

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041825\
 Data File : VX045856.D
 Acq On : 18 Apr 2025 14:33
 Operator : JC/MD
 Sample : Q1832-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PL-714-COMP-01

Quant Time: Apr 18 23:40:11 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)

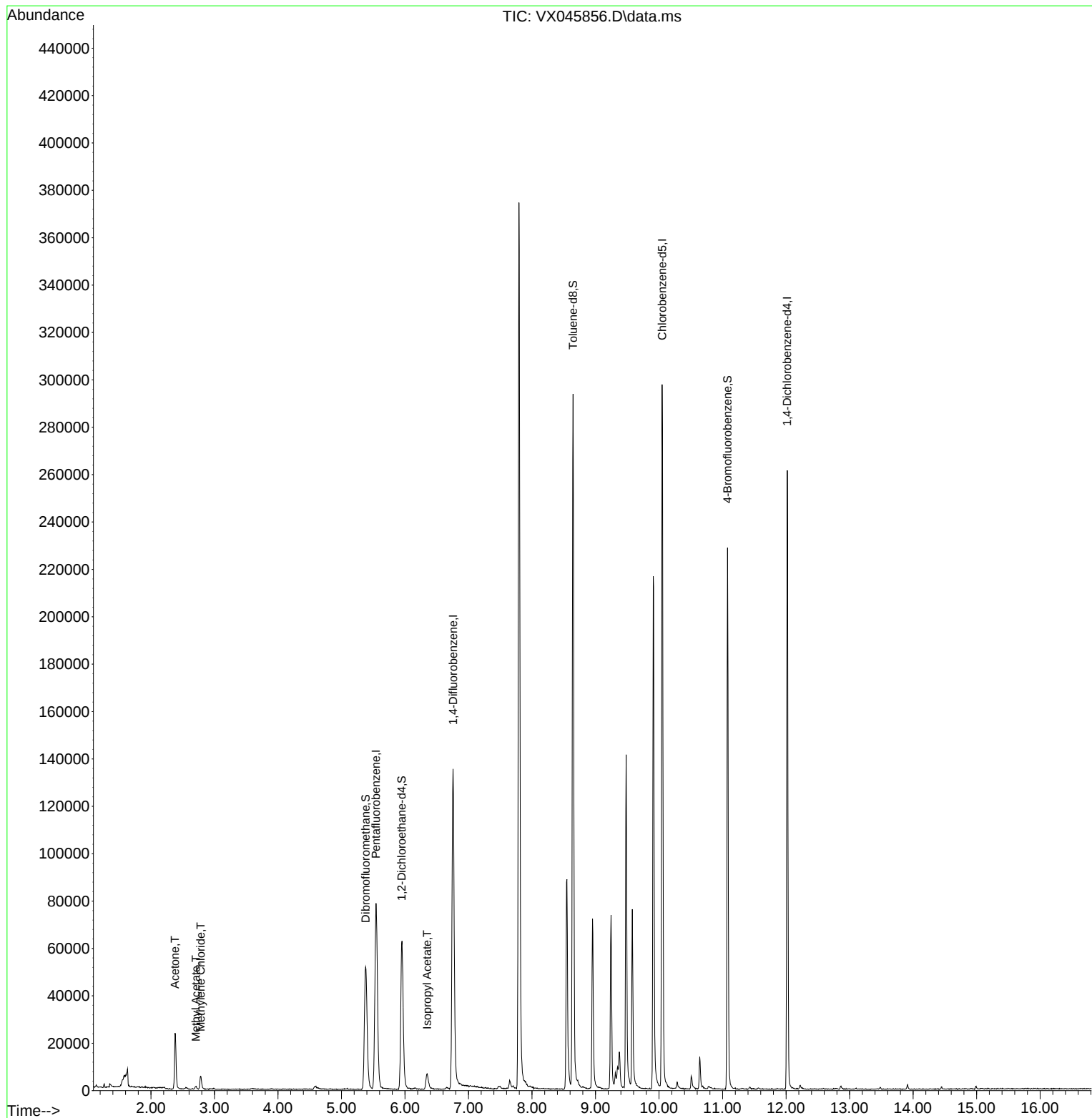
Internal Standards						
1) Pentafluorobenzene	5.543	168	66674	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	131466	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	119399	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	48635	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	64542	52.934	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.860%
35) Dibromofluoromethane	5.379	113	46179	49.508	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.020%
50) Toluene-d8	8.647	98	166397	51.110	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.220%
62) 4-Bromofluorobenzene	11.079	95	60613	51.112	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.220%
Target Compounds						
					Qvalue	
16) Acetone	2.379	43	26152	52.233	ug/l	97
18) Methyl Acetate	2.709	43	1773	1.538	ug/l #	85
20) Methylene Chloride	2.782	84	2767	2.952	ug/l	92
43) Isopropyl Acetate	6.348	43	10783	4.483	ug/l	94

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

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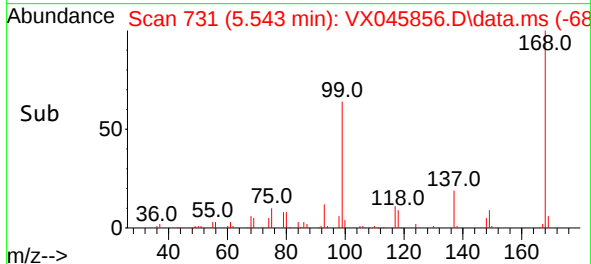
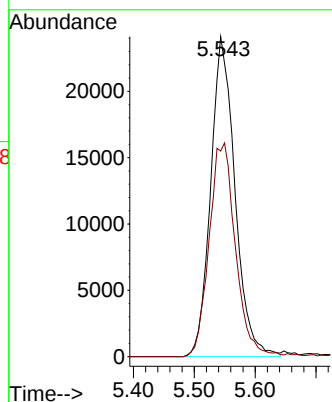
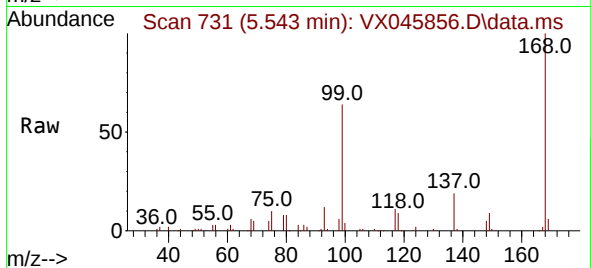




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX045856.D
Acq: 18 Apr 2025 14:33

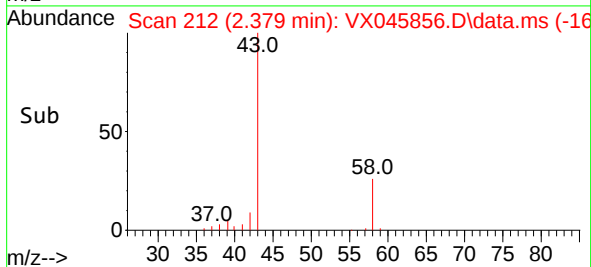
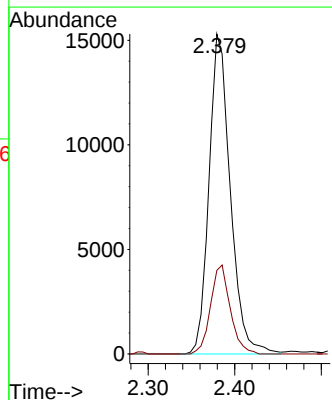
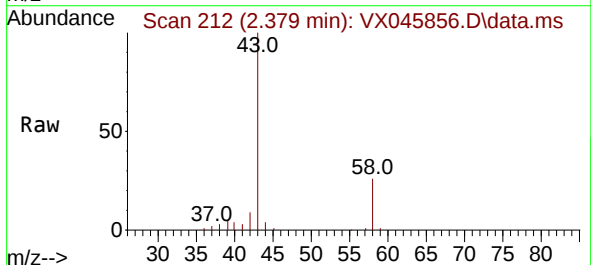
Instrument :
MSVOA_X
ClientSampleId :
PL-714-COMP-01

Tgt Ion:168 Resp: 66674
Ion Ratio Lower Upper
168 100
99 64.2 52.3 78.5



#16
Acetone
Concen: 52.233 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045856.D
Acq: 18 Apr 2025 14:33

Tgt Ion: 43 Resp: 26152
Ion Ratio Lower Upper
43 100
58 26.1 22.3 33.5

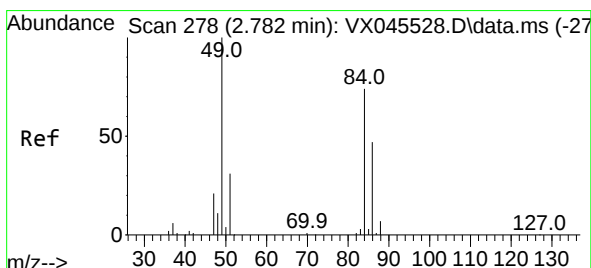
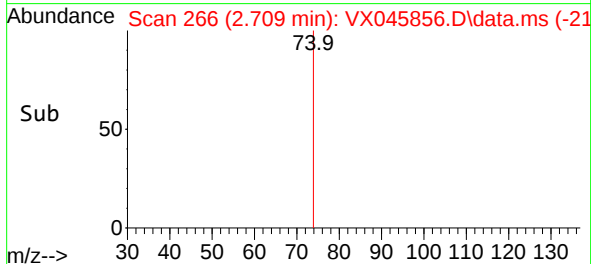
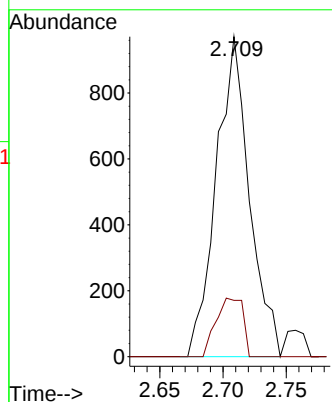
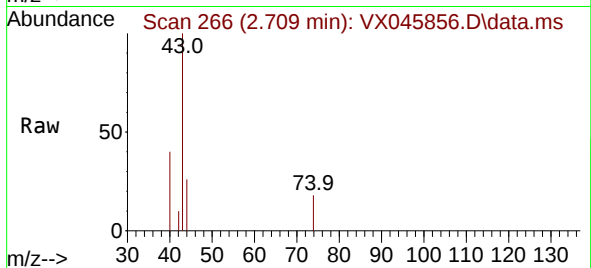




#18
Methyl Acetate
Concen: 1.538 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX045856.D
Acq: 18 Apr 2025 14:33

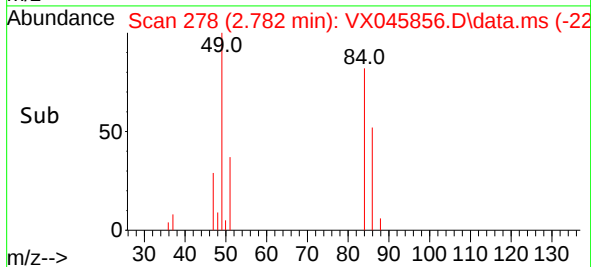
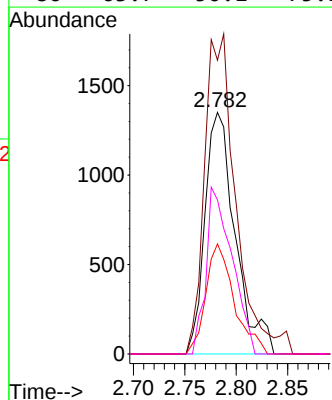
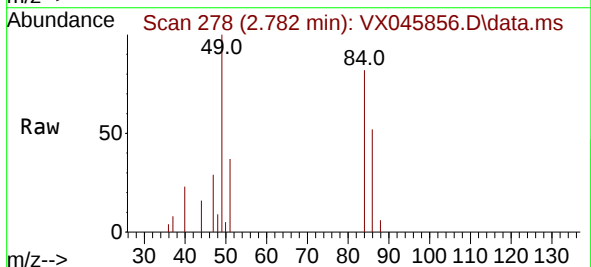
Instrument :
MSVOA_X
ClientSampleId :
PL-714-COMP-01

Tgt Ion: 43 Resp: 1773
Ion Ratio Lower Upper
43 100
74 14.8 17.5 26.3#



#20
Methylene Chloride
Concen: 2.952 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045856.D
Acq: 18 Apr 2025 14:33

Tgt Ion: 84 Resp: 2767
Ion Ratio Lower Upper
84 100
49 121.5 107.5 161.3
51 45.5 33.0 49.6
86 63.7 50.1 75.1





#33

1,2-Dichloroethane-d4

Concen: 52.934 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX045856.D

Acq: 18 Apr 2025 14:33

Instrument :

MSVOA_X

ClientSampleId :

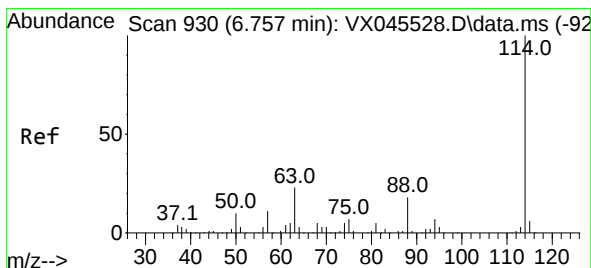
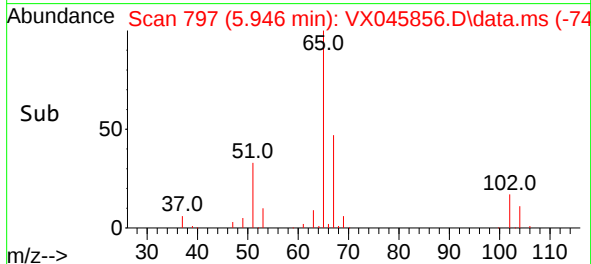
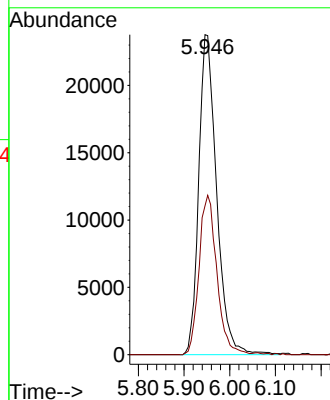
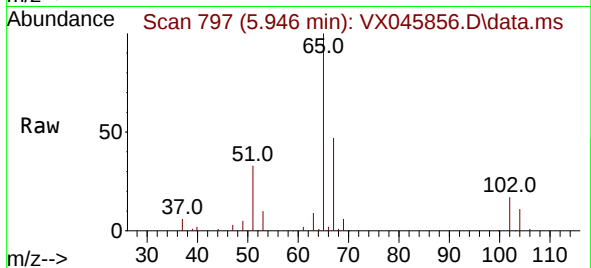
PL-714-COMP-01

Tgt Ion: 65 Resp: 64542

Ion Ratio Lower Upper

65 100

67 49.6 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: VX045856.D

Acq: 18 Apr 2025 14:33

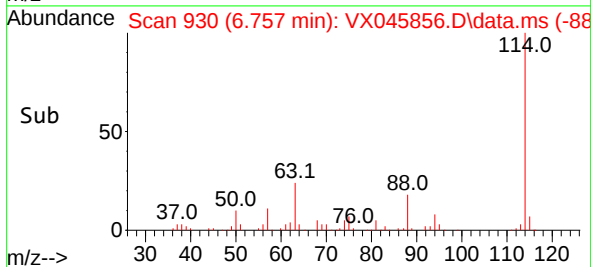
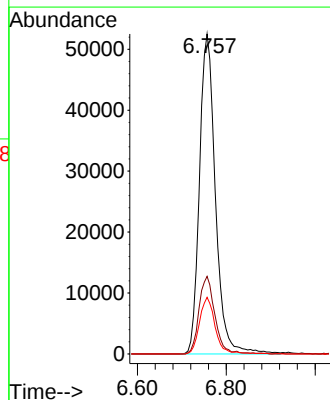
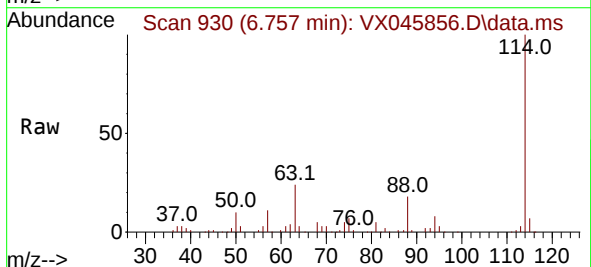
Tgt Ion: 114 Resp: 131466

Ion Ratio Lower Upper

114 100

63 24.2 0.0 46.8

88 17.7 0.0 35.4





#35

Dibromofluoromethane

Concen: 49.508 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX045856.D

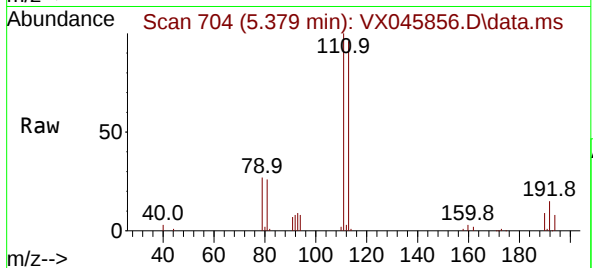
Acq: 18 Apr 2025 14:33

Instrument :

MSVOA_X

ClientSampleId :

PL-714-COMP-01



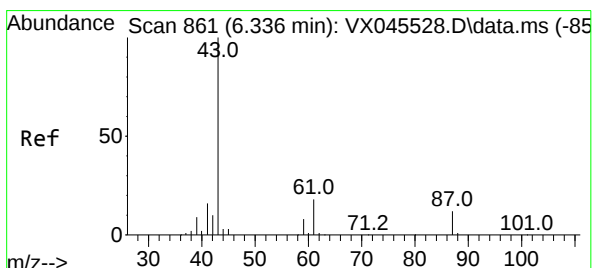
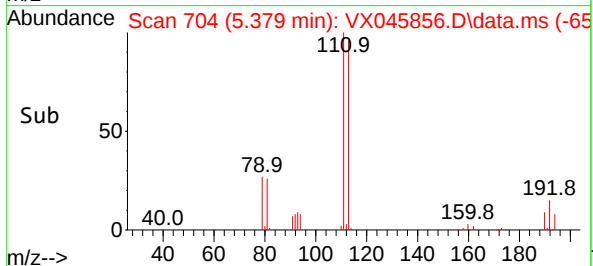
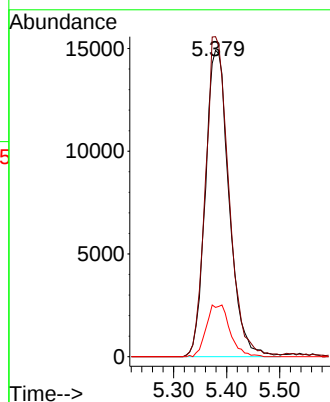
Tgt Ion:113 Resp: 46179

Ion Ratio Lower Upper

113 100

111 103.2 81.8 122.6

192 16.8 13.8 20.6



#43

Isopropyl Acetate

Concen: 4.483 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.012 min

Lab File: VX045856.D

Acq: 18 Apr 2025 14:33

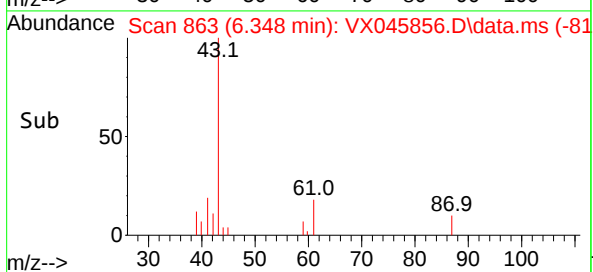
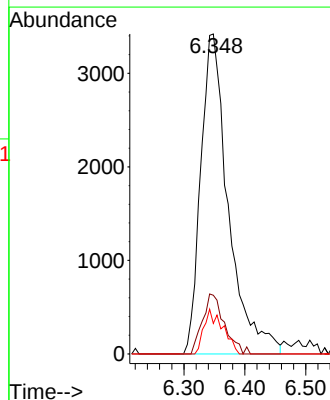
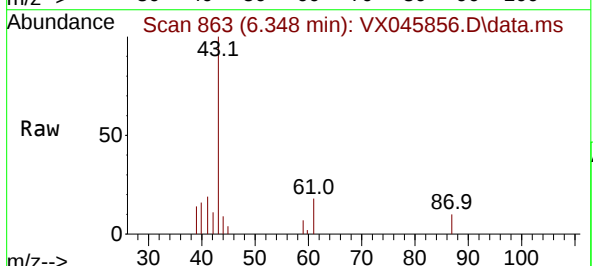
Tgt Ion: 43 Resp: 10783

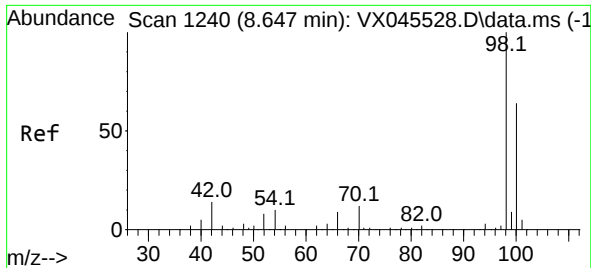
Ion Ratio Lower Upper

43 100

61 14.9 14.1 21.1

87 9.6 9.2 13.8

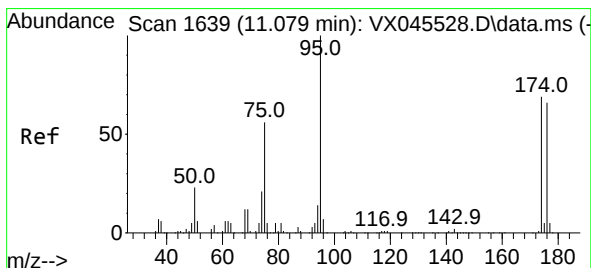
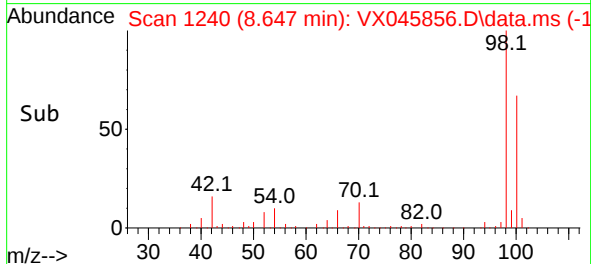
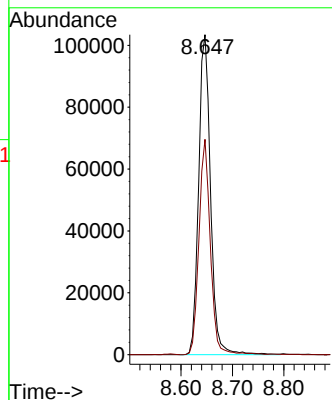
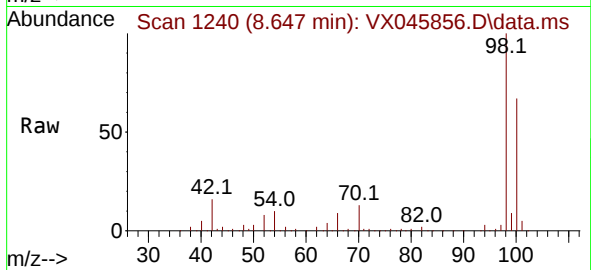




#50
Toluene-d8
Concen: 51.110 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045856.D
Acq: 18 Apr 2025 14:33

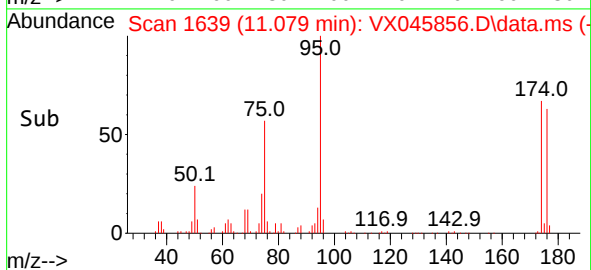
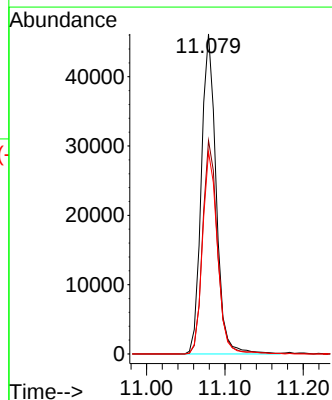
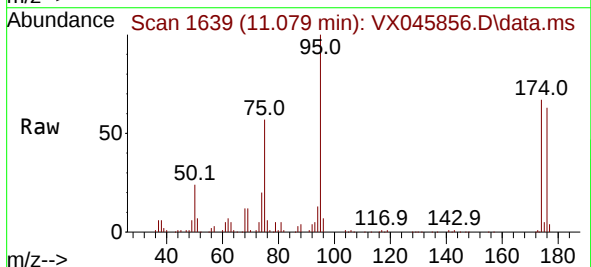
Instrument :
MSVOA_X
ClientSampleId :
PL-714-COMP-01

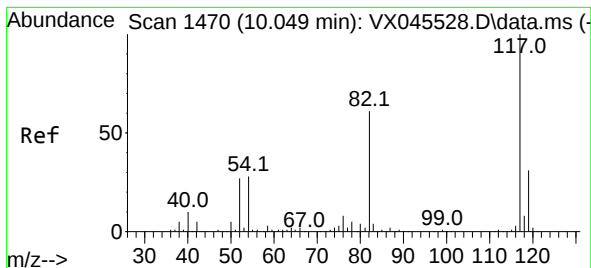
Tgt Ion: 98 Resp: 166397
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 51.112 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045856.D
Acq: 18 Apr 2025 14:33

Tgt Ion: 95 Resp: 60613
Ion Ratio Lower Upper
95 100
174 66.6 0.0 135.8
176 64.0 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: VX045856.D

Acq: 18 Apr 2025 14:33

Instrument :

MSVOA_X

ClientSampleId :

PL-714-COMP-01

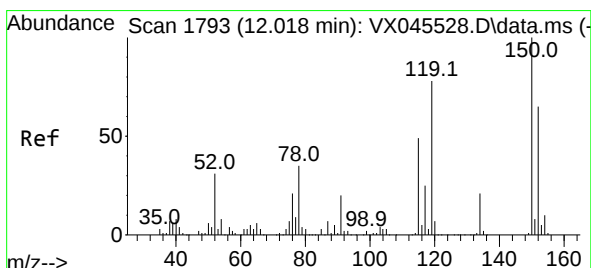
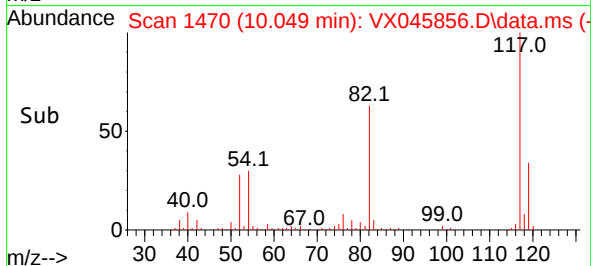
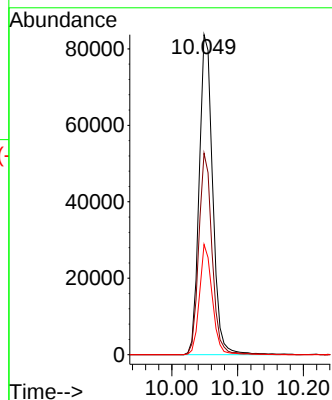
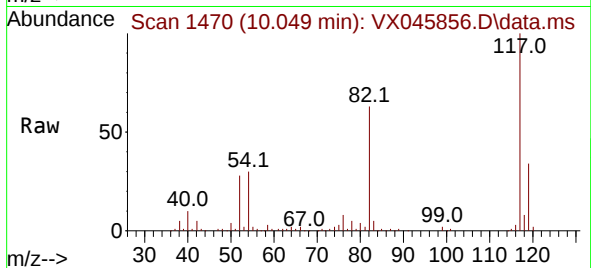
Tgt Ion:117 Resp: 119399

Ion Ratio Lower Upper

117 100

82 62.9 49.2 73.8

119 34.4 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: VX045856.D

Acq: 18 Apr 2025 14:33

Tgt Ion:152 Resp: 48635

Ion Ratio Lower Upper

152 100

115 66.3 46.9 140.7

150 155.0 0.0 349.4

