

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042225\
 Data File : VX045894.D
 Acq On : 22 Apr 2025 18:47
 Operator : JC/MD
 Sample : Q1842-36
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PL-714-COMP-13

Quant Time: Apr 23 01:36:40 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)

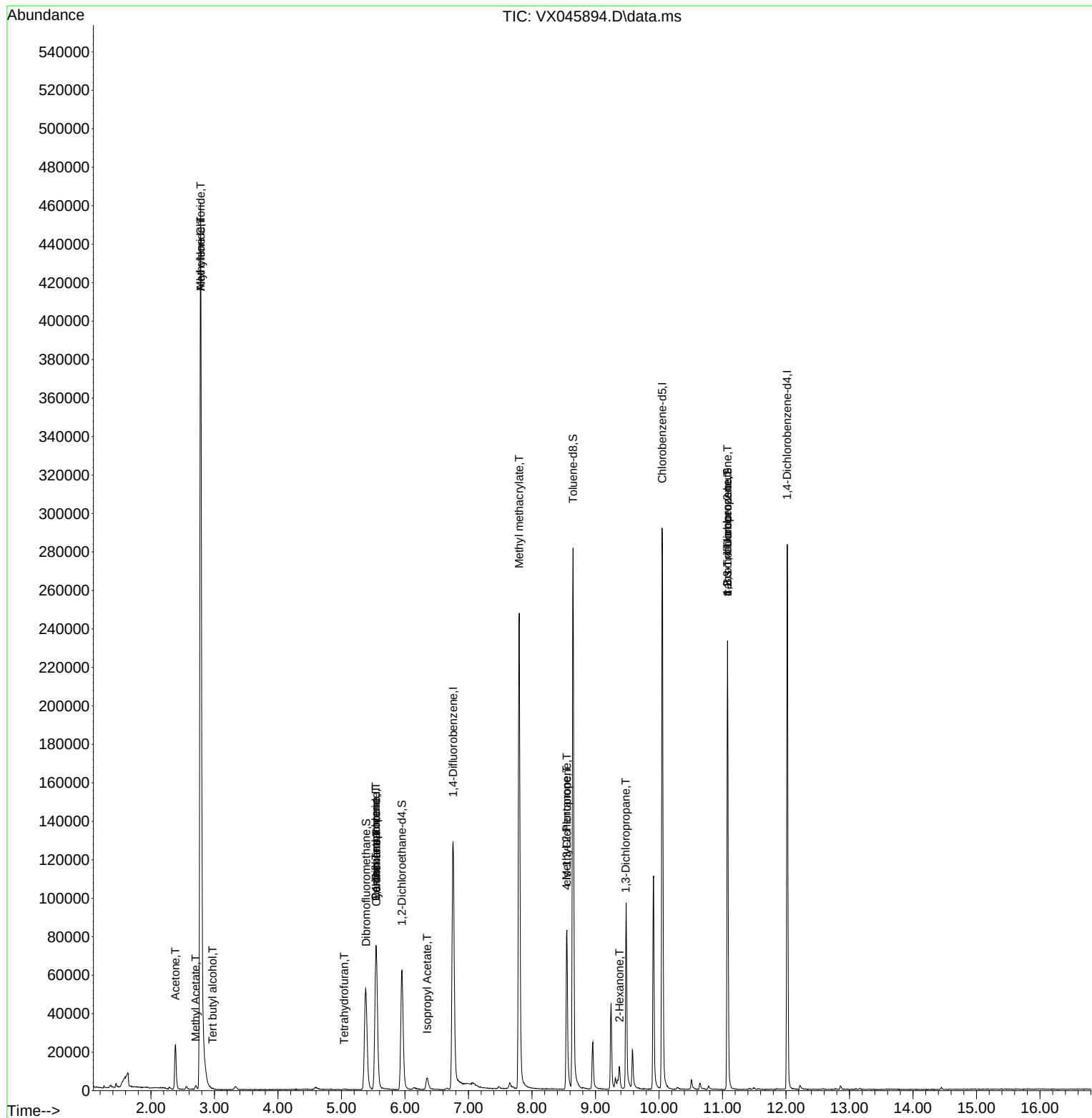
Internal Standards						
1) Pentafluorobenzene	5.544	168	63961	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	128826	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	121421	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	50929	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63882	54.615	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.220%			
35) Dibromofluoromethane	5.385	113	45096	49.338	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.680%			
50) Toluene-d8	8.647	98	162749	51.014	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.020%			
62) 4-Bromofluorobenzene	11.079	95	61920	53.284	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.560%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.971	59	303	1.928	ug/l #	72
14) Allyl chloride	2.782	41	8639	5.930	ug/l #	23
16) Acetone	2.386	43	25985	54.101	ug/l	97
18) Methyl Acetate	2.703	43	2813	2.544	ug/l	99
20) Methylene Chloride	2.782	84	216760	241.062	ug/l	98
29) Tetrahydrofuran	5.044	42	294	0.645	ug/l #	35
31) Cyclohexane	5.550	56	1913	1.333	ug/l #	36
36) 1,1-Dichloropropene	5.544	75	6498	5.265	ug/l #	50
38) Carbon Tetrachloride	5.544	117	7400	5.548	ug/l #	16
43) Isopropyl Acetate	6.348	43	9717	4.122	ug/l	98
48) Methyl methacrylate	7.799	41	25459	20.919	ug/l #	50
51) 4-Methyl-2-Pentanone	8.543	43	33428	21.392	ug/l #	52
54) cis-1,3-Dichloropropene	8.549	75	12783	9.435	ug/l #	68
57) 1,3-Dichloropropane	9.476	76	855	0.540	ug/l #	42
59) 2-Hexanone	9.378	43	8926	7.714	ug/l #	28
76) 1,2,3-Trichloropropane	11.079	75	36457	29.347	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	36457	99.600	ug/l #	1

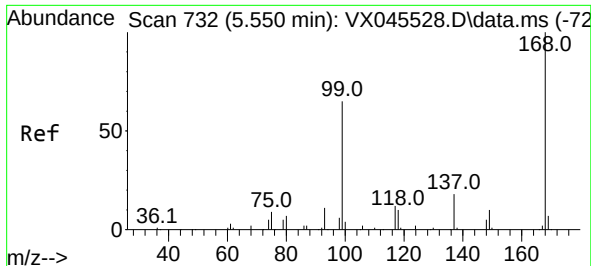
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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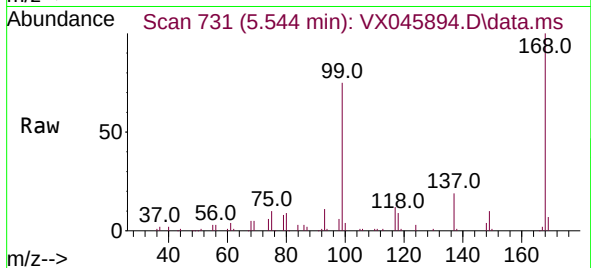
Quant Time: Apr 23 01:36:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
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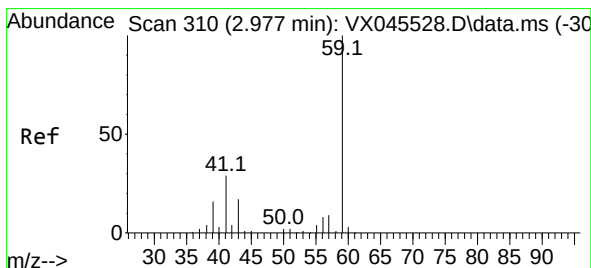
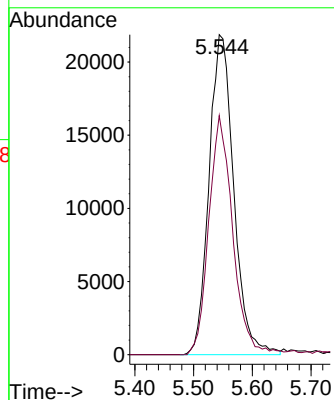
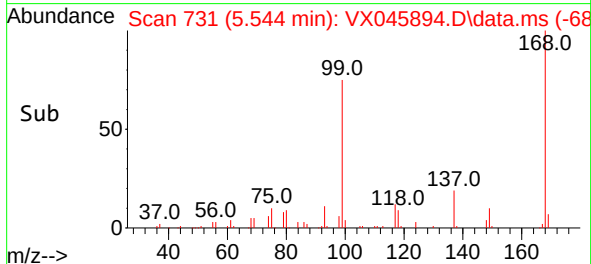


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045894.D
Acq: 22 Apr 2025 18:47

Instrument :
MSVOA_X
ClientSampleId :
PL-714-COMP-13

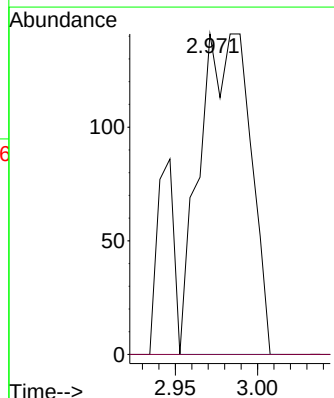
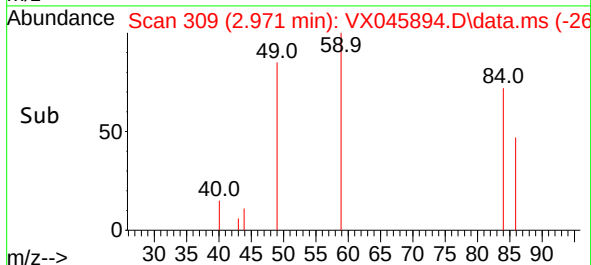
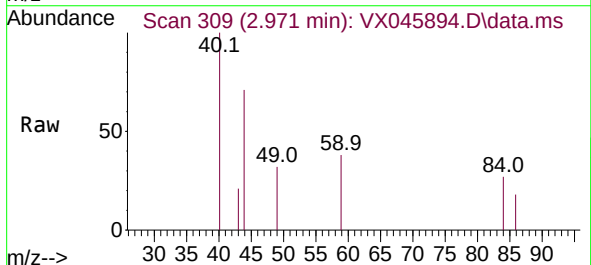


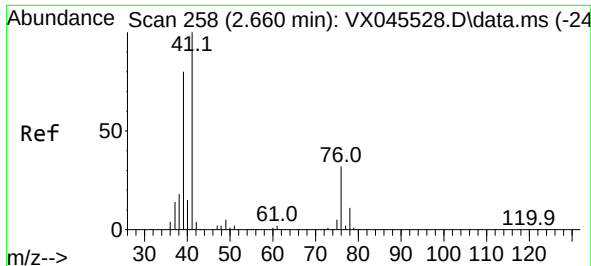
Tgt Ion:168 Resp: 63961
Ion Ratio Lower Upper
168 100
99 74.7 52.3 78.5



#11
Tert butyl alcohol
Concen: 1.928 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX045894.D
Acq: 22 Apr 2025 18:47

Tgt Ion: 59 Resp: 303
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

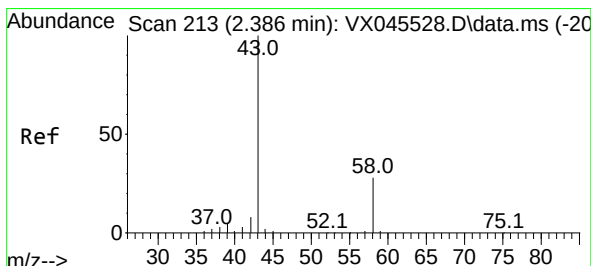
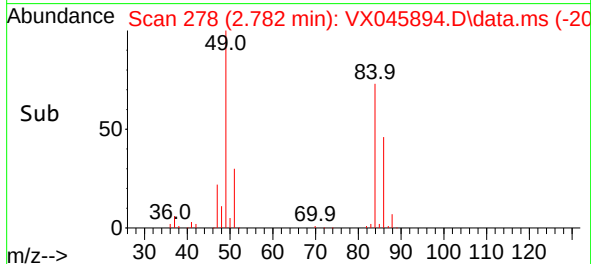
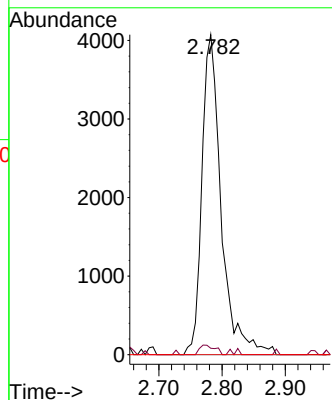
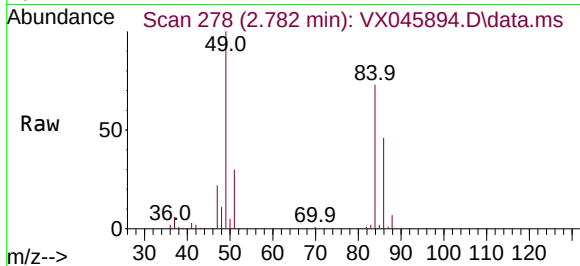




#14
 Allyl chloride
 Concen: 5.930 ug/l
 RT: 2.782 min Scan# 213
 Delta R.T. 0.122 min
 Lab File: VX045894.D
 Acq: 22 Apr 2025 18:47

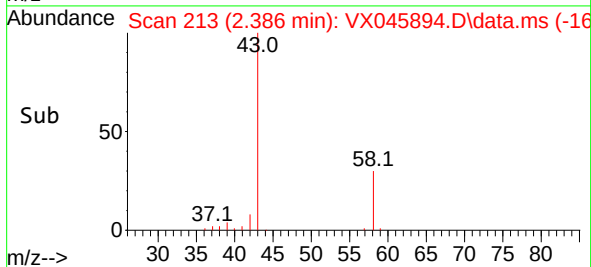
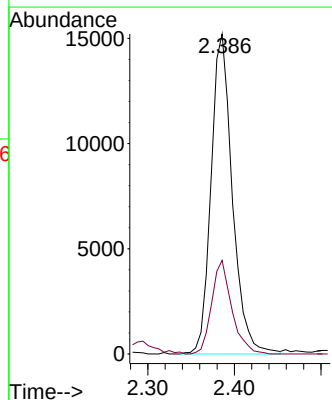
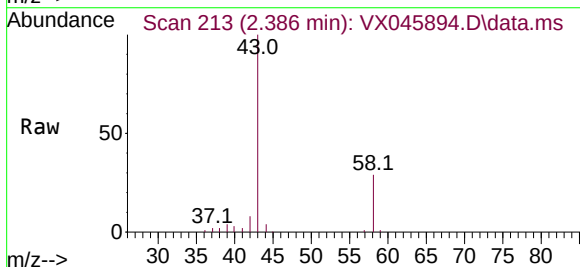
Instrument :
 MSVOA_X
 ClientSampleId :
 PL-714-COMP-13

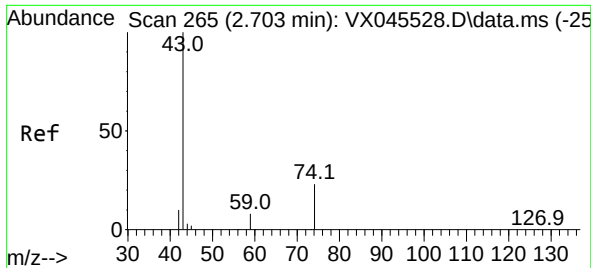
Tgt Ion: 41 Resp: 8639
 Ion Ratio Lower Upper
 41 100
 39 2.4 60.2 90.2#
 76 0.0 24.6 36.8#



#16
 Acetone
 Concen: 54.101 ug/l
 RT: 2.386 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VX045894.D
 Acq: 22 Apr 2025 18:47

Tgt Ion: 43 Resp: 25985
 Ion Ratio Lower Upper
 43 100
 58 29.3 22.3 33.5

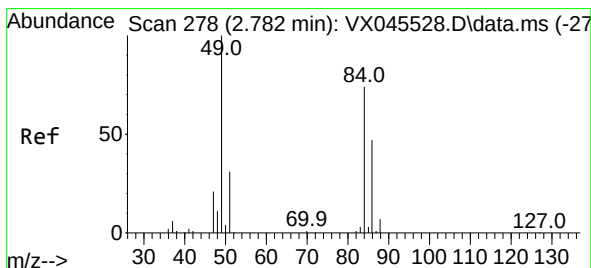
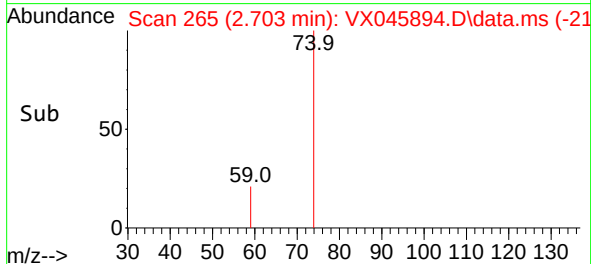
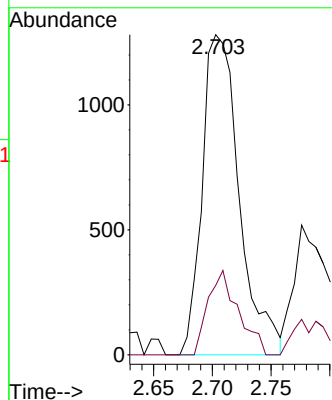
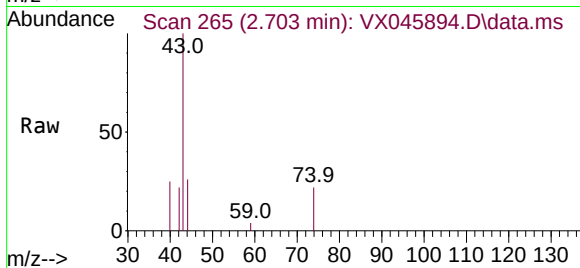




#18
Methyl Acetate
Concen: 2.544 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX045894.D
Acq: 22 Apr 2025 18:47

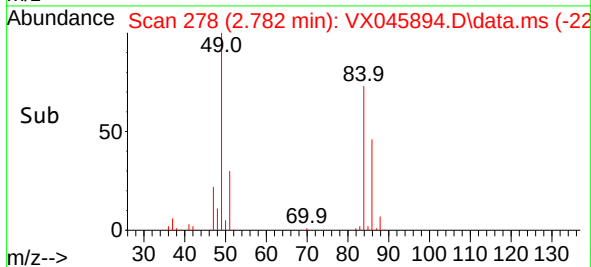
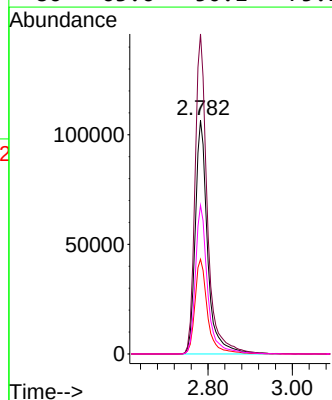
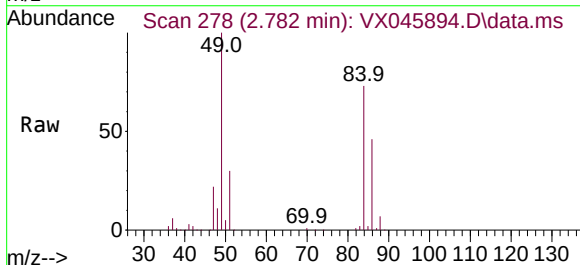
Instrument :
MSVOA_X
ClientSampleId :
PL-714-COMP-13

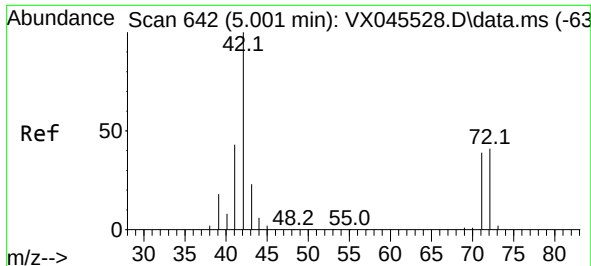
Tgt Ion: 43 Resp: 2813
Ion Ratio Lower Upper
43 100
74 21.5 17.5 26.3



#20
Methylene Chloride
Concen: 241.062 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045894.D
Acq: 22 Apr 2025 18:47

Tgt Ion: 84 Resp: 216760
Ion Ratio Lower Upper
84 100
49 136.9 107.5 161.3
51 40.5 33.0 49.6
86 63.6 50.1 75.1





#29

Tetrahydrofuran

Concen: 0.645 ug/l

RT: 5.044 min Scan# 642

Delta R.T. 0.043 min

Lab File: VX045894.D

Acq: 22 Apr 2025 18:47

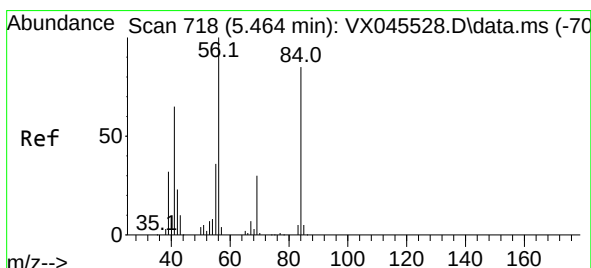
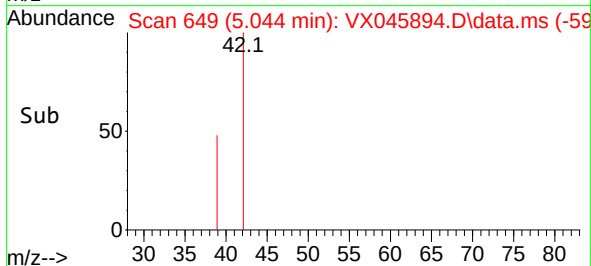
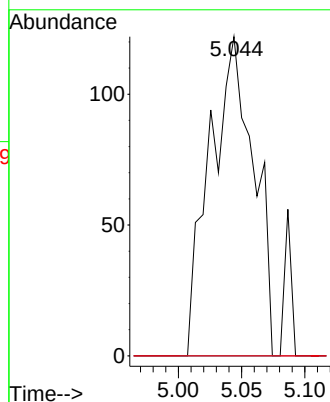
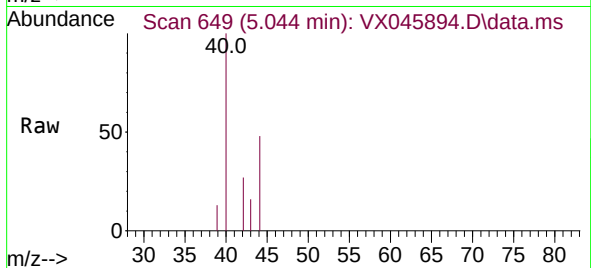
Instrument :

MSVOA_X

ClientSampleId :

PL-714-COMP-13

Tgt Ion:	42	Resp:	294
Ion	Ratio	Lower	Upper
42	100		
72	0.0	33.4	50.0#
71	0.0	31.4	47.0#



#31

Cyclohexane

Concen: 1.333 ug/l

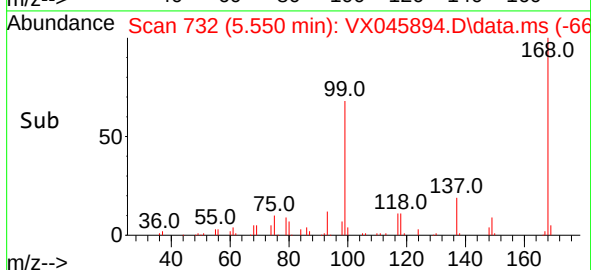
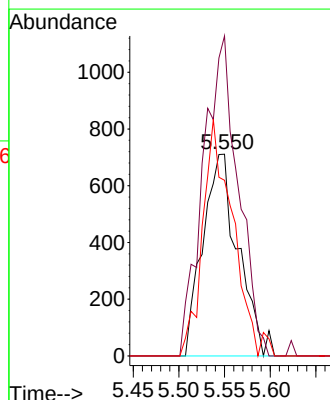
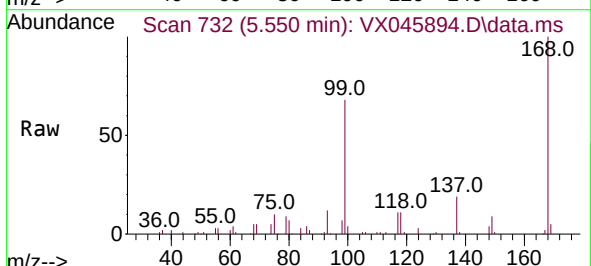
RT: 5.550 min Scan# 732

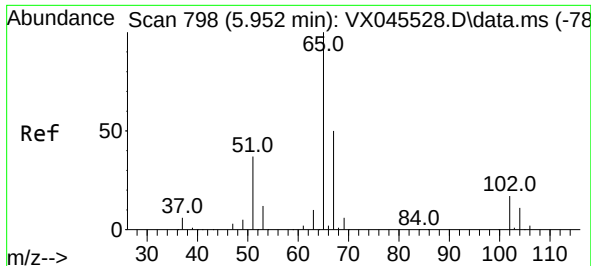
Delta R.T. 0.085 min

Lab File: VX045894.D

Acq: 22 Apr 2025 18:47

Tgt Ion:	56	Resp:	1913
Ion	Ratio	Lower	Upper
56	100		
69	158.6	23.6	35.4#
84	87.1	67.7	101.5

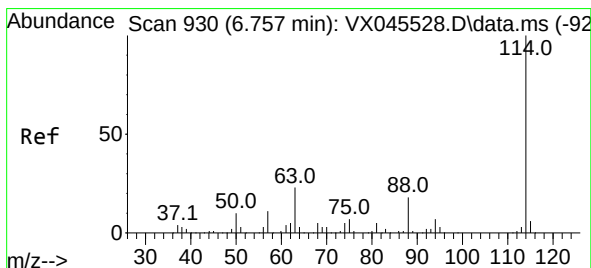
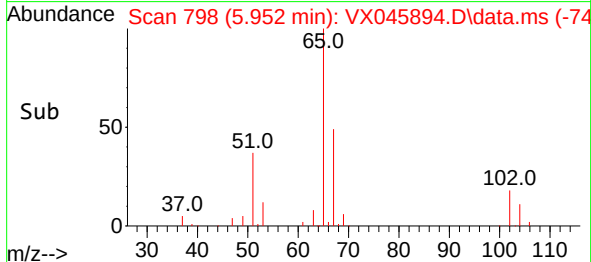
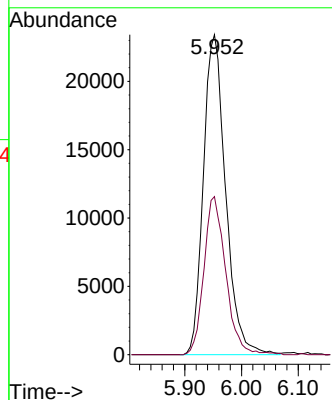
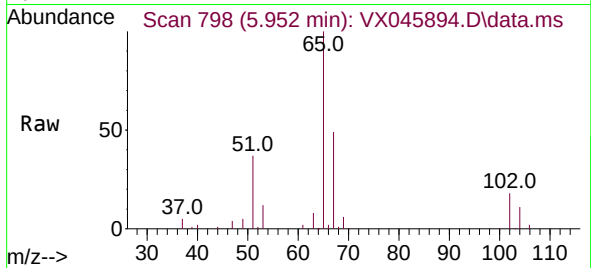




#33
 1,2-Dichloroethane-d4
 Concen: 54.615 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX045894.D
 Acq: 22 Apr 2025 18:47

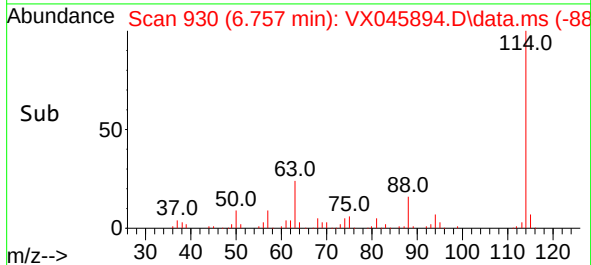
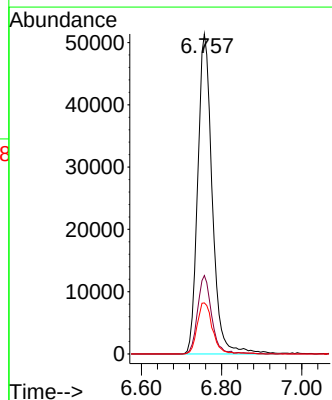
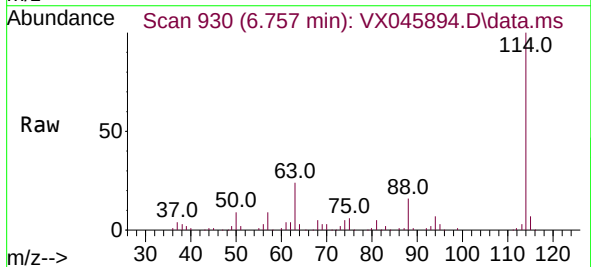
Instrument :
 MSVOA_X
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 PL-714-COMP-13

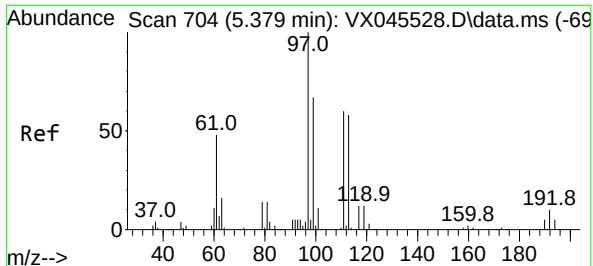
Tgt Ion: 65 Resp: 63882
 Ion Ratio Lower Upper
 65 100
 67 48.5 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX045894.D
 Acq: 22 Apr 2025 18:47

Tgt Ion: 114 Resp: 128826
 Ion Ratio Lower Upper
 114 100
 63 24.5 0.0 46.8
 88 15.9 0.0 35.4





#35

Dibromofluoromethane

Concen: 49.338 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX045894.D

Acq: 22 Apr 2025 18:47

Instrument :

MSVOA_X

ClientSampleId :

PL-714-COMP-13

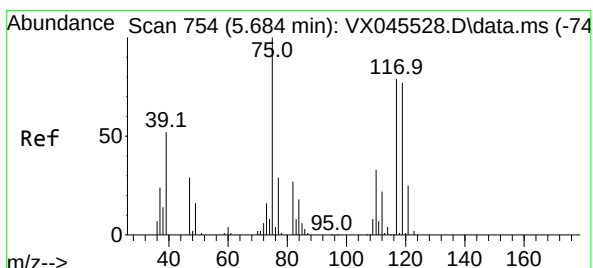
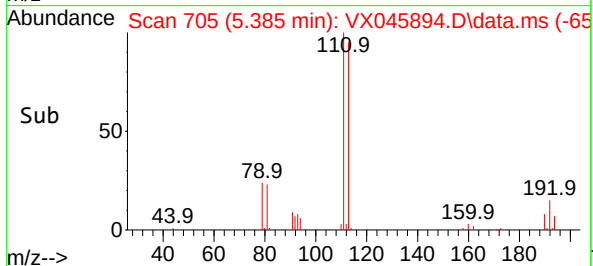
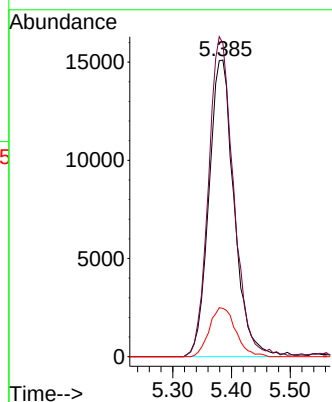
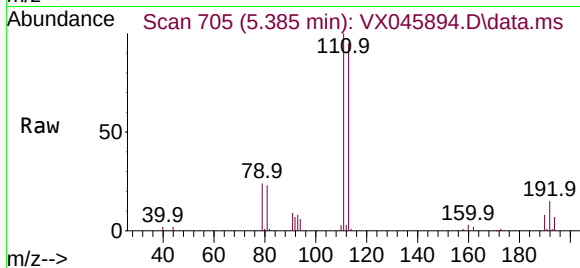
Tgt Ion:113 Resp: 45096

Ion Ratio Lower Upper

113 100

111 107.6 81.8 122.6

192 17.3 13.8 20.6



#36

1,1-Dichloropropene

Concen: 5.265 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.140 min

Lab File: VX045894.D

Acq: 22 Apr 2025 18:47

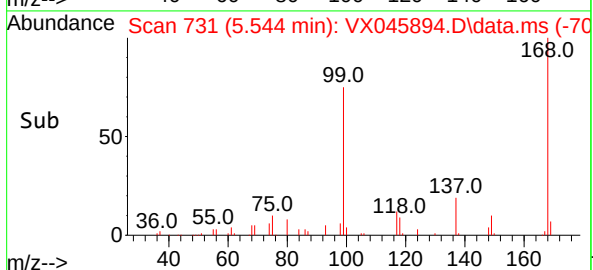
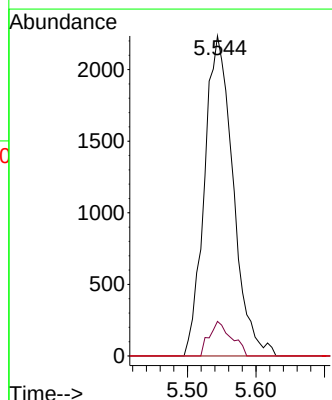
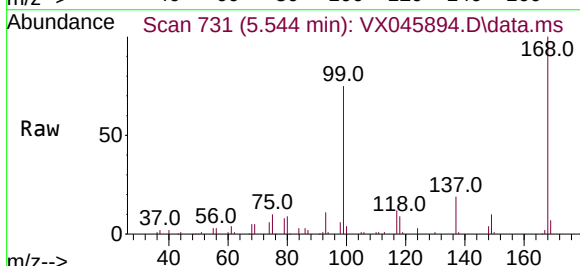
Tgt Ion: 75 Resp: 6498

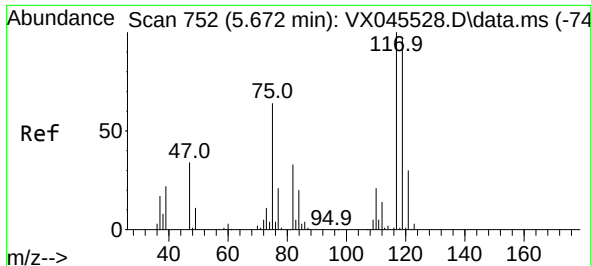
Ion Ratio Lower Upper

75 100

110 8.3 16.9 50.6#

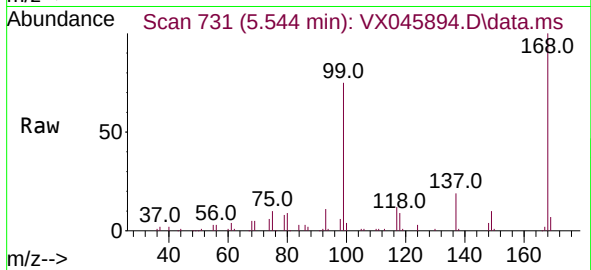
77 0.0 25.0 37.4#



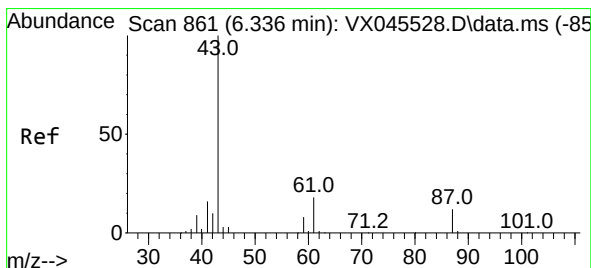
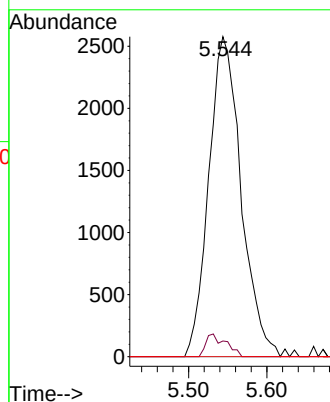
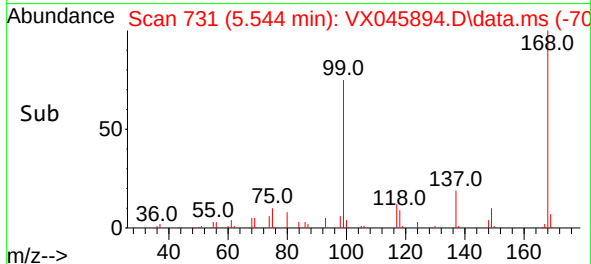


#38
Carbon Tetrachloride
Concen: 5.548 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX045894.D
Acq: 22 Apr 2025 18:47

Instrument :
MSVOA_X
ClientSampleId :
PL-714-COMP-13

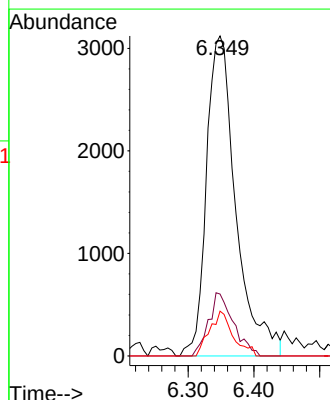
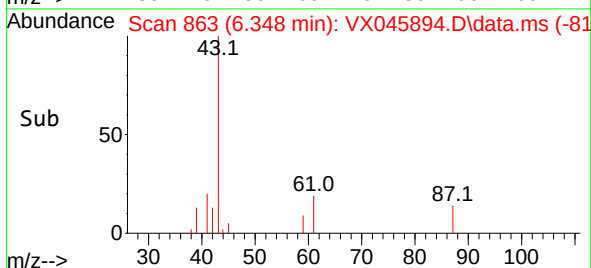
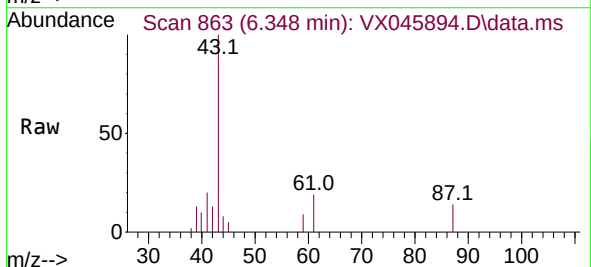


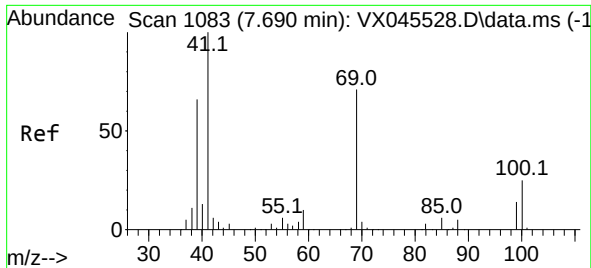
Tgt Ion:117 Resp: 7400
Ion Ratio Lower Upper
117 100
119 4.9 76.9 115.3#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 4.122 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.012 min
Lab File: VX045894.D
Acq: 22 Apr 2025 18:47

Tgt Ion: 43 Resp: 9717
Ion Ratio Lower Upper
43 100
61 16.7 14.1 21.1
87 11.1 9.2 13.8

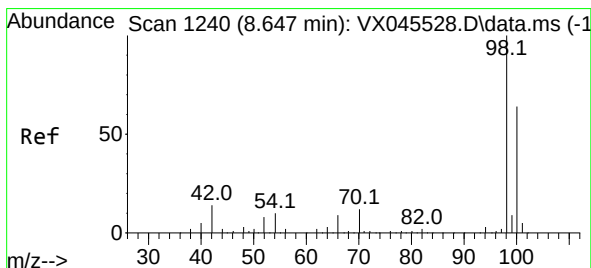
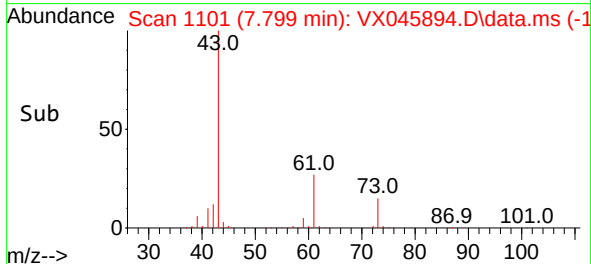
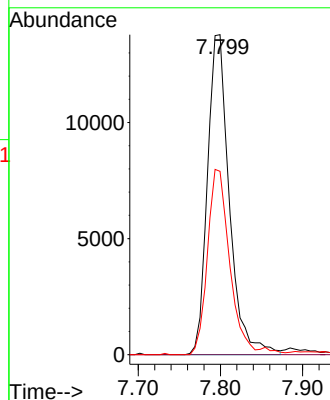
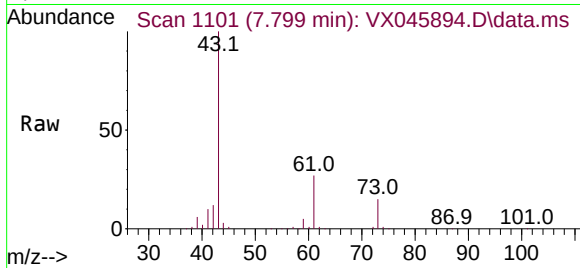




#48
Methyl methacrylate
Concen: 20.919 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.110 min
Lab File: VX045894.D
Acq: 22 Apr 2025 18:47

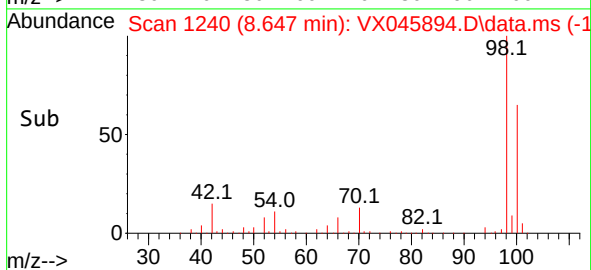
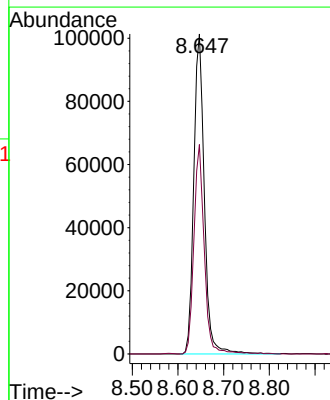
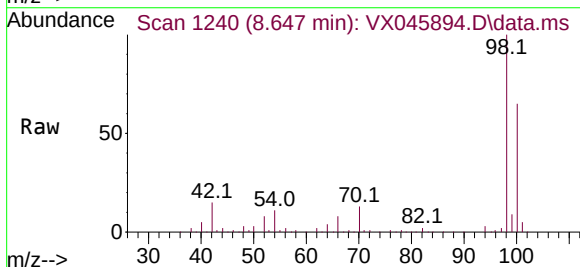
Instrument :
MSVOA_X
ClientSampleId :
PL-714-COMP-13

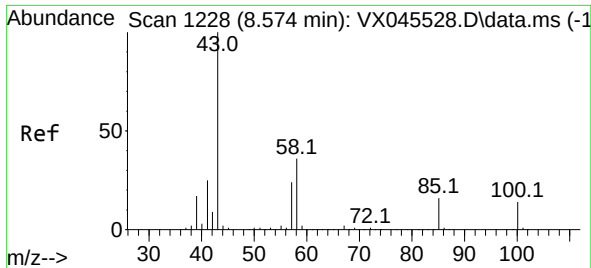
Tgt Ion: 41 Resp: 25459
Ion Ratio Lower Upper
41 100
69 0.0 58.2 87.2#
39 58.5 53.6 80.4



#50
Toluene-d8
Concen: 51.014 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045894.D
Acq: 22 Apr 2025 18:47

Tgt Ion: 98 Resp: 162749
Ion Ratio Lower Upper
98 100
100 64.1 52.2 78.4

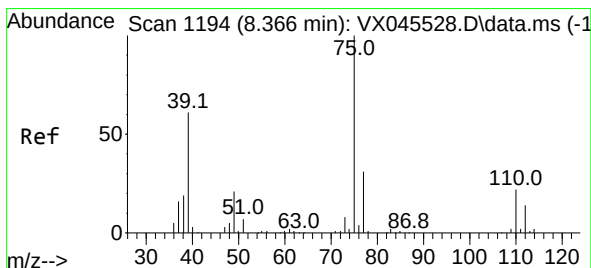
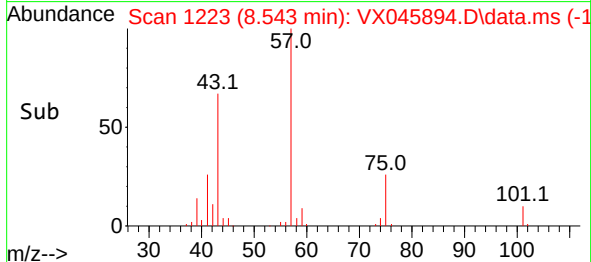
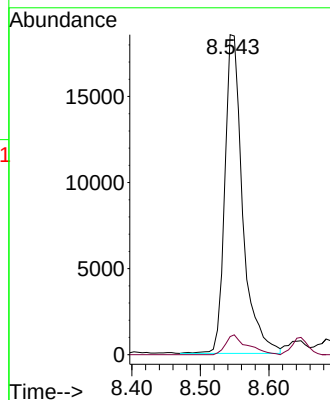
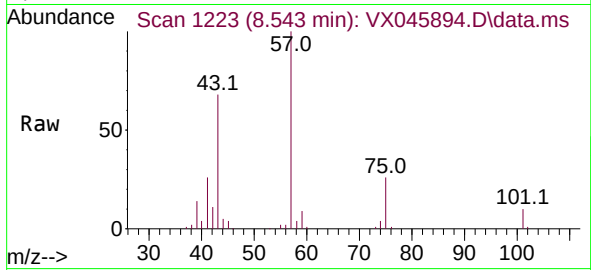




#51
4-Methyl-2-Pentanone
Concen: 21.392 ug/l
RT: 8.543 min Scan# 11
Delta R.T. -0.030 min
Lab File: VX045894.D
Acq: 22 Apr 2025 18:47

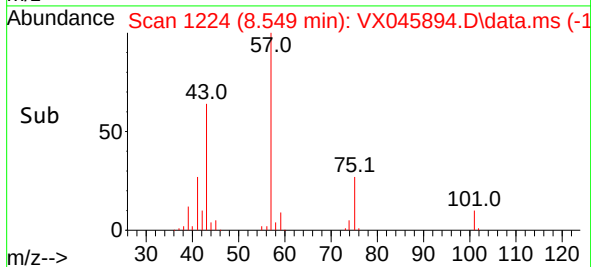
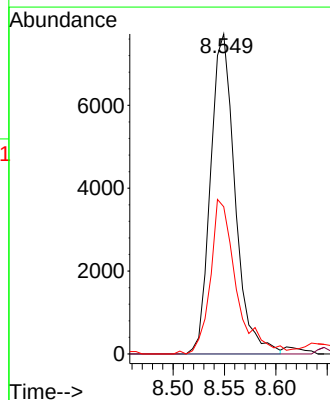
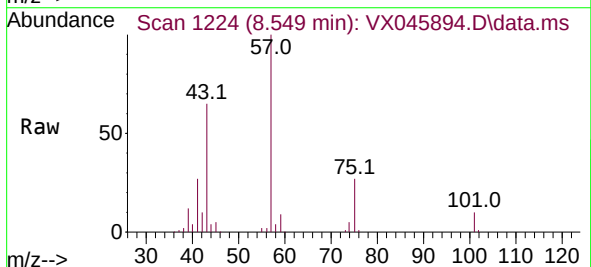
Instrument :
MSVOA_X
ClientSampleId :
PL-714-COMP-13

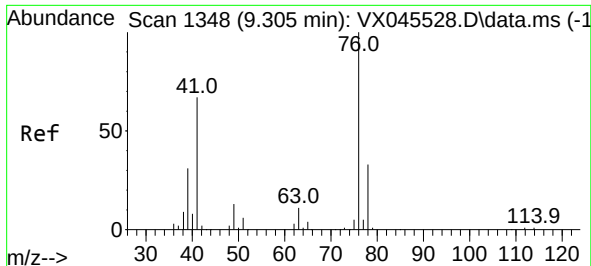
Tgt Ion: 43 Resp: 33428
Ion Ratio Lower Upper
43 100
58 7.5 28.5 42.7#



#54
cis-1,3-Dichloropropene
Concen: 9.435 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX045894.D
Acq: 22 Apr 2025 18:47

Tgt Ion: 75 Resp: 12783
Ion Ratio Lower Upper
75 100
77 0.0 24.6 36.8#
39 45.1 48.4 72.6#





#57

1,3-Dichloropropane

Concen: 0.540 ug/l

RT: 9.476 min Scan# 11

Delta R.T. 0.171 min

Lab File: VX045894.D

Acq: 22 Apr 2025 18:47

Instrument :

MSVOA_X

ClientSampleId :

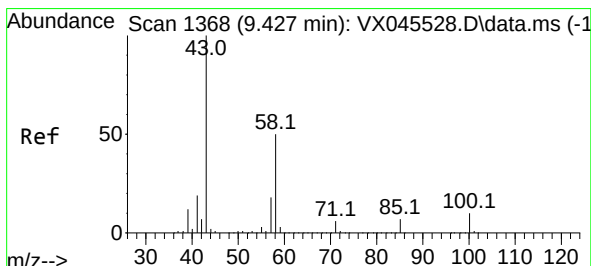
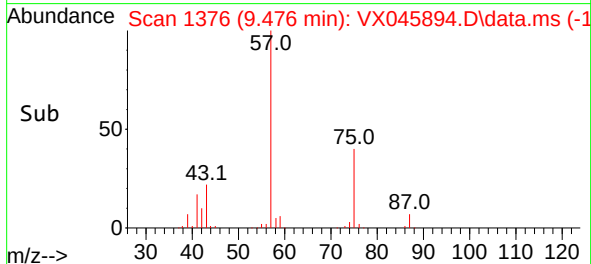
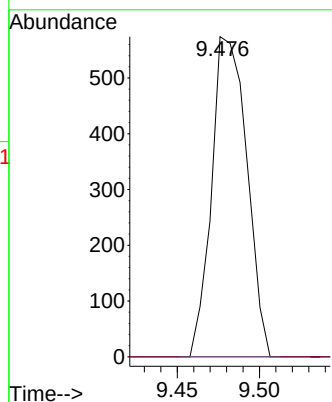
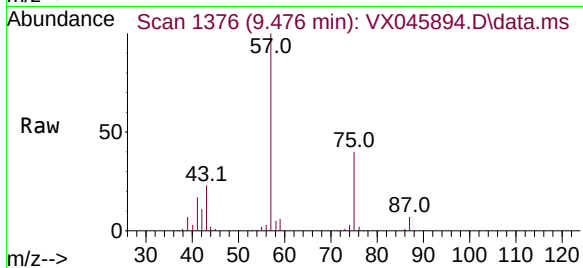
PL-714-COMP-13

Tgt Ion: 76 Resp: 855

Ion Ratio Lower Upper

76 100

78 0.0 26.0 39.0#



#59

2-Hexanone

Concen: 7.714 ug/l

RT: 9.378 min Scan# 1360

Delta R.T. -0.049 min

Lab File: VX045894.D

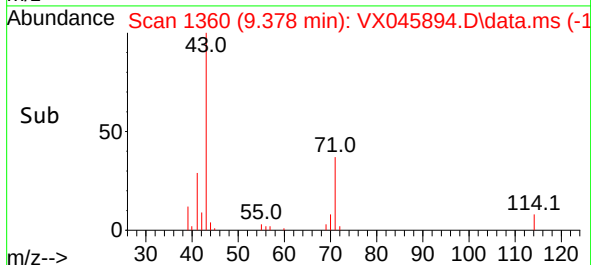
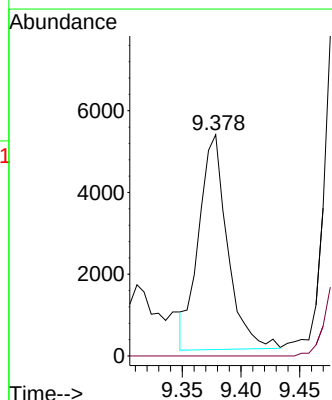
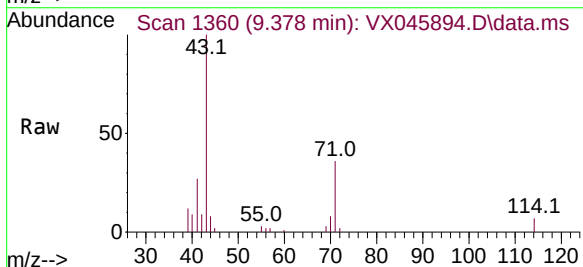
Acq: 22 Apr 2025 18:47

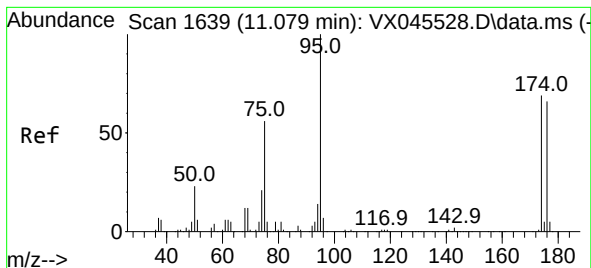
Tgt Ion: 43 Resp: 8926

Ion Ratio Lower Upper

43 100

58 0.0 24.9 74.6#

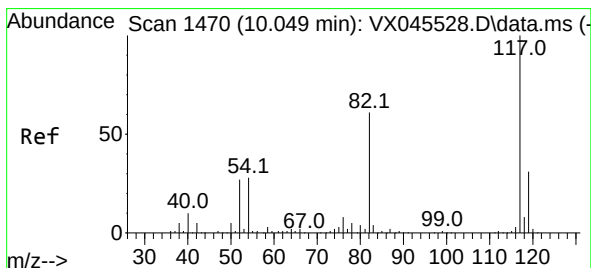
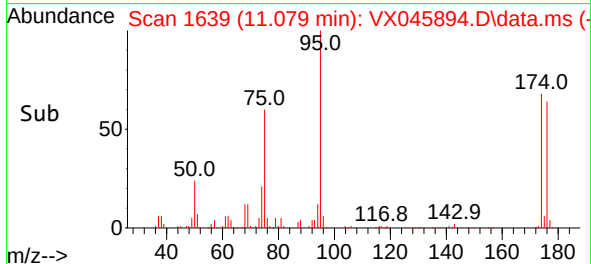
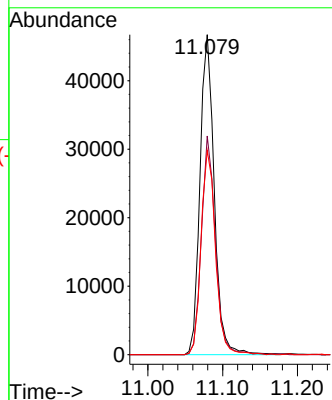
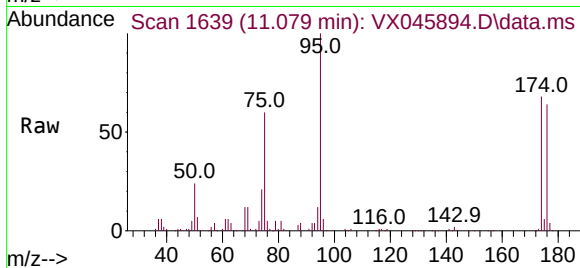




#62
4-Bromofluorobenzene
Concen: 53.284 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045894.D
Acq: 22 Apr 2025 18:47

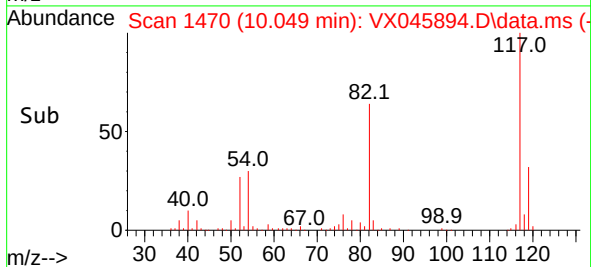
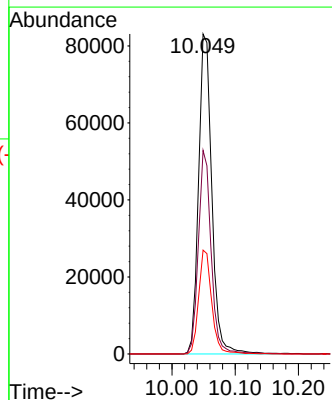
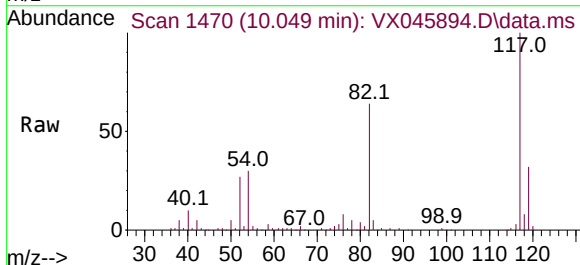
Instrument :
MSVOA_X
ClientSampleId :
PL-714-COMP-13

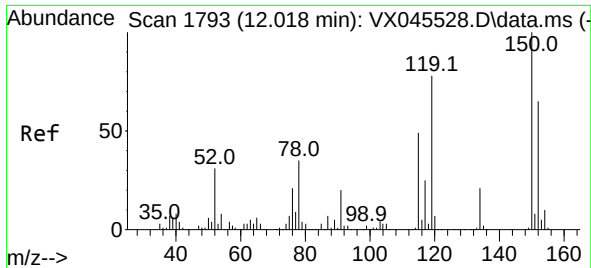
Tgt Ion: 95 Resp: 61920
Ion Ratio Lower Upper
95 100
174 67.0 0.0 135.8
176 64.6 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045894.D
Acq: 22 Apr 2025 18:47

Tgt Ion: 117 Resp: 121421
Ion Ratio Lower Upper
117 100
82 63.6 49.2 73.8
119 32.5 25.1 37.7

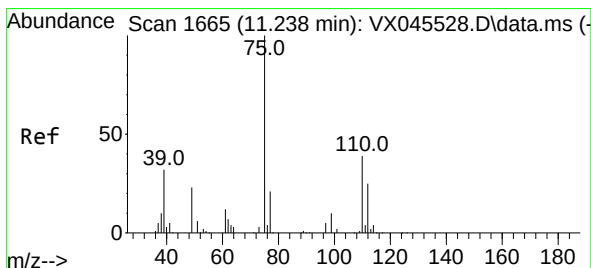
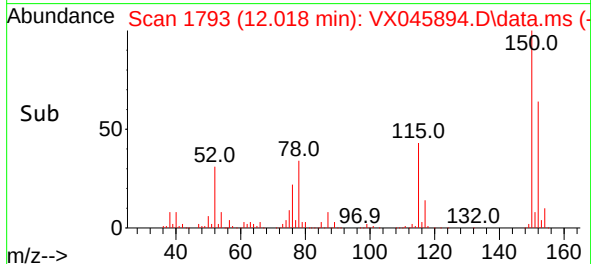
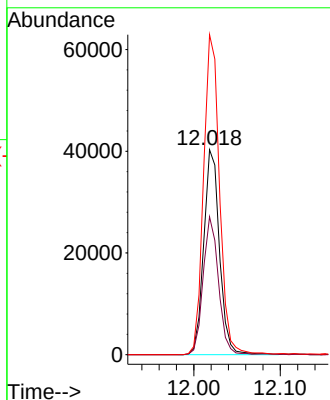
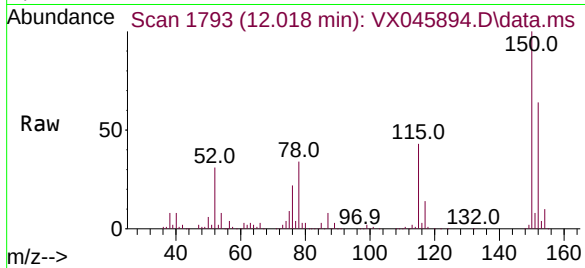




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX045894.D
 Acq: 22 Apr 2025 18:47

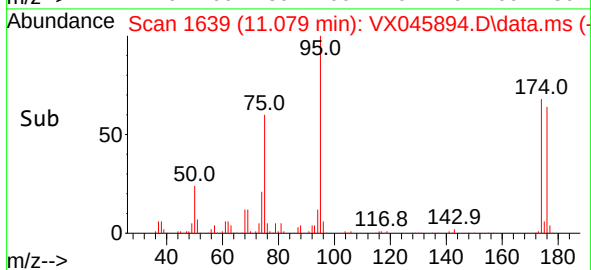
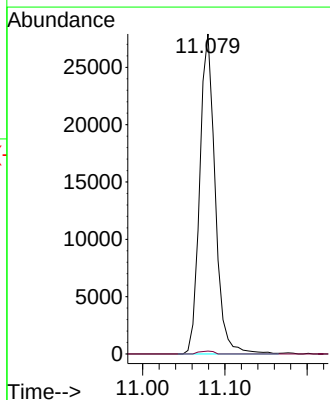
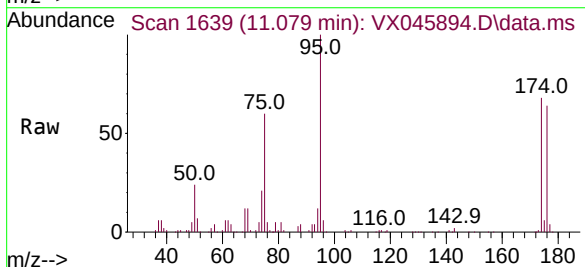
Instrument :
 MSVOA_X
 ClientSampleId :
 PL-714-COMP-13

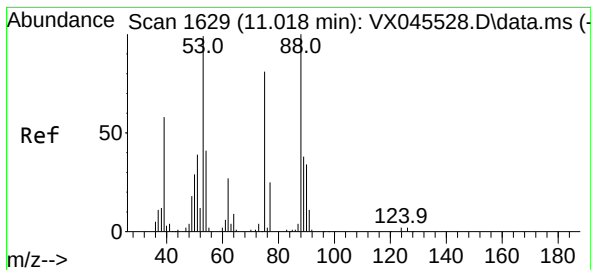
Tgt Ion:152 Resp: 50929
 Ion Ratio Lower Upper
 152 100
 115 65.5 46.9 140.7
 150 158.3 0.0 349.4



#76
 1,2,3-Trichloropropane
 Concen: 29.347 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX045894.D
 Acq: 22 Apr 2025 18:47

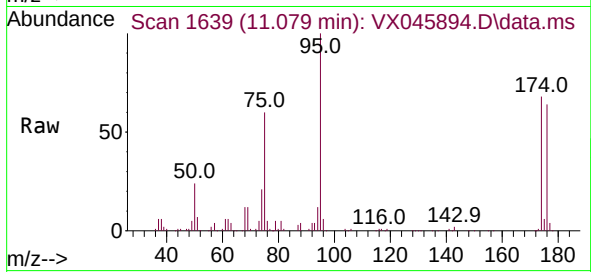
Tgt Ion: 75 Resp: 36457
 Ion Ratio Lower Upper
 75 100
 77 0.8 20.0 59.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 99.600 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX045894.D
 Acq: 22 Apr 2025 18:47

Instrument :
 MSVOA_X
 ClientSampleId :
 PL-714-COMP-13



Tgt Ion: 75 Resp: 36457
 Ion Ratio Lower Upper
 75 100
 53 0.0 101.8 152.6#
 89 0.0 37.2 55.8#

