

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010623\
 Data File : VX033627.D
 Acq On : 06 Jan 2023 13:52
 Operator : JC/MD
 Sample : PB050057ZHE#04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB050057ZHE#04

Quant Time: Jan 07 04:24:02 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)

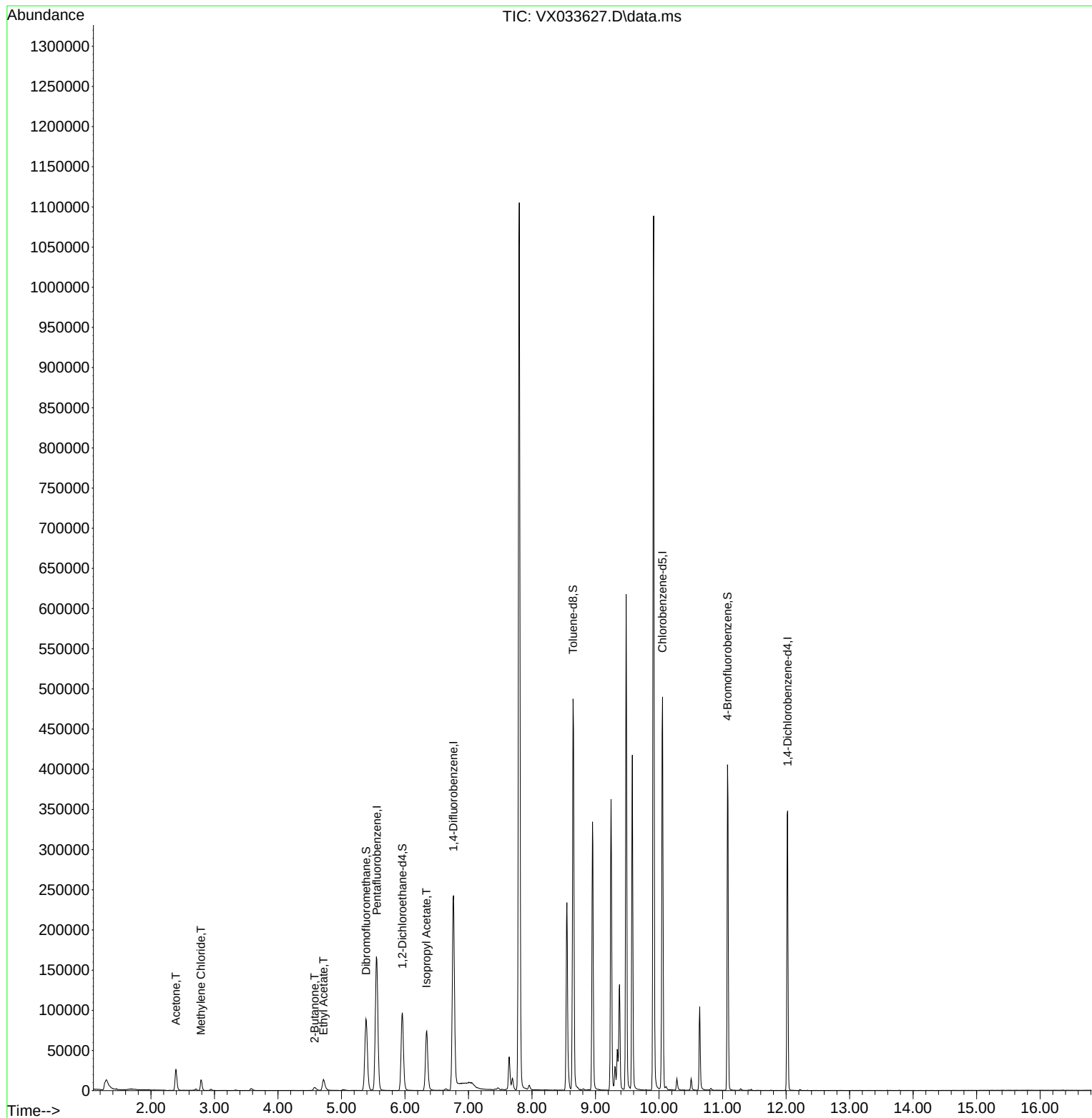
Internal Standards						
1) Pentafluorobenzene	5.556	168	170654	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	248503	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	222158	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74556	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	94283	48.941	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.880%
35) Dibromofluoromethane	5.385	113	76643	46.923	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.840%
50) Toluene-d8	8.646	98	289215	49.539	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.080%
62) 4-Bromofluorobenzene	11.079	95	102257	49.415	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.820%
Target Compounds						
					Qvalue	
16) Acetone	2.391	43	35421	43.088	ug/l	95
20) Methylene Chloride	2.788	84	6192	1.687	ug/l	93
25) 2-Butanone	4.574	43	7284	5.791	ug/l	92
37) Ethyl Acetate	4.714	43	24594	8.258	ug/l	98
43) Isopropyl Acetate	6.336	43	105898	27.994	ug/l	99

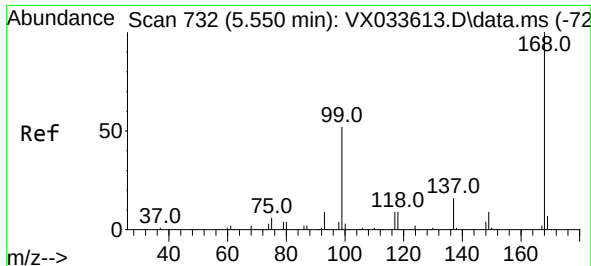
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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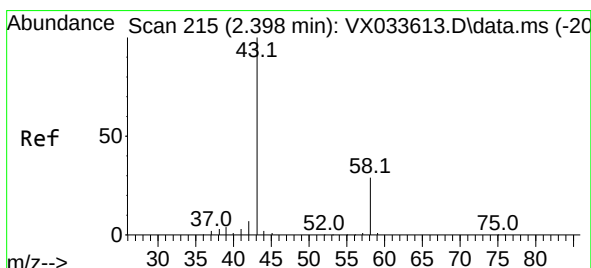
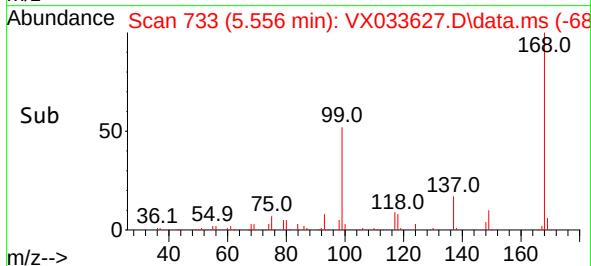
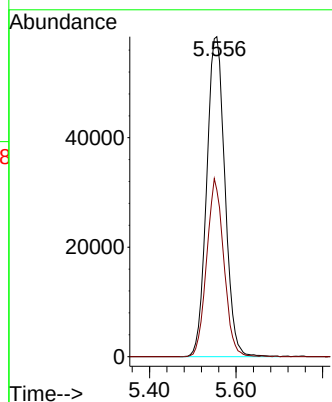
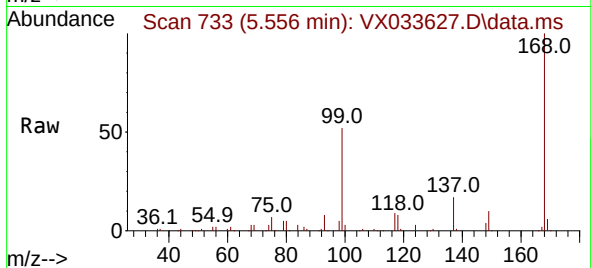




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX033627.D
Acq: 06 Jan 2023 13:52

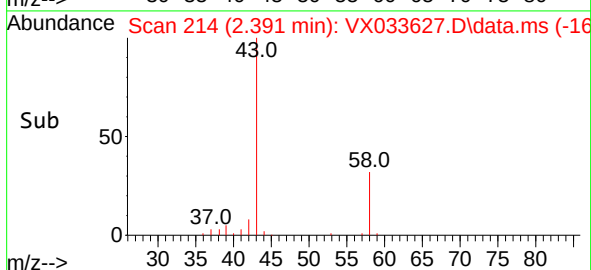
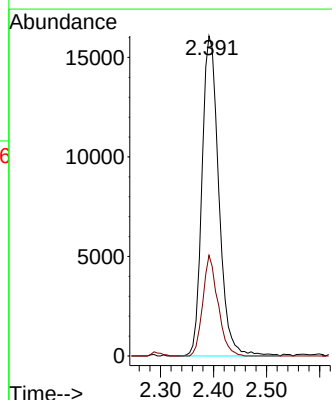
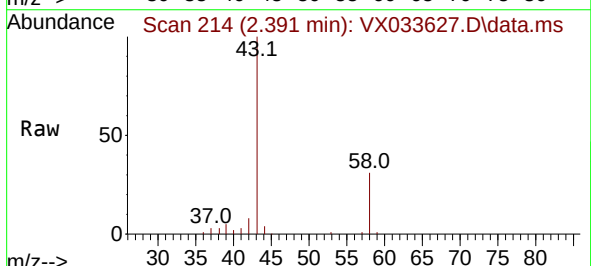
Instrument :
MSVOA_X
ClientSampleId :
PB050057ZHE#04

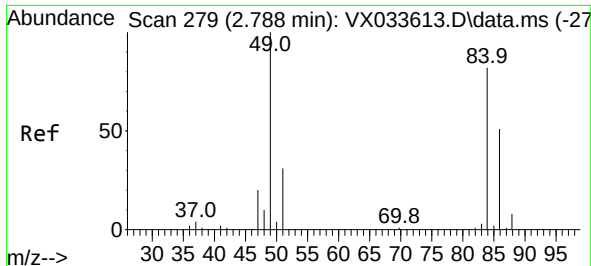
Tgt Ion:168 Resp: 170654
Ion Ratio Lower Upper
168 100
99 52.1 41.4 62.2



#16
Acetone
Concen: 43.088 ug/l
RT: 2.391 min Scan# 214
Delta R.T. -0.007 min
Lab File: VX033627.D
Acq: 06 Jan 2023 13:52

Tgt Ion: 43 Resp: 35421
Ion Ratio Lower Upper
43 100
58 31.5 22.9 34.3

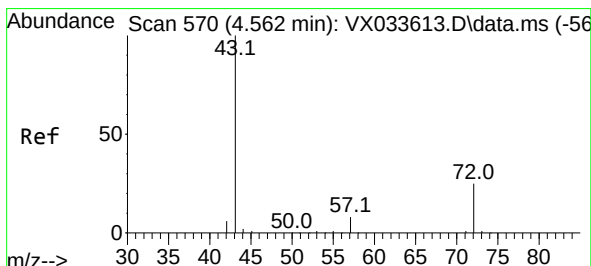
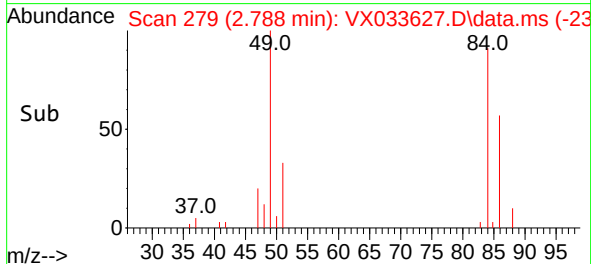
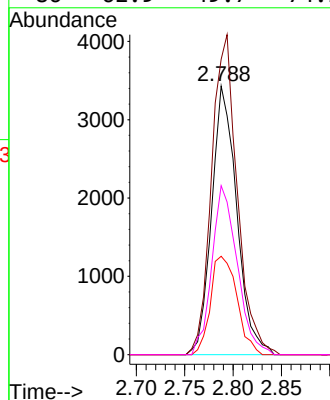
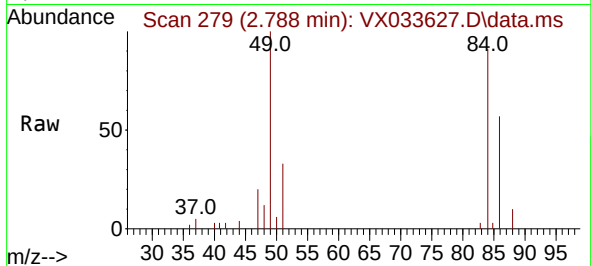




#20
Methylene Chloride
Concen: 1.687 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX033627.D
Acq: 06 Jan 2023 13:52

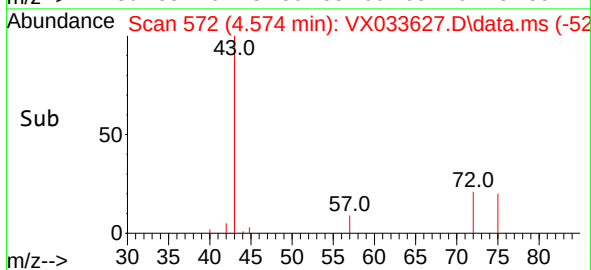
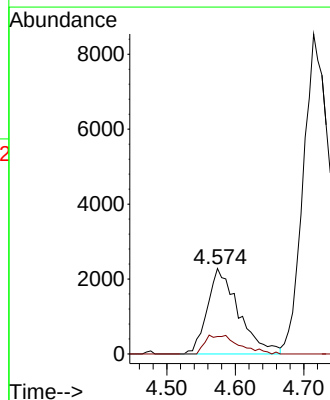
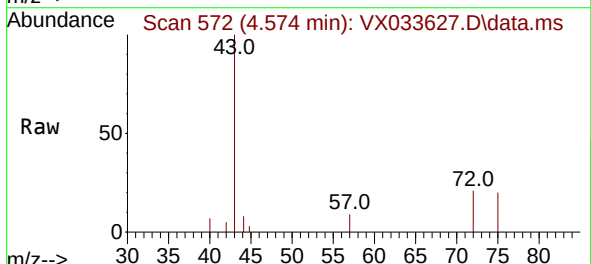
Instrument :
MSVOA_X
ClientSampleId :
PB050057ZHE#04

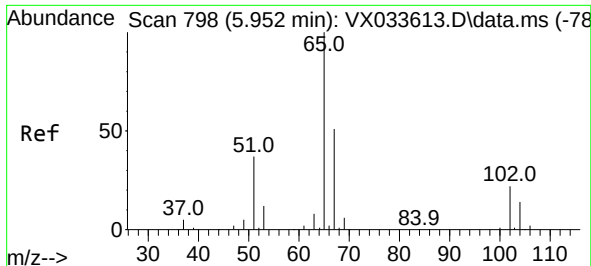
Tgt Ion:	84	Resp:	6192
Ion	Ratio	Lower	Upper
84	100		
49	109.9	97.6	146.4
51	36.6	30.4	45.6
86	62.9	49.7	74.5



#25
2-Butanone
Concen: 5.791 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.012 min
Lab File: VX033627.D
Acq: 06 Jan 2023 13:52

Tgt Ion:	43	Resp:	7284
Ion	Ratio	Lower	Upper
43	100		
72	20.5	19.8	29.6





#33

1,2-Dichloroethane-d4

Concen: 48.941 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX033627.D

Acq: 06 Jan 2023 13:52

Instrument :

MSVOA_X

ClientSampleId :

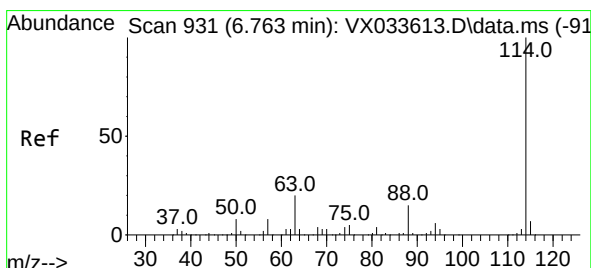
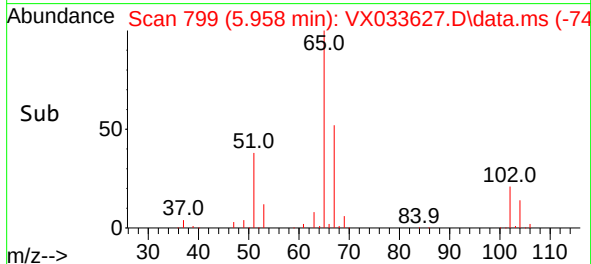
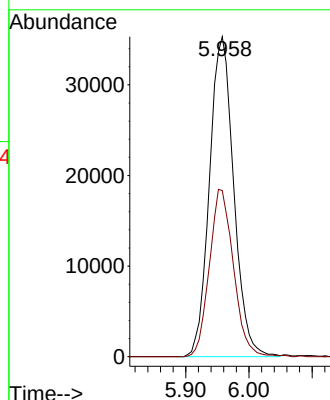
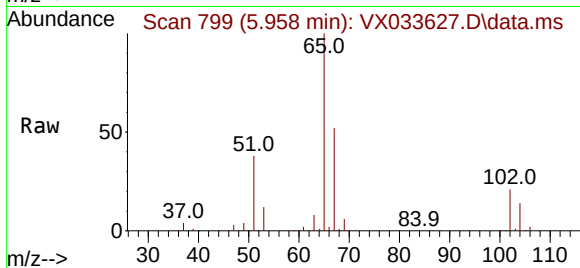
PB050057ZHE#04

Tgt Ion: 65 Resp: 94283

Ion Ratio Lower Upper

65 100

67 51.9 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: VX033627.D

Acq: 06 Jan 2023 13:52

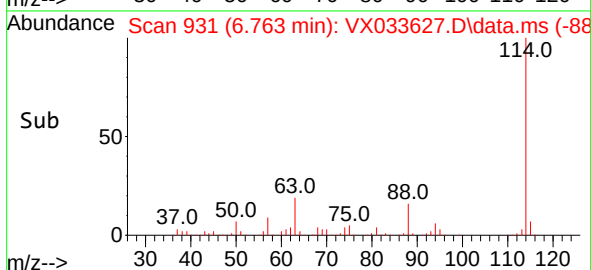
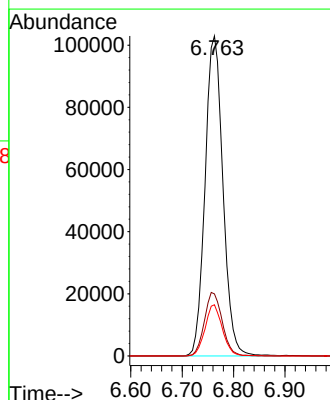
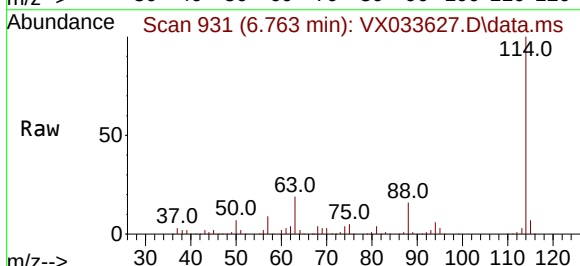
Tgt Ion: 114 Resp: 248503

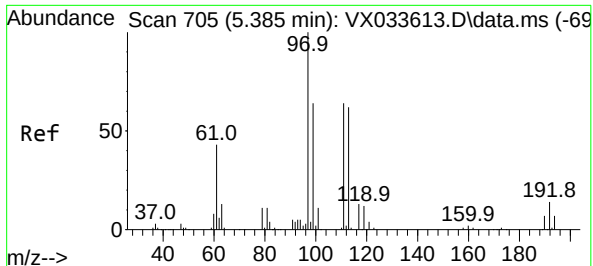
Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.0

88 16.0 0.0 29.6





#35

Dibromofluoromethane

Concen: 46.923 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX033627.D

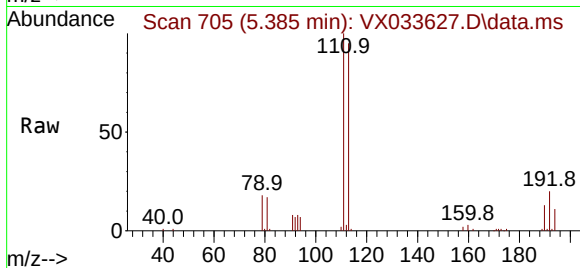
Acq: 06 Jan 2023 13:52

Instrument :

MSVOA_X

ClientSampleId :

PB050057ZHE#04



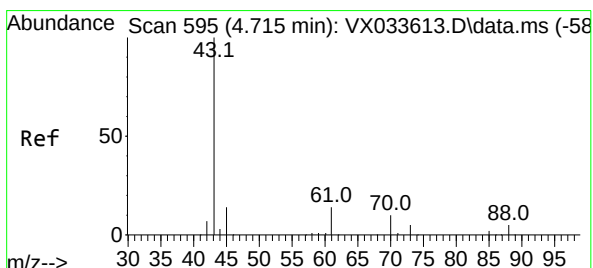
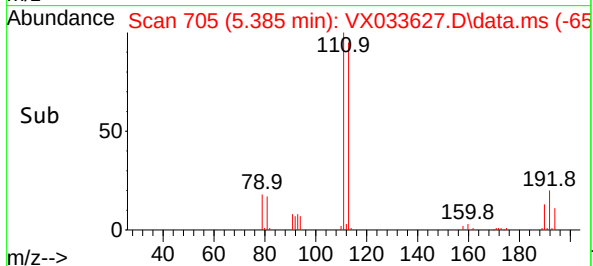
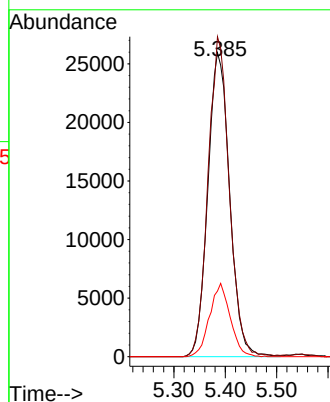
Tgt Ion:113 Resp: 76643

Ion Ratio Lower Upper

113 100

111 102.2 81.2 121.8

192 22.8 18.2 27.2



#37

Ethyl Acetate

Concen: 8.258 ug/l

RT: 4.714 min Scan# 595

Delta R.T. -0.001 min

Lab File: VX033627.D

Acq: 06 Jan 2023 13:52

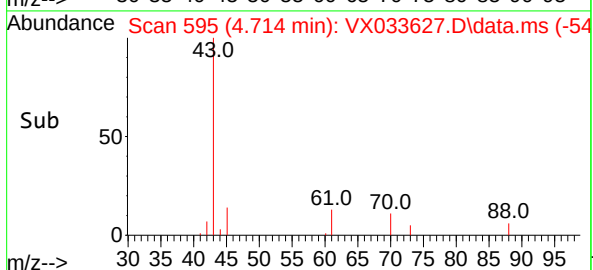
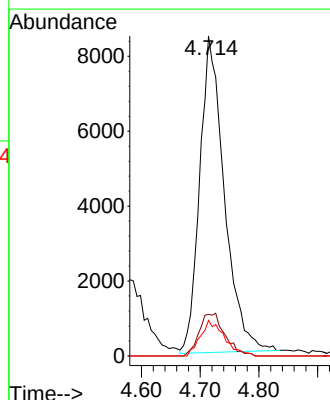
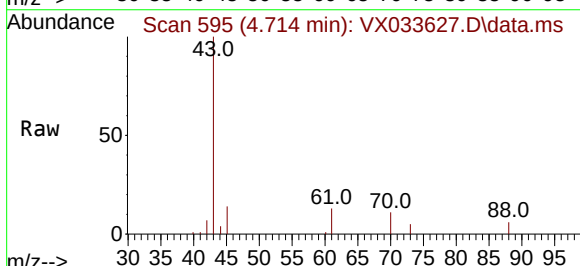
Tgt Ion: 43 Resp: 24594

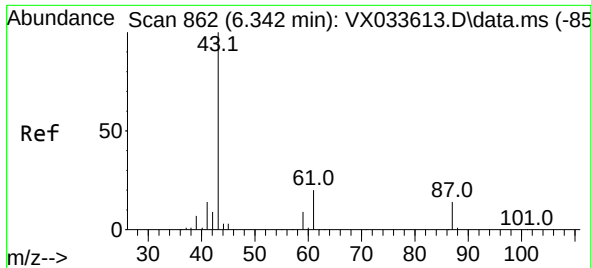
Ion Ratio Lower Upper

43 100

61 14.0 10.6 16.0

70 10.9 8.1 12.1

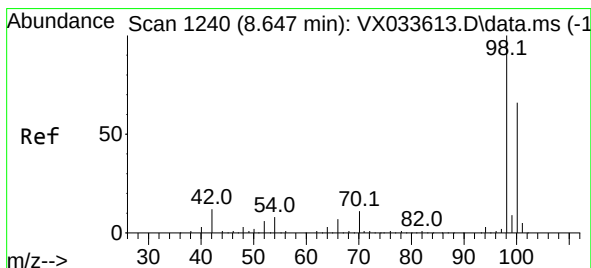
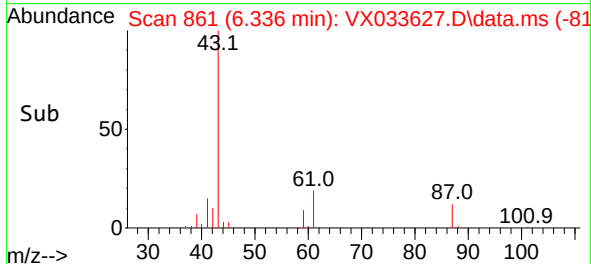
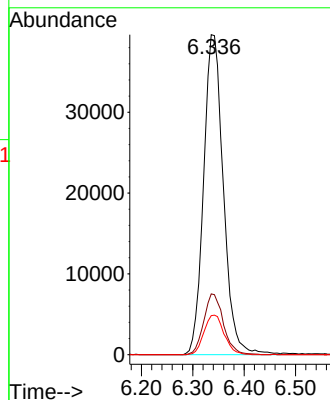
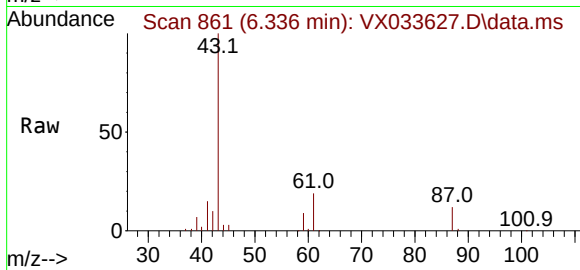




#43
Isopropyl Acetate
Concen: 27.994 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.007 min
Lab File: VX033627.D
Acq: 06 Jan 2023 13:52

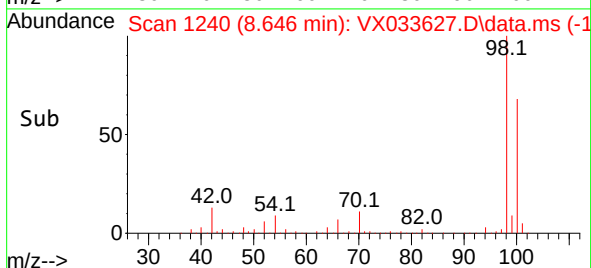
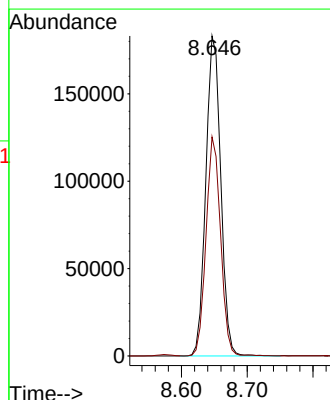
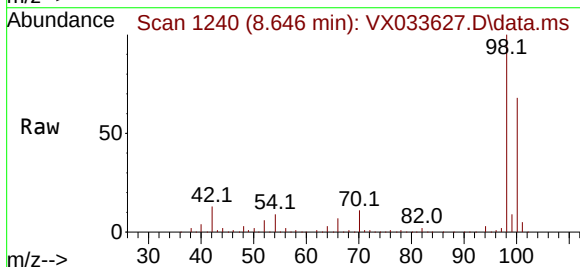
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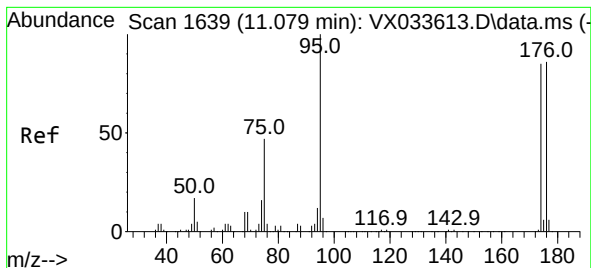
Tgt Ion: 43 Resp: 105898
Ion Ratio Lower Upper
43 100
61 18.9 15.2 22.8
87 12.6 10.6 16.0



#50
Toluene-d8
Concen: 49.539 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX033627.D
Acq: 06 Jan 2023 13:52

Tgt Ion: 98 Resp: 289215
Ion Ratio Lower Upper
98 100
100 66.9 53.6 80.4

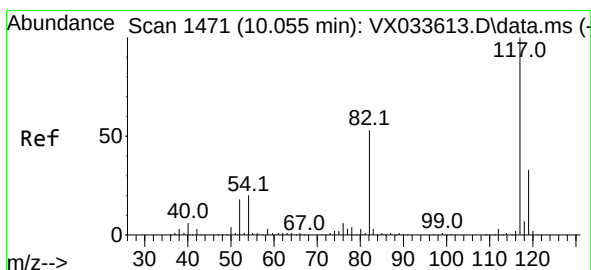
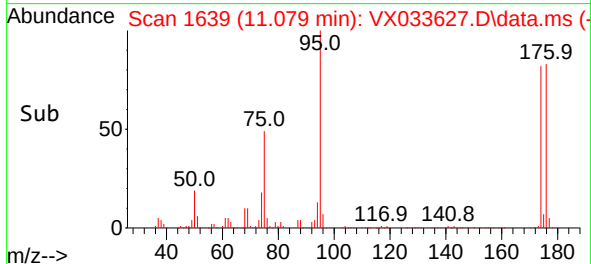
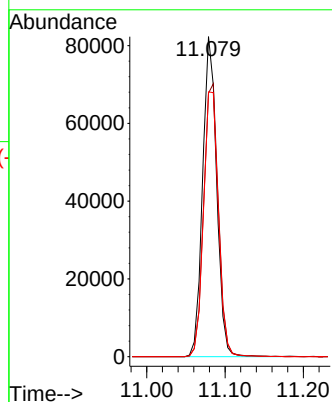
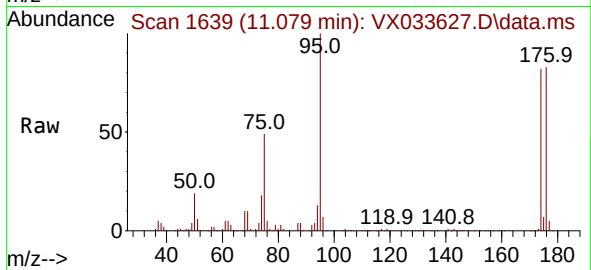




#62
4-Bromofluorobenzene
Concen: 49.415 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033627.D
Acq: 06 Jan 2023 13:52

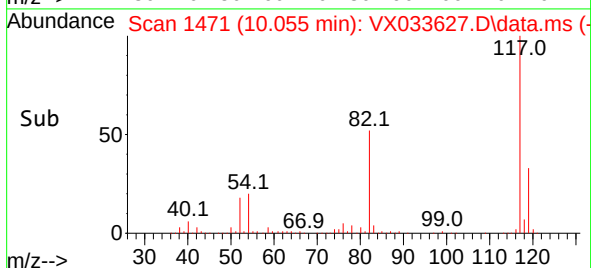
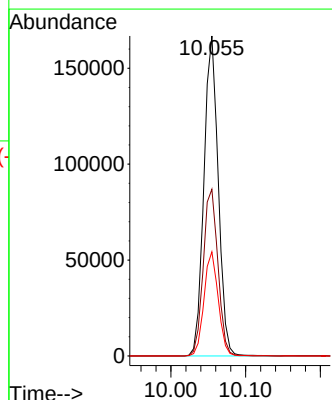
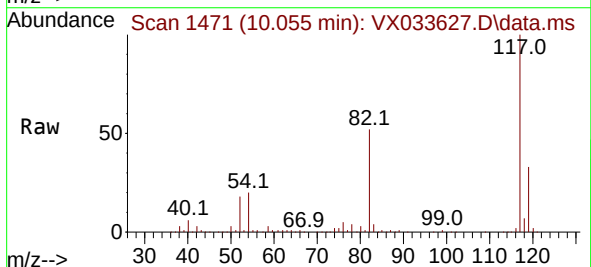
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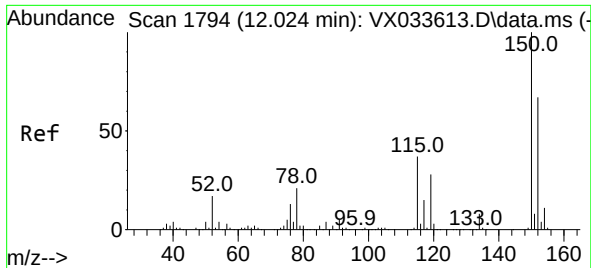
Tgt Ion: 95 Resp: 102257
Ion Ratio Lower Upper
95 100
174 90.2 0.0 180.4
176 88.4 0.0 176.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033627.D
Acq: 06 Jan 2023 13:52

Tgt Ion: 117 Resp: 222158
Ion Ratio Lower Upper
117 100
82 52.1 42.2 63.2
119 32.6 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: VX033627.D

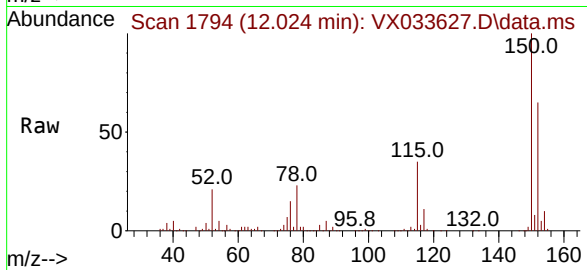
Acq: 06 Jan 2023 13:52

Instrument :

MSVOA_X

ClientSampleId :

PB050057ZHE#04



Tgt Ion:152 Resp: 74556

Ion Ratio Lower Upper

152 100

115 55.6 38.5 115.5

150 153.5 0.0 340.4

