

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080222\
 Data File : VX030356.D
 Acq On : 02 Aug 2022 16:41
 Operator : JC/MD
 Sample : PB146634ZHE#03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB146634ZHE#03

Quant Time: Aug 03 01:09:14 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)

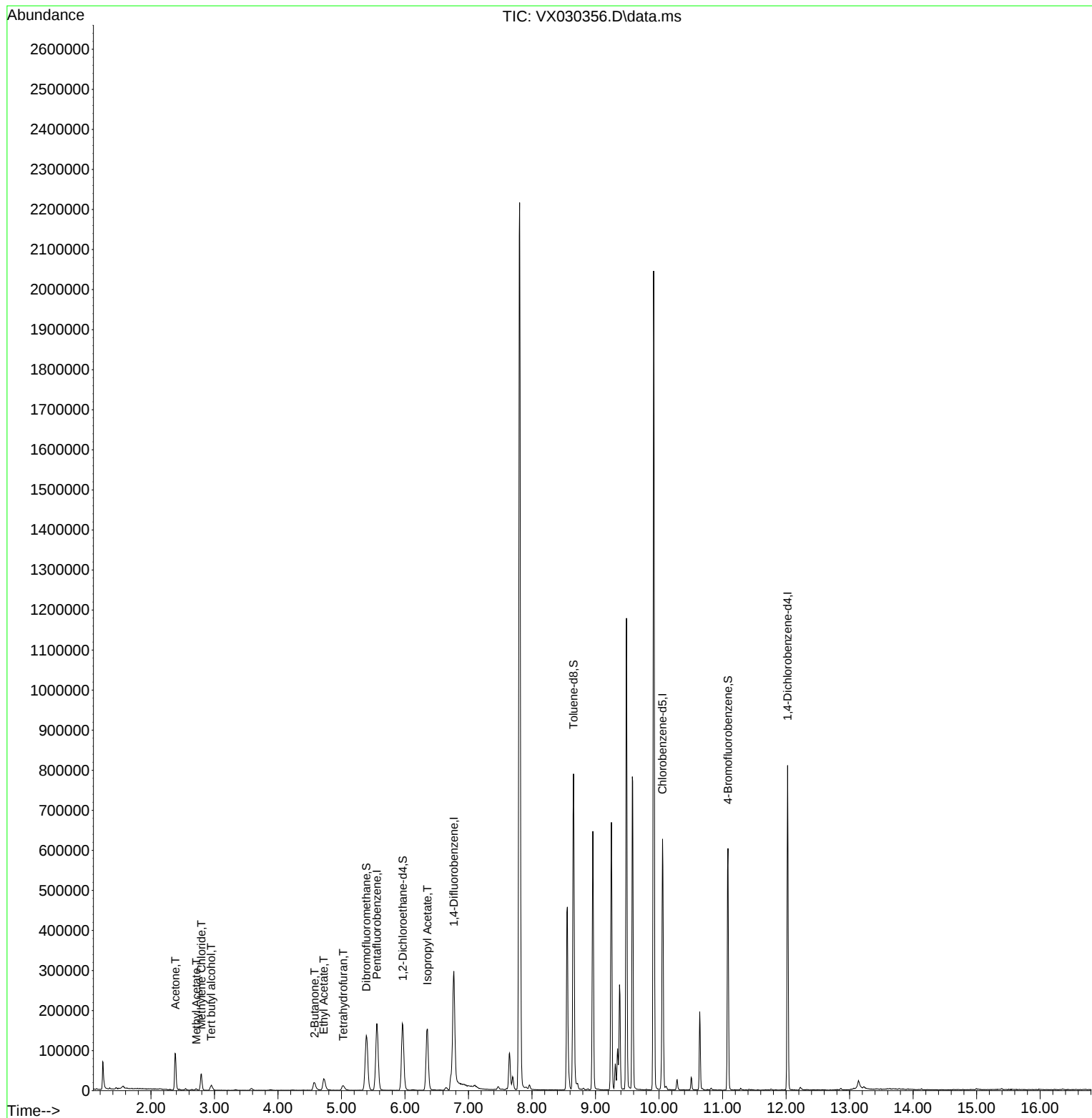
Internal Standards						
1) Pentafluorobenzene	5.556	168	152881	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	278102	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	274728	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	153959	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	155911	50.739	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.480%
35) Dibromofluoromethane	5.391	113	125118	47.063	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.120%
50) Toluene-d8	8.653	98	467185	45.378	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.760%
62) 4-Bromofluorobenzene	11.085	95	168935	44.213	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.420%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.947	59	9732	12.984	ug/l	# 74
16) Acetone	2.386	43	98516	62.621	ug/l	93
18) Methyl Acetate	2.715	43	4939	1.061	ug/l	92
20) Methylene Chloride	2.794	84	18061	4.384	ug/l	97
25) 2-Butanone	4.574	43	33911	12.827	ug/l	94
29) Tetrahydrofuran	5.025	42	12316	6.924	ug/l	93
37) Ethyl Acetate	4.721	43	50885	9.392	ug/l	99
43) Isopropyl Acetate	6.354	43	215836	27.175	ug/l	98

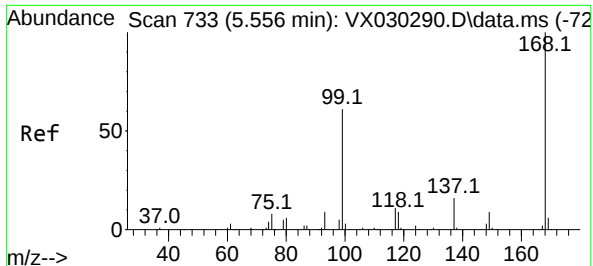
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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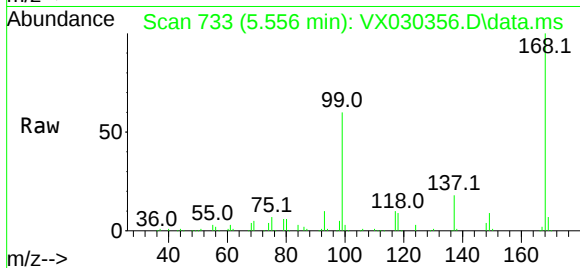
Quant Time: Aug 03 01:09:14 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 25 16:49:17 2022
Response via : Initial Calibration



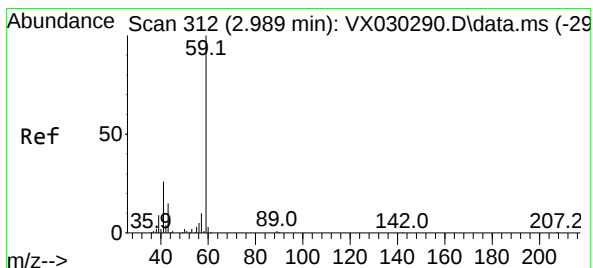
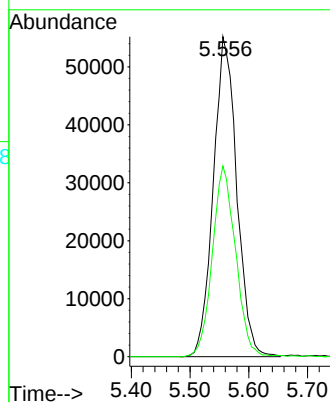
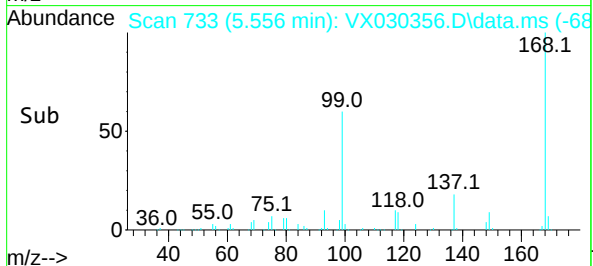


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX030356.D
Acq: 02 Aug 2022 16:41

Instrument :
MSVOA_X
ClientSampleId :
PB146634ZHE#03

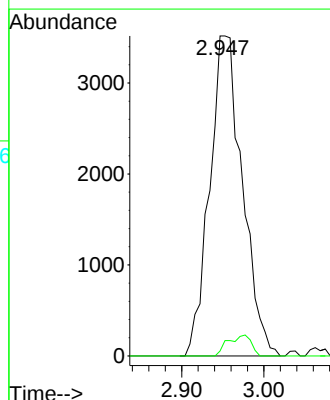
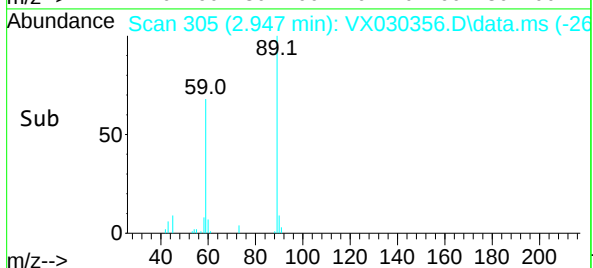
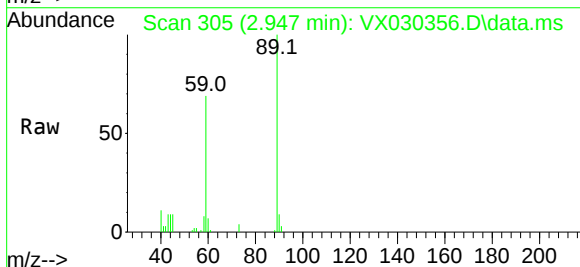


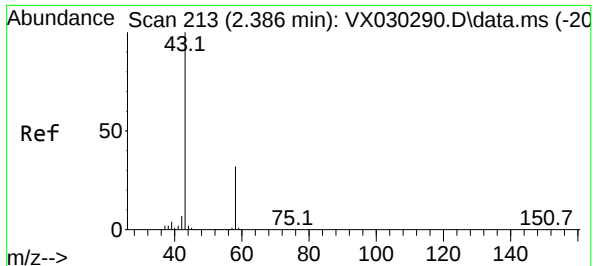
Tgt Ion:168 Resp: 152881
Ion Ratio Lower Upper
168 100
99 59.6 44.0 66.0



#11
Tert butyl alcohol
Concen: 12.984 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.030 min
Lab File: VX030356.D
Acq: 02 Aug 2022 16:41

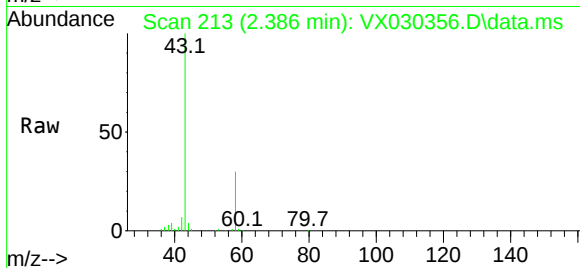
Tgt Ion: 59 Resp: 9732
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



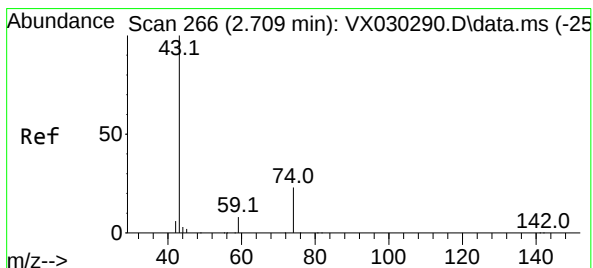
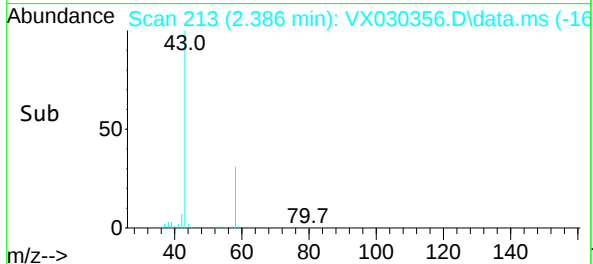
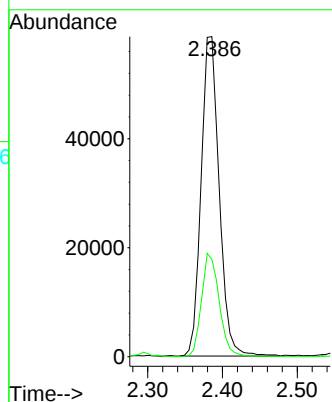


#16
Acetone
Concen: 62.621 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.001 min
Lab File: VX030356.D
Acq: 02 Aug 2022 16:41

Instrument :
MSVOA_X
ClientSampleId :
PB146634ZHE#03

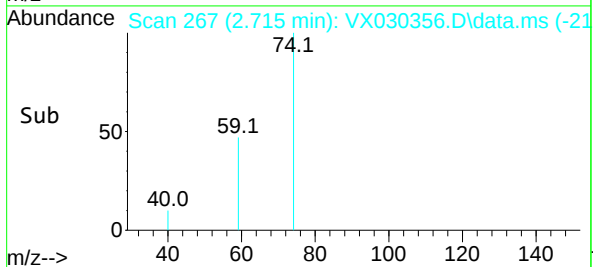
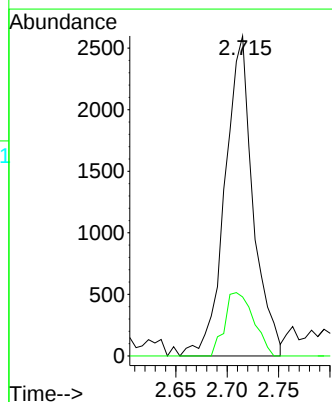
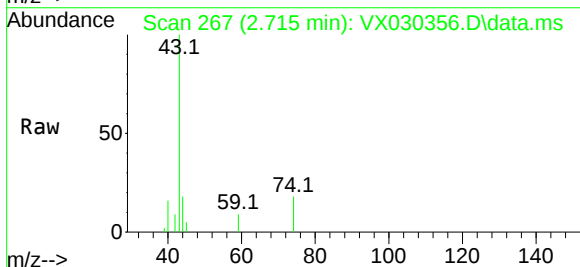


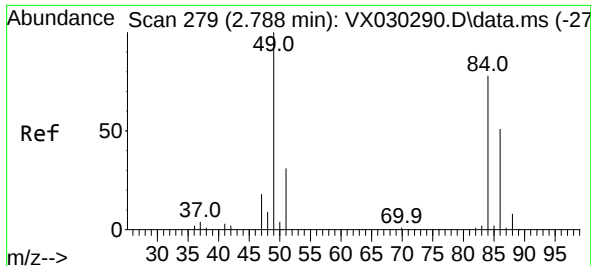
Tgt Ion: 43 Resp: 98516
Ion Ratio Lower Upper
43 100
58 30.4 27.7 41.5



#18
Methyl Acetate
Concen: 1.061 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.007 min
Lab File: VX030356.D
Acq: 02 Aug 2022 16:41

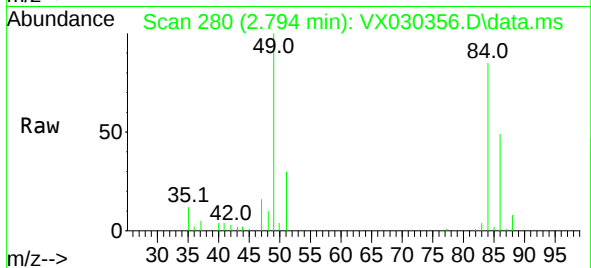
Tgt Ion: 43 Resp: 4939
Ion Ratio Lower Upper
43 100
74 20.3 19.4 29.2



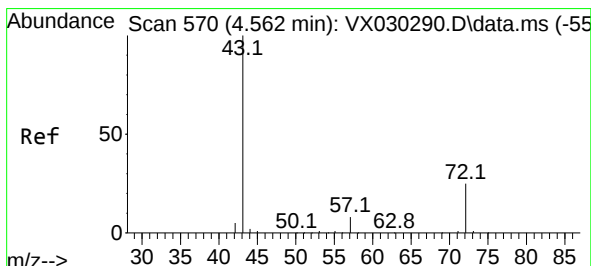
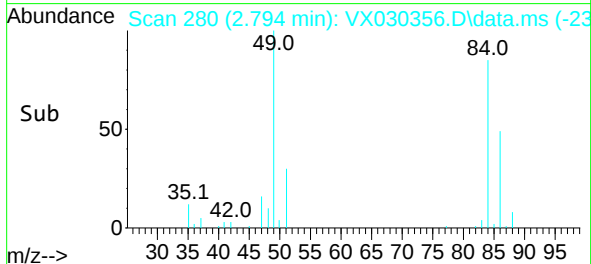
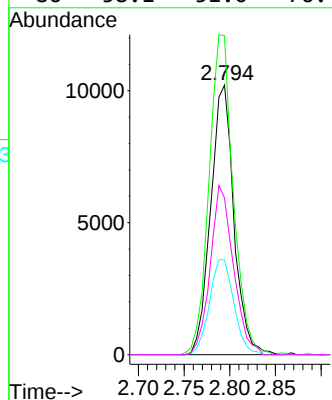


#20
Methylene Chloride
Concen: 4.384 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX030356.D
Acq: 02 Aug 2022 16:41

Instrument :
MSVOA_X
ClientSampleId :
PB146634ZHE#03

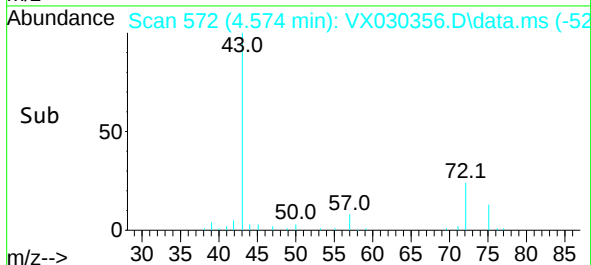
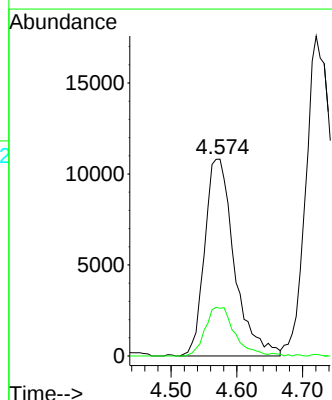
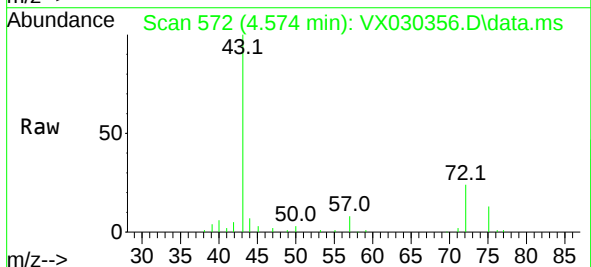


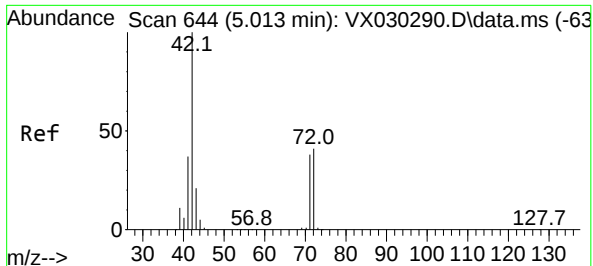
Tgt Ion:	84	Resp:	18061
Ion	Ratio	Lower	Upper
84	100		
49	118.3	93.8	140.6
51	35.1	29.4	44.0
86	58.1	51.0	76.4



#25
2-Butanone
Concen: 12.827 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX030356.D
Acq: 02 Aug 2022 16:41

Tgt Ion:	43	Resp:	33911
Ion	Ratio	Lower	Upper
43	100		
72	24.2	21.7	32.5





#29

Tetrahydrofuran

Concen: 6.924 ug/l

RT: 5.025 min Scan# 64

Delta R.T. 0.012 min

Lab File: VX030356.D

Acq: 02 Aug 2022 16:41

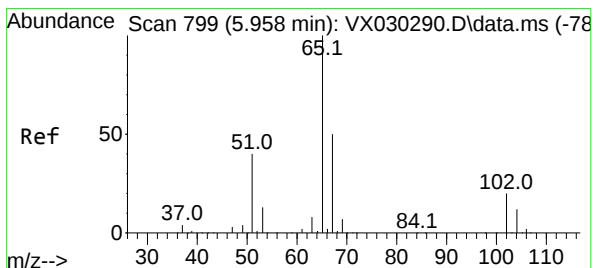
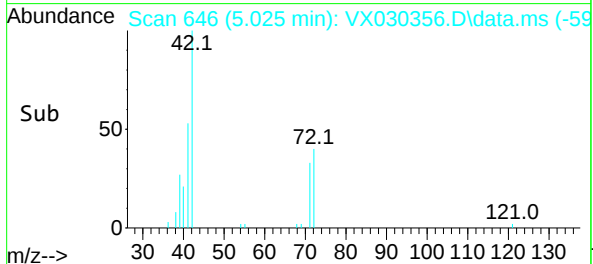
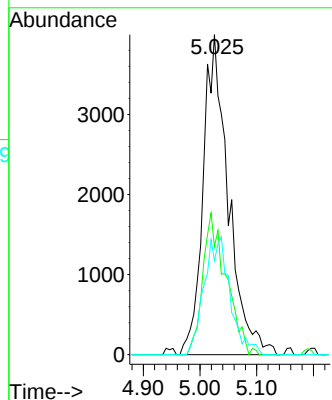
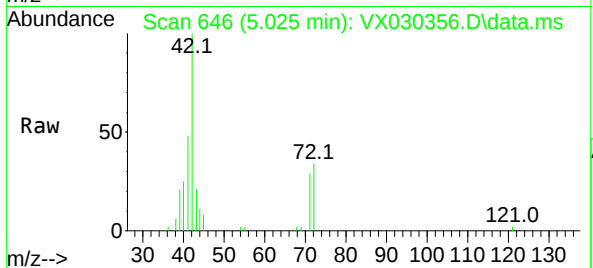
Instrument :

MSVOA_X

ClientSampleId :

PB146634ZHE#03

Tgt Ion:	42	Resp:	12316
Ion	Ratio	Lower	Upper
42	100		
72	41.2	36.5	54.7
71	38.0	33.9	50.9



#33

1,2-Dichloroethane-d4

Concen: 50.739 ug/l

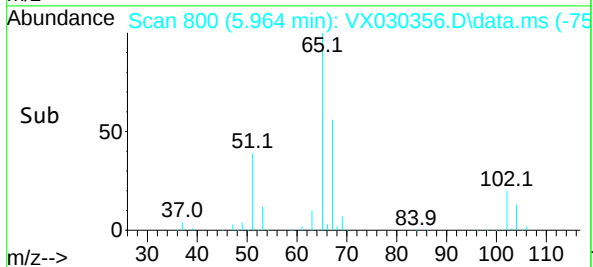
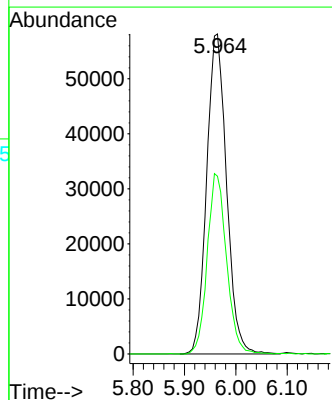
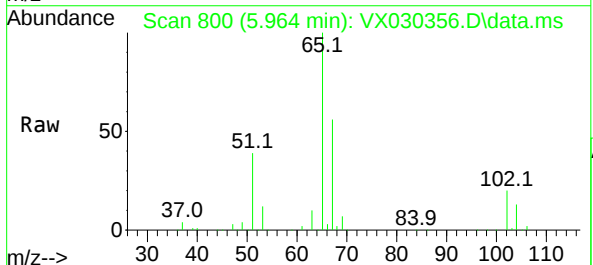
RT: 5.964 min Scan# 800

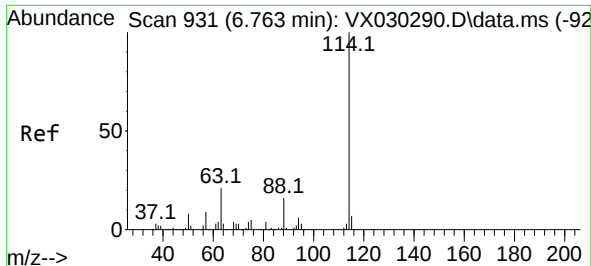
Delta R.T. 0.000 min

Lab File: VX030356.D

Acq: 02 Aug 2022 16:41

Tgt Ion:	65	Resp:	155911
Ion	Ratio	Lower	Upper
65	100		
67	54.6	0.0	109.6

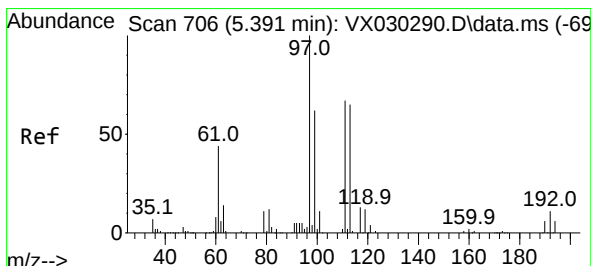
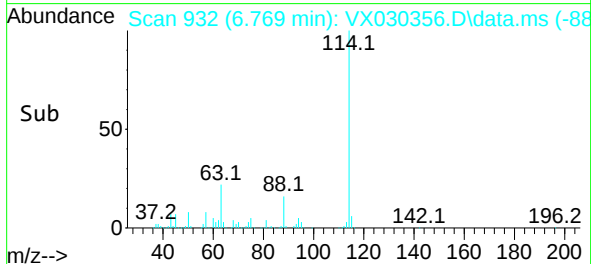
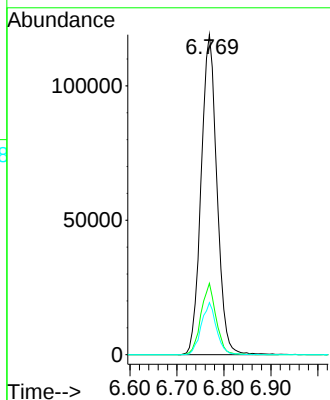
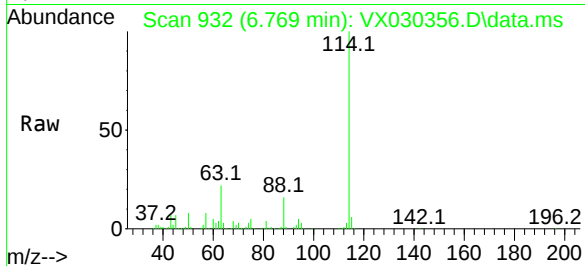




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX030356.D
Acq: 02 Aug 2022 16:41

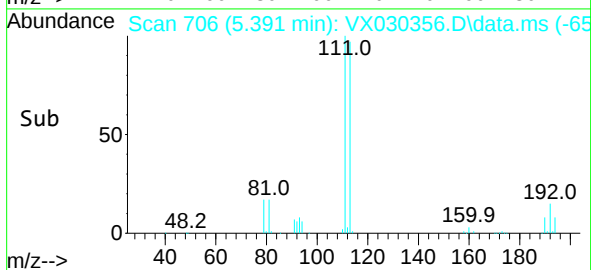
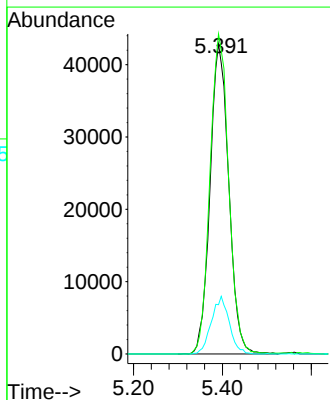
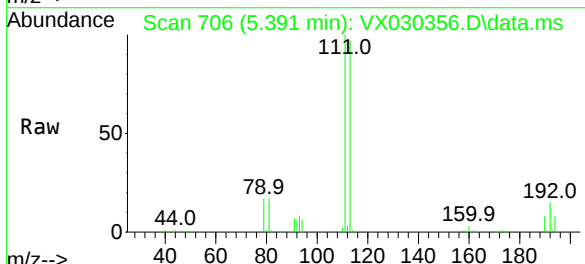
Instrument :
MSVOA_X
ClientSampleId :
PB146634ZHE#03

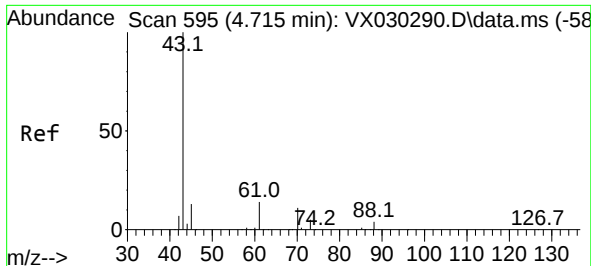
Tgt Ion:114 Resp: 278102
Ion Ratio Lower Upper
114 100
63 22.3 0.0 38.4
88 16.3 0.0 31.8



#35
Dibromofluoromethane
Concen: 47.063 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030356.D
Acq: 02 Aug 2022 16:41

Tgt Ion:113 Resp: 125118
Ion Ratio Lower Upper
113 100
111 103.4 83.2 124.8
192 17.7 14.8 22.2





#37

Ethyl Acetate

Concen: 9.392 ug/l

RT: 4.721 min Scan# 595

Delta R.T. 0.001 min

Lab File: VX030356.D

Acq: 02 Aug 2022 16:41

Instrument :

MSVOA_X

ClientSampleId :

PB146634ZHE#03

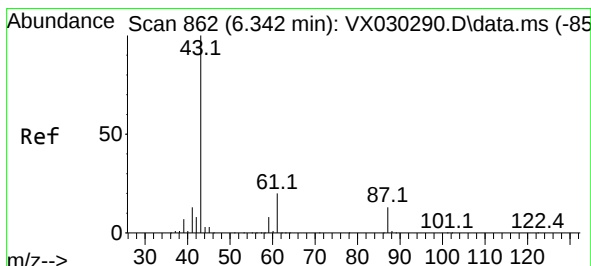
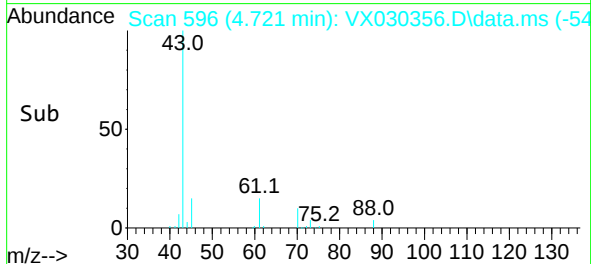
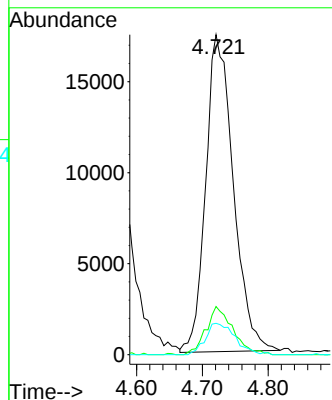
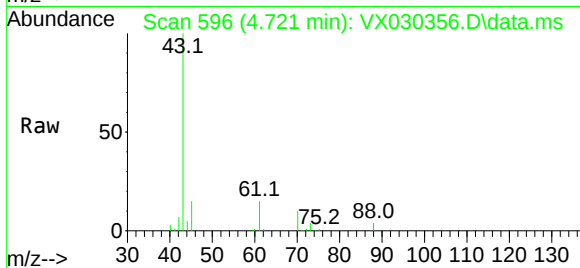
Tgt Ion: 43 Resp: 50885

Ion Ratio Lower Upper

43 100

61 14.8 11.7 17.5

70 10.7 9.3 13.9



#43

Isopropyl Acetate

Concen: 27.175 ug/l

RT: 6.354 min Scan# 864

Delta R.T. 0.006 min

Lab File: VX030356.D

Acq: 02 Aug 2022 16:41

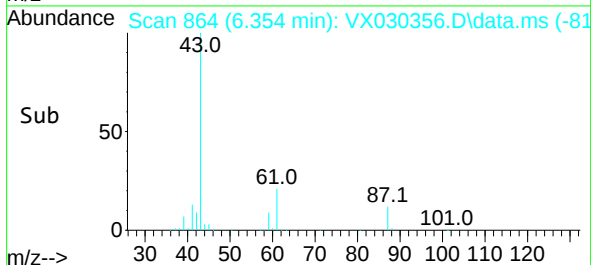
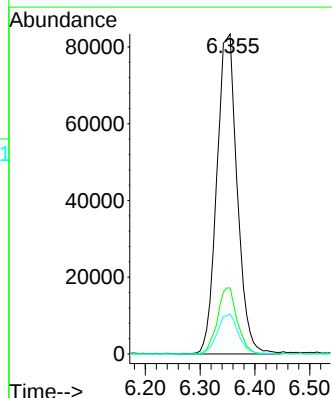
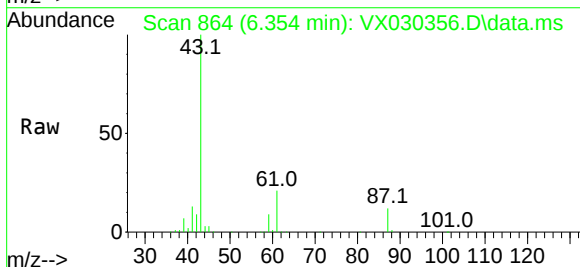
Tgt Ion: 43 Resp: 215836

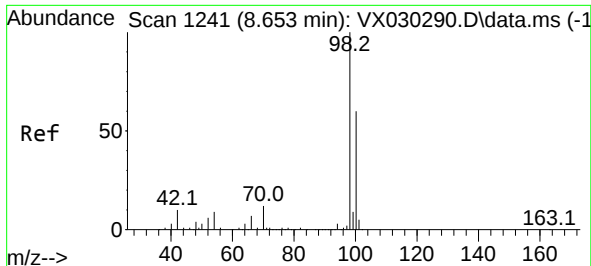
Ion Ratio Lower Upper

43 100

61 20.1 16.5 24.7

87 12.7 11.1 16.7

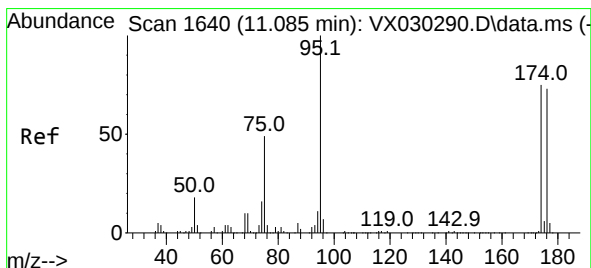
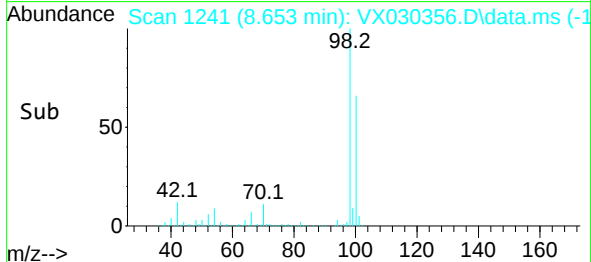
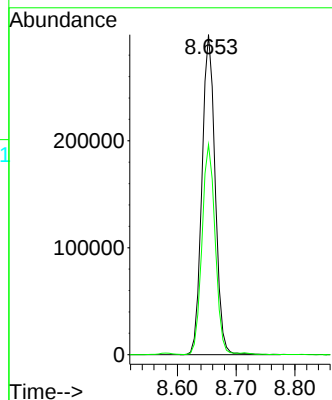
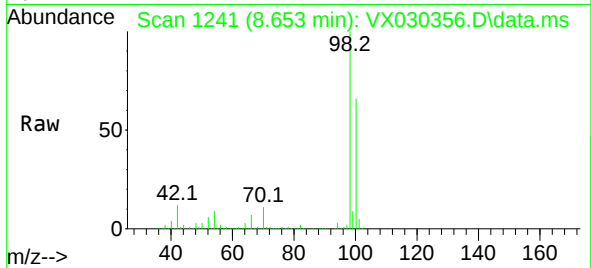




#50
Toluene-d8
Concen: 45.378 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.001 min
Lab File: VX030356.D
Acq: 02 Aug 2022 16:41

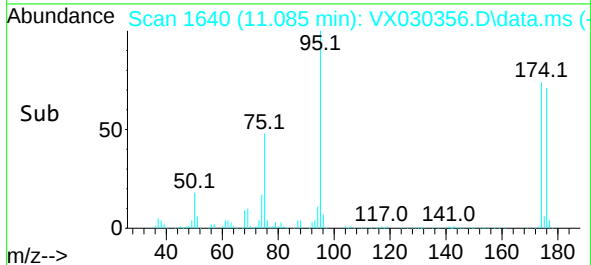
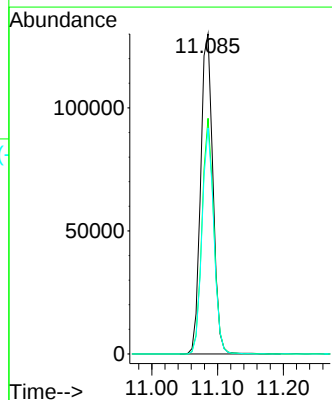
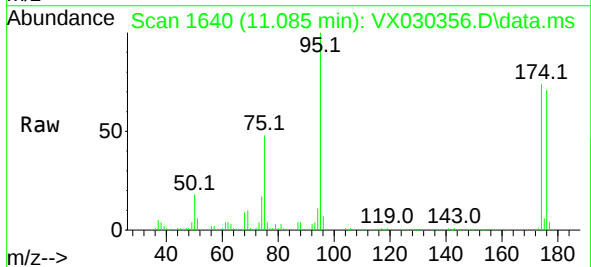
Instrument :
MSVOA_X
ClientSampleId :
PB146634ZHE#03

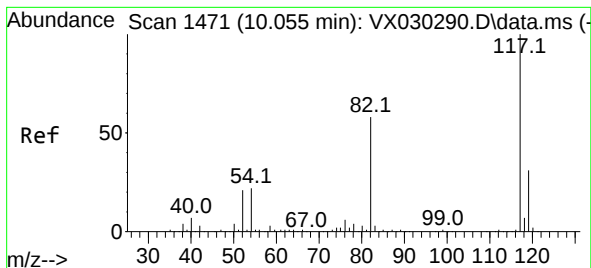
Tgt Ion: 98 Resp: 467185
Ion Ratio Lower Upper
98 100
100 65.5 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 44.213 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030356.D
Acq: 02 Aug 2022 16:41

Tgt Ion: 95 Resp: 168935
Ion Ratio Lower Upper
95 100
174 70.5 0.0 149.0
176 67.9 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: VX030356.D

Acq: 02 Aug 2022 16:41

Instrument :

MSVOA_X

ClientSampleId :

PB146634ZHE#03

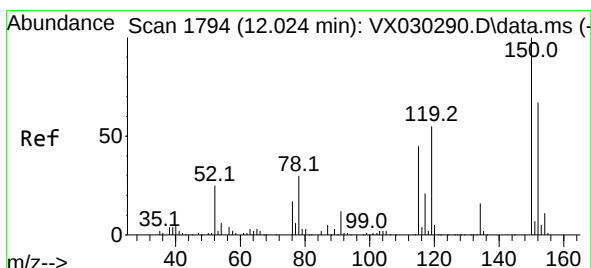
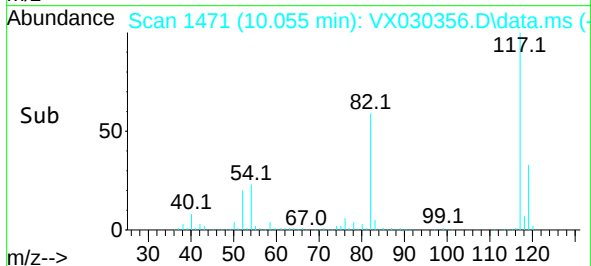
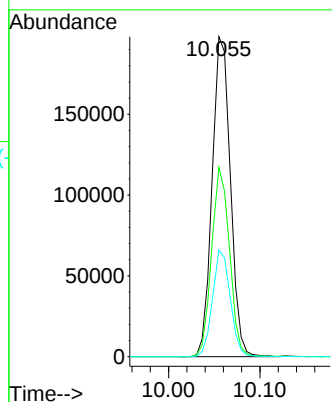
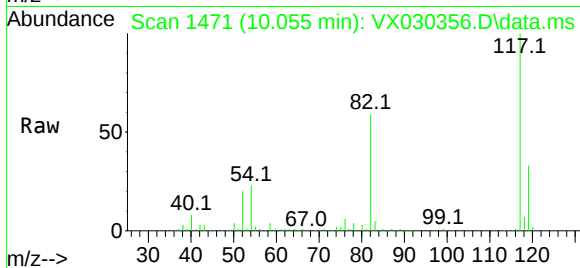
Tgt Ion:117 Resp: 274728

Ion Ratio Lower Upper

117 100

82 59.2 42.7 64.1

119 33.3 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX030356.D

Acq: 02 Aug 2022 16:41

Tgt Ion:152 Resp: 153959

Ion Ratio Lower Upper

152 100

115 64.2 40.5 121.5

150 159.5 0.0 347.0

