025 16:50

Instrument :

MSVOA_X

ClientSampleId :

PL-714-COMP-08

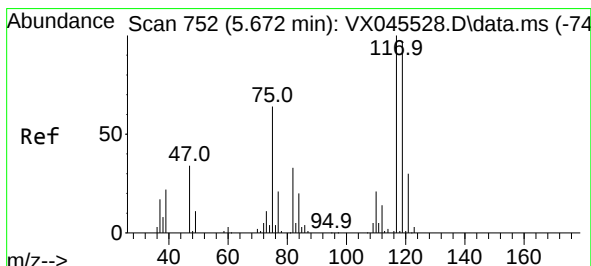
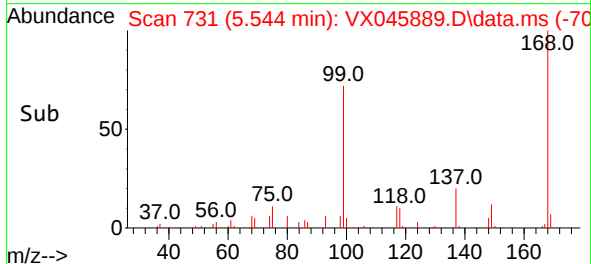
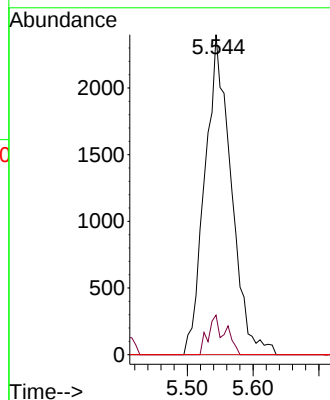
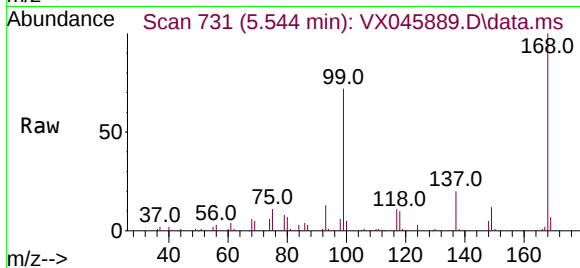
Tgt Ion: 75 Resp: 6669

Ion Ratio Lower Upper

75 100

110 8.1 16.9 50.6#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.708 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.122 min

Lab File: VX045889.D

Acq: 22 Apr 2025 16:50

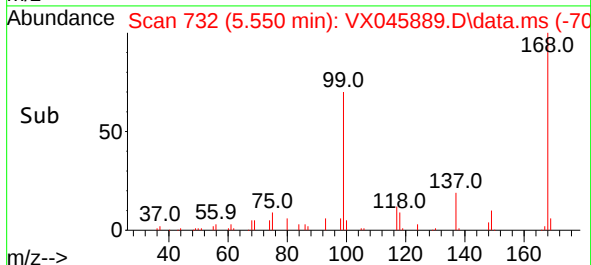
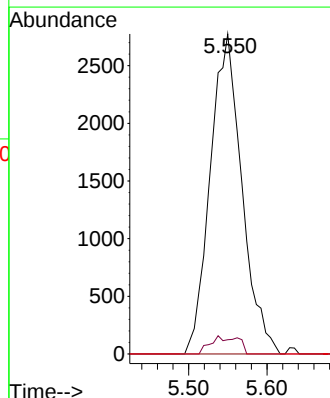
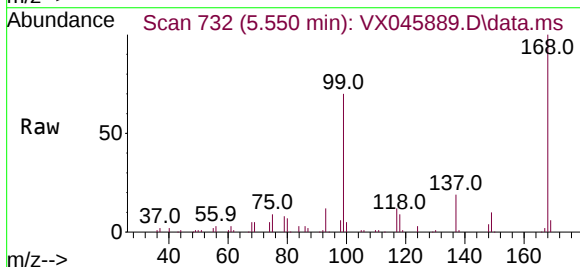
Tgt Ion: 117 Resp: 7801

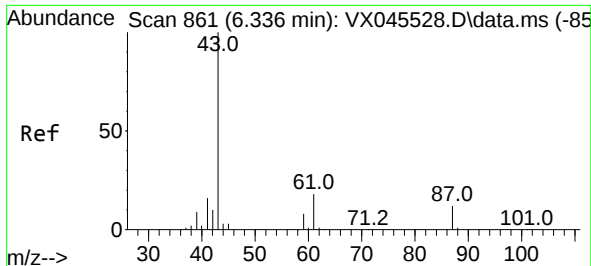
Ion Ratio Lower Upper

117 100

119 4.5 76.9 115.3#

121 0.0 24.2 36.2#

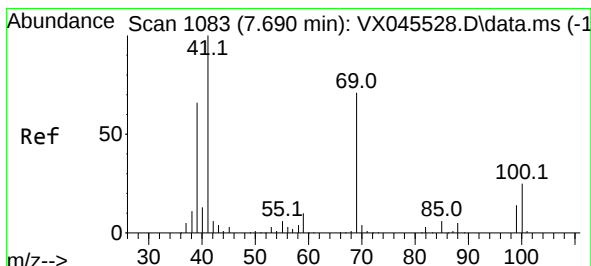
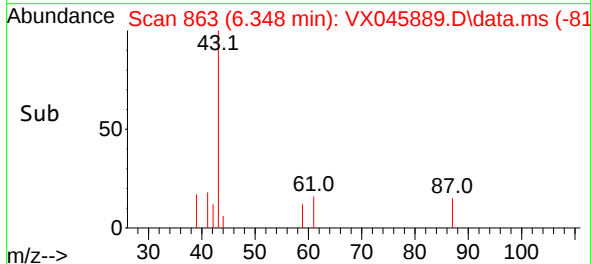
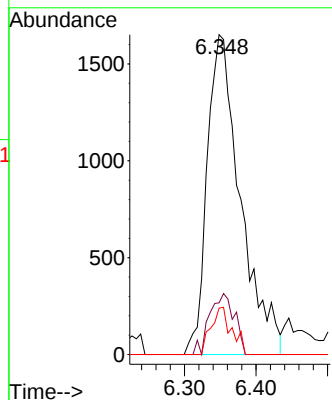
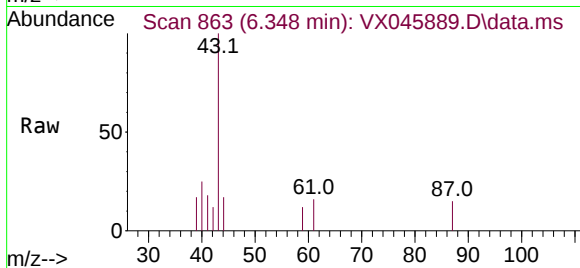




#43
Isopropyl Acetate
Concen: 2.207 ug/l
RT: 6.348 min Scan# 81
Delta R.T. 0.012 min
Lab File: VX045889.D
Acq: 22 Apr 2025 16:50

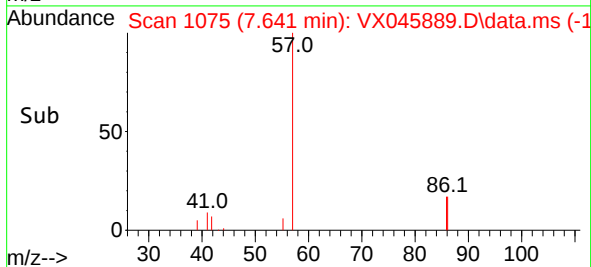
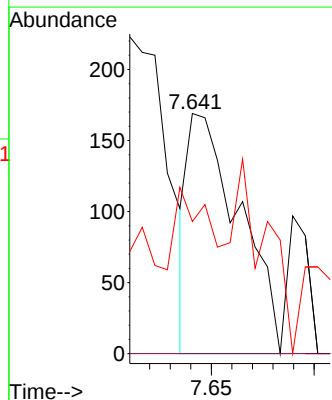
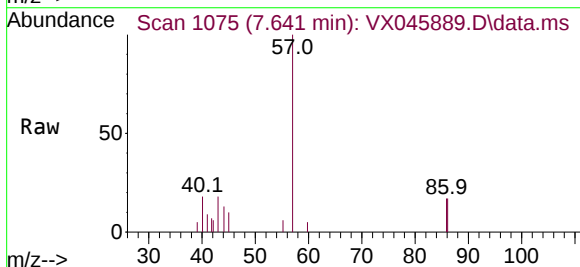
Instrument :
MSVOA_X
ClientSampleId :
PL-714-COMP-08

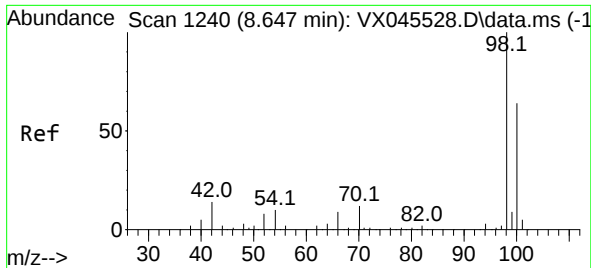
Tgt Ion: 43 Resp: 5330
Ion Ratio Lower Upper
43 100
61 14.3 14.1 21.1
87 9.2 9.2 13.8#



#48
Methyl methacrylate
Concen: 0.237 ug/l
RT: 7.641 min Scan# 1075
Delta R.T. -0.049 min
Lab File: VX045889.D
Acq: 22 Apr 2025 16:50

Tgt Ion: 41 Resp: 295
Ion Ratio Lower Upper
41 100
69 0.0 58.2 87.2#
39 0.0 53.6 80.4#

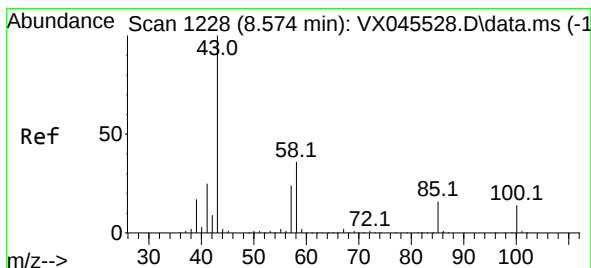
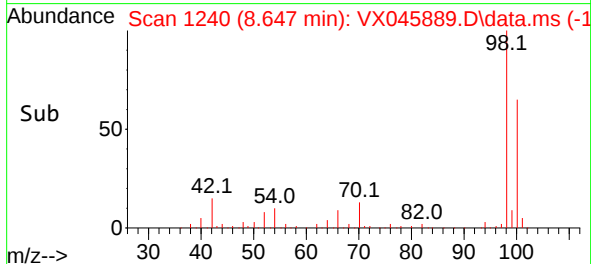
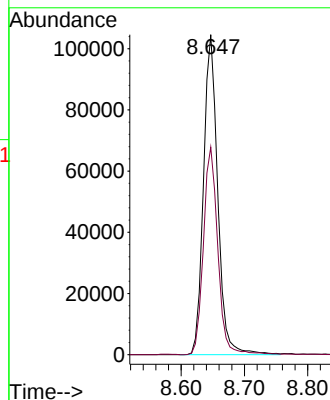
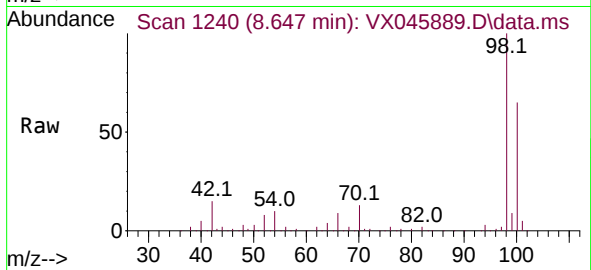




#50
Toluene-d8
Concen: 50.221 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045889.D
Acq: 22 Apr 2025 16:50

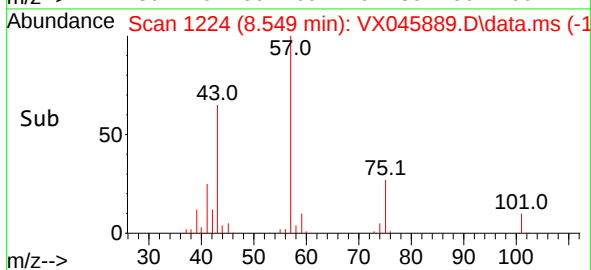
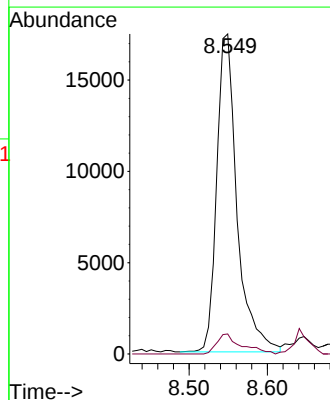
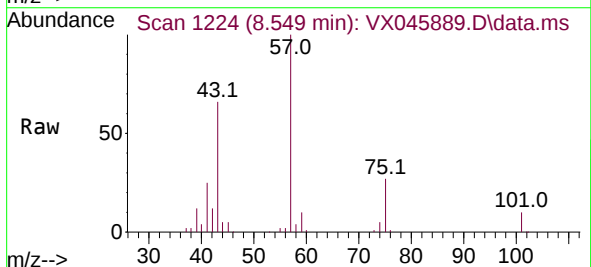
Instrument :
MSVOA_X
ClientSampleId :
PL-714-COMP-08

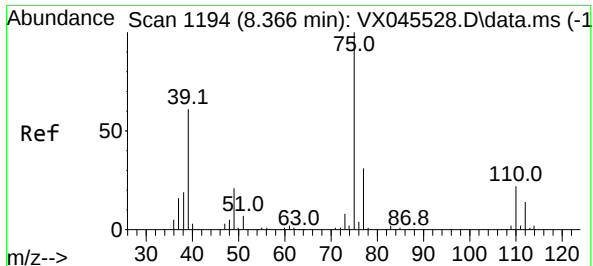
Tgt Ion: 98 Resp: 164178
Ion Ratio Lower Upper
98 100
100 65.8 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 19.644 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX045889.D
Acq: 22 Apr 2025 16:50

Tgt Ion: 43 Resp: 31454
Ion Ratio Lower Upper
43 100
58 7.6 28.5 42.7#

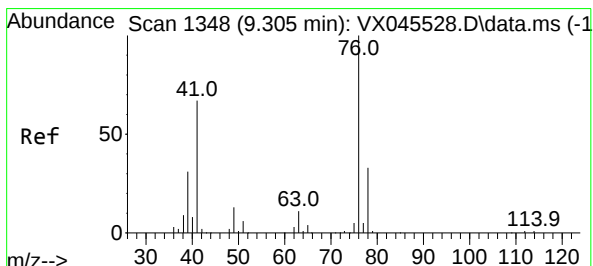
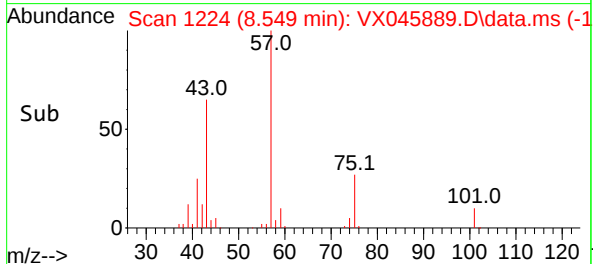
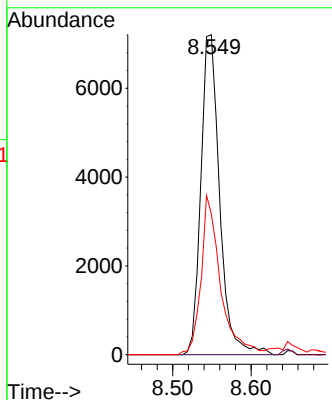
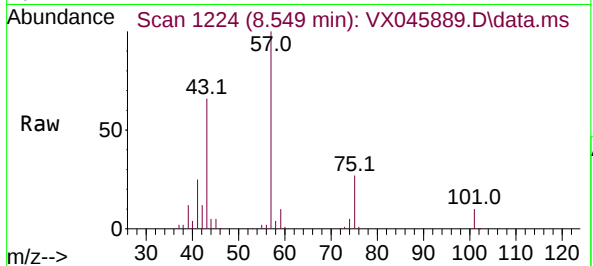




#54
 cis-1,3-Dichloropropene
 Concen: 8.651 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX045889.D
 Acq: 22 Apr 2025 16:50

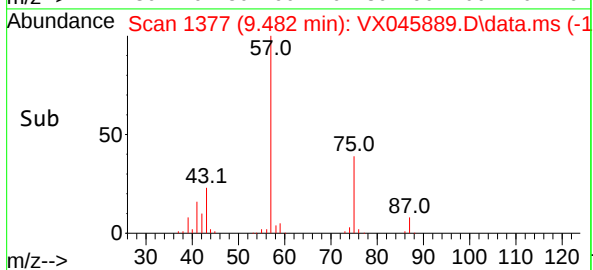
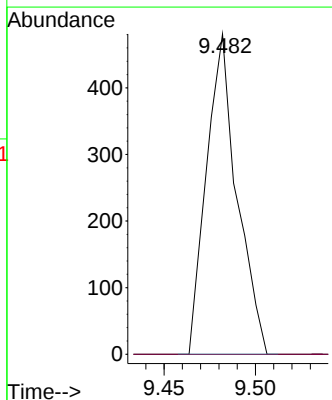
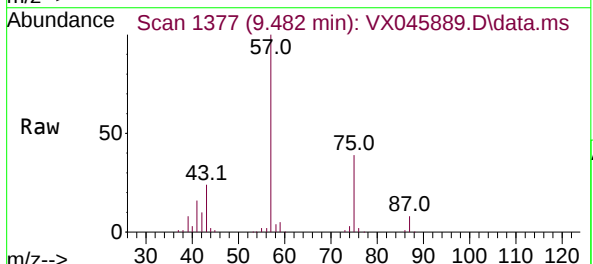
Instrument :
 MSVOA_X
 ClientSampleId :
 PL-714-COMP-08

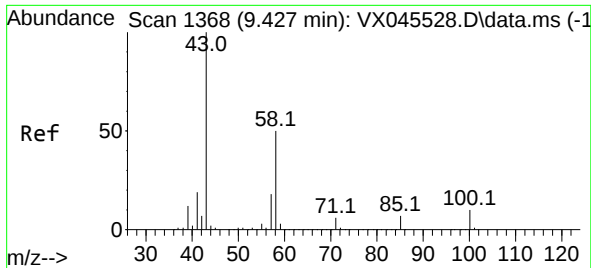
Tgt Ion: 75 Resp: 12010
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.6 36.8#
 39 44.0 48.4 72.6#



#57
 1,3-Dichloropropane
 Concen: 0.344 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.177 min
 Lab File: VX045889.D
 Acq: 22 Apr 2025 16:50

Tgt Ion: 76 Resp: 558
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.0 39.0#

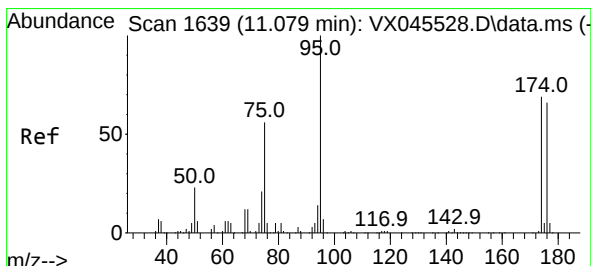
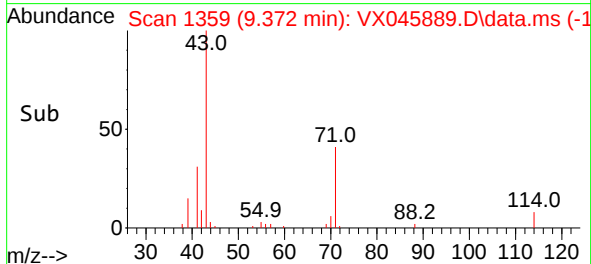
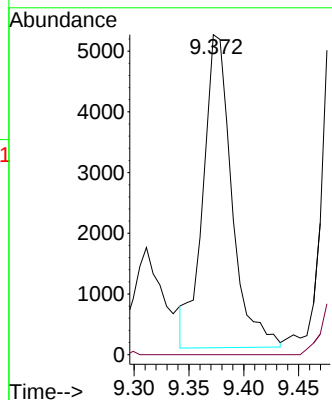
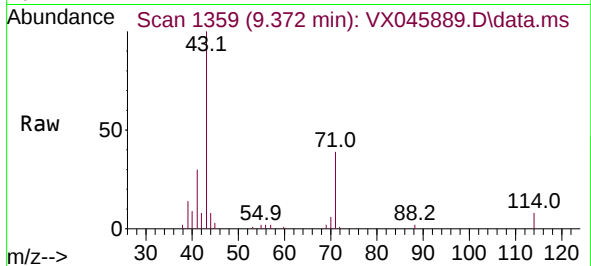




#59
2-Hexanone
Concen: 7.954 ug/l
RT: 9.372 min Scan# 11
Delta R.T. -0.055 min
Lab File: VX045889.D
Acq: 22 Apr 2025 16:50

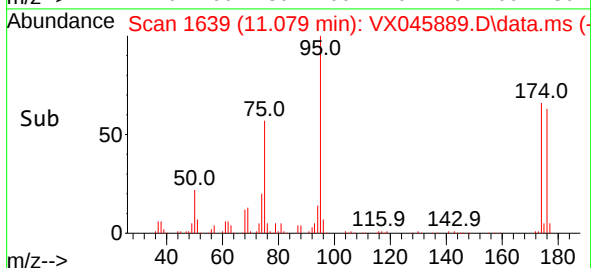
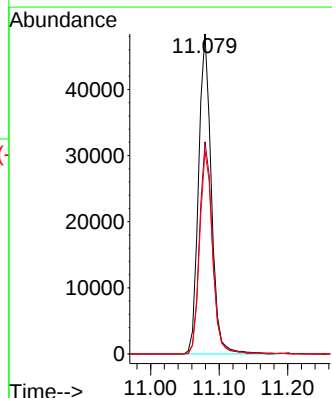
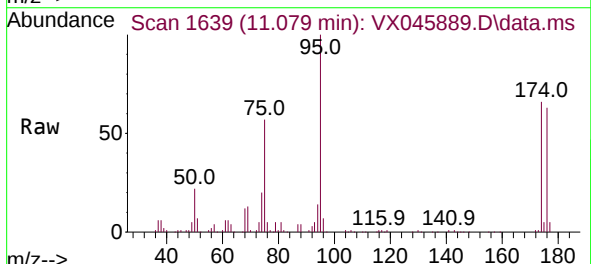
Instrument :
MSVOA_X
ClientSampleId :
PL-714-COMP-08

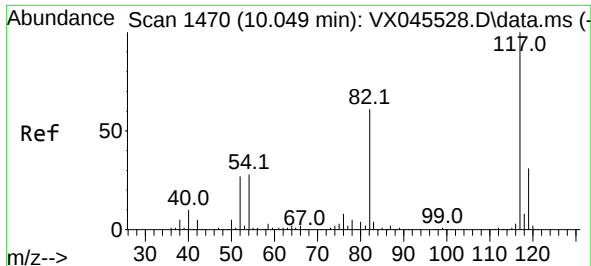
Tgt Ion: 43 Resp: 9431
Ion Ratio Lower Upper
43 100
58 0.0 24.9 74.6#



#62
4-Bromofluorobenzene
Concen: 52.734 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045889.D
Acq: 22 Apr 2025 16:50

Tgt Ion: 95 Resp: 62794
Ion Ratio Lower Upper
95 100
174 66.5 0.0 135.8
176 64.3 0.0 131.4

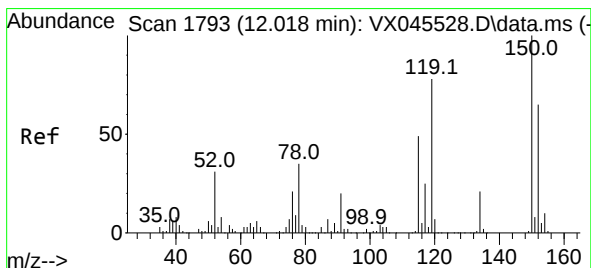
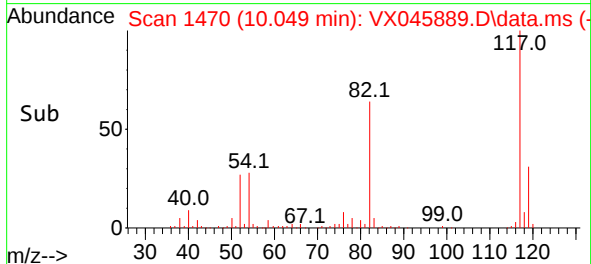
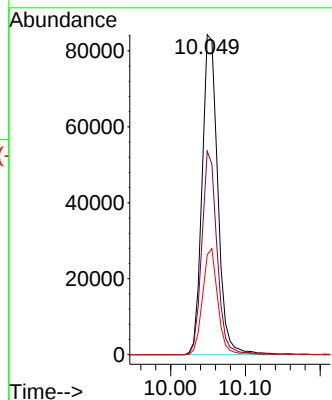
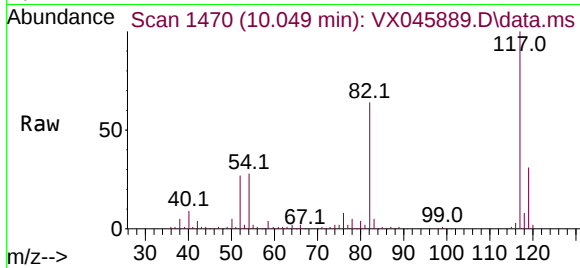




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045889.D
Acq: 22 Apr 2025 16:50

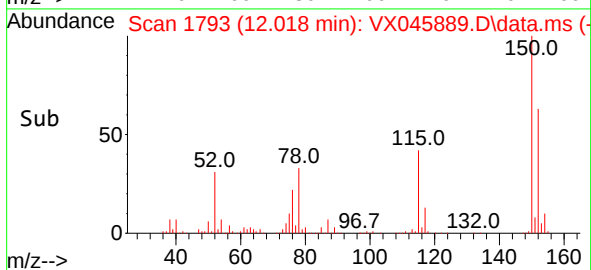
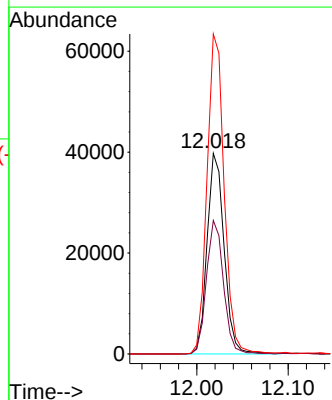
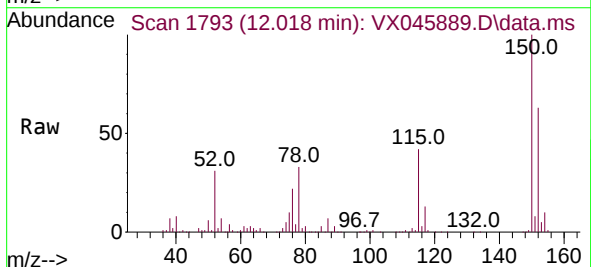
Instrument :
MSVOA_X
ClientSampleId :
PL-714-COMP-08

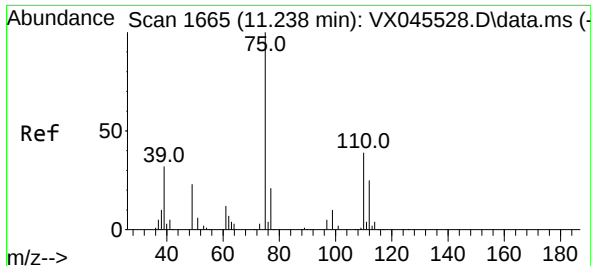
Tgt Ion:117 Resp: 122961
Ion Ratio Lower Upper
117 100
82 63.6 49.2 73.8
119 31.2 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045889.D
Acq: 22 Apr 2025 16:50

Tgt Ion:152 Resp: 51515
Ion Ratio Lower Upper
152 100
115 66.6 46.9 140.7
150 160.0 0.0 349.4

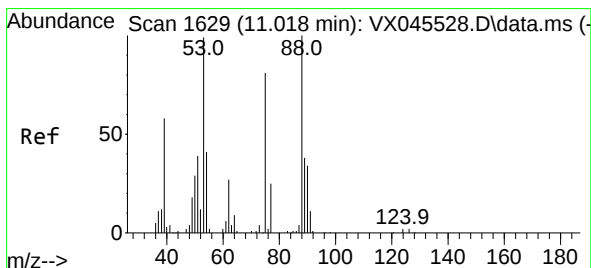
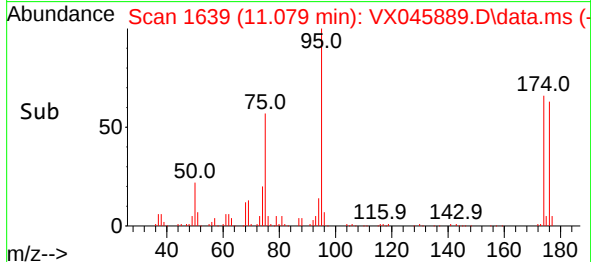
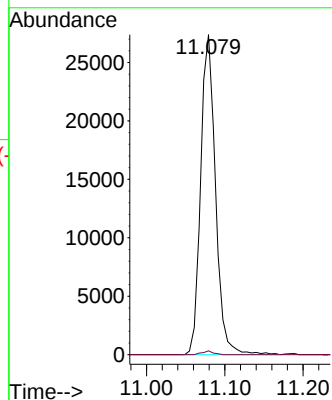
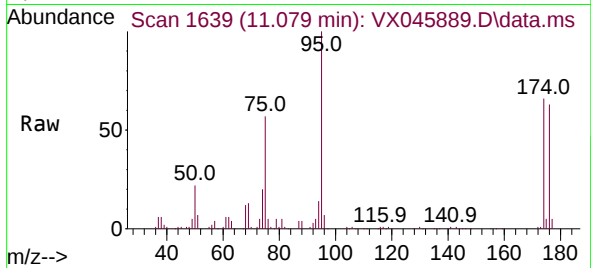




#76
1,2,3-Trichloropropane
Concen: 28.760 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045889.D
Acq: 22 Apr 2025 16:50

Instrument :
MSVOA_X
ClientSampleId :
PL-714-COMP-08

Tgt Ion: 75 Resp: 36139
Ion Ratio Lower Upper
75 100
77 0.9 20.0 59.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.608 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045889.D
Acq: 22 Apr 2025 16:50

Tgt Ion: 75 Resp: 36139
Ion Ratio Lower Upper
75 100
53 0.0 101.8 152.6#
89 0.0 37.2 55.8#

