

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060325\
 Data File : VX046477.D
 Acq On : 03 Jun 2025 16:53
 Operator : JC/MD
 Sample : Q2173-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OR-400-CF-402B-COMP-25

Quant Time: Jun 04 01:30:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

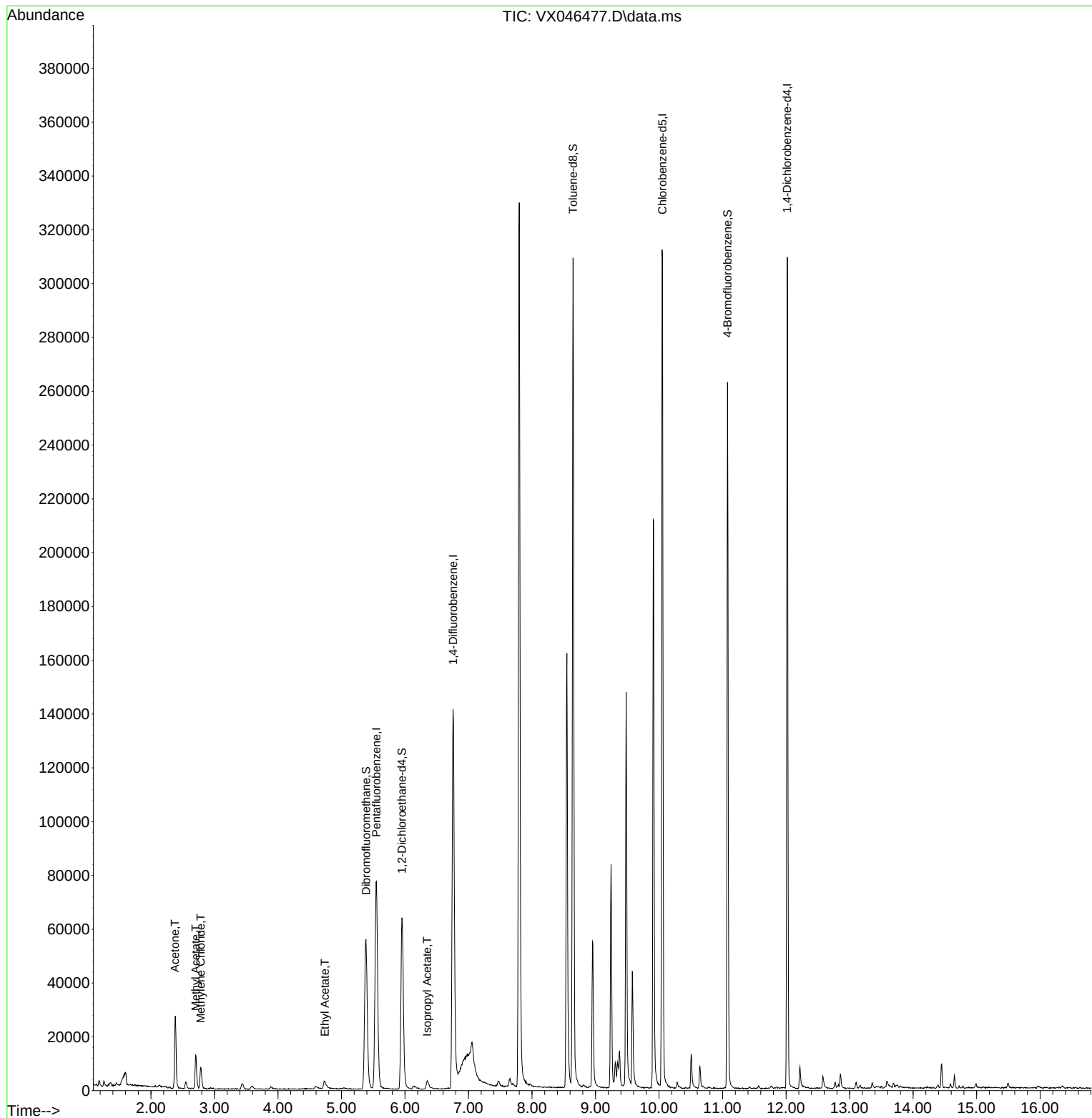
Internal Standards						
1) Pentafluorobenzene	5.550	168	66491	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	136404	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	130321	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	55820	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	67012	54.059	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.120%
35) Dibromofluoromethane	5.385	113	48166	49.036	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.080%
50) Toluene-d8	8.647	98	171320	50.393	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.780%
62) 4-Bromofluorobenzene	11.079	95	67985	52.133	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	104.260%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	30047	60.454	ug/l	96
18) Methyl Acetate	2.703	43	15526	13.462	ug/l	99
20) Methylene Chloride	2.782	84	3863	4.056	ug/l	87
37) Ethyl Acetate	4.739	43	6961	4.269	ug/l #	88
43) Isopropyl Acetate	6.348	43	5039	2.026	ug/l #	91

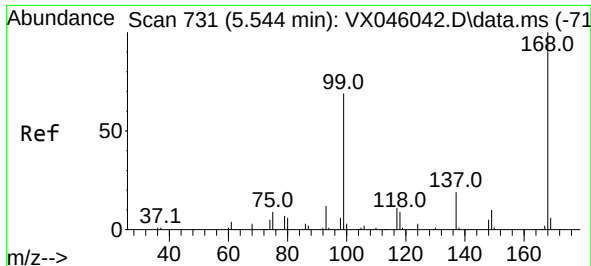
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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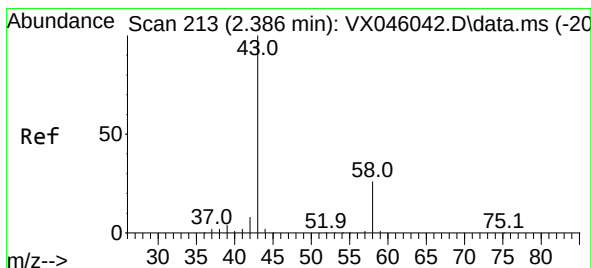
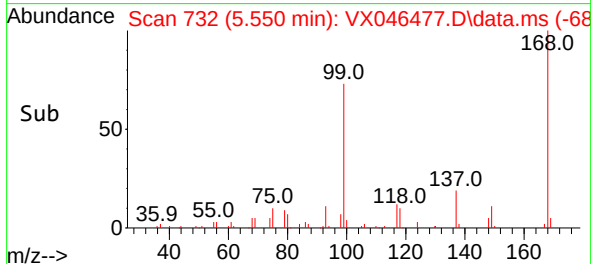
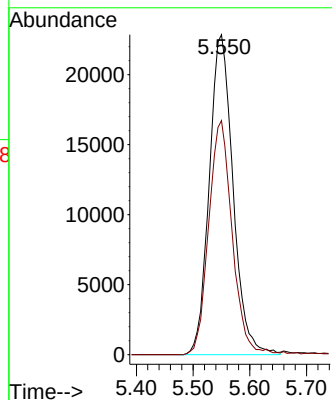
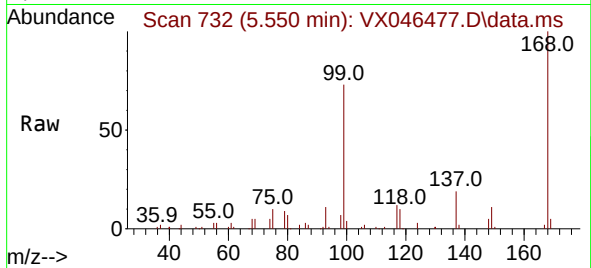




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046477.D
Acq: 03 Jun 2025 16:53

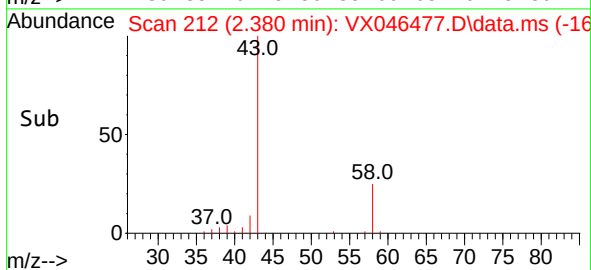
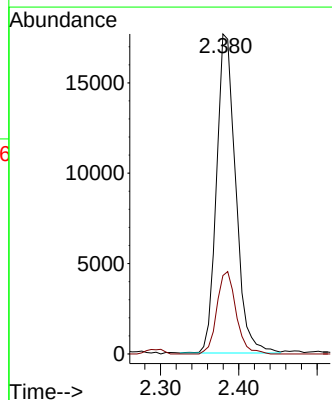
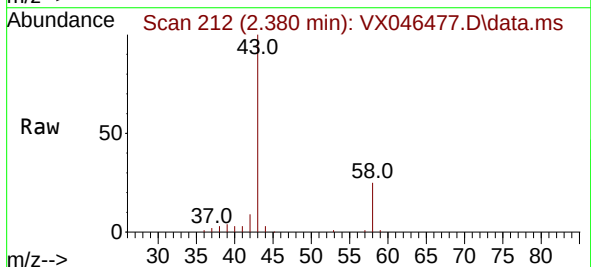
Instrument :
MSVOA_X
ClientSampleId :
OR-400-CF-402B-COMP-25

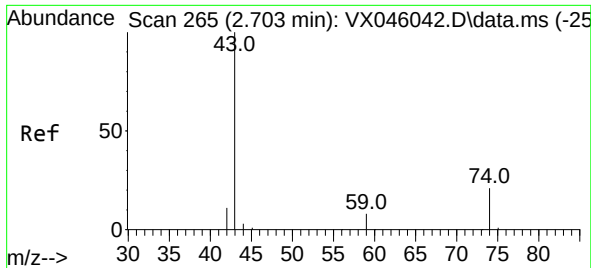
Tgt Ion:168 Resp: 66491
Ion Ratio Lower Upper
168 100
99 73.2 54.9 82.3



#16
Acetone
Concen: 60.454 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046477.D
Acq: 03 Jun 2025 16:53

Tgt Ion: 43 Resp: 30047
Ion Ratio Lower Upper
43 100
58 24.6 21.2 31.8

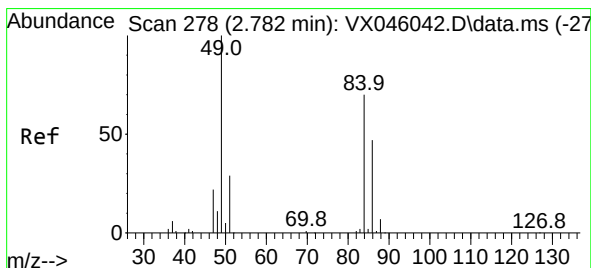
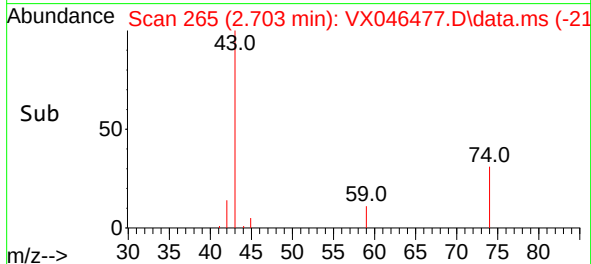
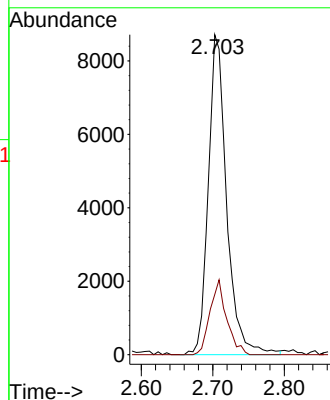
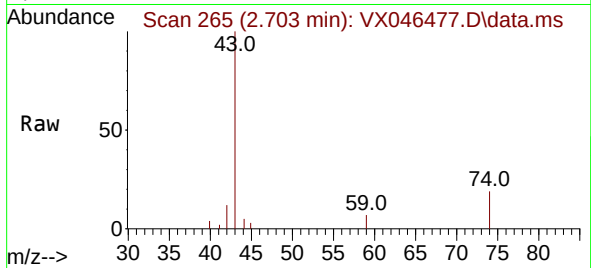




#18
Methyl Acetate
Concen: 13.462 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX046477.D
Acq: 03 Jun 2025 16:53

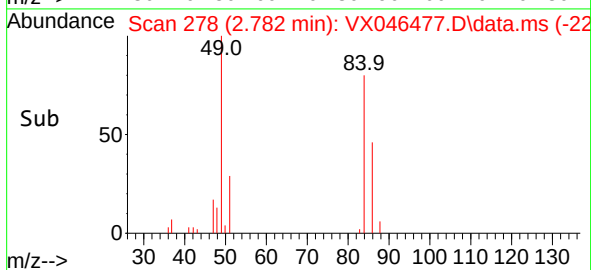
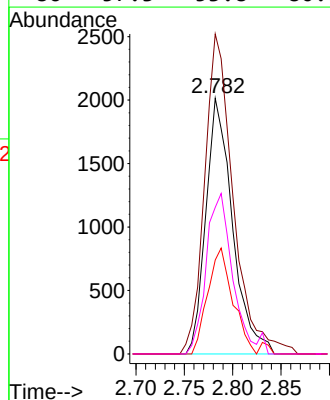
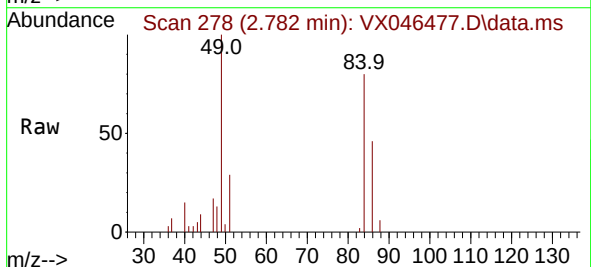
Instrument :
MSVOA_X
ClientSampleId :
OR-400-CF-402B-COMP-25

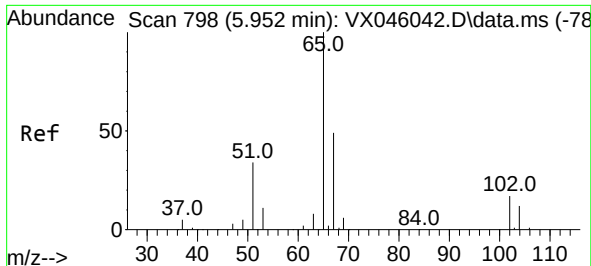
Tgt Ion: 43 Resp: 15526
Ion Ratio Lower Upper
43 100
74 21.3 16.7 25.1



#20
Methylene Chloride
Concen: 4.056 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX046477.D
Acq: 03 Jun 2025 16:53

Tgt Ion: 84 Resp: 3863
Ion Ratio Lower Upper
84 100
49 125.2 113.9 170.9
51 36.7 33.5 50.3
86 57.3 53.8 80.8





#33

1,2-Dichloroethane-d4

Concen: 54.059 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX046477.D

Acq: 03 Jun 2025 16:53

Instrument :

MSVOA_X

ClientSampleId :

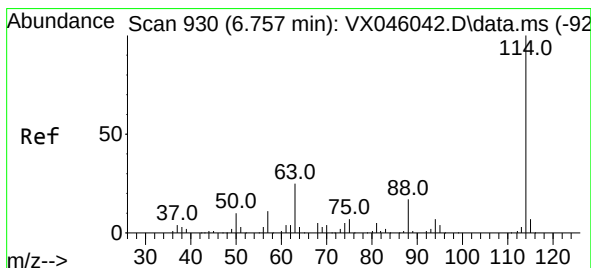
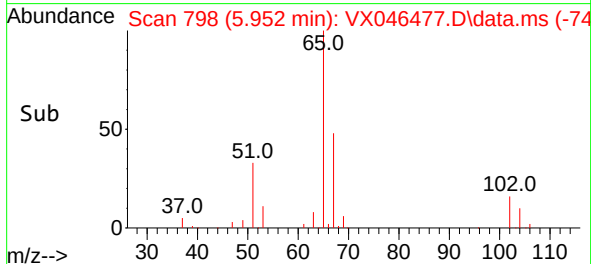
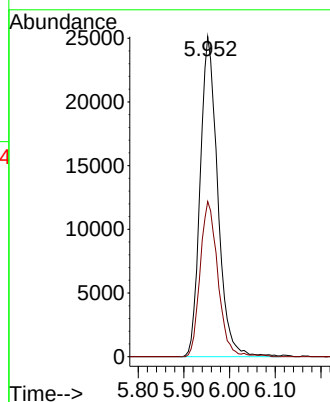
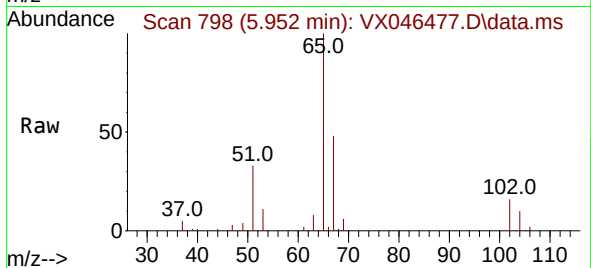
OR-400-CF-402B-COMP-25

Tgt Ion: 65 Resp: 67012

Ion Ratio Lower Upper

65 100

67 49.2 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: VX046477.D

Acq: 03 Jun 2025 16:53

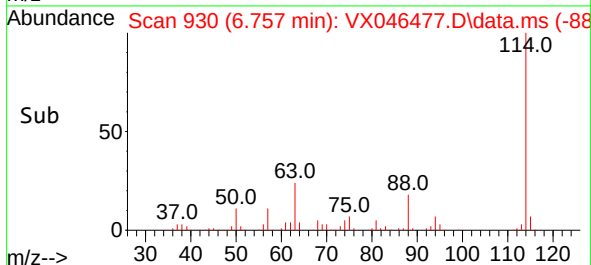
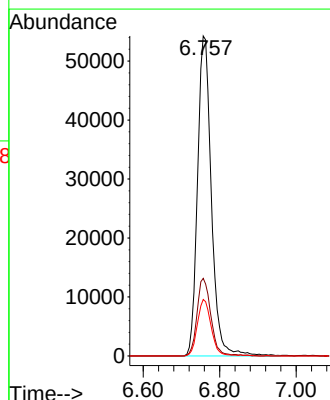
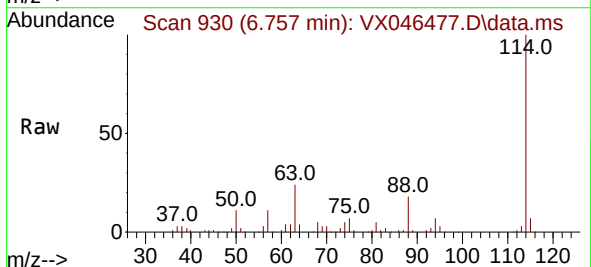
Tgt Ion: 114 Resp: 136404

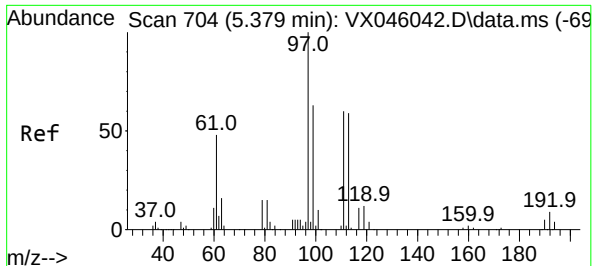
Ion Ratio Lower Upper

114 100

63 24.2 0.0 49.2

88 17.7 0.0 33.6





#35

Dibromofluoromethane

Concen: 49.036 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX046477.D

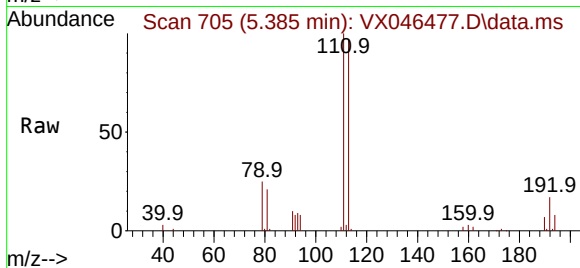
Acq: 03 Jun 2025 16:53

Instrument :

MSVOA_X

ClientSampleId :

OR-400-CF-402B-COMP-25



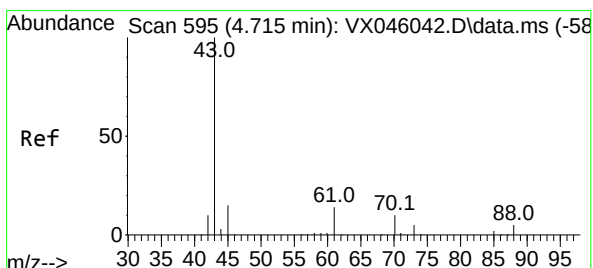
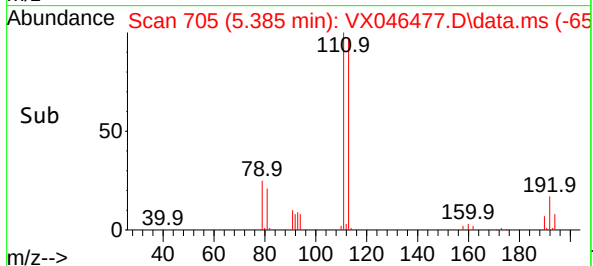
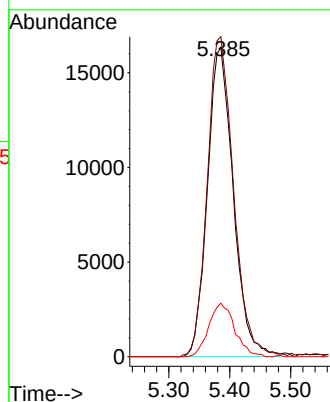
Tgt Ion:113 Resp: 48166

Ion Ratio Lower Upper

113 100

111 105.1 83.1 124.7

192 17.4 13.3 19.9



#37

Ethyl Acetate

Concen: 4.269 ug/l

RT: 4.739 min Scan# 599

Delta R.T. 0.024 min

Lab File: VX046477.D

Acq: 03 Jun 2025 16:53

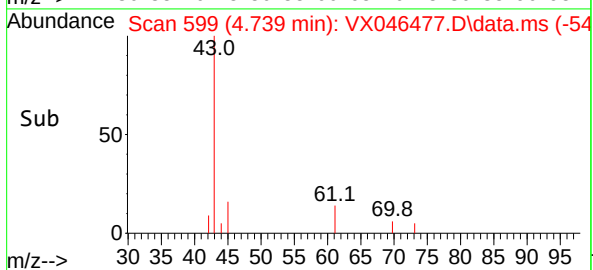
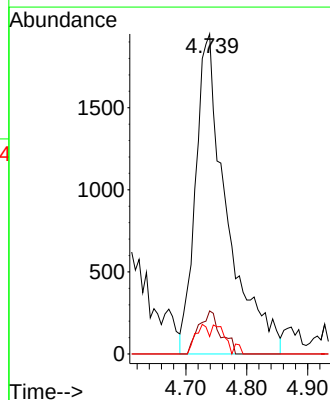
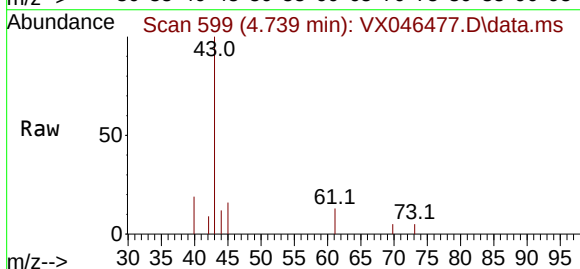
Tgt Ion: 43 Resp: 6961

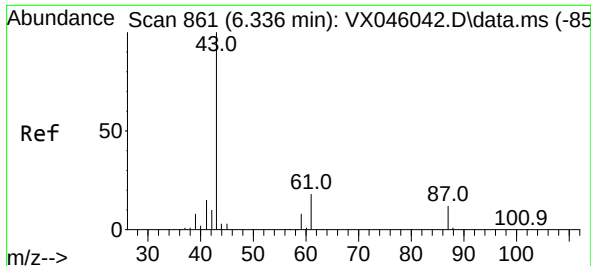
Ion Ratio Lower Upper

43 100

61 9.5 10.3 15.5#

70 3.6 7.9 11.9#

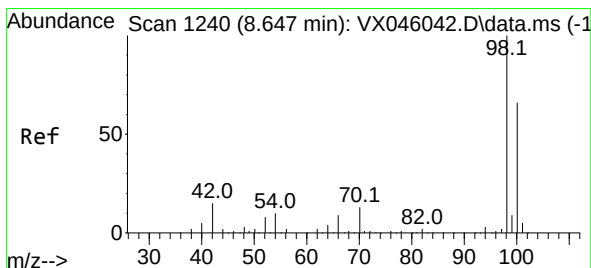
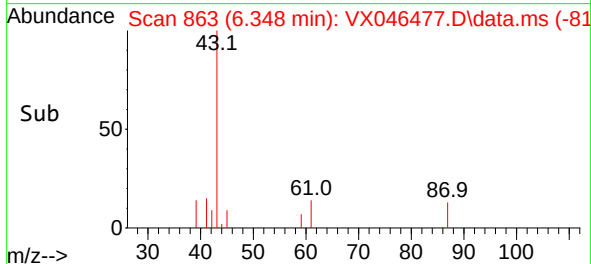
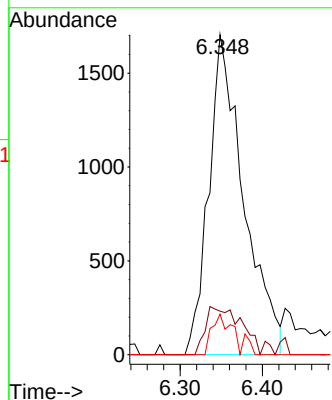
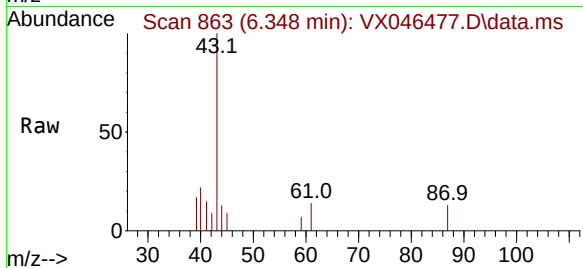




#43
Isopropyl Acetate
Concen: 2.026 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.012 min
Lab File: VX046477.D
Acq: 03 Jun 2025 16:53

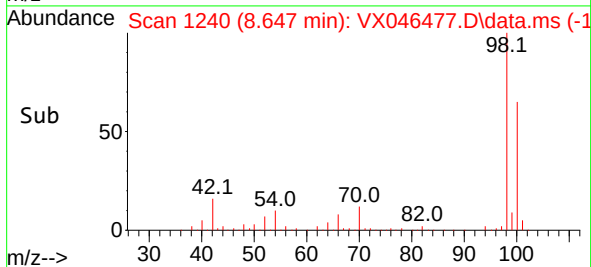
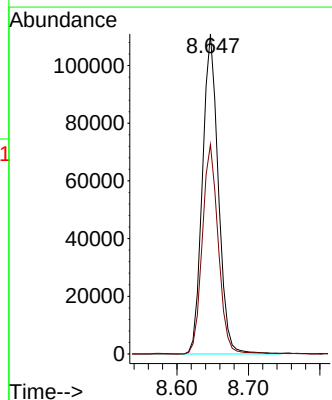
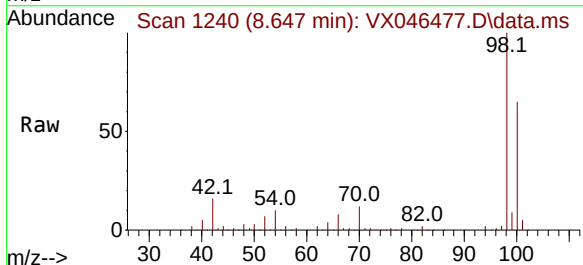
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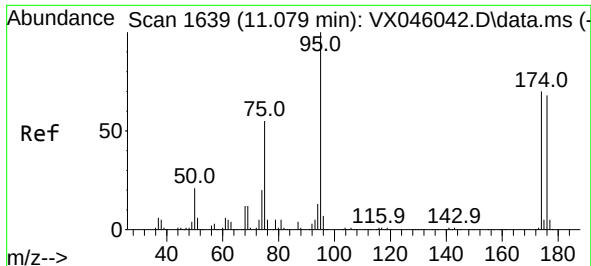
Tgt Ion: 43 Resp: 5039
Ion Ratio Lower Upper
43 100
61 15.3 14.3 21.5
87 7.0 9.5 14.3#



#50
Toluene-d8
Concen: 50.393 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046477.D
Acq: 03 Jun 2025 16:53

Tgt Ion: 98 Resp: 171320
Ion Ratio Lower Upper
98 100
100 65.6 53.5 80.3

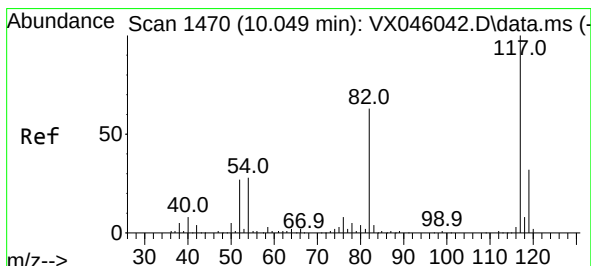
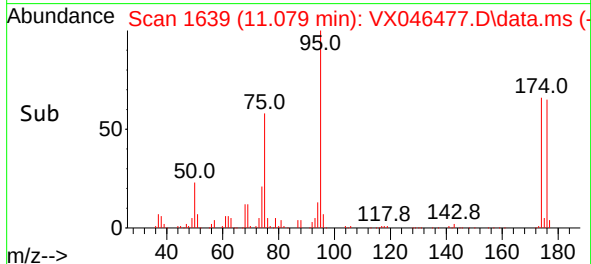
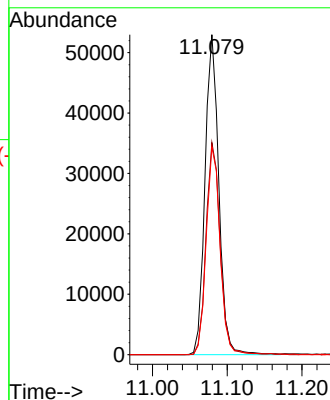
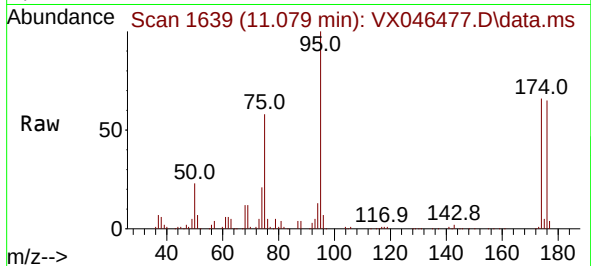




#62
4-Bromofluorobenzene
Concen: 52.133 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046477.D
Acq: 03 Jun 2025 16:53

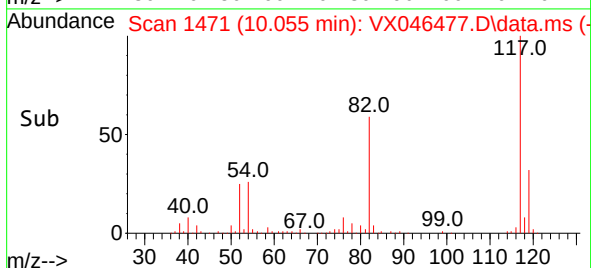
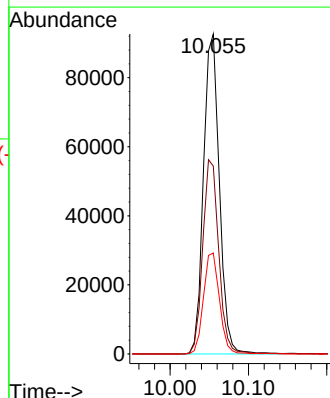
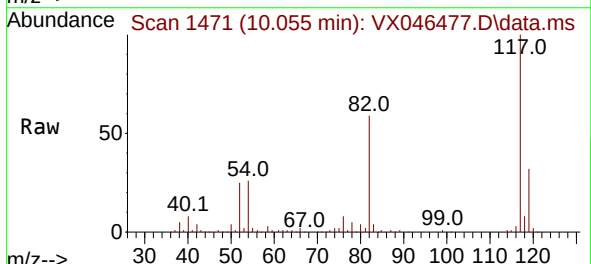
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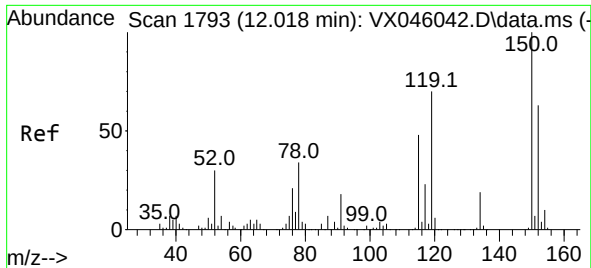
Tgt Ion: 95 Resp: 67985
Ion Ratio Lower Upper
95 100
174 67.9 0.0 135.8
176 65.2 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX046477.D
Acq: 03 Jun 2025 16:53

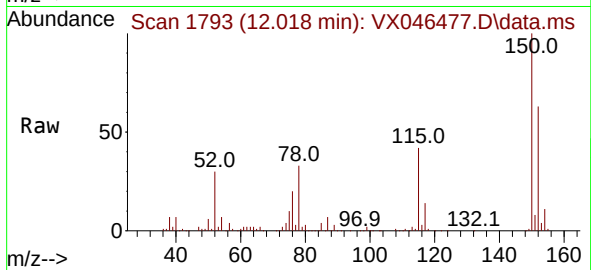
Tgt Ion: 117 Resp: 130321
Ion Ratio Lower Upper
117 100
82 58.7 50.6 76.0
119 31.5 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046477.D
 Acq: 03 Jun 2025 16:53

Instrument :
 MSVOA_X
 ClientSampleId :
 OR-400-CF-402B-COMP-25



Tgt Ion:152 Resp: 55820
 Ion Ratio Lower Upper
 152 100
 115 67.0 46.9 140.7
 150 158.6 0.0 351.0

