

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120222\
 Data File : VX033208.D
 Acq On : 02 Dec 2022 23:52
 Operator : JC/MD
 Sample : PB149377ZHE#02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB149377ZHE#02

Quant Time: Dec 05 01:11:39 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)

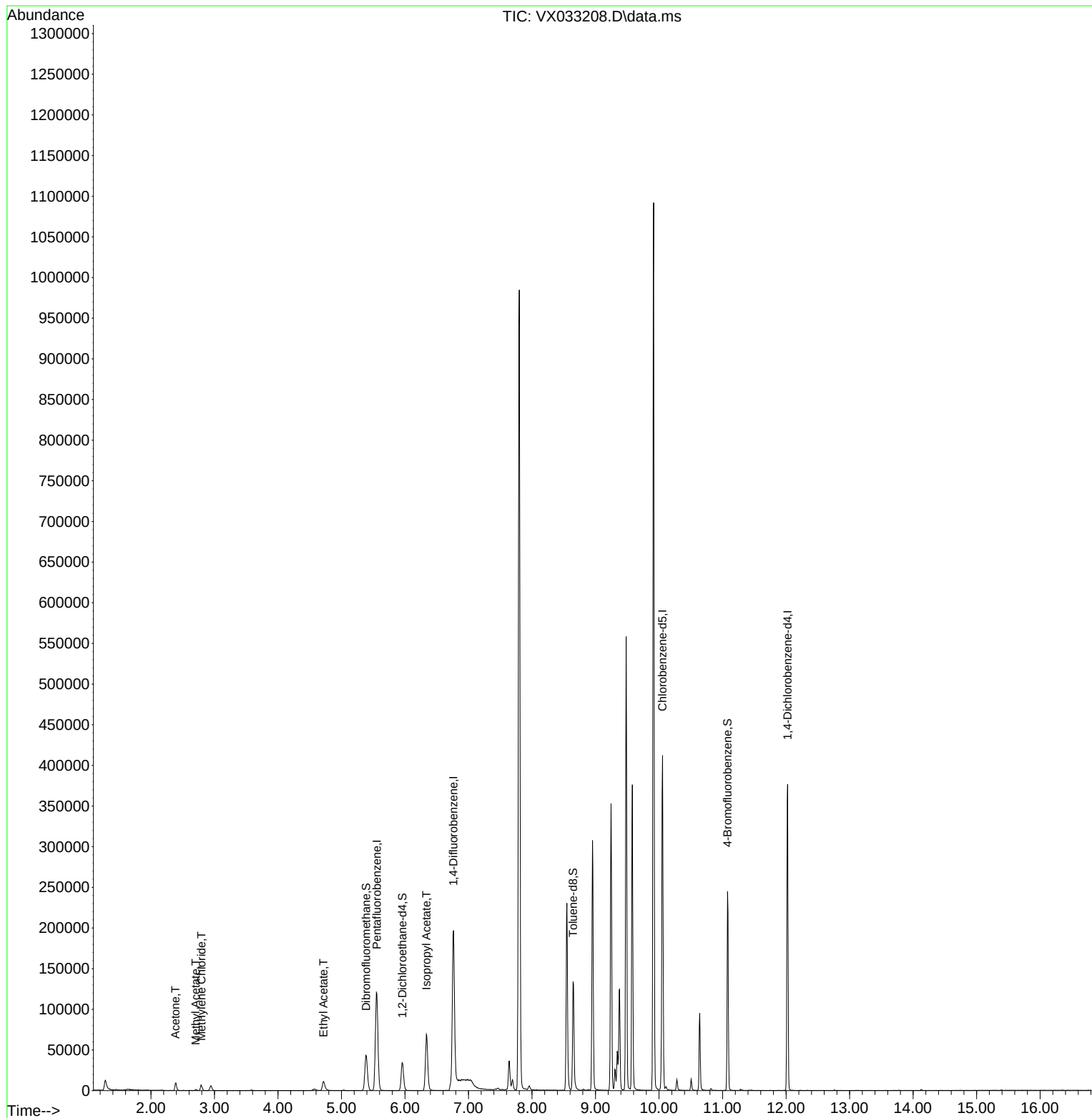
Internal Standards						
1) Pentafluorobenzene	5.556	168	113999	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	191276	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	179389	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78683	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	35923	31.062	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	62.120%#
35) Dibromofluoromethane	5.385	113	37944	35.187	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	70.380%#
50) Toluene-d8	8.647	98	80104	23.547	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	47.100%#
62) 4-Bromofluorobenzene	11.079	95	62697	44.261	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.520%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	11912	22.975	ug/l	100
18) Methyl Acetate	2.703	43	1690	1.178	ug/l	93
20) Methylene Chloride	2.794	84	3581	2.076	ug/l	87
37) Ethyl Acetate	4.715	43	19809	13.168	ug/l	99
43) Isopropyl Acetate	6.336	43	92803	37.303	ug/l	99

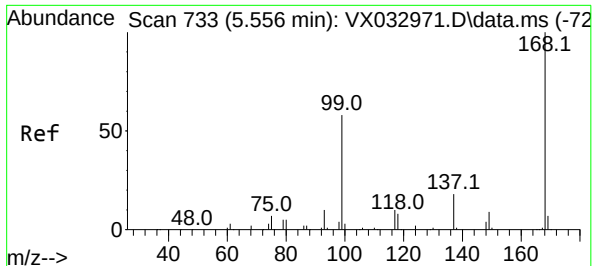
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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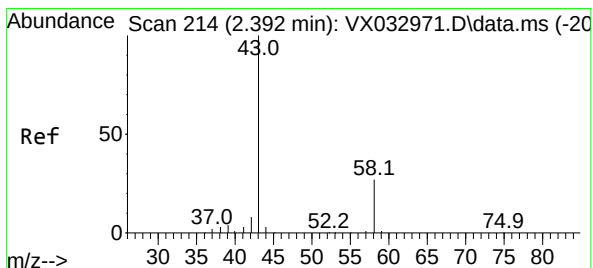
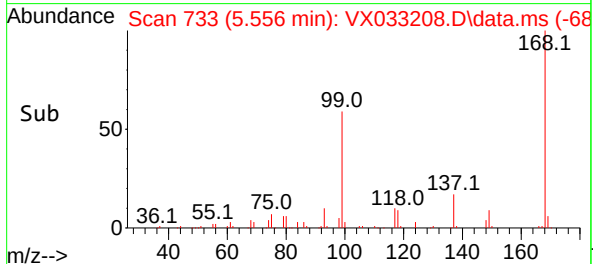
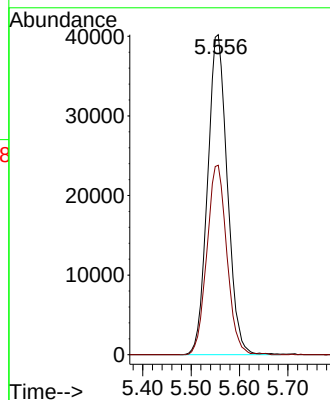
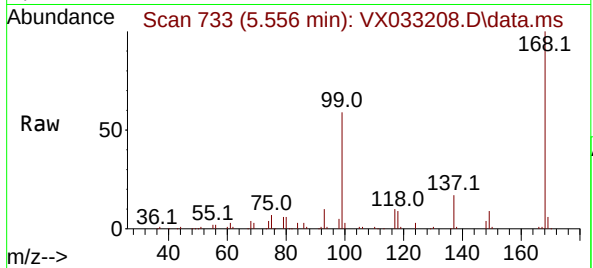




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033208.D
Acq: 02 Dec 2022 23:52

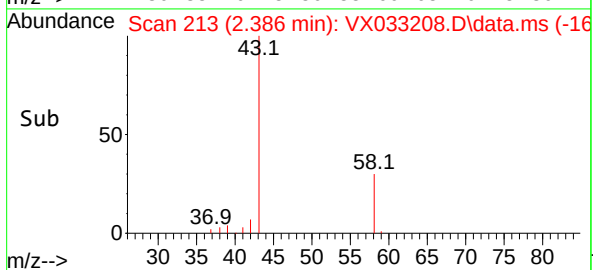
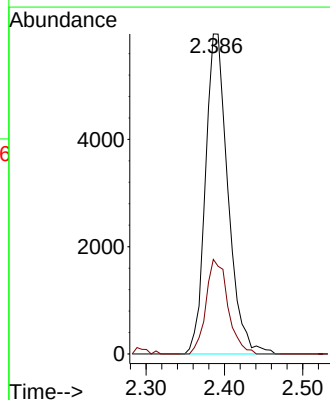
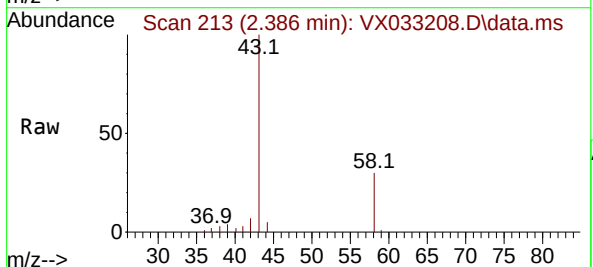
Instrument :
MSVOA_X
ClientSampleId :
PB149377ZHE#02

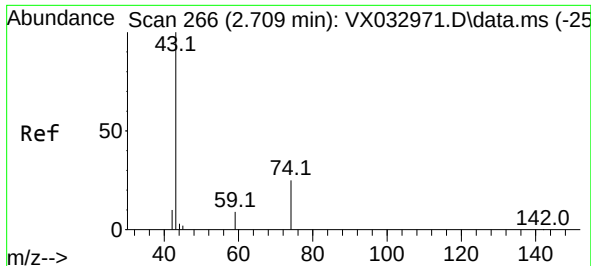
Tgt Ion:168 Resp: 113999
Ion Ratio Lower Upper
168 100
99 59.2 46.1 69.1



#16
Acetone
Concen: 22.975 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX033208.D
Acq: 02 Dec 2022 23:52

Tgt Ion: 43 Resp: 11912
Ion Ratio Lower Upper
43 100
58 29.5 23.8 35.8

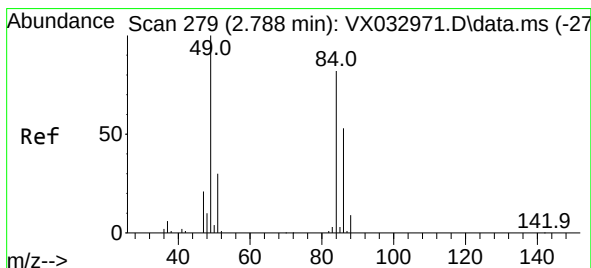
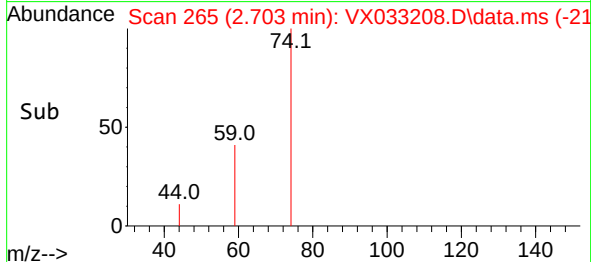
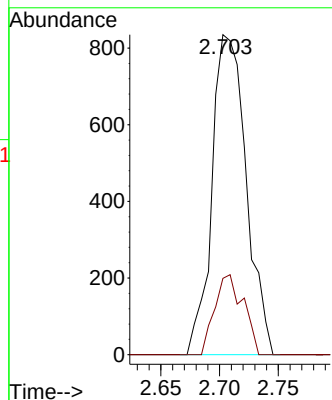
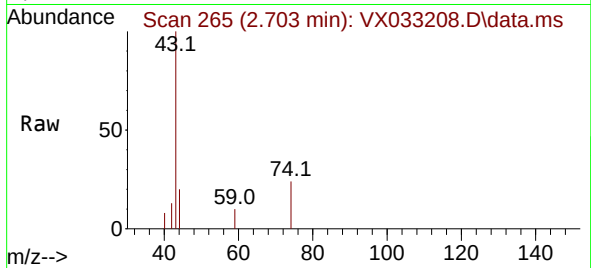




#18
Methyl Acetate
Concen: 1.178 ug/l
RT: 2.703 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX033208.D
Acq: 02 Dec 2022 23:52

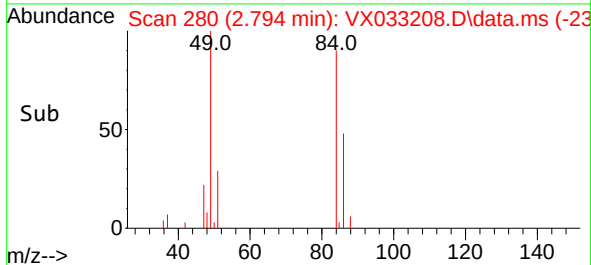
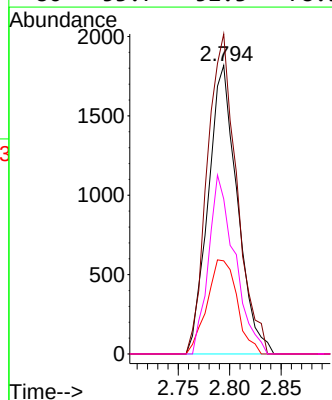
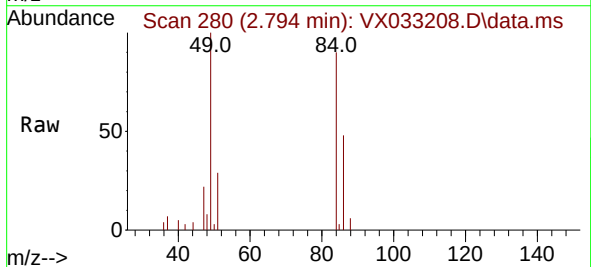
Instrument :
MSVOA_X
ClientSampleId :
PB149377ZHE#02

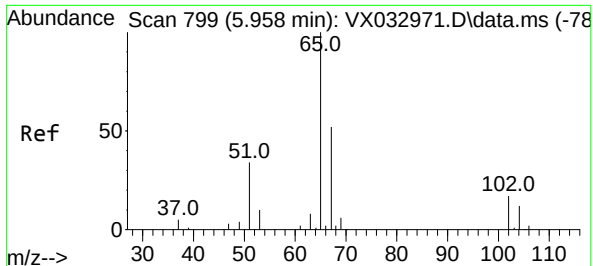
Tgt Ion: 43 Resp: 1690
Ion Ratio Lower Upper
43 100
74 20.9 19.4 29.0



#20
Methylene Chloride
Concen: 2.076 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX033208.D
Acq: 02 Dec 2022 23:52

Tgt Ion: 84 Resp: 3581
Ion Ratio Lower Upper
84 100
49 110.9 101.0 151.6
51 32.3 31.1 46.7
86 53.7 52.3 78.5





#33

1,2-Dichloroethane-d4

Concen: 31.062 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033208.D

Acq: 02 Dec 2022 23:52

Instrument :

MSVOA_X

ClientSampleId :

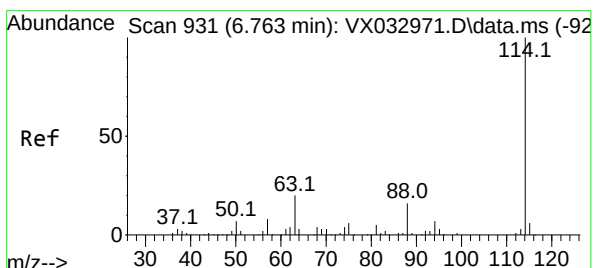
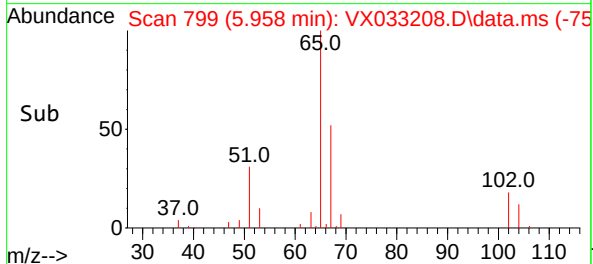
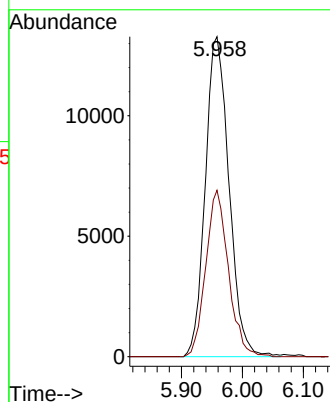
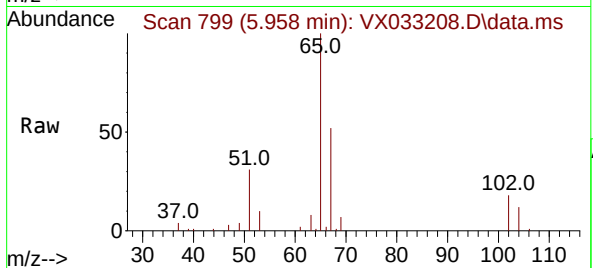
PB149377ZHE#02

Tgt Ion: 65 Resp: 35923

Ion Ratio Lower Upper

65 100

67 49.8 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX033208.D

Acq: 02 Dec 2022 23:52

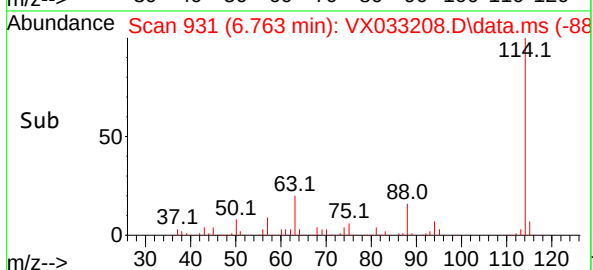
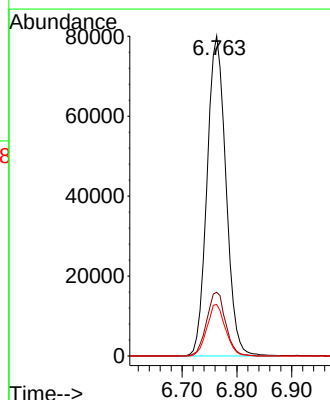
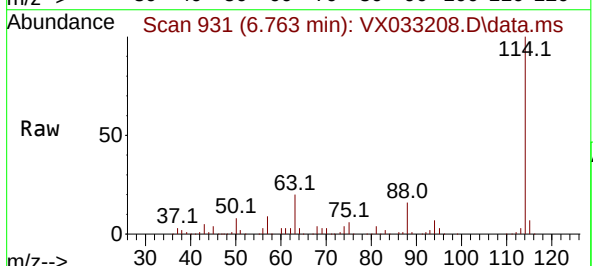
Tgt Ion: 114 Resp: 191276

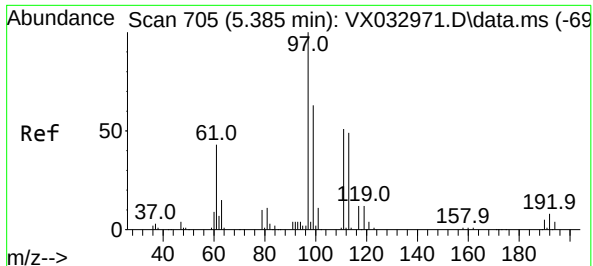
Ion Ratio Lower Upper

114 100

63 19.9 0.0 41.6

88 16.1 0.0 33.4

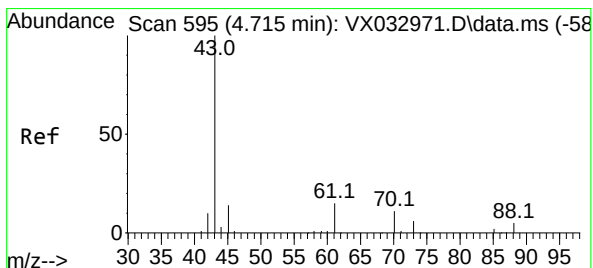
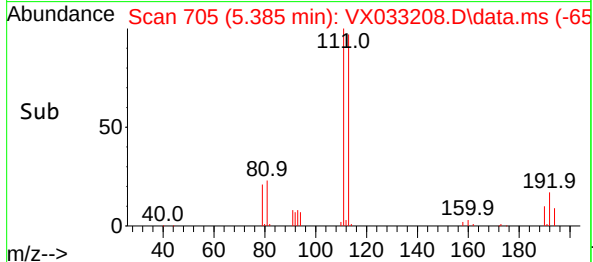
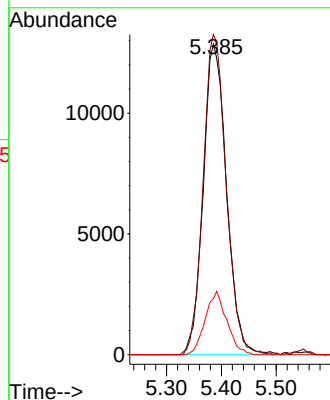
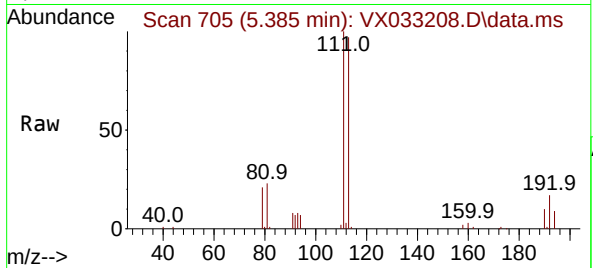




#35
Dibromofluoromethane
Concen: 35.187 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033208.D
Acq: 02 Dec 2022 23:52

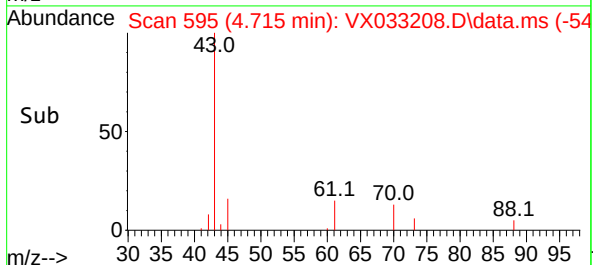
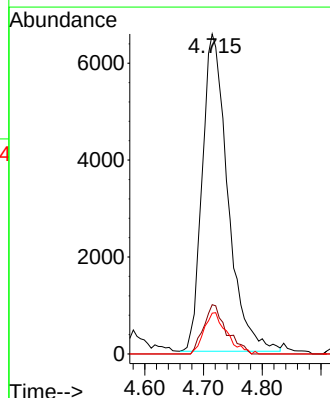
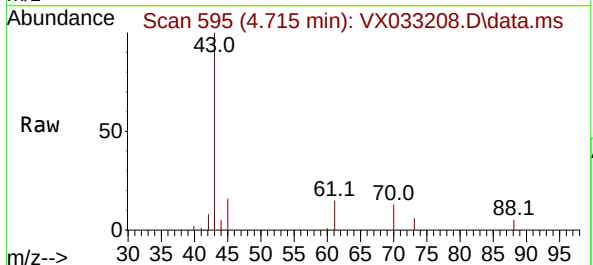
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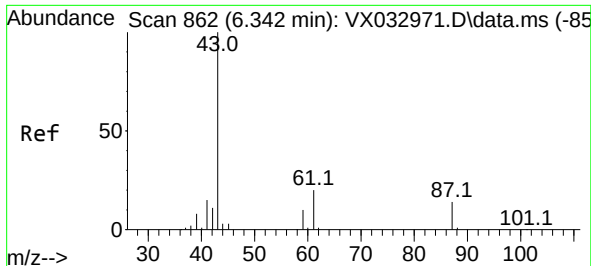
Tgt Ion:113 Resp: 37944
Ion Ratio Lower Upper
113 100
111 102.0 82.4 123.6
192 18.9 15.4 23.2



#37
Ethyl Acetate
Concen: 13.168 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX033208.D
Acq: 02 Dec 2022 23:52

Tgt Ion: 43 Resp: 19809
Ion Ratio Lower Upper
43 100
61 13.9 11.5 17.3
70 11.7 9.1 13.7

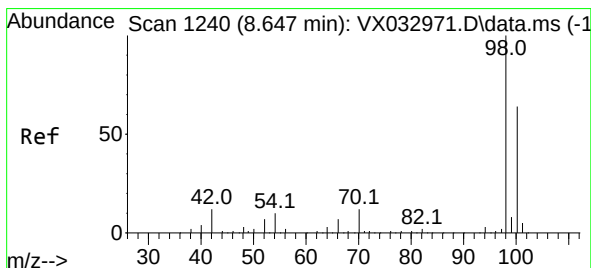
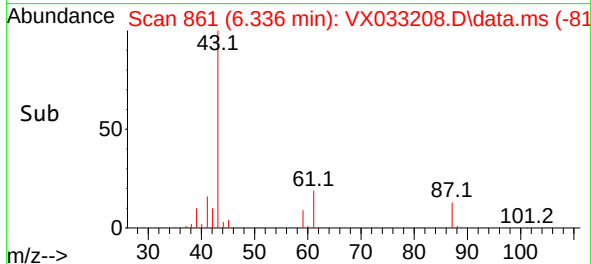
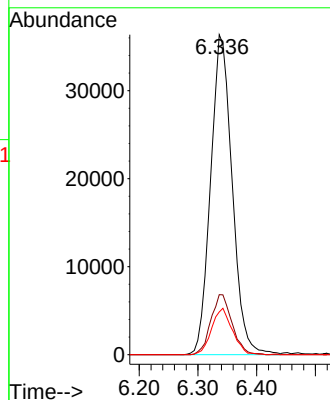
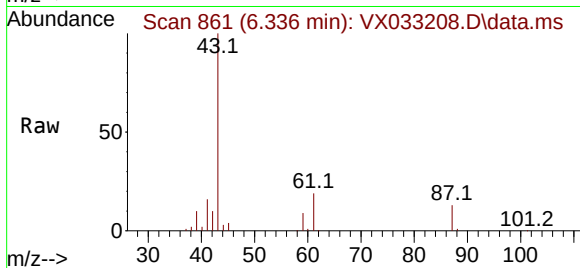




#43
Isopropyl Acetate
Concen: 37.303 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX033208.D
Acq: 02 Dec 2022 23:52

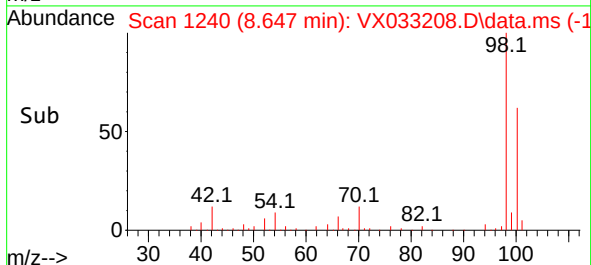
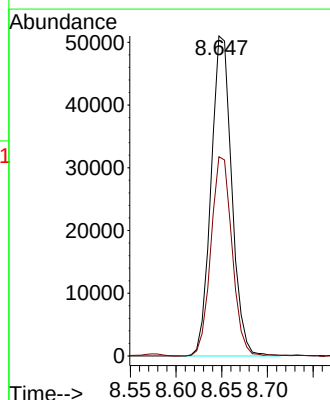
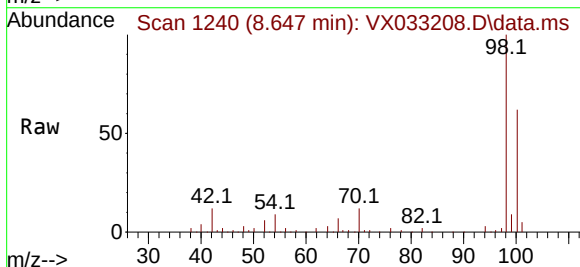
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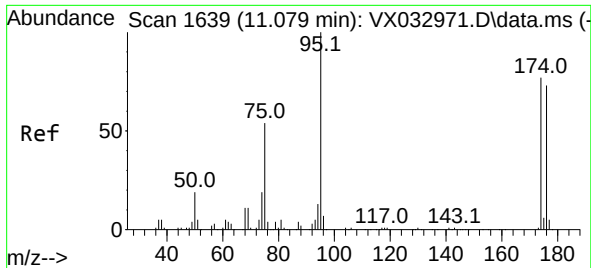
Tgt Ion: 43 Resp: 92803
Ion Ratio Lower Upper
43 100
61 18.4 15.4 23.0
87 13.9 10.8 16.2



#50
Toluene-d8
Concen: 23.547 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033208.D
Acq: 02 Dec 2022 23:52

Tgt Ion: 98 Resp: 80104
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3

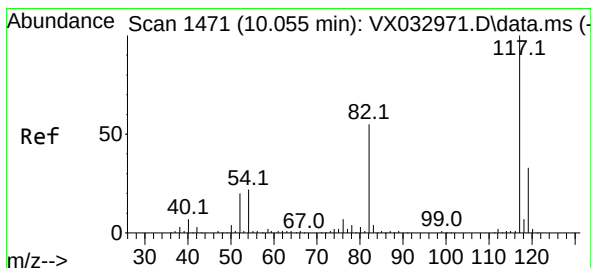
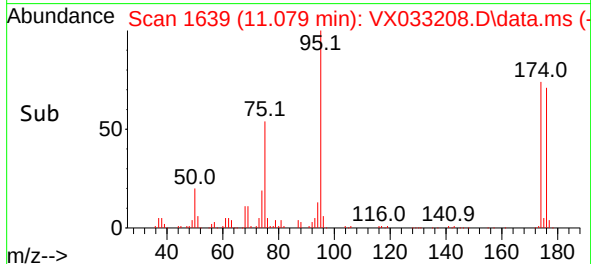
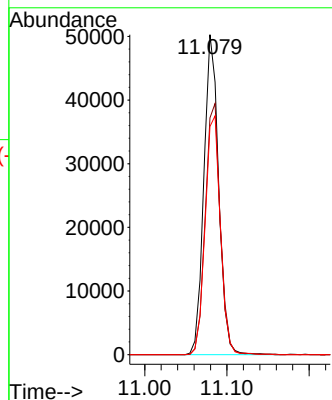
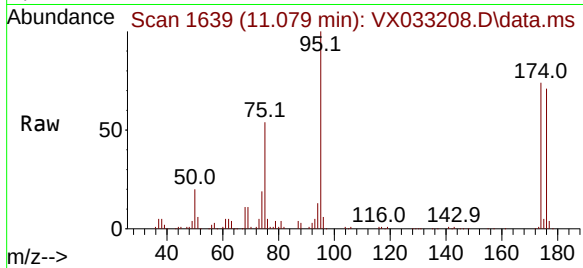




#62
4-Bromofluorobenzene
Concen: 44.261 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033208.D
Acq: 02 Dec 2022 23:52

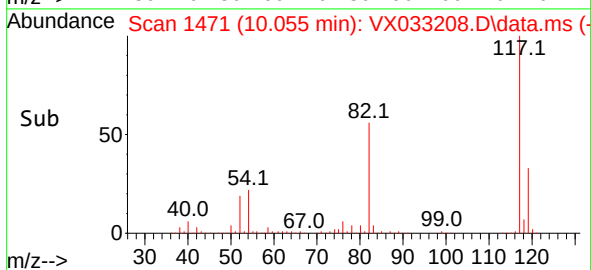
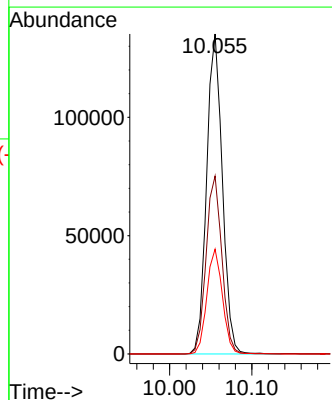
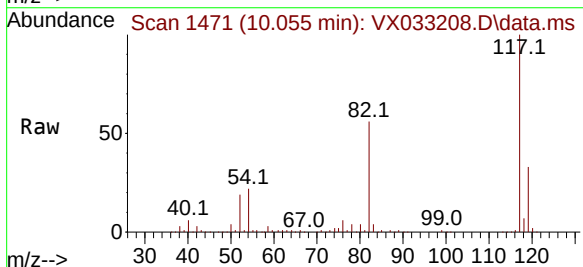
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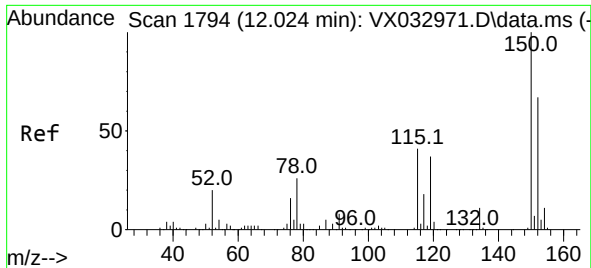
Tgt Ion: 95 Resp: 62697
Ion Ratio Lower Upper
95 100
174 80.2 0.0 164.0
176 77.2 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033208.D
Acq: 02 Dec 2022 23:52

Tgt Ion: 117 Resp: 179389
Ion Ratio Lower Upper
117 100
82 55.6 44.3 66.5
119 32.8 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX033208.D

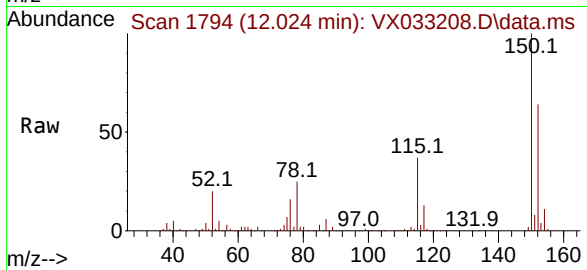
Acq: 02 Dec 2022 23:52

Instrument :

MSVOA_X

ClientSampleId :

PB149377ZHE#02



Tgt Ion:152 Resp: 78683

Ion Ratio Lower Upper

152 100

115 61.1 44.0 132.0

150 157.1 0.0 351.8

