

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041825\
 Data File : VX045860.D
 Acq On : 18 Apr 2025 16:05
 Operator : JC/MD
 Sample : Q1832-30
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PL-714-COMP-05

Quant Time: Apr 18 23:42:04 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)

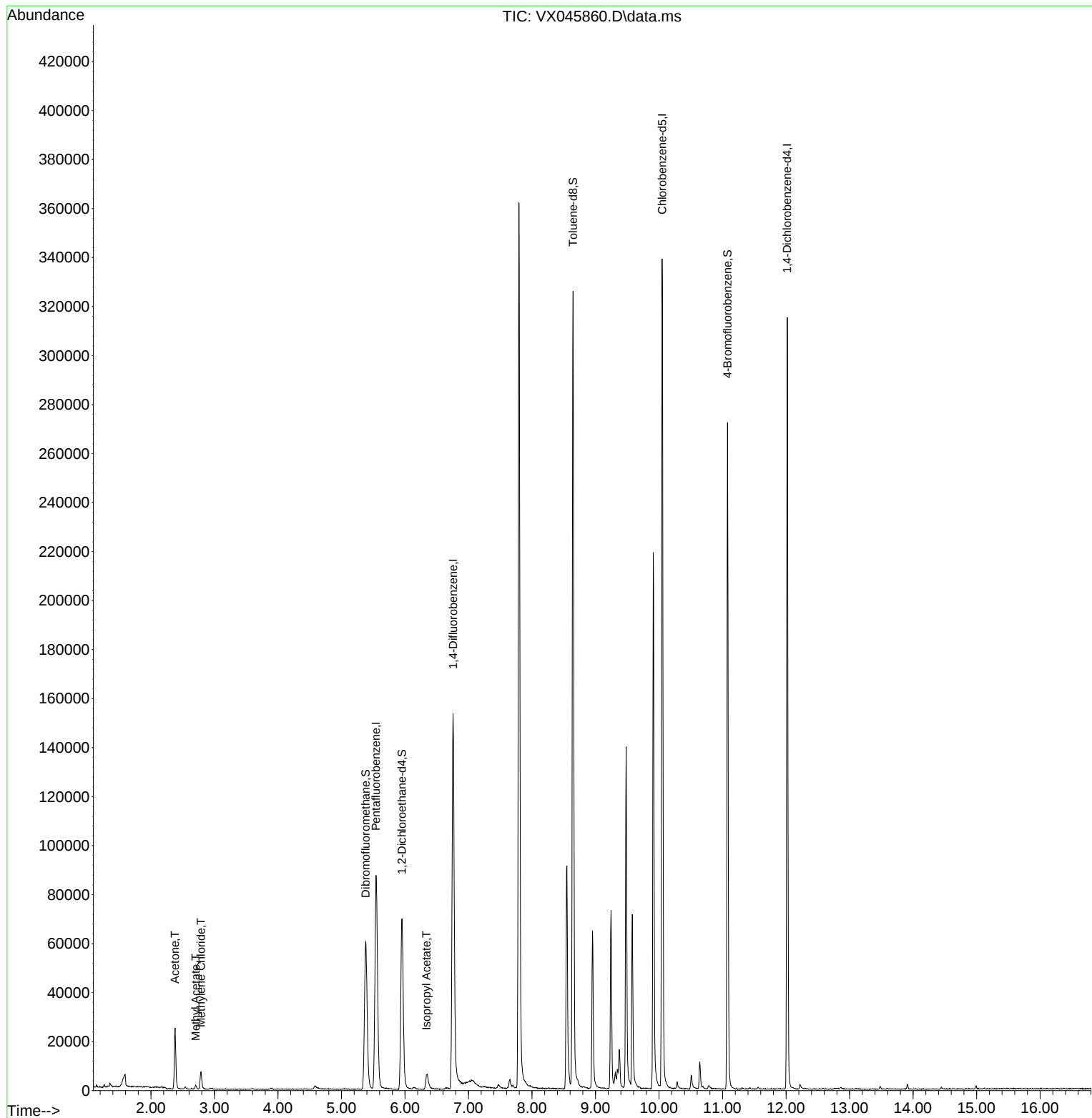
Internal Standards						
1) Pentafluorobenzene	5.544	168	74763	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	146494	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	140270	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	58479	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	72655	53.141	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.280%			
35) Dibromofluoromethane	5.379	113	51696	49.738	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.480%			
50) Toluene-d8	8.647	98	184851	50.954	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.900%			
62) 4-Bromofluorobenzene	11.079	95	71142	53.837	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 107.680%			
Target Compounds						
16) Acetone	2.379	43	26745	47.638	ug/l	98
18) Methyl Acetate	2.703	43	1971	1.525	ug/l	94
20) Methylene Chloride	2.788	84	3237	3.080	ug/l #	94
43) Isopropyl Acetate	6.336	43	10701	3.992	ug/l #	64

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

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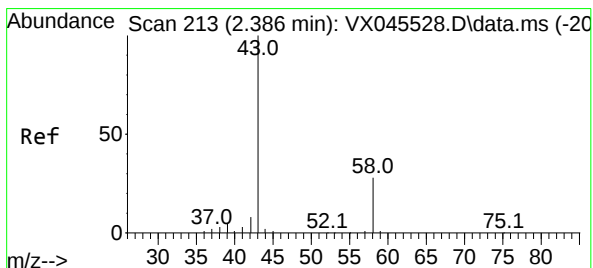
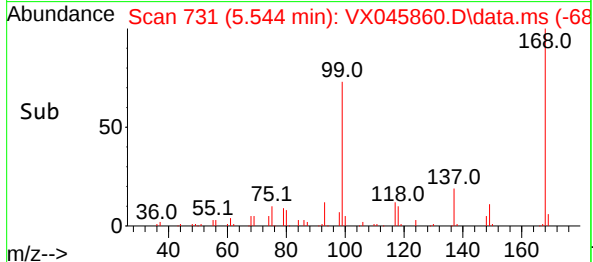
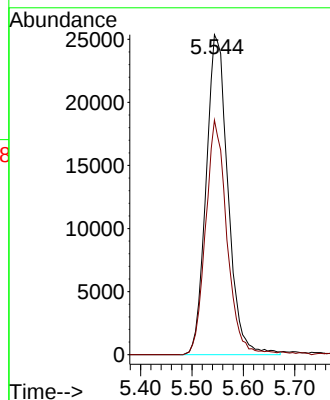
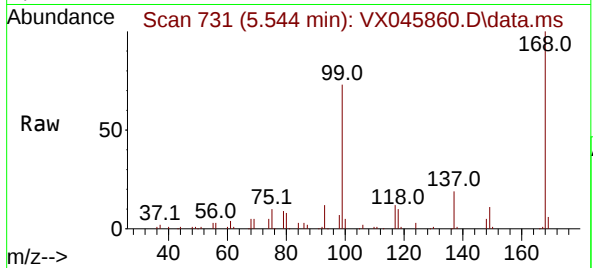




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045860.D
Acq: 18 Apr 2025 16:05

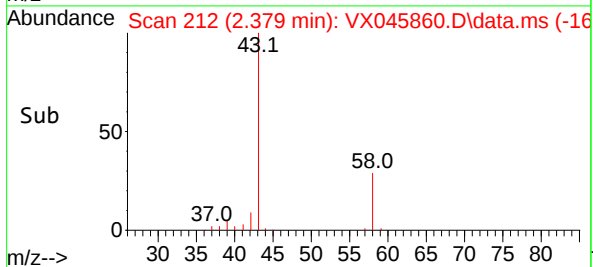
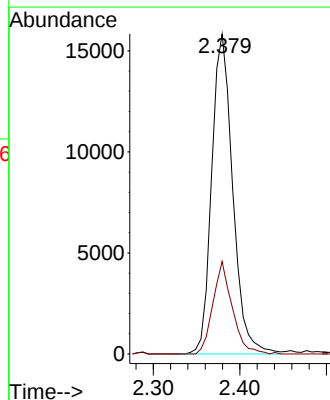
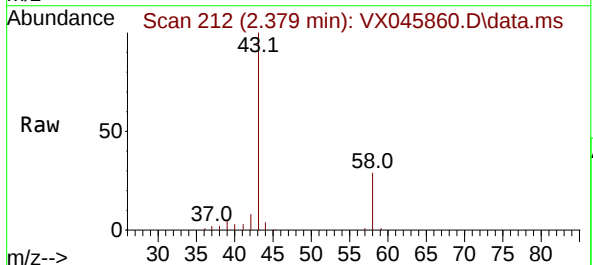
Instrument :
MSVOA_X
ClientSampleId :
PL-714-COMP-05

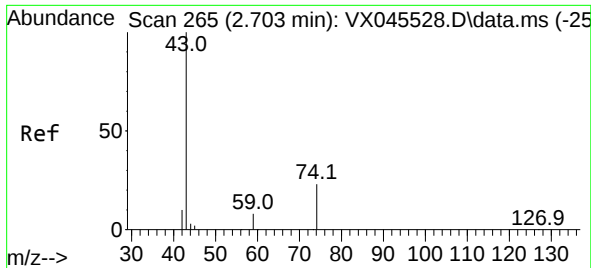
Tgt Ion:168 Resp: 74763
Ion Ratio Lower Upper
168 100
99 73.3 52.3 78.5



#16
Acetone
Concen: 47.638 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045860.D
Acq: 18 Apr 2025 16:05

Tgt Ion: 43 Resp: 26745
Ion Ratio Lower Upper
43 100
58 28.9 22.3 33.5

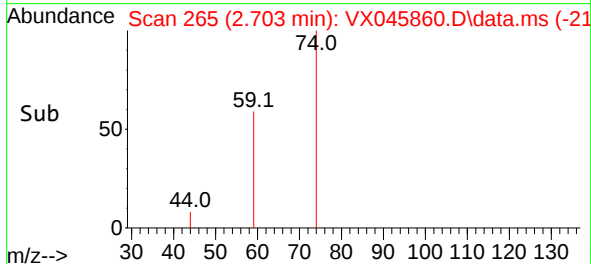
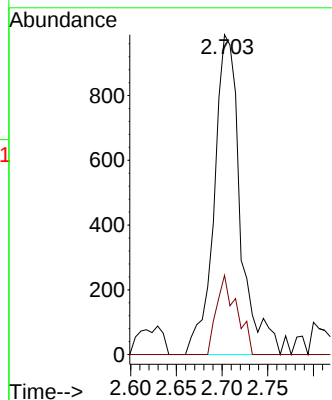
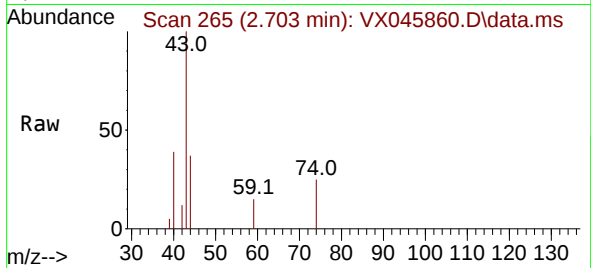




#18
Methyl Acetate
Concen: 1.525 ug/l
RT: 2.703 min Scan# 218
Delta R.T. -0.000 min
Lab File: VX045860.D
Acq: 18 Apr 2025 16:05

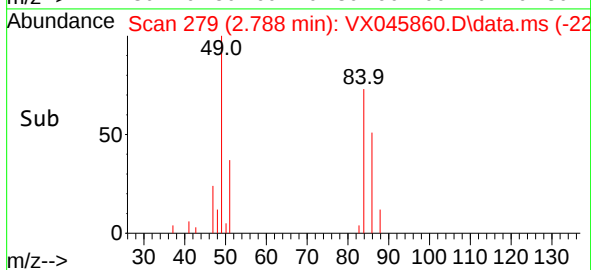
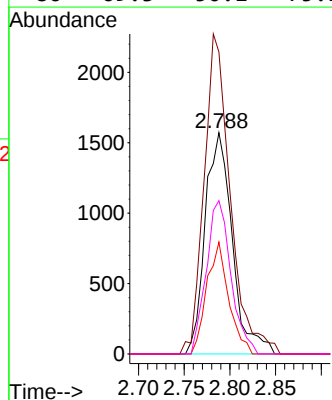
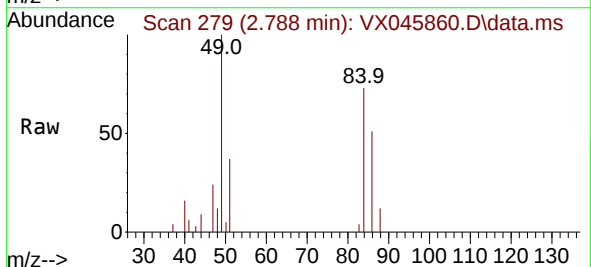
Instrument :
MSVOA_X
ClientSampleId :
PL-714-COMP-05

Tgt Ion: 43 Resp: 1971
Ion Ratio Lower Upper
43 100
74 19.1 17.5 26.3



#20
Methylene Chloride
Concen: 3.080 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX045860.D
Acq: 18 Apr 2025 16:05

Tgt Ion: 84 Resp: 3237
Ion Ratio Lower Upper
84 100
49 136.5 107.5 161.3
51 50.6 33.0 49.6#
86 69.3 50.1 75.1





#33

1,2-Dichloroethane-d4

Concen: 53.141 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045860.D

Acq: 18 Apr 2025 16:05

Instrument :

MSVOA_X

ClientSampleId :

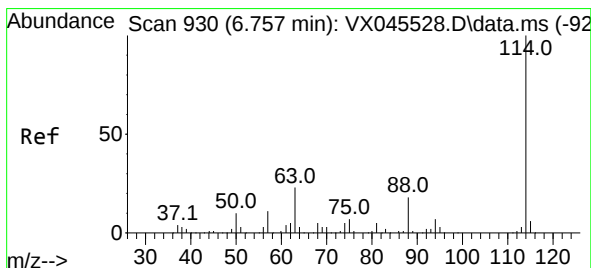
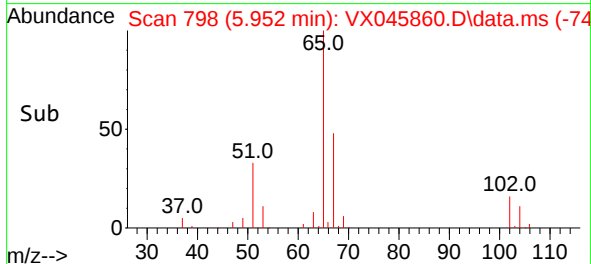
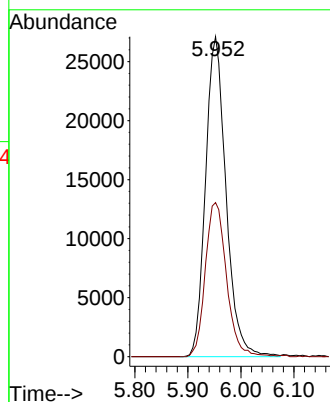
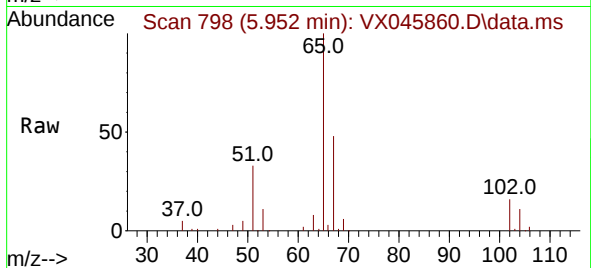
PL-714-COMP-05

Tgt Ion: 65 Resp: 72655

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: VX045860.D

Acq: 18 Apr 2025 16:05

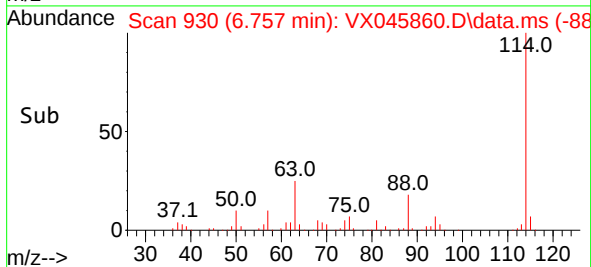
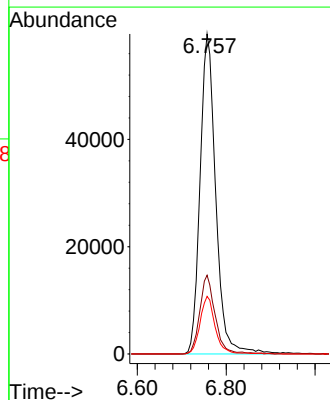
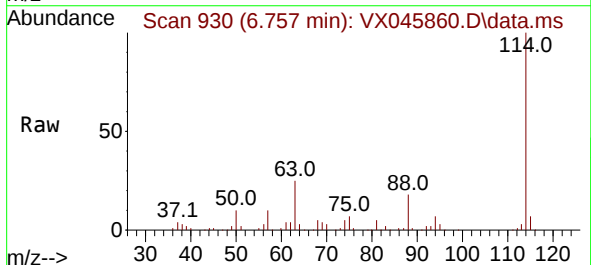
Tgt Ion: 114 Resp: 146494

Ion Ratio Lower Upper

114 100

63 24.6 0.0 46.8

88 18.0 0.0 35.4





#35

Dibromofluoromethane

Concen: 49.738 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX045860.D

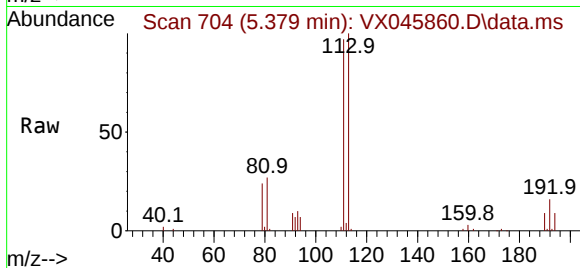
Acq: 18 Apr 2025 16:05

Instrument :

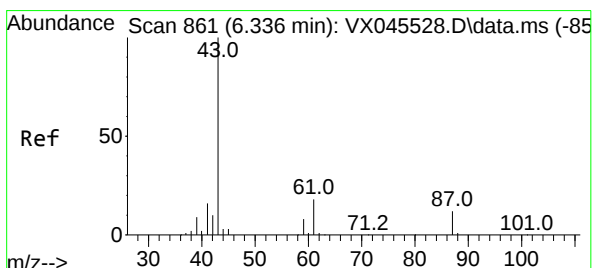
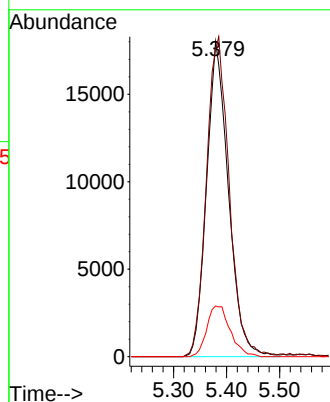
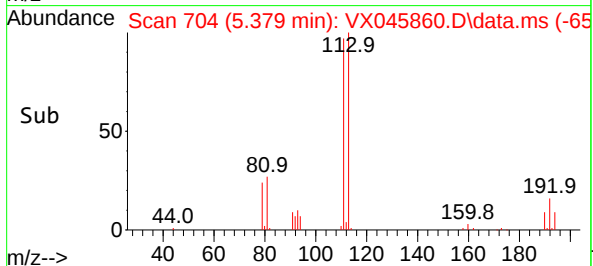
MSVOA_X

ClientSampleId :

PL-714-COMP-05



Tgt Ion:	113	Resp:	51696
Ion	Ratio	Lower	Upper
113	100		
111	105.9	81.8	122.6
192	17.3	13.8	20.6



#43

Isopropyl Acetate

Concen: 3.992 ug/l

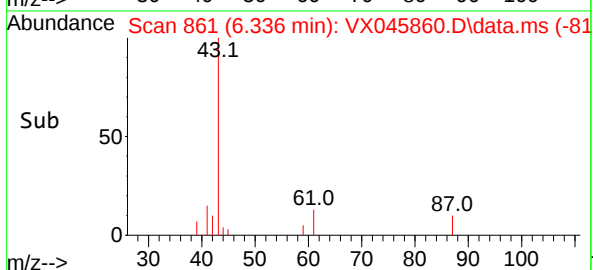
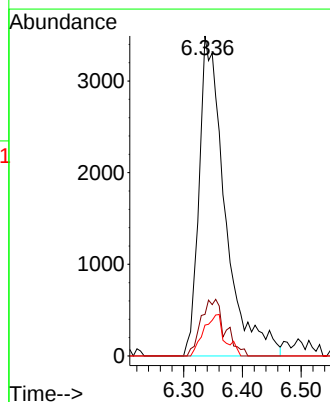
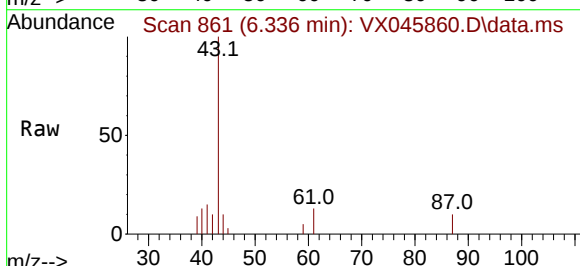
RT: 6.336 min Scan# 861

Delta R.T. -0.000 min

Lab File: VX045860.D

Acq: 18 Apr 2025 16:05

Tgt Ion:	43	Resp:	10701
Ion	Ratio	Lower	Upper
43	100		
61	0.0	14.1	21.1#
87	0.0	9.2	13.8#

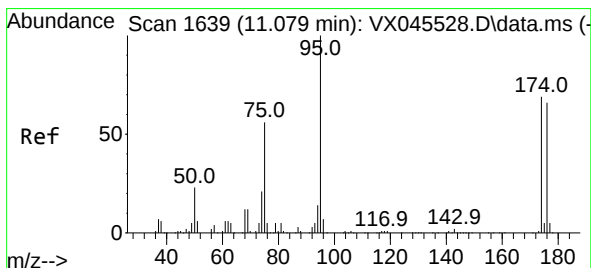
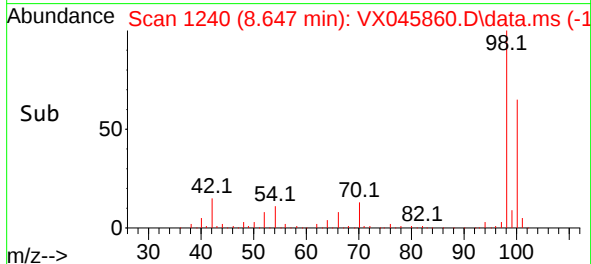
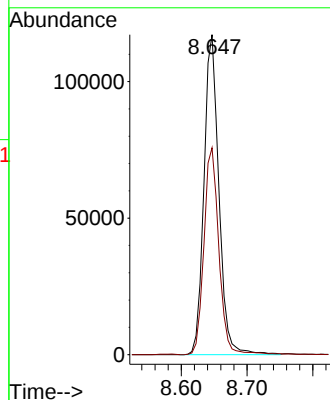
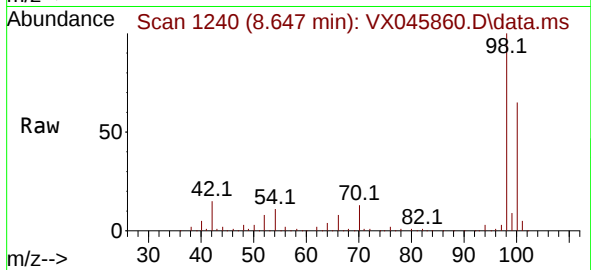




#50
Toluene-d8
Concen: 50.954 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045860.D
Acq: 18 Apr 2025 16:05

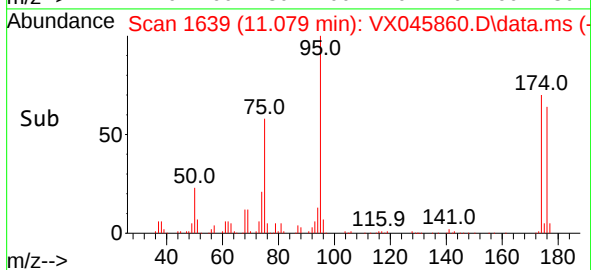
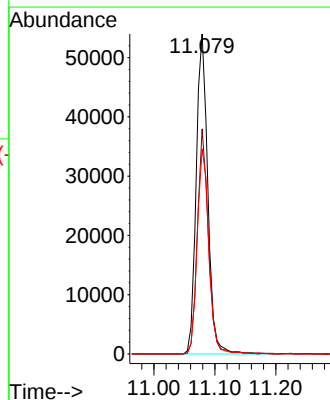
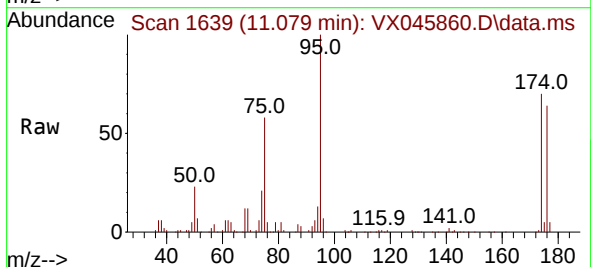
Instrument :
MSVOA_X
ClientSampleId :
PL-714-COMP-05

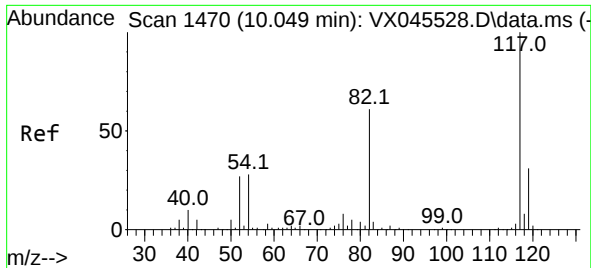
Tgt Ion: 98 Resp: 184851
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 53.837 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045860.D
Acq: 18 Apr 2025 16:05

Tgt Ion: 95 Resp: 71142
Ion Ratio Lower Upper
95 100
174 66.9 0.0 135.8
176 64.4 0.0 131.4

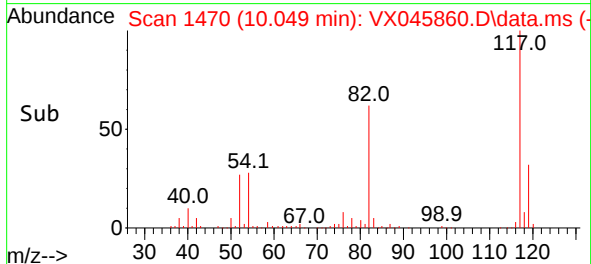
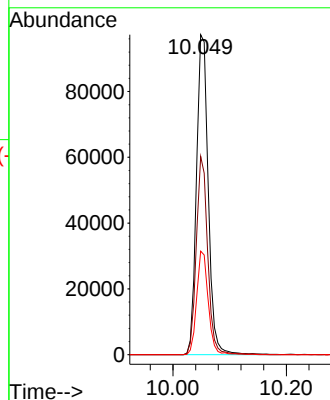
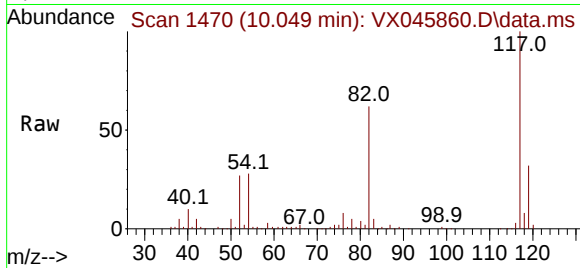




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045860.D
Acq: 18 Apr 2025 16:05

Instrument :
MSVOA_X
ClientSampleId :
PL-714-COMP-05

Tgt Ion:117 Resp: 140270
Ion Ratio Lower Upper
117 100
82 62.0 49.2 73.8
119 32.4 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: VX045860.D
Acq: 18 Apr 2025 16:05

Tgt Ion:152 Resp: 58479
Ion Ratio Lower Upper
152 100
115 65.4 46.9 140.7
150 159.4 0.0 349.4

