

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031723\
 Data File : VX034591.D
 Acq On : 17 Mar 2023 17:55
 Operator : JC/MD
 Sample : PB151466ZHE#12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB151466ZHE#12

Quant Time: Mar 20 00:05:43 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)

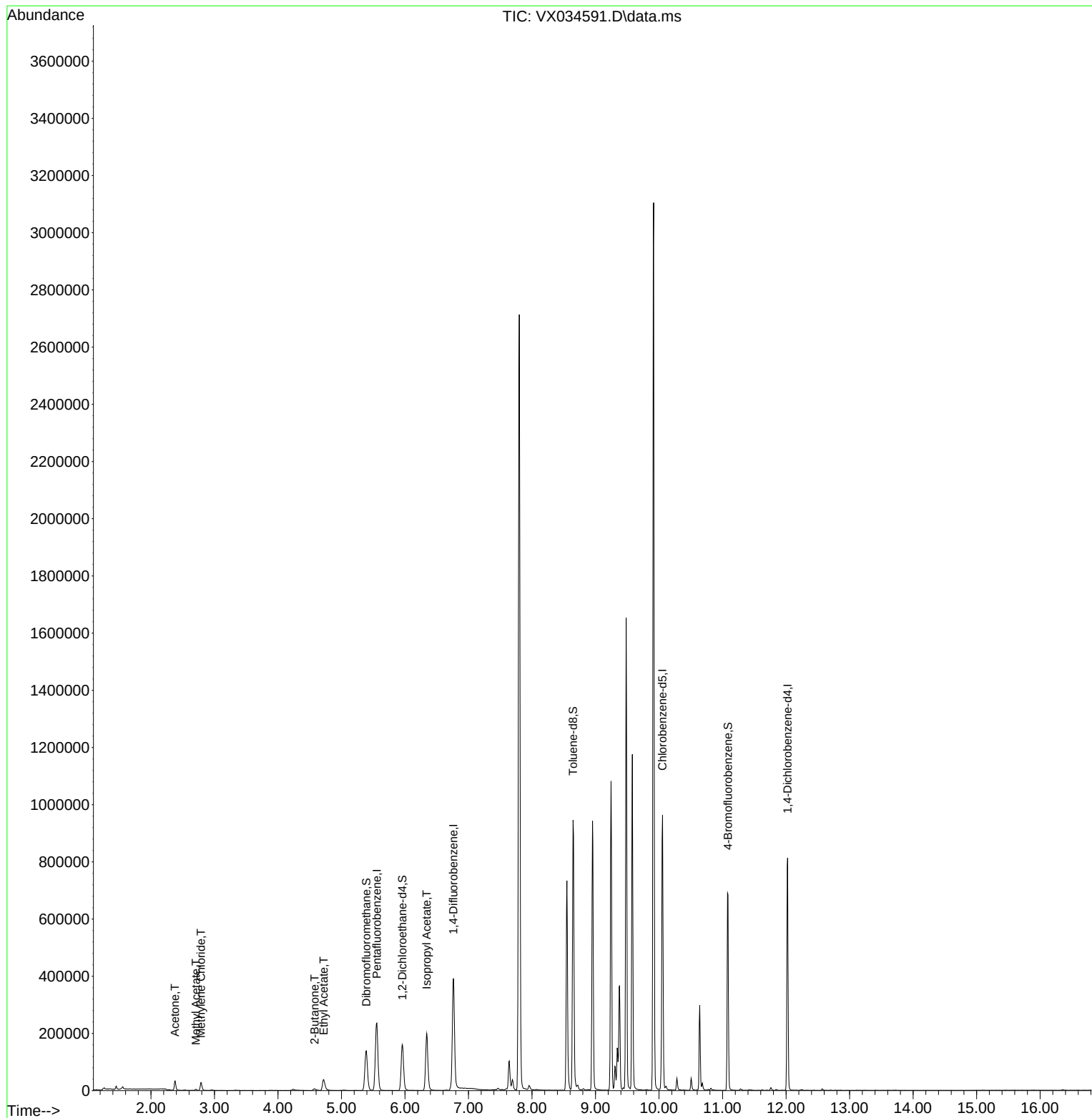
Internal Standards						
1) Pentafluorobenzene	5.556	168	221794	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.763	114	382071	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	403104	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	162921	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	153891	47.694	ug/l	0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.380%
35) Dibromofluoromethane	5.391	113	119768	47.478	ug/l	0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.960%
50) Toluene-d8	8.647	98	541690	57.522	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	115.040%#
62) 4-Bromofluorobenzene	11.085	95	193497	50.870	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.740%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	35117	23.105	ug/l	98
18) Methyl Acetate	2.709	43	4983	1.003	ug/l	95
20) Methylene Chloride	2.788	84	12659	4.291	ug/l	89
25) 2-Butanone	4.574	43	11098	5.103	ug/l	97
37) Ethyl Acetate	4.721	43	68263	16.127	ug/l	99
43) Isopropyl Acetate	6.342	43	275594	38.433	ug/l	99

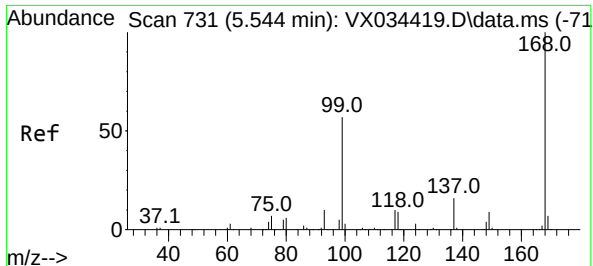
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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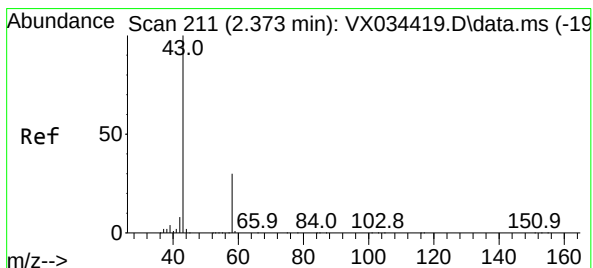
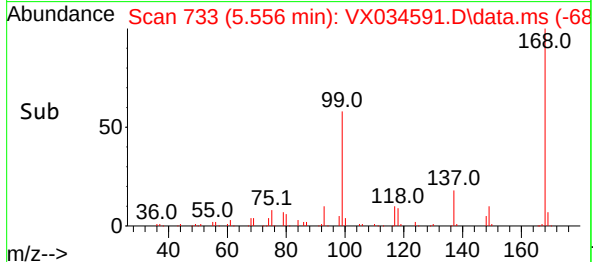
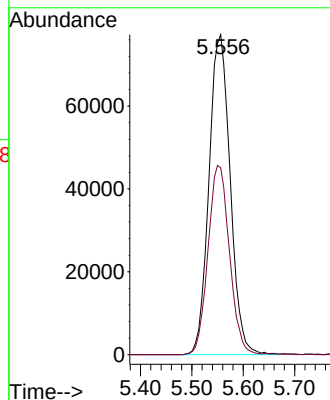
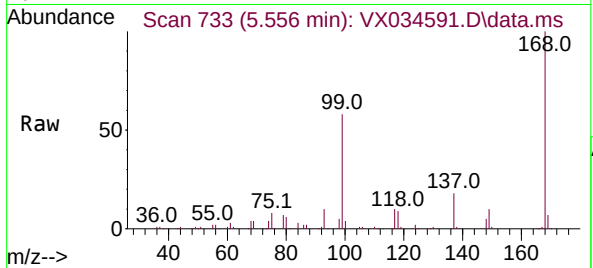




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.012 min
Lab File: VX034591.D
Acq: 17 Mar 2023 17:55

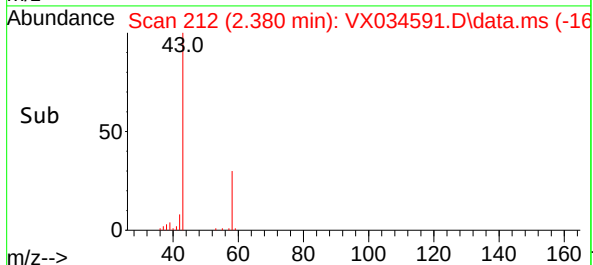
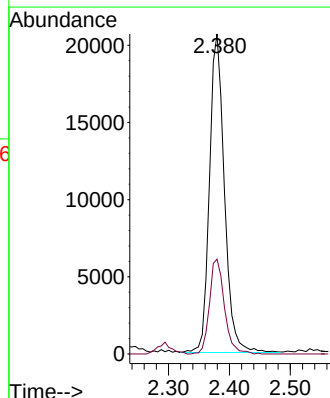
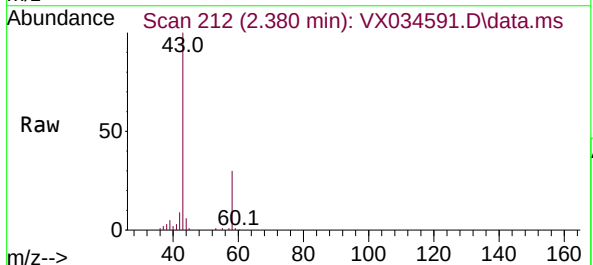
Instrument :
MSVOA_X
ClientSampleId :
PB151466ZHE#12

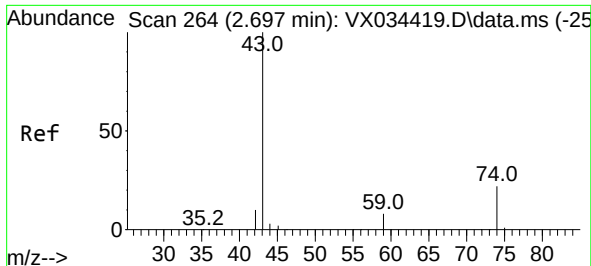
Tgt Ion:168 Resp: 221794
Ion Ratio Lower Upper
168 100
99 58.4 45.7 68.5



#16
Acetone
Concen: 23.105 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX034591.D
Acq: 17 Mar 2023 17:55

Tgt Ion: 43 Resp: 35117
Ion Ratio Lower Upper
43 100
58 29.8 24.7 37.1

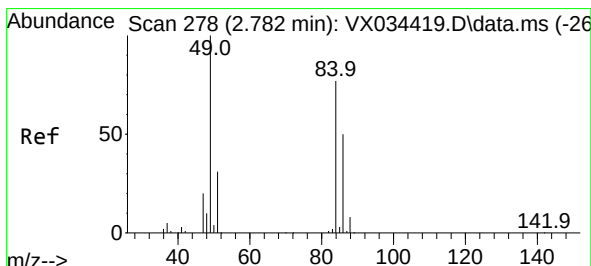
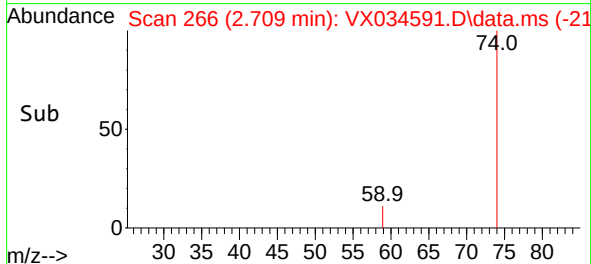
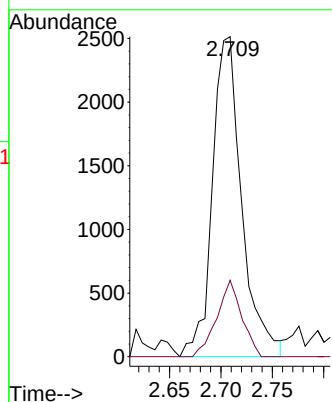
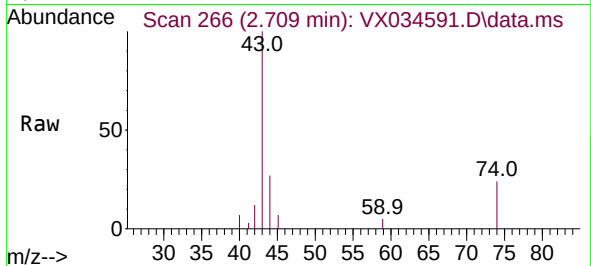




#18
Methyl Acetate
Concen: 1.003 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.012 min
Lab File: VX034591.D
Acq: 17 Mar 2023 17:55

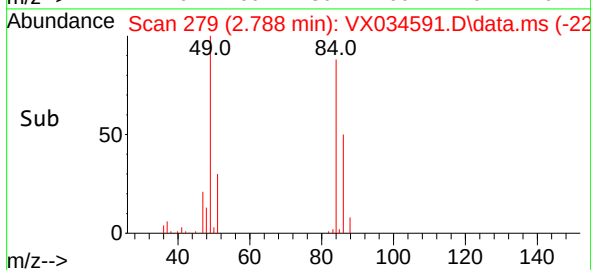
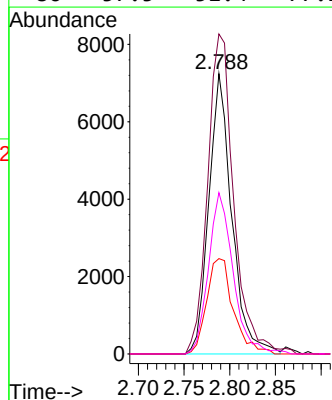
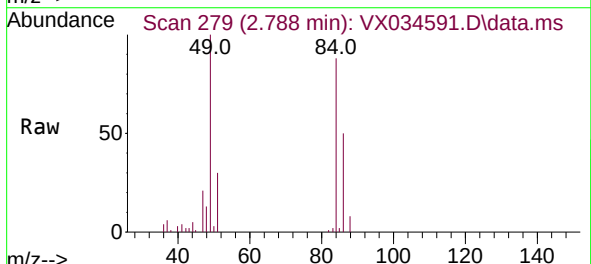
Instrument :
MSVOA_X
ClientSampleId :
PB151466ZHE#12

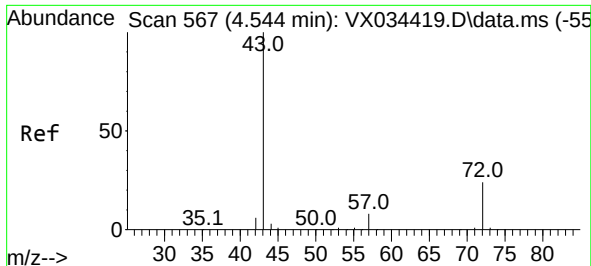
Tgt Ion: 43 Resp: 4983
Ion Ratio Lower Upper
43 100
74 20.3 18.3 27.5



#20
Methylene Chloride
Concen: 4.291 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX034591.D
Acq: 17 Mar 2023 17:55

Tgt Ion: 84 Resp: 12659
Ion Ratio Lower Upper
84 100
49 114.2 103.8 155.8
51 34.0 31.8 47.8
86 57.5 51.4 77.2

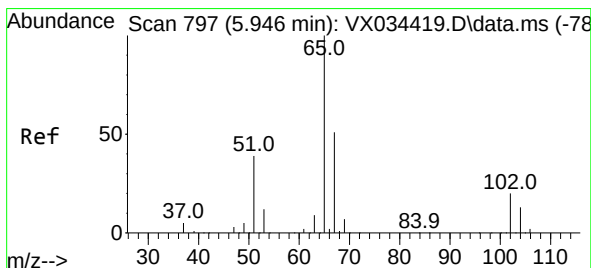
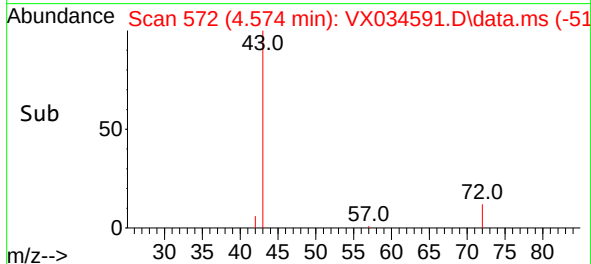
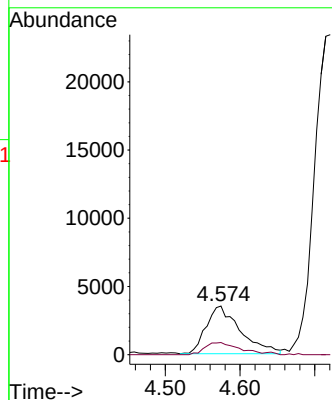
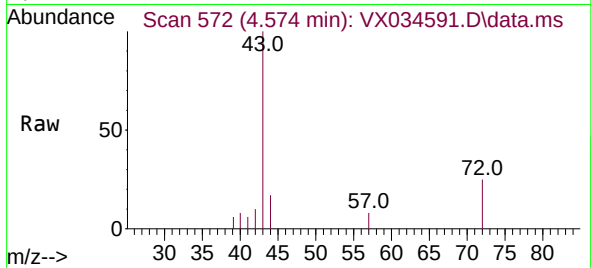




#25
2-Butanone
Concen: 5.103 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.031 min
Lab File: VX034591.D
Acq: 17 Mar 2023 17:55

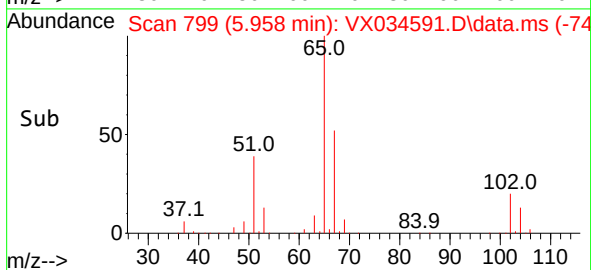
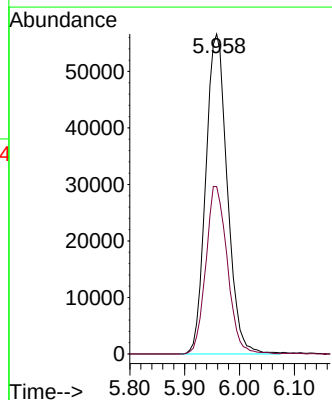
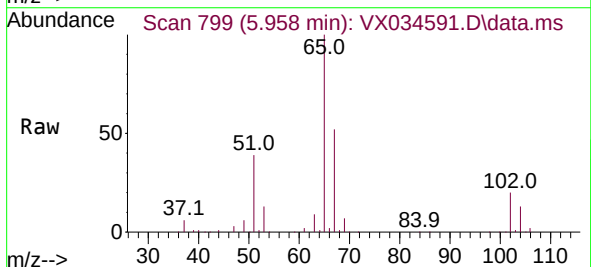
Instrument :
MSVOA_X
ClientSampleId :
PB151466ZHE#12

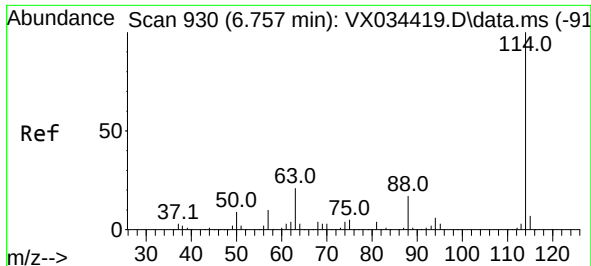
Tgt Ion: 43 Resp: 11098
Ion Ratio Lower Upper
43 100
72 25.5 19.3 28.9



#33
1,2-Dichloroethane-d4
Concen: 47.694 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.012 min
Lab File: VX034591.D
Acq: 17 Mar 2023 17:55

Tgt Ion: 65 Resp: 153891
Ion Ratio Lower Upper
65 100
67 52.4 0.0 104.0

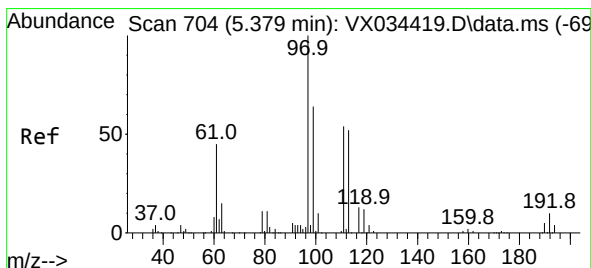
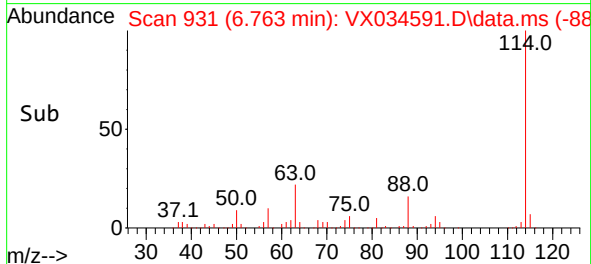
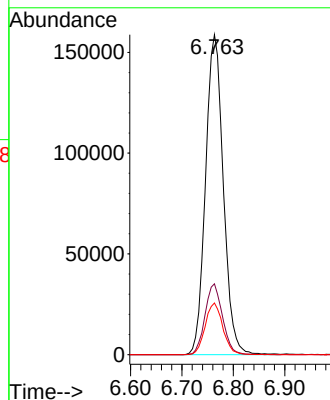
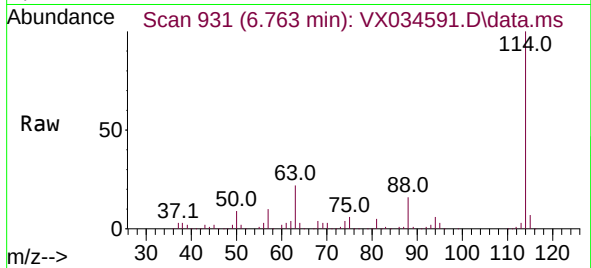




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034591.D
Acq: 17 Mar 2023 17:55

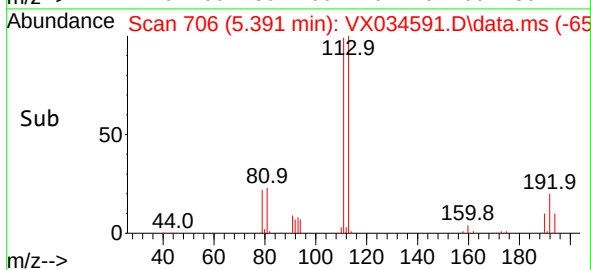
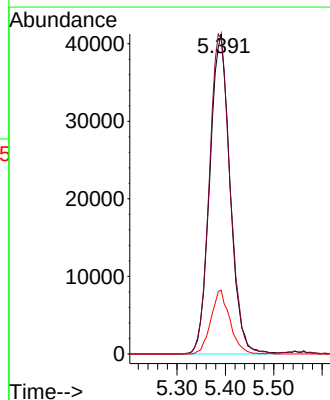
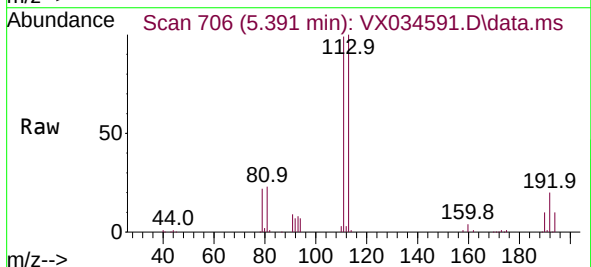
Instrument :
MSVOA_X
ClientSampleId :
PB151466ZHE#12

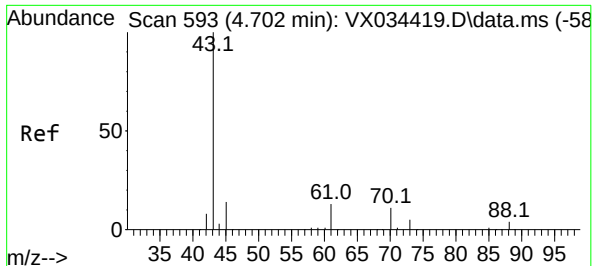
Tgt Ion:114 Resp: 382071
Ion Ratio Lower Upper
114 100
63 22.2 0.0 42.2
88 16.2 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.478 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.012 min
Lab File: VX034591.D
Acq: 17 Mar 2023 17:55

Tgt Ion:113 Resp: 119768
Ion Ratio Lower Upper
113 100
111 102.2 83.7 125.5
192 18.6 15.4 23.2





#37

Ethyl Acetate

Concen: 16.127 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.018 min

Lab File: VX034591.D

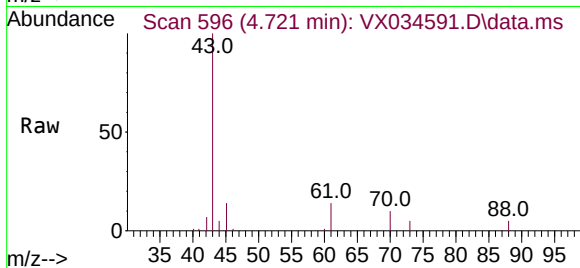
Acq: 17 Mar 2023 17:55

Instrument :

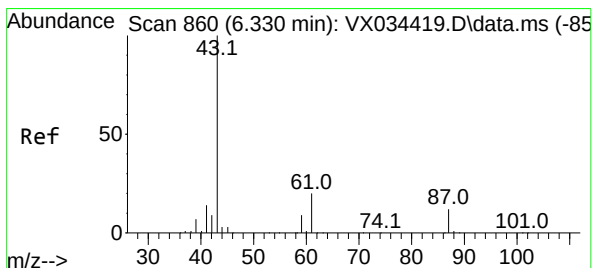
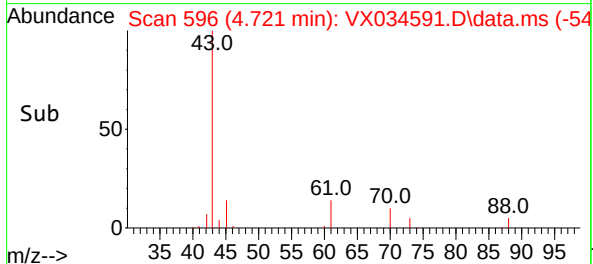
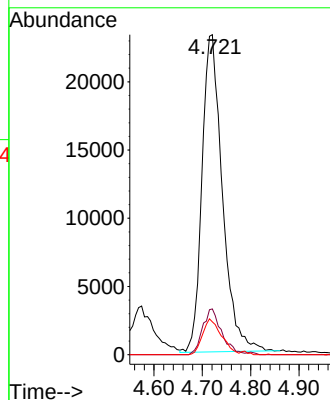
MSVOA_X

ClientSampleId :

PB151466ZHE#12



Tgt Ion:	43	Resp:	68263
Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.2	15.4
70	10.4	8.2	12.4



#43

Isopropyl Acetate

Concen: 38.433 ug/l

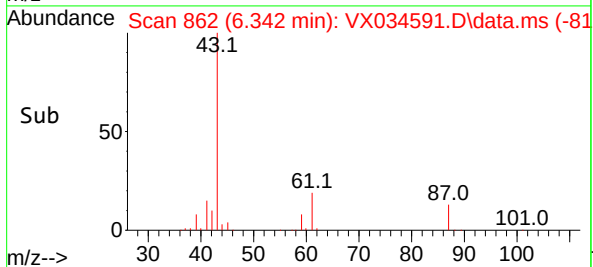
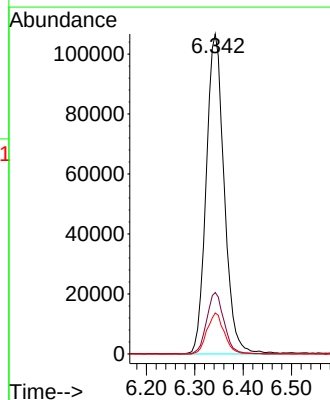
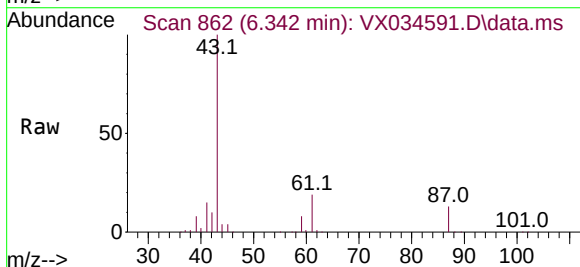
RT: 6.342 min Scan# 862

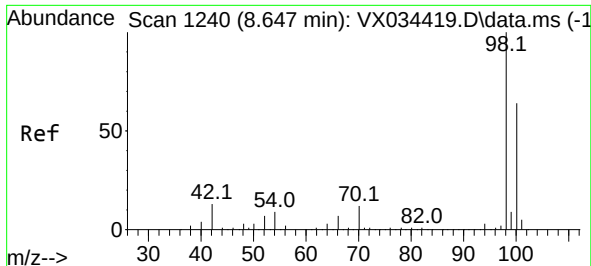
Delta R.T. 0.012 min

Lab File: VX034591.D

Acq: 17 Mar 2023 17:55

Tgt Ion:	43	Resp:	275594
Ion	Ratio	Lower	Upper
43	100		
61	18.6	15.2	22.8
87	12.2	9.8	14.8

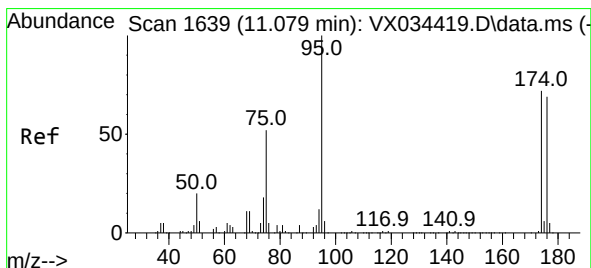
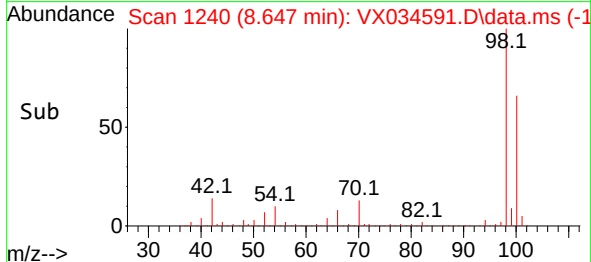
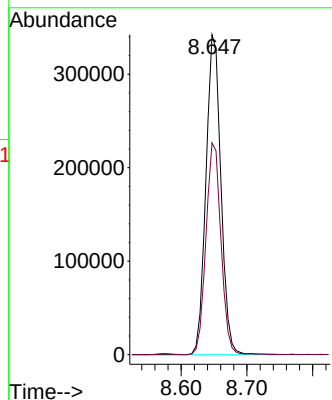
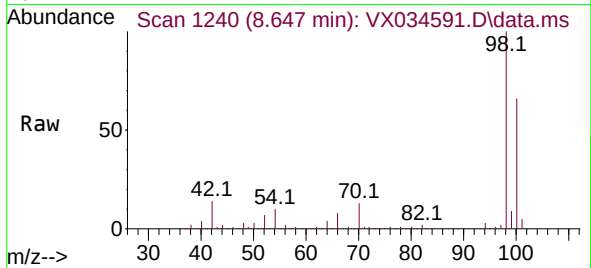




#50
Toluene-d8
Concen: 57.522 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034591.D
Acq: 17 Mar 2023 17:55

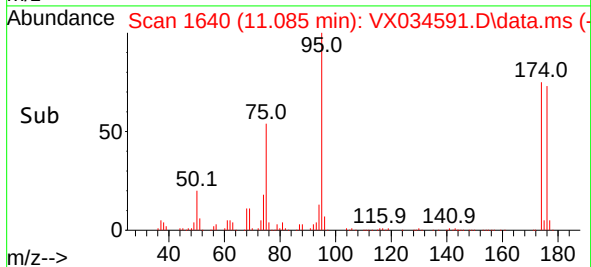
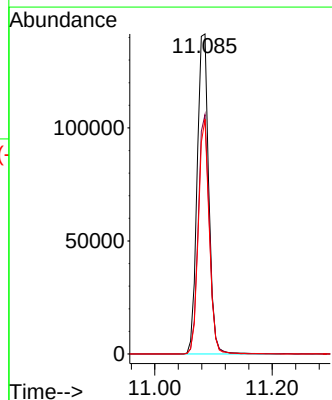
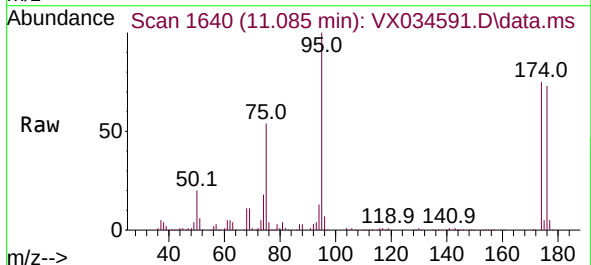
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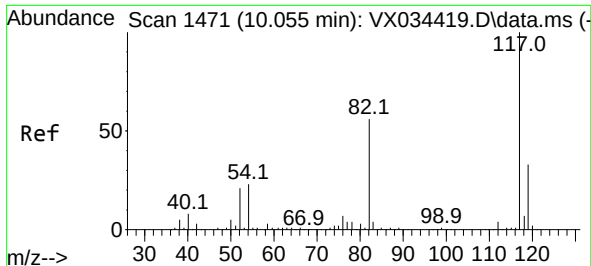
Tgt Ion: 98 Resp: 541690
Ion Ratio Lower Upper
98 100
100 66.3 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 50.870 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX034591.D
Acq: 17 Mar 2023 17:55

Tgt Ion: 95 Resp: 193497
Ion Ratio Lower Upper
95 100
174 71.6 0.0 147.4
176 68.6 0.0 140.6

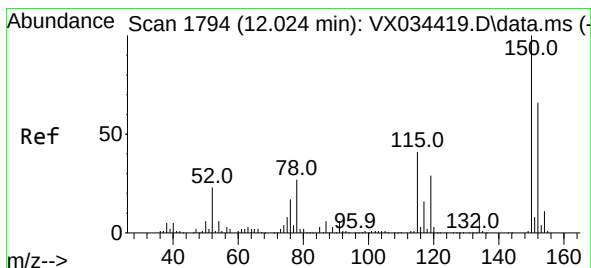
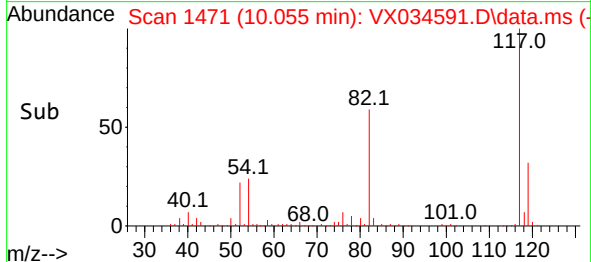
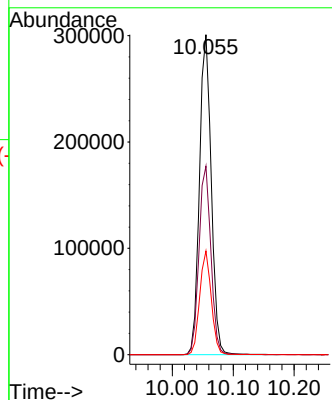
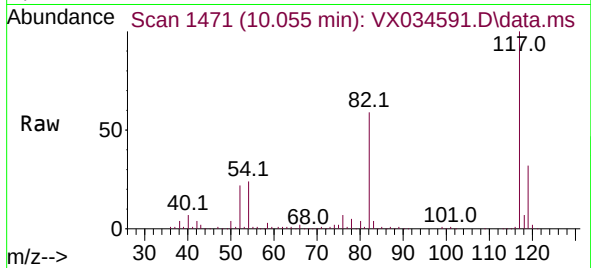




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034591.D
Acq: 17 Mar 2023 17:55

Instrument :
MSVOA_X
ClientSampleId :
PB151466ZHE#12

Tgt Ion:117 Resp: 403104
Ion Ratio Lower Upper
117 100
82 58.9 45.0 67.4
119 32.4 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: VX034591.D
Acq: 17 Mar 2023 17:55

Tgt Ion:152 Resp: 162921
Ion Ratio Lower Upper
152 100
115 64.2 45.0 135.0
150 157.9 0.0 352.4

