

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080222\
 Data File : VX030359.D
 Acq On : 02 Aug 2022 17:52
 Operator : JC/MD
 Sample : PB146634ZHE#06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB146634ZHE#06

Quant Time: Aug 03 01:10:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

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

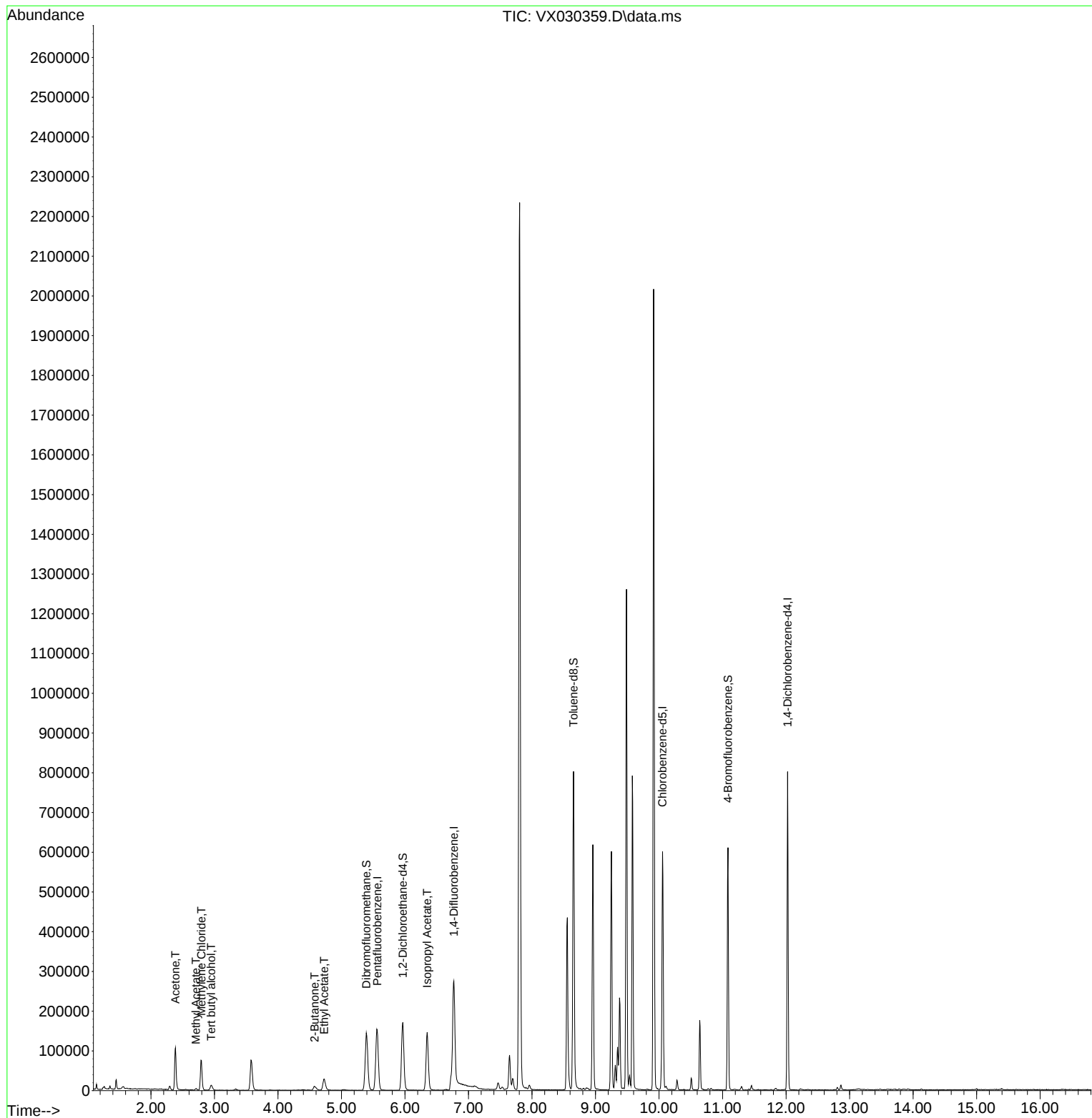
Internal Standards						
1) Pentafluorobenzene	5.562	168	145727	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	265127	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	264976	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	149904	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	158106	53.979	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.960%	
35) Dibromofluoromethane	5.391	113	127602	50.346	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.700%	
50) Toluene-d8	8.653	98	468396	47.722	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 95.440%	
62) 4-Bromofluorobenzene	11.085	95	170009	46.672	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 93.340%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	9335	13.066	ug/l #	77
16) Acetone	2.386	43	115337	76.913	ug/l	96
18) Methyl Acetate	2.709	43	5000	1.127	ug/l	98
20) Methylene Chloride	2.794	84	33871	11.210	ug/l	98
25) 2-Butanone	4.574	43	14061	5.580	ug/l	95
37) Ethyl Acetate	4.727	43	49128	9.511	ug/l	100
43) Isopropyl Acetate	6.348	43	201405	26.599	ug/l	97

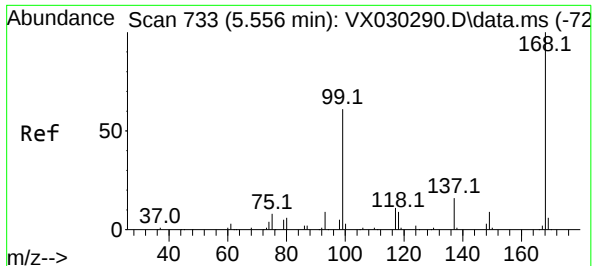
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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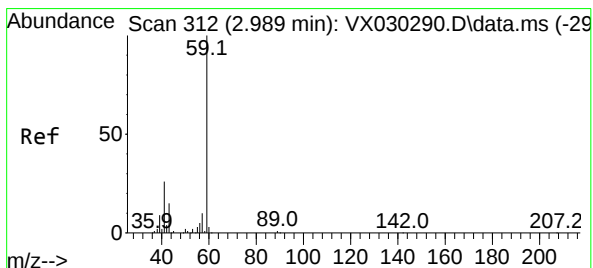
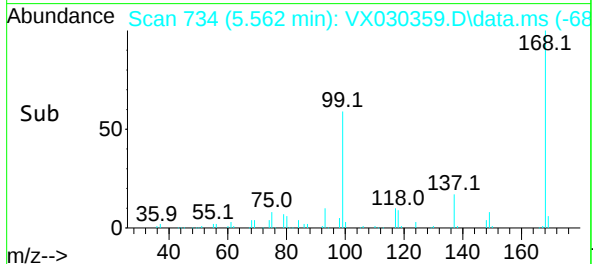
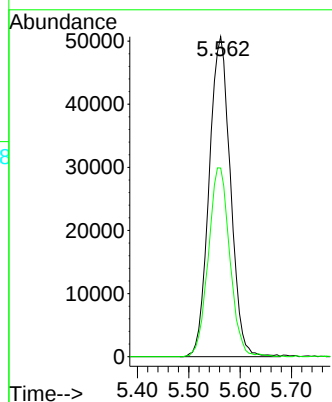
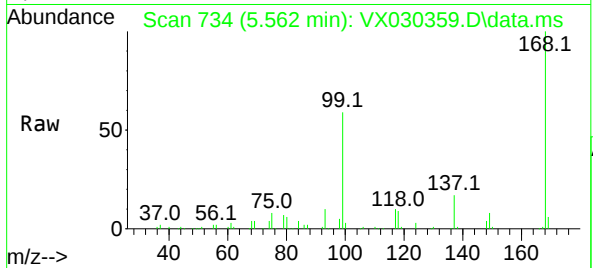




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX030359.D
Acq: 02 Aug 2022 17:52

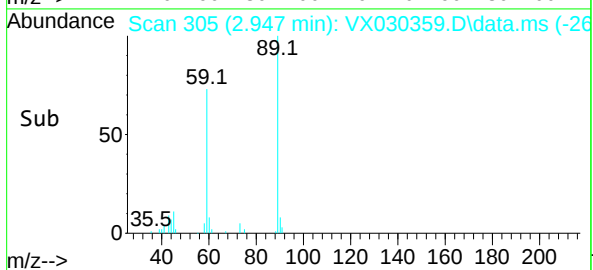
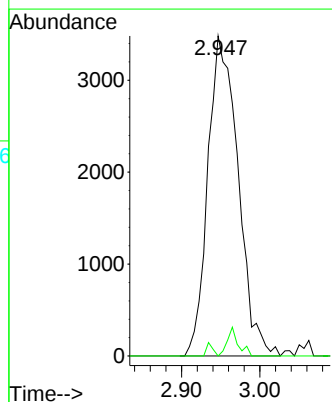
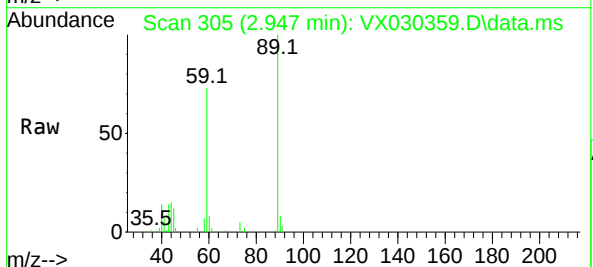
Instrument :
MSVOA_X
ClientSampleId :
PB146634ZHE#06

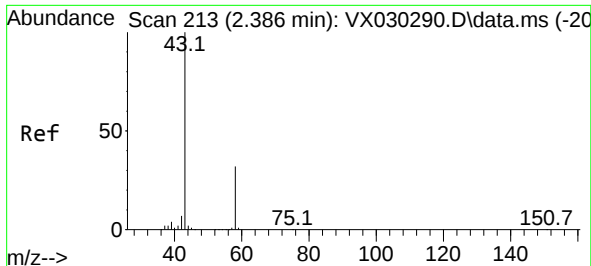
Tgt Ion:168 Resp: 145727
Ion Ratio Lower Upper
168 100
99 58.9 44.0 66.0



#11
Tert butyl alcohol
Concen: 13.066 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.030 min
Lab File: VX030359.D
Acq: 02 Aug 2022 17:52

Tgt Ion: 59 Resp: 9335
Ion Ratio Lower Upper
59 100
57 0.8 7.4 11.2#

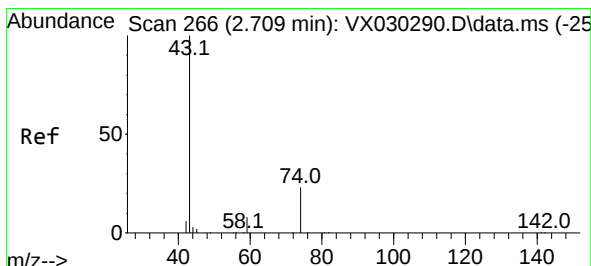
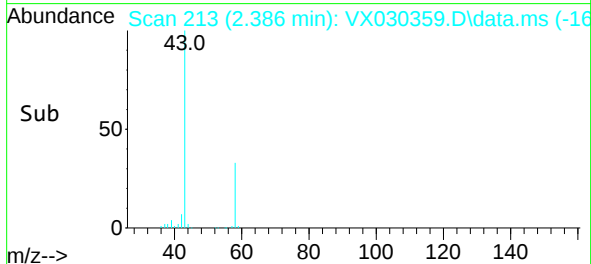
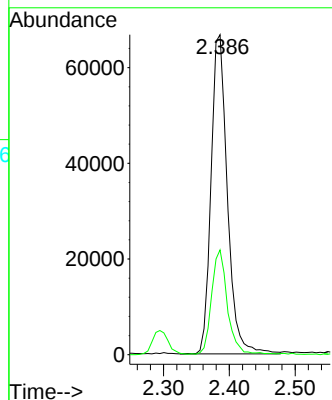
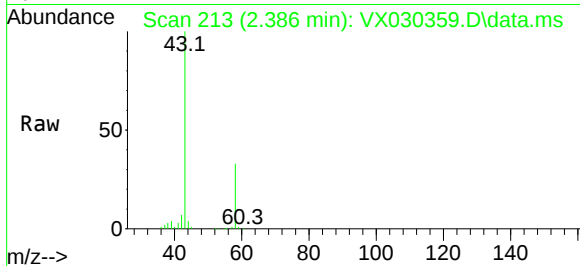




#16
Acetone
Concen: 76.913 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.001 min
Lab File: VX030359.D
Acq: 02 Aug 2022 17:52

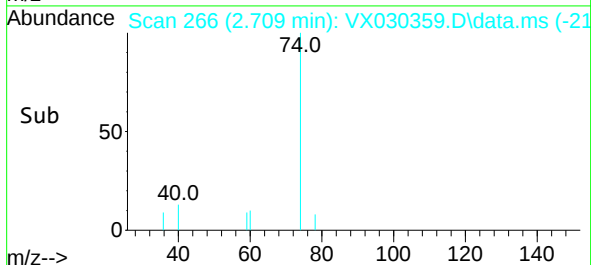
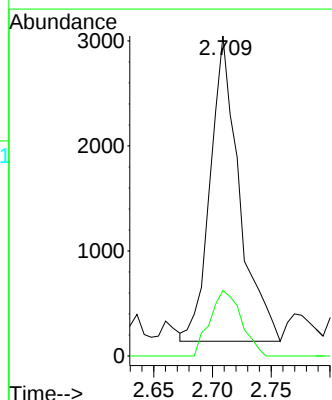
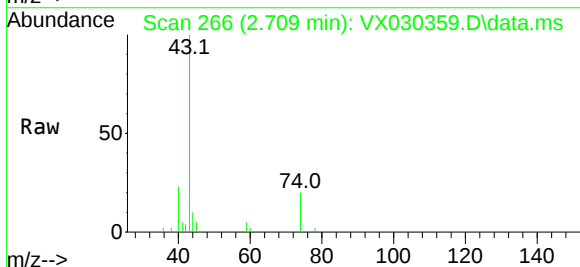
Instrument :
MSVOA_X
ClientSampleId :
PB146634ZHE#06

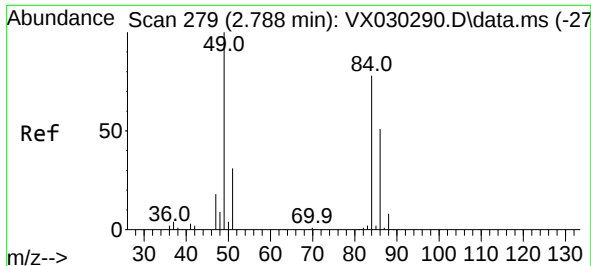
Tgt Ion: 43 Resp: 115337
Ion Ratio Lower Upper
43 100
58 32.5 27.7 41.5



#18
Methyl Acetate
Concen: 1.127 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.001 min
Lab File: VX030359.D
Acq: 02 Aug 2022 17:52

Tgt Ion: 43 Resp: 5000
Ion Ratio Lower Upper
43 100
74 23.1 19.4 29.2

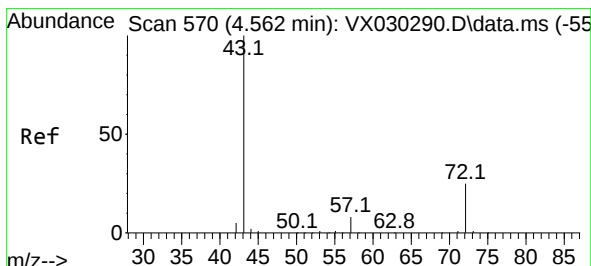
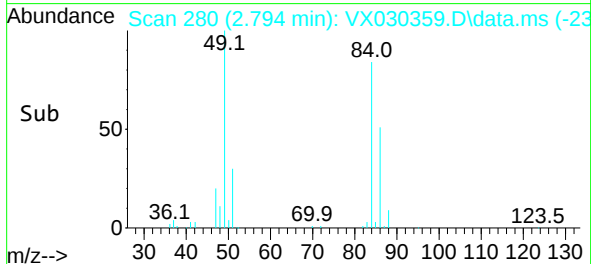
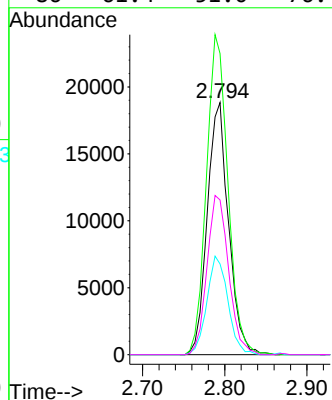
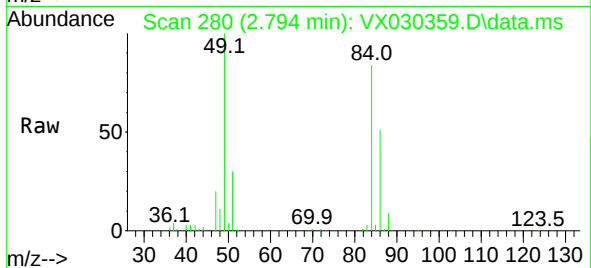




#20
Methylene Chloride
Concen: 11.210 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX030359.D
Acq: 02 Aug 2022 17:52

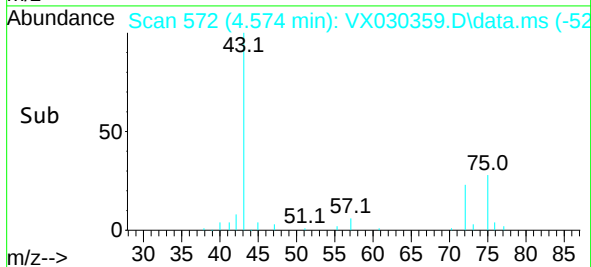
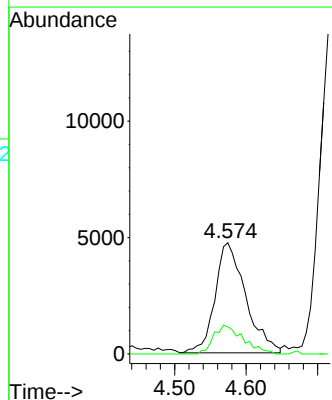
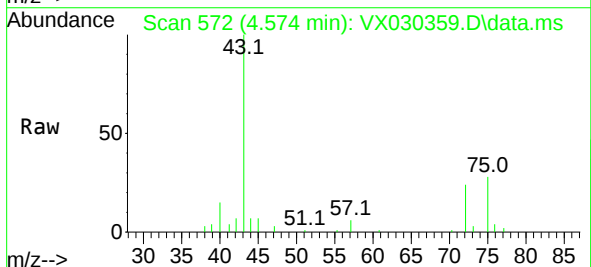
Instrument :
MSVOA_X
ClientSampleId :
PB146634ZHE#06

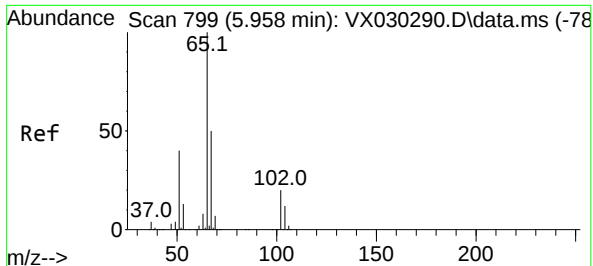
Tgt Ion:	84	Resp:	33871
Ion	Ratio	Lower	Upper
84	100		
49	119.4	93.8	140.6
51	36.0	29.4	44.0
86	61.4	51.0	76.4



#25
2-Butanone
Concen: 5.580 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX030359.D
Acq: 02 Aug 2022 17:52

Tgt Ion:	43	Resp:	14061
Ion	Ratio	Lower	Upper
43	100		
72	24.7	21.7	32.5





#33

1,2-Dichloroethane-d4

Concen: 53.979 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.000 min

Lab File: VX030359.D

Acq: 02 Aug 2022 17:52

Instrument :

MSVOA_X

ClientSampleId :

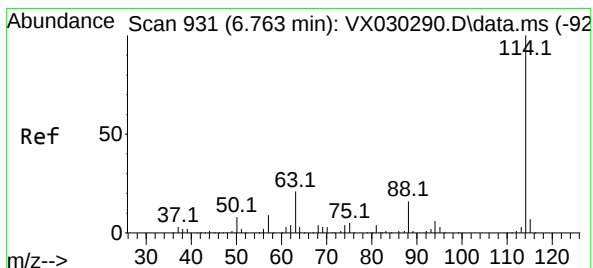
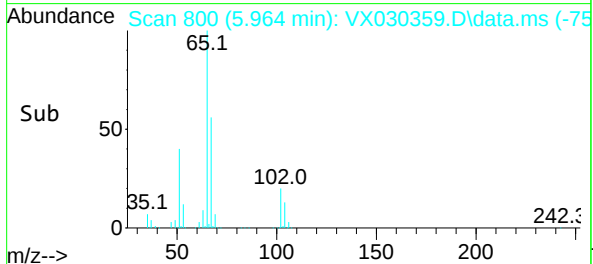
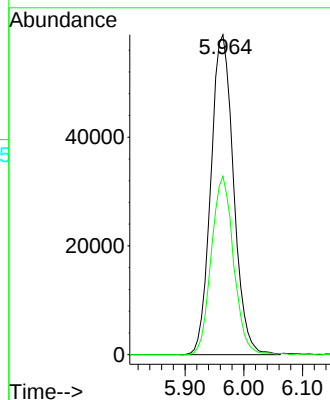
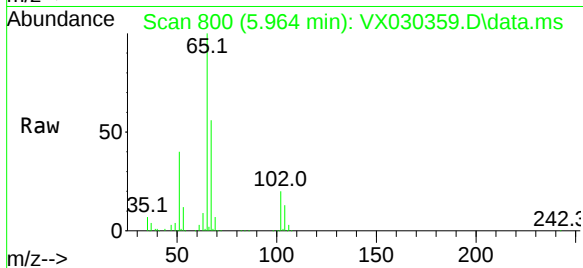
PB146634ZHE#06

Tgt Ion: 65 Resp: 158106

Ion Ratio Lower Upper

65 100

67 54.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX030359.D

Acq: 02 Aug 2022 17:52

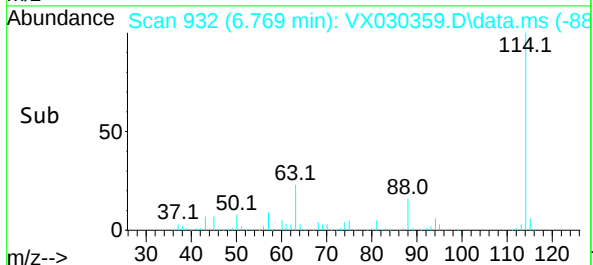
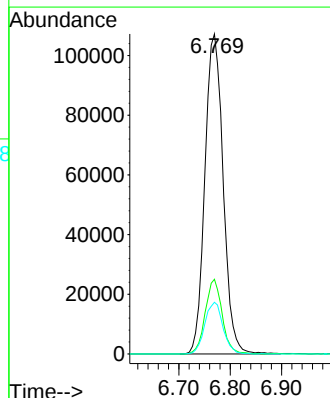
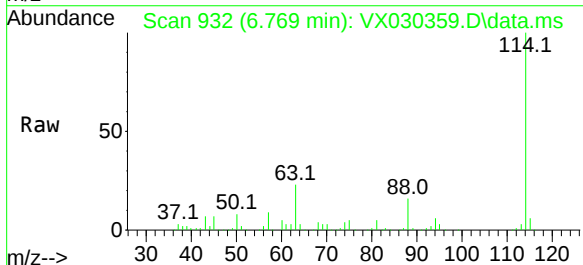
Tgt Ion: 114 Resp: 265127

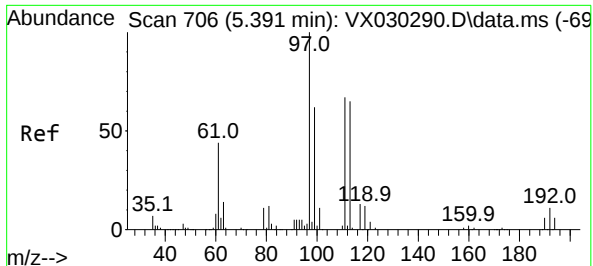
Ion Ratio Lower Upper

114 100

63 23.3 0.0 38.4

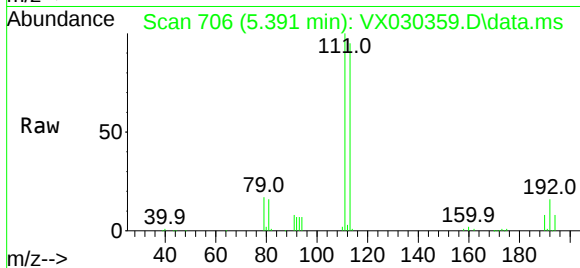
88 16.1 0.0 31.8



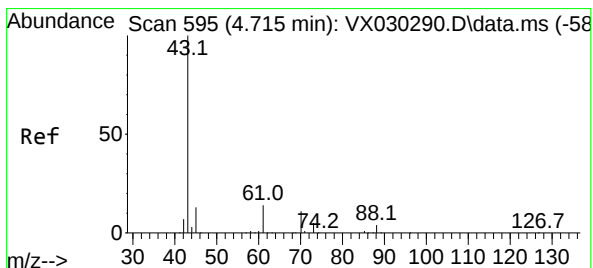
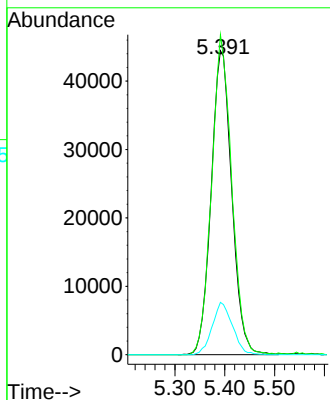
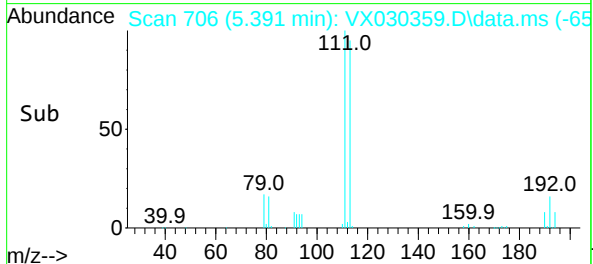


#35
Dibromofluoromethane
Concen: 50.346 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030359.D
Acq: 02 Aug 2022 17:52

Instrument :
MSVOA_X
ClientSampleId :
PB146634ZHE#06

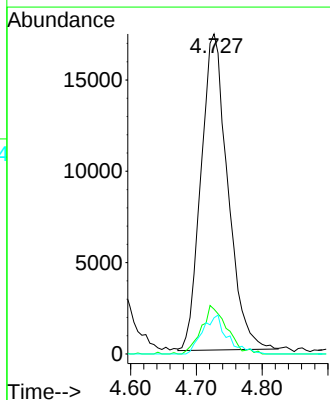
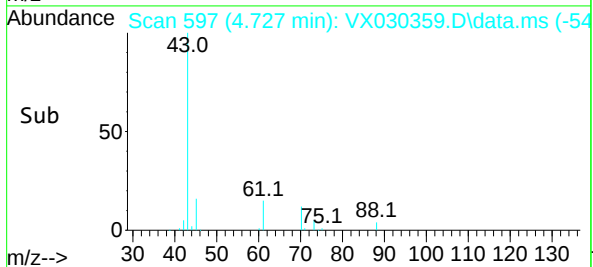
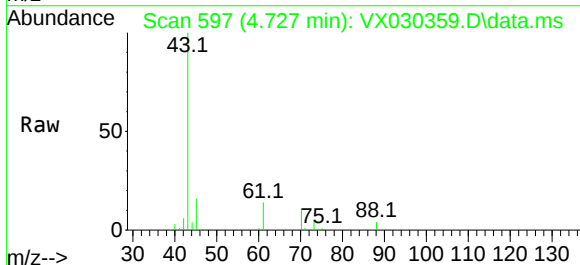


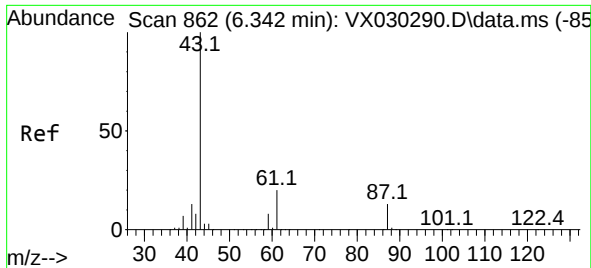
Tgt Ion:113 Resp: 127602
Ion Ratio Lower Upper
113 100
111 102.5 83.2 124.8
192 16.9 14.8 22.2



#37
Ethyl Acetate
Concen: 9.511 ug/l
RT: 4.727 min Scan# 597
Delta R.T. 0.007 min
Lab File: VX030359.D
Acq: 02 Aug 2022 17:52

Tgt Ion: 43 Resp: 49128
Ion Ratio Lower Upper
43 100
61 14.6 11.7 17.5
70 11.3 9.3 13.9

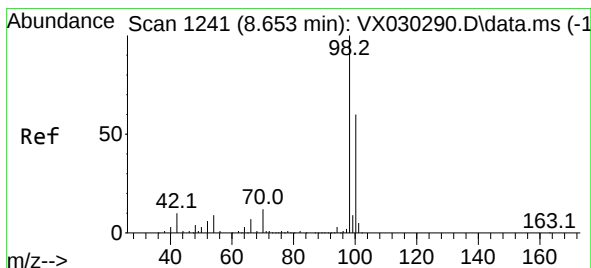
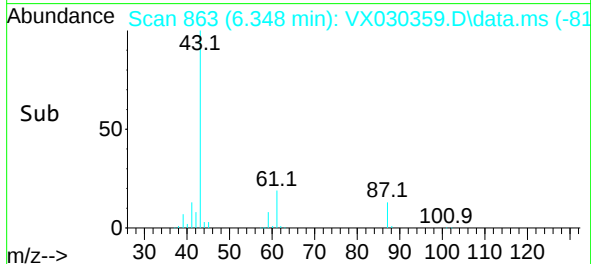
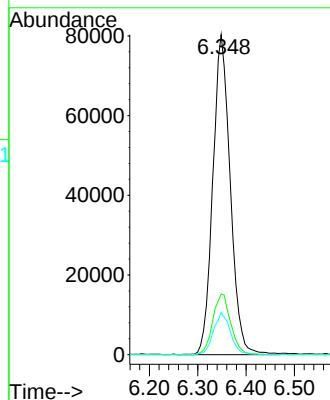
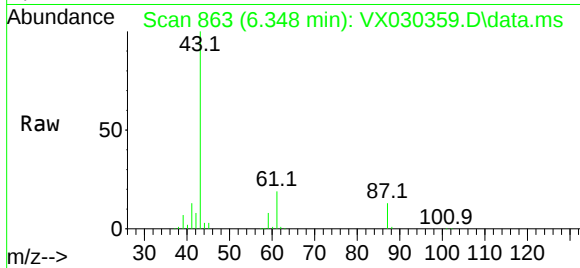




#43
Isopropyl Acetate
Concen: 26.599 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX030359.D
Acq: 02 Aug 2022 17:52

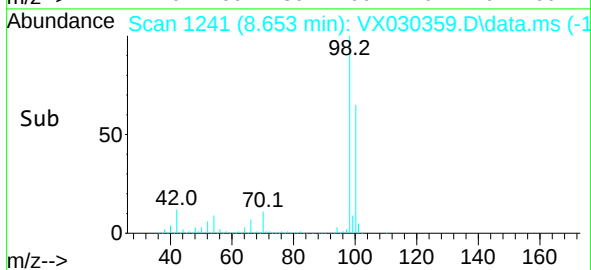
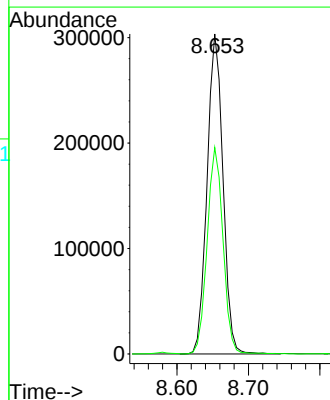
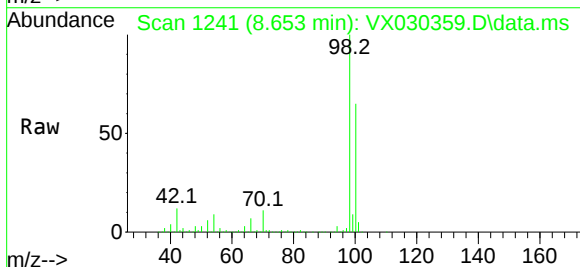
Instrument :
MSVOA_X
ClientSampleId :
PB146634ZHE#06

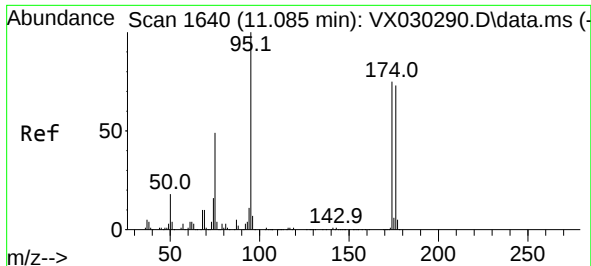
Tgt Ion: 43 Resp: 201405
Ion Ratio Lower Upper
43 100
61 19.5 16.5 24.7
87 12.7 11.1 16.7



#50
Toluene-d8
Concen: 47.722 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.001 min
Lab File: VX030359.D
Acq: 02 Aug 2022 17:52

Tgt Ion: 98 Resp: 468396
Ion Ratio Lower Upper
98 100
100 64.5 52.3 78.5

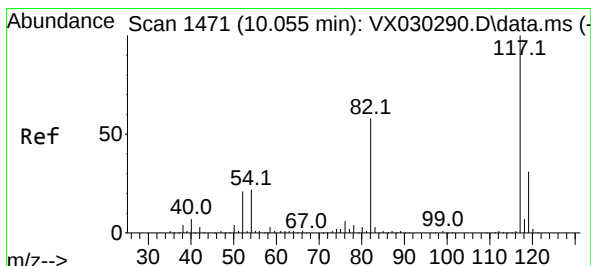
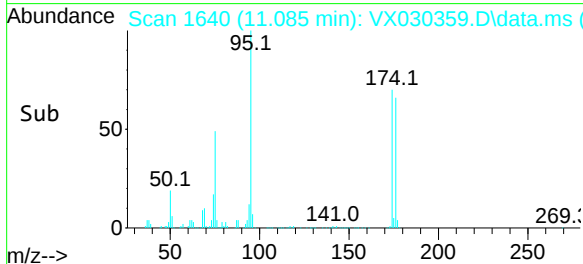
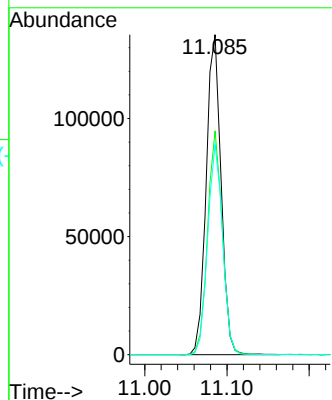
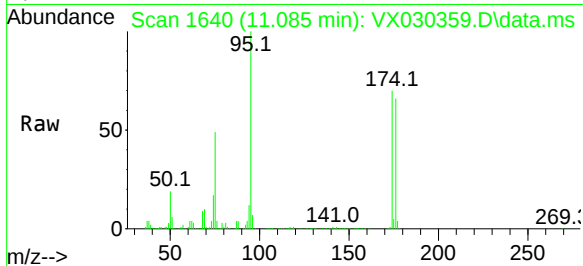




#62
4-Bromofluorobenzene
Concen: 46.672 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030359.D
Acq: 02 Aug 2022 17:52

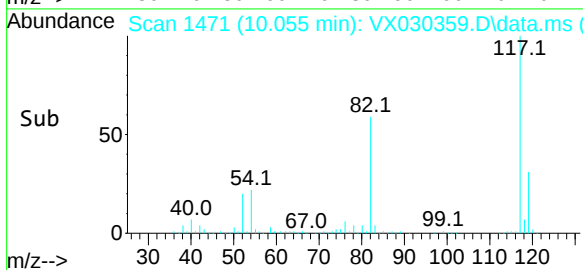
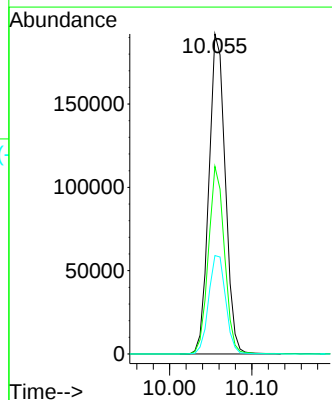
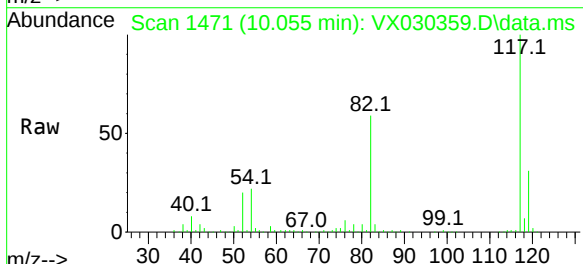
Instrument :
MSVOA_X
ClientSampleId :
PB146634ZHE#06

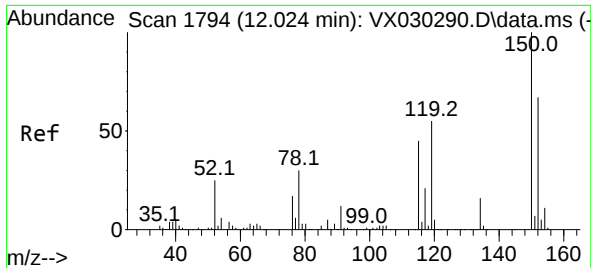
Tgt Ion: 95 Resp: 170009
Ion Ratio Lower Upper
95 100
174 69.4 0.0 149.0
176 66.0 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030359.D
Acq: 02 Aug 2022 17:52

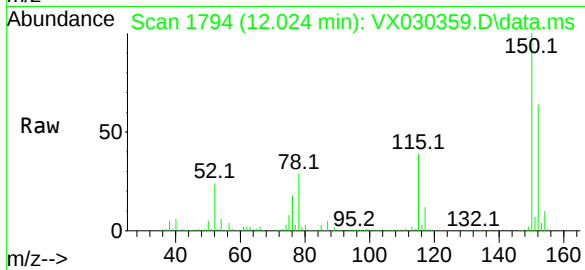
Tgt Ion: 117 Resp: 264976
Ion Ratio Lower Upper
117 100
82 58.6 42.7 64.1
119 30.7 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030359.D
 Acq: 02 Aug 2022 17:52

Instrument :
 MSVOA_X
 ClientSampleId :
 PB146634ZHE#06



Tgt Ion:152 Resp: 149904
 Ion Ratio Lower Upper
 152 100
 115 61.0 40.5 121.5
 150 157.5 0.0 347.0

