

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031723\
 Data File : VX034592.D
 Acq On : 17 Mar 2023 18:19
 Operator : JC/MD
 Sample : PB151466ZHE#13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB151466ZHE#13

Quant Time: Mar 20 00:06:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

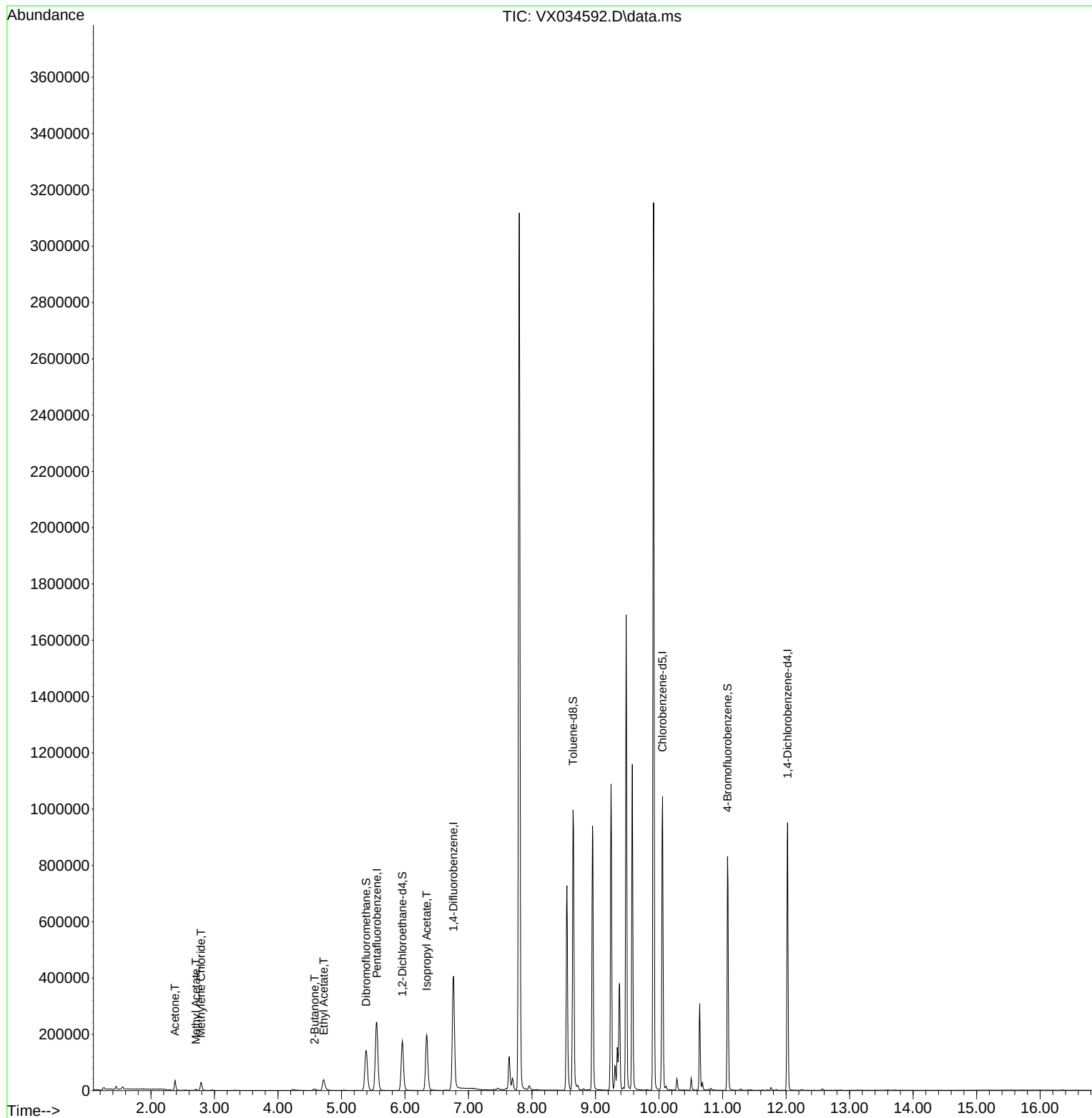
Internal Standards						
1) Pentafluorobenzene	5.556	168	229668	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.763	114	396808	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	426597	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	190354	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	161254	48.262	ug/l	0.01
Spiked Amount	50.000	Range 78 - 117	Recovery	=	96.520%	
35) Dibromofluoromethane	5.385	113	125413	47.869	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	95.740%	
50) Toluene-d8	8.647	98	571964	58.481	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	116.960%#	
62) 4-Bromofluorobenzene	11.079	95	224969	56.947	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	113.900%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	35183	22.354	ug/l	99
18) Methyl Acetate	2.709	43	5235	1.018	ug/l	95
20) Methylene Chloride	2.788	84	12571	4.115	ug/l	96
25) 2-Butanone	4.574	43	11565	5.135	ug/l	95
37) Ethyl Acetate	4.721	43	68722	15.632	ug/l	98
43) Isopropyl Acetate	6.342	43	276802	37.168	ug/l	99

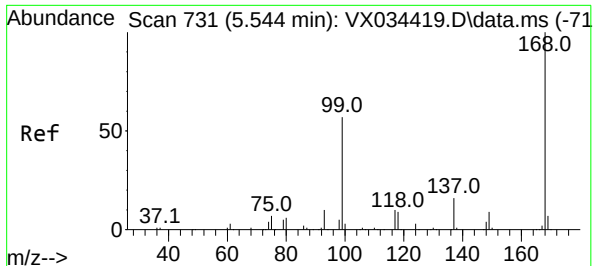
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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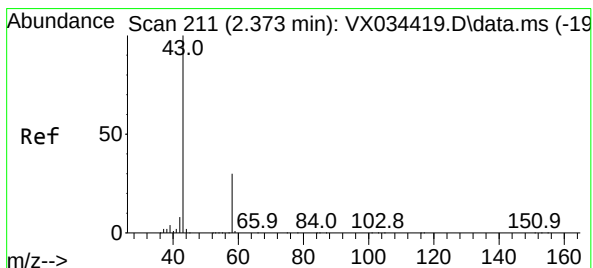
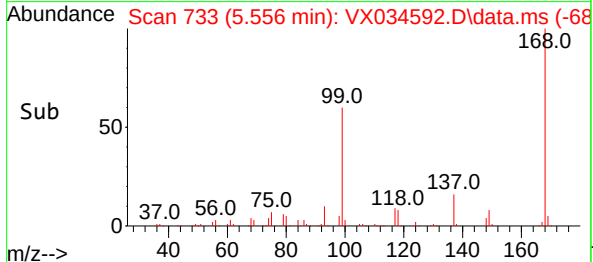
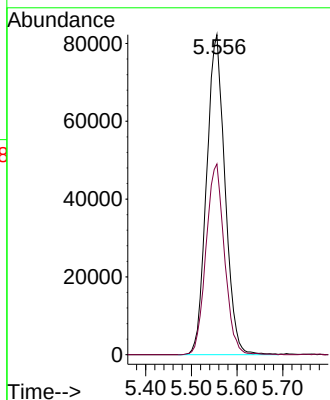
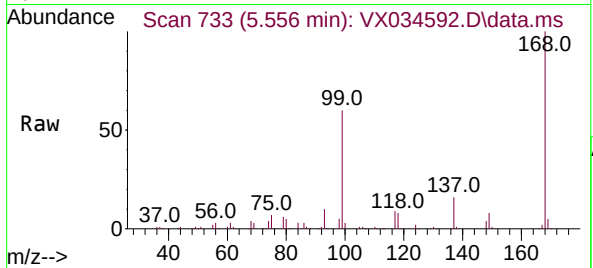




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.012 min
Lab File: VX034592.D
Acq: 17 Mar 2023 18:19

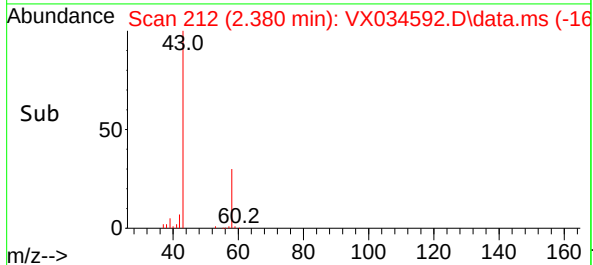
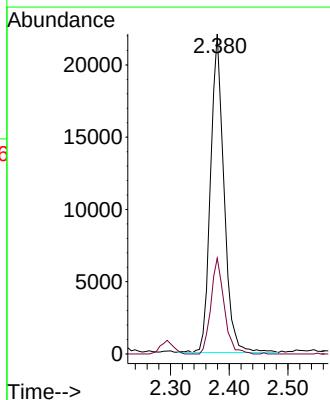
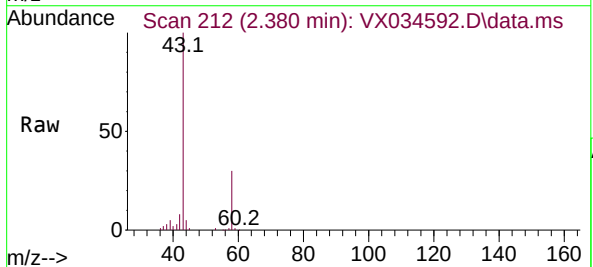
Instrument :
MSVOA_X
ClientSampleId :
PB151466ZHE#13

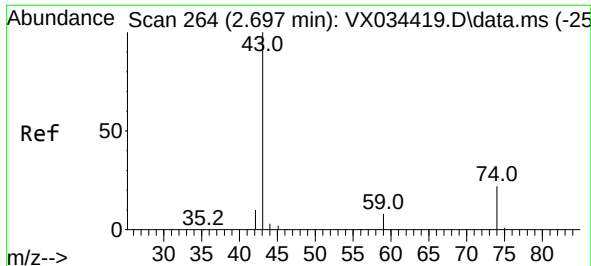
Tgt Ion:168 Resp: 229668
Ion Ratio Lower Upper
168 100
99 59.6 45.7 68.5



#16
Acetone
Concen: 22.354 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX034592.D
Acq: 17 Mar 2023 18:19

Tgt Ion: 43 Resp: 35183
Ion Ratio Lower Upper
43 100
58 30.1 24.7 37.1

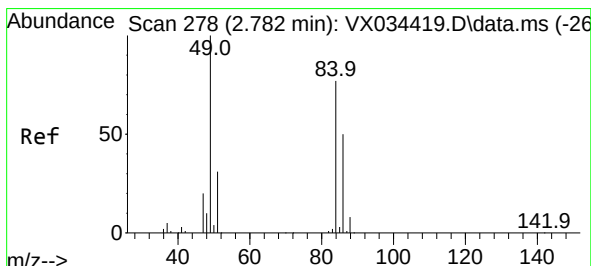
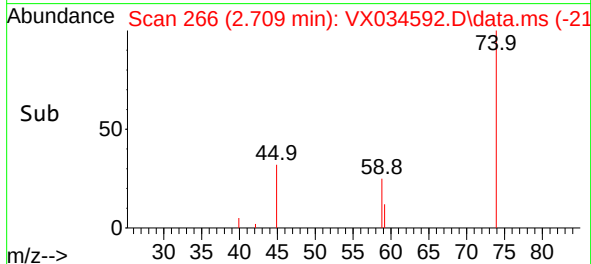
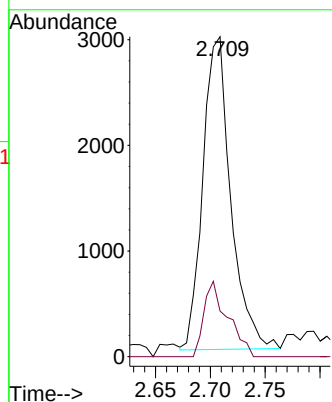
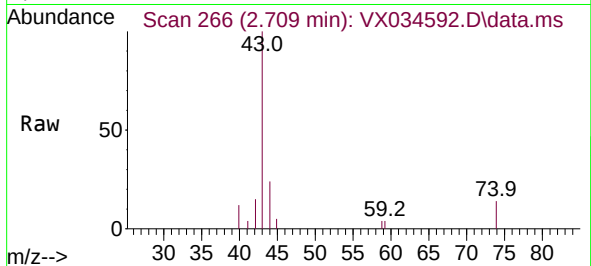




#18
Methyl Acetate
Concen: 1.018 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.012 min
Lab File: VX034592.D
Acq: 17 Mar 2023 18:19

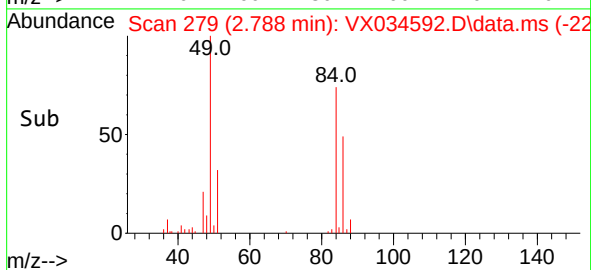
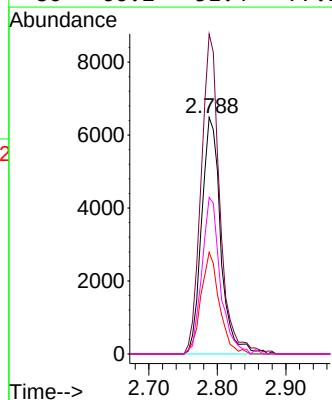
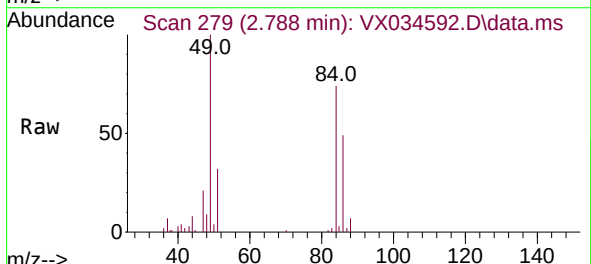
Instrument :
MSVOA_X
ClientSampleId :
PB151466ZHE#13

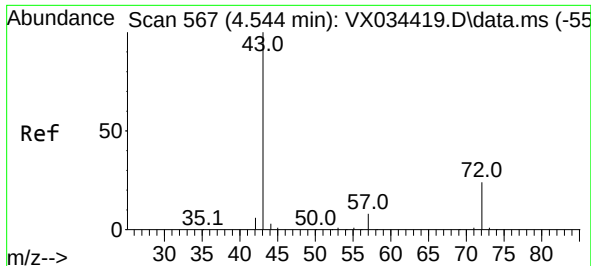
Tgt Ion: 43 Resp: 5235
Ion Ratio Lower Upper
43 100
74 20.5 18.3 27.5



#20
Methylene Chloride
Concen: 4.115 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX034592.D
Acq: 17 Mar 2023 18:19

Tgt Ion: 84 Resp: 12571
Ion Ratio Lower Upper
84 100
49 135.3 103.8 155.8
51 42.9 31.8 47.8
86 66.2 51.4 77.2

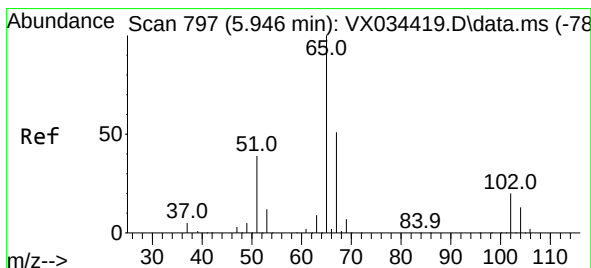
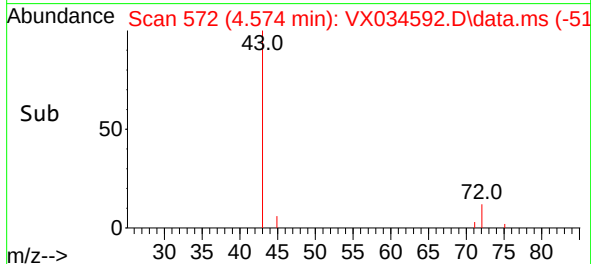
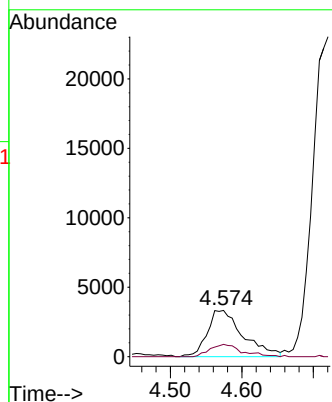
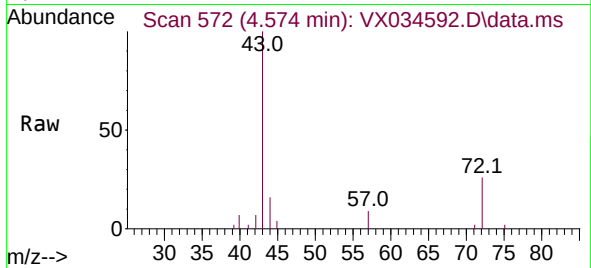




#25
2-Butanone
Concen: 5.135 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.030 min
Lab File: VX034592.D
Acq: 17 Mar 2023 18:19

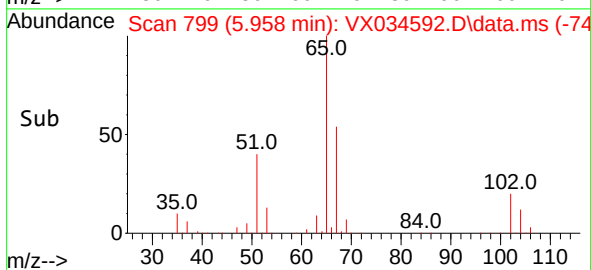
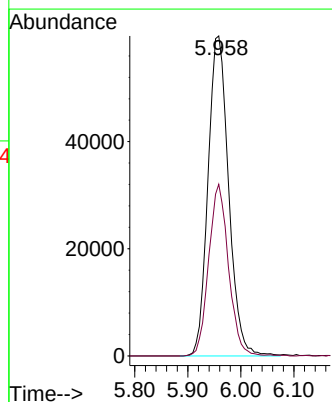
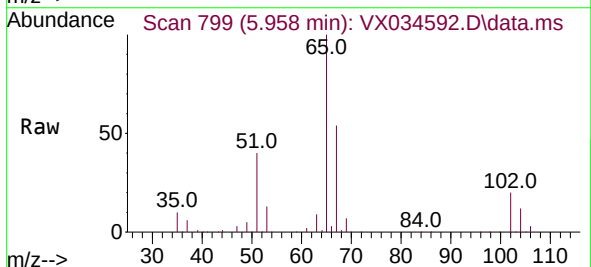
Instrument :
MSVOA_X
ClientSampleId :
PB151466ZHE#13

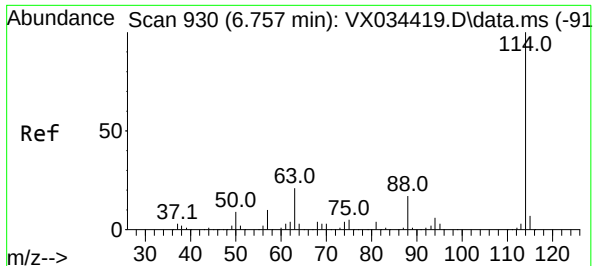
Tgt Ion: 43 Resp: 11565
Ion Ratio Lower Upper
43 100
72 26.4 19.3 28.9



#33
1,2-Dichloroethane-d4
Concen: 48.262 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.012 min
Lab File: VX034592.D
Acq: 17 Mar 2023 18:19

Tgt Ion: 65 Resp: 161254
Ion Ratio Lower Upper
65 100
67 51.5 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.006 min

Lab File: VX034592.D

Acq: 17 Mar 2023 18:19

Instrument :

MSVOA_X

ClientSampleId :

PB151466ZHE#13

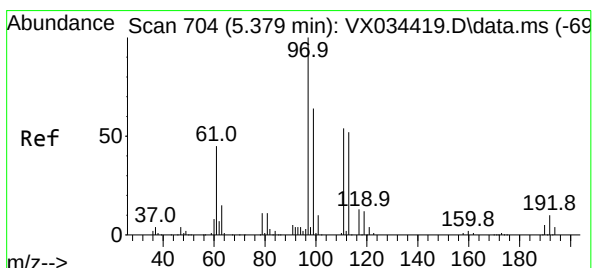
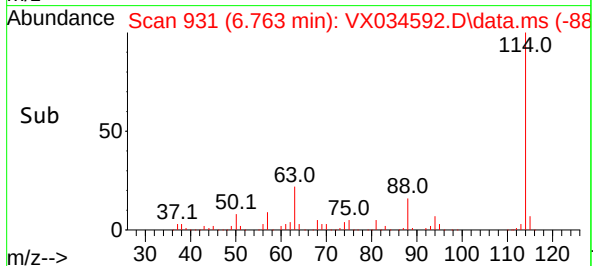
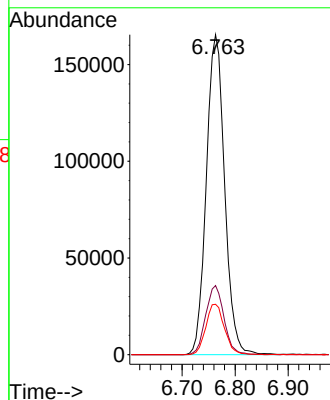
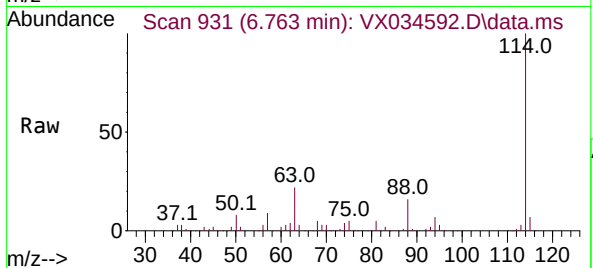
Tgt Ion:114 Resp: 396808

Ion Ratio Lower Upper

114 100

63 21.6 0.0 42.2

88 15.8 0.0 33.2



#35

Dibromofluoromethane

Concen: 47.869 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX034592.D

Acq: 17 Mar 2023 18:19

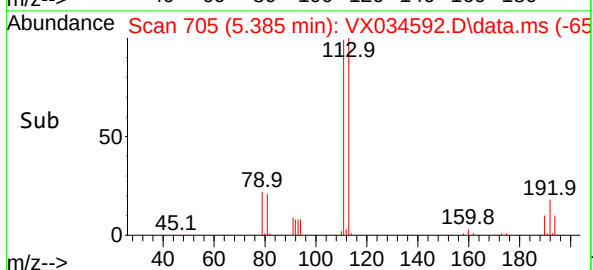
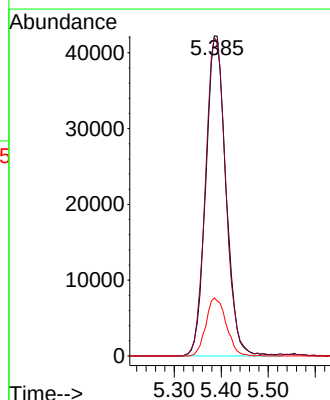
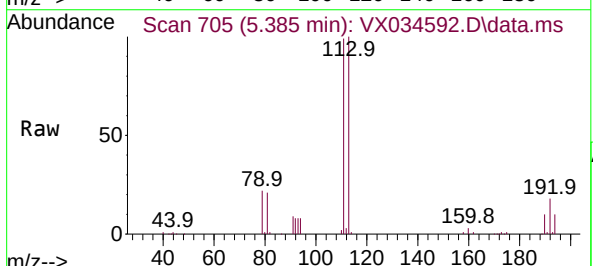
Tgt Ion:113 Resp: 125413

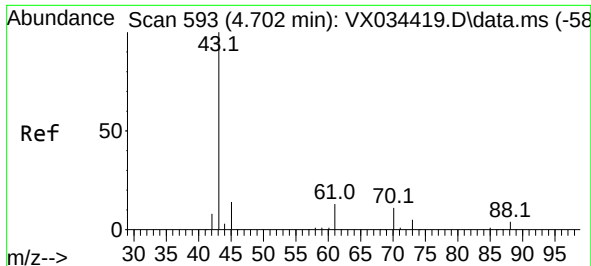
Ion Ratio Lower Upper

113 100

111 100.7 83.7 125.5

192 18.3 15.4 23.2





#37

Ethyl Acetate

Concen: 15.632 ug/l

RT: 4.721 min Scan# 593

Delta R.T. 0.018 min

Lab File: VX034592.D

Acq: 17 Mar 2023 18:19

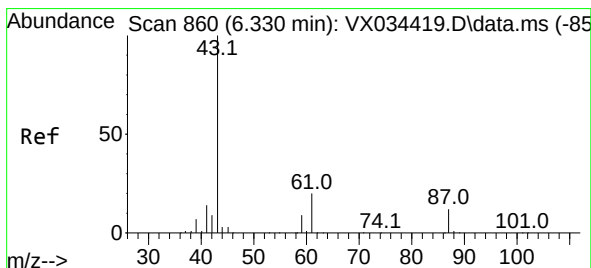
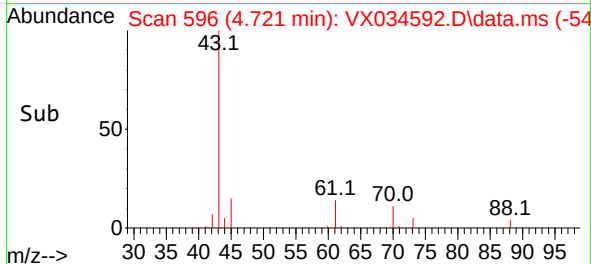
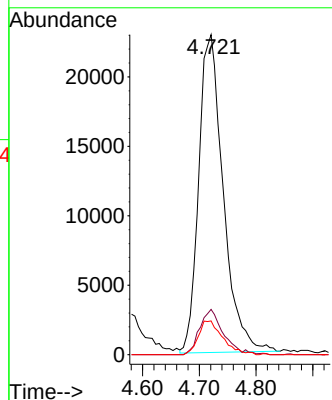
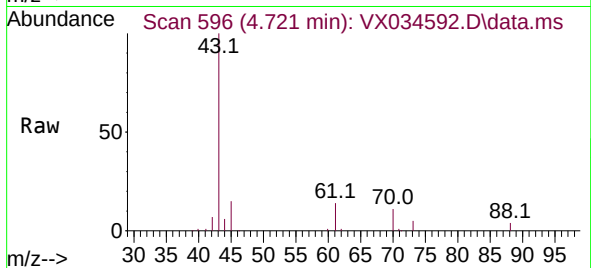
Instrument :

MSVOA_X

ClientSampleId :

PB151466ZHE#13

Tgt Ion: 43	Resp: 68722
Ion Ratio	Lower Upper
43 100	
61 13.8	10.2 15.4
70 10.6	8.2 12.4



#43

Isopropyl Acetate

Concen: 37.168 ug/l

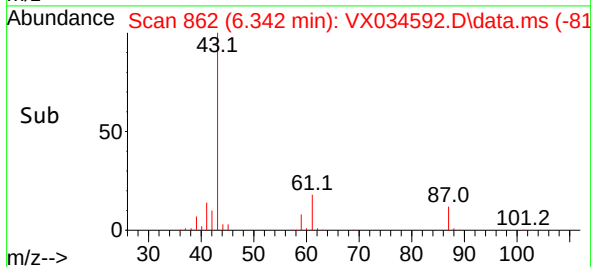
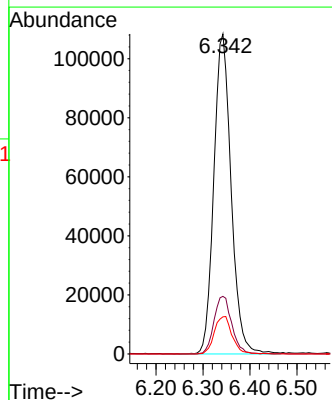
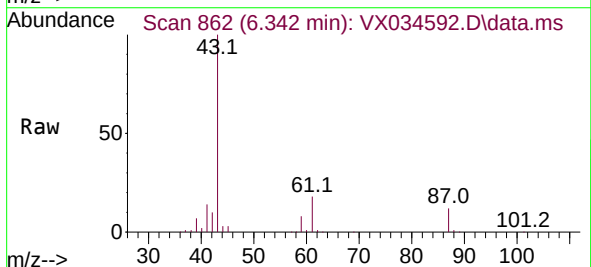
RT: 6.342 min Scan# 862

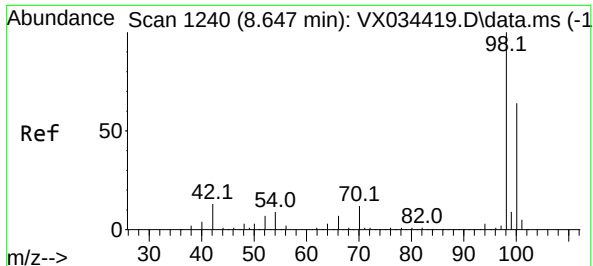
Delta R.T. 0.012 min

Lab File: VX034592.D

Acq: 17 Mar 2023 18:19

Tgt Ion: 43	Resp: 276802
Ion Ratio	Lower Upper
43 100	
61 18.5	15.2 22.8
87 12.0	9.8 14.8





#50

Toluene-d8

Concen: 58.481 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX034592.D

Acq: 17 Mar 2023 18:19

Instrument :

MSVOA_X

ClientSampleId :

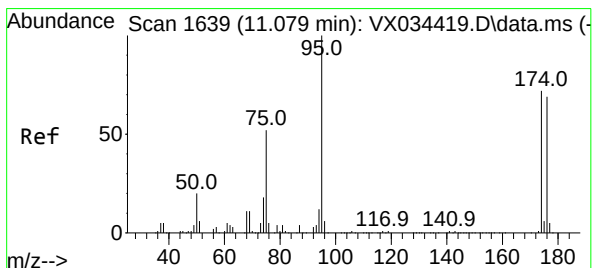
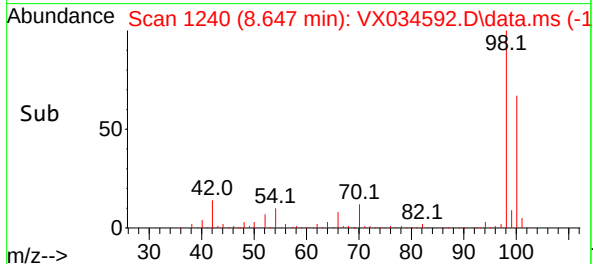
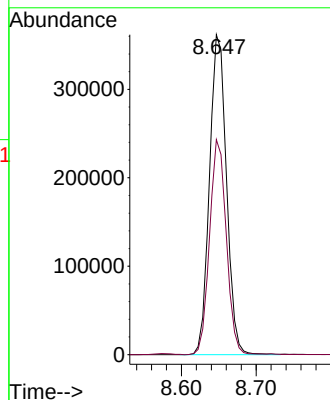
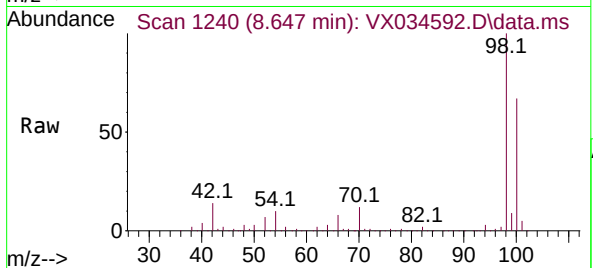
PB151466ZHE#13

Tgt Ion: 98 Resp: 571964

Ion Ratio Lower Upper

98 100

100 66.1 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 56.947 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX034592.D

Acq: 17 Mar 2023 18:19

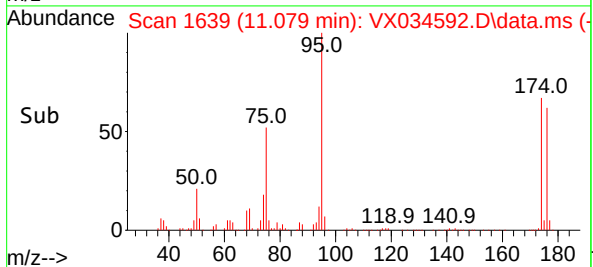
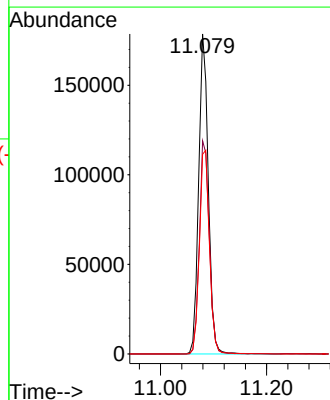
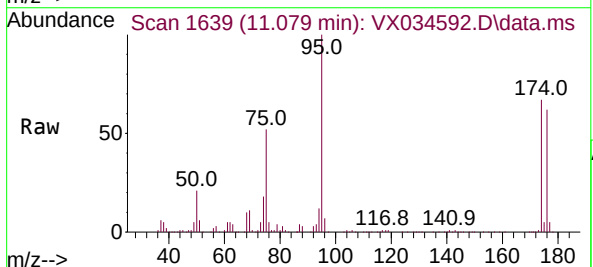
Tgt Ion: 95 Resp: 224969

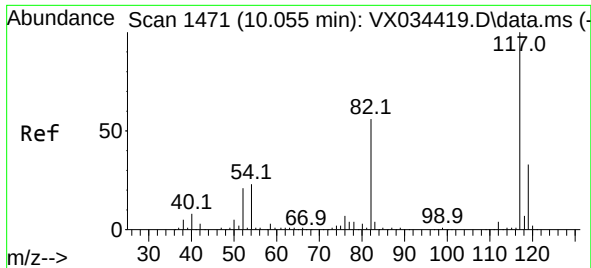
Ion Ratio Lower Upper

95 100

174 68.9 0.0 147.4

176 66.7 0.0 140.6

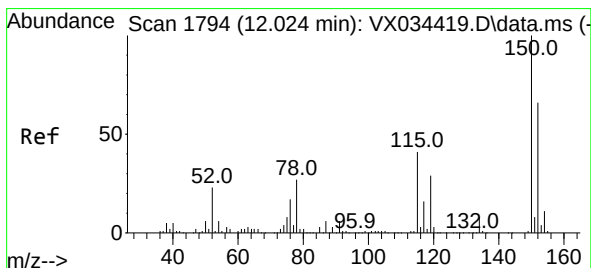
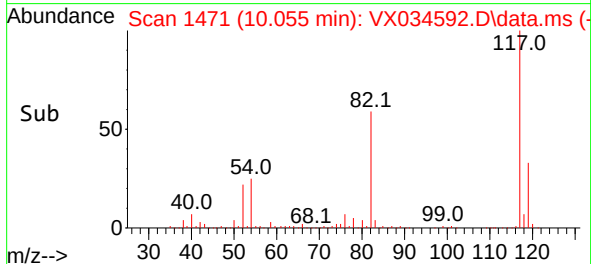
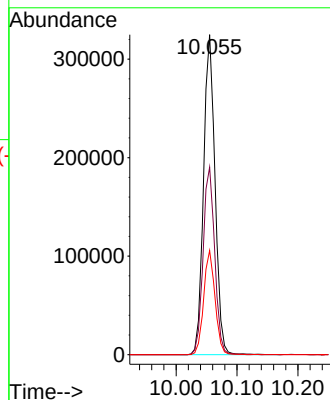
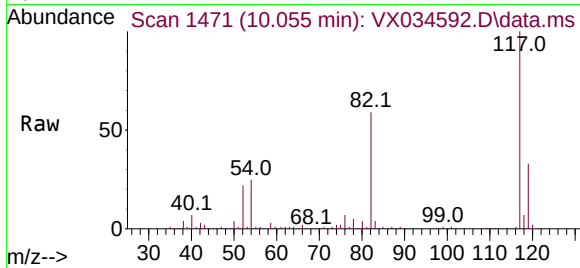




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034592.D
Acq: 17 Mar 2023 18:19

Instrument :
MSVOA_X
ClientSampleId :
PB151466ZHE#13

Tgt Ion:117 Resp: 426597
Ion Ratio Lower Upper
117 100
82 58.6 45.0 67.4
119 32.6 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX034592.D
Acq: 17 Mar 2023 18:19

Tgt Ion:152 Resp: 190354
Ion Ratio Lower Upper
152 100
115 63.2 45.0 135.0
150 155.8 0.0 352.4

