

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010623\
 Data File : VX033625.D
 Acq On : 06 Jan 2023 13:05
 Operator : JC/MD
 Sample : PB050057ZHE#02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB050057ZHE#02

Quant Time: Jan 07 04:23:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010423W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 05 04:43:25 2023
 Response via : Initial Calibration

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

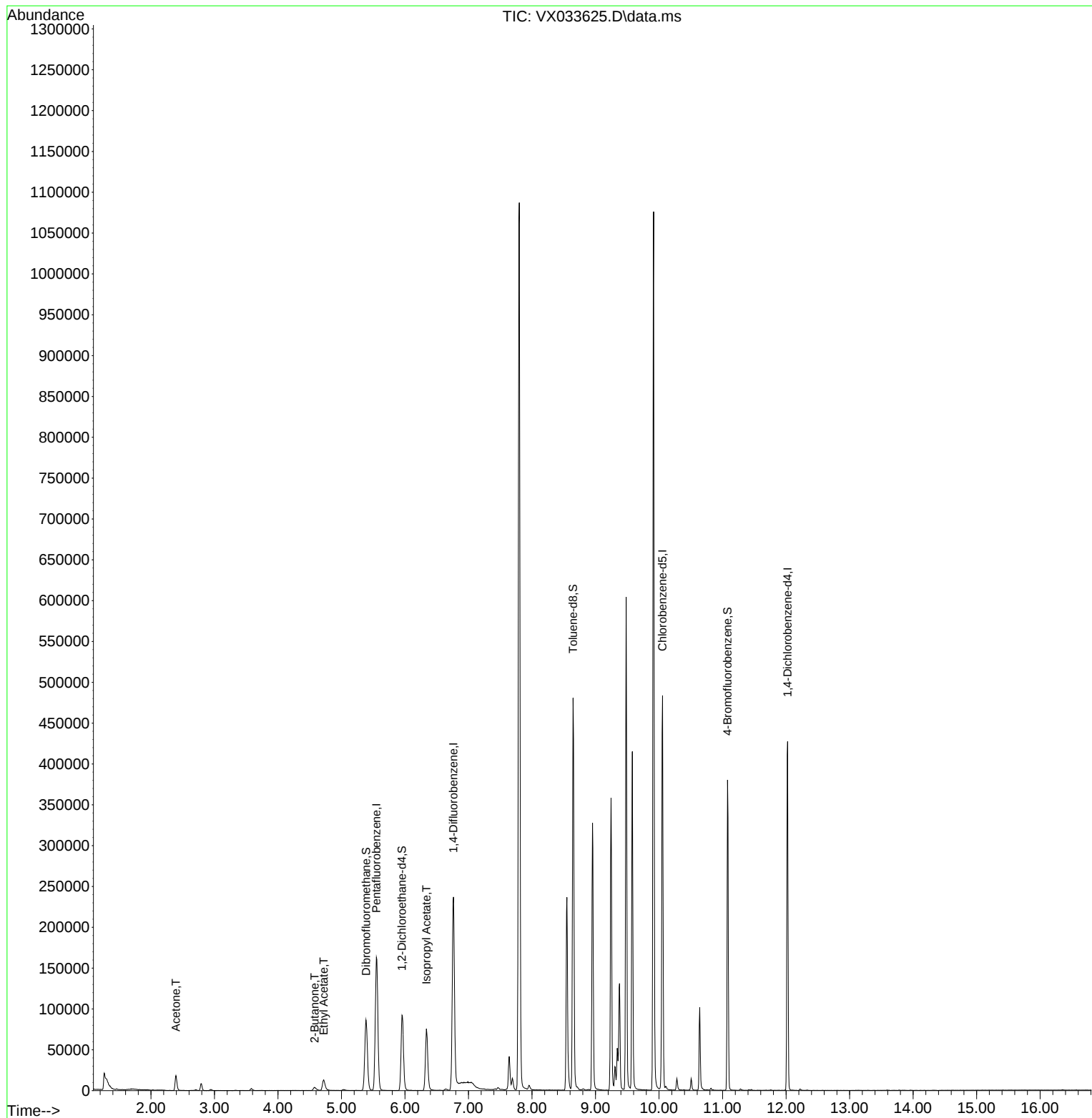
Internal Standards						
1) Pentafluorobenzene	5.550	168	167121	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	242320	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	216060	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96031	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	92160	48.850	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.700%
35) Dibromofluoromethane	5.385	113	75779	47.578	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.160%
50) Toluene-d8	8.647	98	280858	49.335	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.680%
62) 4-Bromofluorobenzene	11.079	95	97387	48.262	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.520%
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	24458	26.263	ug/l	100
25) 2-Butanone	4.574	43	7166	5.817	ug/l	98
37) Ethyl Acetate	4.720	43	24865	8.644	ug/l	100
43) Isopropyl Acetate	6.336	43	105726	28.662	ug/l	99

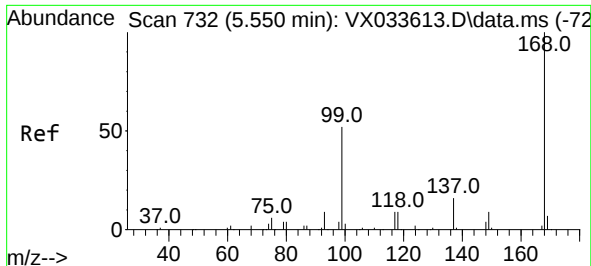
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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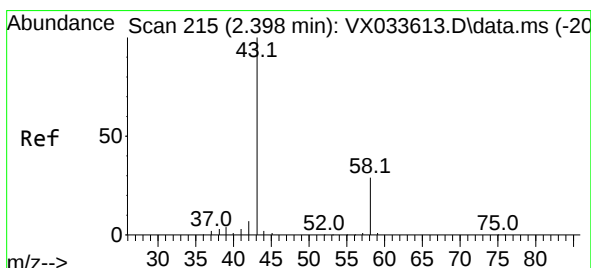
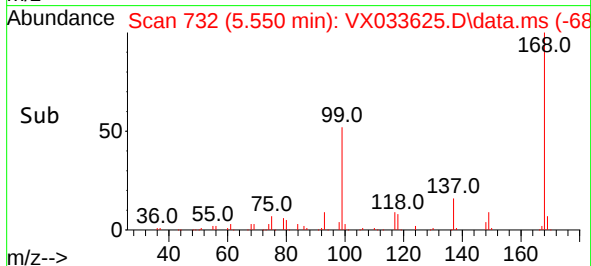
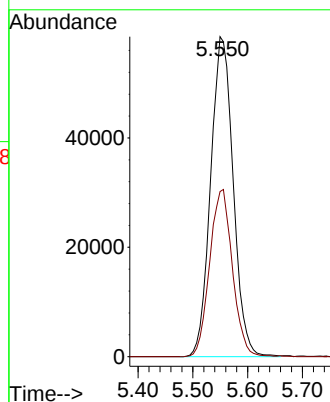
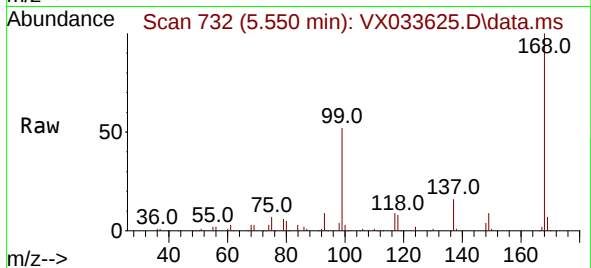




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033625.D
Acq: 06 Jan 2023 13:05

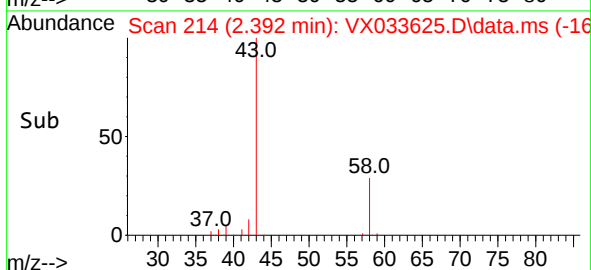
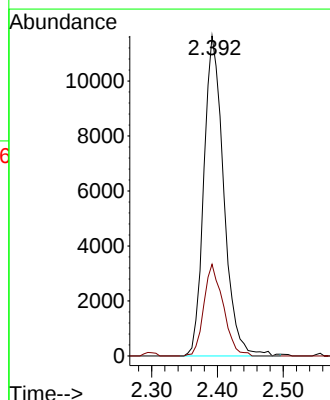
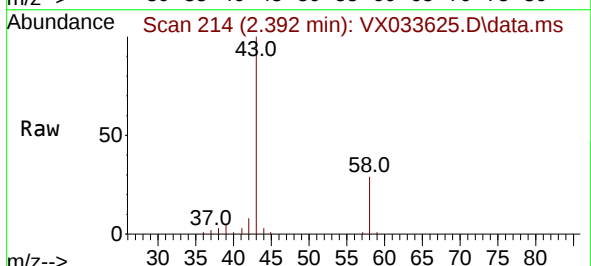
Instrument :
MSVOA_X
ClientSampleId :
PB050057ZHE#02

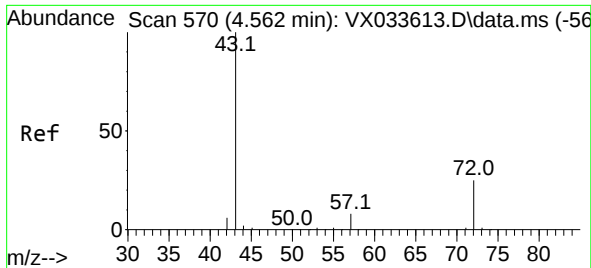
Tgt Ion:168 Resp: 167121
Ion Ratio Lower Upper
168 100
99 51.6 41.4 62.2



#16
Acetone
Concen: 26.263 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX033625.D
Acq: 06 Jan 2023 13:05

Tgt Ion: 43 Resp: 24458
Ion Ratio Lower Upper
43 100
58 28.6 22.9 34.3

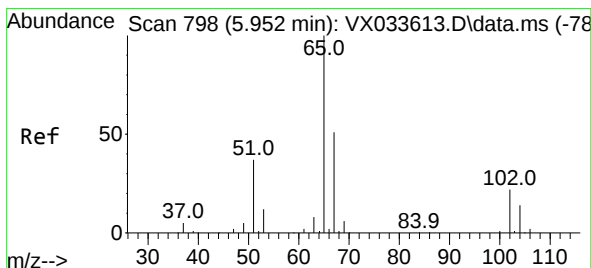
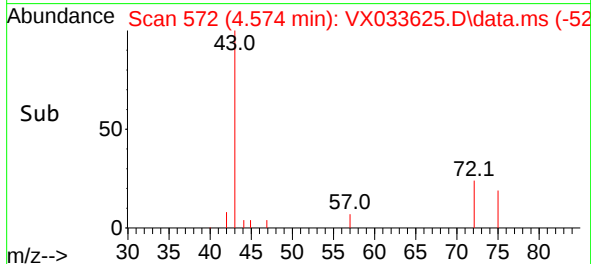
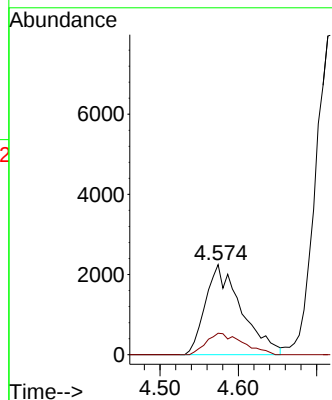
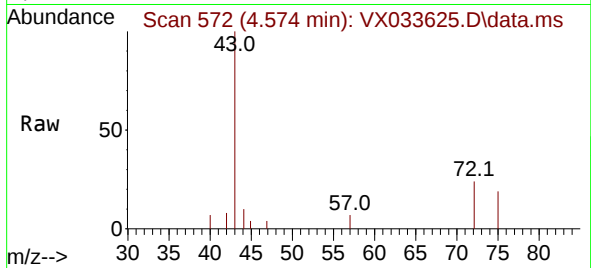




#25
2-Butanone
Concen: 5.817 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX033625.D
Acq: 06 Jan 2023 13:05

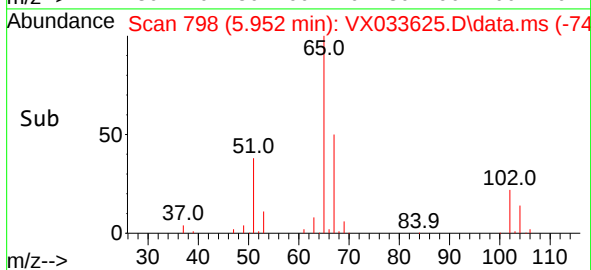
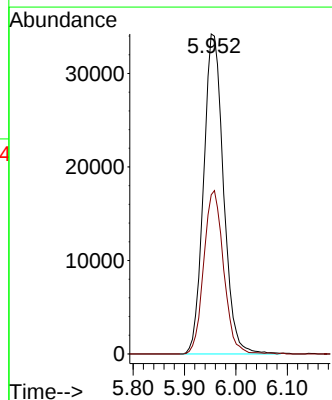
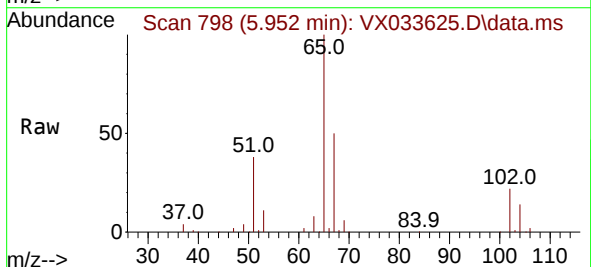
Instrument :
MSVOA_X
ClientSampleId :
PB050057ZHE#02

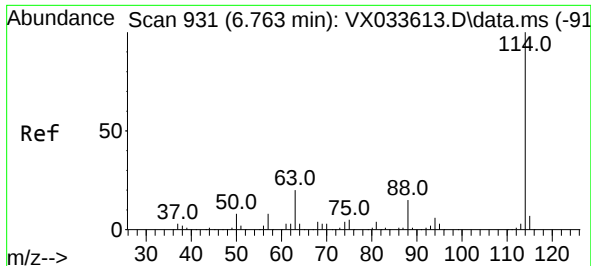
Tgt Ion: 43 Resp: 7166
Ion Ratio Lower Upper
43 100
72 23.8 19.8 29.6



#33
1,2-Dichloroethane-d4
Concen: 48.850 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX033625.D
Acq: 06 Jan 2023 13:05

Tgt Ion: 65 Resp: 92160
Ion Ratio Lower Upper
65 100
67 50.8 0.0 104.8

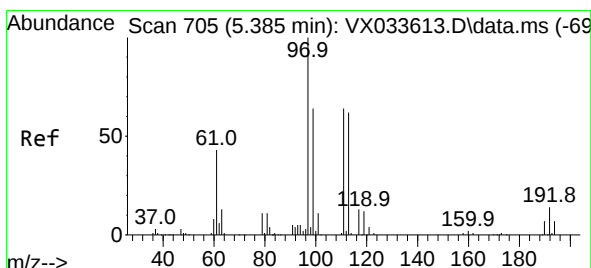
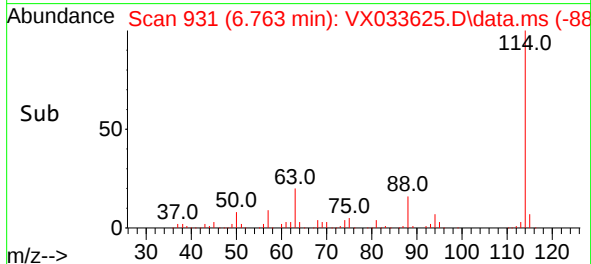
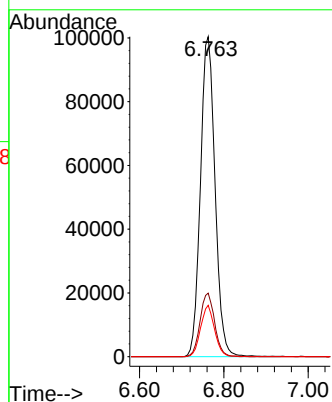
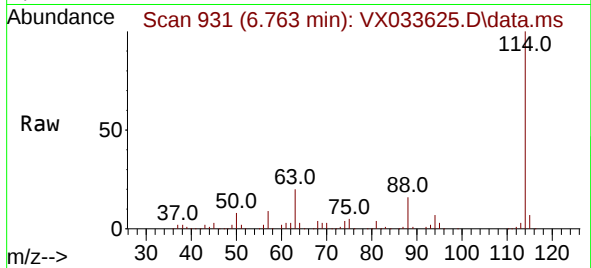




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX033625.D
Acq: 06 Jan 2023 13:05

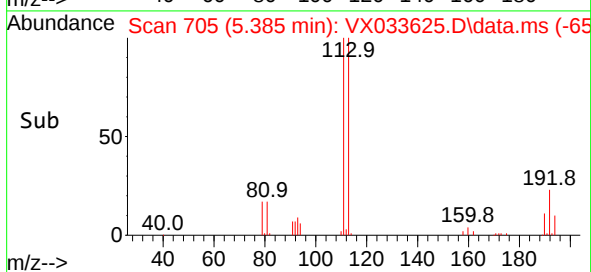
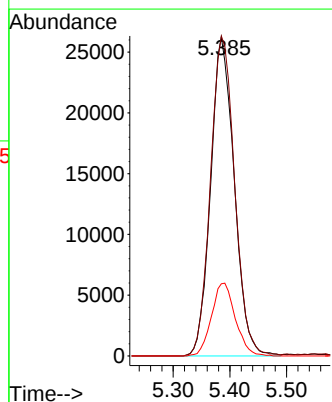
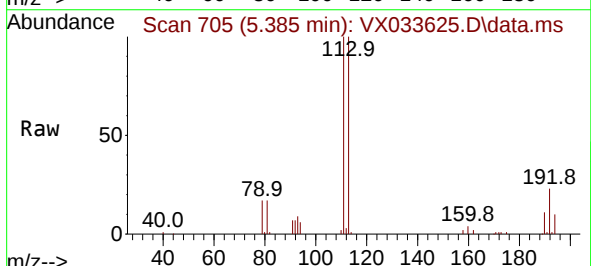
Instrument :
MSVOA_X
ClientSampleId :
PB050057ZHE#02

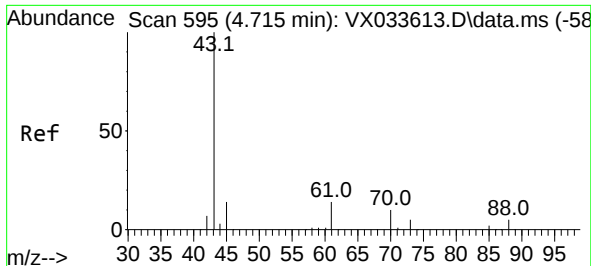
Tgt Ion:114 Resp: 242320
Ion Ratio Lower Upper
114 100
63 19.9 0.0 40.0
88 16.1 0.0 29.6



#35
Dibromofluoromethane
Concen: 47.578 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033625.D
Acq: 06 Jan 2023 13:05

Tgt Ion:113 Resp: 75779
Ion Ratio Lower Upper
113 100
111 102.8 81.2 121.8
192 23.1 18.2 27.2





#37

Ethyl Acetate

Concen: 8.644 ug/l

RT: 4.720 min Scan# 595

Delta R.T. 0.005 min

Lab File: VX033625.D

Acq: 06 Jan 2023 13:05

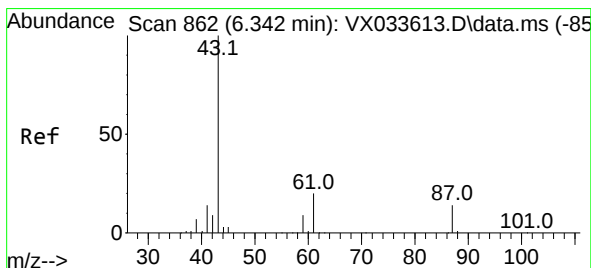
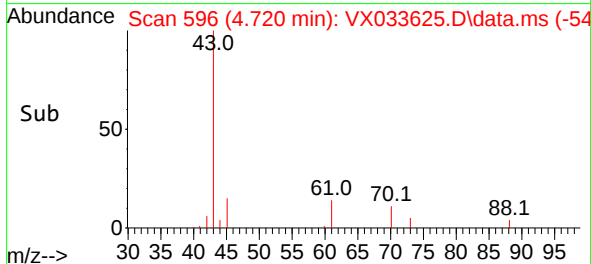
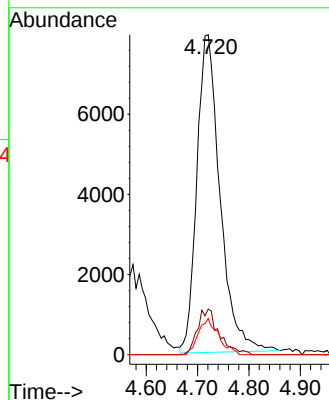
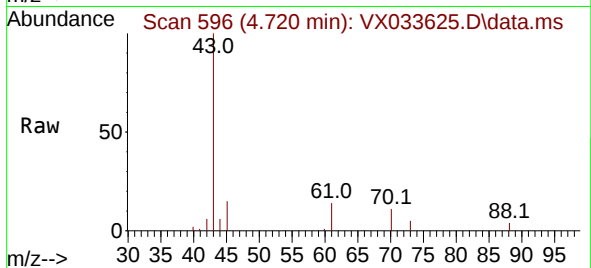
Instrument :

MSVOA_X

ClientSampleId :

PB050057ZHE#02

Tgt Ion: 43	Resp: 24865
Ion Ratio	Lower Upper
43	100
61	13.4 10.6 16.0
70	10.0 8.1 12.1



#43

Isopropyl Acetate

Concen: 28.662 ug/l

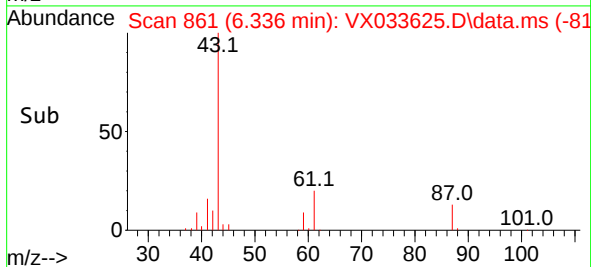
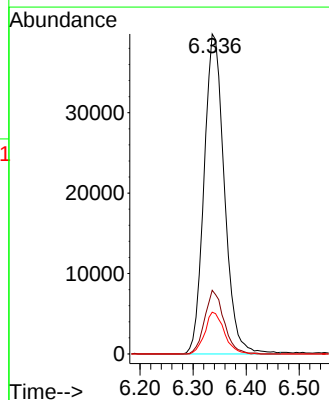
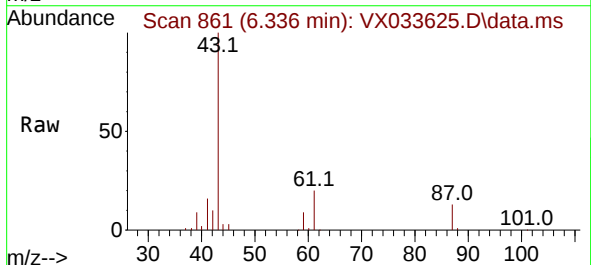
RT: 6.336 min Scan# 861

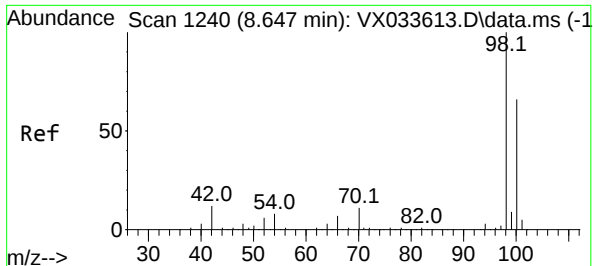
Delta R.T. -0.006 min

Lab File: VX033625.D

Acq: 06 Jan 2023 13:05

Tgt Ion: 43	Resp: 105726
Ion Ratio	Lower Upper
43	100
61	18.9 15.2 22.8
87	12.5 10.6 16.0





#50

Toluene-d8

Concen: 49.335 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX033625.D

Acq: 06 Jan 2023 13:05

Instrument :

MSVOA_X

ClientSampleId :

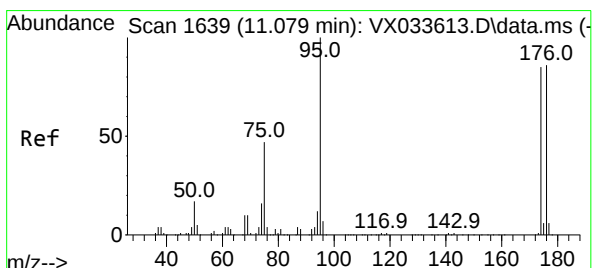
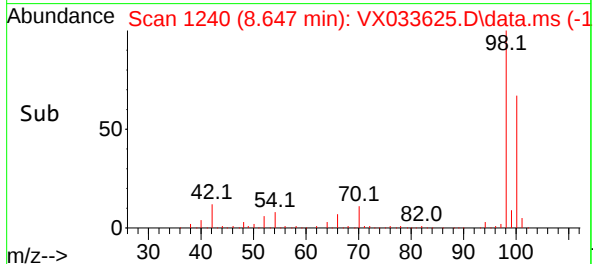
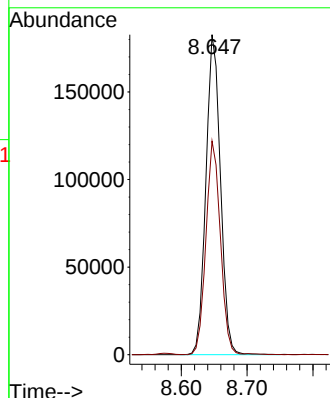
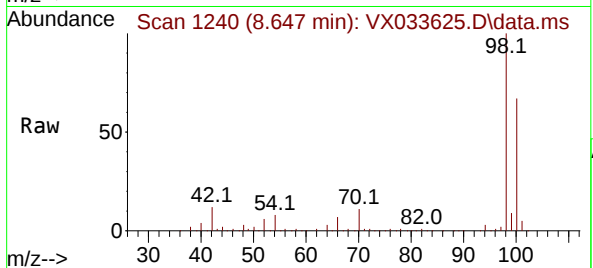
PB050057ZHE#02

Tgt Ion: 98 Resp: 280858

Ion Ratio Lower Upper

98 100

100 66.4 53.6 80.4



#62

4-Bromofluorobenzene

Concen: 48.262 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX033625.D

Acq: 06 Jan 2023 13:05

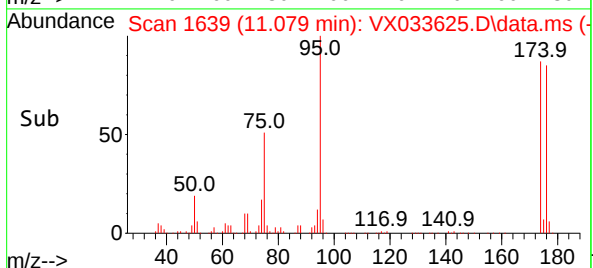
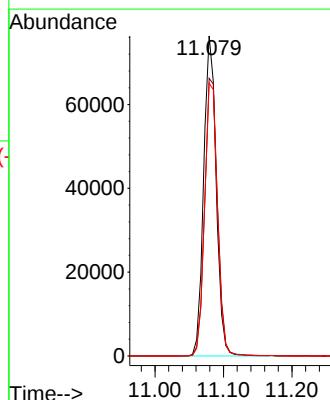
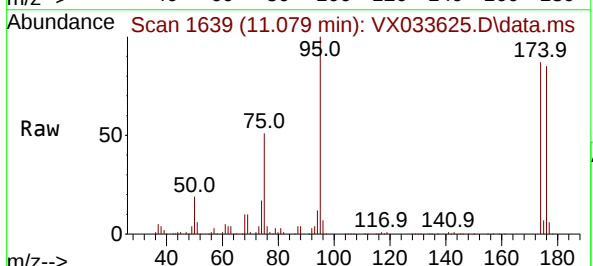
Tgt Ion: 95 Resp: 97387

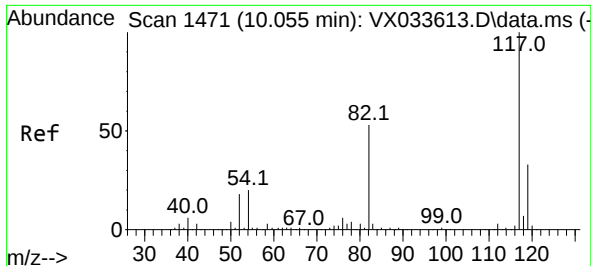
Ion Ratio Lower Upper

95 100

174 89.6 0.0 180.4

176 87.5 0.0 176.2

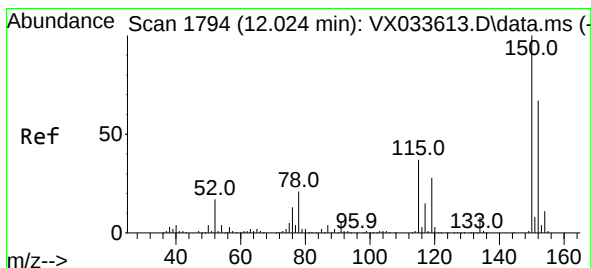
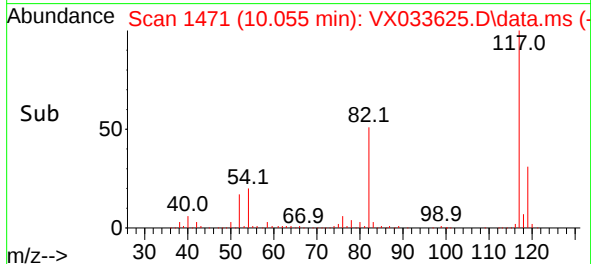
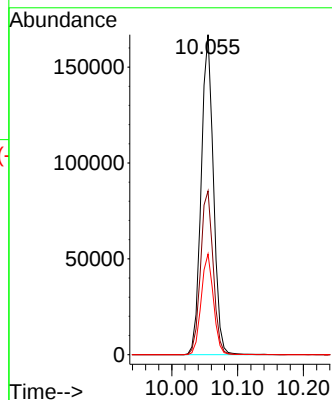
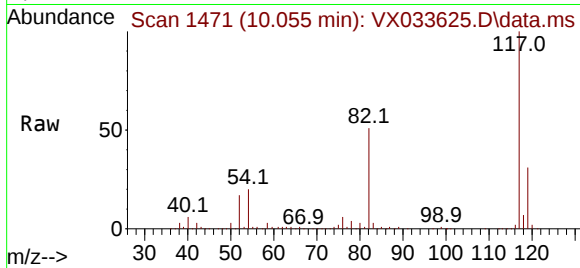




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033625.D
Acq: 06 Jan 2023 13:05

Instrument :
MSVOA_X
ClientSampleId :
PB050057ZHE#02

Tgt Ion:117 Resp: 216060
Ion Ratio Lower Upper
117 100
82 51.1 42.2 63.2
119 31.4 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033625.D
Acq: 06 Jan 2023 13:05

Tgt Ion:152 Resp: 96031
Ion Ratio Lower Upper
152 100
115 55.6 38.5 115.5
150 157.2 0.0 340.4

