

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010623\
 Data File : VX033633.D
 Acq On : 06 Jan 2023 16:11
 Operator : JC/MD
 Sample : PB050057ZHE#10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB050057ZHE#10

Quant Time: Jan 07 04:26:18 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)

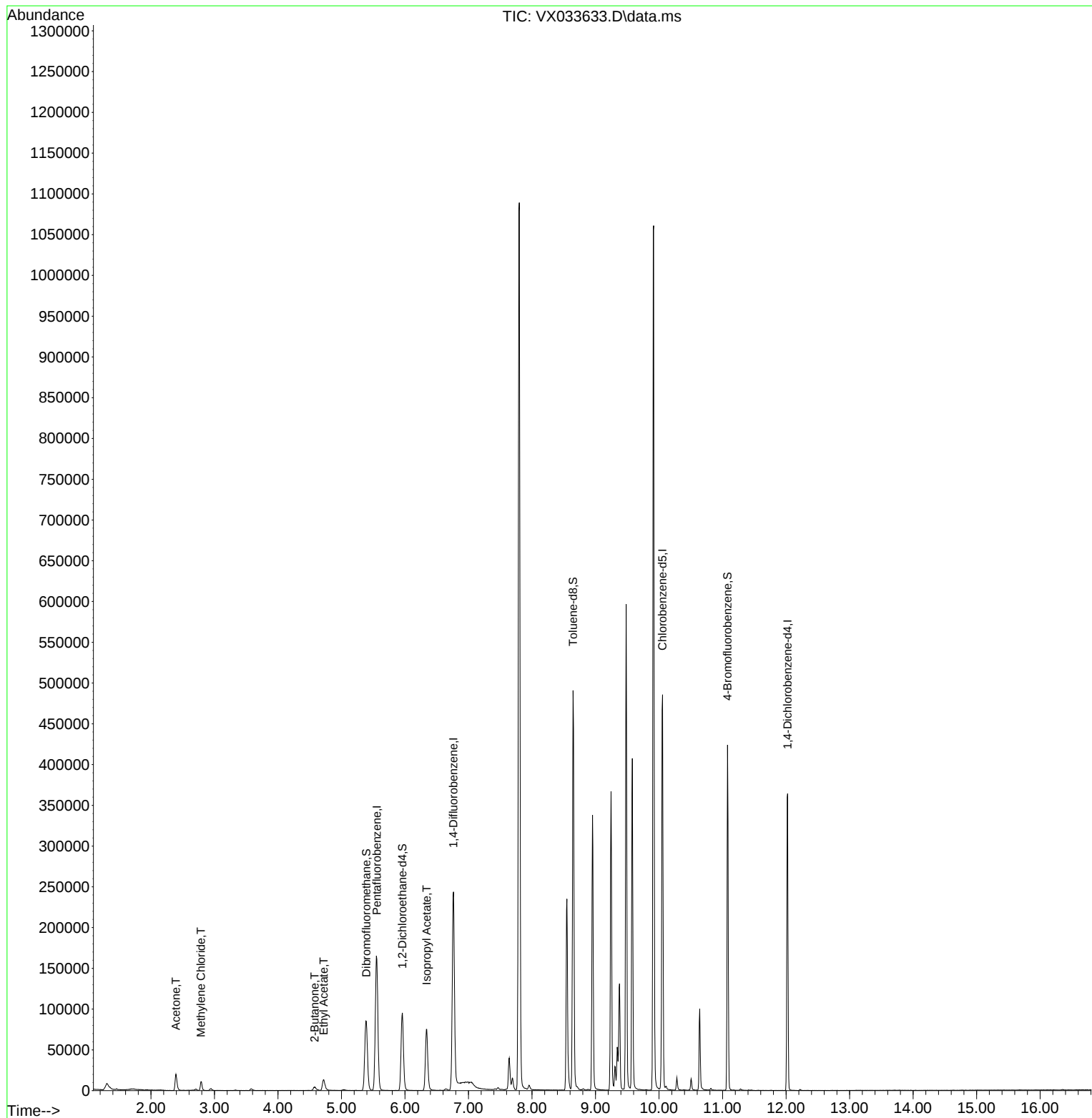
Internal Standards						
1) Pentafluorobenzene	5.556	168	168777	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	246906	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	225435	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78293	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	94013	49.344	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.680%		
35) Dibromofluoromethane	5.391	113	77327	47.648	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.300%		
50) Toluene-d8	8.647	98	289434	49.897	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.800%		
62) 4-Bromofluorobenzene	11.079	95	103301	50.242	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.480%		
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	28016	31.663	ug/l	93
20) Methylene Chloride	2.788	84	5197	1.083	ug/l	91
25) 2-Butanone	4.574	43	7362	5.918	ug/l	100
37) Ethyl Acetate	4.721	43	24562	8.312	ug/l	99
43) Isopropyl Acetate	6.342	43	106865	28.433	ug/l	99

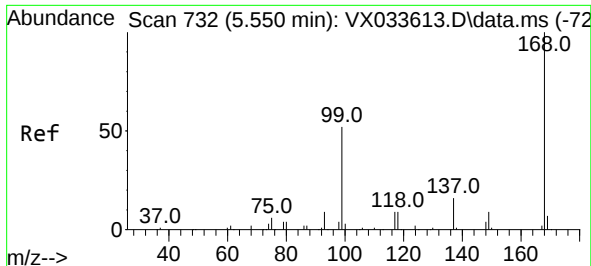
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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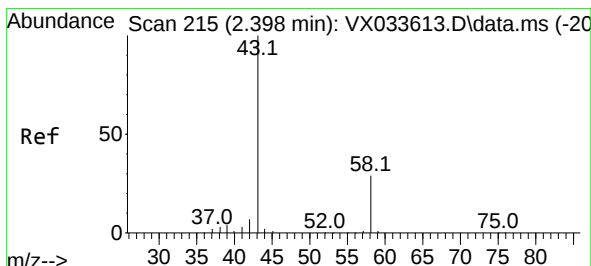
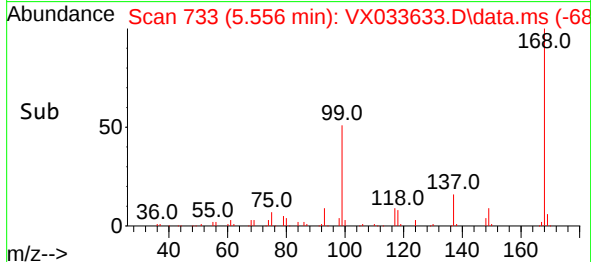
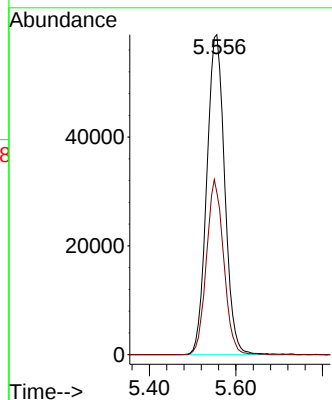
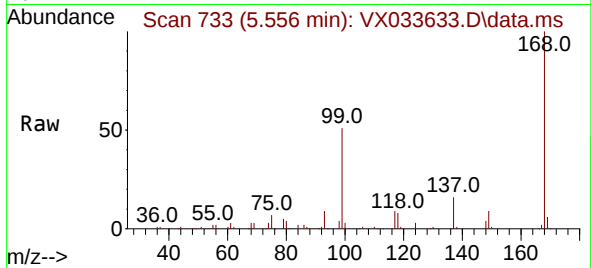




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX033633.D
Acq: 06 Jan 2023 16:11

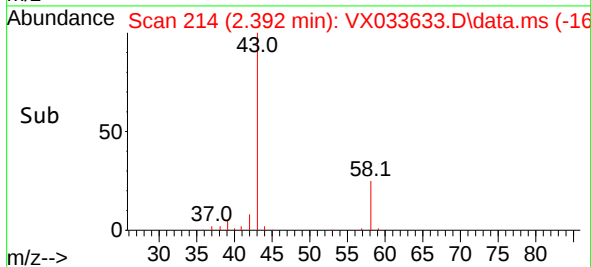
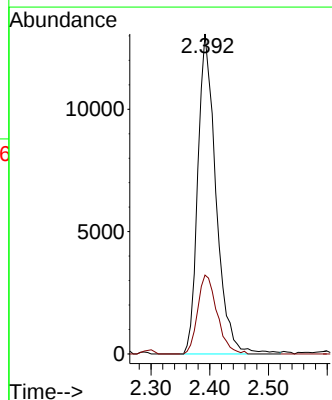
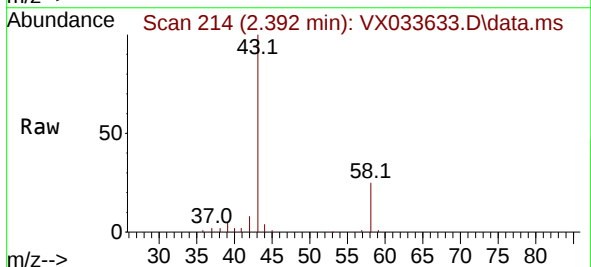
Instrument :
MSVOA_X
ClientSampleId :
PB050057ZHE#10

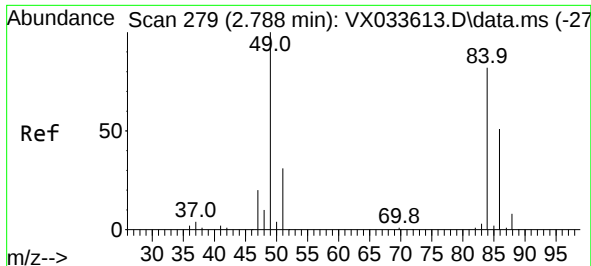
Tgt Ion:168 Resp: 168777
Ion Ratio Lower Upper
168 100
99 50.7 41.4 62.2



#16
Acetone
Concen: 31.663 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX033633.D
Acq: 06 Jan 2023 16:11

Tgt Ion: 43 Resp: 28016
Ion Ratio Lower Upper
43 100
58 24.6 22.9 34.3

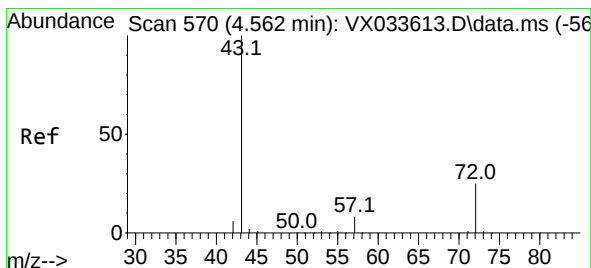
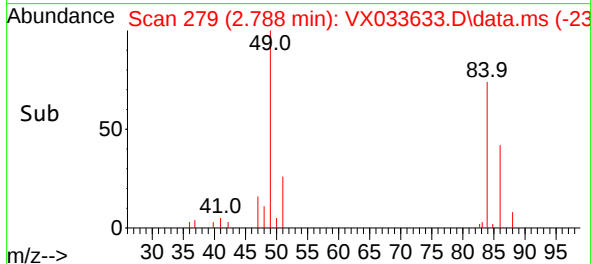
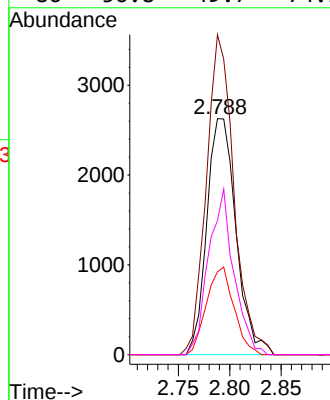
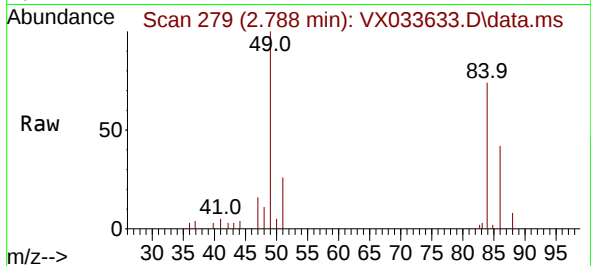




#20
Methylene Chloride
Concen: 1.083 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX033633.D
Acq: 06 Jan 2023 16:11

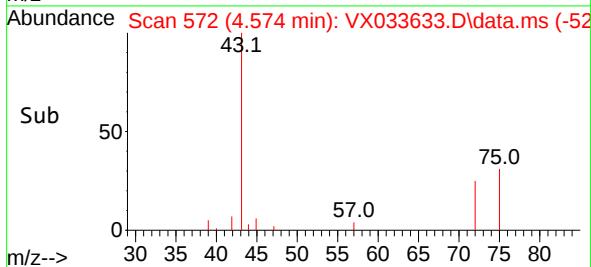
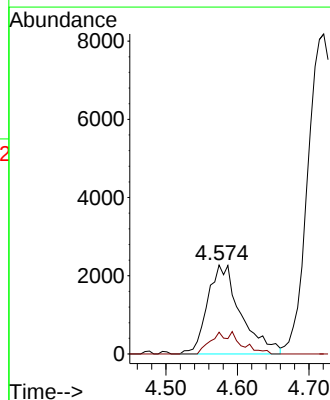
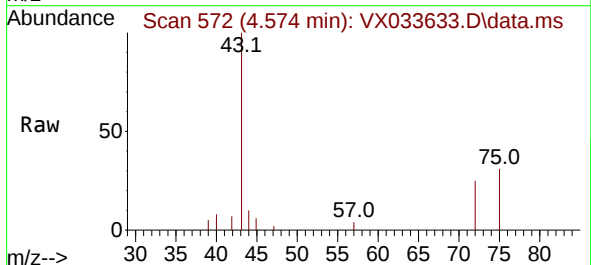
Instrument :
MSVOA_X
ClientSampleId :
PB050057ZHE#10

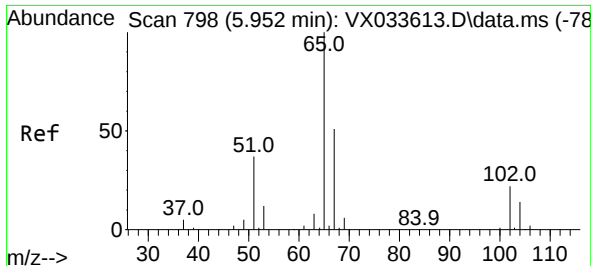
Tgt Ion:	84	Resp:	5197
Ion	Ratio	Lower	Upper
84	100		
49	135.6	97.6	146.4
51	35.1	30.4	45.6
86	56.8	49.7	74.5



#25
2-Butanone
Concen: 5.918 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.012 min
Lab File: VX033633.D
Acq: 06 Jan 2023 16:11

Tgt Ion:	43	Resp:	7362
Ion	Ratio	Lower	Upper
43	100		
72	24.5	19.8	29.6





#33

1,2-Dichloroethane-d4

Concen: 49.344 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX033633.D

Acq: 06 Jan 2023 16:11

Instrument :

MSVOA_X

ClientSampleId :

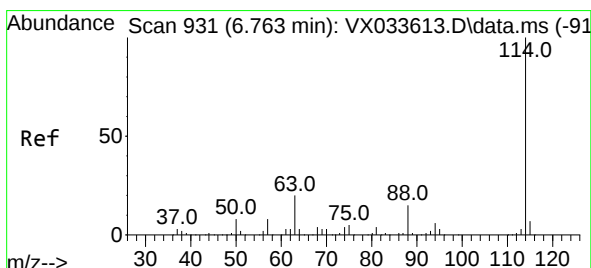
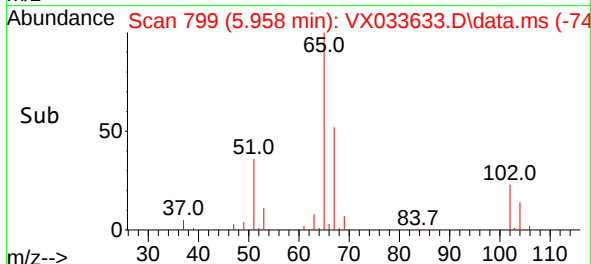
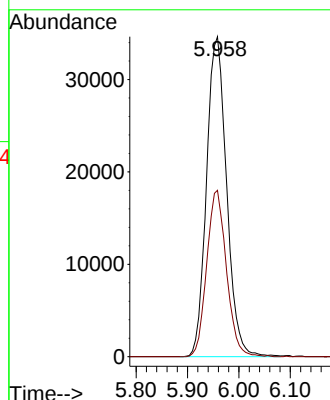
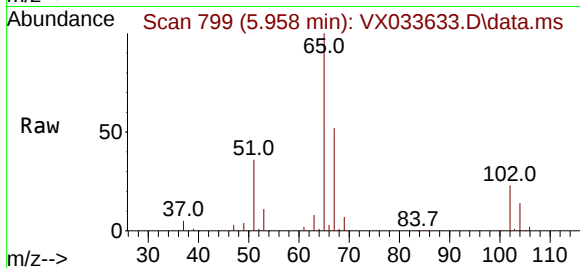
PB050057ZHE#10

Tgt Ion: 65 Resp: 94013

Ion Ratio Lower Upper

65 100

67 51.0 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX033633.D

Acq: 06 Jan 2023 16:11

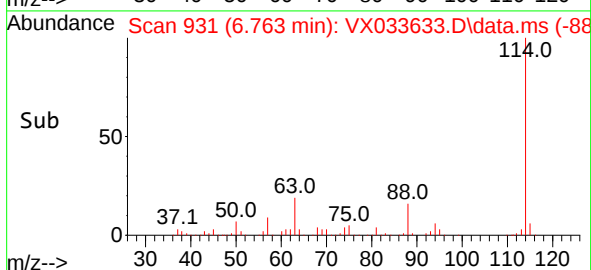
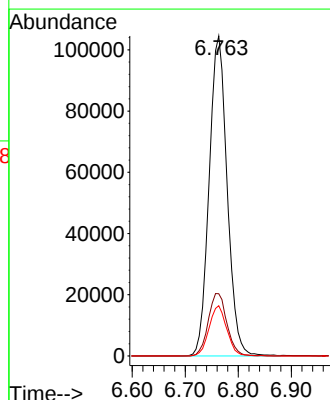
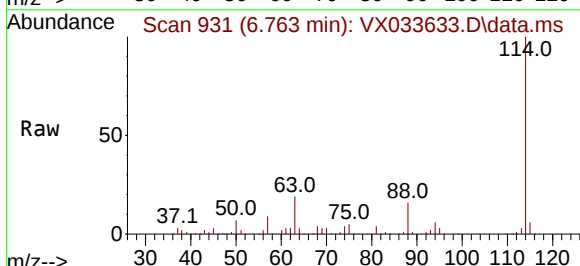
Tgt Ion: 114 Resp: 246906

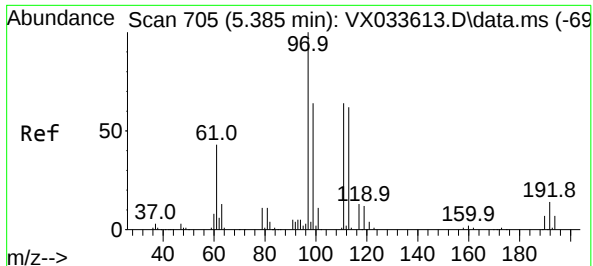
Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.0

88 15.7 0.0 29.6





#35

Dibromofluoromethane

Concen: 47.648 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX033633.D

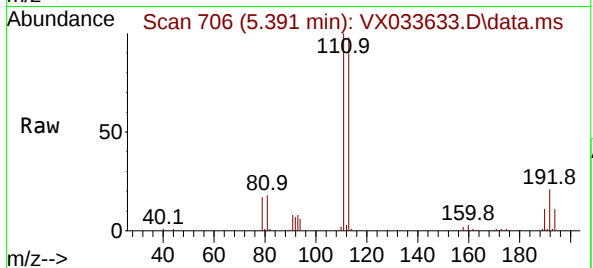
Acq: 06 Jan 2023 16:11

Instrument :

MSVOA_X

ClientSampleId :

PB050057ZHE#10



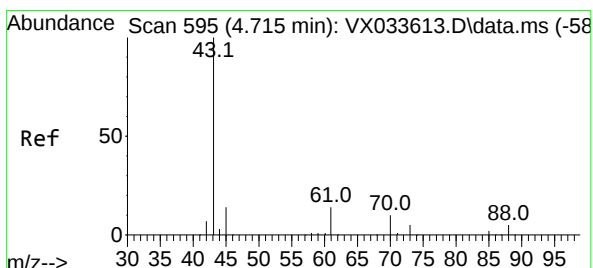
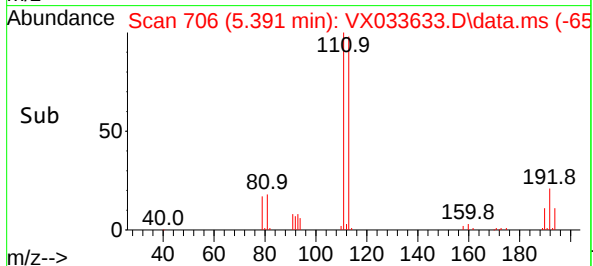
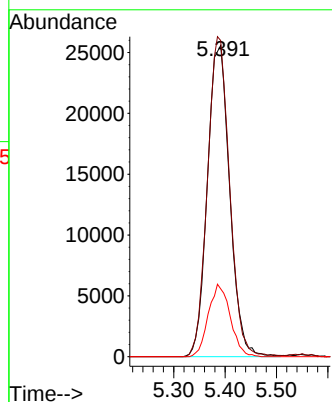
Tgt Ion:113 Resp: 77327

Ion Ratio Lower Upper

113 100

111 101.6 81.2 121.8

192 22.8 18.2 27.2



#37

Ethyl Acetate

Concen: 8.312 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX033633.D

Acq: 06 Jan 2023 16:11

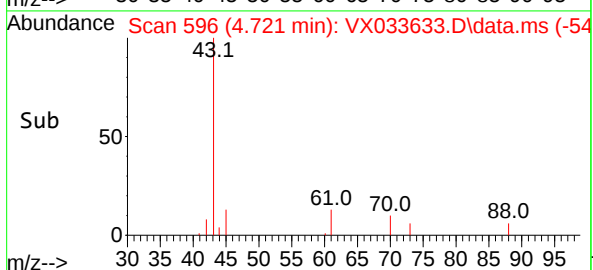
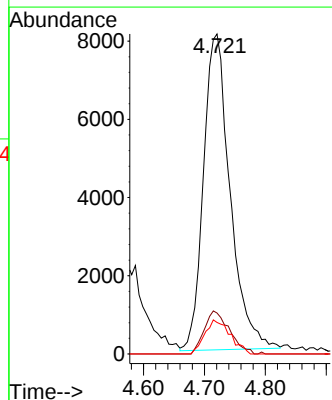
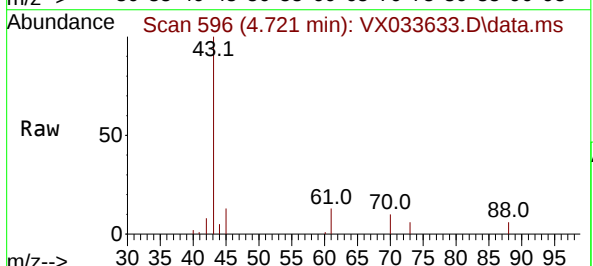
Tgt Ion: 43 Resp: 24562

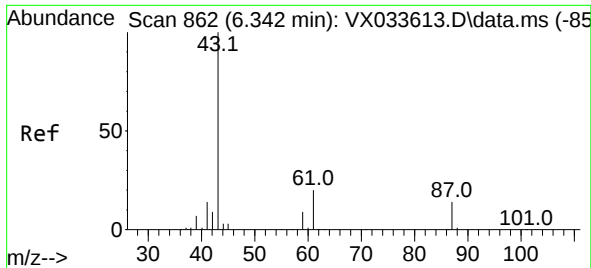
Ion Ratio Lower Upper

43 100

61 12.9 10.6 16.0

70 10.3 8.1 12.1

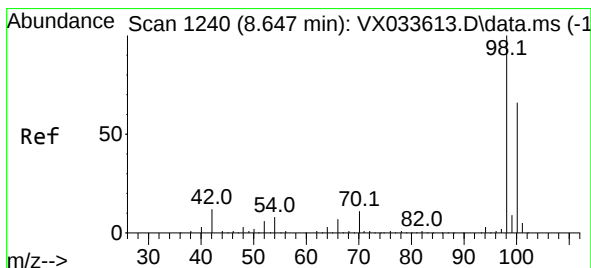
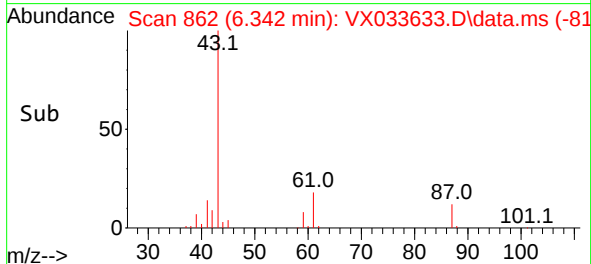
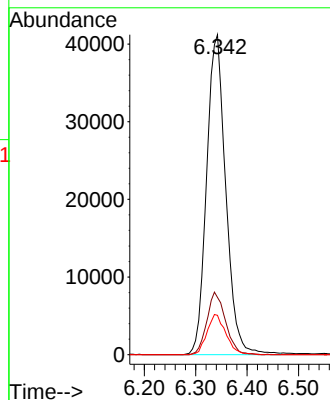
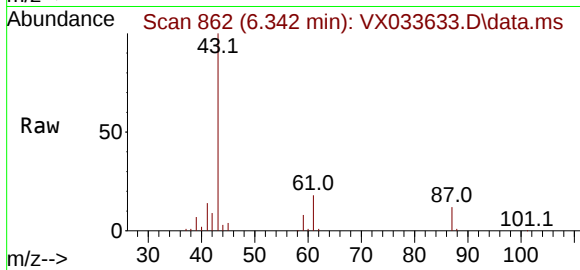




#43
Isopropyl Acetate
Concen: 28.433 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX033633.D
Acq: 06 Jan 2023 16:11

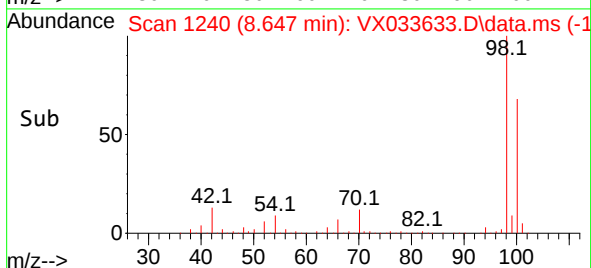
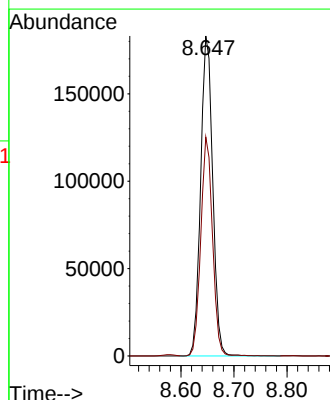
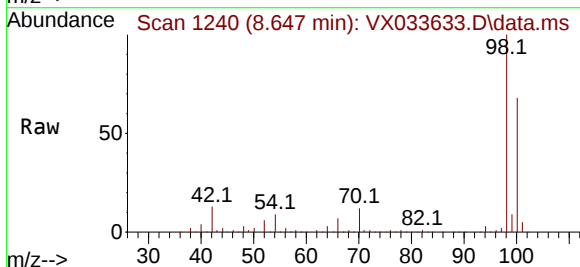
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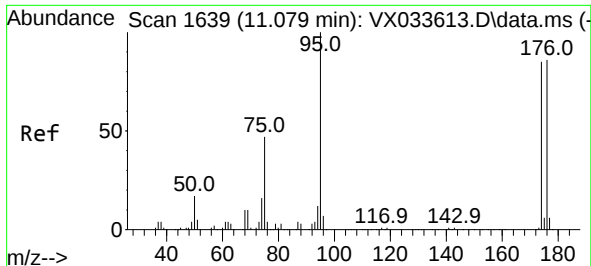
Tgt Ion: 43 Resp: 106865
Ion Ratio Lower Upper
43 100
61 19.0 15.2 22.8
87 12.4 10.6 16.0



#50
Toluene-d8
Concen: 49.897 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX033633.D
Acq: 06 Jan 2023 16:11

Tgt Ion: 98 Resp: 289434
Ion Ratio Lower Upper
98 100
100 66.7 53.6 80.4

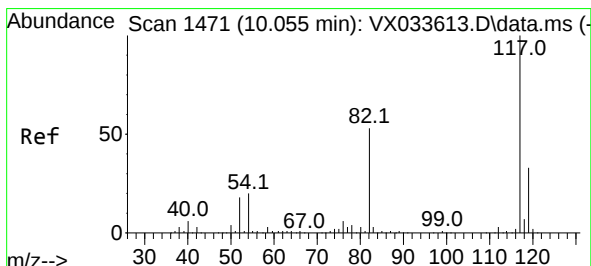
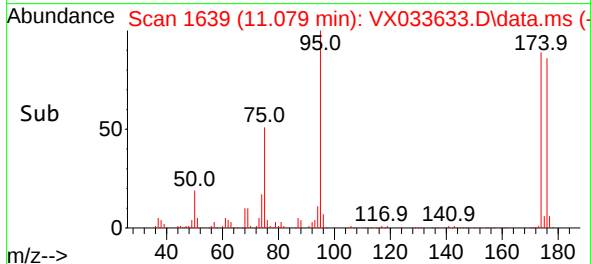
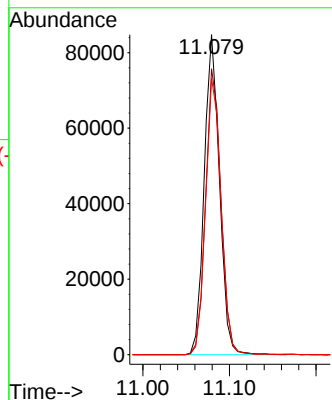
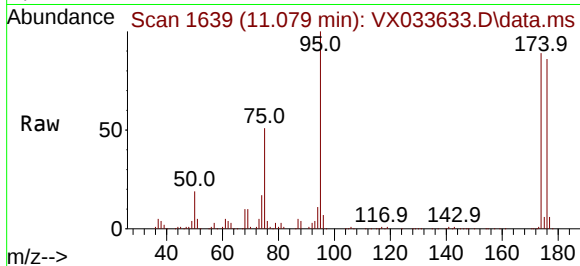




#62
4-Bromofluorobenzene
Concen: 50.242 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033633.D
Acq: 06 Jan 2023 16:11

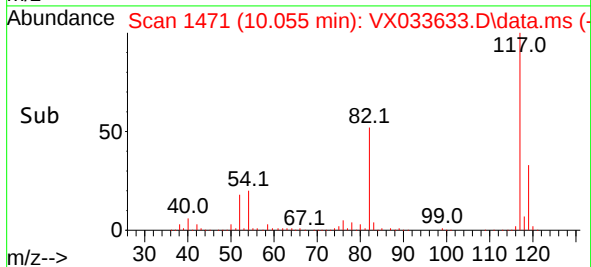
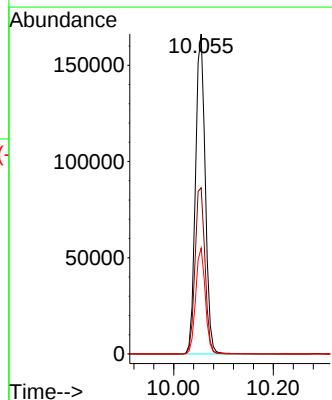
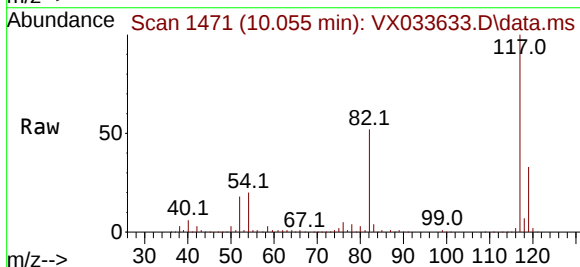
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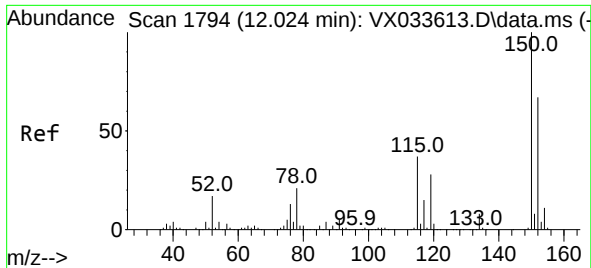
Tgt Ion: 95 Resp: 103301
Ion Ratio Lower Upper
95 100
174 90.6 0.0 180.4
176 88.3 0.0 176.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033633.D
Acq: 06 Jan 2023 16:11

Tgt Ion: 117 Resp: 225435
Ion Ratio Lower Upper
117 100
82 51.9 42.2 63.2
119 33.1 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX033633.D

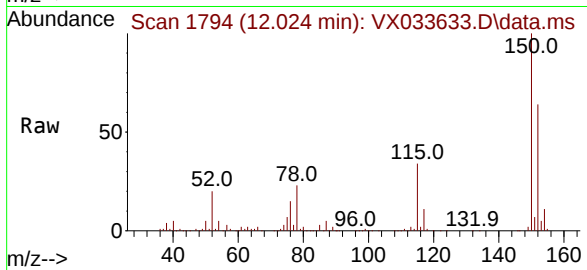
Acq: 06 Jan 2023 16:11

Instrument :

MSVOA_X

ClientSampleId :

PB050057ZHE#10



Tgt Ion:152 Resp: 78293

Ion Ratio Lower Upper

152 100

115 55.0 38.5 115.5

150 155.2 0.0 340.4

