

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080322\
 Data File : VX030367.D
 Acq On : 03 Aug 2022 13:50
 Operator : JC/MD
 Sample : N3976-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP2-0729

Quant Time: Aug 03 15:54:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

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

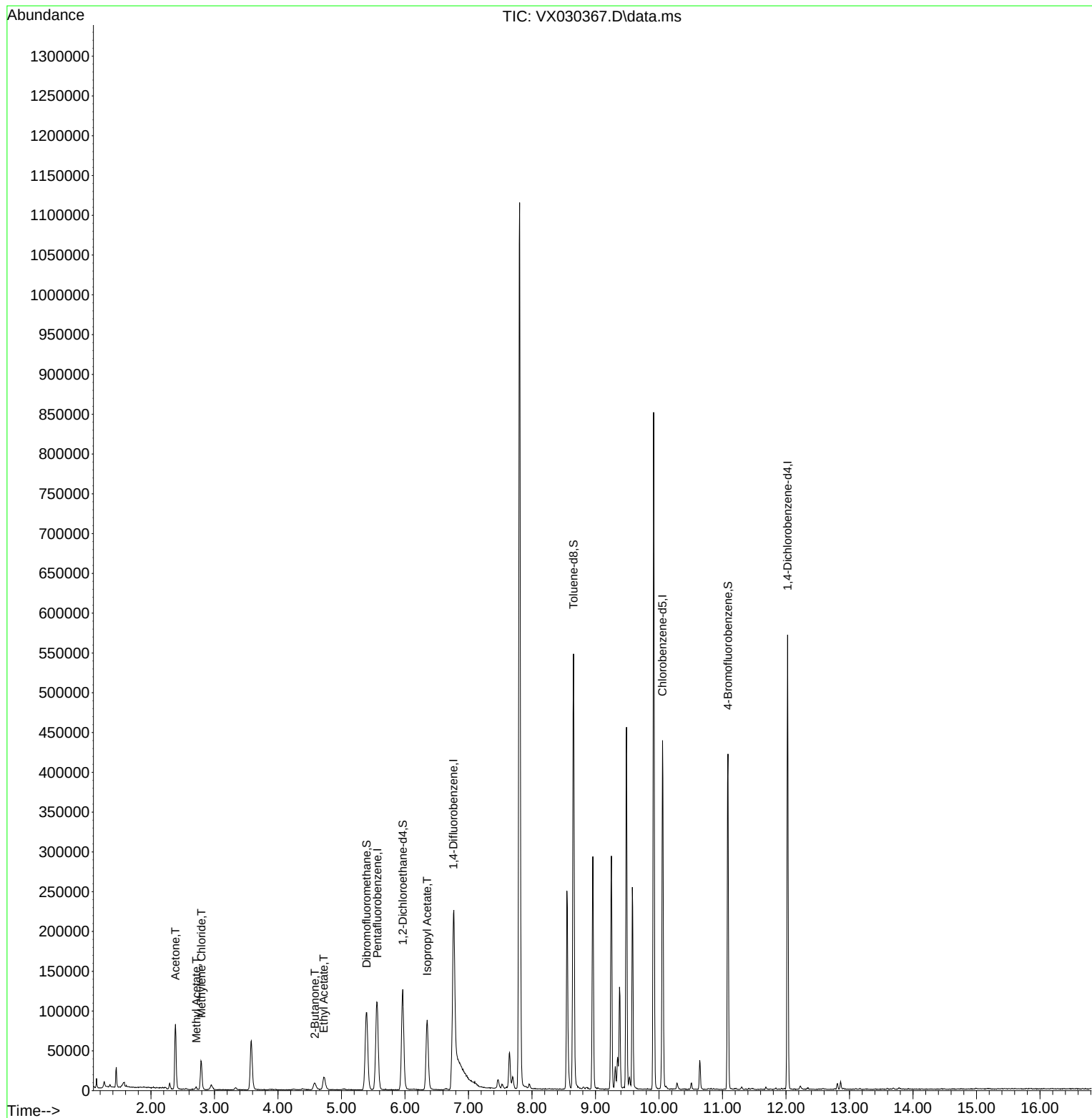
Internal Standards						
1) Pentafluorobenzene	5.562	168	100771	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	185441	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	182352	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	105554	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	118070	58.294	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	116.580%
35) Dibromofluoromethane	5.397	113	86830	48.981	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.960%
50) Toluene-d8	8.653	98	316277	46.070	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.140%
62) 4-Bromofluorobenzene	11.085	95	113036	44.366	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.740%
Target Compounds						
						Qvalue
16) Acetone	2.386	43	87247	84.137	ug/l	93
18) Methyl Acetate	2.715	43	4261	1.389	ug/l	97
20) Methylene Chloride	2.794	84	16159	6.906	ug/l	93
25) 2-Butanone	4.581	43	12680	7.277	ug/l	95
37) Ethyl Acetate	4.721	43	28061	7.767	ug/l	98
43) Isopropyl Acetate	6.348	43	120288	22.713	ug/l	95

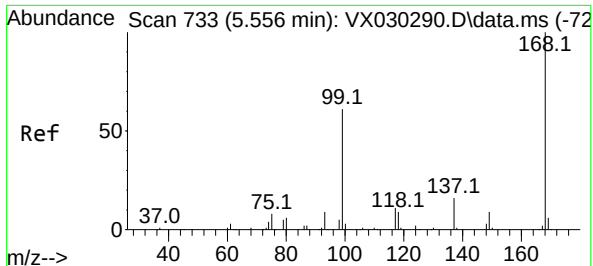
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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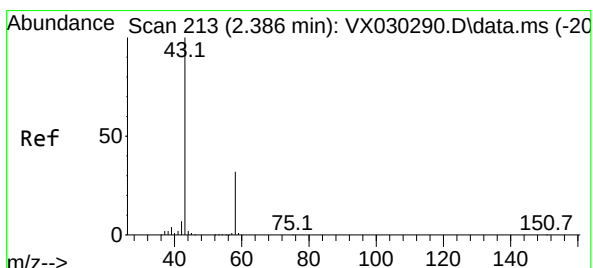
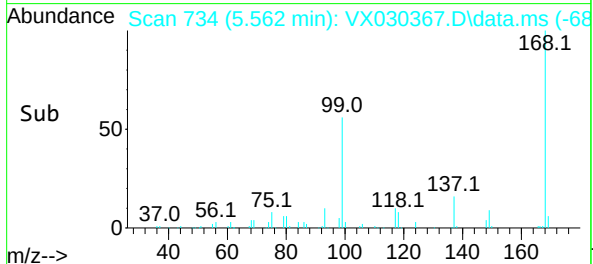
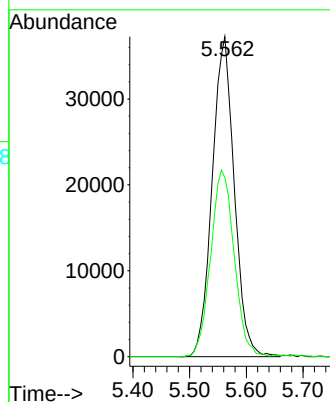
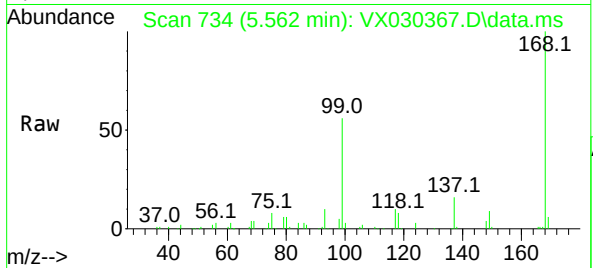




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX030367.D
Acq: 03 Aug 2022 13:50

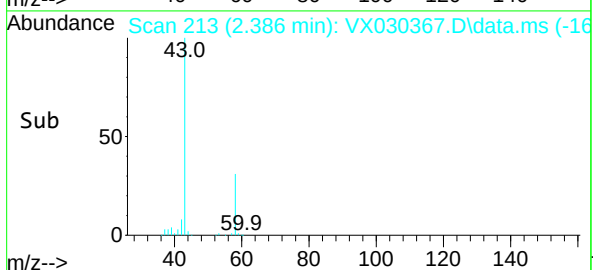
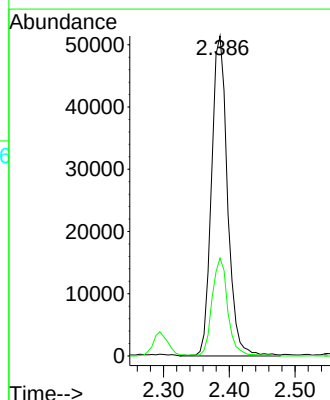
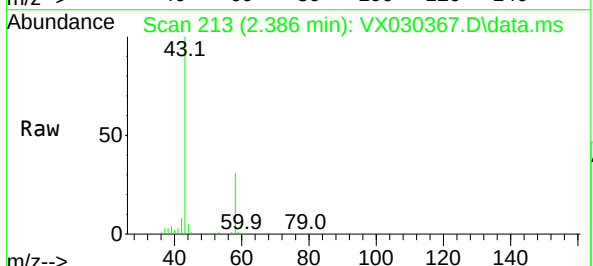
Instrument :
MSVOA_X
ClientSampleId :
TP2-0729

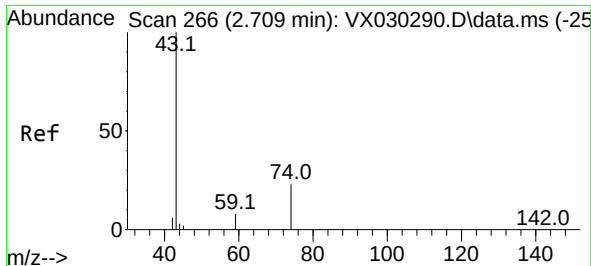
Tgt Ion:168 Resp: 100771
Ion Ratio Lower Upper
168 100
99 56.0 44.0 66.0



#16
Acetone
Concen: 84.137 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.001 min
Lab File: VX030367.D
Acq: 03 Aug 2022 13:50

Tgt Ion: 43 Resp: 87247
Ion Ratio Lower Upper
43 100
58 30.6 27.7 41.5

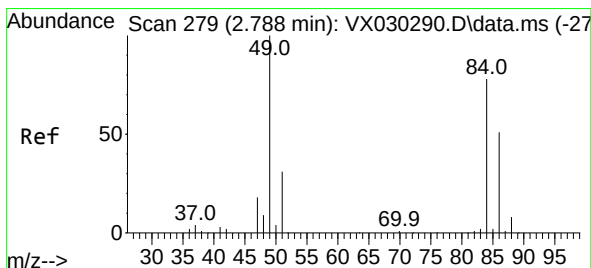
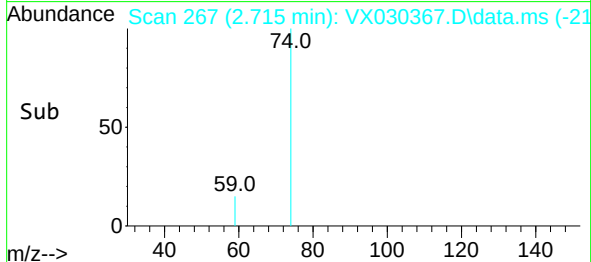
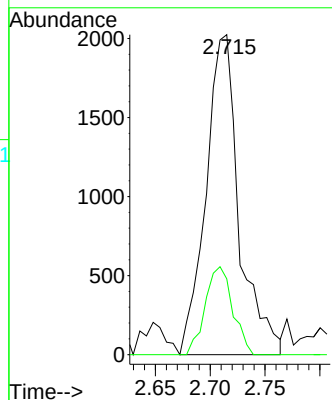
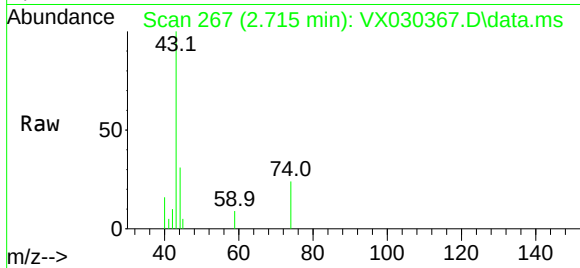




#18
Methyl Acetate
Concen: 1.389 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.007 min
Lab File: VX030367.D
Acq: 03 Aug 2022 13:50

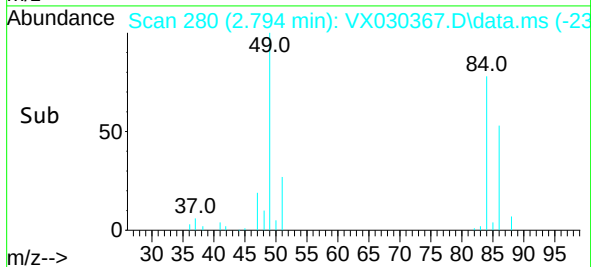
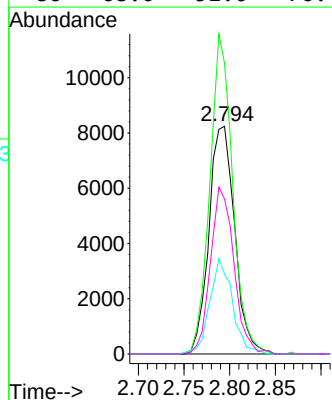
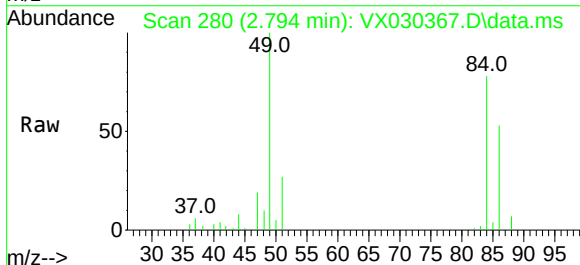
Instrument :
MSVOA_X
ClientSampleId :
TP2-0729

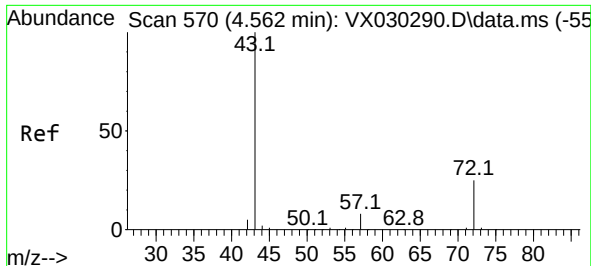
Tgt Ion: 43 Resp: 4261
Ion Ratio Lower Upper
43 100
74 22.8 19.4 29.2



#20
Methylene Chloride
Concen: 6.906 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX030367.D
Acq: 03 Aug 2022 13:50

Tgt Ion: 84 Resp: 16159
Ion Ratio Lower Upper
84 100
49 127.6 93.8 140.6
51 35.0 29.4 44.0
86 68.0 51.0 76.4

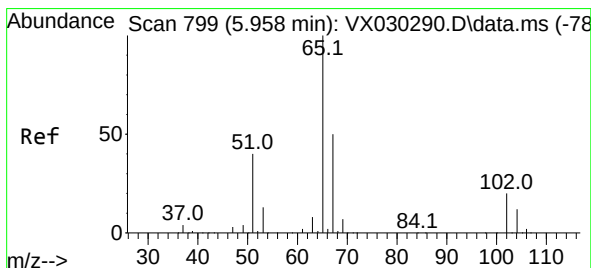
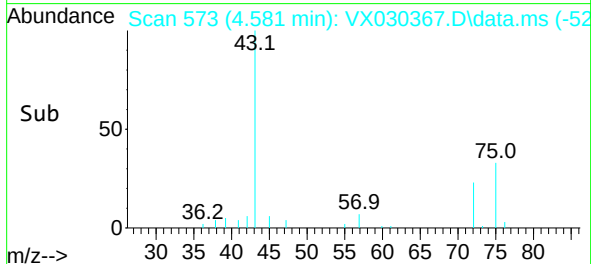
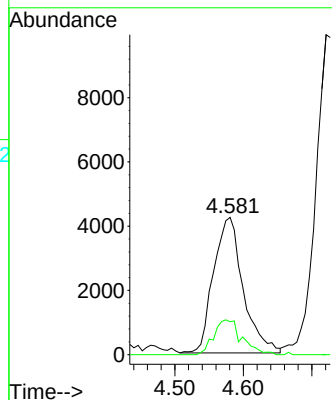
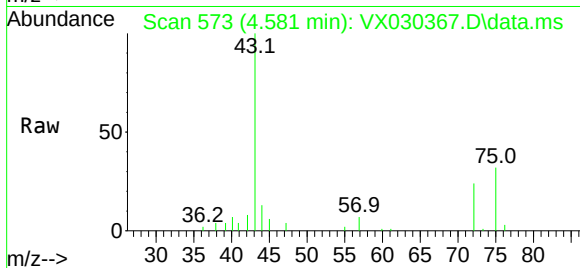




#25
2-Butanone
Concen: 7.277 ug/l
RT: 4.581 min Scan# 51
Delta R.T. 0.013 min
Lab File: VX030367.D
Acq: 03 Aug 2022 13:50

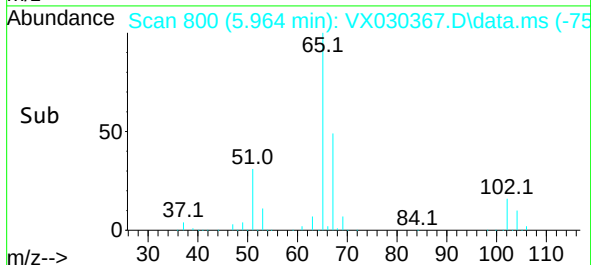
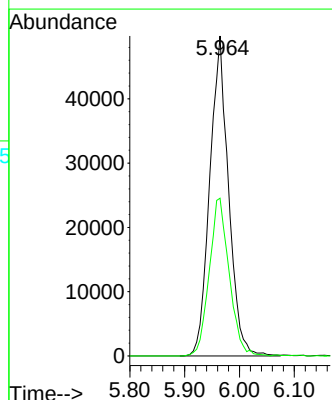
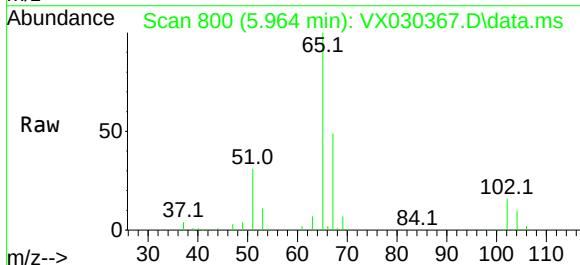
Instrument :
MSVOA_X
ClientSampleId :
TP2-0729

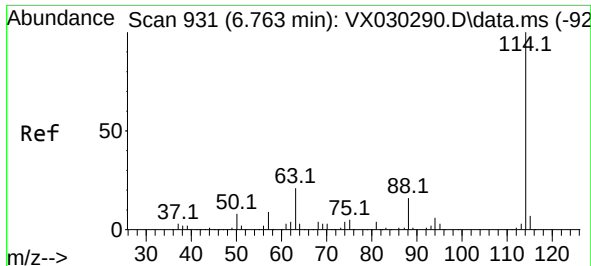
Tgt Ion: 43 Resp: 12680
Ion Ratio Lower Upper
43 100
72 24.3 21.7 32.5



#33
1,2-Dichloroethane-d4
Concen: 58.294 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX030367.D
Acq: 03 Aug 2022 13:50

Tgt Ion: 65 Resp: 118070
Ion Ratio Lower Upper
65 100
67 52.4 0.0 109.6

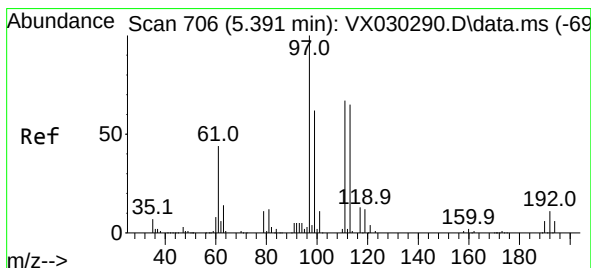
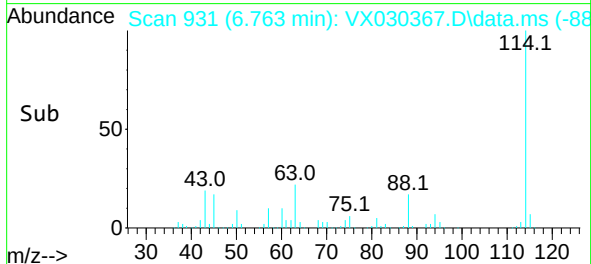
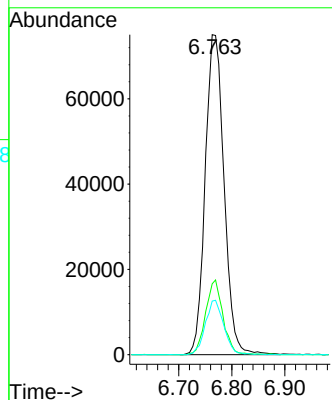
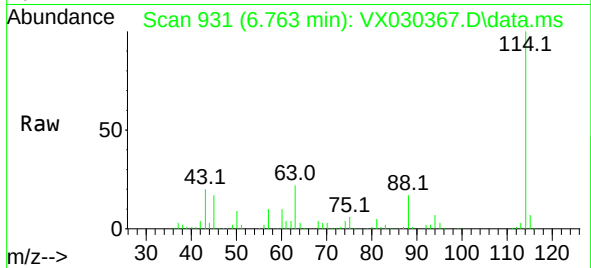




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VX030367.D
 Acq: 03 Aug 2022 13:50

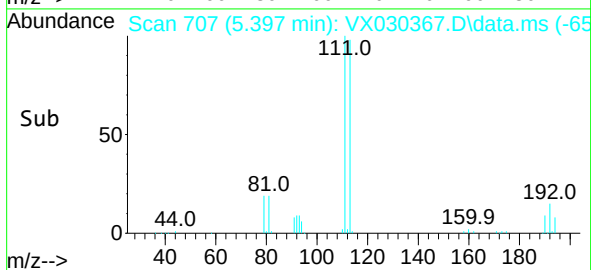
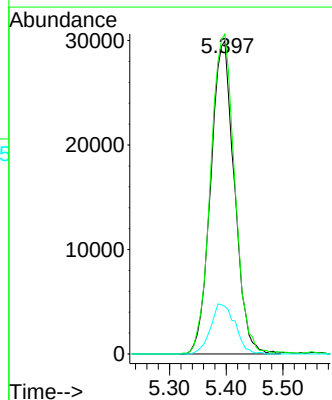
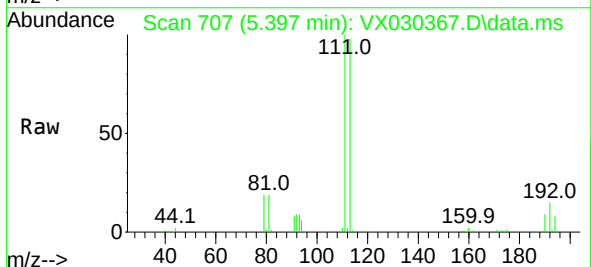
Instrument :
 MSVOA_X
 ClientSampleId :
 TP2-0729

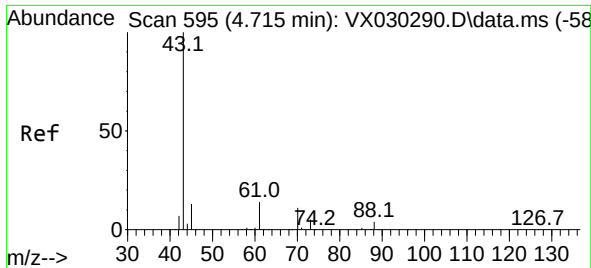
Tgt Ion:114 Resp: 185441
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 38.4
 88 16.8 0.0 31.8



#35
 Dibromofluoromethane
 Concen: 48.981 ug/l
 RT: 5.397 min Scan# 707
 Delta R.T. 0.006 min
 Lab File: VX030367.D
 Acq: 03 Aug 2022 13:50

Tgt Ion:113 Resp: 86830
 Ion Ratio Lower Upper
 113 100
 111 104.2 83.2 124.8
 192 16.6 14.8 22.2





#37

Ethyl Acetate

Concen: 7.767 ug/l

RT: 4.721 min Scan# 595

Delta R.T. 0.001 min

Lab File: VX030367.D

Acq: 03 Aug 2022 13:50

Instrument :

MSVOA_X

ClientSampleId :

TP2-0729

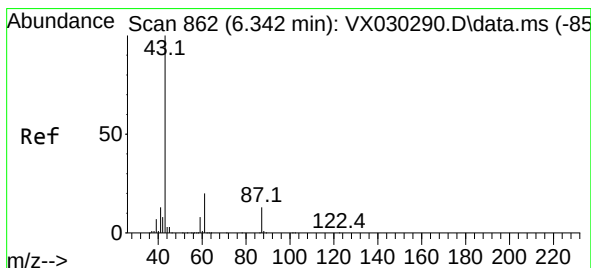
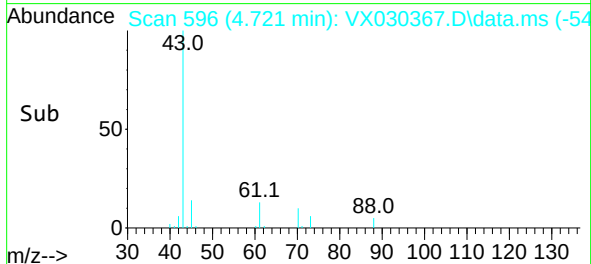
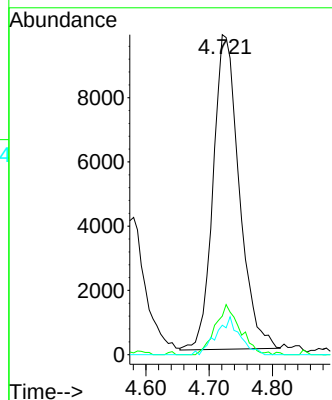
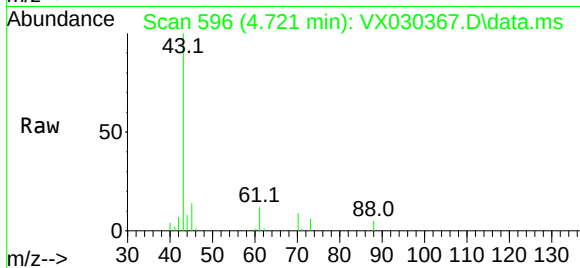
Tgt Ion: 43 Resp: 28061

Ion Ratio Lower Upper

43 100

61 15.1 11.7 17.5

70 10.8 9.3 13.9



#43

Isopropyl Acetate

Concen: 22.713 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.000 min

Lab File: VX030367.D

Acq: 03 Aug 2022 13:50

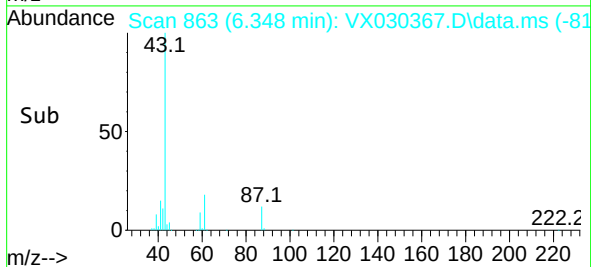
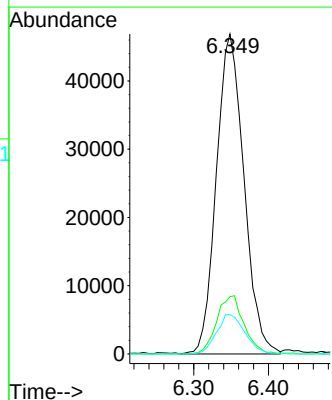
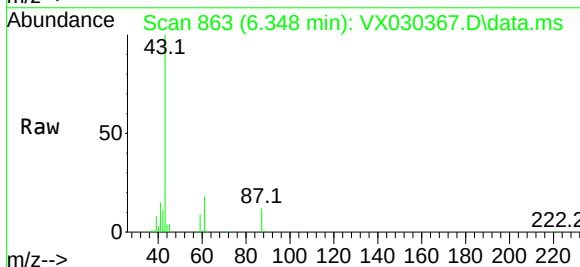
Tgt Ion: 43 Resp: 120288

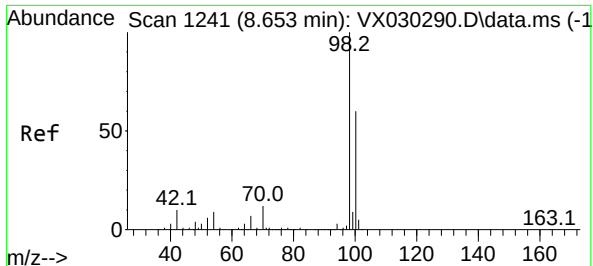
Ion Ratio Lower Upper

43 100

61 18.0 16.5 24.7

87 12.6 11.1 16.7

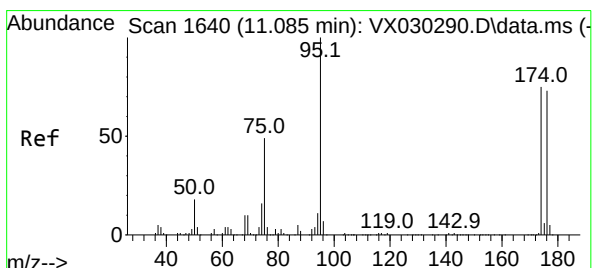
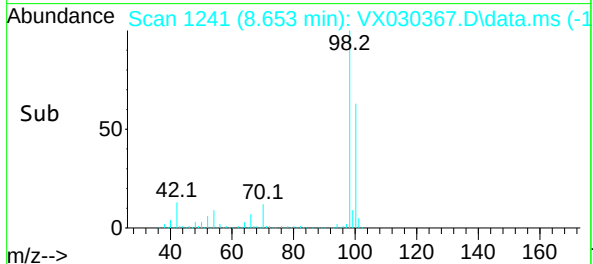
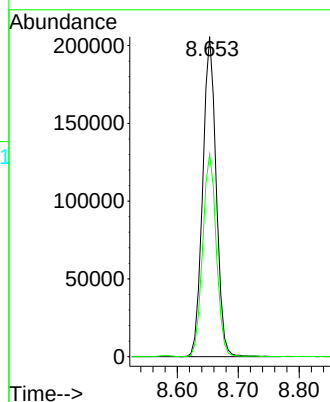
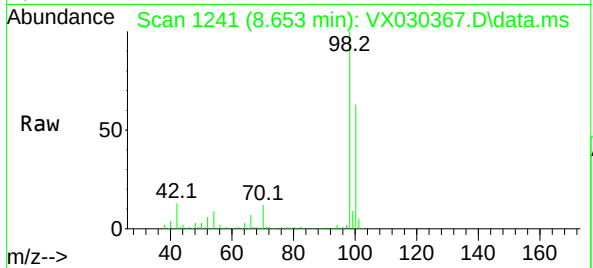




#50
Toluene-d8
Concen: 46.070 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.001 min
Lab File: VX030367.D
Acq: 03 Aug 2022 13:50

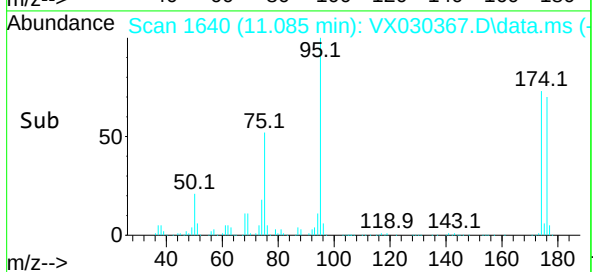
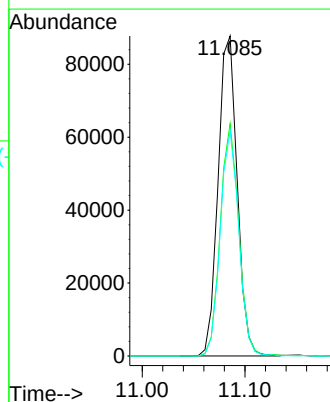
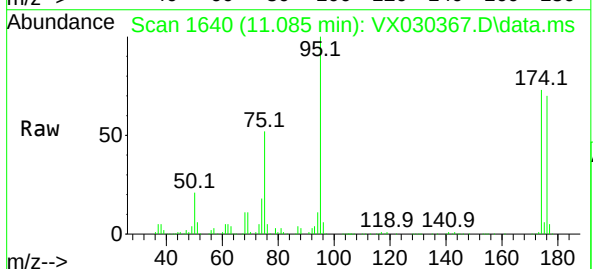
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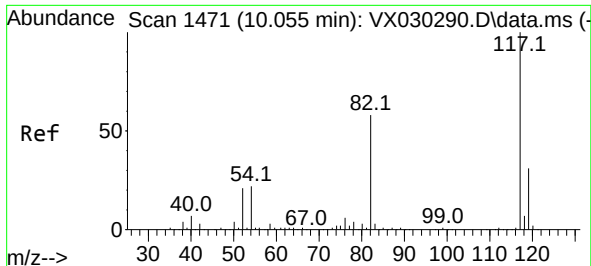
Tgt Ion: 98 Resp: 316277
Ion Ratio Lower Upper
98 100
100 64.0 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 44.366 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030367.D
Acq: 03 Aug 2022 13:50

Tgt Ion: 95 Resp: 113036
Ion Ratio Lower Upper
95 100
174 70.7 0.0 149.0
176 68.1 0.0 146.0

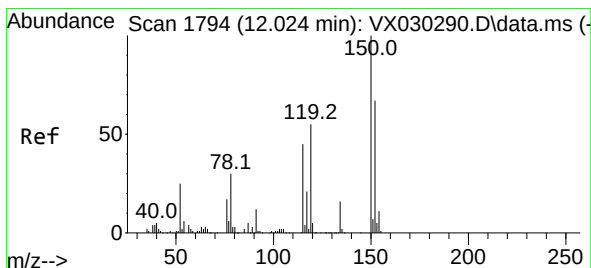
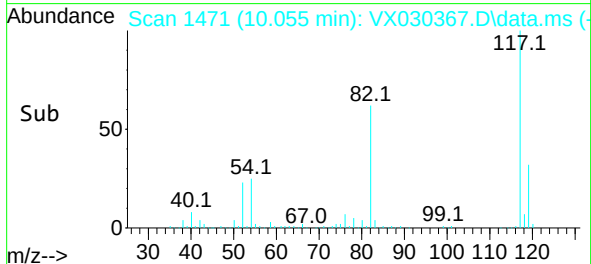
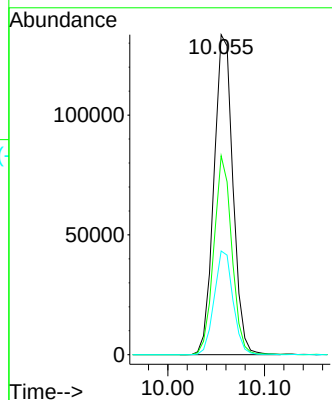
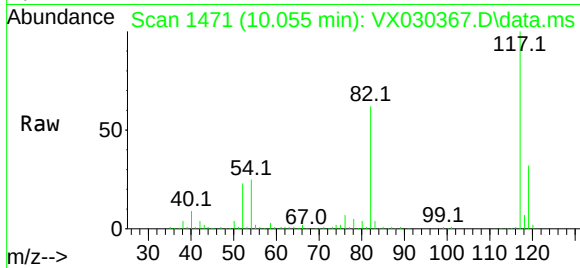




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030367.D
Acq: 03 Aug 2022 13:50

Instrument :
MSVOA_X
ClientSampleId :
TP2-0729

Tgt Ion:117 Resp: 182352
Ion Ratio Lower Upper
117 100
82 62.1 42.7 64.1
119 32.4 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030367.D
Acq: 03 Aug 2022 13:50

Tgt Ion:152 Resp: 105554
Ion Ratio Lower Upper
152 100
115 66.2 40.5 121.5
150 159.1 0.0 347.0

