

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051525\
 Data File : VX046220.D
 Acq On : 15 May 2025 17:41
 Operator : JC/MD
 Sample : Q2032-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-1

Quant Time: May 16 01:09:05 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)

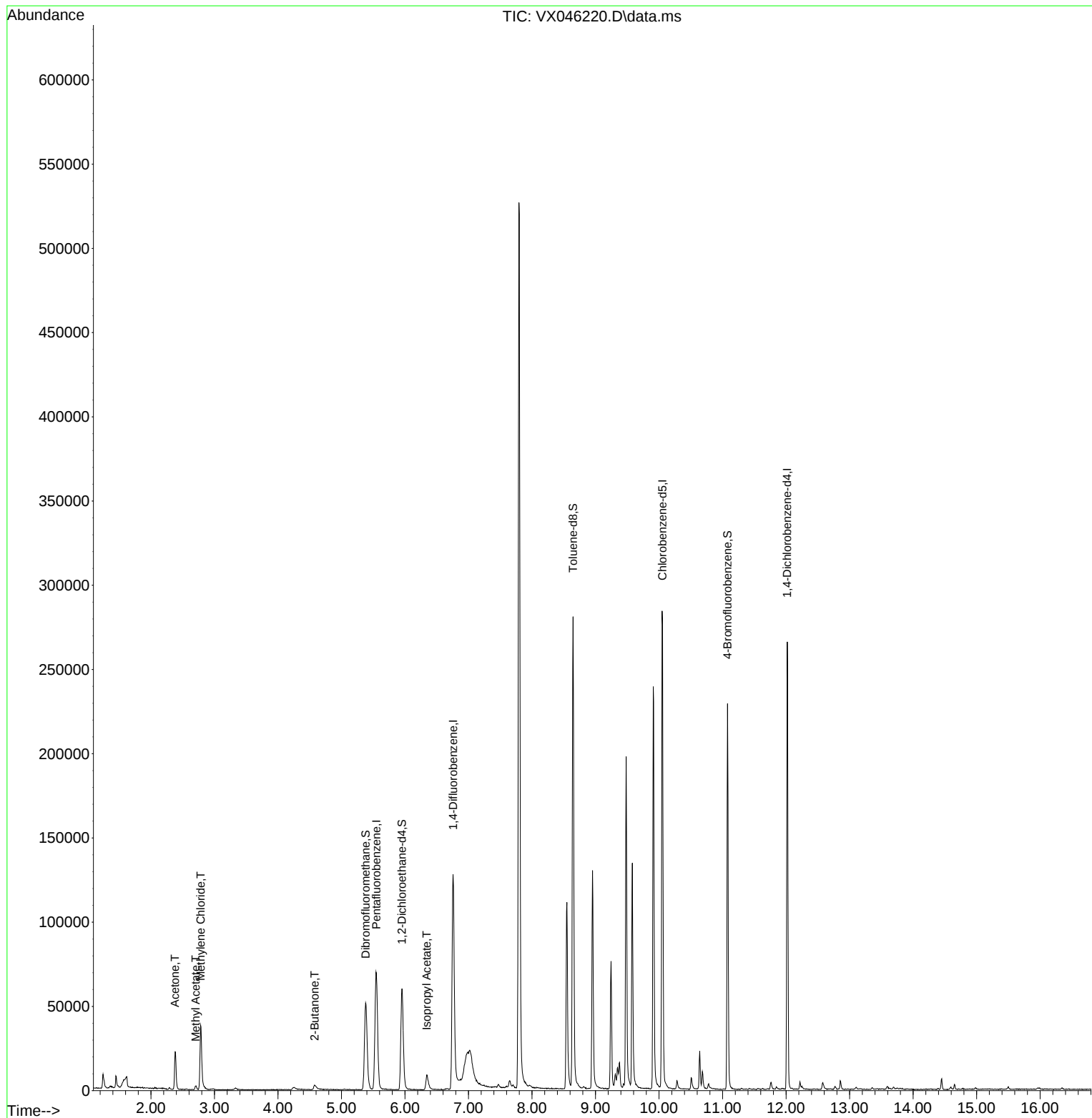
Internal Standards						
1) Pentafluorobenzene	5.550	168	60792	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	124950	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	117007	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	49771	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63320	55.869	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.740%
35) Dibromofluoromethane	5.379	113	45972	51.093	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.180%
50) Toluene-d8	8.647	98	158281	50.825	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.660%
62) 4-Bromofluorobenzene	11.079	95	58875	49.285	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.580%
Target Compounds						
					Qvalue	
16) Acetone	2.379	43	25113	55.263	ug/l	100
18) Methyl Acetate	2.703	43	2985	2.831	ug/l	95
20) Methylene Chloride	2.782	84	17853	20.501	ug/l	96
25) 2-Butanone	4.574	43	6323	9.584	ug/l	93
43) Isopropyl Acetate	6.342	43	13487	5.919	ug/l	95

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

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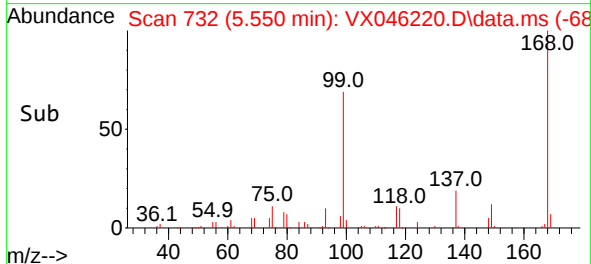
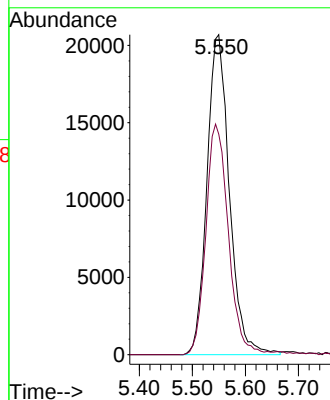
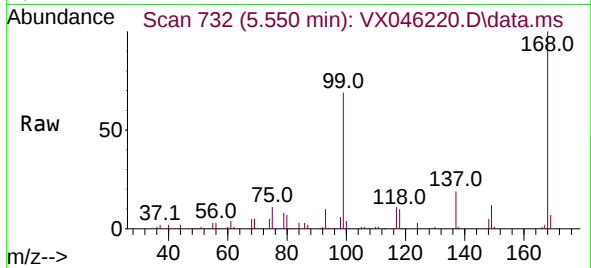




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046220.D
Acq: 15 May 2025 17:41

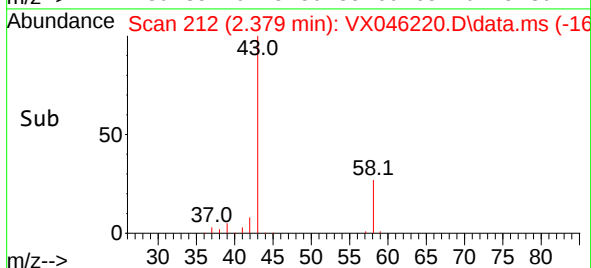
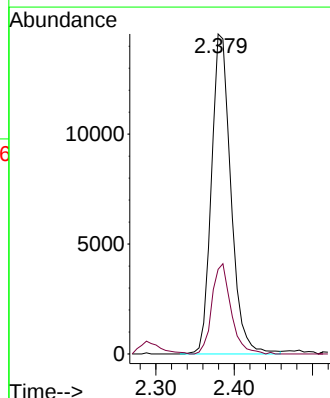
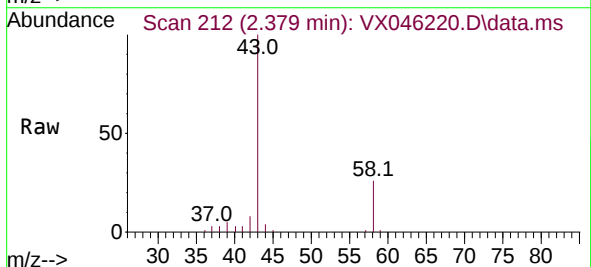
Instrument :
MSVOA_X
ClientSampleId :
COMP-1

Tgt Ion:168 Resp: 60792
Ion Ratio Lower Upper
168 100
99 68.9 54.9 82.3



#16
Acetone
Concen: 55.263 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046220.D
Acq: 15 May 2025 17:41

Tgt Ion: 43 Resp: 25113
Ion Ratio Lower Upper
43 100
58 26.5 21.2 31.8

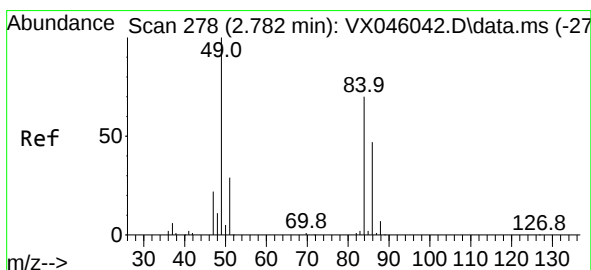
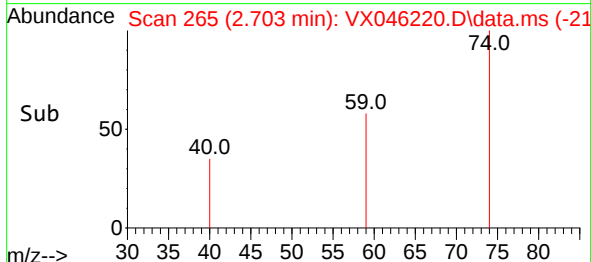
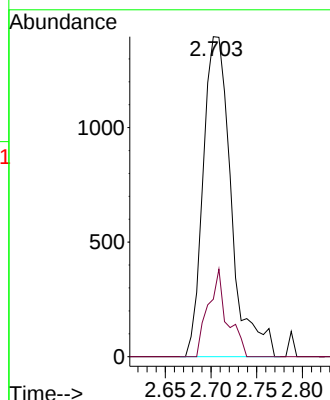
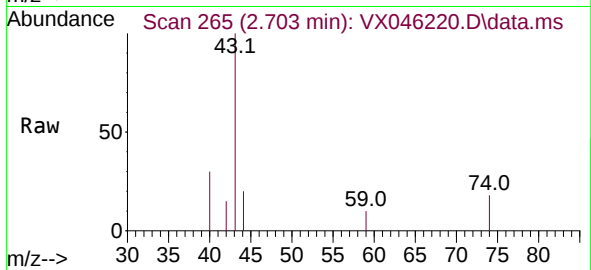




#18
Methyl Acetate
Concen: 2.831 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX046220.D
Acq: 15 May 2025 17:41

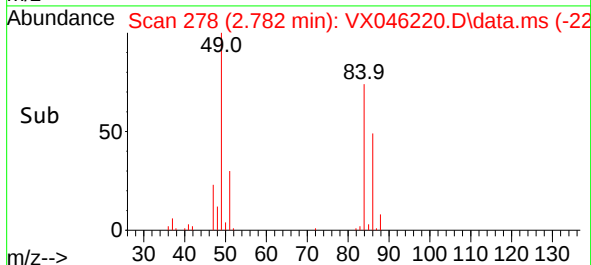
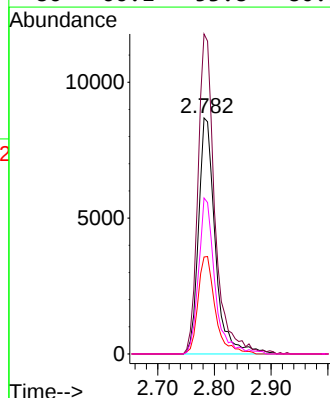
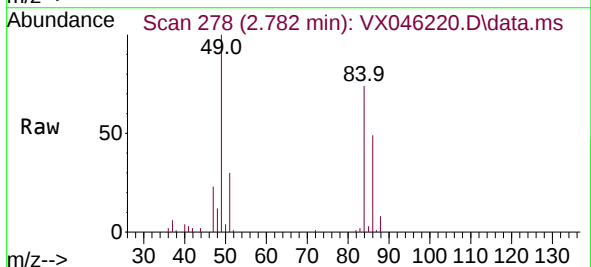
Instrument :
MSVOA_X
ClientSampleId :
COMP-1

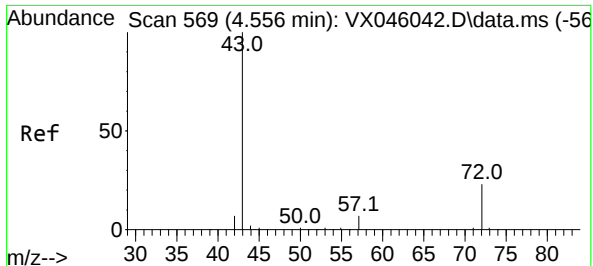
Tgt Ion: 43 Resp: 2985
Ion Ratio Lower Upper
43 100
74 18.5 16.7 25.1



#20
Methylene Chloride
Concen: 20.501 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX046220.D
Acq: 15 May 2025 17:41

Tgt Ion: 84 Resp: 17853
Ion Ratio Lower Upper
84 100
49 135.6 113.9 170.9
51 41.1 33.5 50.3
86 66.1 53.8 80.8





#25

2-Butanone

Concen: 9.584 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX046220.D

Acq: 15 May 2025 17:41

Instrument :

MSVOA_X

ClientSampleId :

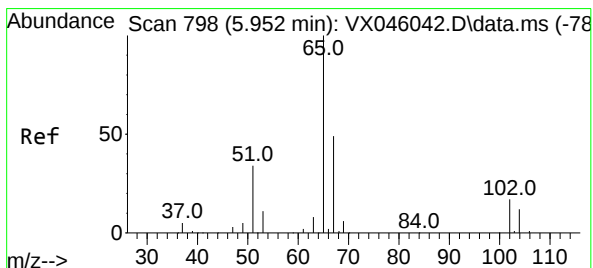
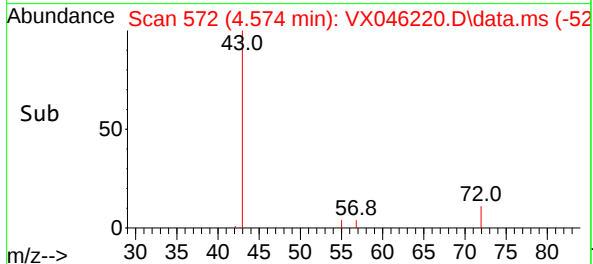
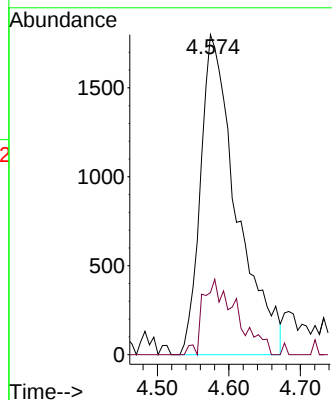
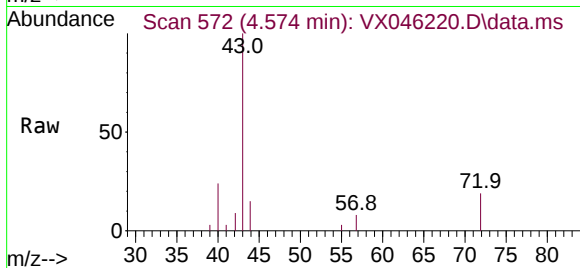
COMP-1

Tgt Ion: 43 Resp: 6323

Ion Ratio Lower Upper

43 100

72 19.4 18.4 27.6



#33

1,2-Dichloroethane-d4

Concen: 55.869 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX046220.D

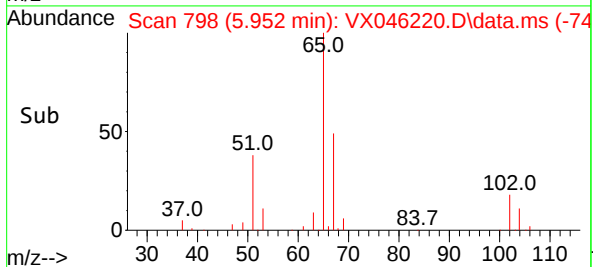
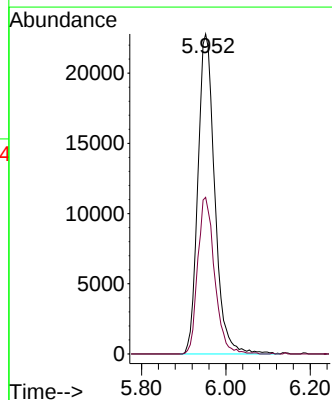
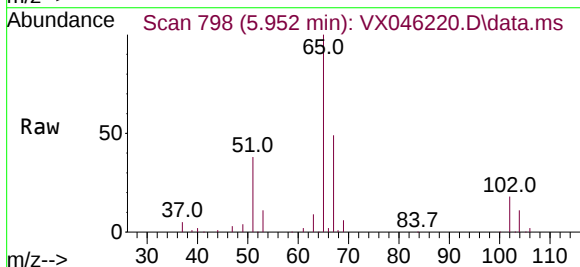
Acq: 15 May 2025 17:41

Tgt Ion: 65 Resp: 63320

Ion Ratio Lower Upper

65 100

67 49.0 0.0 99.0

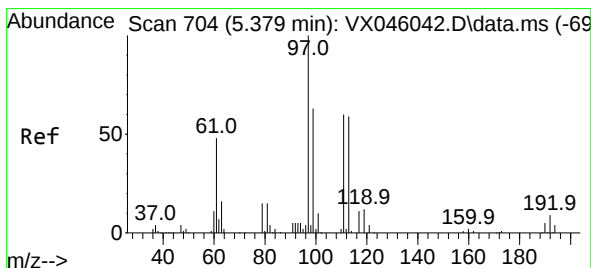
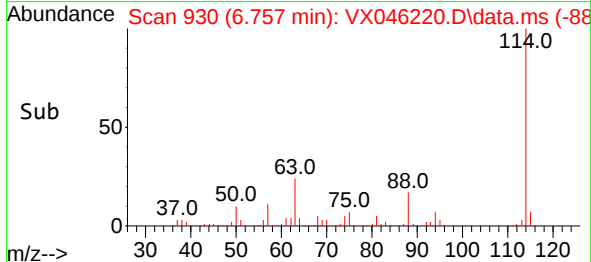
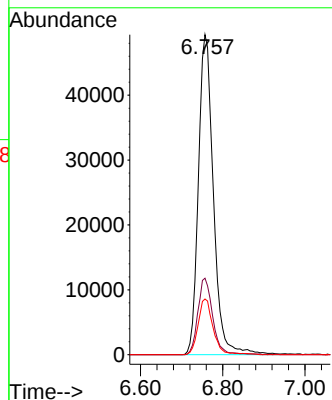
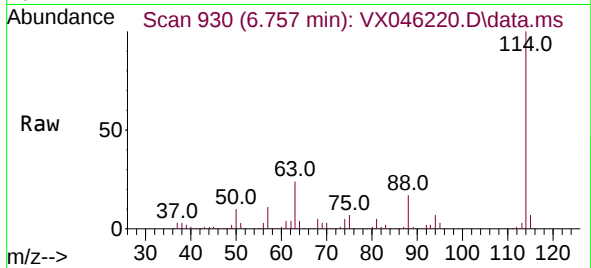




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX046220.D
Acq: 15 May 2025 17:41

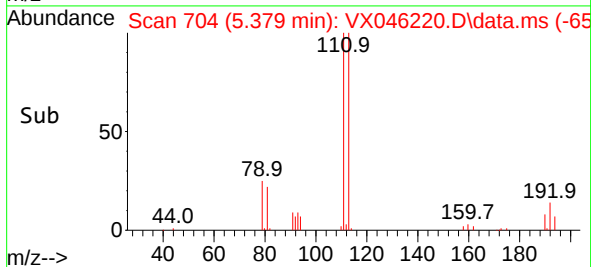
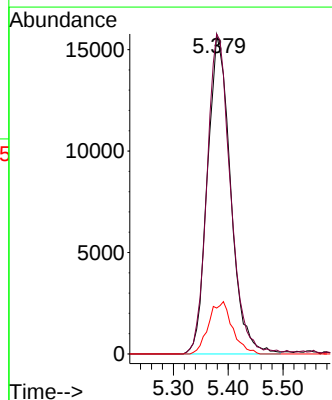
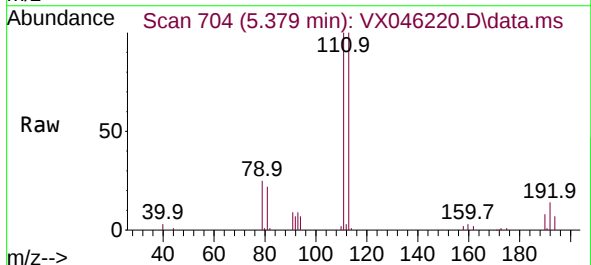
Instrument :
MSVOA_X
ClientSampleId :
COMP-1

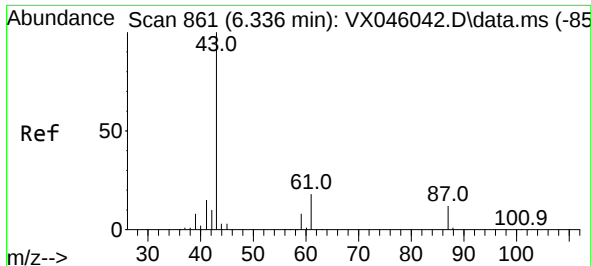
Tgt Ion:114 Resp: 124950
Ion Ratio Lower Upper
114 100
63 23.9 0.0 49.2
88 17.4 0.0 33.6



#35
Dibromofluoromethane
Concen: 51.093 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046220.D
Acq: 15 May 2025 17:41

Tgt Ion:113 Resp: 45972
Ion Ratio Lower Upper
113 100
111 101.9 83.1 124.7
192 16.8 13.3 19.9

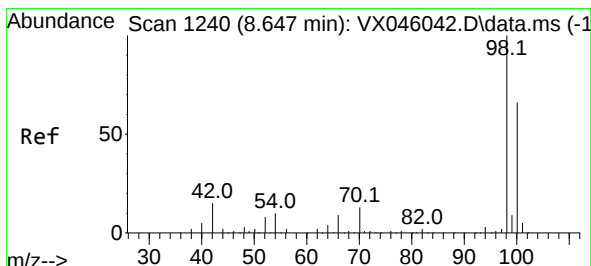
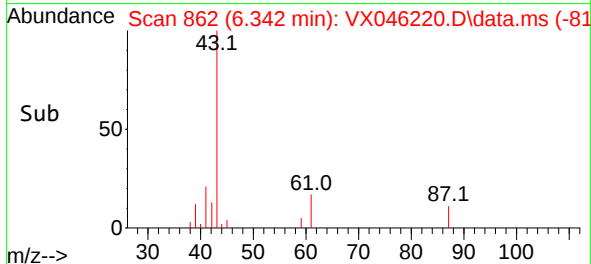
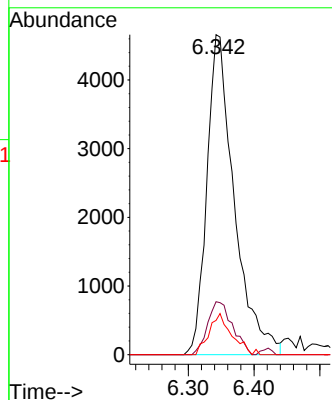
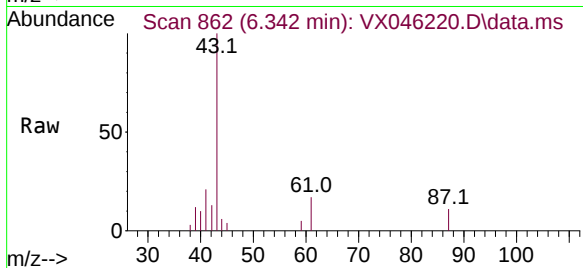




#43
Isopropyl Acetate
Concen: 5.919 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX046220.D
Acq: 15 May 2025 17:41

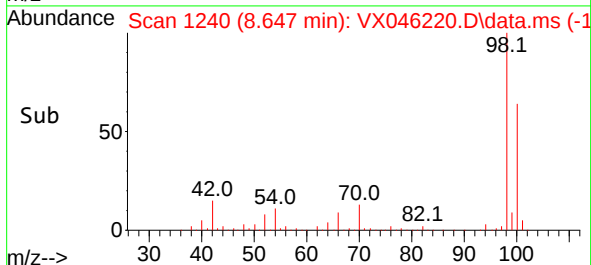
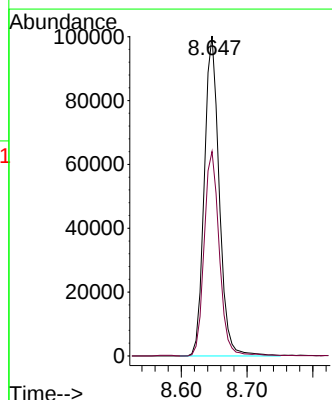
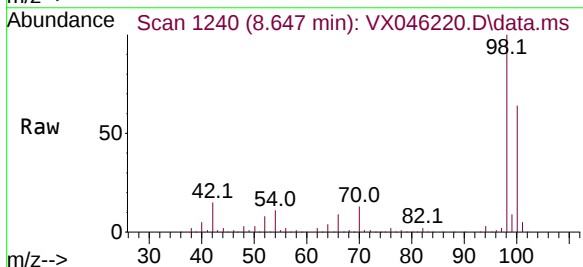
Instrument :
MSVOA_X
ClientSampleId :
COMP-1

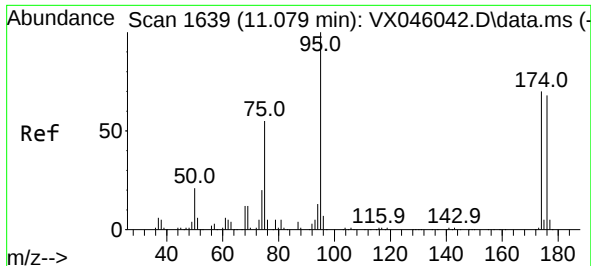
Tgt Ion: 43 Resp: 13487
Ion Ratio Lower Upper
43 100
61 15.0 14.3 21.5
87 10.4 9.5 14.3



#50
Toluene-d8
Concen: 50.825 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046220.D
Acq: 15 May 2025 17:41

Tgt Ion: 98 Resp: 158281
Ion Ratio Lower Upper
98 100
100 64.8 53.5 80.3

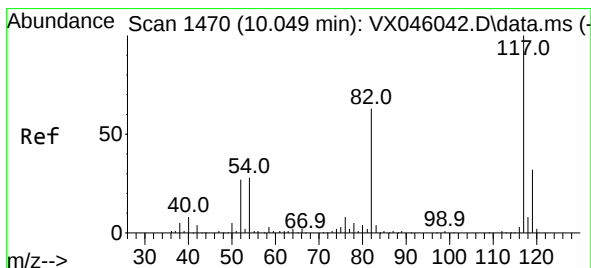
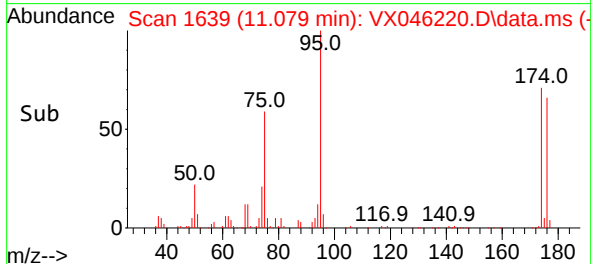
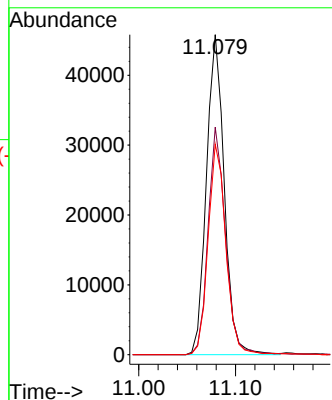
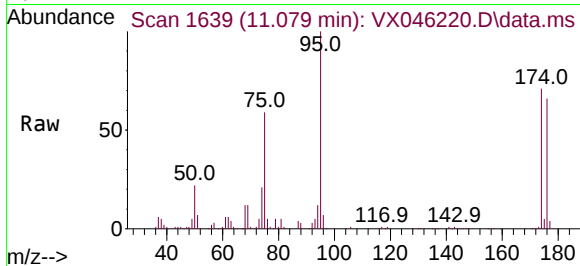




#62
4-Bromofluorobenzene
Concen: 49.285 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046220.D
Acq: 15 May 2025 17:41

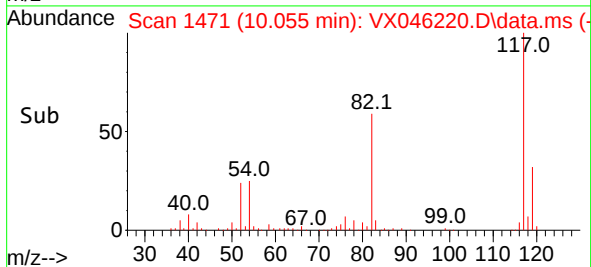
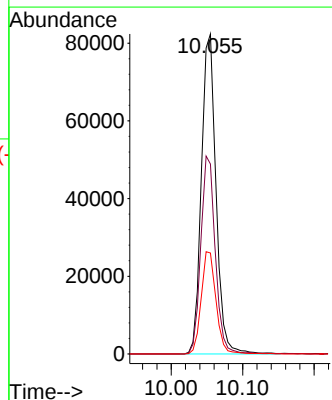
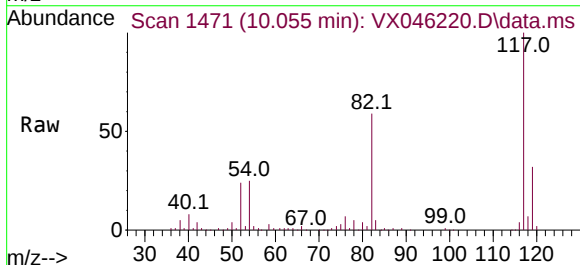
Instrument :
MSVOA_X
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COMP-1

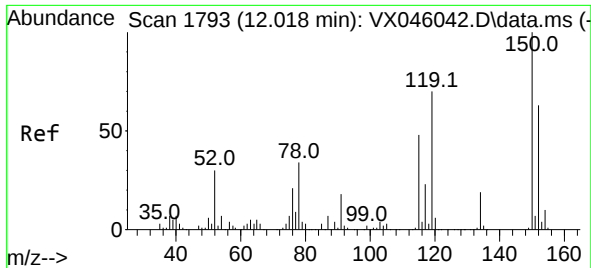
Tgt Ion: 95 Resp: 58875
Ion Ratio Lower Upper
95 100
174 69.7 0.0 135.8
176 65.9 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX046220.D
Acq: 15 May 2025 17:41

Tgt Ion: 117 Resp: 117007
Ion Ratio Lower Upper
117 100
82 59.4 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: VX046220.D

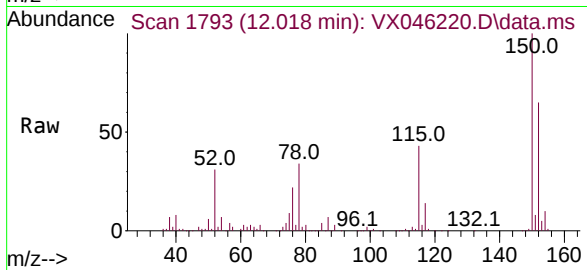
Acq: 15 May 2025 17:41

Instrument :

MSVOA_X

ClientSampleId :

COMP-1



Tgt Ion:152 Resp: 49771

Ion Ratio Lower Upper

152 100

115 65.0 46.9 140.7

150 157.1 0.0 351.0

