

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101723\
 Data File : VX038328.D
 Acq On : 17 Oct 2023 14:45
 Operator : JC/MD
 Sample : PB156409ZHE#01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB156409ZHE#01

Quant Time: Oct 18 03:59:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

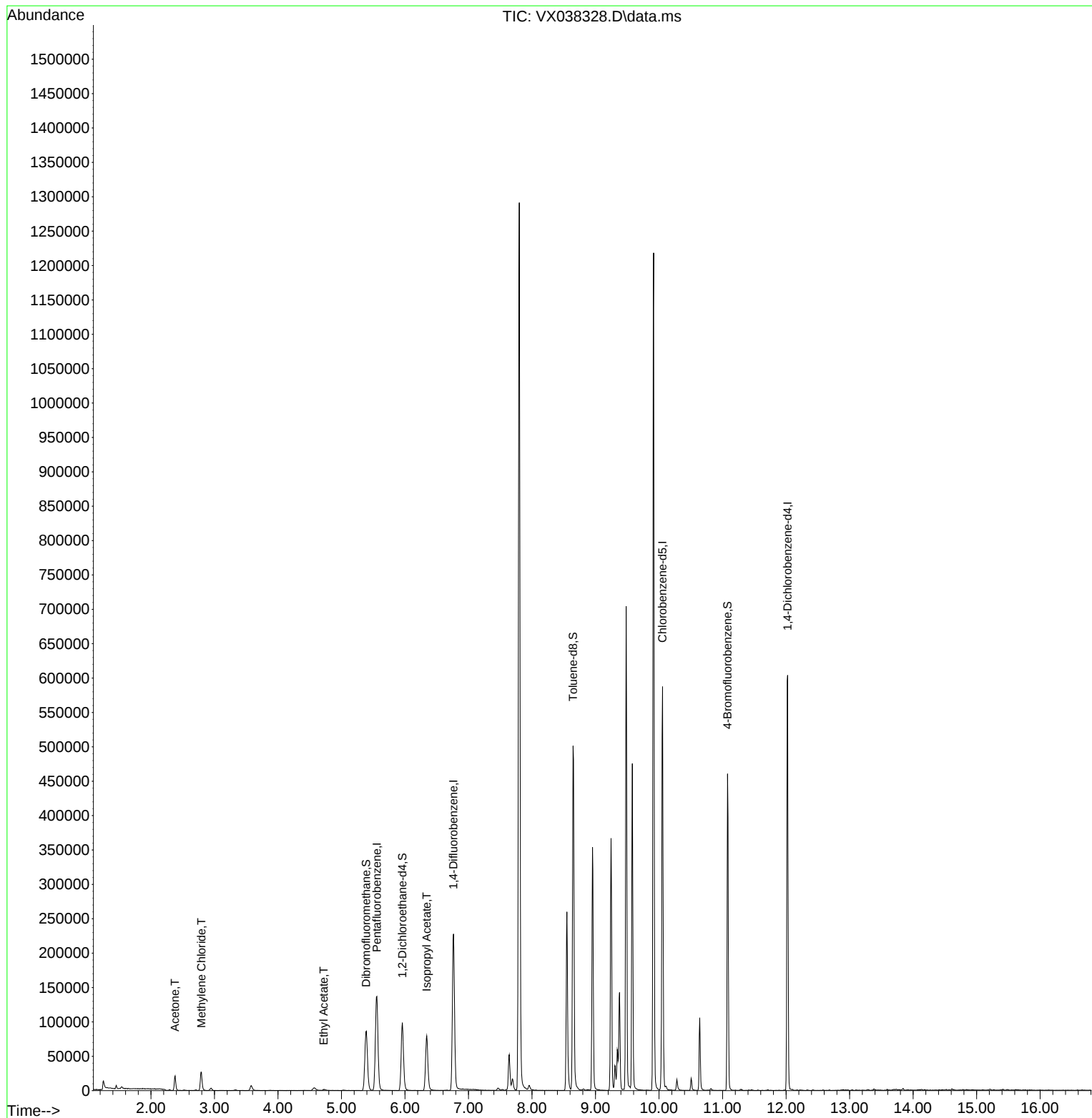
Internal Standards						
1) Pentafluorobenzene	5.556	168	130403	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	236199	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	258836	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	128108	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	93966	44.800	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.600%
35) Dibromofluoromethane	5.385	113	75033	44.086	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.180%
50) Toluene-d8	8.647	98	309376	47.570	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.140%
62) 4-Bromofluorobenzene	11.079	95	120749	48.974	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.940%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	21501	24.562	ug/l	94
20) Methylene Chloride	2.794	84	13396	8.136	ug/l #	82
37) Ethyl Acetate	4.721	43	3079	1.105	ug/l #	86
43) Isopropyl Acetate	6.342	43	107022	25.720	ug/l #	96

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

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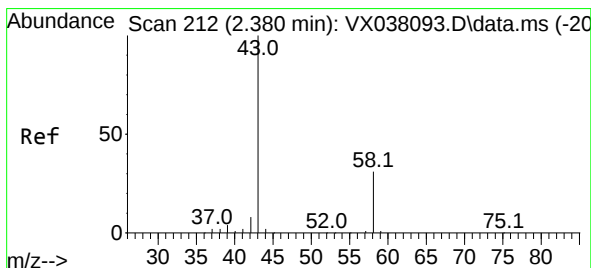
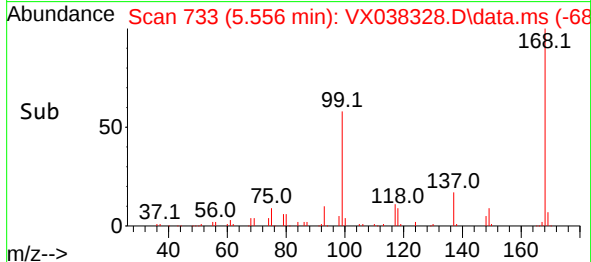
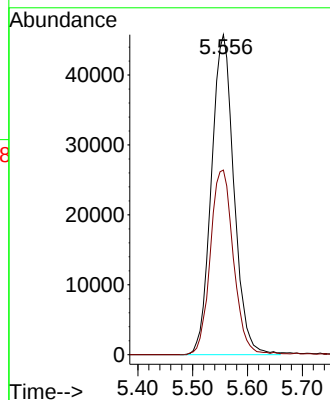
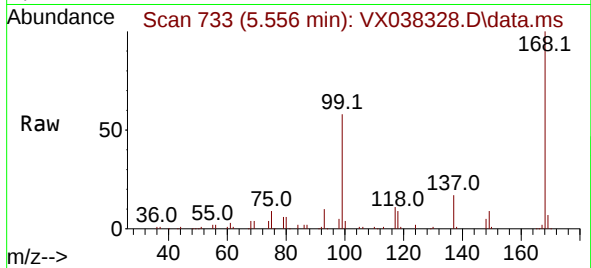




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX038328.D
Acq: 17 Oct 2023 14:45

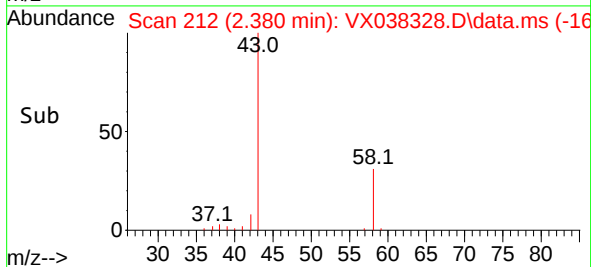
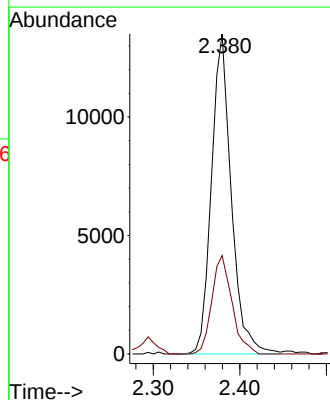
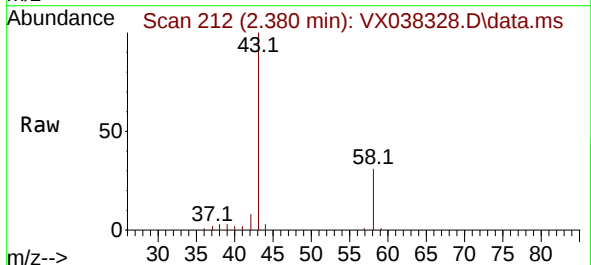
Instrument :
MSVOA_X
ClientSampleId :
PB156409ZHE#01

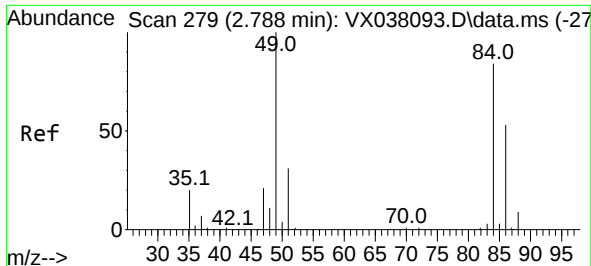
Tgt Ion:168 Resp: 130403
Ion Ratio Lower Upper
168 100
99 57.7 56.6 85.0



#16
Acetone
Concen: 24.562 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038328.D
Acq: 17 Oct 2023 14:45

Tgt Ion: 43 Resp: 21501
Ion Ratio Lower Upper
43 100
58 30.8 21.9 32.9

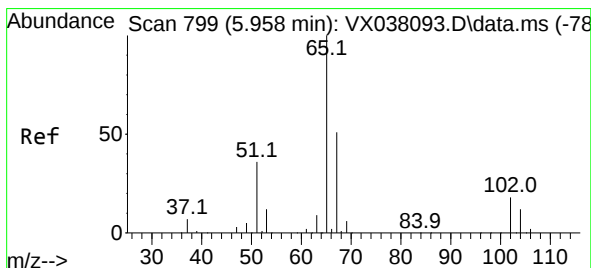
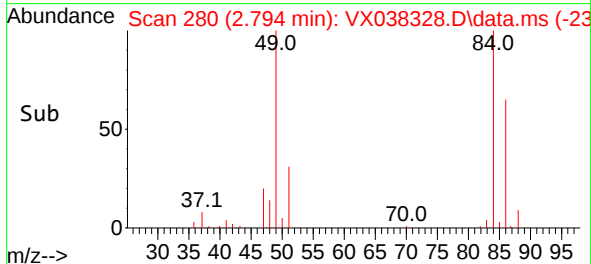
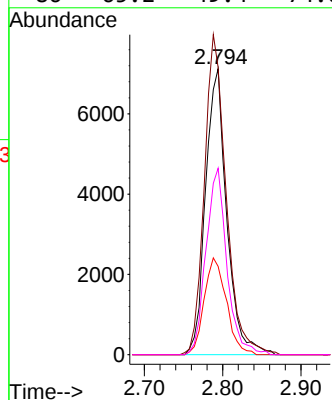
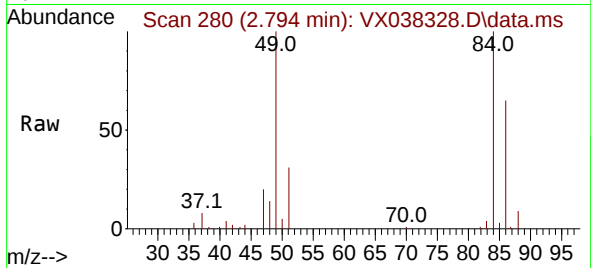




#20
Methylene Chloride
Concen: 8.136 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX038328.D
Acq: 17 Oct 2023 14:45

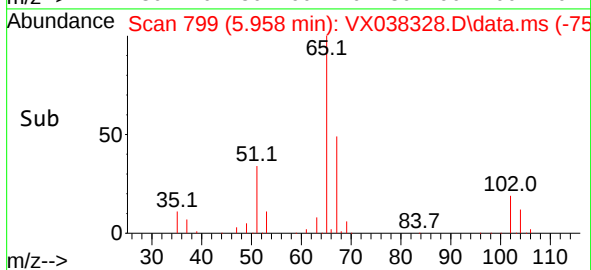
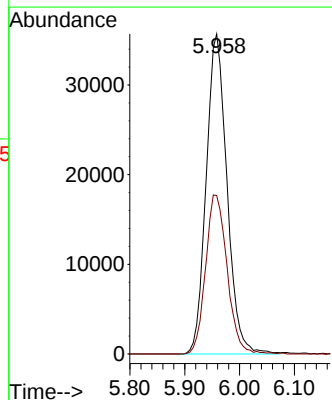
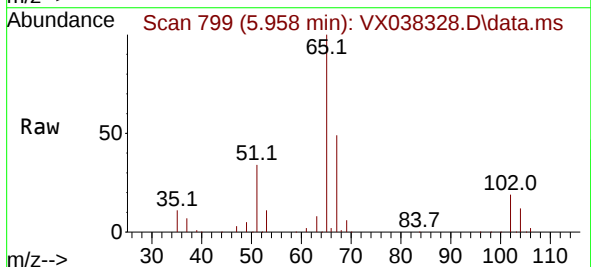
Instrument :
MSVOA_X
ClientSampleId :
PB156409ZHE#01

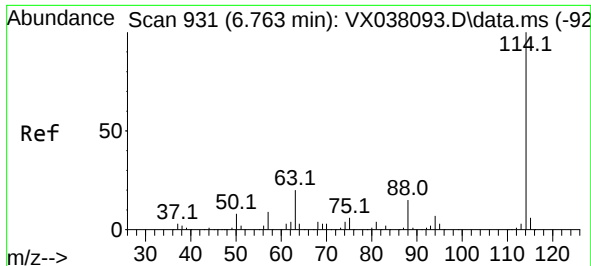
Tgt Ion: 84 Resp: 13396
Ion Ratio Lower Upper
84 100
49 100.5 103.6 155.4#
51 30.9 33.8 50.6#
86 65.2 49.4 74.0



#33
1,2-Dichloroethane-d4
Concen: 44.800 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038328.D
Acq: 17 Oct 2023 14:45

Tgt Ion: 65 Resp: 93966
Ion Ratio Lower Upper
65 100
67 51.5 0.0 100.2

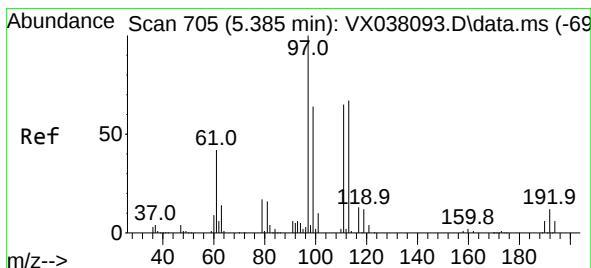
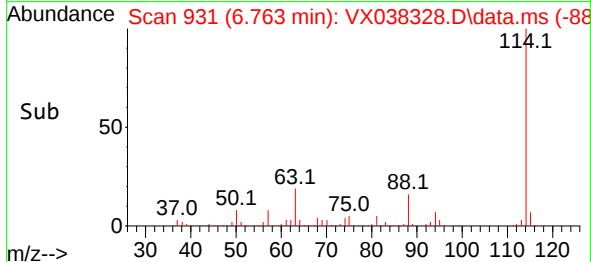
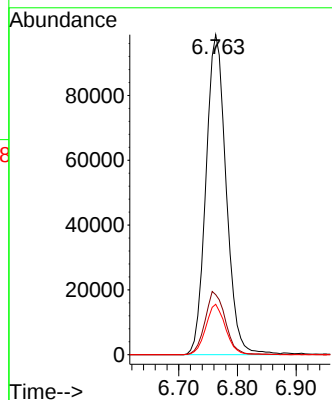
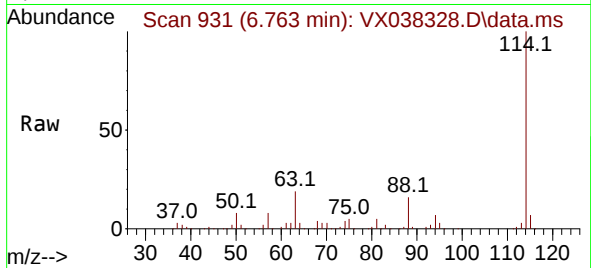




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038328.D
Acq: 17 Oct 2023 14:45

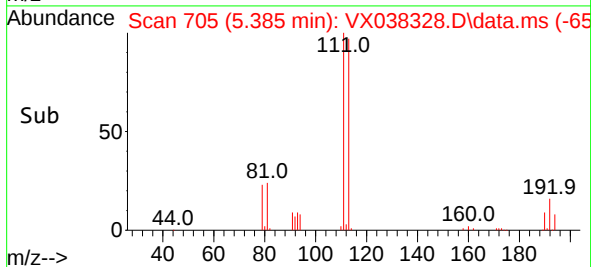
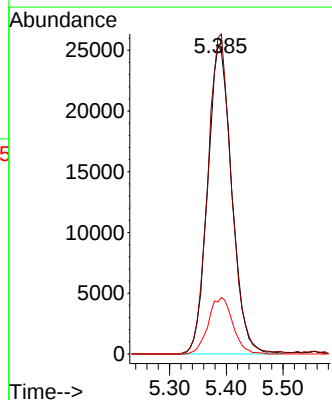
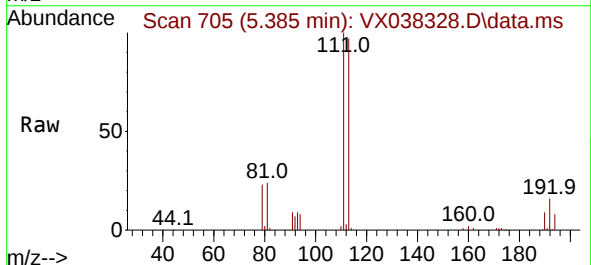
Instrument :
MSVOA_X
ClientSampleId :
PB156409ZHE#01

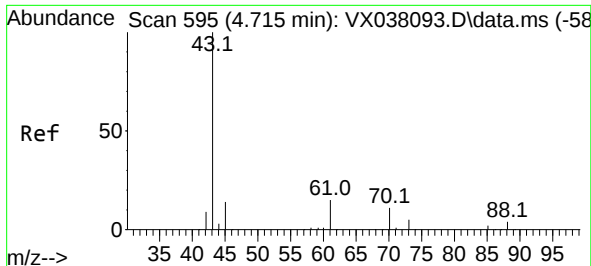
Tgt Ion:114 Resp: 236199
Ion Ratio Lower Upper
114 100
63 18.7 0.0 45.0
88 15.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.086 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038328.D
Acq: 17 Oct 2023 14:45

Tgt Ion:113 Resp: 75033
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 18.5 13.3 19.9





#37

Ethyl Acetate

Concen: 1.105 ug/l

RT: 4.721 min Scan# 595

Delta R.T. 0.006 min

Lab File: VX038328.D

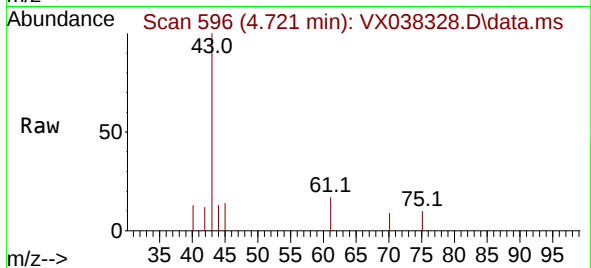
Acq: 17 Oct 2023 14:45

Instrument :

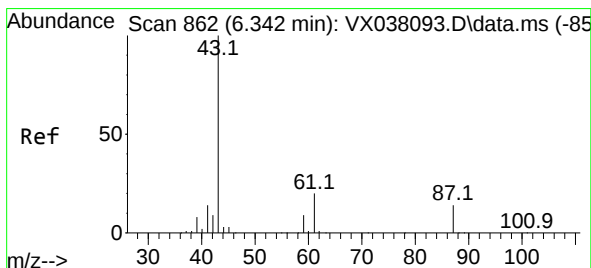
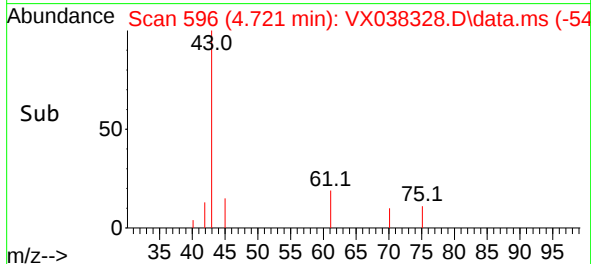
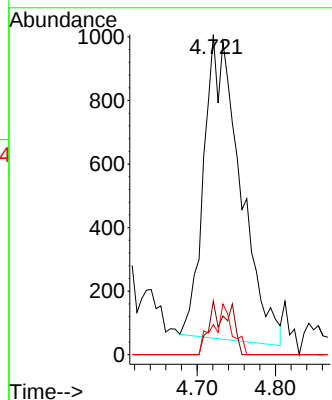
MSVOA_X

ClientSampleId :

PB156409ZHE#01



Tgt Ion: 43	Resp: 3079
Ion Ratio	Lower Upper
43	100
61	4.6 10.6 16.0#
70	9.1 8.3 12.5



#43

Isopropyl Acetate

Concen: 25.720 ug/l

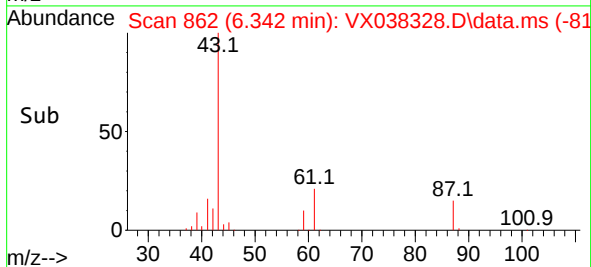
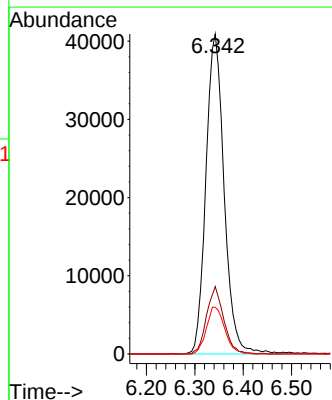
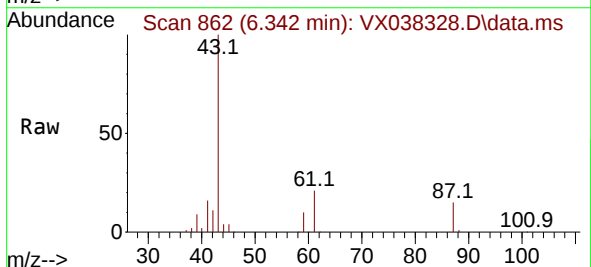
RT: 6.342 min Scan# 862

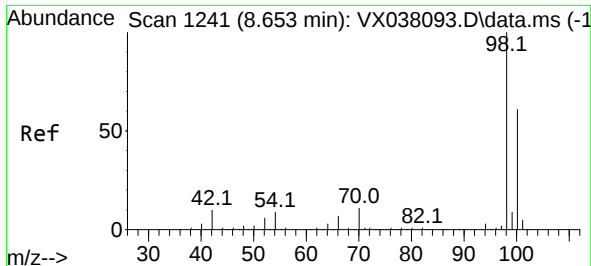
Delta R.T. 0.000 min

Lab File: VX038328.D

Acq: 17 Oct 2023 14:45

Tgt Ion: 43	Resp: 107022
Ion Ratio	Lower Upper
43	100
61	19.9 15.2 22.8
87	14.8 9.8 14.6#

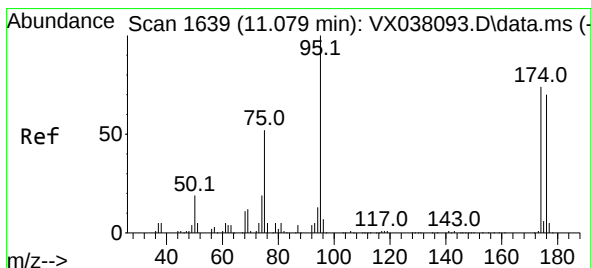
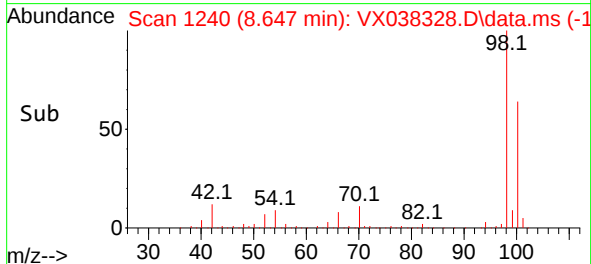
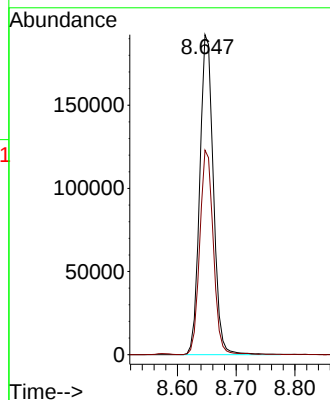
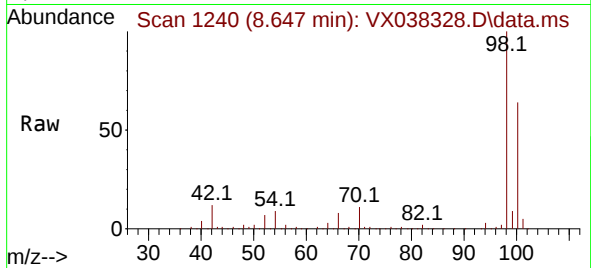




#50
Toluene-d8
Concen: 47.570 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038328.D
Acq: 17 Oct 2023 14:45

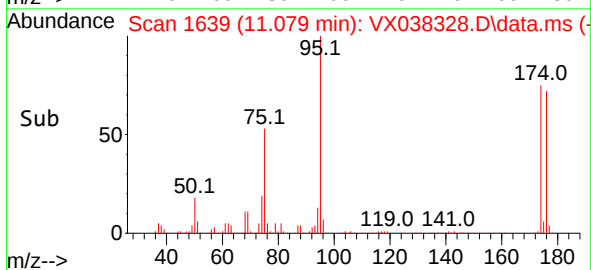
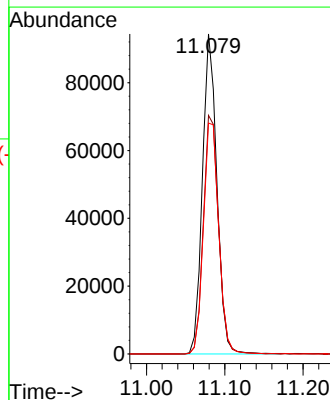
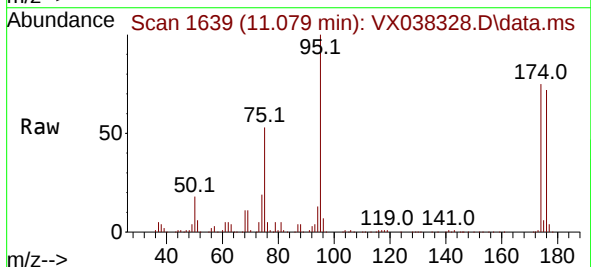
Instrument :
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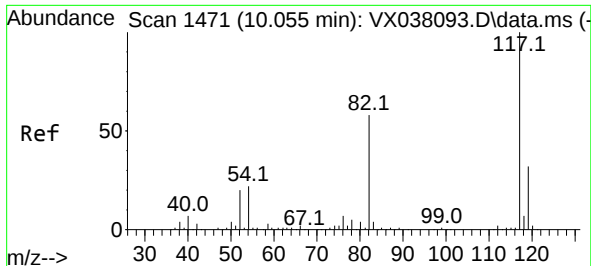
Tgt Ion: 98 Resp: 309376
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 48.974 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038328.D
Acq: 17 Oct 2023 14:45

Tgt Ion: 95 Resp: 120749
Ion Ratio Lower Upper
95 100
174 78.3 0.0 135.6
176 76.8 0.0 131.0

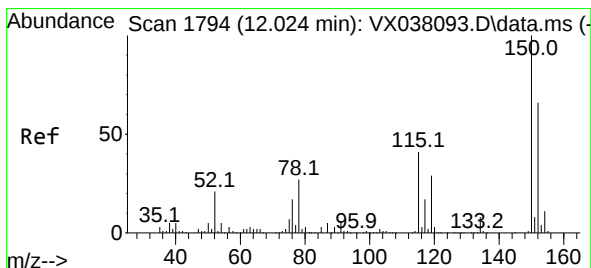
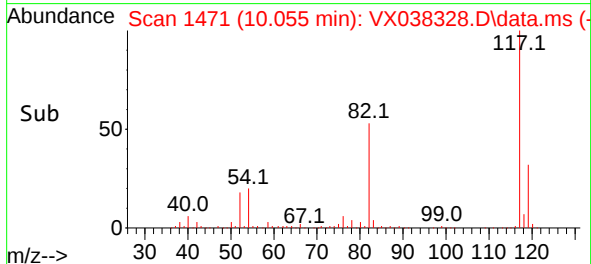
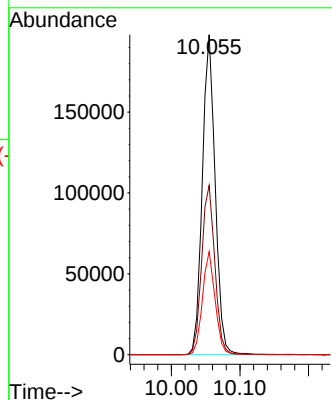
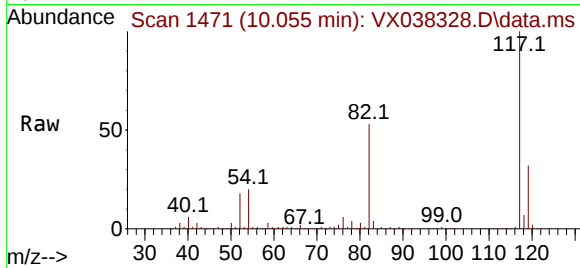




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038328.D
Acq: 17 Oct 2023 14:45

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:117 Resp: 258836
Ion Ratio Lower Upper
117 100
82 52.9 46.2 69.4
119 32.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038328.D
Acq: 17 Oct 2023 14:45

Tgt Ion:152 Resp: 128108
Ion Ratio Lower Upper
152 100
115 61.1 43.3 129.9
150 156.0 0.0 345.0

