

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061223\
 Data File : VX036128.D
 Acq On : 12 Jun 2023 17:12
 Operator : JC/MD
 Sample : PB153331ZHE#08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB153331ZHE#08

Quant Time: Jun 13 04:51:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 31 12:50:30 2023
 Response via : Initial Calibration

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

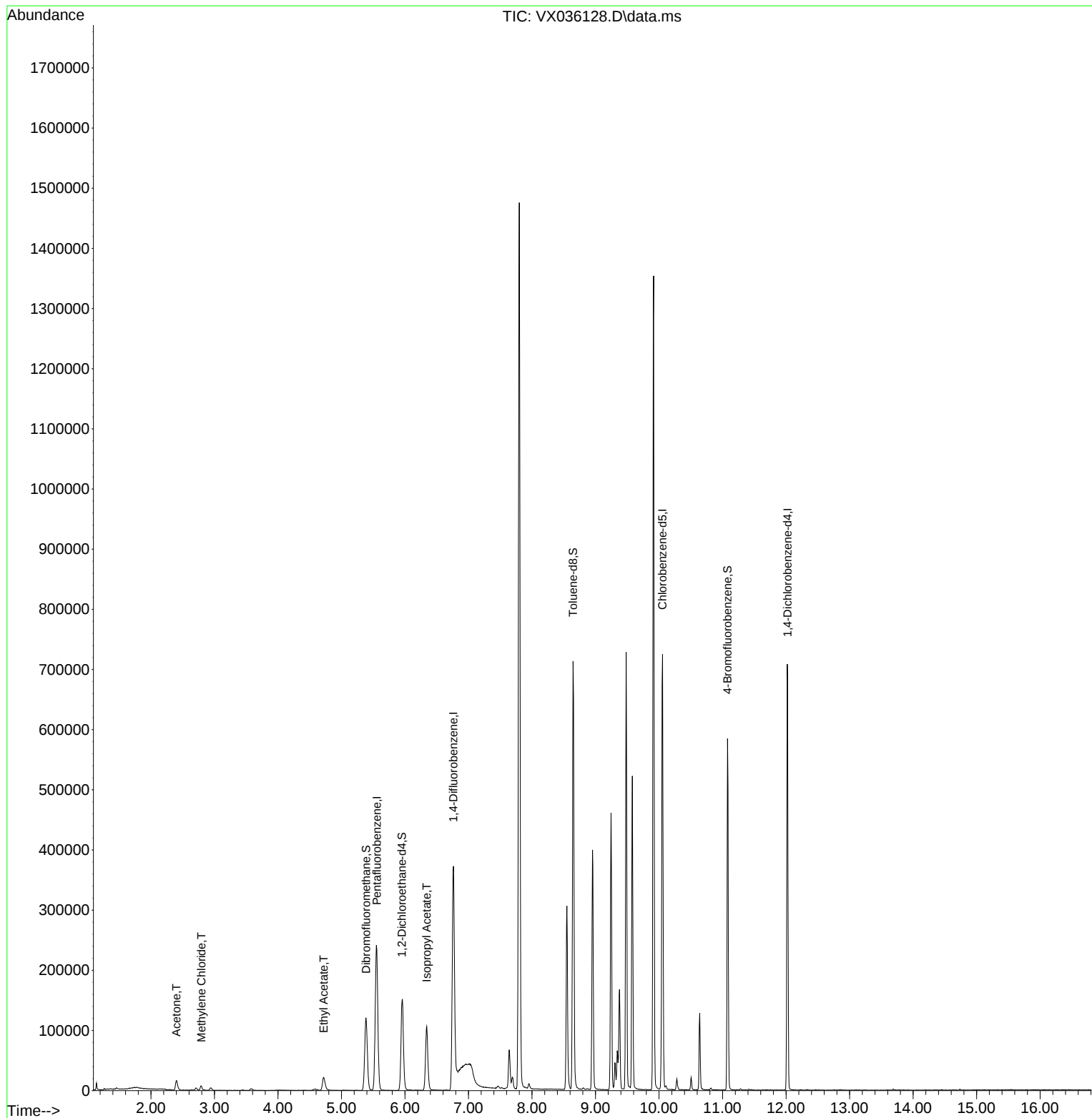
Internal Standards						
1) Pentafluorobenzene	5.556	168	202867	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	338314	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	305838	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	133533	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	156283	47.441	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.880%
35) Dibromofluoromethane	5.385	113	103651	45.551	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.100%
50) Toluene-d8	8.647	98	403840	49.450	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.900%
62) 4-Bromofluorobenzene	11.079	95	154237	47.843	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.680%
Target Compounds						
					Qvalue	
16) Acetone	2.398	43	24505	18.031	ug/l	99
20) Methylene Chloride	2.794	84	3678	1.405	ug/l #	86
37) Ethyl Acetate	4.721	43	40774	12.067	ug/l	99
43) Isopropyl Acetate	6.342	43	145596	26.206	ug/l	99

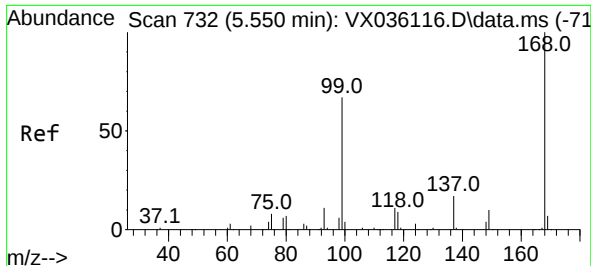
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

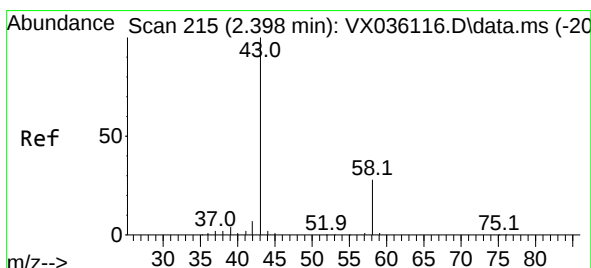
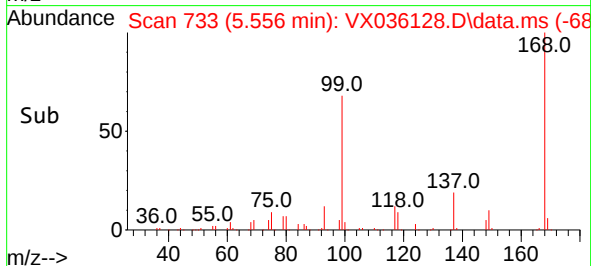
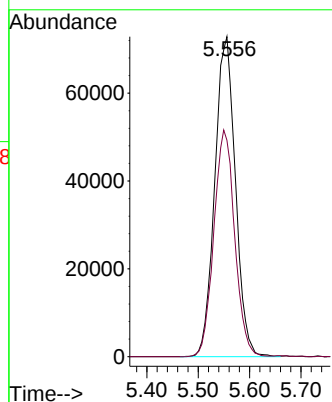
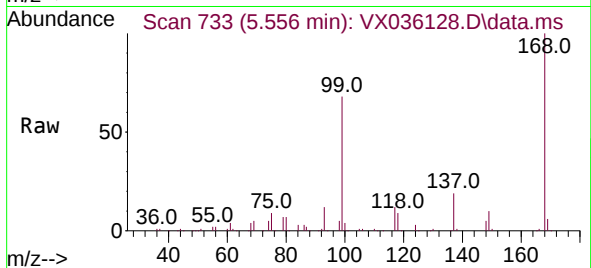




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX036128.D
Acq: 12 Jun 2023 17:12

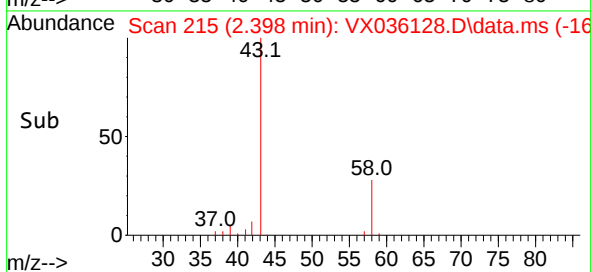
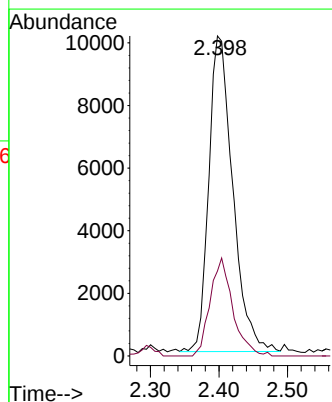
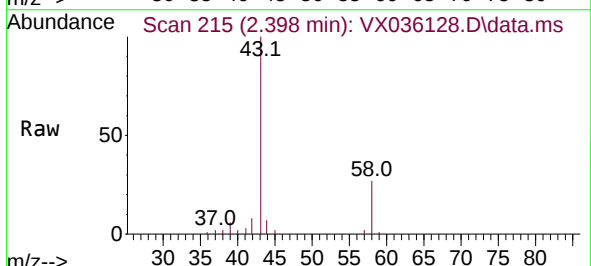
Instrument :
MSVOA_X
ClientSampleId :
PB153331ZHE#08

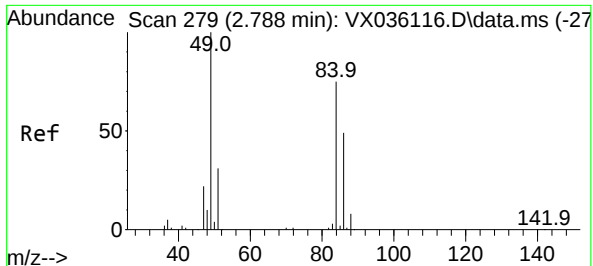
Tgt Ion:168 Resp: 202867
Ion Ratio Lower Upper
168 100
99 67.6 57.0 85.6



#16
Acetone
Concen: 18.031 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.007 min
Lab File: VX036128.D
Acq: 12 Jun 2023 17:12

Tgt Ion: 43 Resp: 24505
Ion Ratio Lower Upper
43 100
58 26.9 22.2 33.2

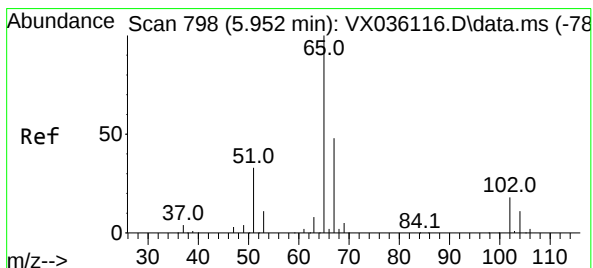
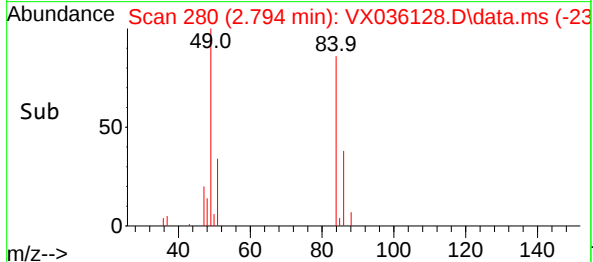
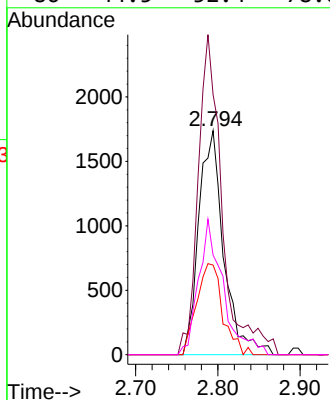
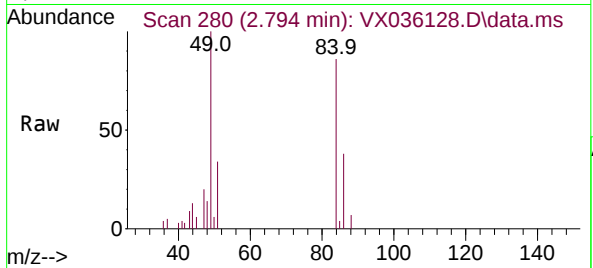




#20
Methylene Chloride
Concen: 1.405 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX036128.D
Acq: 12 Jun 2023 17:12

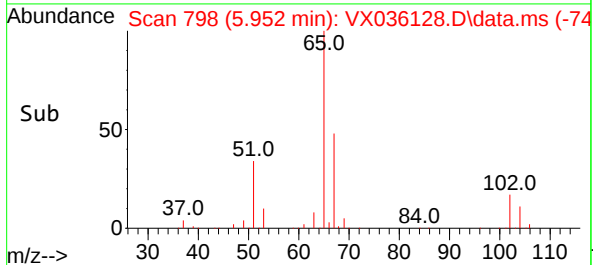
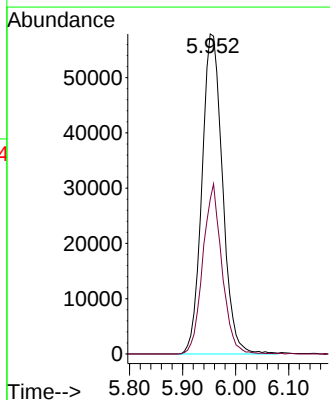
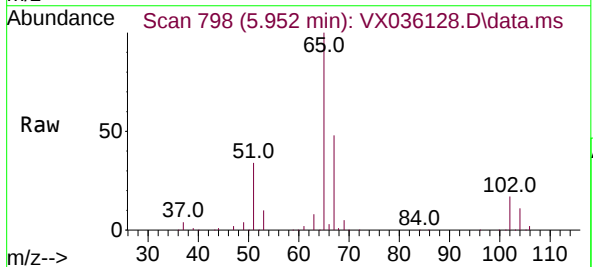
Instrument :
MSVOA_X
ClientSampleId :
PB153331ZHE#08

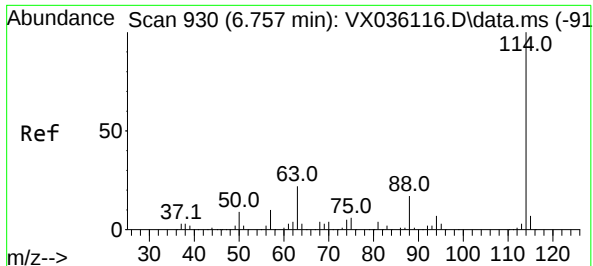
Tgt Ion:	84	Resp:	3678
Ion	Ratio	Lower	Upper
84	100		
49	116.2	104.6	156.8
51	40.0	32.2	48.4
86	44.5	52.4	78.6



#33
1,2-Dichloroethane-d4
Concen: 47.441 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX036128.D
Acq: 12 Jun 2023 17:12

Tgt Ion:	65	Resp:	156283
Ion	Ratio	Lower	Upper
65	100		
67	49.3	0.0	99.6

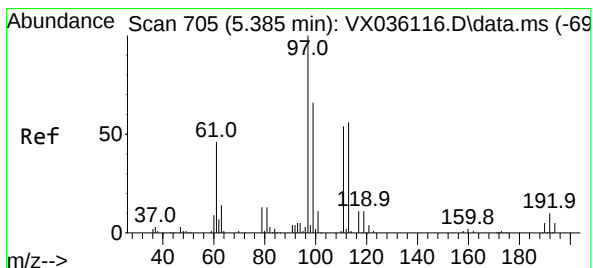
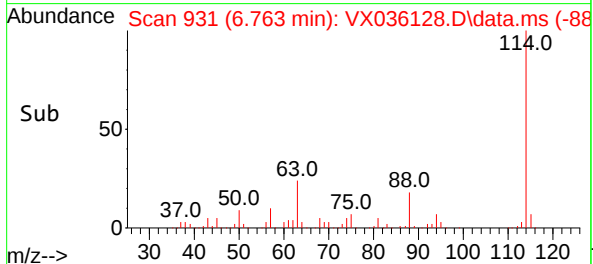
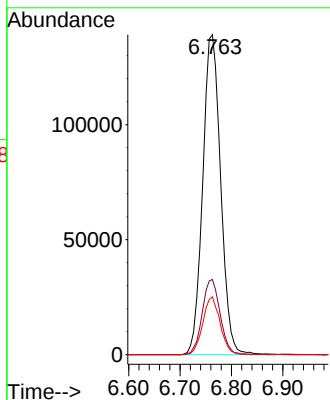
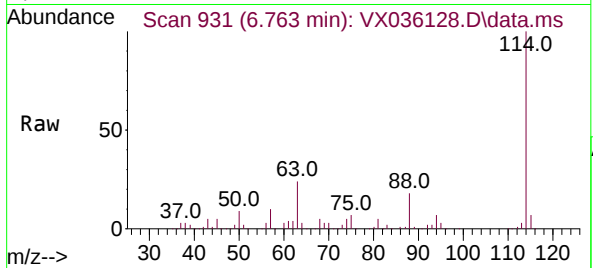




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX036128.D
Acq: 12 Jun 2023 17:12

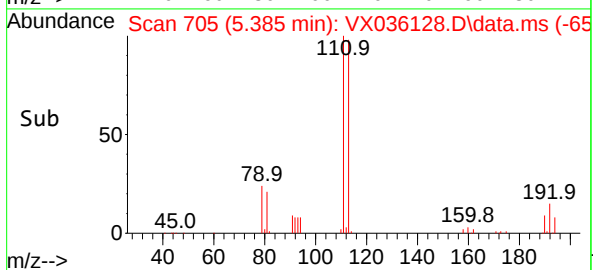
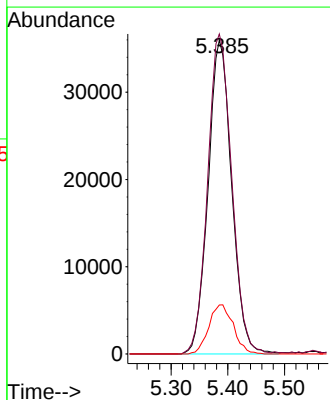
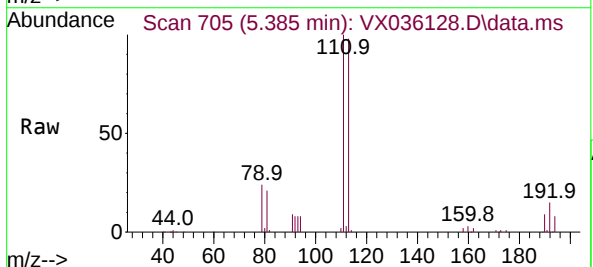
Instrument :
MSVOA_X
ClientSampleId :
PB153331ZHE#08

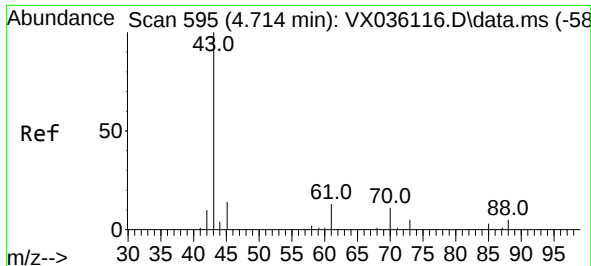
Tgt Ion:114 Resp: 338314
Ion Ratio Lower Upper
114 100
63 23.5 0.0 46.0
88 18.1 0.0 35.2



#35
Dibromofluoromethane
Concen: 45.551 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036128.D
Acq: 12 Jun 2023 17:12

Tgt Ion:113 Resp: 103651
Ion Ratio Lower Upper
113 100
111 104.3 81.7 122.5
192 16.3 13.5 20.3





#37

Ethyl Acetate

Concen: 12.067 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.013 min

Lab File: VX036128.D

Acq: 12 Jun 2023 17:12

Instrument :

MSVOA_X

ClientSampleId :

PB153331ZHE#08

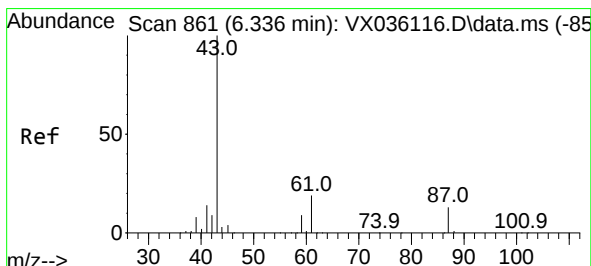
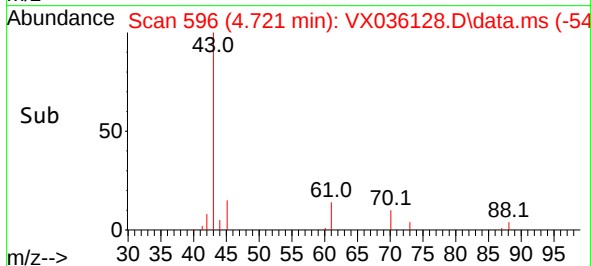
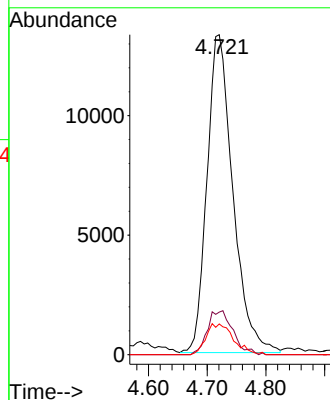
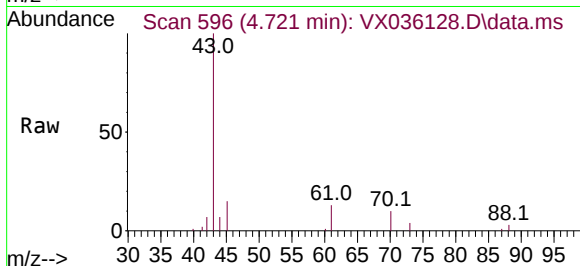
Tgt Ion: 43 Resp: 40774

Ion Ratio Lower Upper

43 100

61 13.6 10.3 15.5

70 10.3 8.3 12.5



#43

Isopropyl Acetate

Concen: 26.206 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.006 min

Lab File: VX036128.D

Acq: 12 Jun 2023 17:12

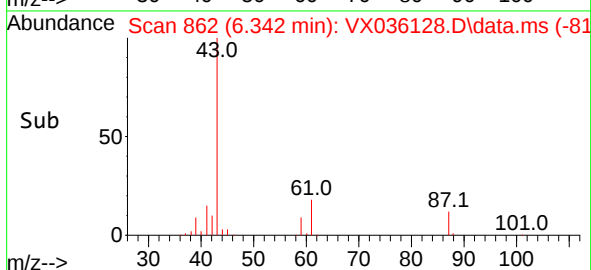
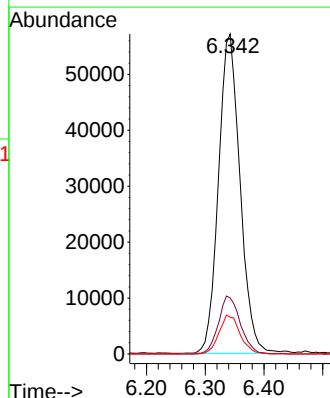
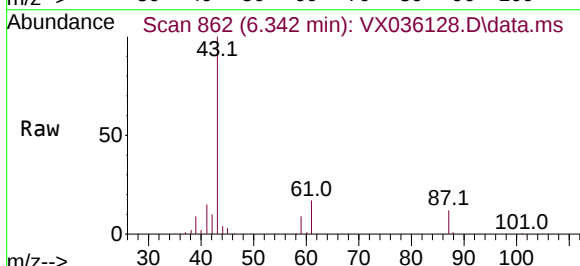
Tgt Ion: 43 Resp: 145596

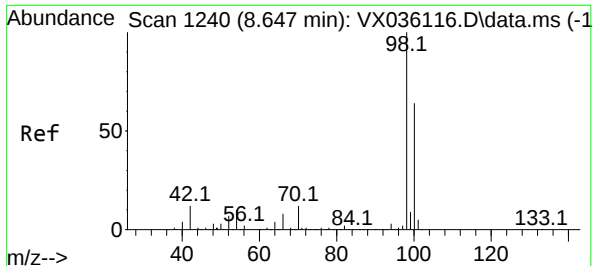
Ion Ratio Lower Upper

43 100

61 18.4 15.0 22.4

87 11.8 9.9 14.9

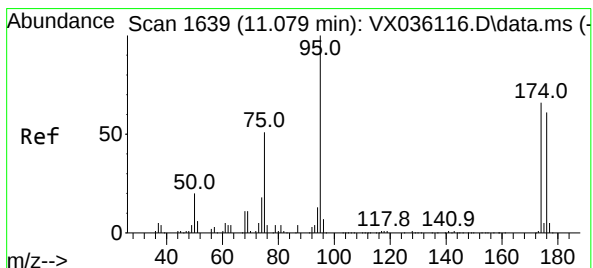
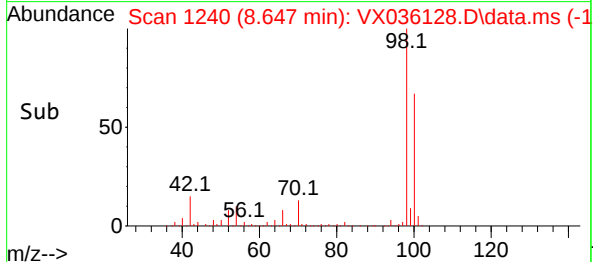
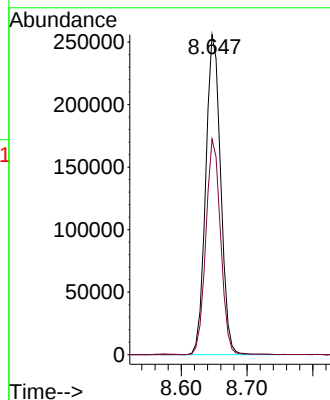
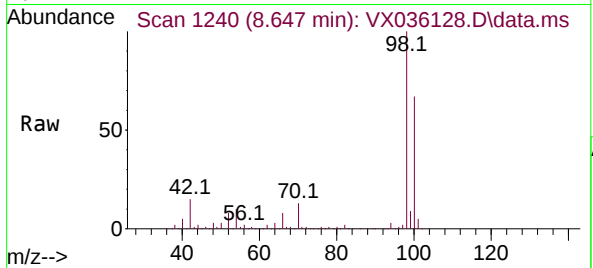




#50
Toluene-d8
Concen: 49.450 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX036128.D
Acq: 12 Jun 2023 17:12

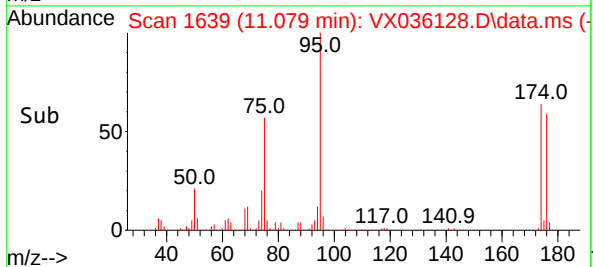
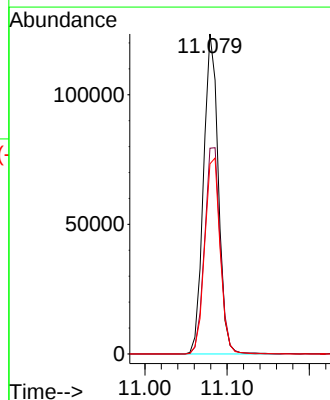
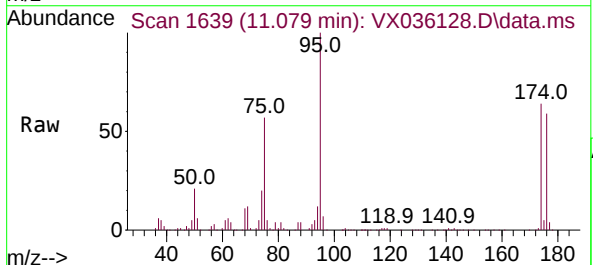
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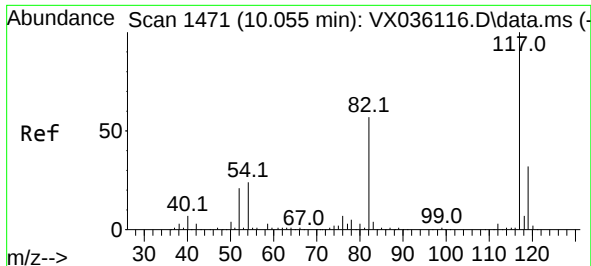
Tgt Ion: 98 Resp: 403840
Ion Ratio Lower Upper
98 100
100 66.5 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 47.843 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036128.D
Acq: 12 Jun 2023 17:12

Tgt Ion: 95 Resp: 154237
Ion Ratio Lower Upper
95 100
174 68.2 0.0 132.6
176 64.1 0.0 128.0

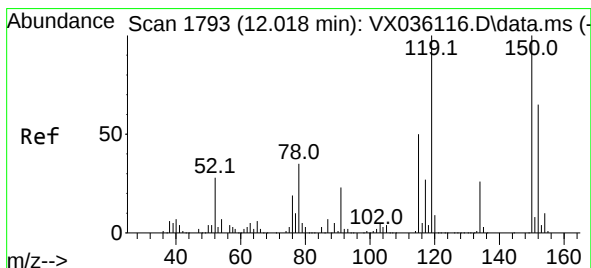
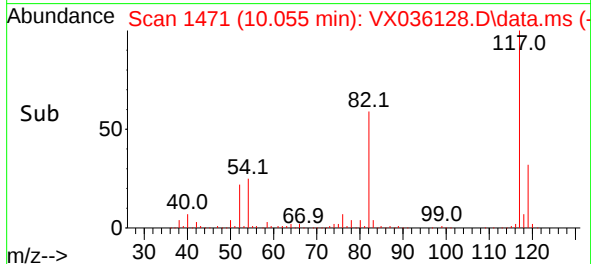
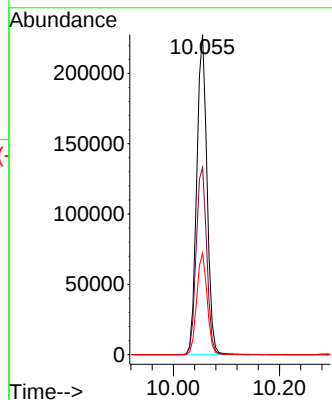
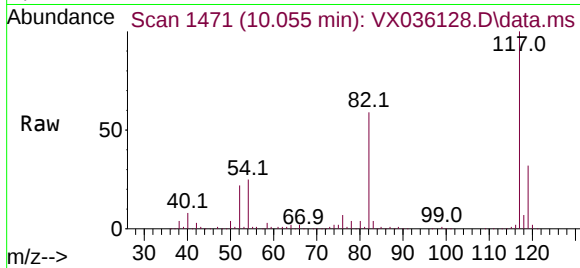




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036128.D
Acq: 12 Jun 2023 17:12

Instrument :
MSVOA_X
ClientSampleId :
PB153331ZHE#08

Tgt Ion:117 Resp: 305838
Ion Ratio Lower Upper
117 100
82 58.6 46.6 69.8
119 31.8 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: VX036128.D
Acq: 12 Jun 2023 17:12

Tgt Ion:152 Resp: 133533
Ion Ratio Lower Upper
152 100
115 66.1 45.5 136.5
150 159.9 0.0 345.2

