

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041825\
 Data File : VX045859.D
 Acq On : 18 Apr 2025 15:42
 Operator : JC/MD
 Sample : Q1832-24
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PL-714-COMP-04

Quant Time: Apr 18 23:41:38 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)

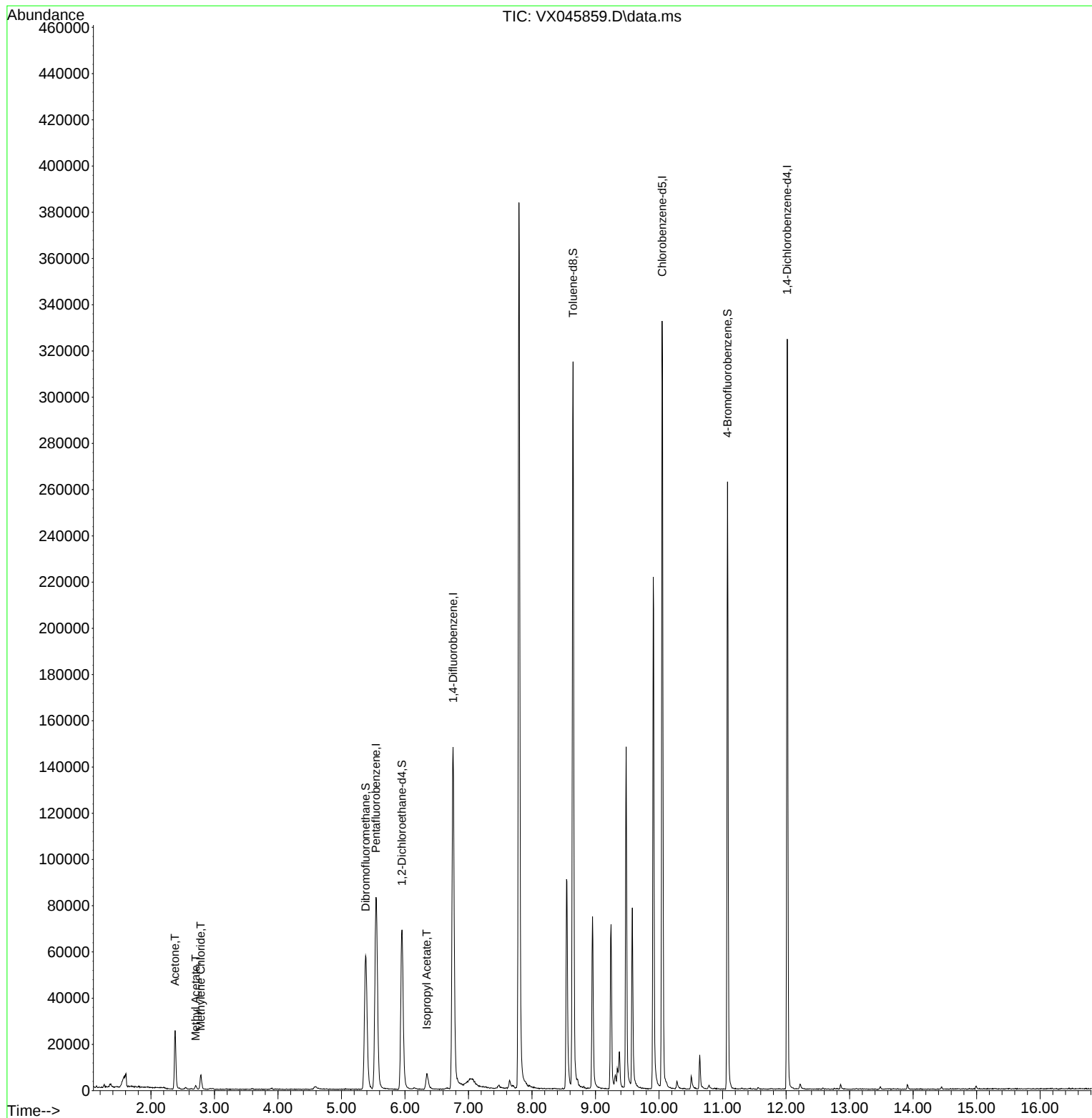
Internal Standards						
1) Pentafluorobenzene	5.544	168	72071	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	141413	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	135825	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	58716	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	71505	54.253	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.500%
35) Dibromofluoromethane	5.379	113	50914	50.745	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.500%
50) Toluene-d8	8.647	98	179982	51.394	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.780%
62) 4-Bromofluorobenzene	11.079	95	70167	55.007	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	110.020%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	27649	51.088	ug/l	100
18) Methyl Acetate	2.703	43	2111	1.694	ug/l	95
20) Methylene Chloride	2.782	84	2938	2.900	ug/l	95
43) Isopropyl Acetate	6.342	43	10066	3.890	ug/l	99

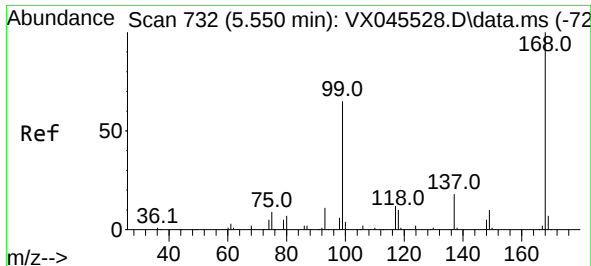
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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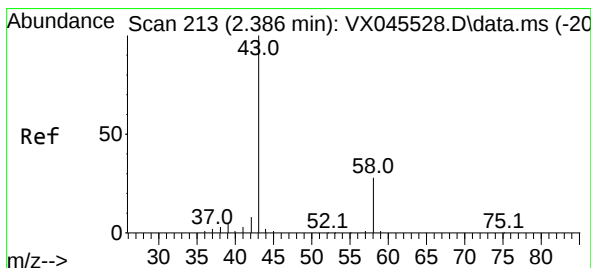
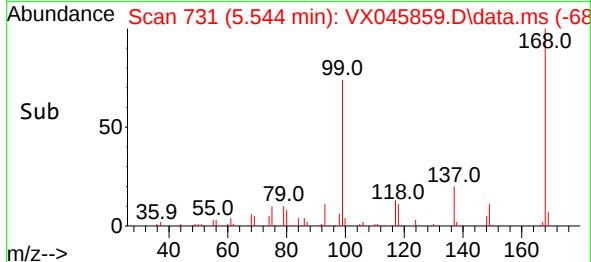
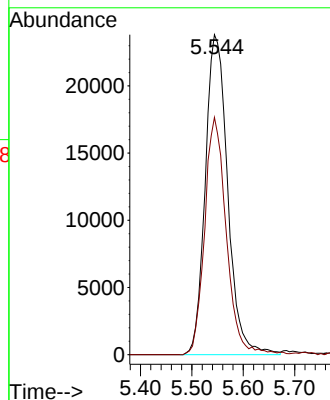
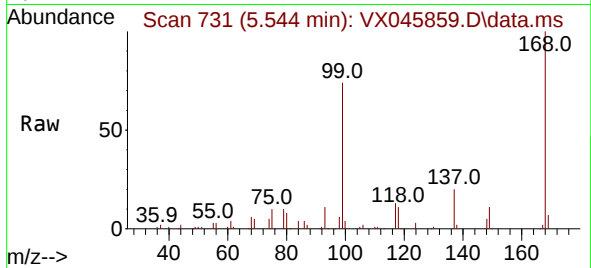




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045859.D
Acq: 18 Apr 2025 15:42

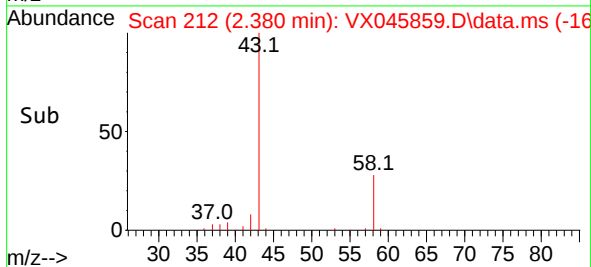
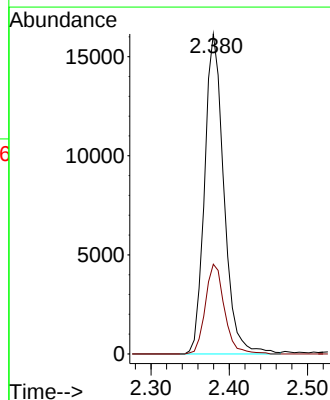
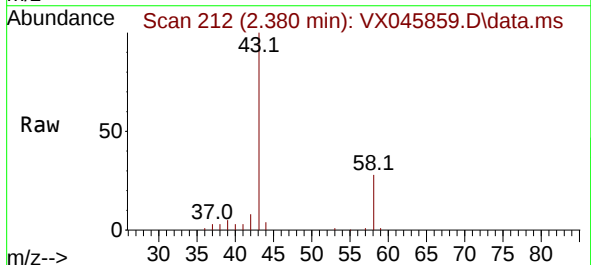
Instrument :
MSVOA_X
ClientSampleId :
PL-714-COMP-04

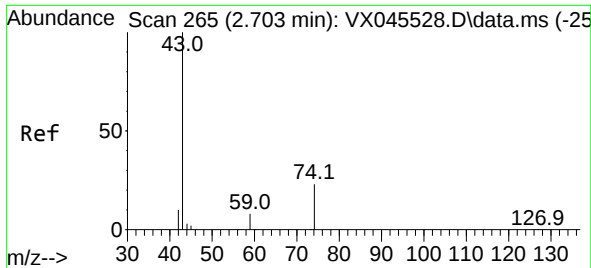
Tgt Ion:168 Resp: 72071
Ion Ratio Lower Upper
168 100
99 74.2 52.3 78.5



#16
Acetone
Concen: 51.088 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045859.D
Acq: 18 Apr 2025 15:42

Tgt Ion: 43 Resp: 27649
Ion Ratio Lower Upper
43 100
58 28.0 22.3 33.5

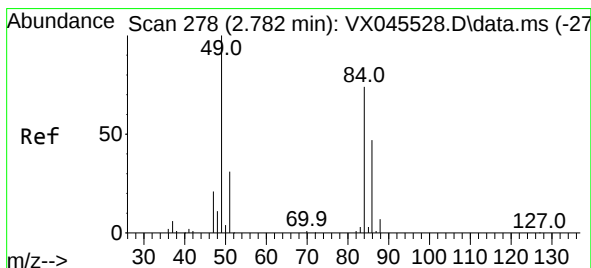
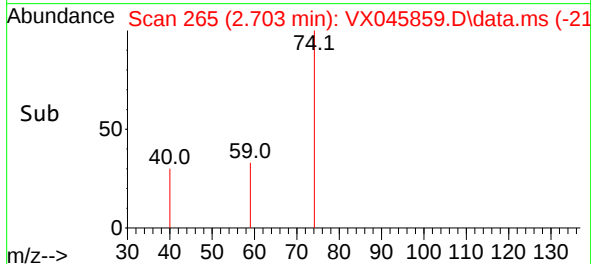
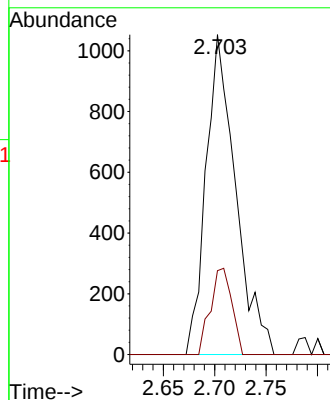
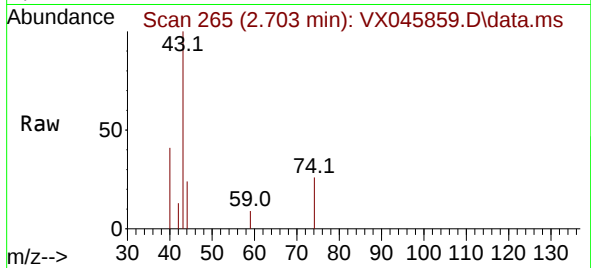




#18
Methyl Acetate
Concen: 1.694 ug/l
RT: 2.703 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX045859.D
Acq: 18 Apr 2025 15:42

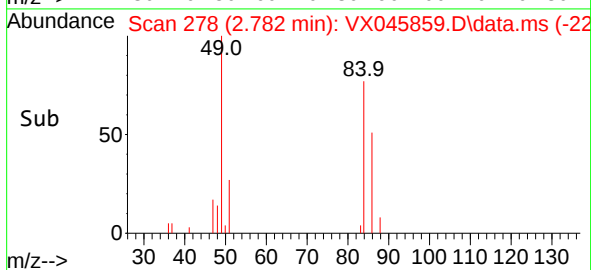
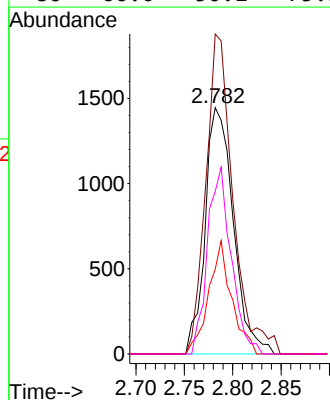
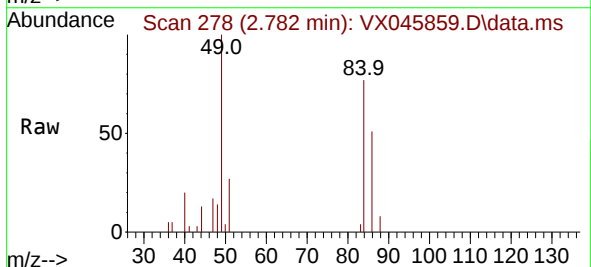
Instrument :
MSVOA_X
ClientSampleId :
PL-714-COMP-04

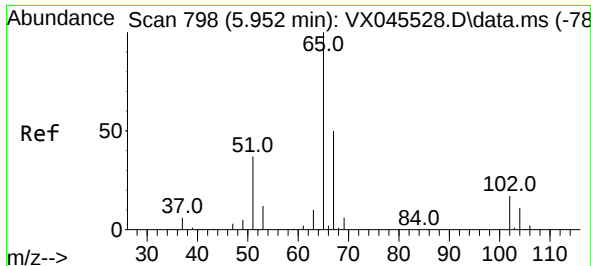
Tgt Ion: 43 Resp: 2111
Ion Ratio Lower Upper
43 100
74 19.4 17.5 26.3



#20
Methylene Chloride
Concen: 2.900 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045859.D
Acq: 18 Apr 2025 15:42

Tgt Ion: 84 Resp: 2938
Ion Ratio Lower Upper
84 100
49 130.0 107.5 161.3
51 34.5 33.0 49.6
86 66.0 50.1 75.1





#33

1,2-Dichloroethane-d4

Concen: 54.253 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045859.D

Acq: 18 Apr 2025 15:42

Instrument :

MSVOA_X

ClientSampleId :

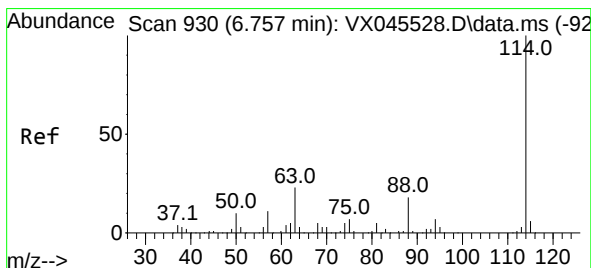
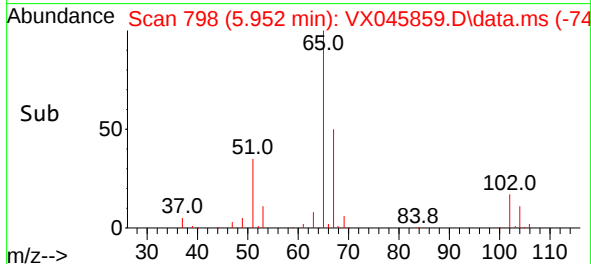
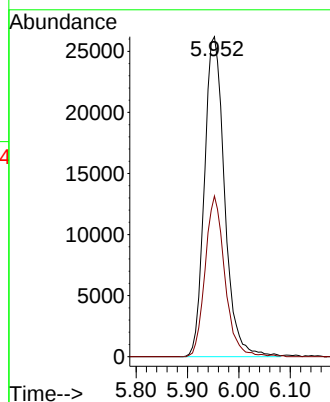
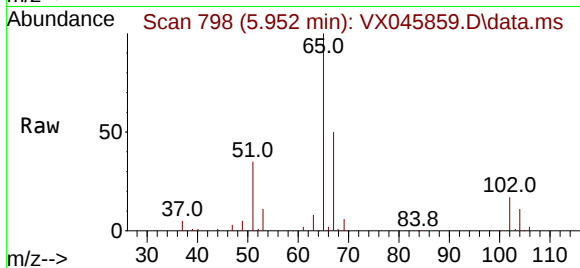
PL-714-COMP-04

Tgt Ion: 65 Resp: 71505

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# 930

Delta R.T. 0.000 min

Lab File: VX045859.D

Acq: 18 Apr 2025 15:42

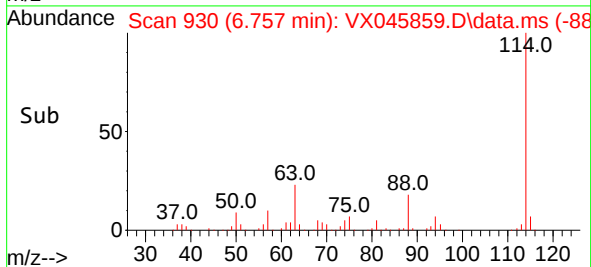
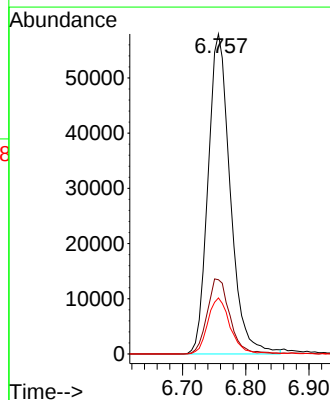
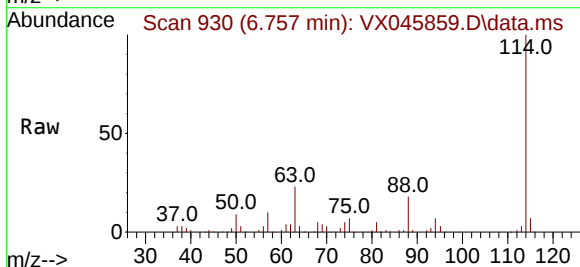
Tgt Ion: 114 Resp: 141413

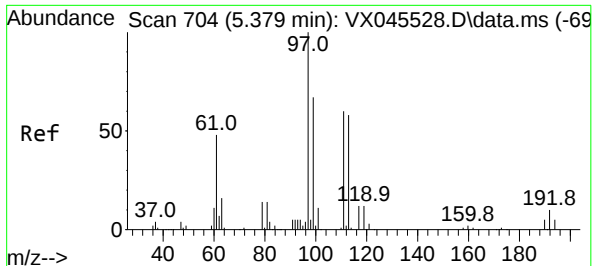
Ion Ratio Lower Upper

114 100

63 23.2 0.0 46.8

88 17.5 0.0 35.4





#35

Dibromofluoromethane

Concen: 50.745 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX045859.D

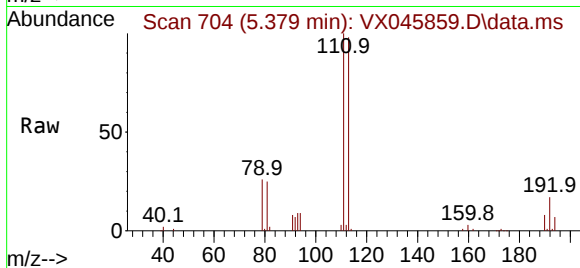
Acq: 18 Apr 2025 15:42

Instrument :

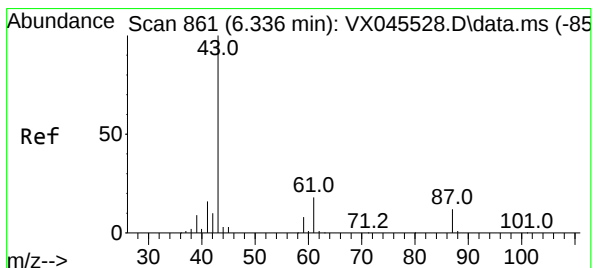
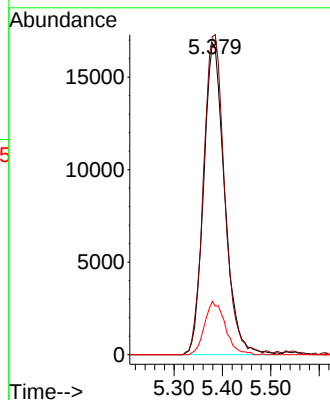
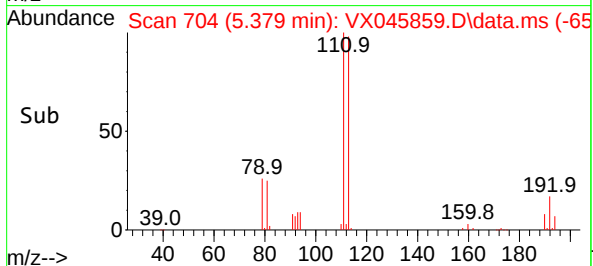
MSVOA_X

ClientSampleId :

PL-714-COMP-04



Tgt Ion:	113	Resp:	50914
Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.8	122.6
192	16.8	13.8	20.6



#43

Isopropyl Acetate

Concen: 3.890 ug/l

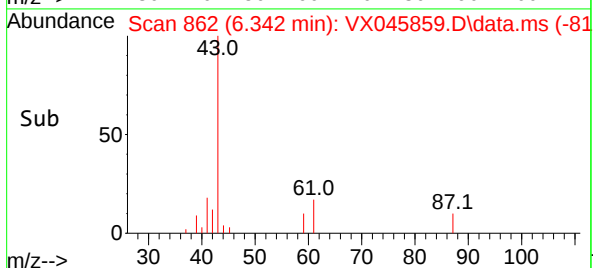
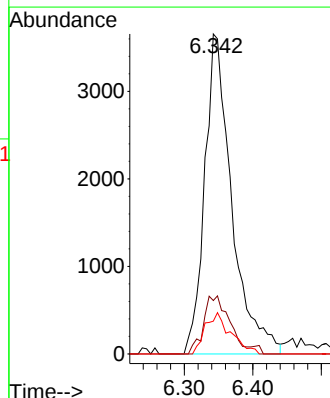
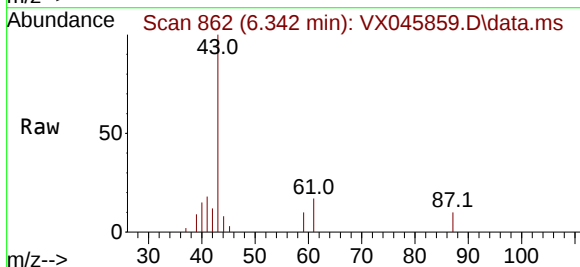
RT: 6.342 min Scan# 862

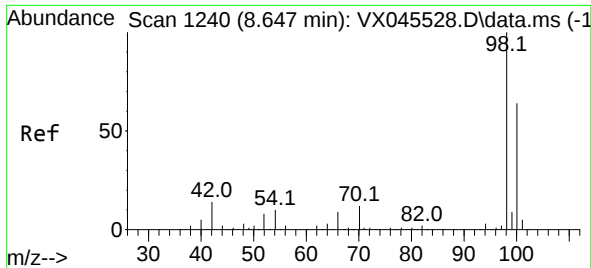
Delta R.T. 0.006 min

Lab File: VX045859.D

Acq: 18 Apr 2025 15:42

Tgt Ion:	43	Resp:	10066
Ion	Ratio	Lower	Upper
43	100		
61	17.5	14.1	21.1
87	12.1	9.2	13.8

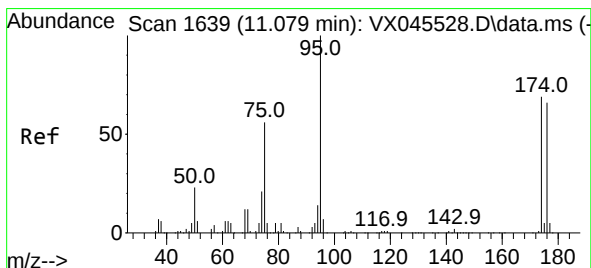
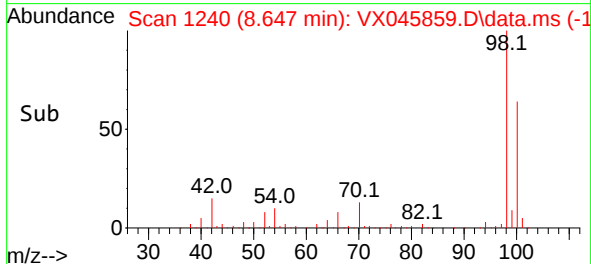
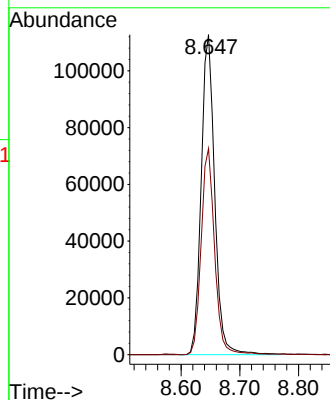
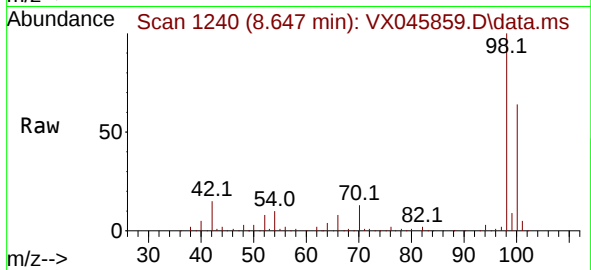




#50
Toluene-d8
Concen: 51.394 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045859.D
Acq: 18 Apr 2025 15:42

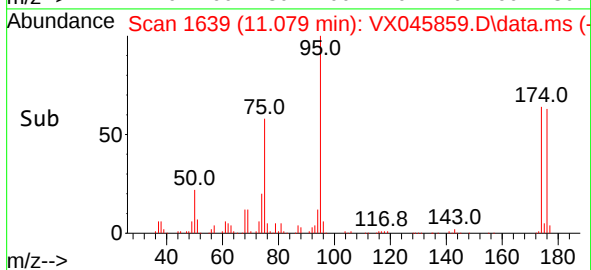
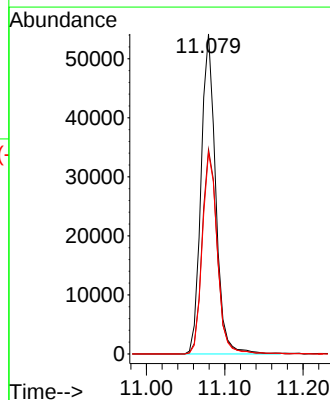
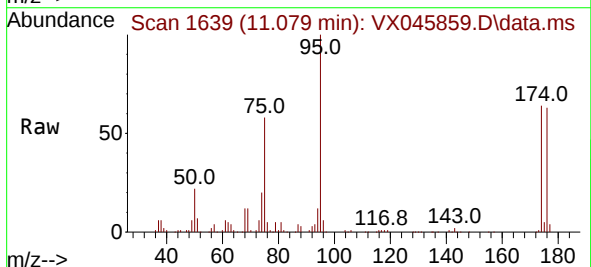
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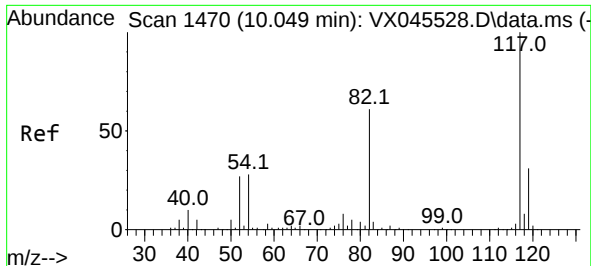
Tgt Ion: 98 Resp: 179982
Ion Ratio Lower Upper
98 100
100 64.5 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 55.007 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045859.D
Acq: 18 Apr 2025 15:42

Tgt Ion: 95 Resp: 70167
Ion Ratio Lower Upper
95 100
174 65.8 0.0 135.8
176 64.7 0.0 131.4

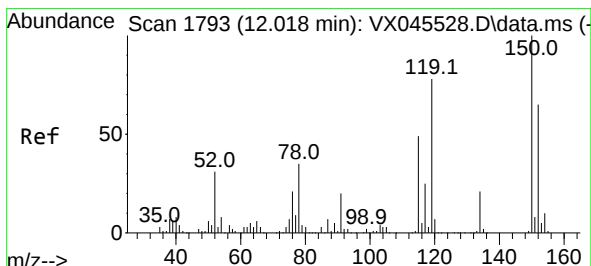
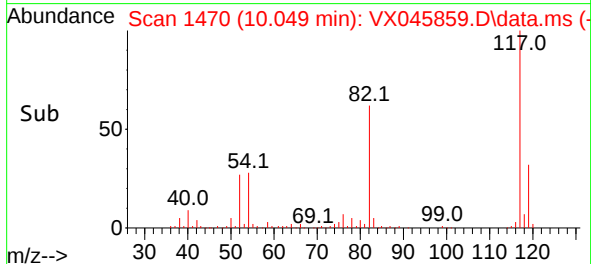
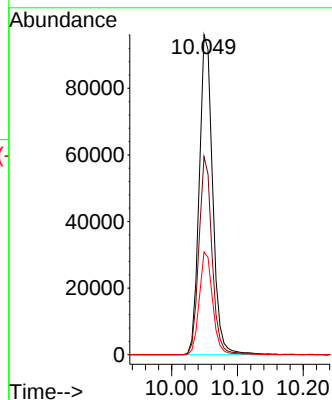
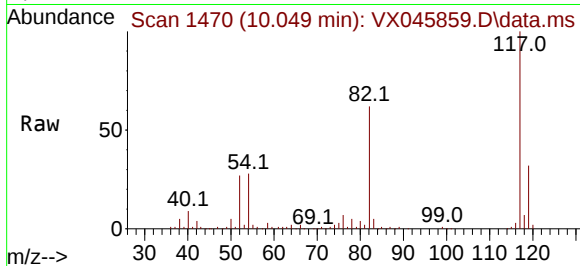




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045859.D
Acq: 18 Apr 2025 15:42

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:117 Resp: 135825
Ion Ratio Lower Upper
117 100
82 61.9 49.2 73.8
119 32.1 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: VX045859.D
Acq: 18 Apr 2025 15:42

Tgt Ion:152 Resp: 58716
Ion Ratio Lower Upper
152 100
115 65.7 46.9 140.7
150 158.6 0.0 349.4

