

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120522\
 Data File : VX033233.D
 Acq On : 05 Dec 2022 18:09
 Operator : JC/MD
 Sample : PB149407ZHE#08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB149407ZHE#08

Quant Time: Dec 06 06:00:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

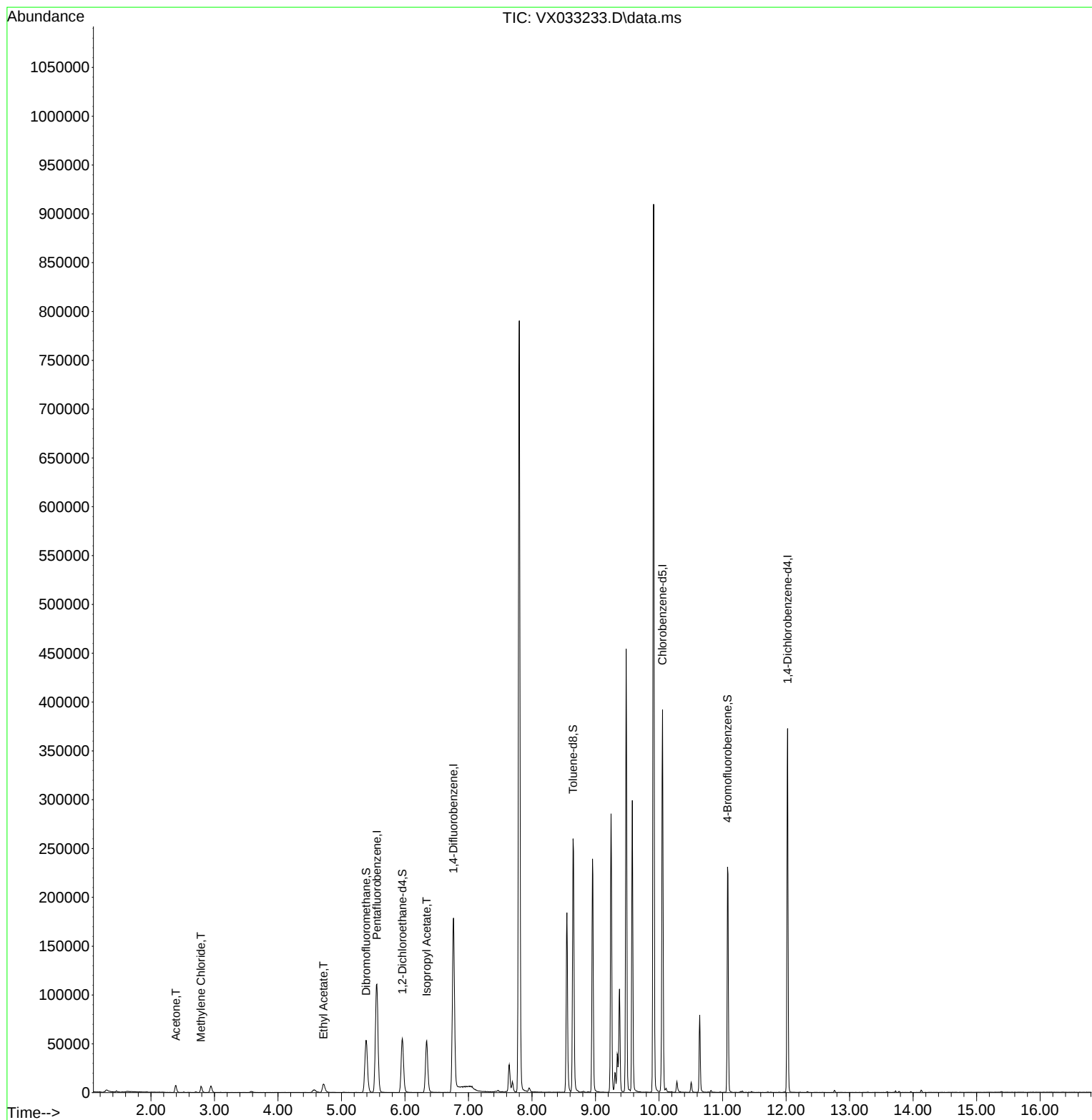
Internal Standards						
1) Pentafluorobenzene	5.556	168	108348	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	178394	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	169737	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75878	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	55941	53.028	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	106.060%
35) Dibromofluoromethane	5.385	113	47629	47.358	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.720%
50) Toluene-d8	8.647	98	156941	51.948	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.900%
62) 4-Bromofluorobenzene	11.079	95	59267	44.861	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.720%
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	9371	19.017	ug/l	95
20) Methylene Chloride	2.788	84	3019	1.691	ug/l #	83
37) Ethyl Acetate	4.714	43	15531	11.070	ug/l	99
43) Isopropyl Acetate	6.342	43	71178	30.677	ug/l	99

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

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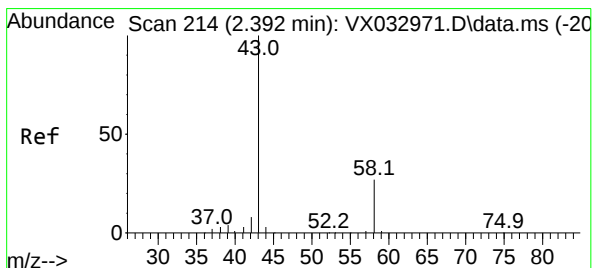
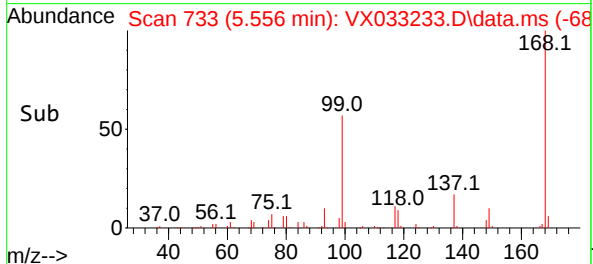
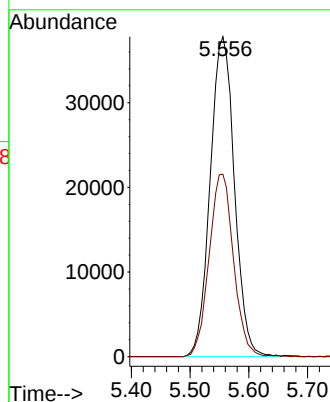
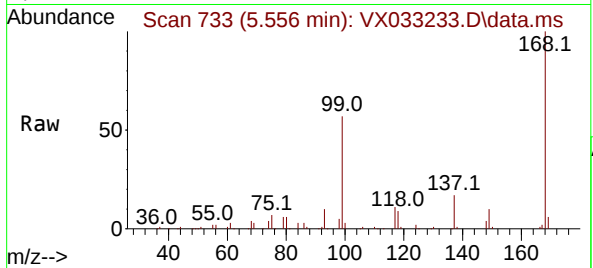




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX033233.D
Acq: 05 Dec 2022 18:09

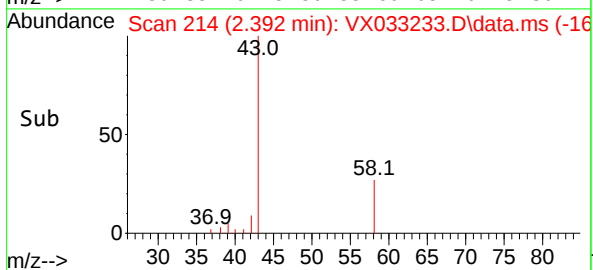
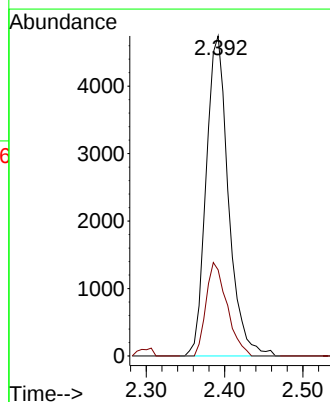
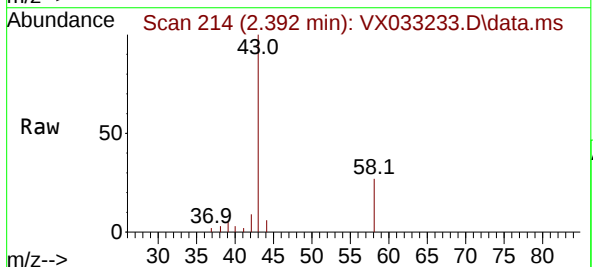
Instrument :
MSVOA_X
ClientSampleId :
PB149407ZHE#08

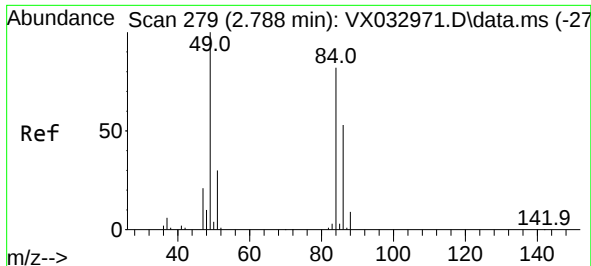
Tgt Ion:168 Resp: 108348
Ion Ratio Lower Upper
168 100
99 57.0 46.1 69.1



#16
Acetone
Concen: 19.017 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX033233.D
Acq: 05 Dec 2022 18:09

Tgt Ion: 43 Resp: 9371
Ion Ratio Lower Upper
43 100
58 26.9 23.8 35.8

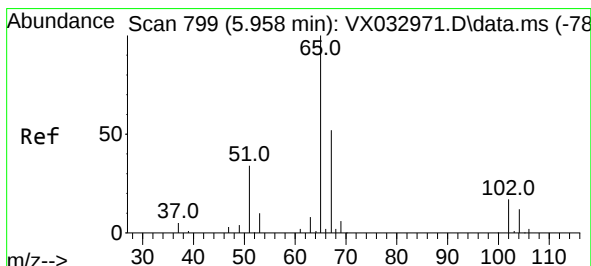
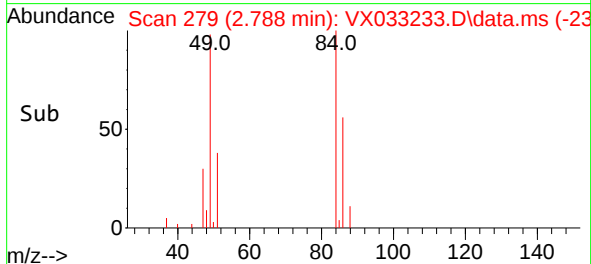
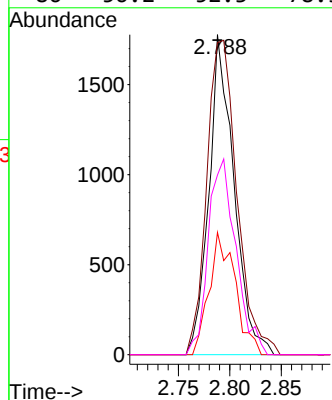
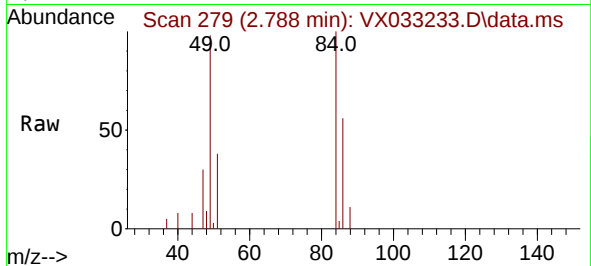




#20
Methylene Chloride
Concen: 1.691 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX033233.D
Acq: 05 Dec 2022 18:09

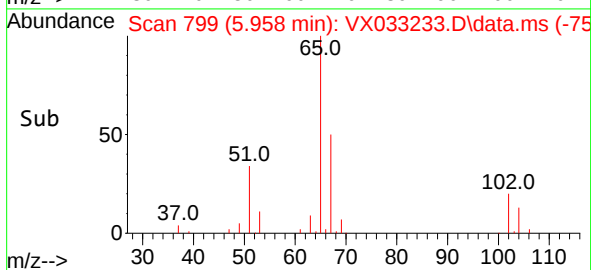
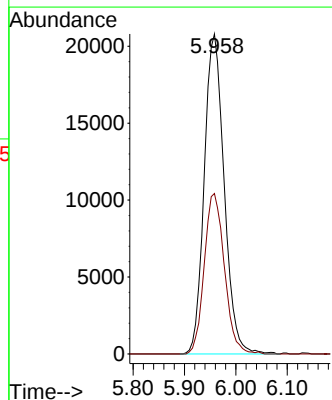
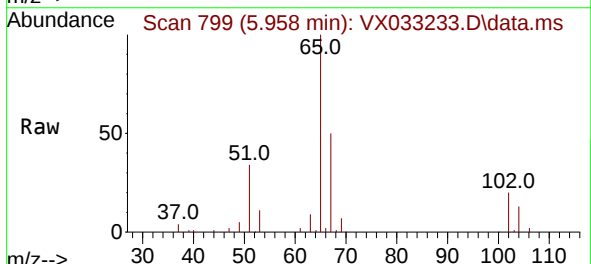
Instrument :
MSVOA_X
ClientSampleId :
PB149407ZHE#08

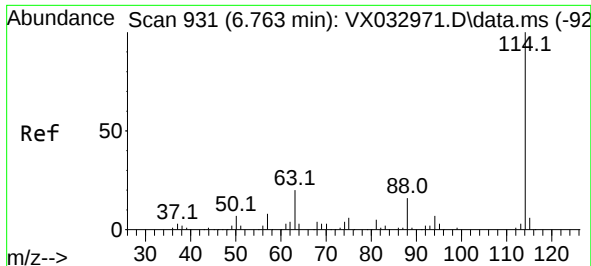
Tgt Ion: 84 Resp: 3019
Ion Ratio Lower Upper
84 100
49 97.5 101.0 151.6#
51 38.2 31.1 46.7
86 56.2 52.3 78.5



#33
1,2-Dichloroethane-d4
Concen: 53.028 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033233.D
Acq: 05 Dec 2022 18:09

Tgt Ion: 65 Resp: 55941
Ion Ratio Lower Upper
65 100
67 50.8 0.0 101.8

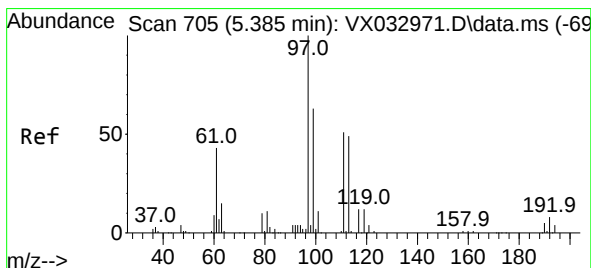
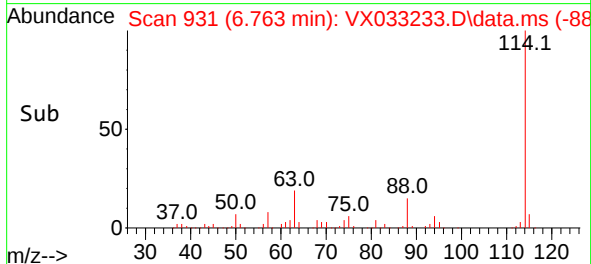
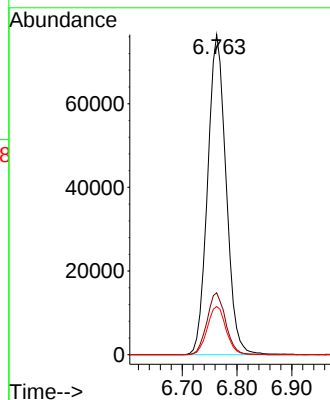
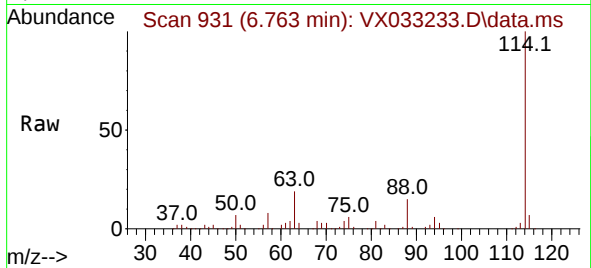




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX033233.D
Acq: 05 Dec 2022 18:09

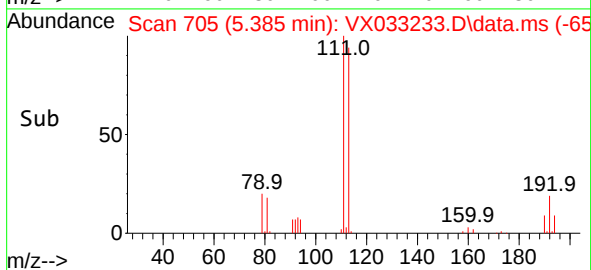
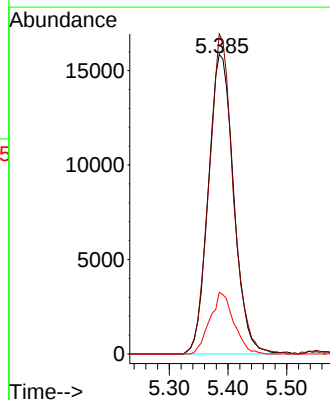
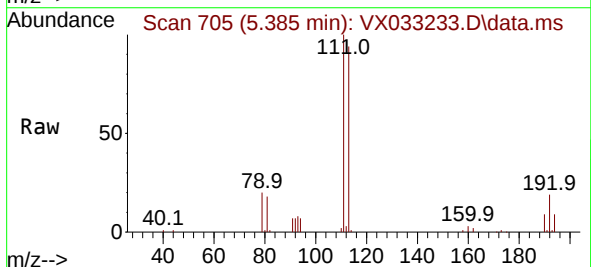
Instrument :
MSVOA_X
ClientSampleId :
PB149407ZHE#08

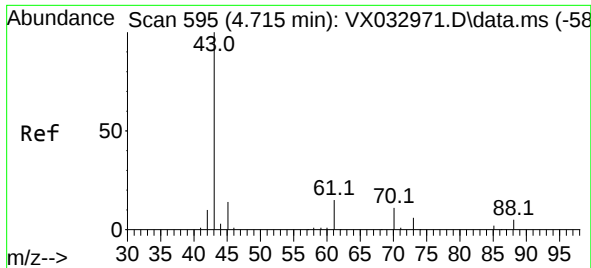
Tgt Ion:114 Resp: 178394
Ion Ratio Lower Upper
114 100
63 19.4 0.0 41.6
88 15.1 0.0 33.4



#35
Dibromofluoromethane
Concen: 47.358 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033233.D
Acq: 05 Dec 2022 18:09

Tgt Ion:113 Resp: 47629
Ion Ratio Lower Upper
113 100
111 101.5 82.4 123.6
192 19.2 15.4 23.2

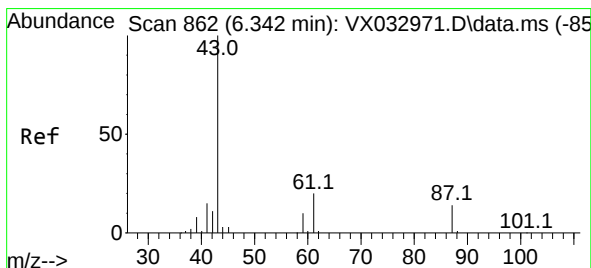
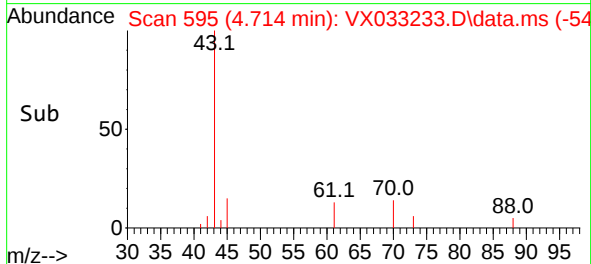
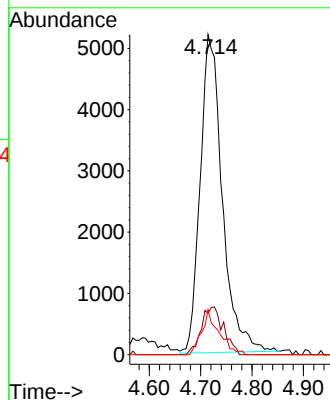
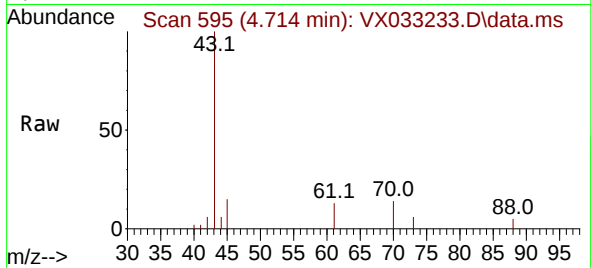




#37
Ethyl Acetate
Concen: 11.070 ug/l
RT: 4.714 min Scan# 595
Delta R.T. -0.001 min
Lab File: VX033233.D
Acq: 05 Dec 2022 18:09

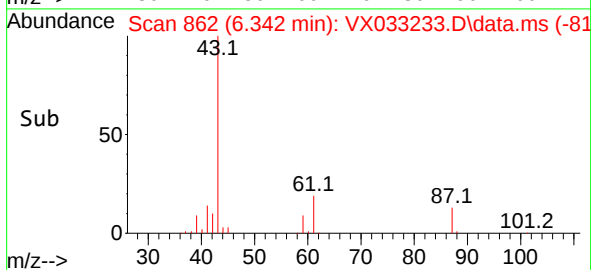
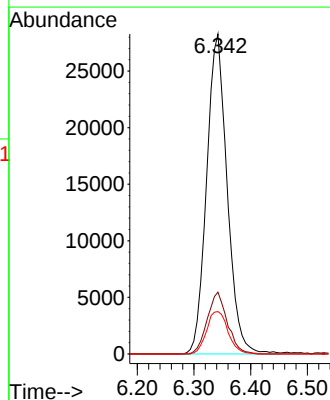
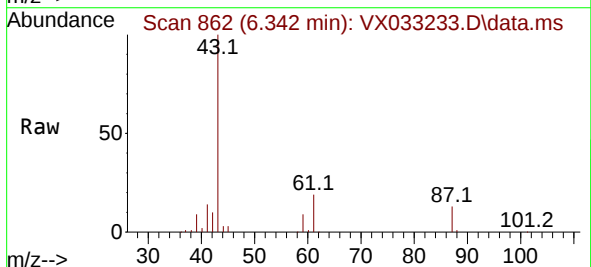
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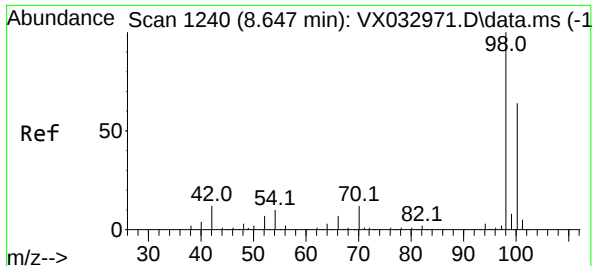
Tgt Ion:	43	Resp:	15531
Ion	Ratio	Lower	Upper
43	100		
61	15.0	11.5	17.3
70	11.0	9.1	13.7



#43
Isopropyl Acetate
Concen: 30.677 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX033233.D
Acq: 05 Dec 2022 18:09

Tgt Ion:	43	Resp:	71178
Ion	Ratio	Lower	Upper
43	100		
61	18.8	15.4	23.0
87	13.8	10.8	16.2





#50

Toluene-d8

Concen: 51.948 ug/l

RT: 8.647 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX033233.D

Acq: 05 Dec 2022 18:09

Instrument :

MSVOA_X

ClientSampleId :

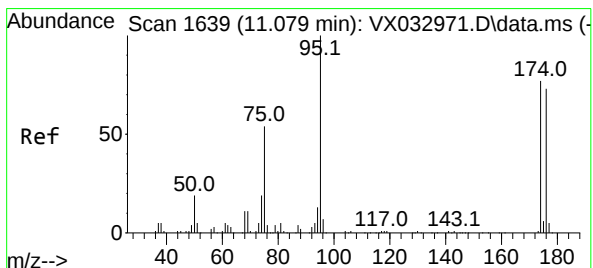
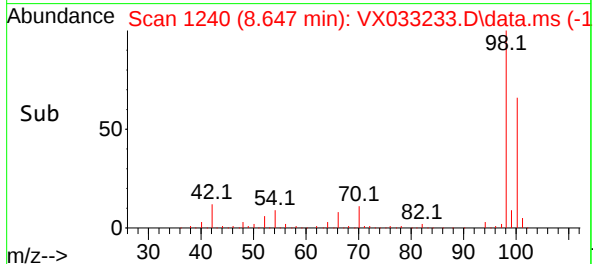
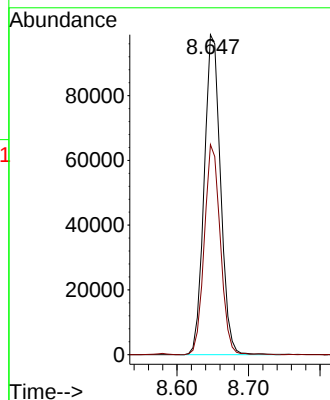
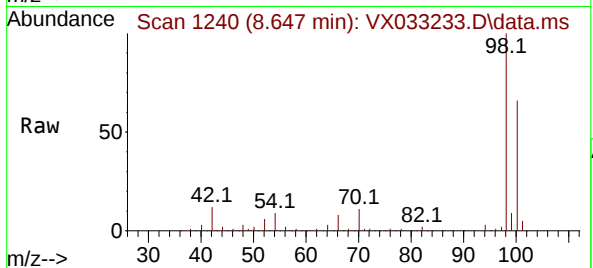
PB149407ZHE#08

Tgt Ion: 98 Resp: 156941

Ion Ratio Lower Upper

98 100

100 64.2 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 44.861 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX033233.D

Acq: 05 Dec 2022 18:09

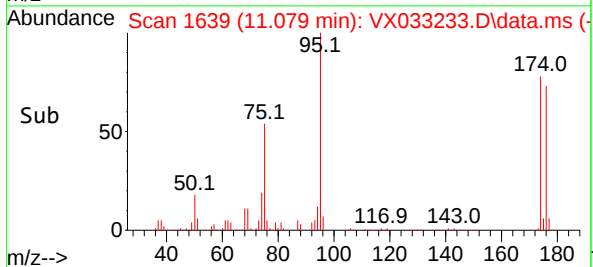
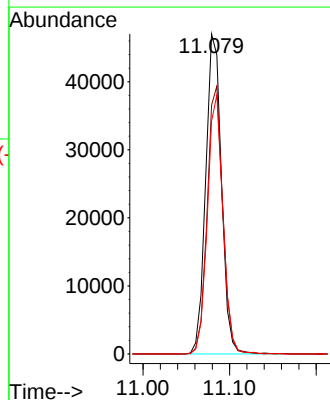
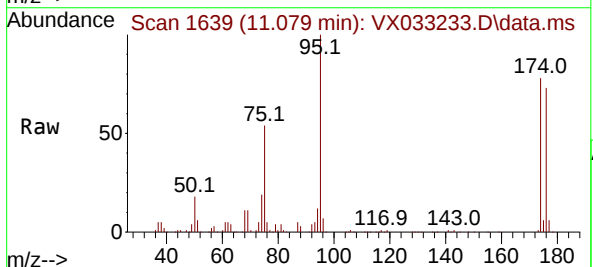
Tgt Ion: 95 Resp: 59267

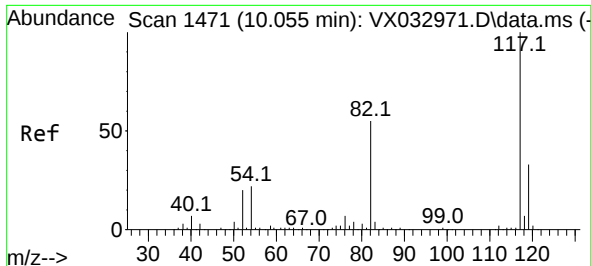
Ion Ratio Lower Upper

95 100

174 83.5 0.0 164.0

176 80.1 0.0 154.4

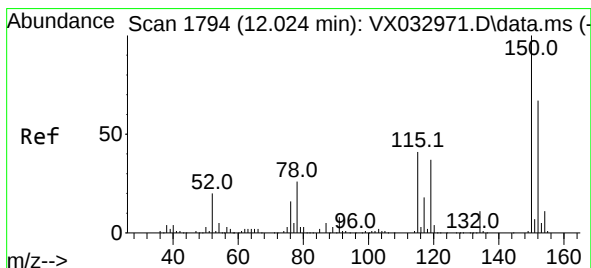
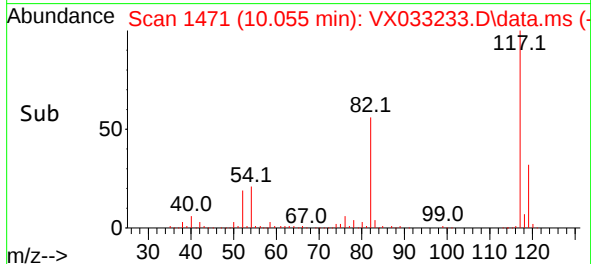
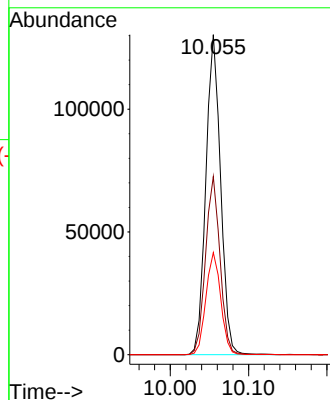
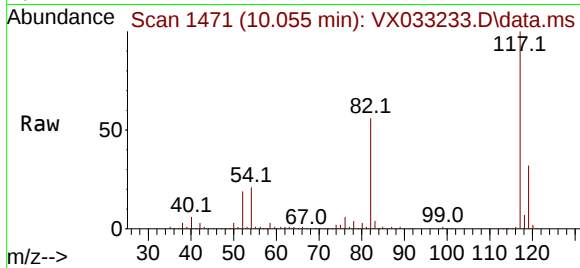




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033233.D
Acq: 05 Dec 2022 18:09

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Tgt Ion:117 Resp: 169737
Ion Ratio Lower Upper
117 100
82 55.6 44.3 66.5
119 31.9 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: VX033233.D
Acq: 05 Dec 2022 18:09

Tgt Ion:152 Resp: 75878
Ion Ratio Lower Upper
152 100
115 59.9 44.0 132.0
150 157.4 0.0 351.8

