

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081122\
 Data File : VN073821.D
 Acq On : 11 Aug 2022 13:35
 Operator : JC\MD
 Sample : PB146912TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB146912TB

Quant Time: Aug 12 06:00:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 05:09:32 2022
 Response via : Initial Calibration

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

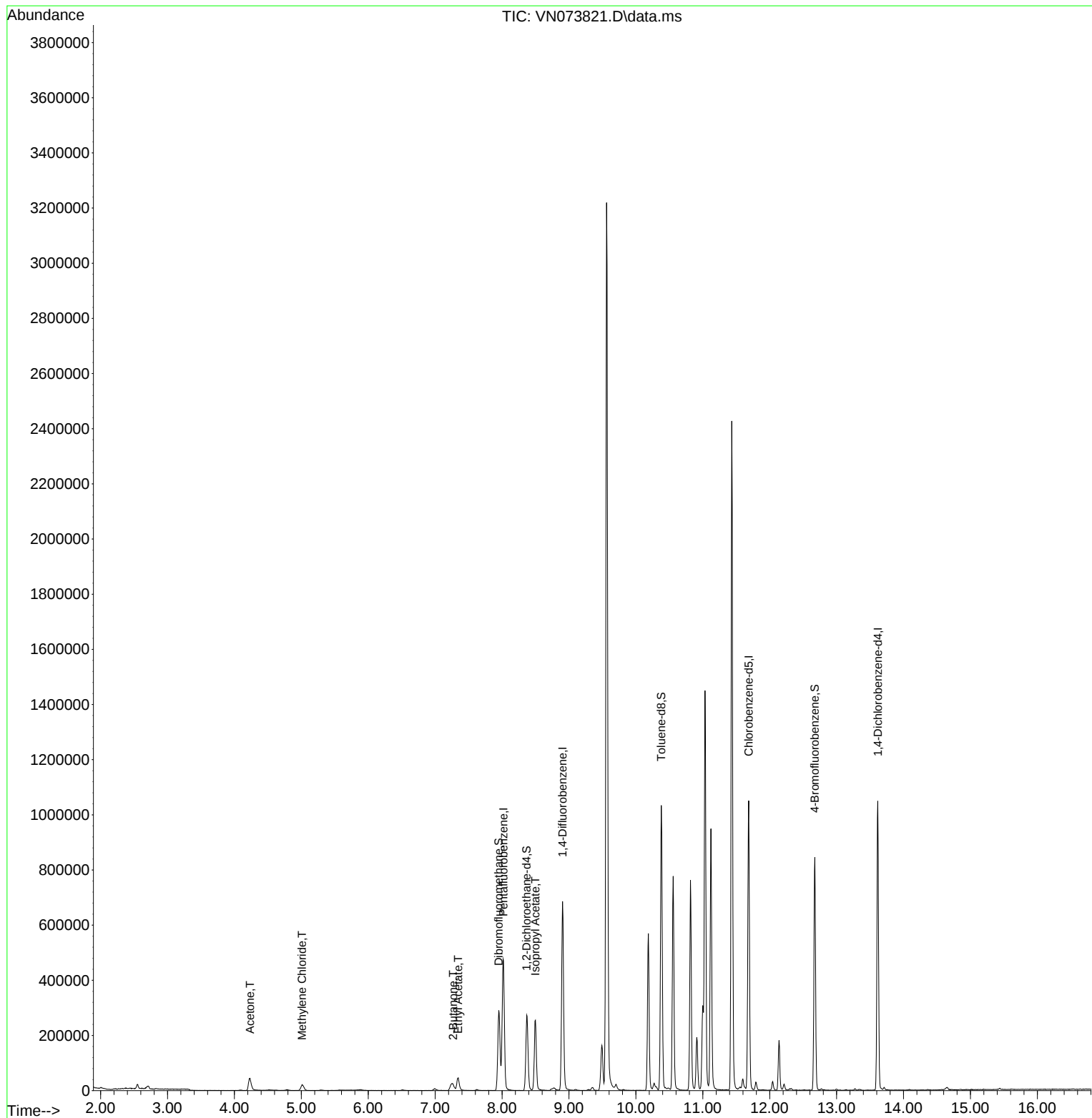
Internal Standards						
1) Pentafluorobenzene	8.022	168	394409	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	629984	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	635254	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	306590	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	225246	46.863	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.720%
35) Dibromofluoromethane	7.951	113	215823	54.557	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.120%
50) Toluene-d8	10.380	98	732127	47.031	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.060%
62) 4-Bromofluorobenzene	12.674	95	279210	51.033	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.060%
Target Compounds						
					Qvalue	
16) Acetone	4.234	43	85171	32.991	ug/l	98
20) Methylene Chloride	5.010	84	17875	2.172	ug/l	90
25) 2-Butanone	7.269	43	27553	6.872	ug/l	90
37) Ethyl Acetate	7.345	43	74068	9.975	ug/l	99
43) Isopropyl Acetate	8.498	43	283984	28.316	ug/l #	92

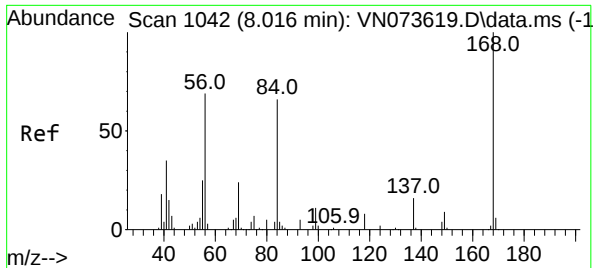
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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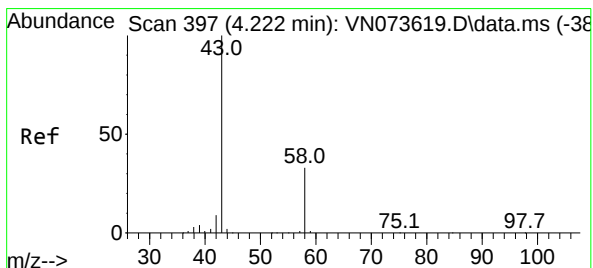
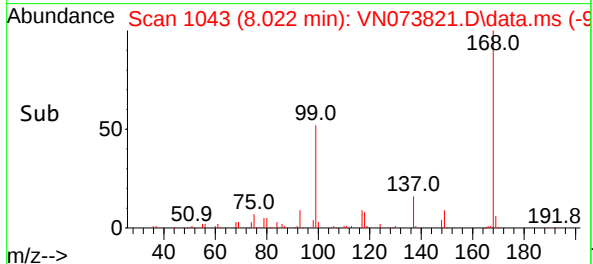
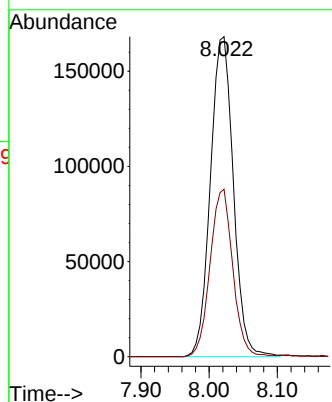
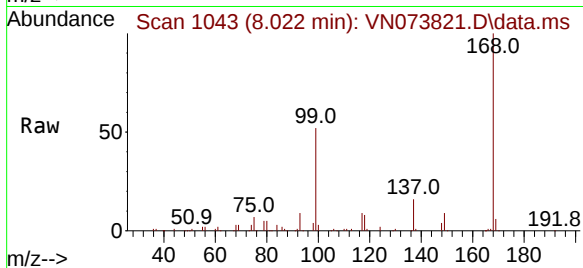




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VN073821.D
Acq: 11 Aug 2022 13:35

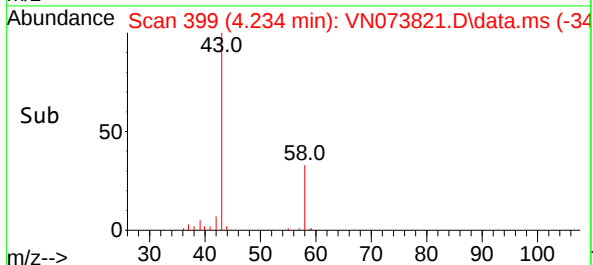
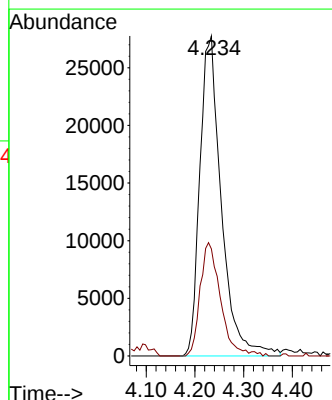
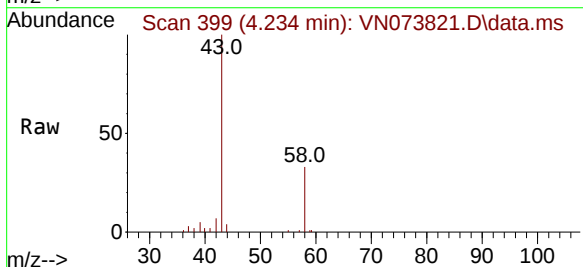
Instrument :
MSVOA_N
ClientSampleId :
PB146912TB

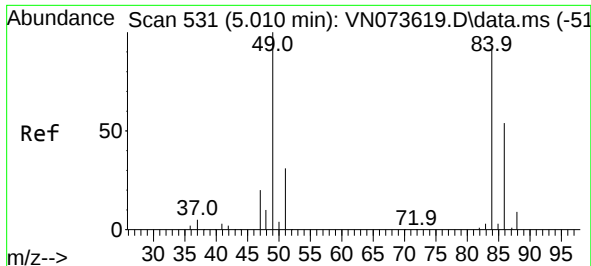
Tgt Ion:168 Resp: 394409
Ion Ratio Lower Upper
168 100
99 52.4 42.3 63.5



#16
Acetone
Concen: 32.991 ug/l
RT: 4.234 min Scan# 399
Delta R.T. 0.012 min
Lab File: VN073821.D
Acq: 11 Aug 2022 13:35

Tgt Ion: 43 Resp: 85171
Ion Ratio Lower Upper
43 100
58 33.5 26.0 39.0

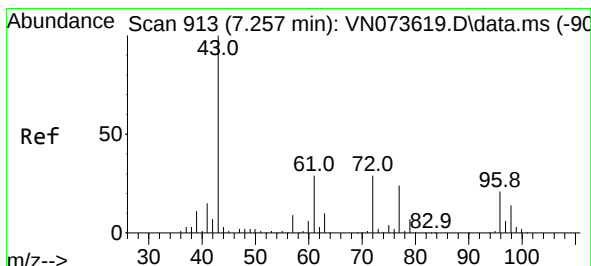
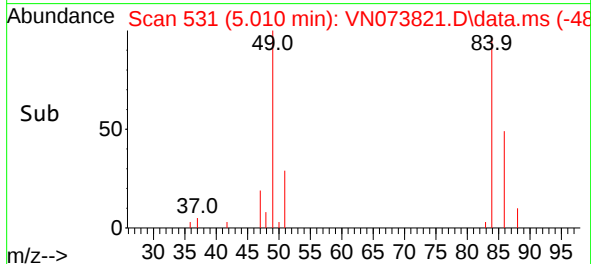
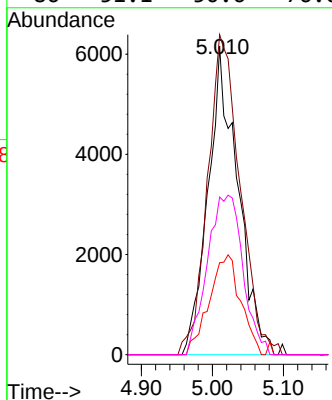
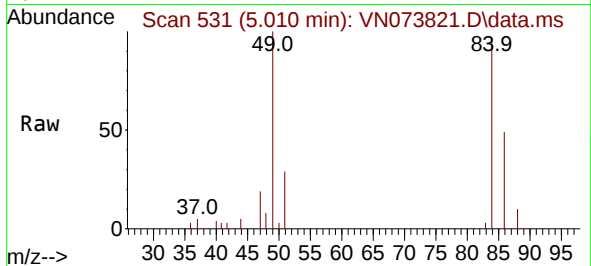




#20
Methylene Chloride
Concen: 2.172 ug/l
RT: 5.010 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN073821.D
Acq: 11 Aug 2022 13:35

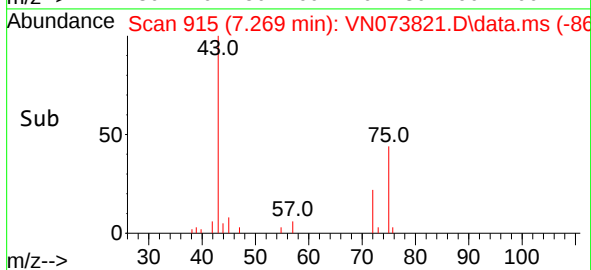
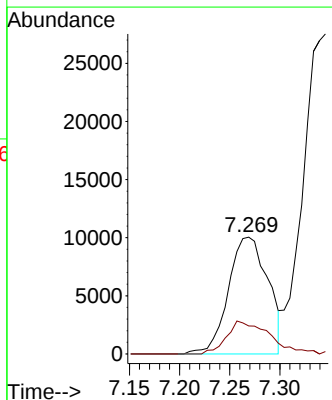
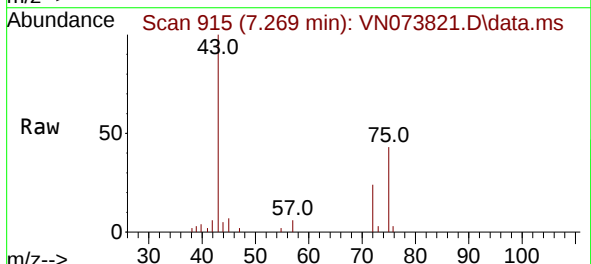
Instrument :
MSVOA_N
ClientSampleId :
PB146912TB

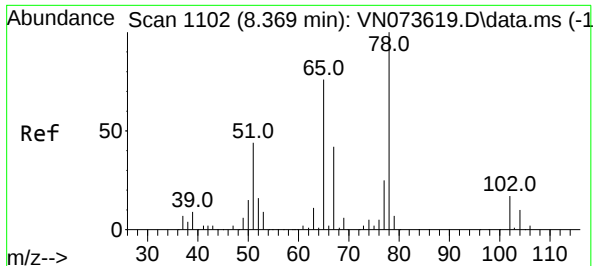
Tgt Ion:	84	Resp:	17875
Ion	Ratio	Lower	Upper
84	100		
49	103.7	88.3	132.5
51	29.8	28.2	42.2
86	51.1	50.6	76.0



#25
2-Butanone
Concen: 6.872 ug/l
RT: 7.269 min Scan# 915
Delta R.T. 0.012 min
Lab File: VN073821.D
Acq: 11 Aug 2022 13:35

Tgt Ion:	43	Resp:	27553
Ion	Ratio	Lower	Upper
43	100		
72	24.0	23.7	35.5





#33

1,2-Dichloroethane-d4

Concen: 46.863 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN073821.D

Acq: 11 Aug 2022 13:35

Instrument :

MSVOA_N

ClientSampleId :

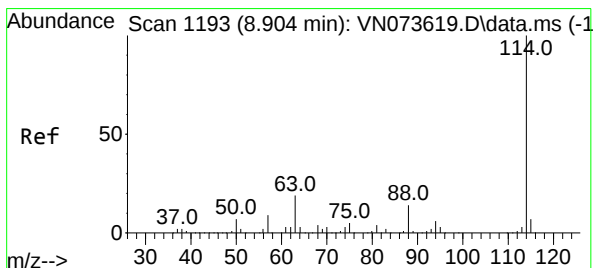
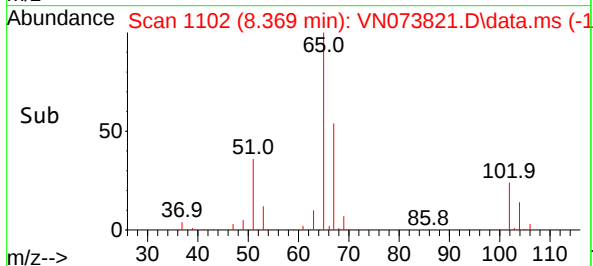
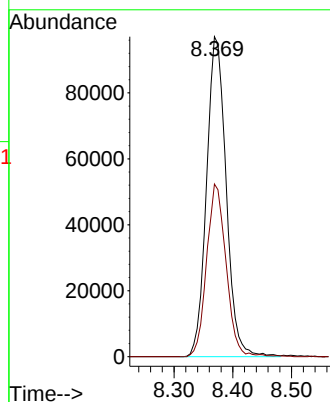
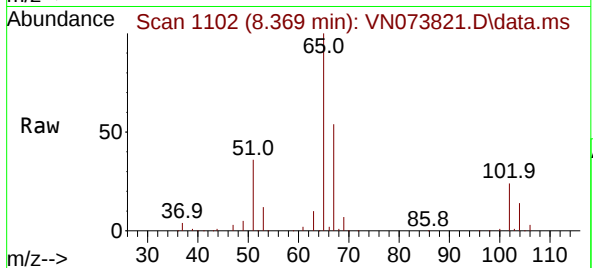
PB146912TB

Tgt Ion: 65 Resp: 225246

Ion Ratio Lower Upper

65 100

67 53.5 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN073821.D

Acq: 11 Aug 2022 13:35

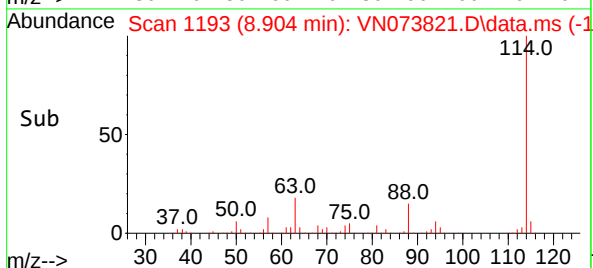
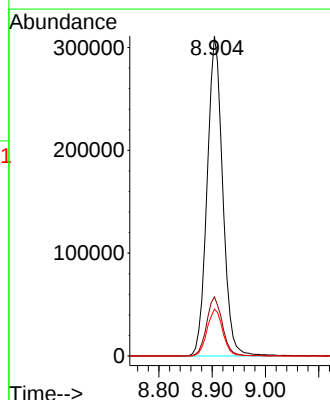
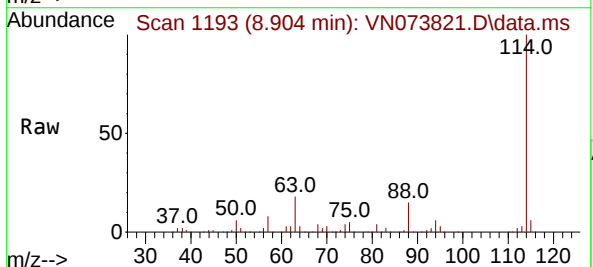
Tgt Ion: 114 Resp: 629984

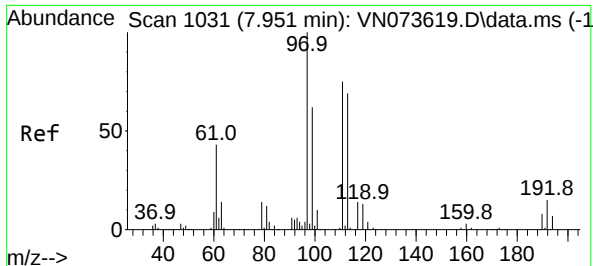
Ion Ratio Lower Upper

114 100

63 18.4 0.0 40.0

88 14.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 54.557 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073821.D

Acq: 11 Aug 2022 13:35

Instrument :

MSVOA_N

ClientSampleId :

PB146912TB

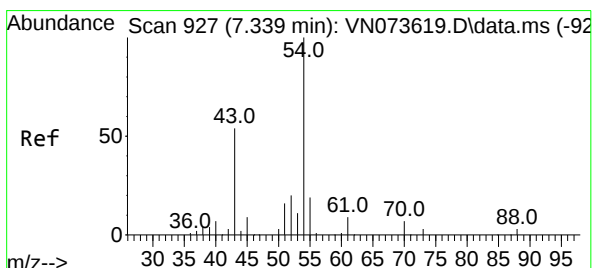
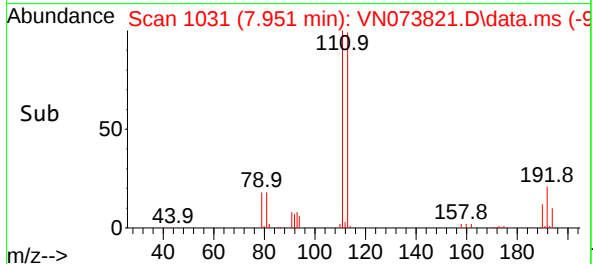
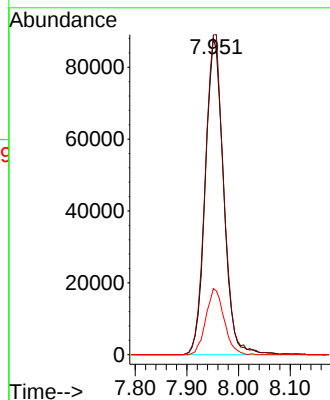
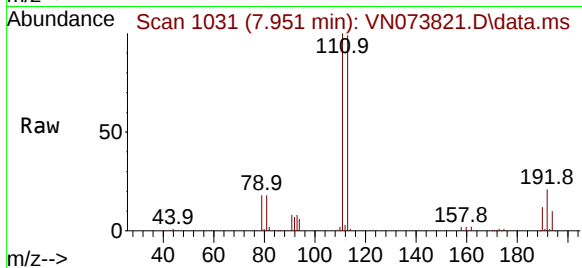
Tgt Ion:113 Resp: 215823

Ion Ratio Lower Upper

113 100

111 102.9 81.4 122.0

192 20.8 17.0 25.6



#37

Ethyl Acetate

Concen: 9.975 ug/l

RT: 7.345 min Scan# 928

Delta R.T. 0.006 min

Lab File: VN073821.D

Acq: 11 Aug 2022 13:35

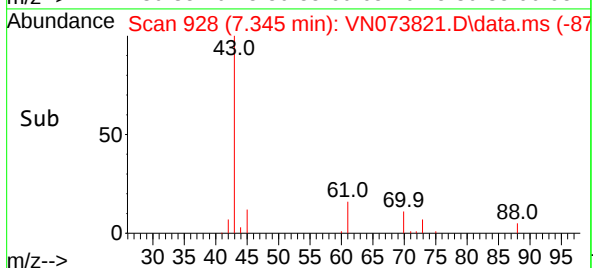
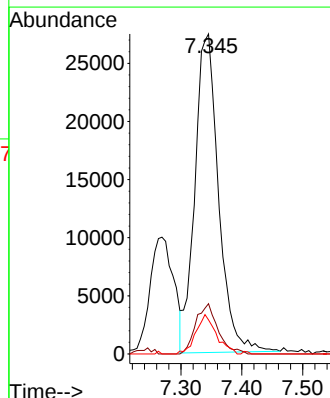
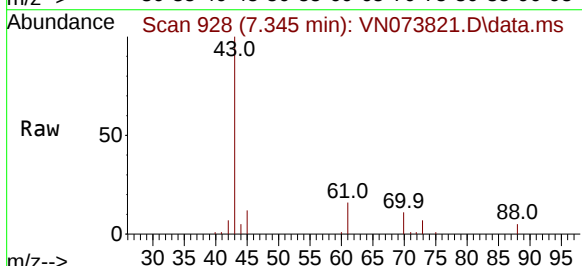
Tgt Ion: 43 Resp: 74068

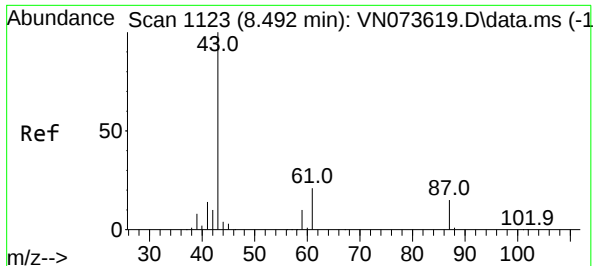
Ion Ratio Lower Upper

43 100

61 14.8 11.8 17.6

70 10.7 9.3 13.9





#43

Isopropyl Acetate

Concen: 28.316 ug/l

RT: 8.498 min Scan# 1124

Delta R.T. 0.006 min

Lab File: VN073821.D

Acq: 11 Aug 2022 13:35

Instrument :

MSVOA_N

ClientSampleId :

PB146912TB

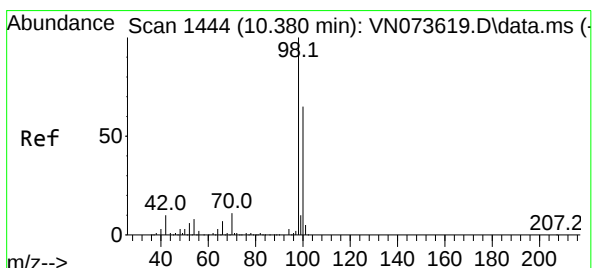
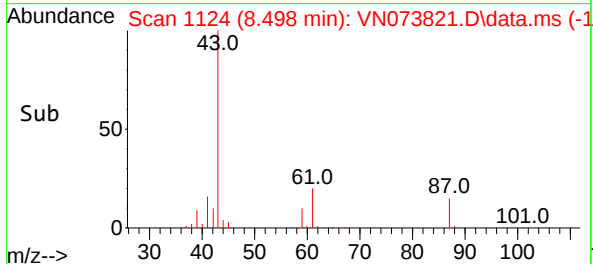
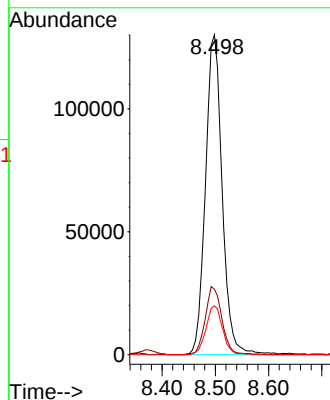
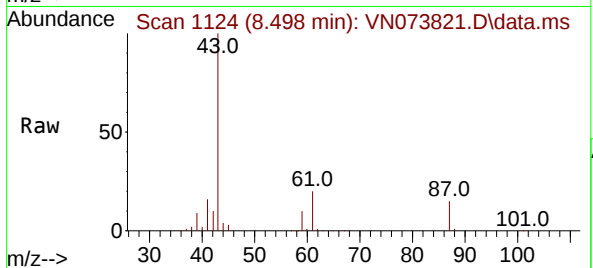
Tgt Ion: 43 Resp: 283984

Ion Ratio Lower Upper

43 100

61 21.2 21.9 32.9#

87 15.2 12.0 18.0



#50

Toluene-d8

Concen: 47.031 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN073821.D

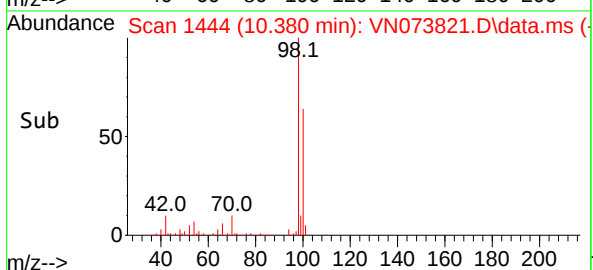
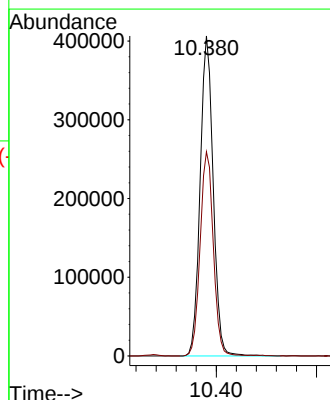
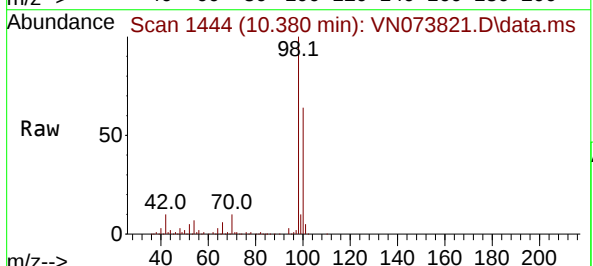
Acq: 11 Aug 2022 13:35

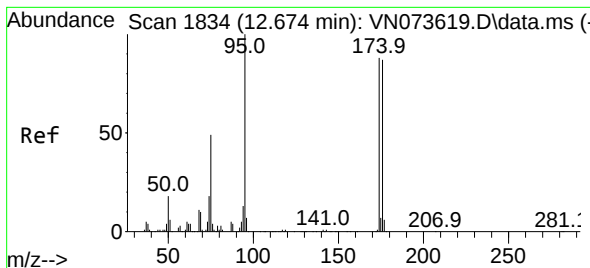
Tgt Ion: 98 Resp: 732127

Ion Ratio Lower Upper

98 100

100 64.8 52.6 78.8

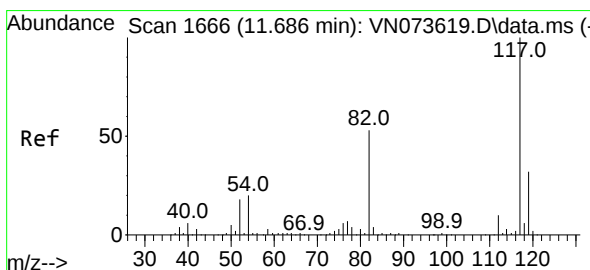
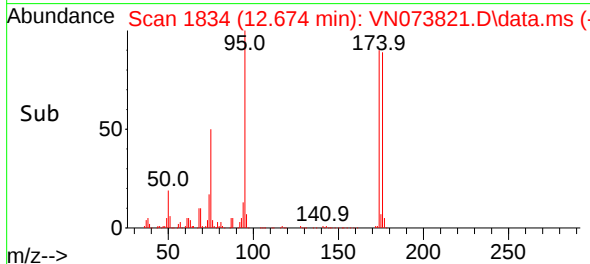
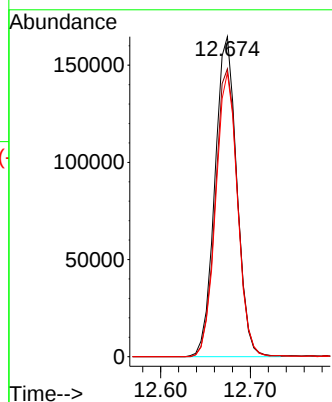
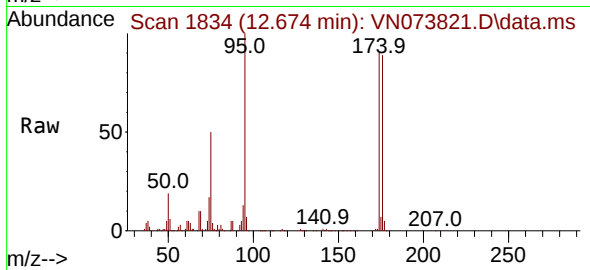




#62
4-Bromofluorobenzene
Concen: 51.033 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073821.D
Acq: 11 Aug 2022 13:35

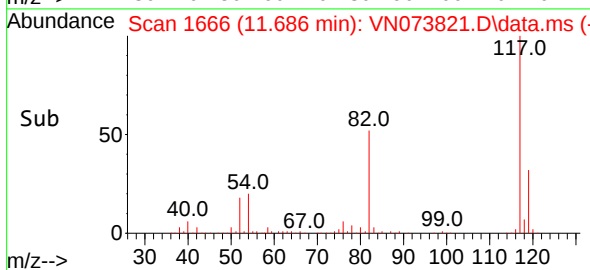
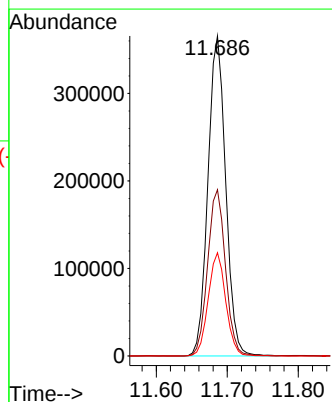
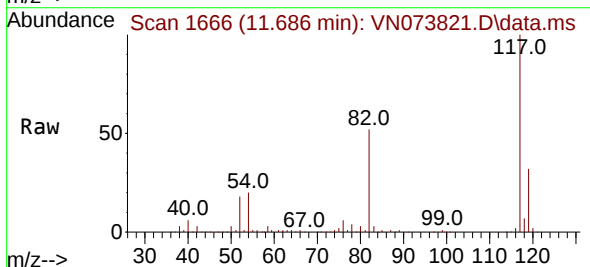
Instrument :
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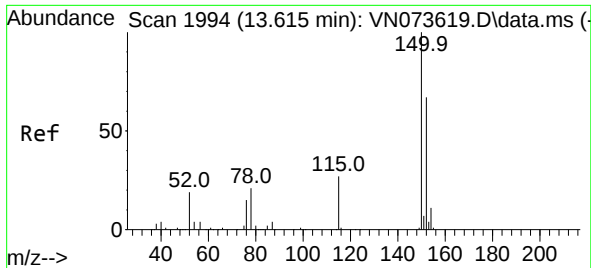
Tgt Ion: 95 Resp: 279210
Ion Ratio Lower Upper
95 100
174 91.9 0.0 167.6
176 88.4 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN073821.D
Acq: 11 Aug 2022 13:35

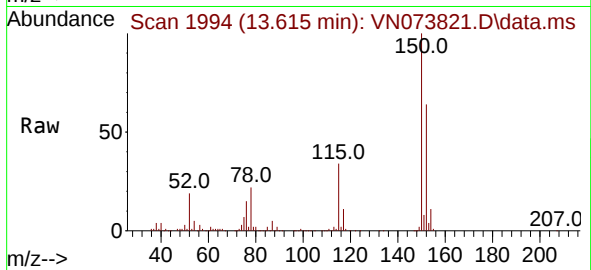
Tgt Ion: 117 Resp: 635254
Ion Ratio Lower Upper
117 100
82 51.9 44.2 66.2
119 32.2 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.615 min Scan# 1994
 Delta R.T. 0.000 min
 Lab File: VN073821.D
 Acq: 11 Aug 2022 13:35

Instrument :
 MSVOA_N
 ClientSampleId :
 PB146912TB



Tgt Ion:152 Resp: 306590
 Ion Ratio Lower Upper
 152 100
 115 54.5 28.9 86.7
 150 155.3 0.0 356.2

