

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020325\
 Data File : VX044825.D
 Acq On : 03 Feb 2025 19:14
 Operator : JC/MD
 Sample : Q1239-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 357

Quant Time: Feb 04 02:13:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 16 01:16:09 2025
 Response via : Initial Calibration

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

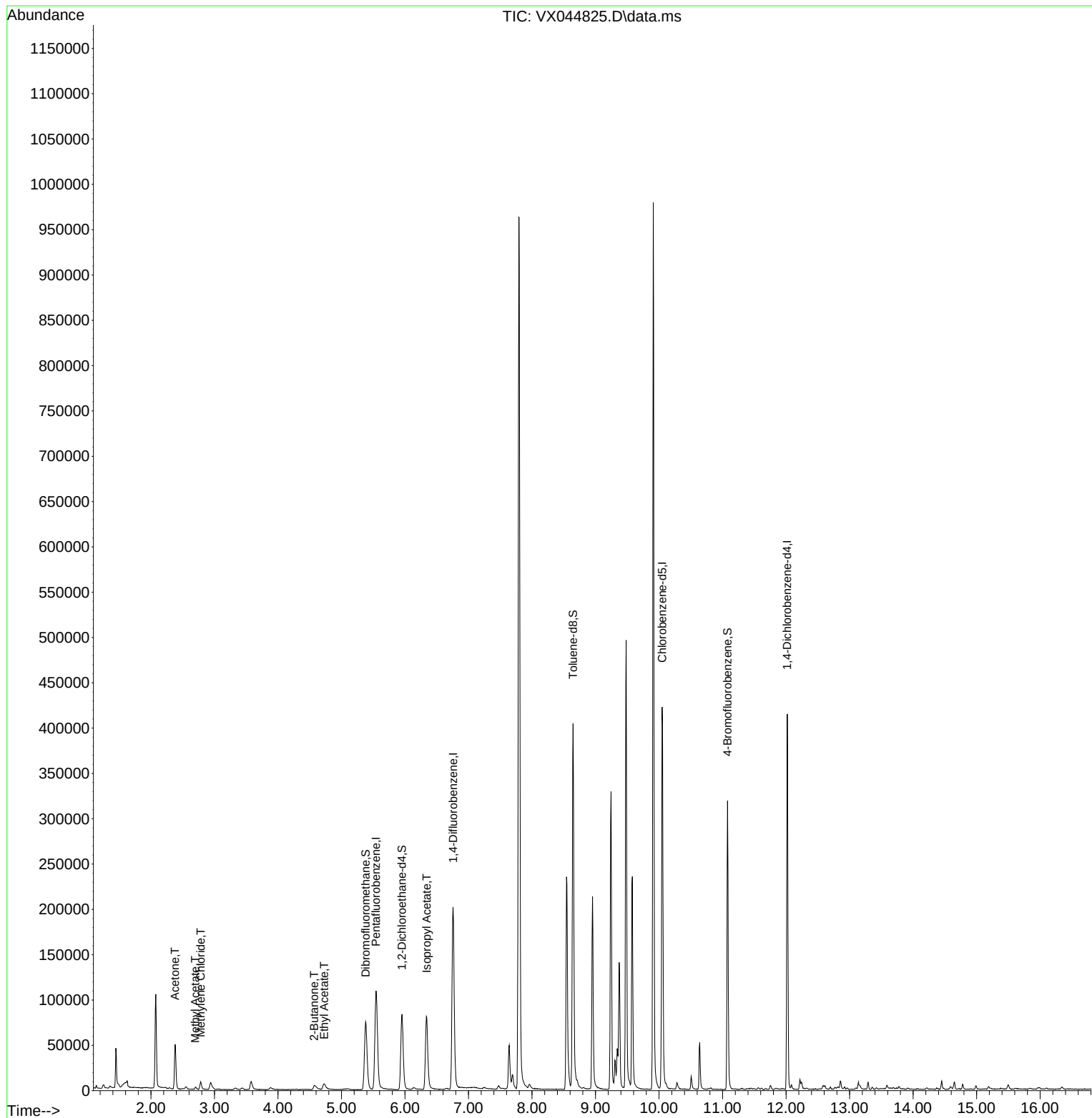
Internal Standards						
1) Pentafluorobenzene	5.544	168	106122	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	214275	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	191126	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	83336	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	77717	48.518	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.040%
35) Dibromofluoromethane	5.379	113	66134	48.583	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.160%
50) Toluene-d8	8.647	98	256981	54.142	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	108.280%
62) 4-Bromofluorobenzene	11.079	95	87896	49.675	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.360%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	51360	81.041	ug/l	97
18) Methyl Acetate	2.697	43	3212	1.643	ug/l #	89
20) Methylene Chloride	2.782	84	3946	2.674	ug/l #	89
25) 2-Butanone	4.568	43	8808	9.348	ug/l	94
37) Ethyl Acetate	4.727	43	13922	6.899	ug/l	96
43) Isopropyl Acetate	6.342	43	117980	31.782	ug/l	98

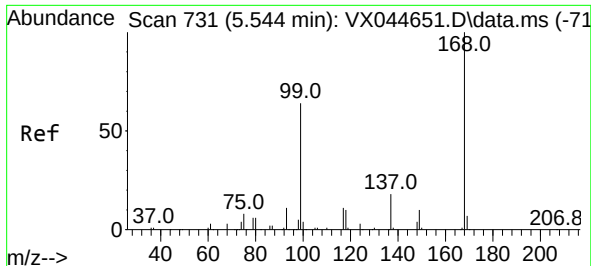
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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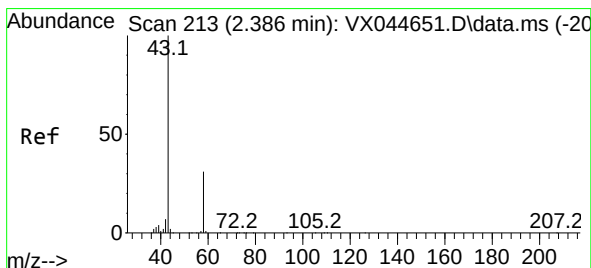
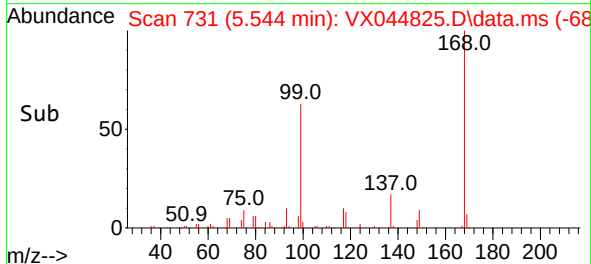
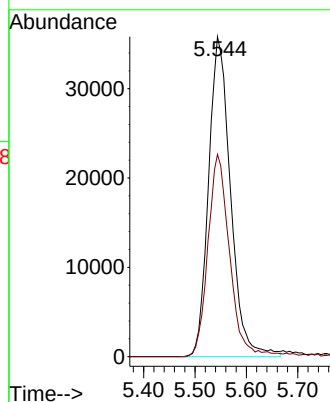
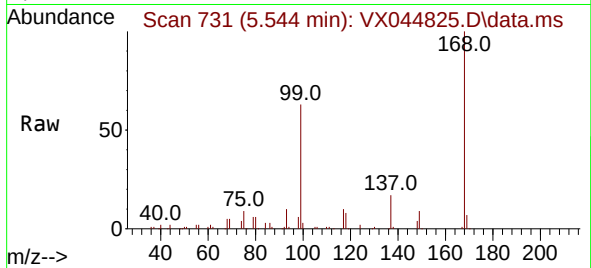




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX044825.D
Acq: 03 Feb 2025 19:14

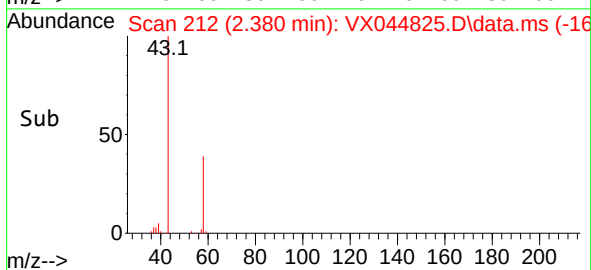
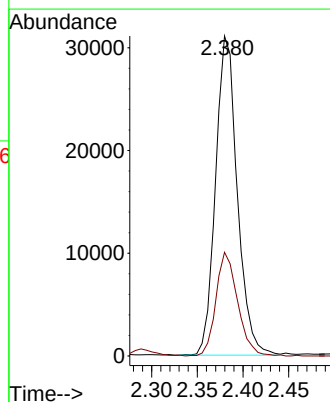
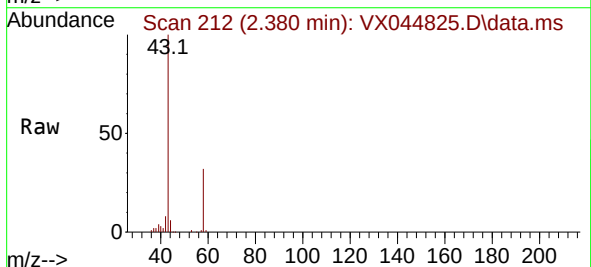
Instrument :
MSVOA_X
ClientSampleId :
357

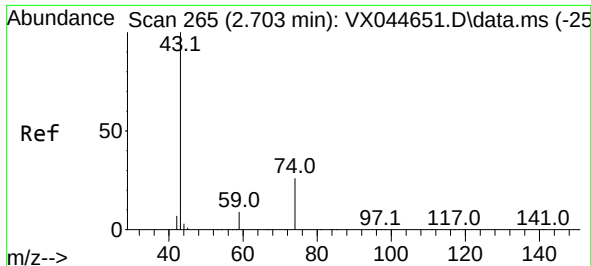
Tgt Ion:168 Resp: 106122
Ion Ratio Lower Upper
168 100
99 63.2 51.1 76.7



#16
Acetone
Concen: 81.041 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX044825.D
Acq: 03 Feb 2025 19:14

Tgt Ion: 43 Resp: 51360
Ion Ratio Lower Upper
43 100
58 32.2 24.6 37.0





#18

Methyl Acetate

Concen: 1.643 ug/l

RT: 2.697 min Scan# 264

Delta R.T. -0.006 min

Lab File: VX044825.D

Acq: 03 Feb 2025 19:14

Instrument :

MSVOA_X

ClientSampleId :

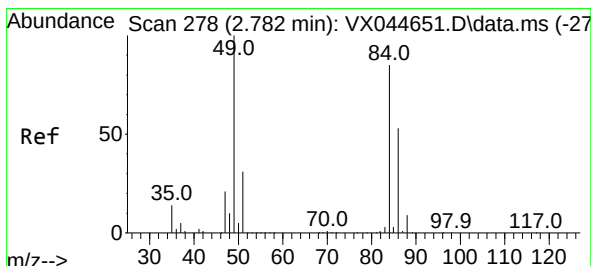
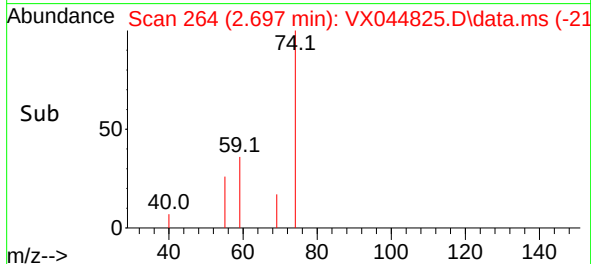
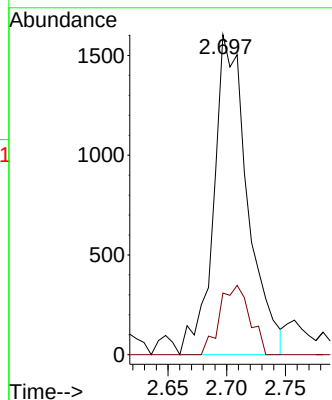
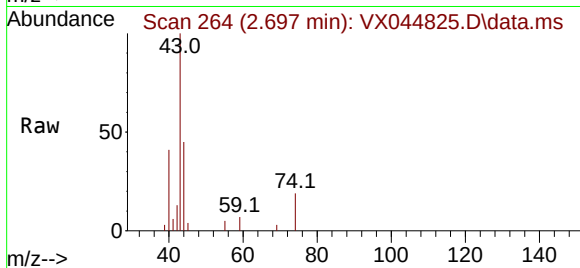
357

Tgt Ion: 43 Resp: 3212

Ion Ratio Lower Upper

43 100

74 19.3 19.8 29.8#



#20

Methylene Chloride

Concen: 2.674 ug/l

RT: 2.782 min Scan# 278

Delta R.T. 0.000 min

Lab File: VX044825.D

Acq: 03 Feb 2025 19:14

Tgt Ion: 84 Resp: 3946

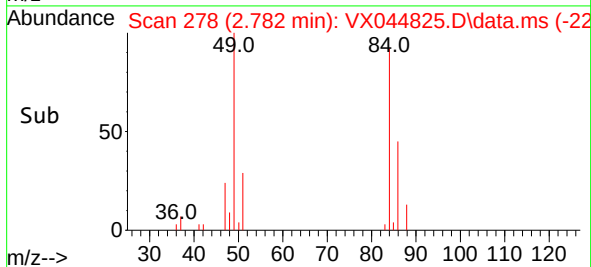
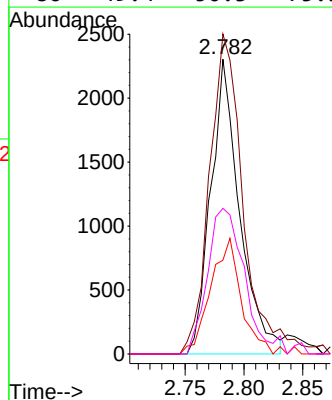
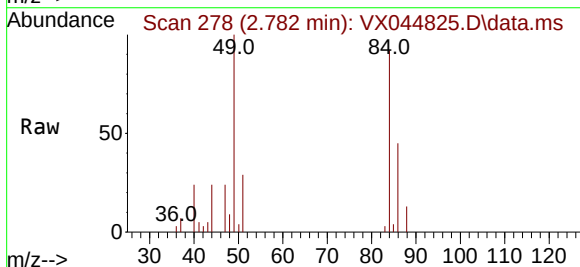
Ion Ratio Lower Upper

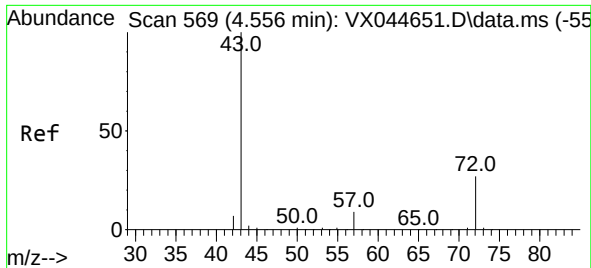
84 100

49 108.5 94.2 141.4

51 31.8 28.8 43.2

86 49.4 50.3 75.5#

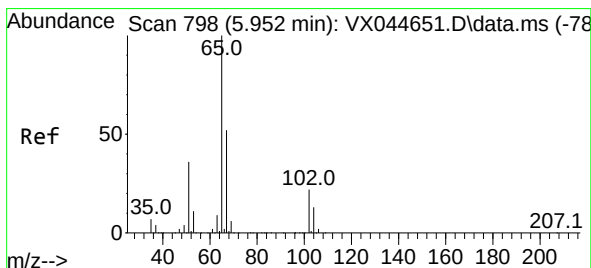
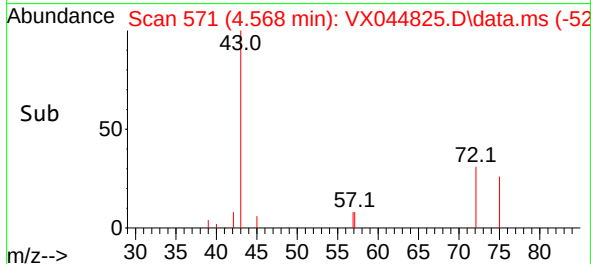
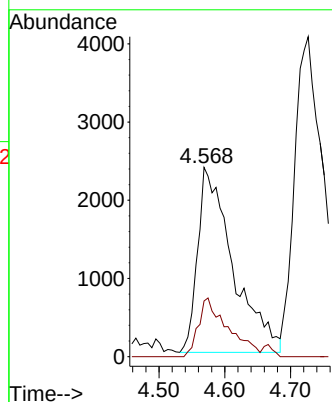
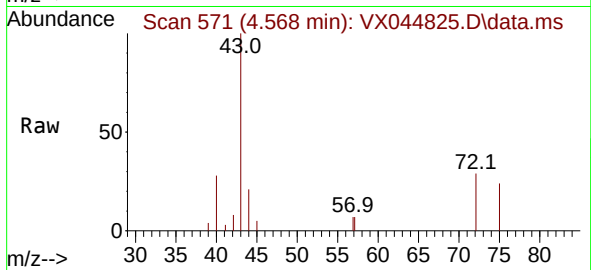




#25
2-Butanone
Concen: 9.348 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX044825.D
Acq: 03 Feb 2025 19:14

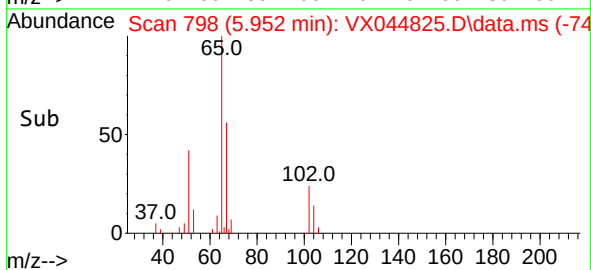
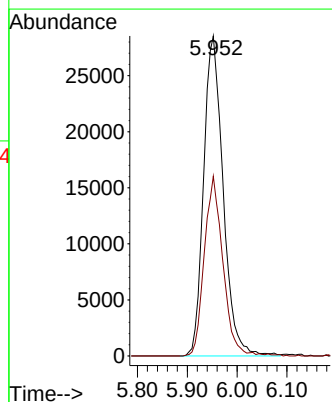
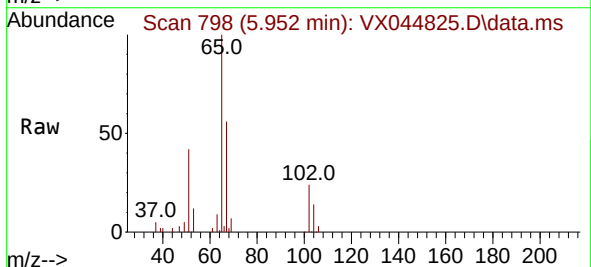
Instrument :
MSVOA_X
ClientSampleId :
357

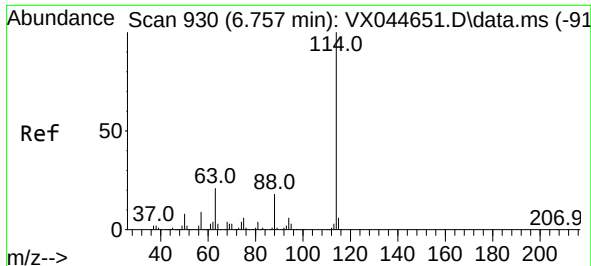
Tgt Ion: 43 Resp: 8808
Ion Ratio Lower Upper
43 100
72 30.1 21.7 32.5



#33
1,2-Dichloroethane-d4
Concen: 48.518 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX044825.D
Acq: 03 Feb 2025 19:14

Tgt Ion: 65 Resp: 77717
Ion Ratio Lower Upper
65 100
67 53.4 0.0 103.4

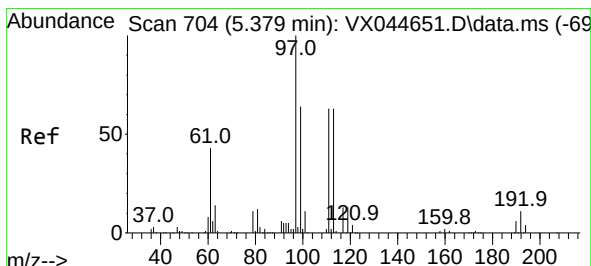
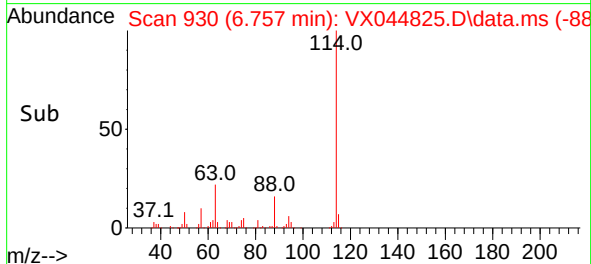
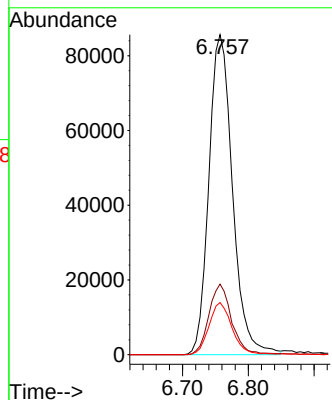
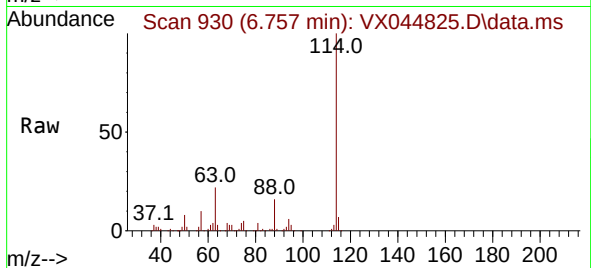




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX044825.D
Acq: 03 Feb 2025 19:14

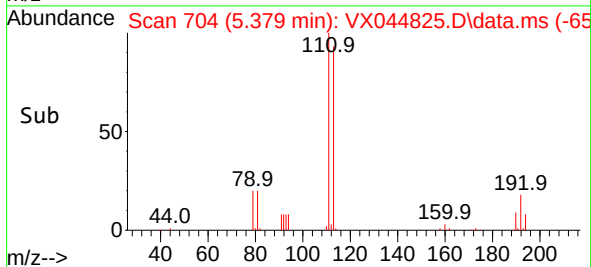
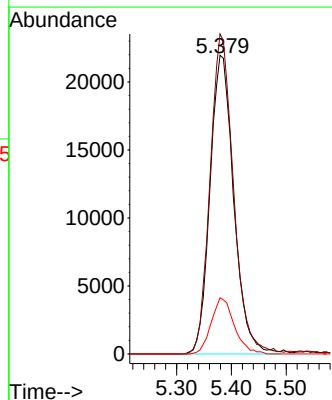
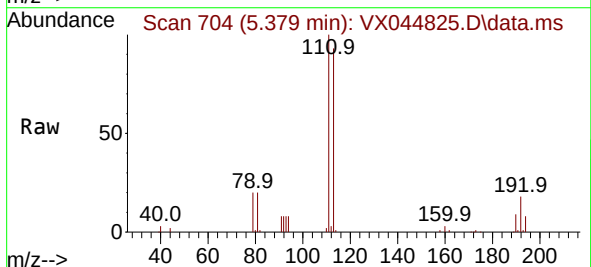
Instrument :
MSVOA_X
ClientSampleId :
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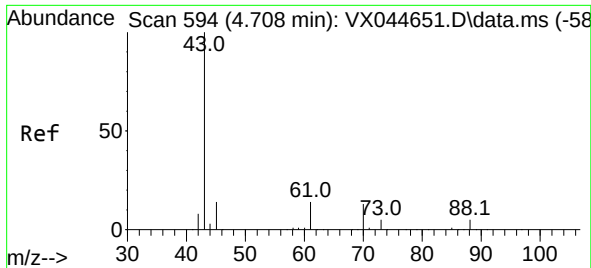
Tgt Ion:114 Resp: 214275
Ion Ratio Lower Upper
114 100
63 22.0 0.0 43.0
88 16.3 0.0 35.4



#35
Dibromofluoromethane
Concen: 48.583 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044825.D
Acq: 03 Feb 2025 19:14

Tgt Ion:113 Resp: 66134
Ion Ratio Lower Upper
113 100
111 105.4 81.6 122.4
192 18.2 14.4 21.6

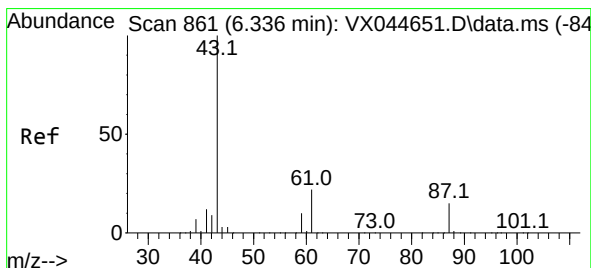
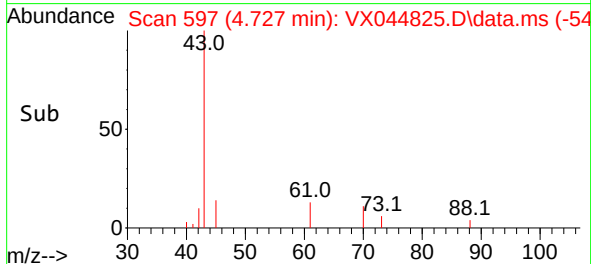
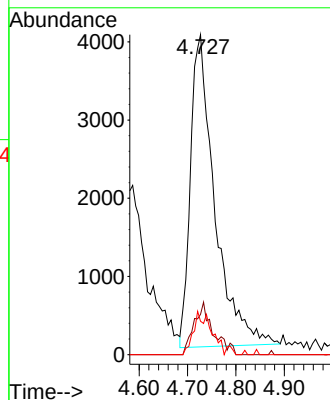
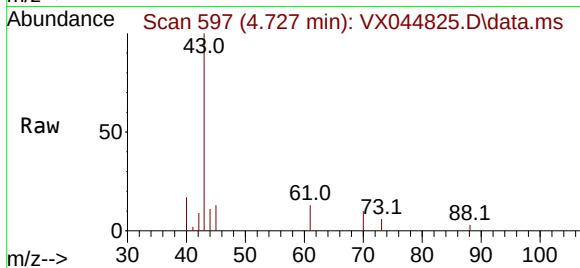




#37
Ethyl Acetate
Concen: 6.899 ug/l
RT: 4.727 min Scan# 597
Delta R.T. 0.018 min
Lab File: VX044825.D
Acq: 03 Feb 2025 19:14

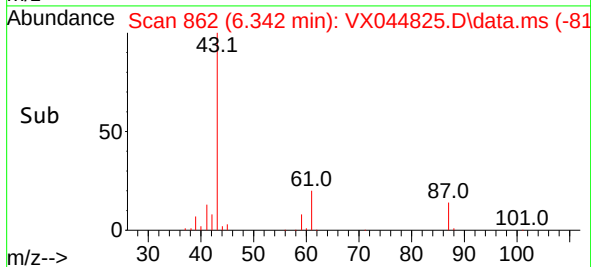
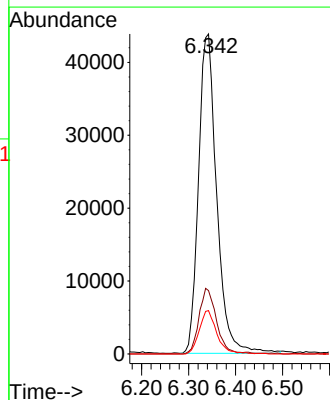
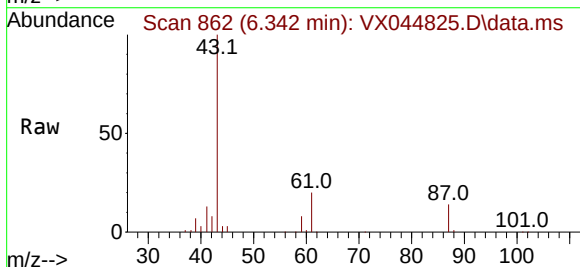
Instrument :
MSVOA_X
ClientSampleId :
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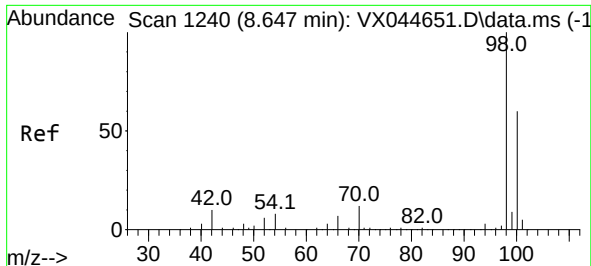
Tgt Ion: 43	Resp: 13922
Ion Ratio	Lower Upper
43 100	
61 13.2	10.9 16.3
70 10.1	10.1 15.1



#43
Isopropyl Acetate
Concen: 31.782 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX044825.D
Acq: 03 Feb 2025 19:14

Tgt Ion: 43	Resp: 117980
Ion Ratio	Lower Upper
43 100	
61 19.5	16.6 24.8
87 13.0	11.0 16.6

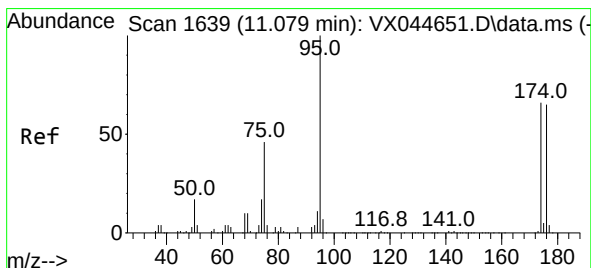
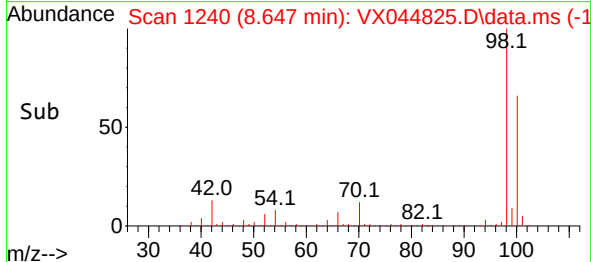
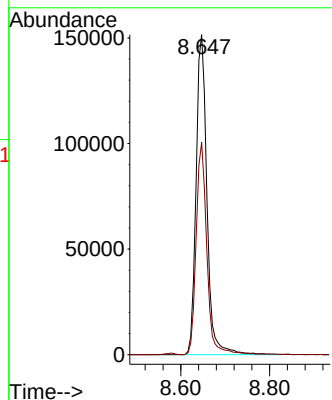
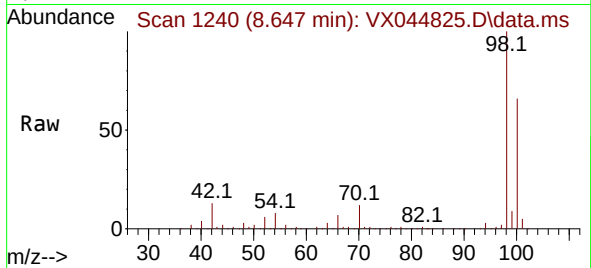




#50
Toluene-d8
Concen: 54.142 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044825.D
Acq: 03 Feb 2025 19:14

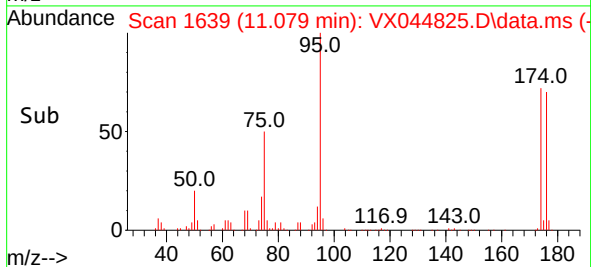
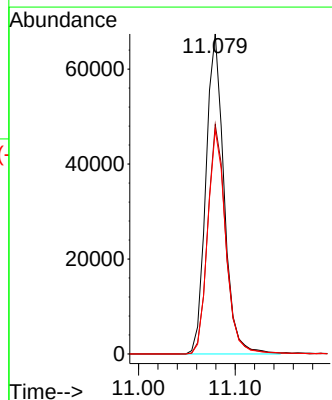
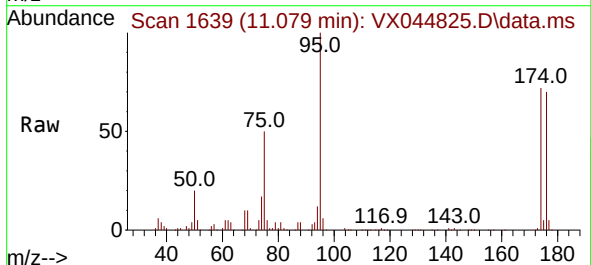
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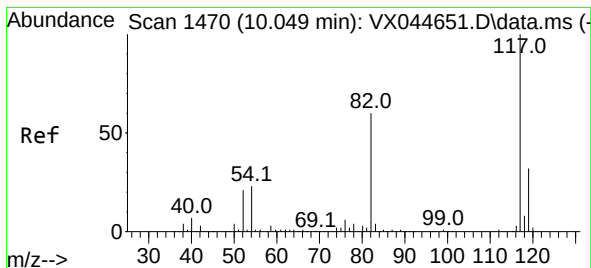
Tgt Ion: 98 Resp: 256981
Ion Ratio Lower Upper
98 100
100 65.1 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 49.675 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044825.D
Acq: 03 Feb 2025 19:14

Tgt Ion: 95 Resp: 87896
Ion Ratio Lower Upper
95 100
174 71.5 0.0 133.0
176 70.4 0.0 129.4

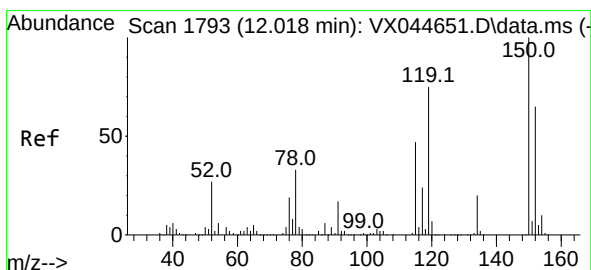
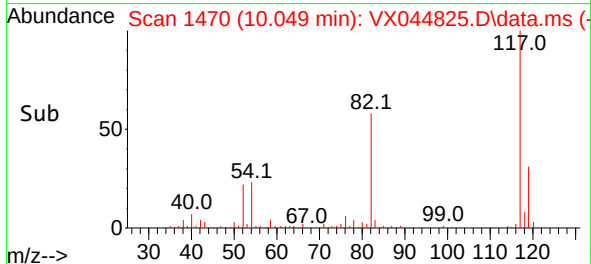
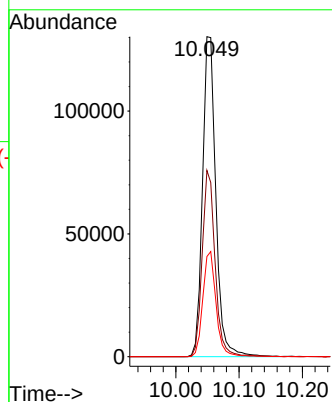
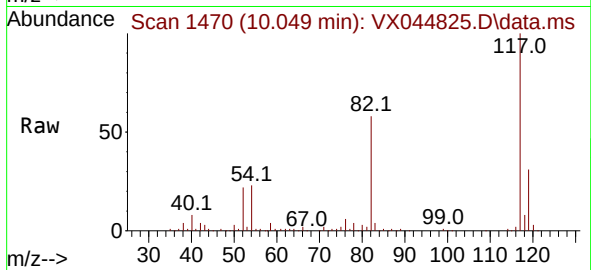




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044825.D
Acq: 03 Feb 2025 19:14

Instrument :
MSVOA_X
ClientSampleId :
357

Tgt Ion:117 Resp: 191126
Ion Ratio Lower Upper
117 100
82 58.2 47.6 71.4
119 31.3 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX044825.D
Acq: 03 Feb 2025 19:14

Tgt Ion:152 Resp: 83336
Ion Ratio Lower Upper
152 100
115 61.5 43.8 131.4
150 154.4 0.0 347.8

