

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110922\
 Data File : VX032713.D
 Acq On : 10 Nov 2022 07:36
 Operator : JC/MD
 Sample : N5509-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-11

Quant Time: Nov 10 08:09:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

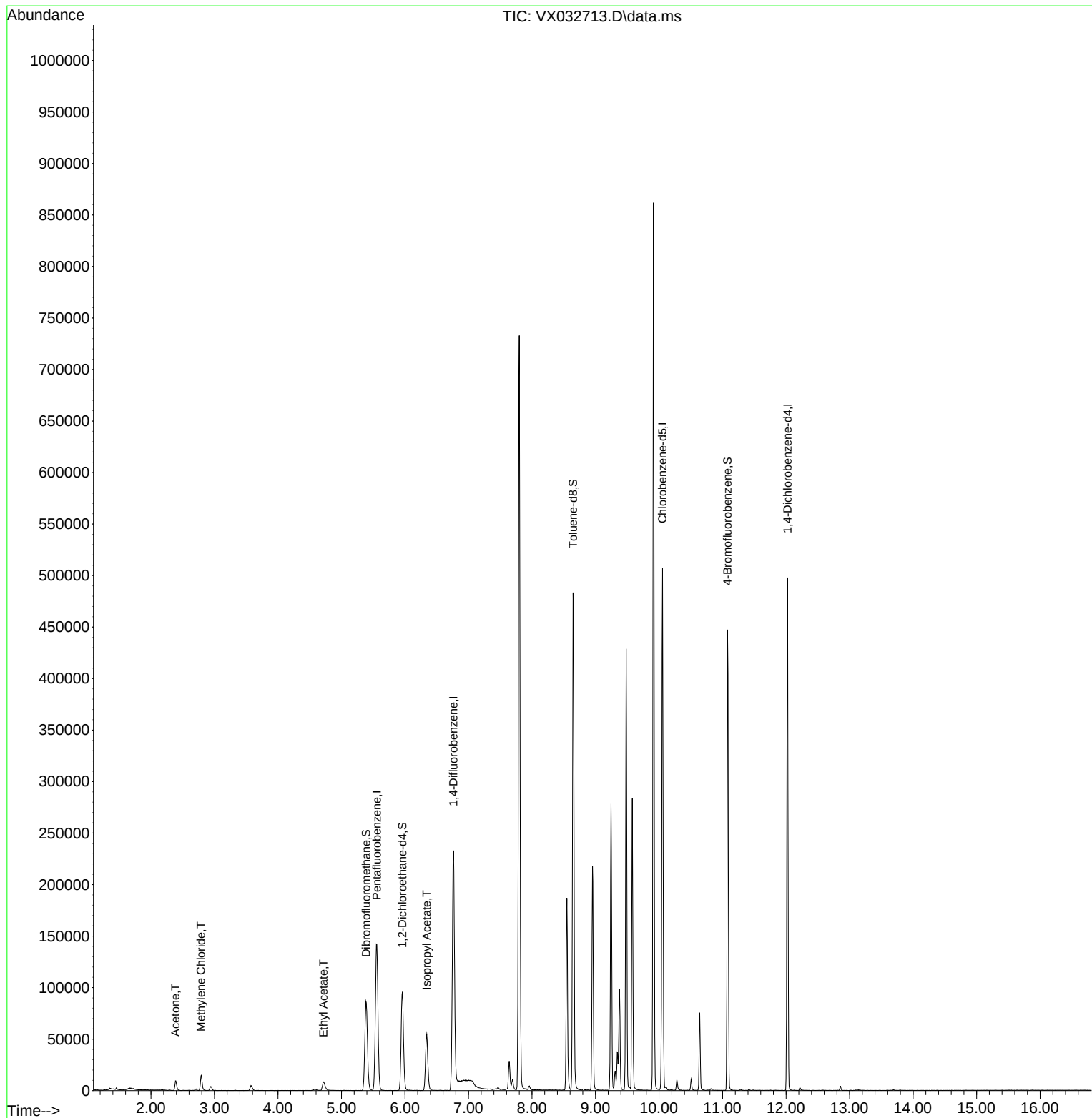
Internal Standards						
1) Pentafluorobenzene	5.556	168	136385	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	227302	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	215209	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100282	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	96160	50.743	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.480%
35) Dibromofluoromethane	5.385	113	74551	45.980	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.960%
50) Toluene-d8	8.647	98	284268	50.421	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.840%
62) 4-Bromofluorobenzene	11.079	95	111865	50.795	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.600%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	12129	17.610	ug/l	97
20) Methylene Chloride	2.788	84	7016	4.443	ug/l	95
37) Ethyl Acetate	4.715	43	15633	6.652	ug/l	99
43) Isopropyl Acetate	6.342	43	73554	20.383	ug/l	100

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

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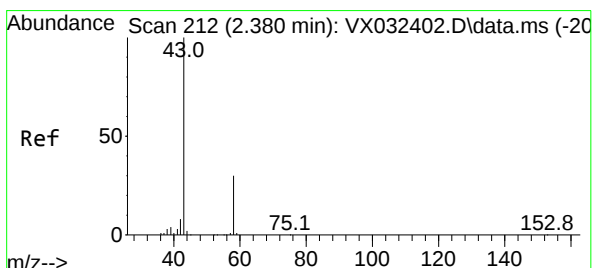
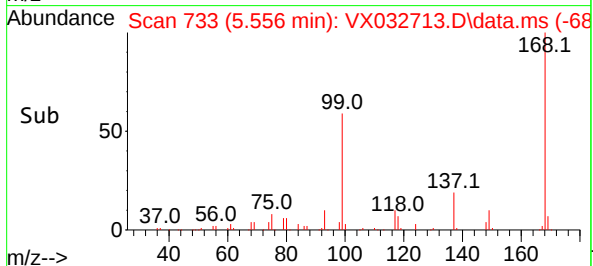
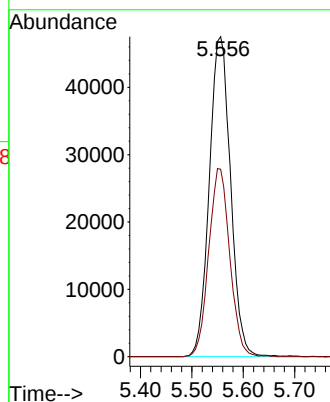
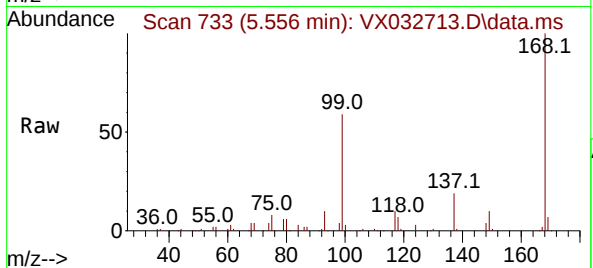




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.000 min
Lab File: VX032713.D
Acq: 10 Nov 2022 07:36

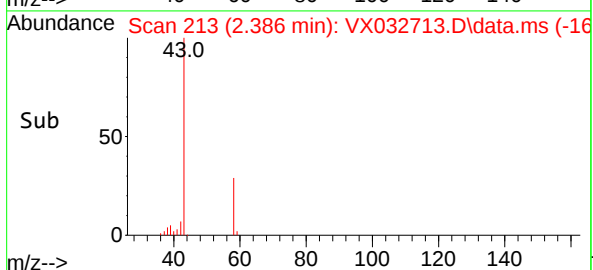
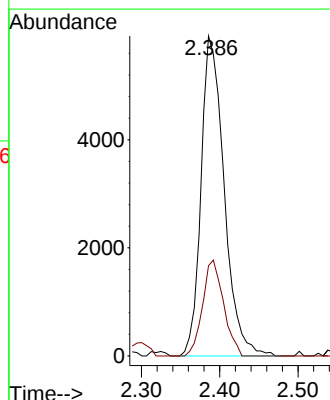
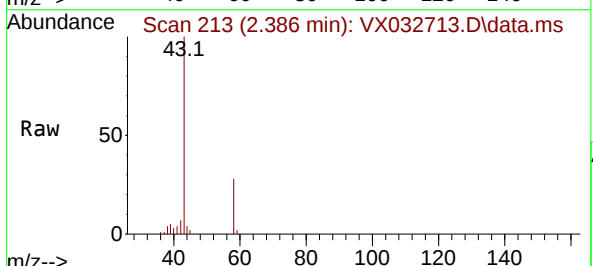
Instrument :
MSVOA_X
ClientSampleId :
TP-11

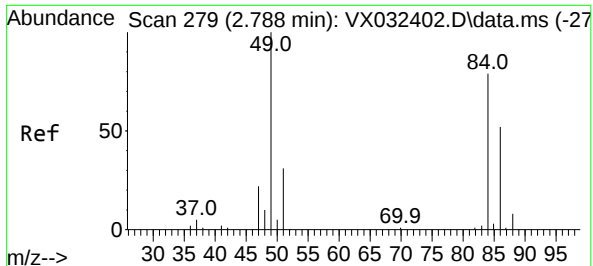
Tgt Ion:168 Resp: 136385
Ion Ratio Lower Upper
168 100
99 58.6 46.1 69.1



#16
Acetone
Concen: 17.610 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX032713.D
Acq: 10 Nov 2022 07:36

Tgt Ion: 43 Resp: 12129
Ion Ratio Lower Upper
43 100
58 28.2 23.8 35.8





#20

Methylene Chloride

Concen: 4.443 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX032713.D

Acq: 10 Nov 2022 07:36

Instrument :

MSVOA_X

ClientSampleId :

TP-11

Tgt Ion: 84 Resp: 7016

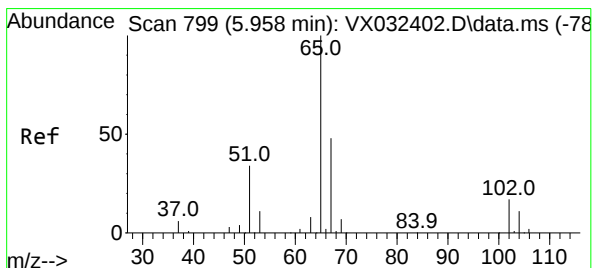
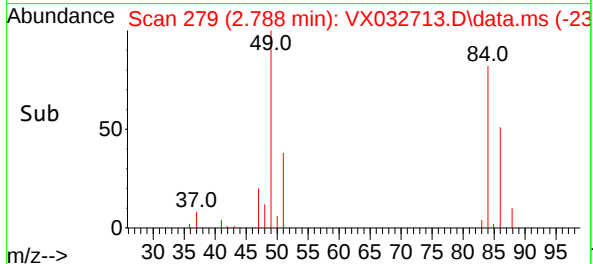
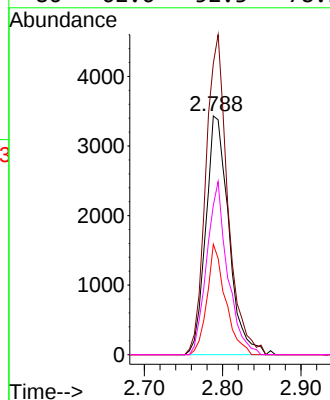
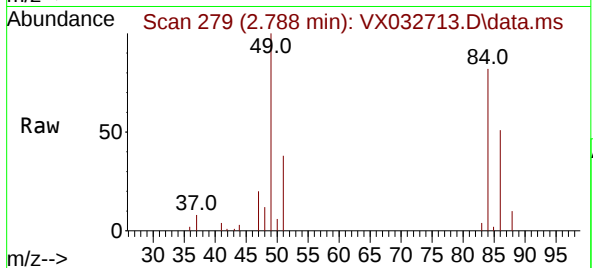
Ion Ratio Lower Upper

84 100

49 122.0 101.0 151.6

51 46.3 31.1 46.7

86 62.6 52.3 78.5



#33

1,2-Dichloroethane-d4

Concen: 50.743 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032713.D

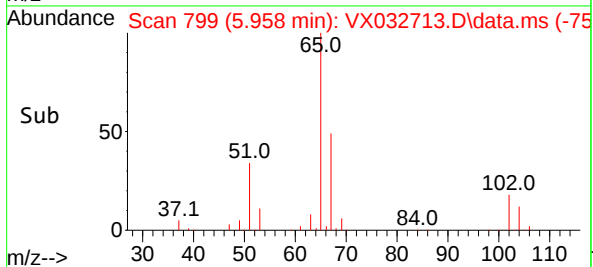
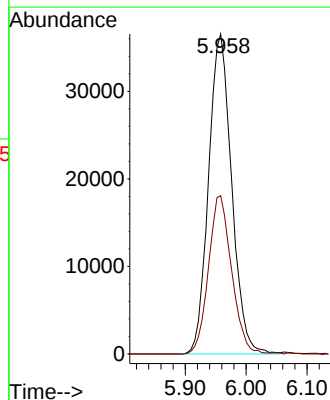
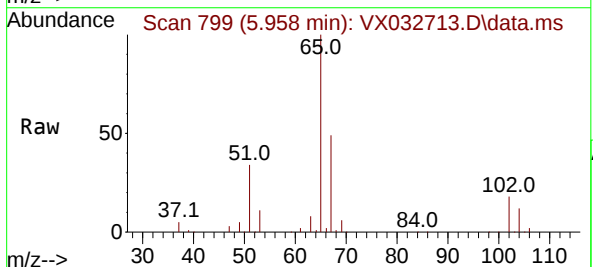
Acq: 10 Nov 2022 07:36

Tgt Ion: 65 Resp: 96160

Ion Ratio Lower Upper

65 100

67 49.4 0.0 101.8

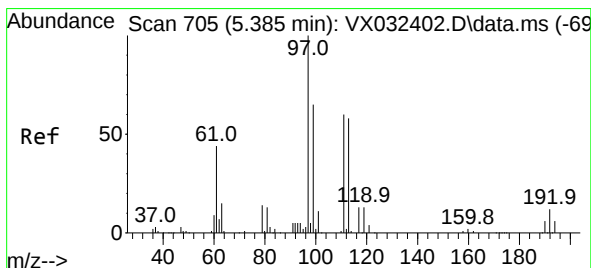
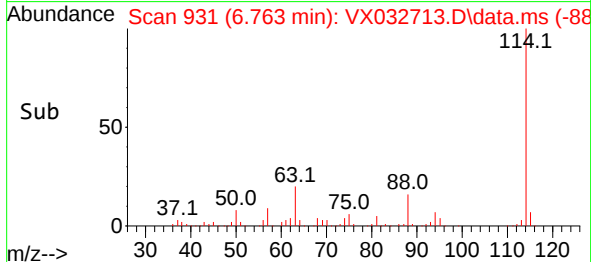
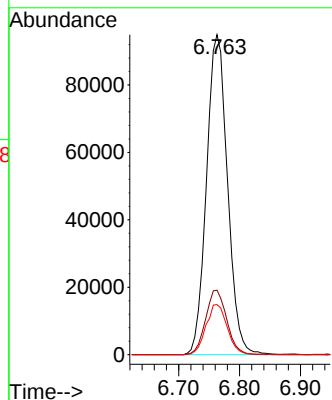
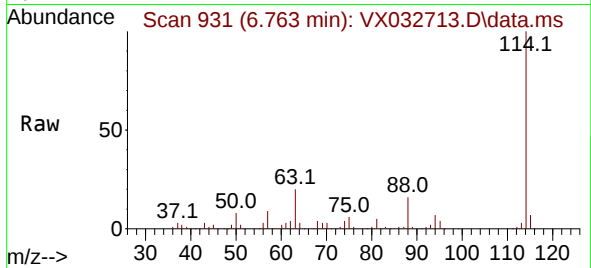




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VX032713.D
 Acq: 10 Nov 2022 07:36

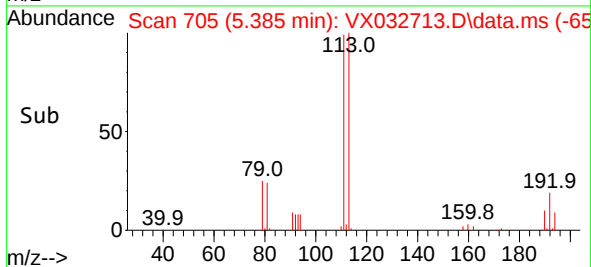
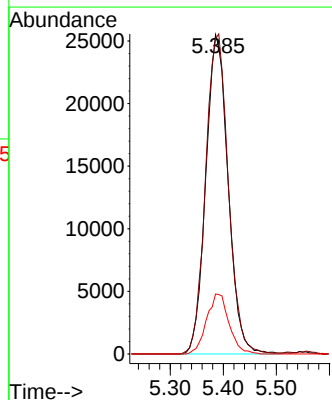
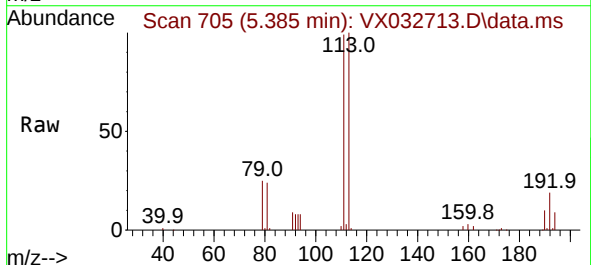
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-11

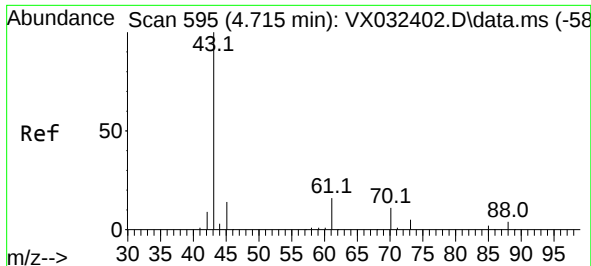
Tgt Ion:114 Resp: 227302
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 41.6
 88 15.7 0.0 33.4



#35
 Dibromofluoromethane
 Concen: 45.980 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: VX032713.D
 Acq: 10 Nov 2022 07:36

Tgt Ion:113 Resp: 74551
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.4 123.6
 192 18.8 15.4 23.2





#37

Ethyl Acetate

Concen: 6.652 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX032713.D

Acq: 10 Nov 2022 07:36

Instrument :

MSVOA_X

ClientSampleId :

TP-11

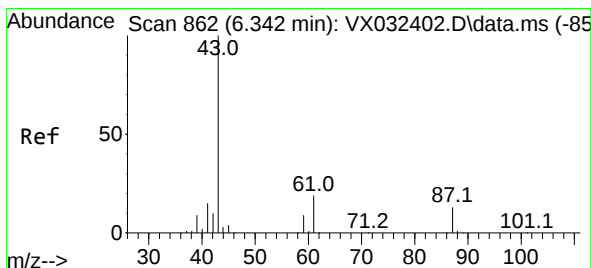
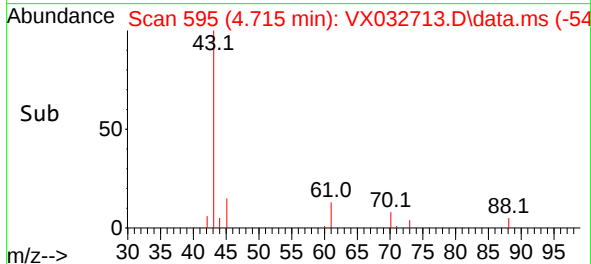
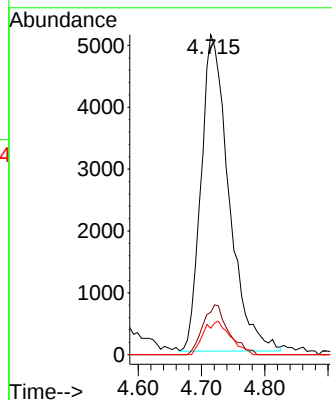
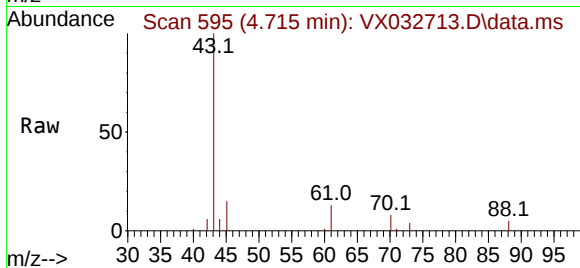
Tgt Ion: 43 Resp: 15633

Ion Ratio Lower Upper

43 100

61 14.5 11.5 17.3

70 10.3 9.1 13.7



#43

Isopropyl Acetate

Concen: 20.383 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX032713.D

Acq: 10 Nov 2022 07:36

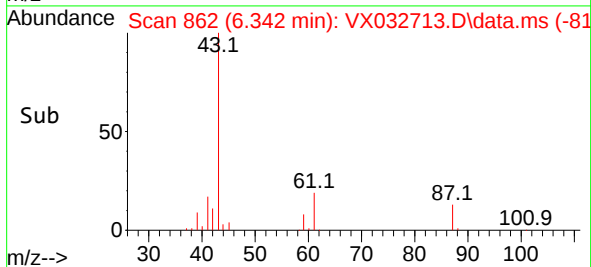
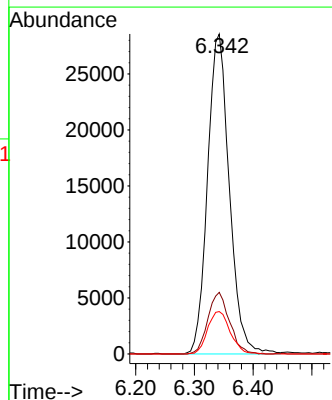
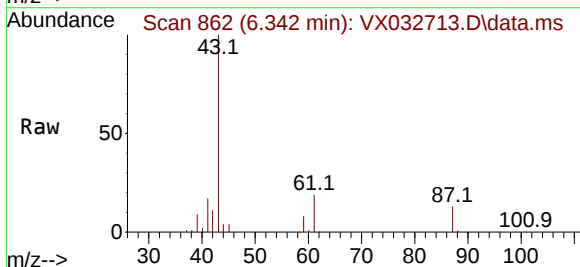
Tgt Ion: 43 Resp: 73554

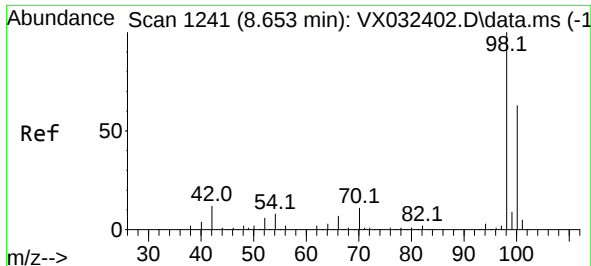
Ion Ratio Lower Upper

43 100

61 19.1 15.4 23.0

87 13.7 10.8 16.2

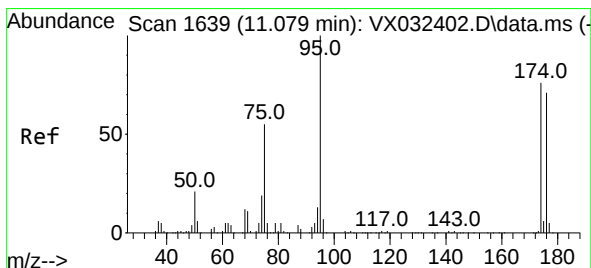
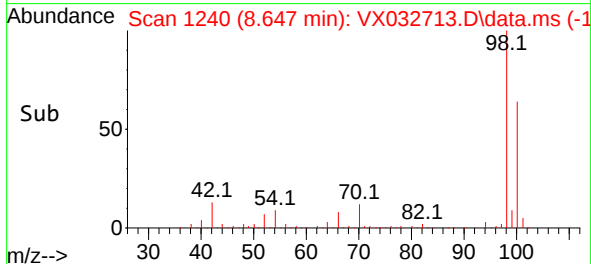
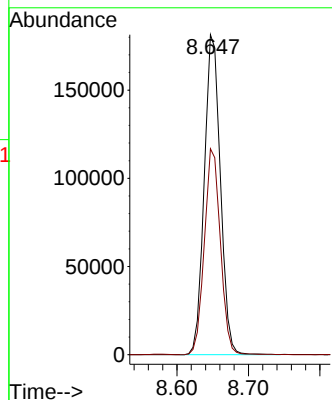
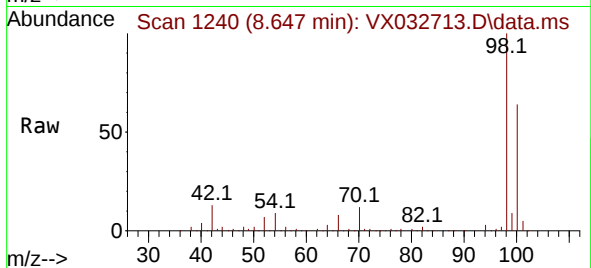




#50
Toluene-d8
Concen: 50.421 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032713.D
Acq: 10 Nov 2022 07:36

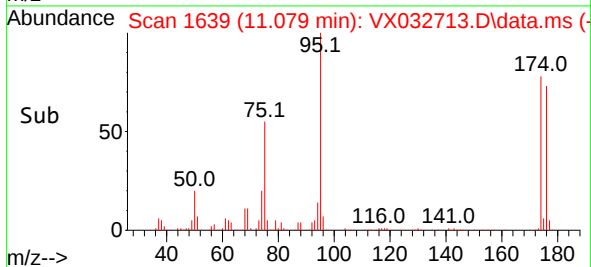
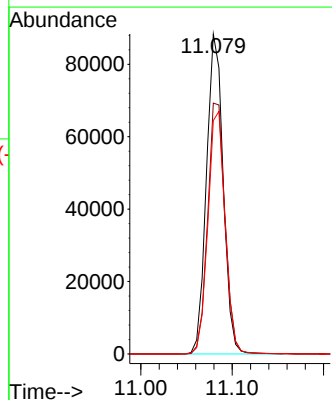
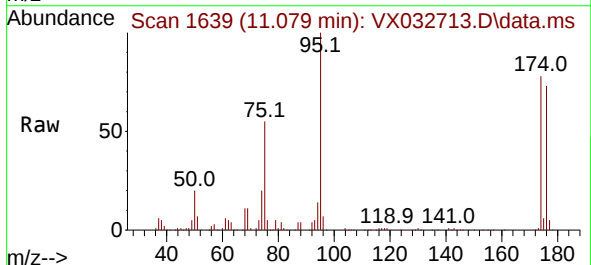
Instrument :
MSVOA_X
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TP-11

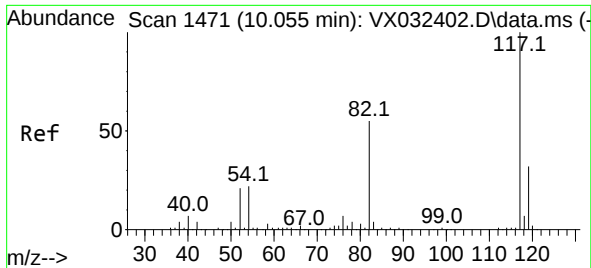
Tgt Ion: 98 Resp: 284268
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 50.795 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032713.D
Acq: 10 Nov 2022 07:36

Tgt Ion: 95 Resp: 111865
Ion Ratio Lower Upper
95 100
174 81.8 0.0 164.0
176 78.3 0.0 154.4

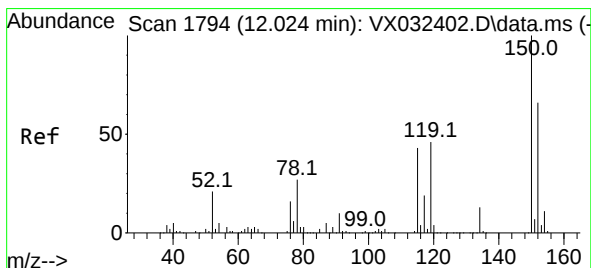
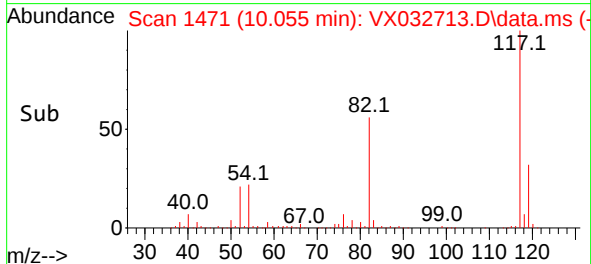
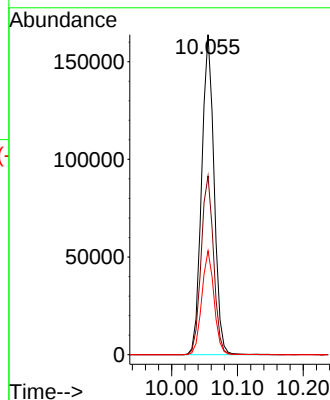
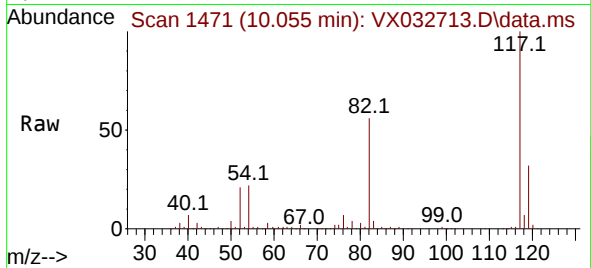




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032713.D
Acq: 10 Nov 2022 07:36

Instrument :
MSVOA_X
ClientSampleId :
TP-11

Tgt Ion:117 Resp: 215209
Ion Ratio Lower Upper
117 100
82 55.8 44.3 66.5
119 32.5 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032713.D
Acq: 10 Nov 2022 07:36

Tgt Ion:152 Resp: 100282
Ion Ratio Lower Upper
152 100
115 61.7 44.0 132.0
150 159.1 0.0 351.8

