

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080222\
 Data File : VX030357.D
 Acq On : 02 Aug 2022 17:05
 Operator : JC/MD
 Sample : PB146634ZHE#04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB146634ZHE#04

Quant Time: Aug 03 01:09:37 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)

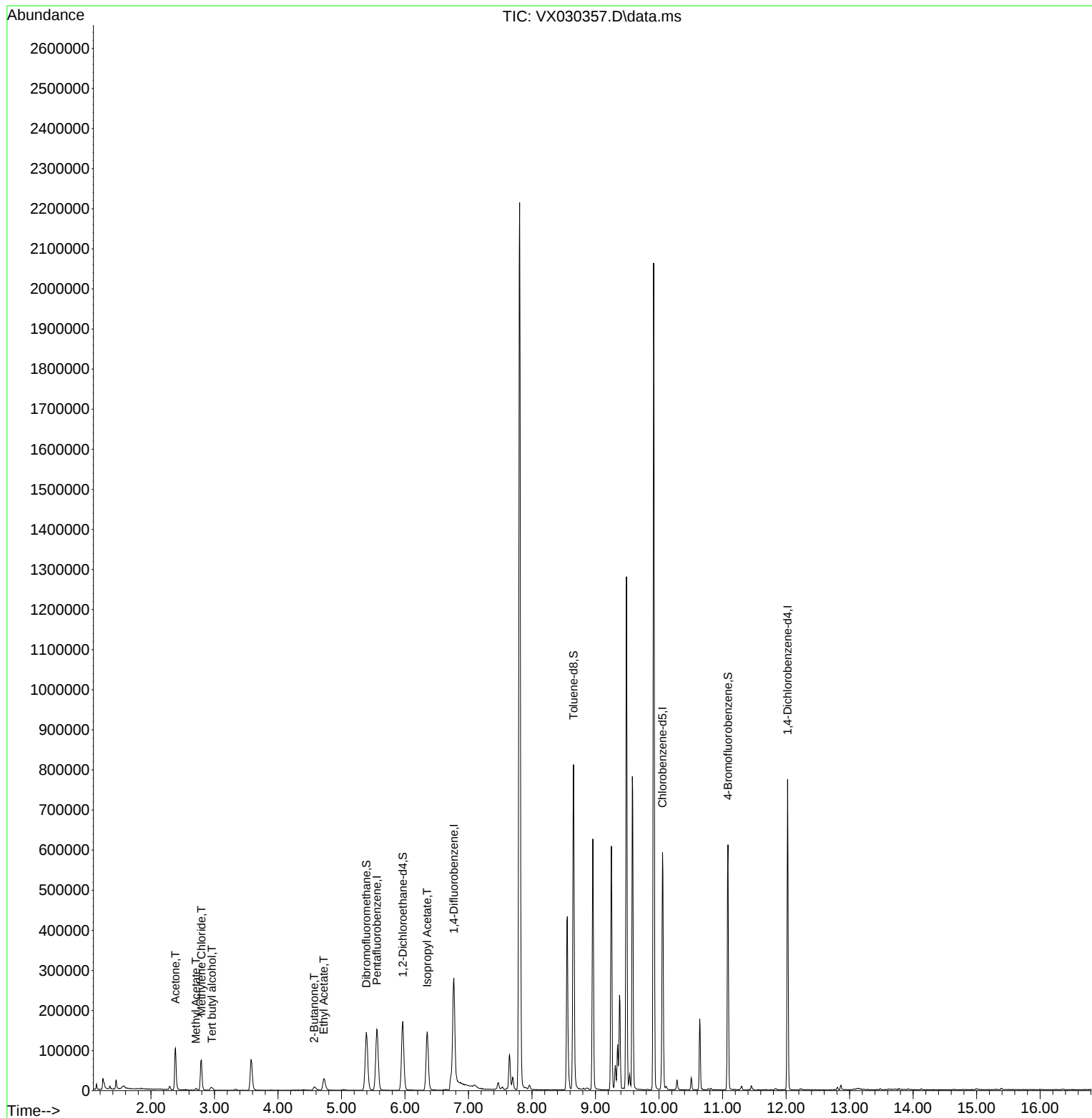
Internal Standards						
1) Pentafluorobenzene	5.556	168	142741	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	259925	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	260764	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	147040	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	159349	55.542	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.080%
35) Dibromofluoromethane	5.391	113	124951	50.287	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.580%
50) Toluene-d8	8.653	98	468706	48.709	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.420%
62) 4-Bromofluorobenzene	11.085	95	168274	47.120	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.240%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.959	59	6504	9.294	ug/l	# 89
16) Acetone	2.386	43	113779	77.461	ug/l	95
18) Methyl Acetate	2.709	43	5293	1.218	ug/l	100
20) Methylene Chloride	2.794	84	33729	11.441	ug/l	94
25) 2-Butanone	4.568	43	15447	6.258	ug/l	95
37) Ethyl Acetate	4.721	43	52967	10.460	ug/l	97
43) Isopropyl Acetate	6.348	43	204254	27.515	ug/l	97

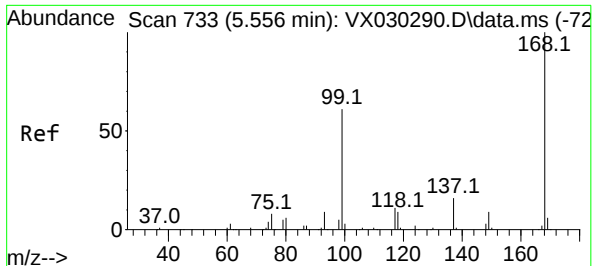
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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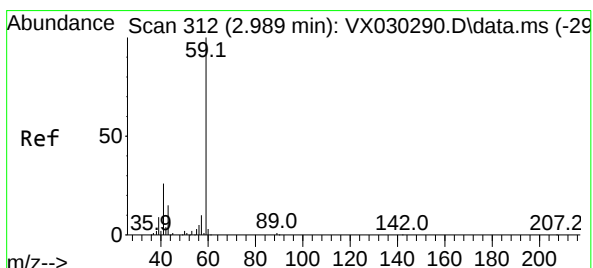
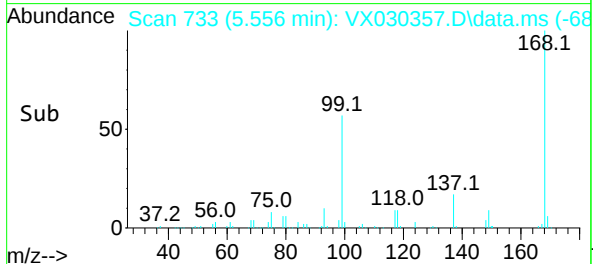
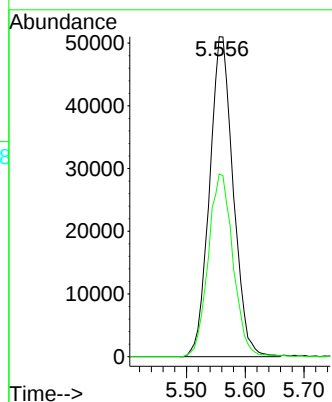
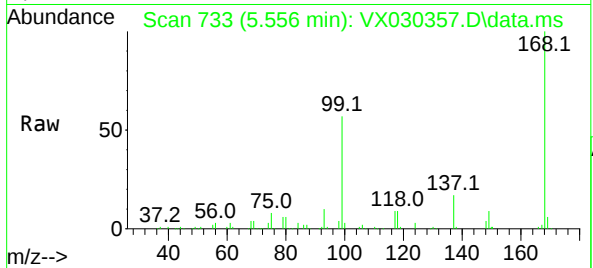




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX030357.D
Acq: 02 Aug 2022 17:05

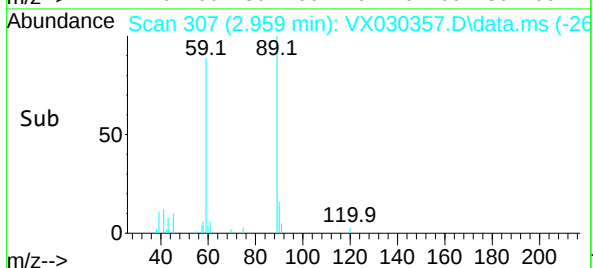
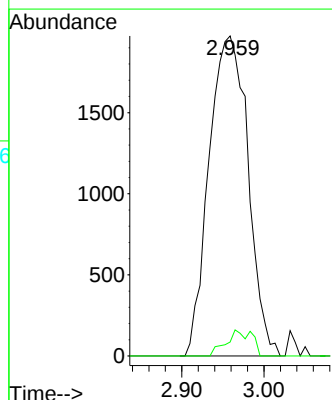
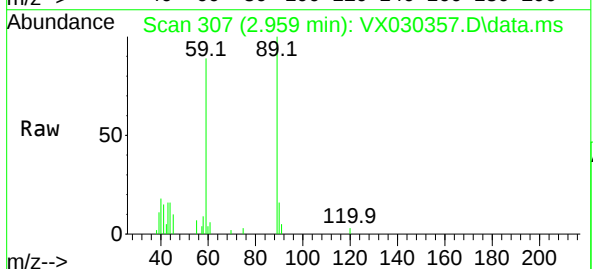
Instrument :
MSVOA_X
ClientSampleId :
PB146634ZHE#04

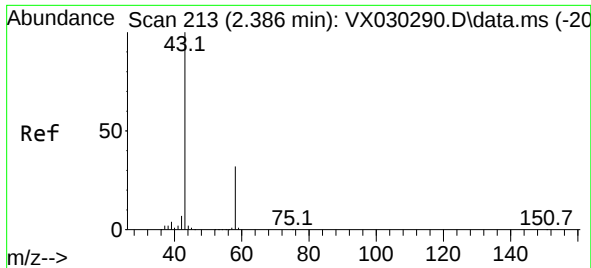
Tgt Ion:168 Resp: 142741
Ion Ratio Lower Upper
168 100
99 57.1 44.0 66.0



#11
Tert butyl alcohol
Concen: 9.294 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.018 min
Lab File: VX030357.D
Acq: 02 Aug 2022 17:05

Tgt Ion: 59 Resp: 6504
Ion Ratio Lower Upper
59 100
57 5.4 7.4 11.2#

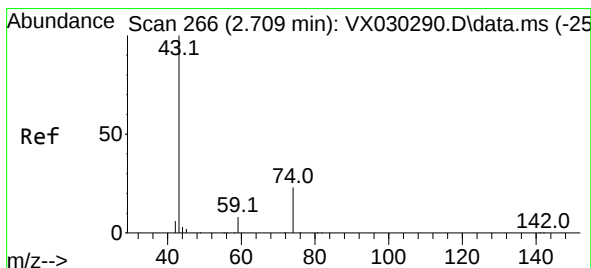
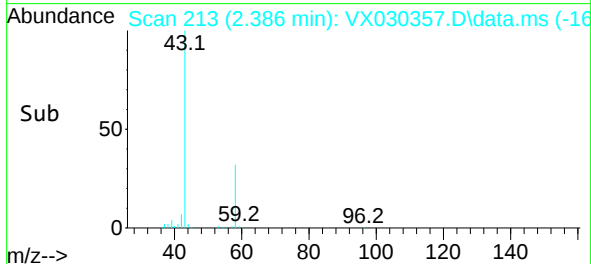
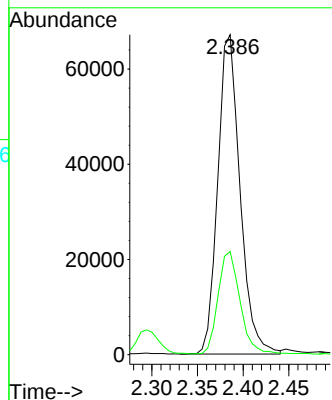
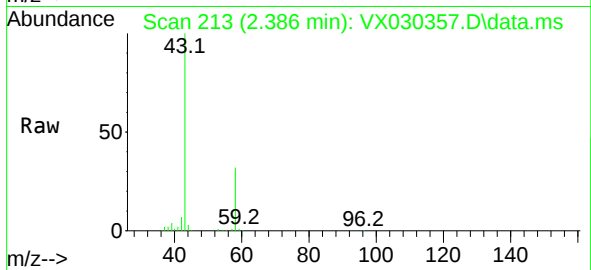




#16
Acetone
Concen: 77.461 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.001 min
Lab File: VX030357.D
Acq: 02 Aug 2022 17:05

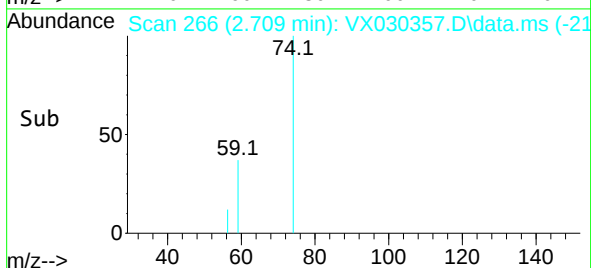
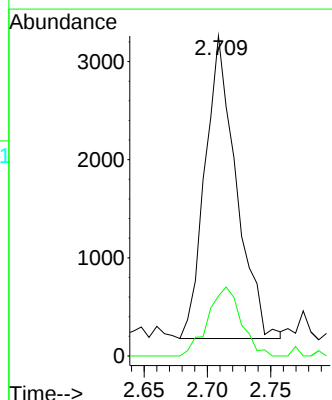
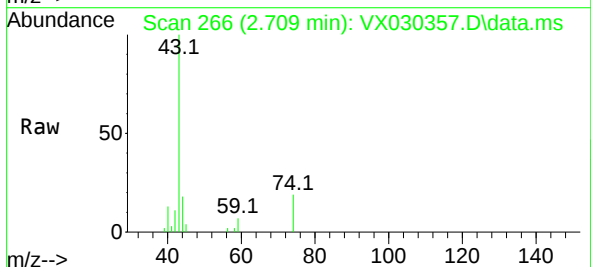
Instrument :
MSVOA_X
ClientSampleId :
PB146634ZHE#04

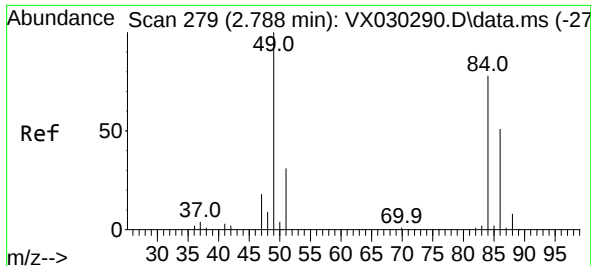
Tgt Ion: 43 Resp: 113779
Ion Ratio Lower Upper
43 100
58 31.9 27.7 41.5



#18
Methyl Acetate
Concen: 1.218 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.001 min
Lab File: VX030357.D
Acq: 02 Aug 2022 17:05

Tgt Ion: 43 Resp: 5293
Ion Ratio Lower Upper
43 100
74 24.1 19.4 29.2

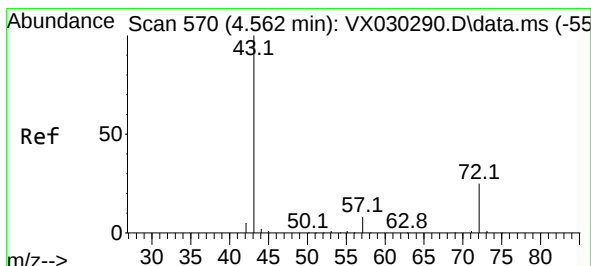
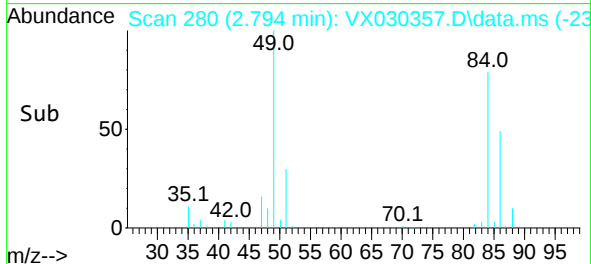
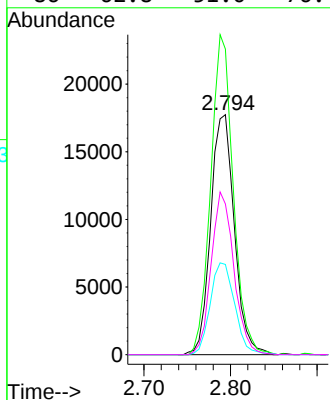
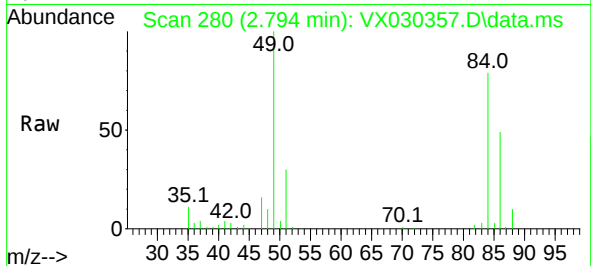




#20
Methylene Chloride
Concen: 11.441 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX030357.D
Acq: 02 Aug 2022 17:05

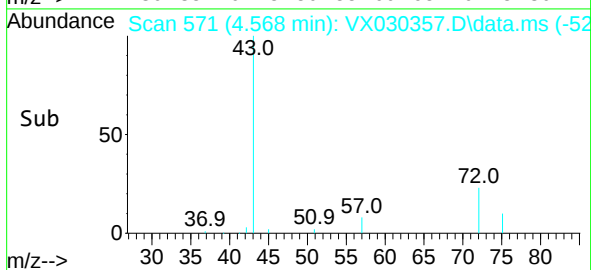
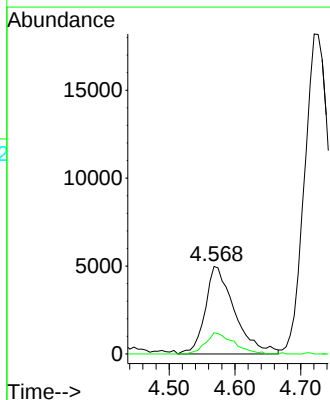
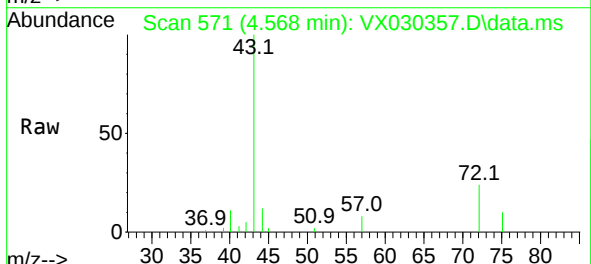
Instrument :
MSVOA_X
ClientSampleId :
PB146634ZHE#04

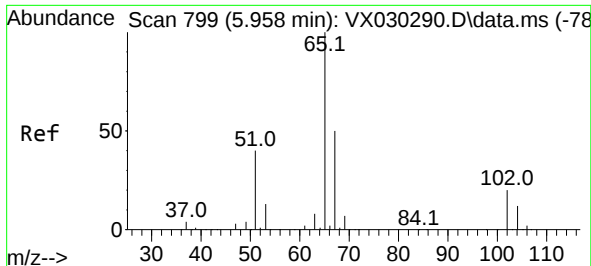
Tgt Ion: 84	Resp: 33729
Ion Ratio	Lower Upper
84 100	
49 127.3	93.8 140.6
51 37.6	29.4 44.0
86 62.8	51.0 76.4



#25
2-Butanone
Concen: 6.258 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX030357.D
Acq: 02 Aug 2022 17:05

Tgt Ion: 43	Resp: 15447
Ion Ratio	Lower Upper
43 100	
72 24.3	21.7 32.5





#33

1,2-Dichloroethane-d4

Concen: 55.542 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX030357.D

Acq: 02 Aug 2022 17:05

Instrument :

MSVOA_X

ClientSampleId :

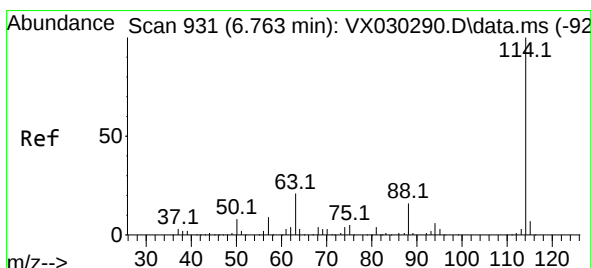
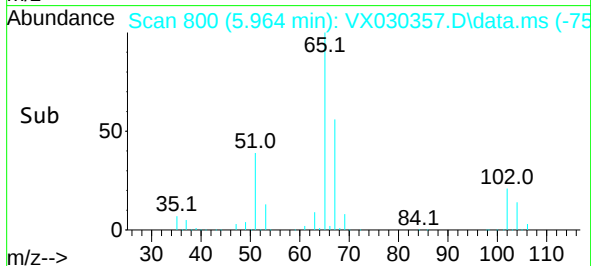
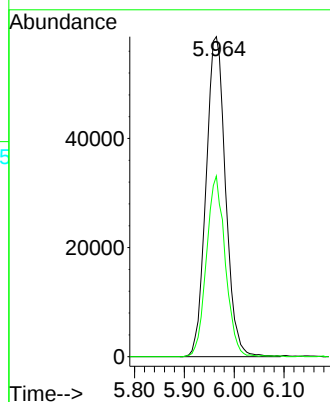
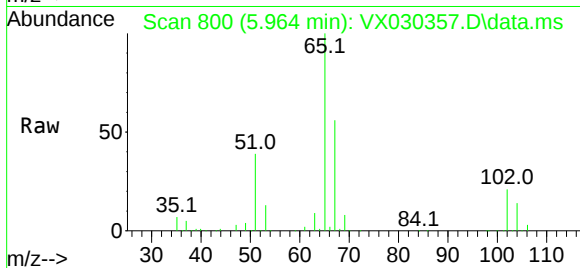
PB146634ZHE#04

Tgt Ion: 65 Resp: 159349

Ion Ratio Lower Upper

65 100

67 54.4 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: VX030357.D

Acq: 02 Aug 2022 17:05

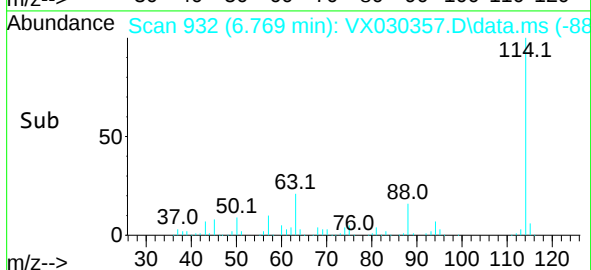
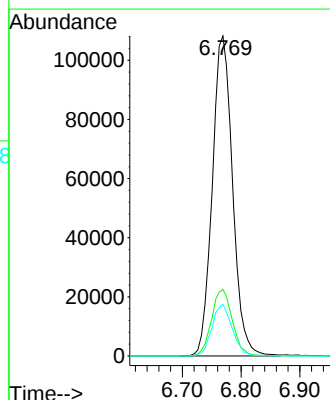
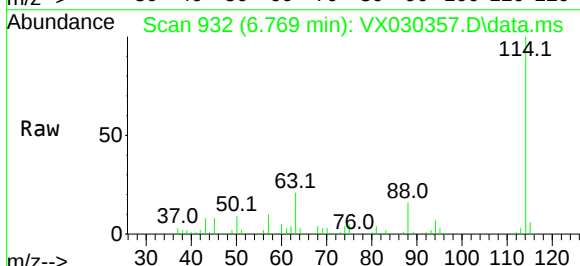
Tgt Ion: 114 Resp: 259925

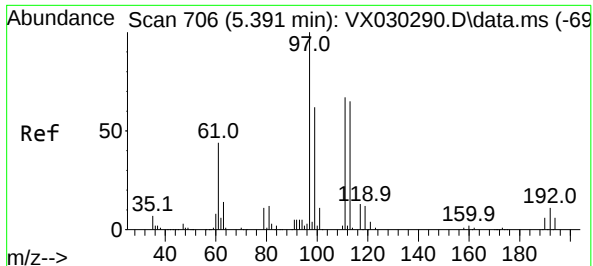
Ion Ratio Lower Upper

114 100

63 20.7 0.0 38.4

88 16.1 0.0 31.8

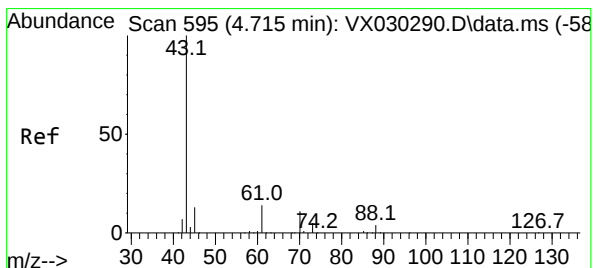
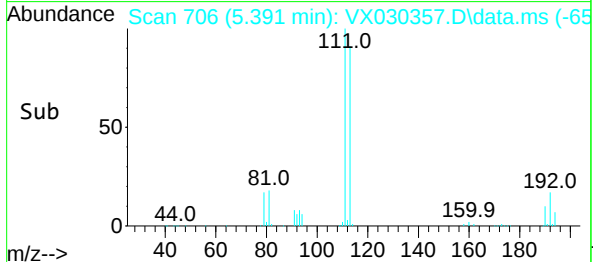
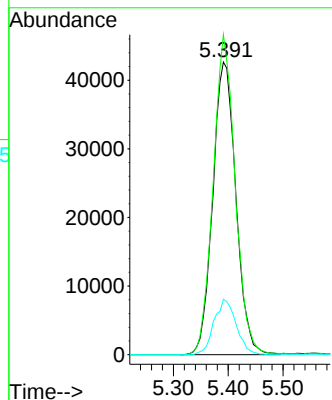
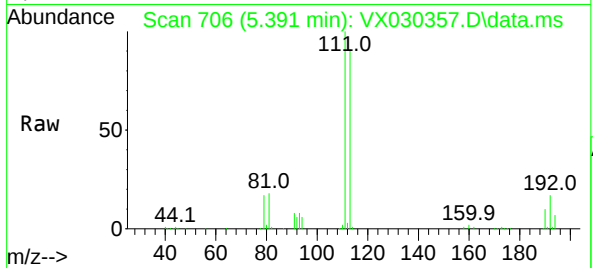




#35
Dibromofluoromethane
Concen: 50.287 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030357.D
Acq: 02 Aug 2022 17:05

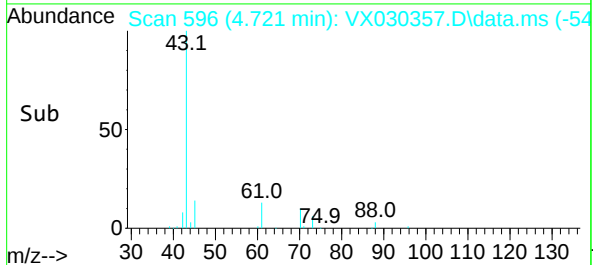
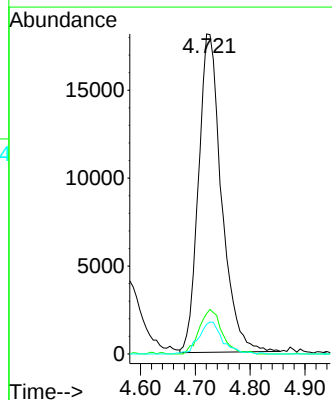
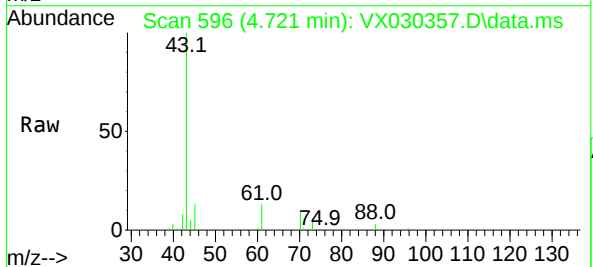
Instrument :
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ClientSampleId :
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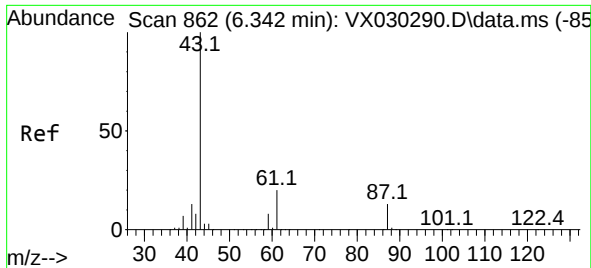
Tgt Ion:113 Resp: 124951
Ion Ratio Lower Upper
113 100
111 104.3 83.2 124.8
192 18.2 14.8 22.2



#37
Ethyl Acetate
Concen: 10.460 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.001 min
Lab File: VX030357.D
Acq: 02 Aug 2022 17:05

Tgt Ion: 43 Resp: 52967
Ion Ratio Lower Upper
43 100
61 13.8 11.7 17.5
70 10.2 9.3 13.9

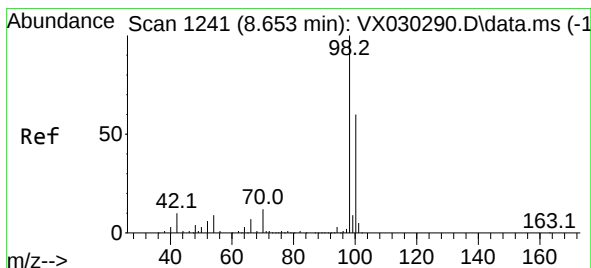
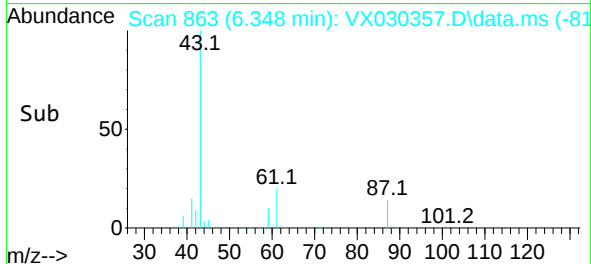
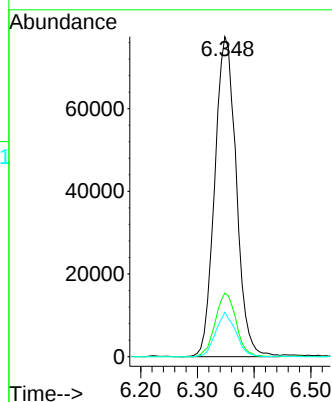
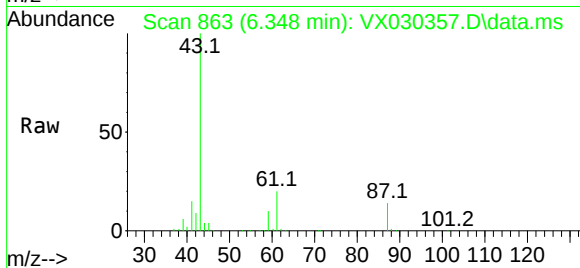




#43
Isopropyl Acetate
Concen: 27.515 ug/l
RT: 6.348 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX030357.D
Acq: 02 Aug 2022 17:05

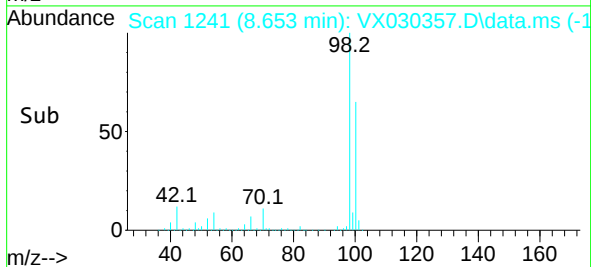
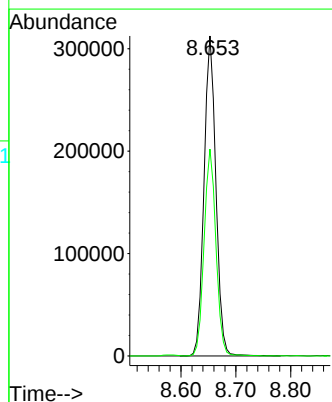
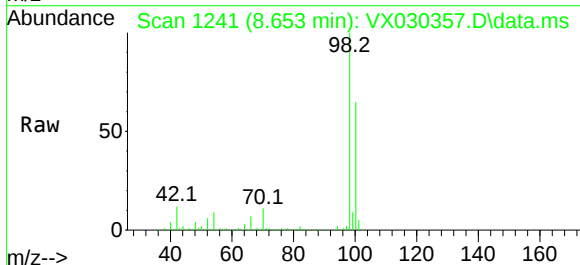
Instrument :
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PB146634ZHE#04

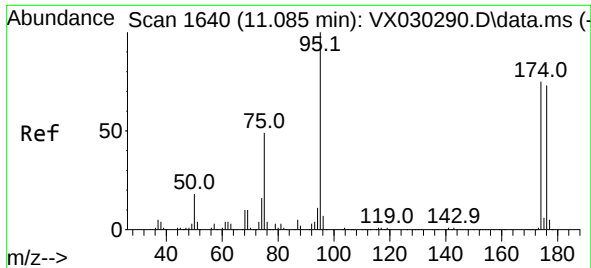
Tgt Ion: 43 Resp: 204254
Ion Ratio Lower Upper
43 100
61 19.3 16.5 24.7
87 12.9 11.1 16.7



#50
Toluene-d8
Concen: 48.709 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.001 min
Lab File: VX030357.D
Acq: 02 Aug 2022 17:05

Tgt Ion: 98 Resp: 468706
Ion Ratio Lower Upper
98 100
100 64.6 52.3 78.5

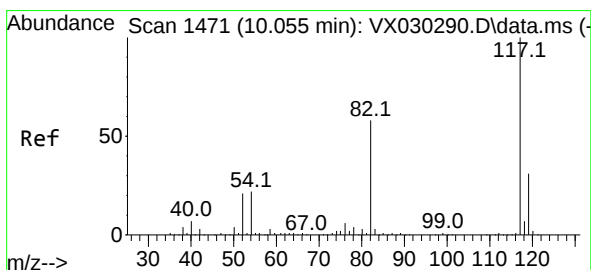
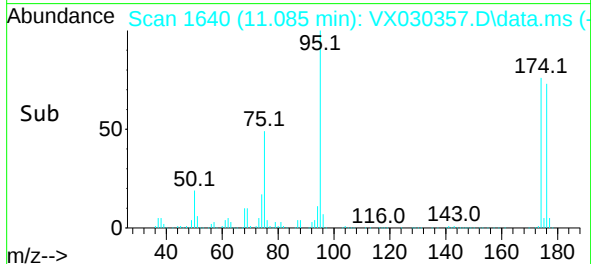
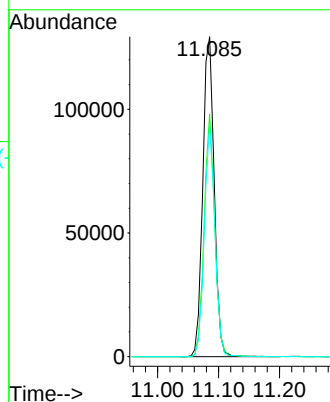
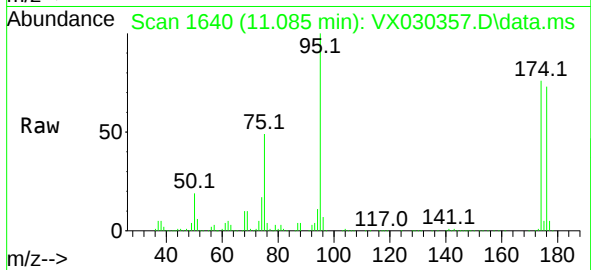




#62
4-Bromofluorobenzene
Concen: 47.120 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX030357.D
Acq: 02 Aug 2022 17:05

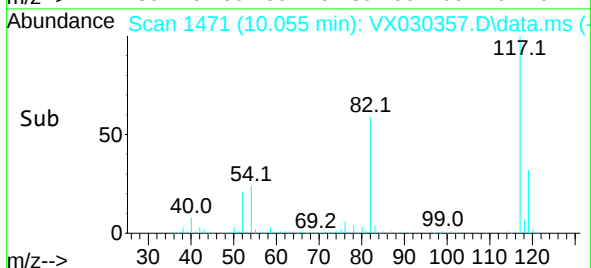
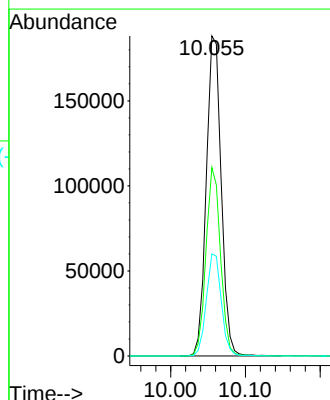
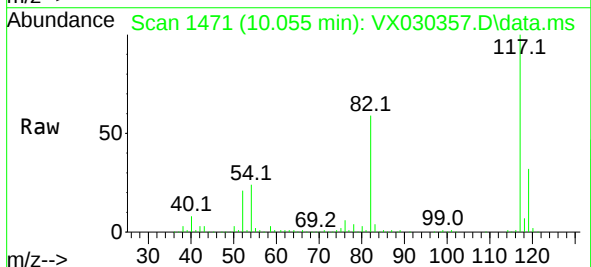
Instrument :
MSVOA_X
ClientSampleId :
PB146634ZHE#04

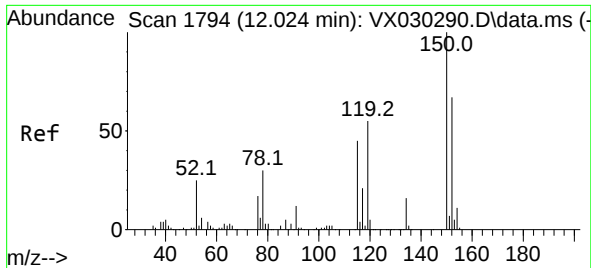
Tgt Ion: 95 Resp: 168274
Ion Ratio Lower Upper
95 100
174 71.2 0.0 149.0
176 67.4 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030357.D
Acq: 02 Aug 2022 17:05

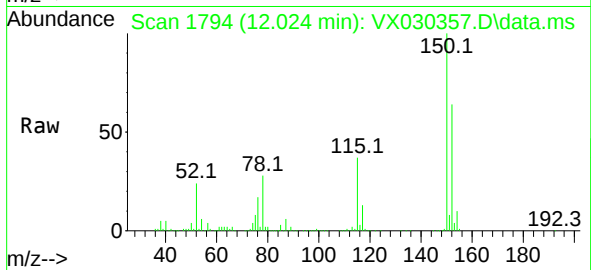
Tgt Ion: 117 Resp: 260764
Ion Ratio Lower Upper
117 100
82 58.9 42.7 64.1
119 31.9 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030357.D
 Acq: 02 Aug 2022 17:05

Instrument :
 MSVOA_X
 ClientSampleId :
 PB146634ZHE#04



Tgt Ion:152 Resp: 147040
 Ion Ratio Lower Upper
 152 100
 115 60.8 40.5 121.5
 150 157.9 0.0 347.0

