

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080222\
 Data File : VX030354.D
 Acq On : 02 Aug 2022 15:54
 Operator : JC/MD
 Sample : PB146634ZHE#01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB146634ZHE#01

Quant Time: Aug 03 01:08:27 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)

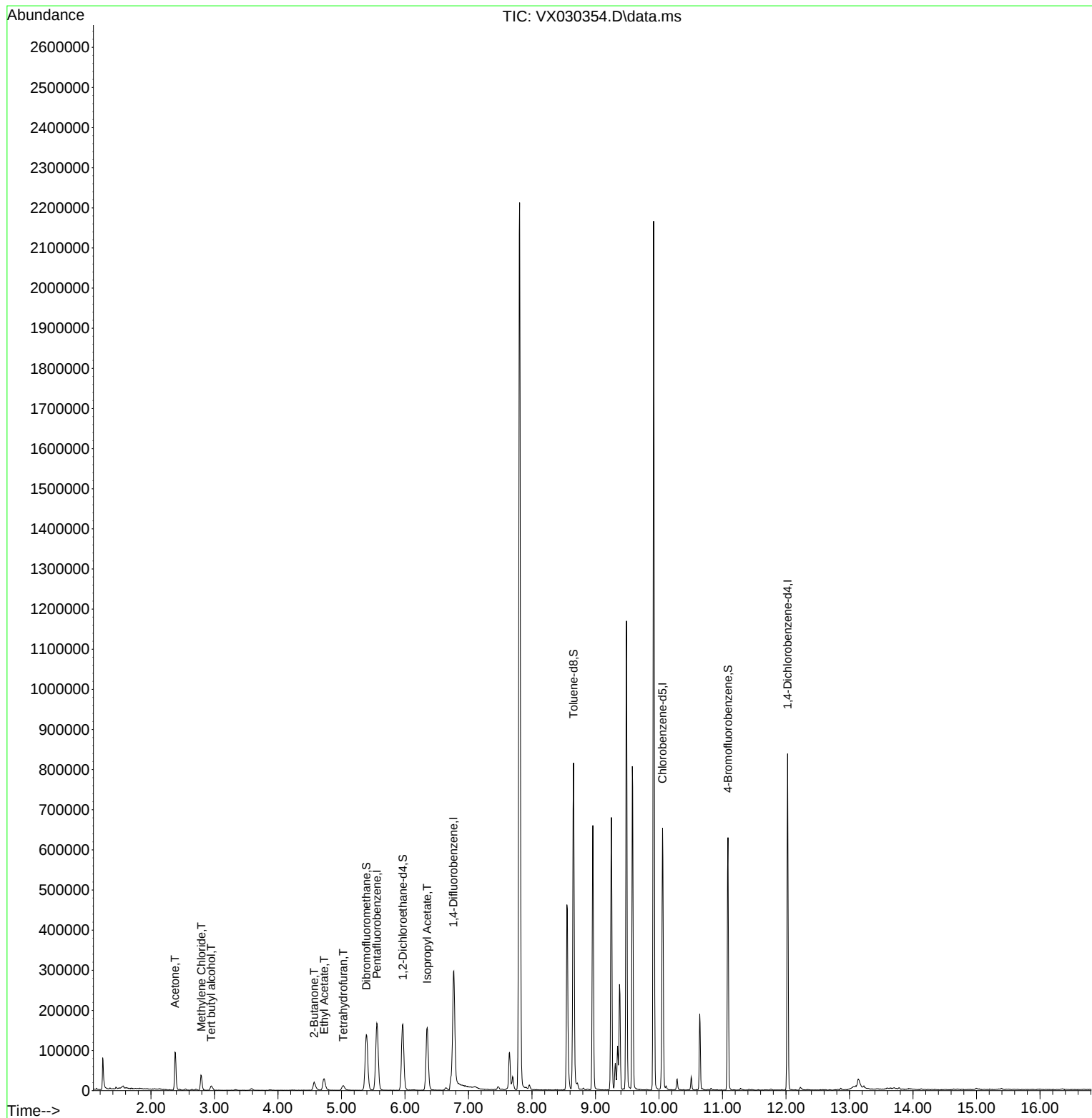
Internal Standards						
1) Pentafluorobenzene	5.556	168	159461	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	283661	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	285655	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	161119	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	155683	48.574	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.140%
35) Dibromofluoromethane	5.391	113	126849	46.779	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.560%
50) Toluene-d8	8.653	98	480856	45.790	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.580%
62) 4-Bromofluorobenzene	11.085	95	170348	43.709	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.420%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	9008	11.522	ug/l #	77
16) Acetone	2.380	43	99409	60.582	ug/l	94
20) Methylene Chloride	2.794	84	17470	3.872	ug/l	93
25) 2-Butanone	4.568	43	32935	11.944	ug/l	97
29) Tetrahydrofuran	5.026	42	12115	6.530	ug/l	95
37) Ethyl Acetate	4.727	43	51293	9.282	ug/l	99
43) Isopropyl Acetate	6.349	43	219790	27.131	ug/l	98

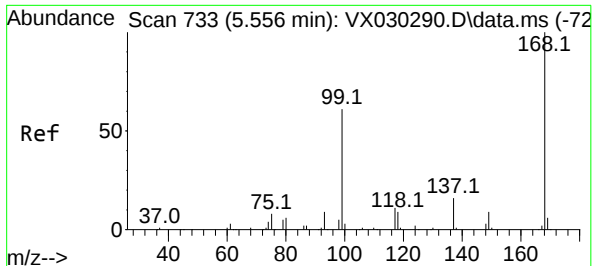
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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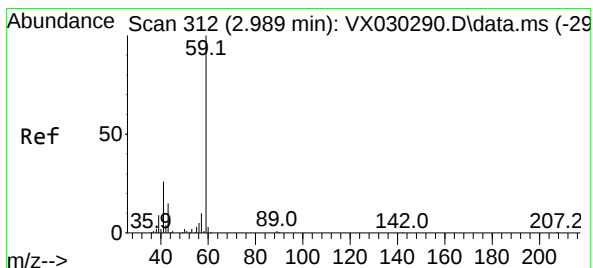
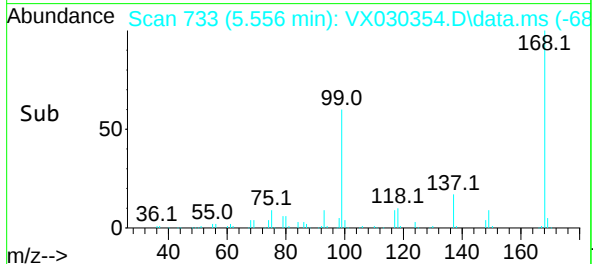
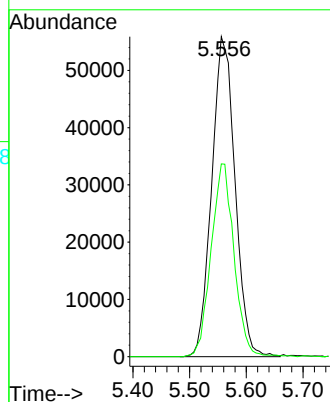
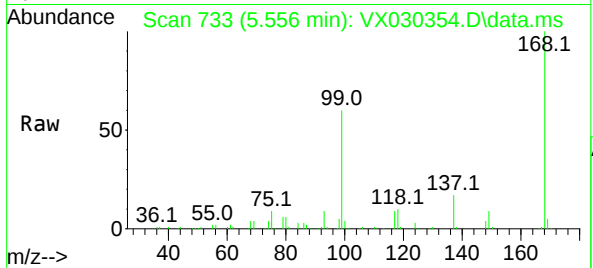




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX030354.D
Acq: 02 Aug 2022 15:54

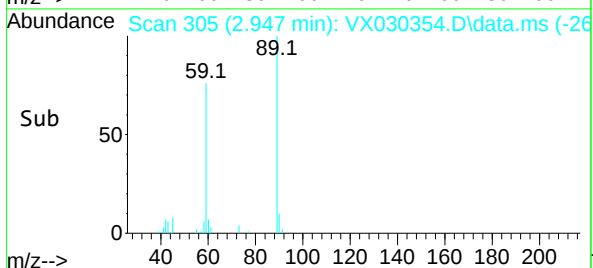
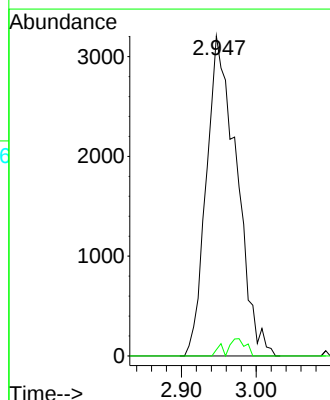
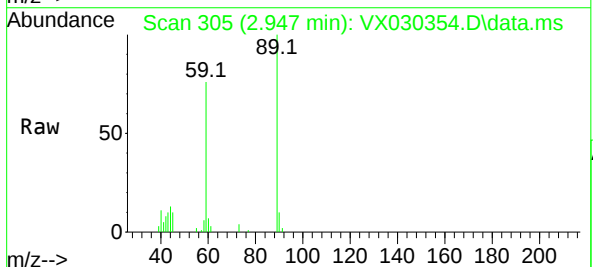
Instrument :
MSVOA_X
ClientSampleId :
PB146634ZHE#01

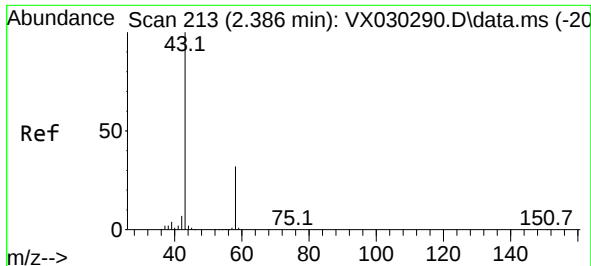
Tgt Ion:168 Resp: 159461
Ion Ratio Lower Upper
168 100
99 60.2 44.0 66.0



#11
Tert butyl alcohol
Concen: 11.522 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.030 min
Lab File: VX030354.D
Acq: 02 Aug 2022 15:54

Tgt Ion: 59 Resp: 9008
Ion Ratio Lower Upper
59 100
57 0.8 7.4 11.2#

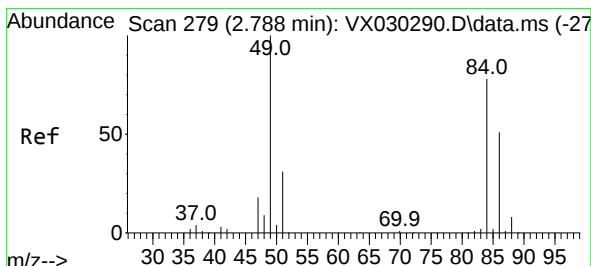
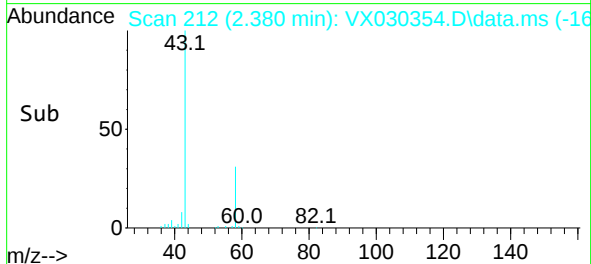
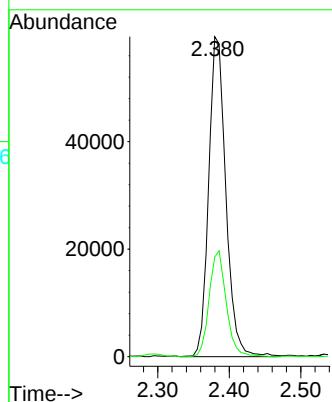
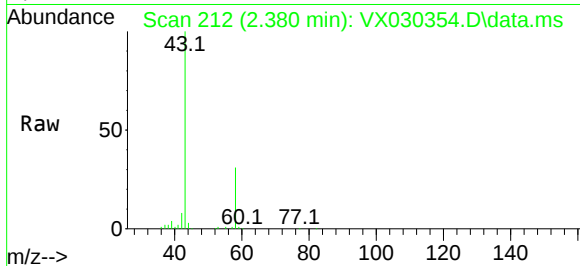




#16
Acetone
Concen: 60.582 ug/l
RT: 2.380 min Scan# 21
Delta R.T. -0.005 min
Lab File: VX030354.D
Acq: 02 Aug 2022 15:54

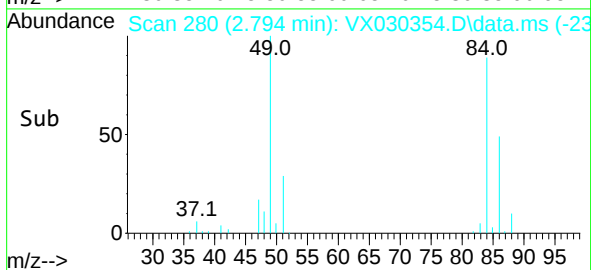
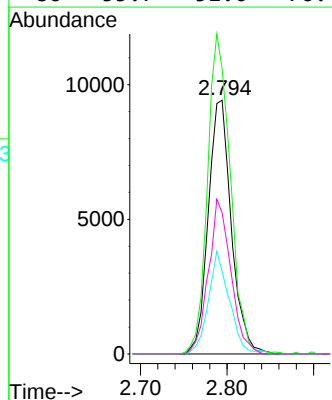
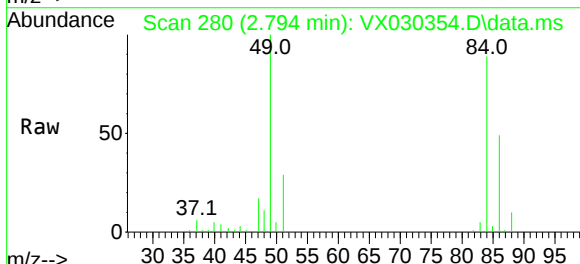
Instrument :
MSVOA_X
ClientSampleId :
PB146634ZHE#01

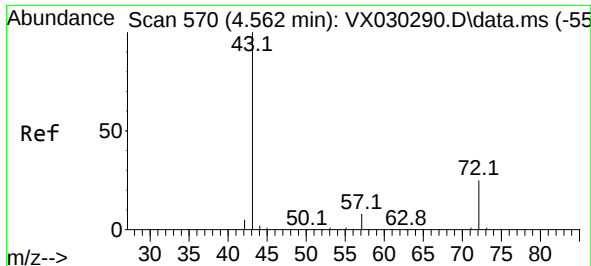
Tgt Ion: 43 Resp: 99409
Ion Ratio Lower Upper
43 100
58 31.2 27.7 41.5



#20
Methylene Chloride
Concen: 3.872 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX030354.D
Acq: 02 Aug 2022 15:54

Tgt Ion: 84 Resp: 17470
Ion Ratio Lower Upper
84 100
49 112.5 93.8 140.6
51 32.5 29.4 44.0
86 55.7 51.0 76.4

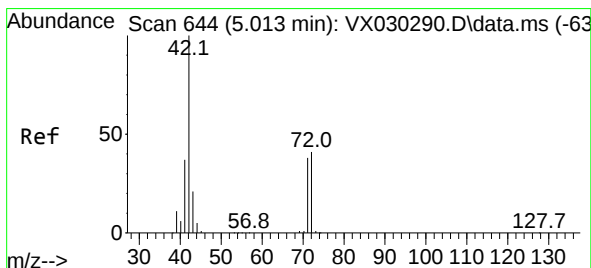
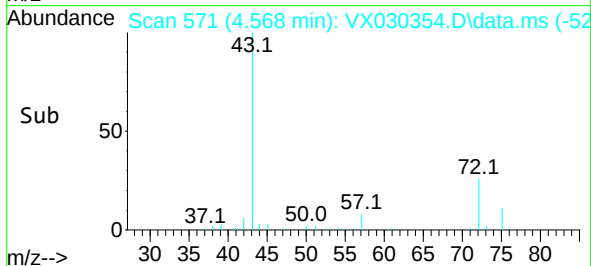
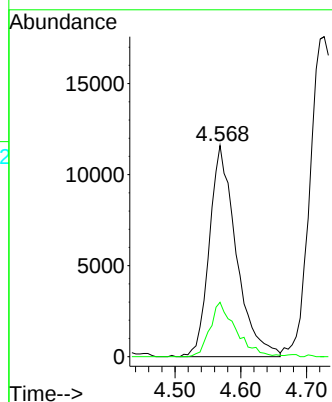
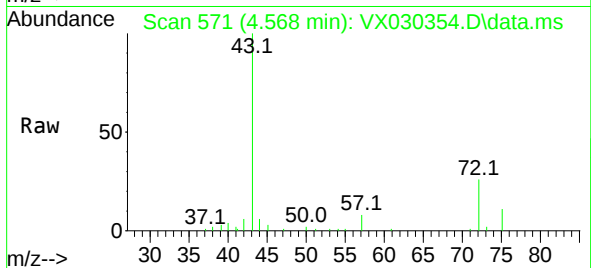




#25
2-Butanone
Concen: 11.944 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX030354.D
Acq: 02 Aug 2022 15:54

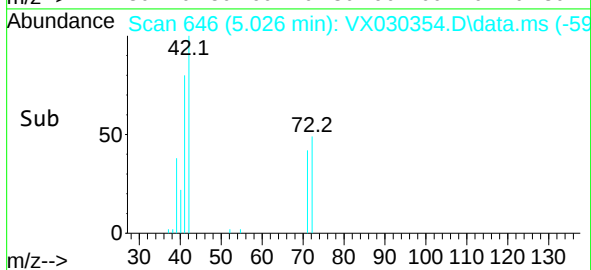
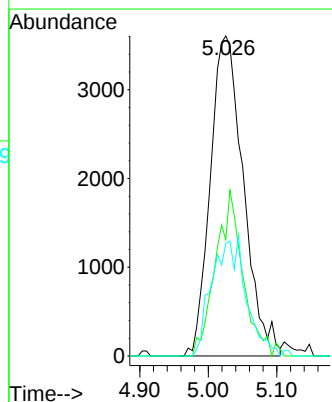
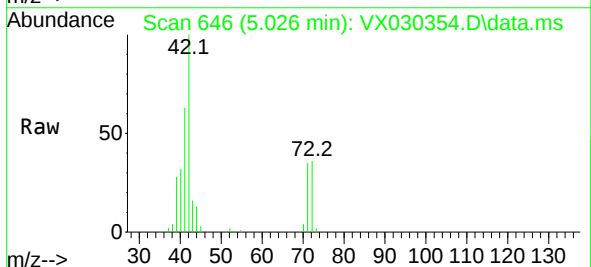
Instrument :
MSVOA_X
ClientSampleId :
PB146634ZHE#01

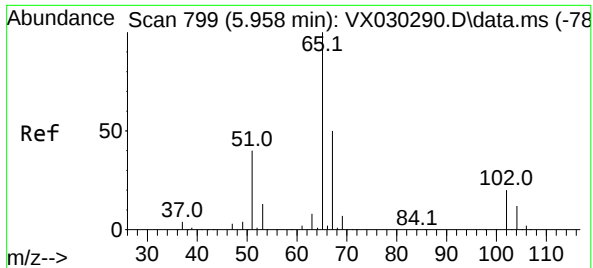
Tgt Ion: 43 Resp: 32935
Ion Ratio Lower Upper
43 100
72 25.8 21.7 32.5



#29
Tetrahydrofuran
Concen: 6.530 ug/l
RT: 5.026 min Scan# 646
Delta R.T. 0.013 min
Lab File: VX030354.D
Acq: 02 Aug 2022 15:54

Tgt Ion: 42 Resp: 12115
Ion Ratio Lower Upper
42 100
72 42.8 36.5 54.7
71 38.1 33.9 50.9





#33

1,2-Dichloroethane-d4

Concen: 48.574 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.000 min

Lab File: VX030354.D

Acq: 02 Aug 2022 15:54

Instrument :

MSVOA_X

ClientSampleId :

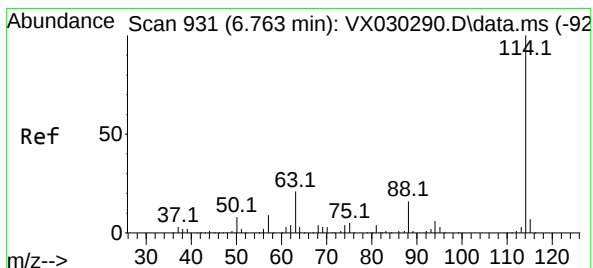
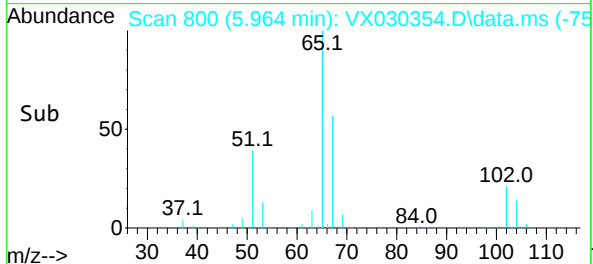
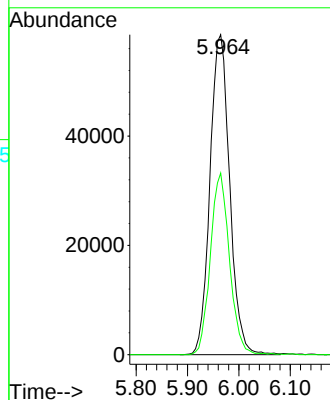
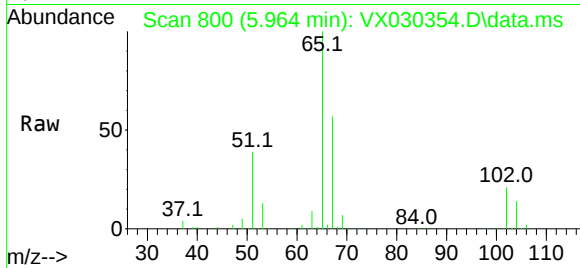
PB146634ZHE#01

Tgt Ion: 65 Resp: 155683

Ion Ratio Lower Upper

65 100

67 55.1 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX030354.D

Acq: 02 Aug 2022 15:54

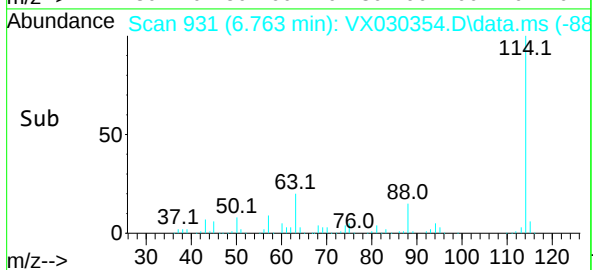
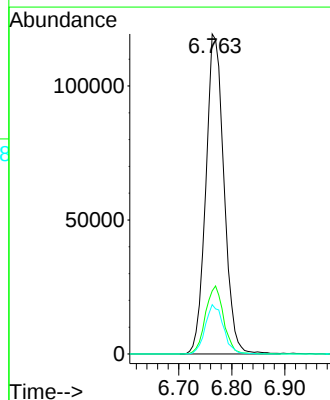
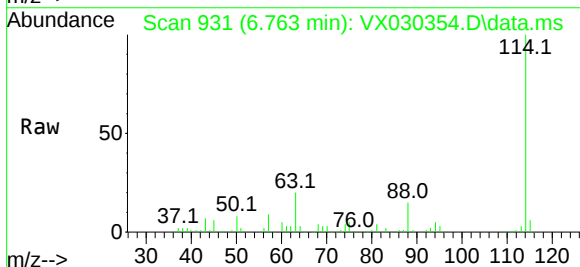
Tgt Ion: 114 Resp: 283661

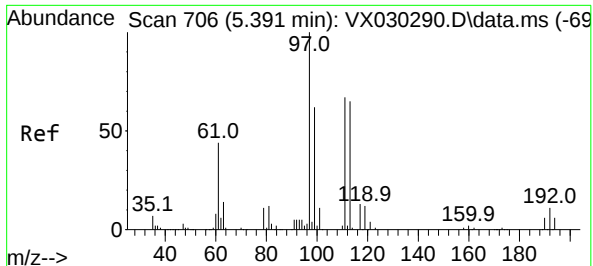
Ion Ratio Lower Upper

114 100

63 19.7 0.0 38.4

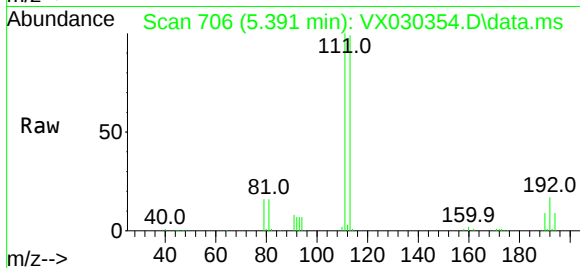
88 15.4 0.0 31.8



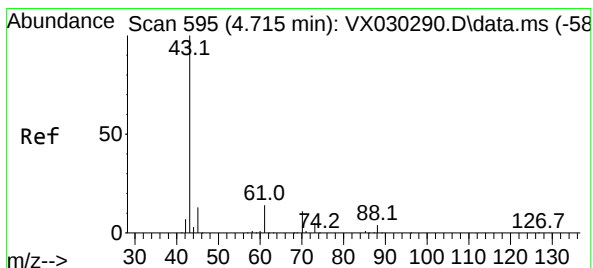
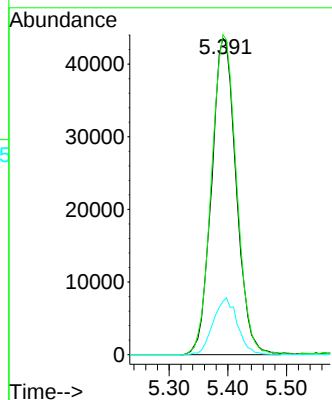
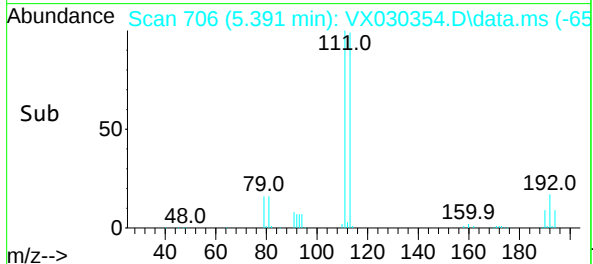


#35
Dibromofluoromethane
Concen: 46.779 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030354.D
Acq: 02 Aug 2022 15:54

Instrument :
MSVOA_X
ClientSampleId :
PB146634ZHE#01

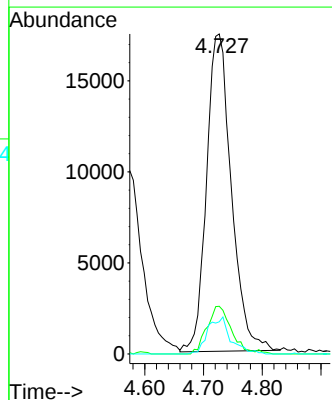
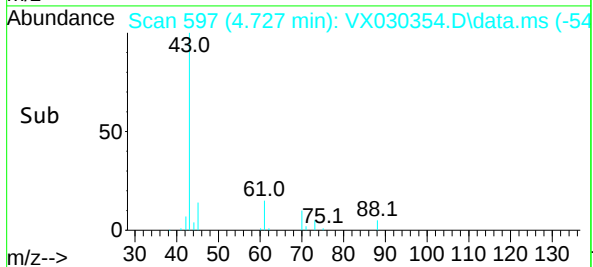
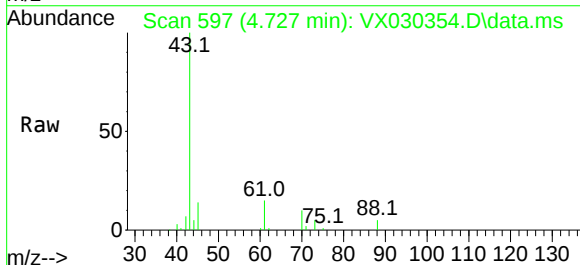


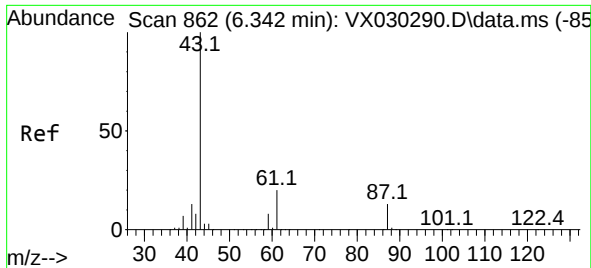
Tgt Ion:113 Resp: 126849
Ion Ratio Lower Upper
113 100
111 102.6 83.2 124.8
192 17.6 14.8 22.2



#37
Ethyl Acetate
Concen: 9.282 ug/l
RT: 4.727 min Scan# 597
Delta R.T. 0.007 min
Lab File: VX030354.D
Acq: 02 Aug 2022 15:54

Tgt Ion: 43 Resp: 51293
Ion Ratio Lower Upper
43 100
61 14.6 11.7 17.5
70 10.7 9.3 13.9

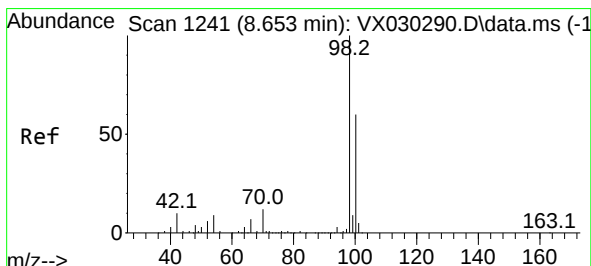
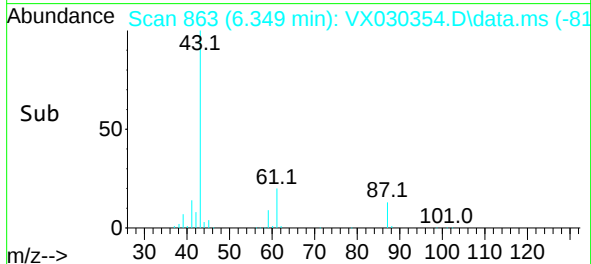
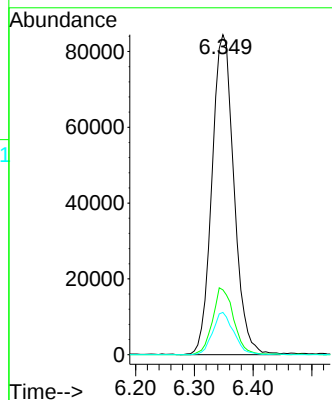
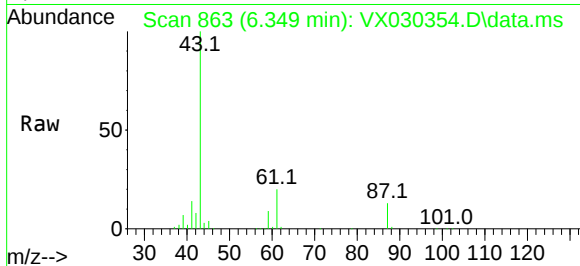




#43
Isopropyl Acetate
Concen: 27.131 ug/l
RT: 6.349 min Scan# 863
Delta R.T. 0.001 min
Lab File: VX030354.D
Acq: 02 Aug 2022 15:54

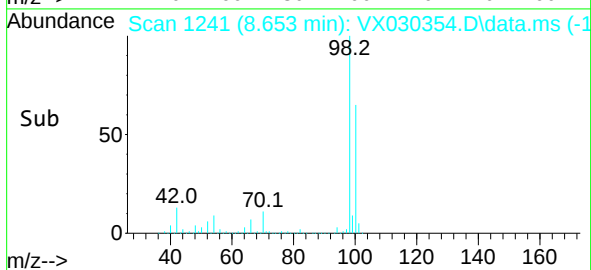
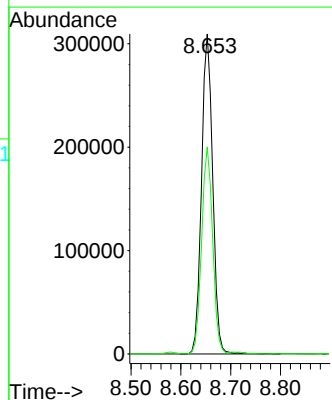
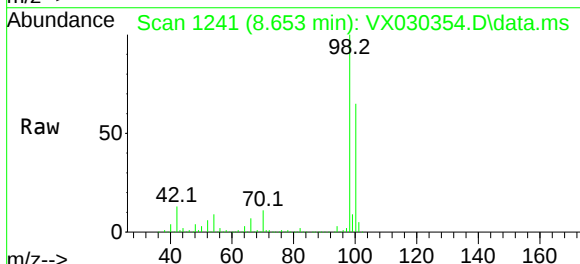
Instrument :
MSVOA_X
ClientSampleId :
PB146634ZHE#01

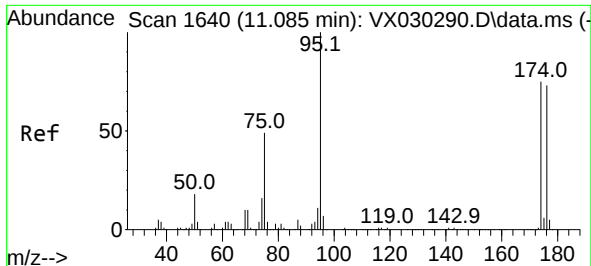
Tgt Ion: 43 Resp: 219790
Ion Ratio Lower Upper
43 100
61 20.1 16.5 24.7
87 12.6 11.1 16.7



#50
Toluene-d8
Concen: 45.790 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.001 min
Lab File: VX030354.D
Acq: 02 Aug 2022 15:54

Tgt Ion: 98 Resp: 480856
Ion Ratio Lower Upper
98 100
100 63.7 52.3 78.5

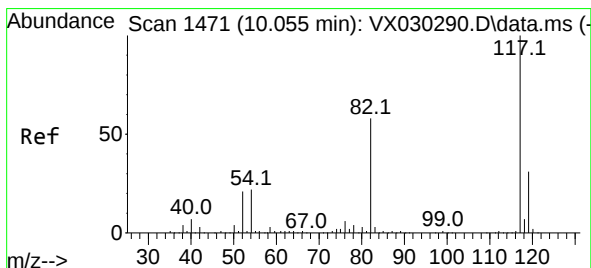
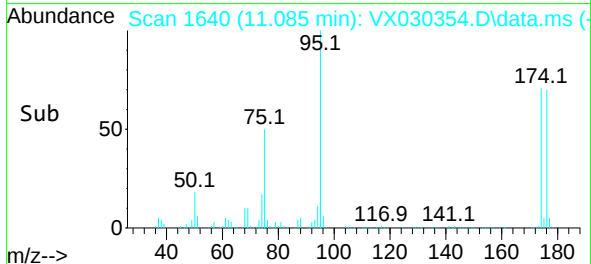
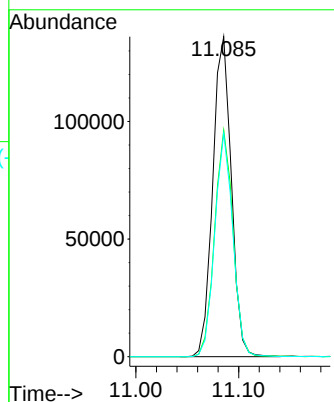
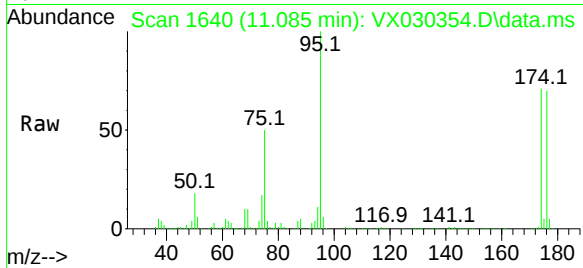




#62
4-Bromofluorobenzene
Concen: 43.709 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX030354.D
Acq: 02 Aug 2022 15:54

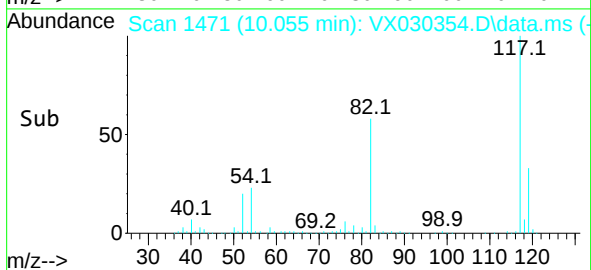
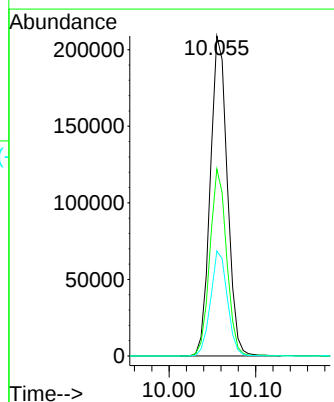
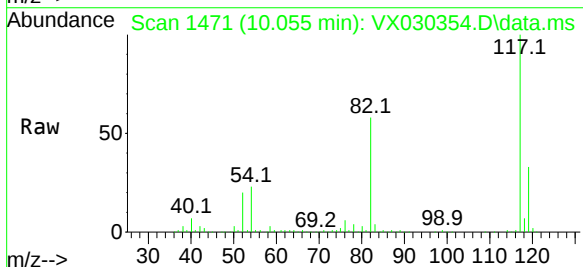
Instrument :
MSVOA_X
ClientSampleId :
PB146634ZHE#01

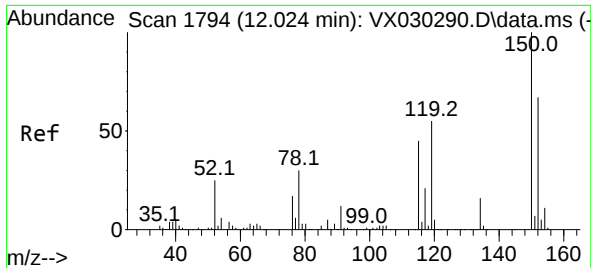
Tgt Ion: 95 Resp: 170348
Ion Ratio Lower Upper
95 100
174 70.2 0.0 149.0
176 68.2 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030354.D
Acq: 02 Aug 2022 15:54

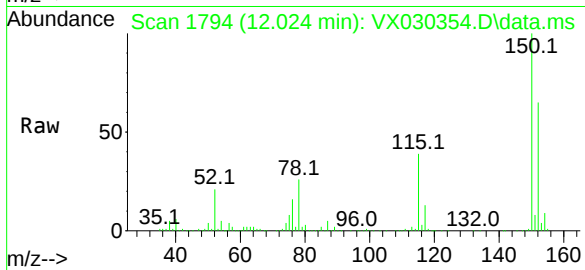
Tgt Ion: 117 Resp: 285655
Ion Ratio Lower Upper
117 100
82 58.5 42.7 64.1
119 32.8 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030354.D
 Acq: 02 Aug 2022 15:54

Instrument :
 MSVOA_X
 ClientSampleId :
 PB146634ZHE#01



Tgt Ion:152 Resp: 161119
 Ion Ratio Lower Upper
 152 100
 115 60.8 40.5 121.5
 150 157.8 0.0 347.0

