

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081322\
 Data File : VN073877.D
 Acq On : 13 Aug 2022 18:53
 Operator : JC\MD
 Sample : PB146976ZHE#03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB146976ZHE#03

Quant Time: Aug 14 02:38:16 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)

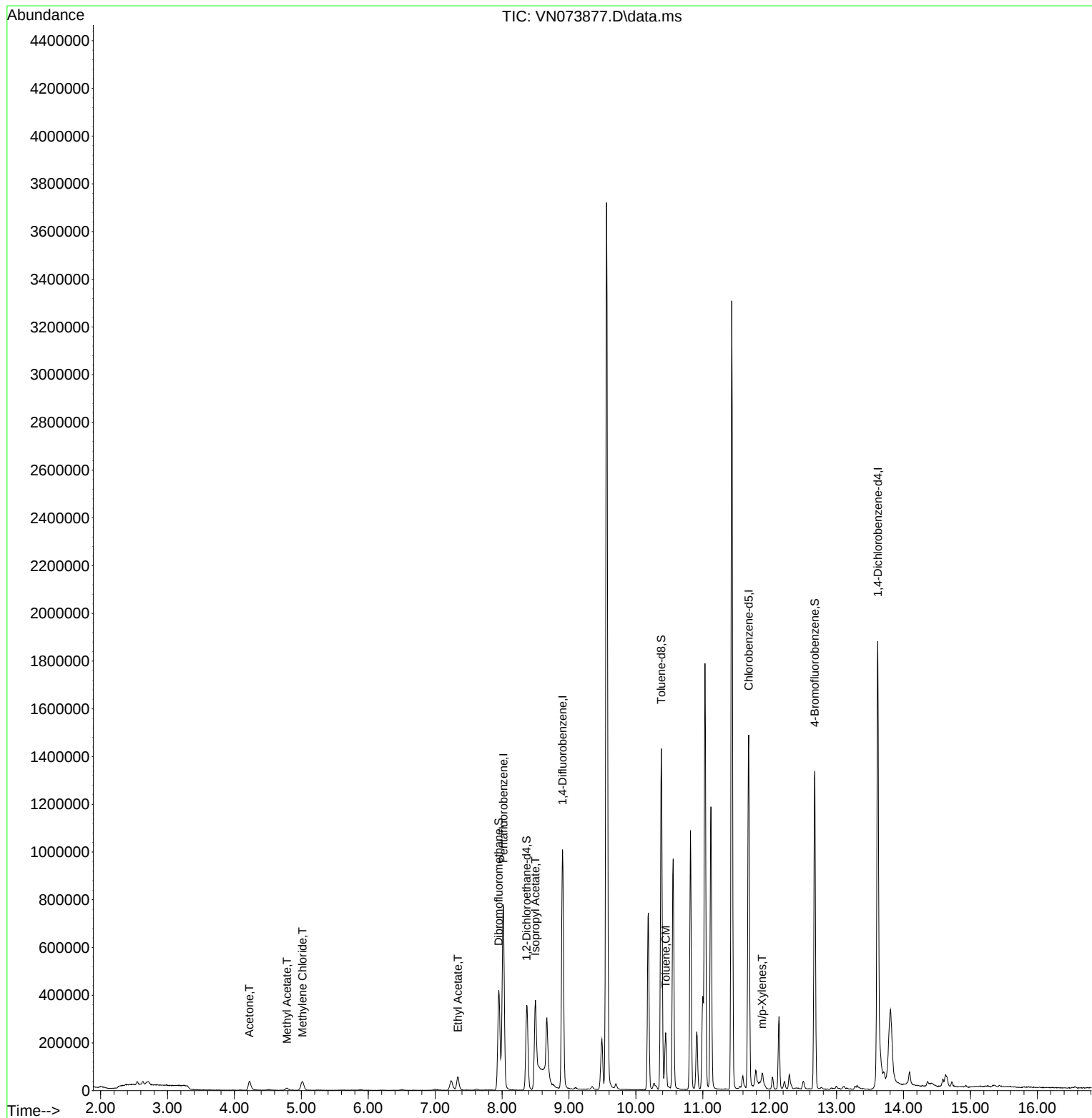
Internal Standards						
1) Pentafluorobenzene	8.022	168	672097	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	969583	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	929143	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	518476	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	306435	37.413	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	74.820%
35) Dibromofluoromethane	7.951	113	303095	49.783	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.560%
50) Toluene-d8	10.380	98	1020576	42.598	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	85.200%#
62) 4-Bromofluorobenzene	12.674	95	440374	52.230	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.460%
Target Compounds						
					Qvalue	
16) Acetone	4.222	43	68140	15.489	ug/l	96
18) Methyl Acetate	4.787	43	17136	1.566	ug/l	95
20) Methylene Chloride	5.016	84	32933	2.535	ug/l	97
37) Ethyl Acetate	7.339	43	84743	7.416	ug/l	97
43) Isopropyl Acetate	8.498	43	521970	33.816	ug/l #	82
52) Toluene	10.445	92	101337	5.888	ug/l	98
68) m/p-Xylenes	11.886	106	17073	1.344	ug/l	93

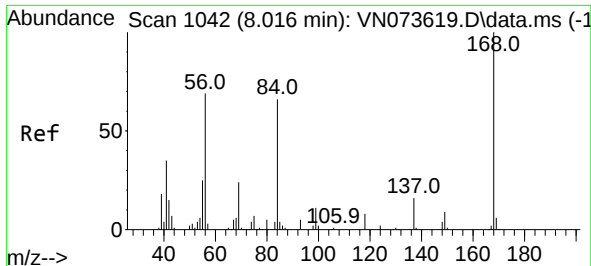
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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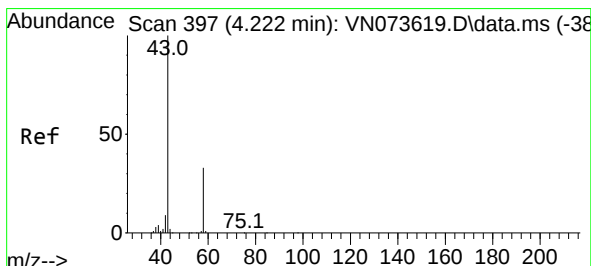
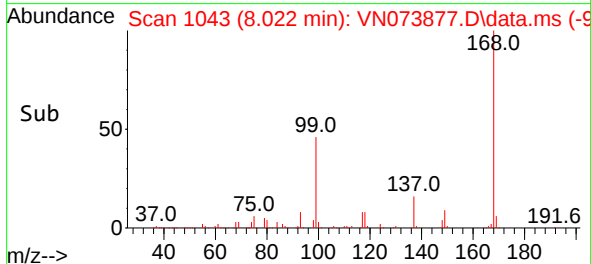
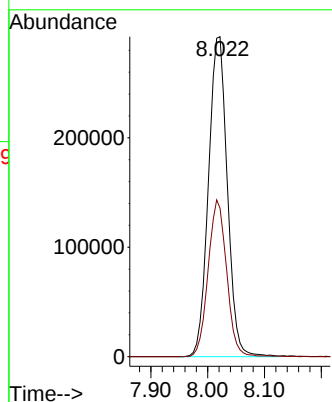
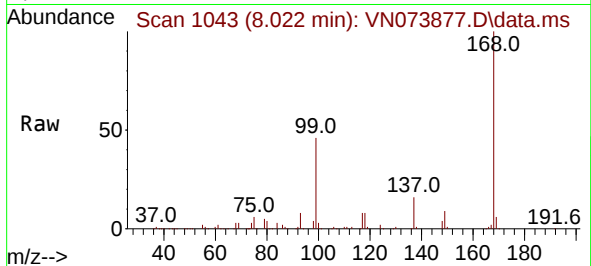




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VN073877.D
Acq: 13 Aug 2022 18:53

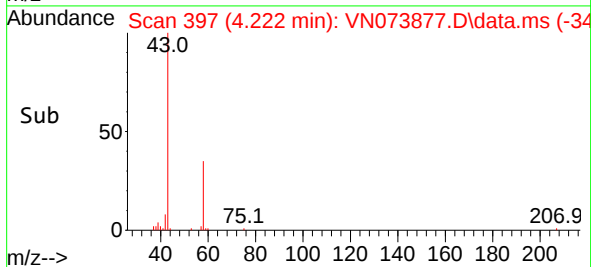
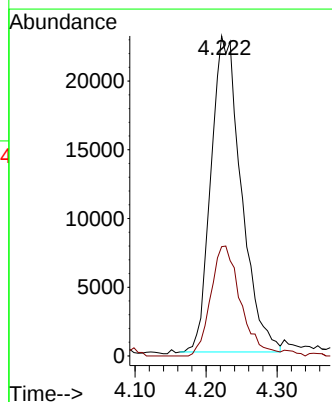
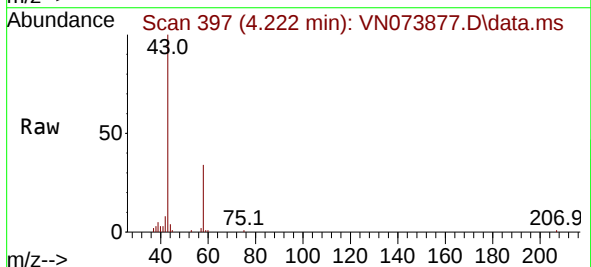
Instrument :
MSVOA_N
ClientSampleId :
PB146976ZHE#03

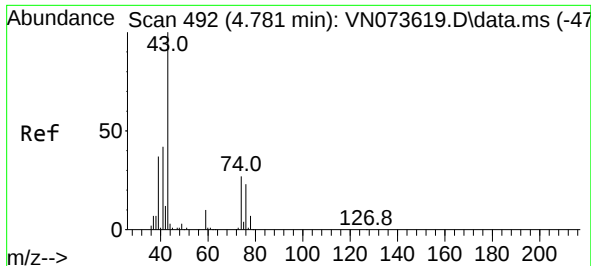
Tgt Ion:168 Resp: 672097
Ion Ratio Lower Upper
168 100
99 46.4 42.3 63.5



#16
Acetone
Concen: 15.489 ug/l
RT: 4.222 min Scan# 397
Delta R.T. -0.000 min
Lab File: VN073877.D
Acq: 13 Aug 2022 18:53

Tgt Ion: 43 Resp: 68140
Ion Ratio Lower Upper
43 100
58 34.6 26.0 39.0

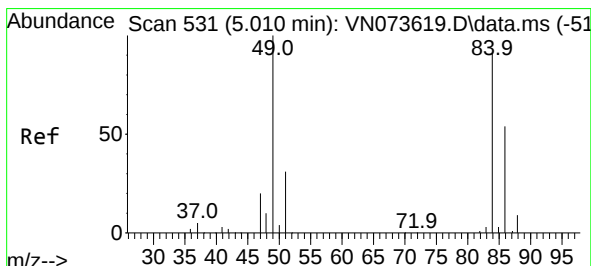
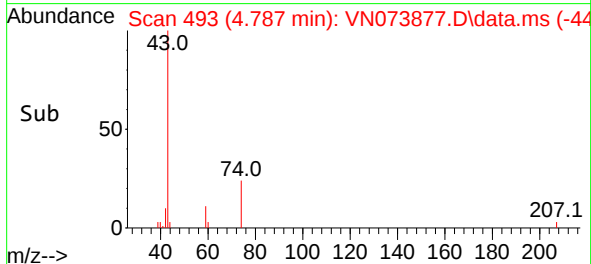
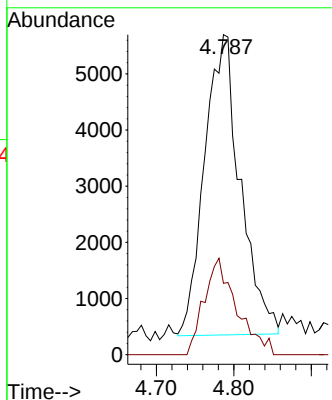
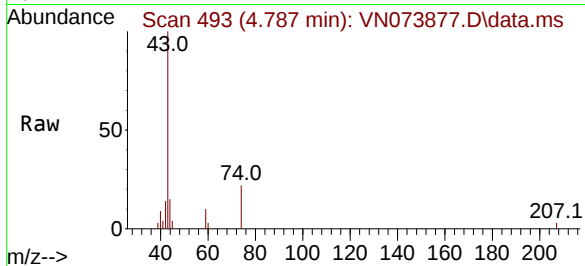




#18
Methyl Acetate
Concen: 1.566 ug/l
RT: 4.787 min Scan# 492
Delta R.T. 0.006 min
Lab File: VN073877.D
Acq: 13 Aug 2022 18:53

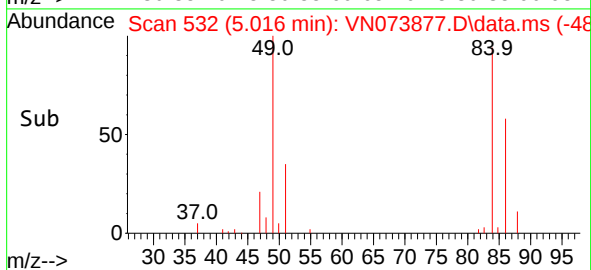
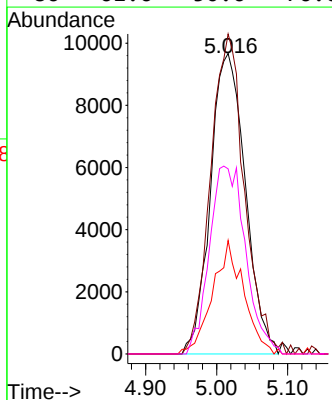
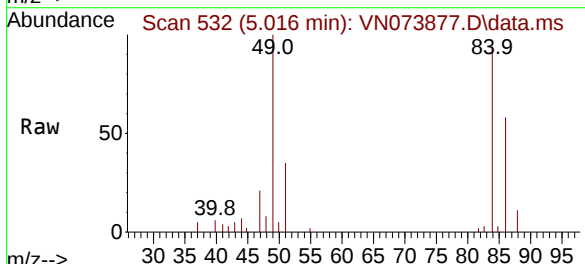
Instrument :
MSVOA_N
ClientSampleId :
PB146976ZHE#03

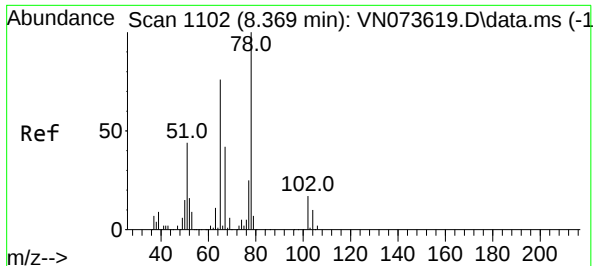
Tgt Ion: 43 Resp: 17136
Ion Ratio Lower Upper
43 100
74 29.4 21.6 32.4



#20
Methylene Chloride
Concen: 2.535 ug/l
RT: 5.016 min Scan# 532
Delta R.T. 0.006 min
Lab File: VN073877.D
Acq: 13 Aug 2022 18:53

Tgt Ion: 84 Resp: 32933
Ion Ratio Lower Upper
84 100
49 106.5 88.3 132.5
51 37.7 28.2 42.2
86 61.6 50.6 76.0





#33

1,2-Dichloroethane-d4

Concen: 37.413 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073877.D

Acq: 13 Aug 2022 18:53

Instrument :

MSVOA_N

ClientSampleId :

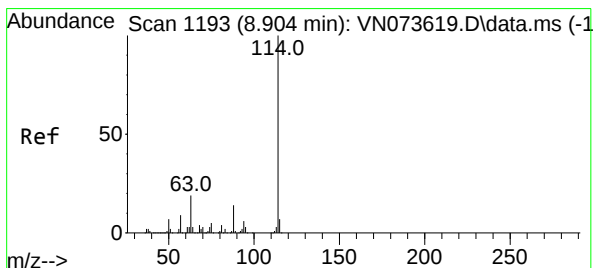
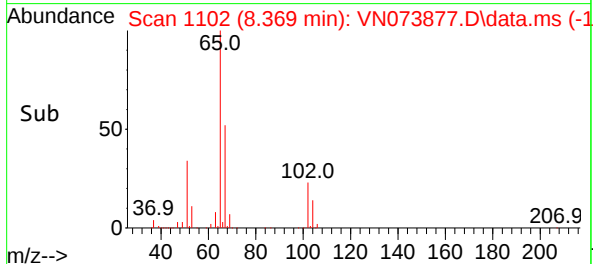
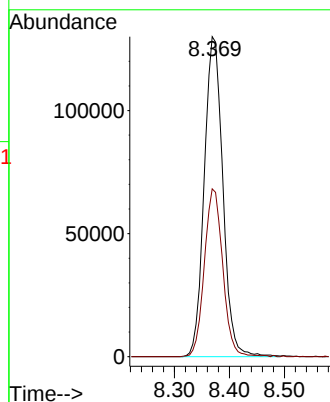
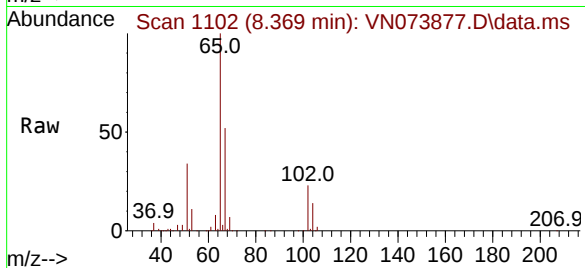
PB146976ZHE#03

Tgt Ion: 65 Resp: 306435

Ion Ratio Lower Upper

65 100

67 51.8 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: VN073877.D

Acq: 13 Aug 2022 18:53

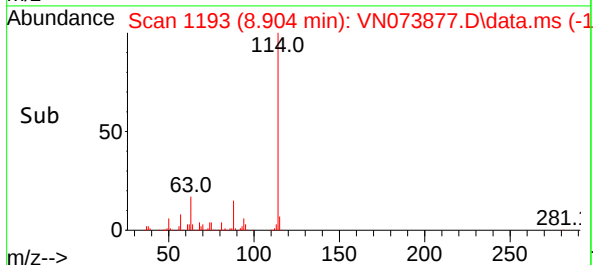
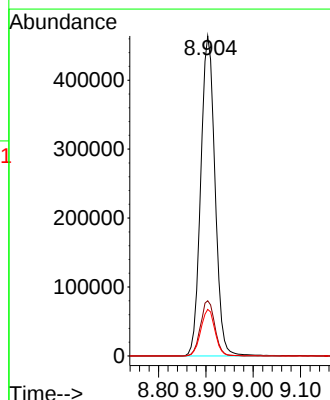
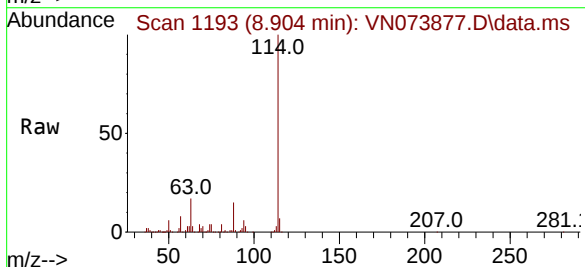
Tgt Ion: 114 Resp: 969583

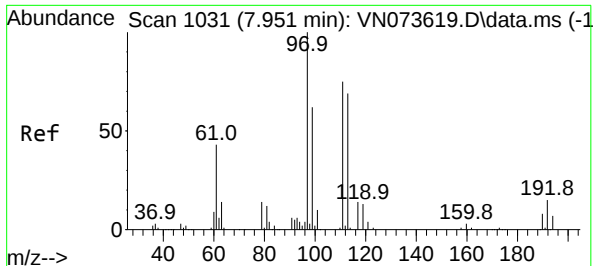
Ion Ratio Lower Upper

114 100

63 17.3 0.0 40.0

88 14.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 49.783 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VN073877.D

Acq: 13 Aug 2022 18:53

Instrument :

MSVOA_N

ClientSampleId :

PB146976ZHE#03

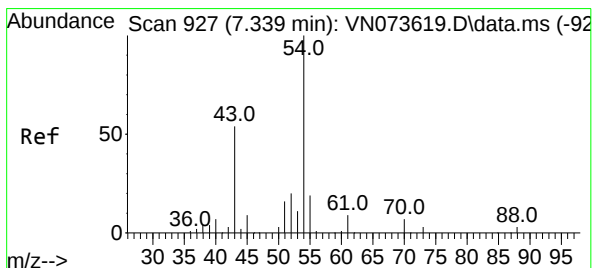
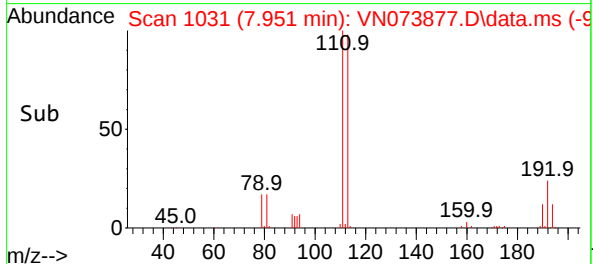
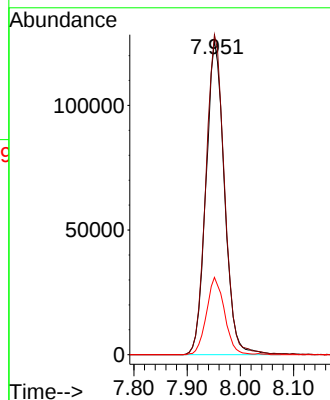
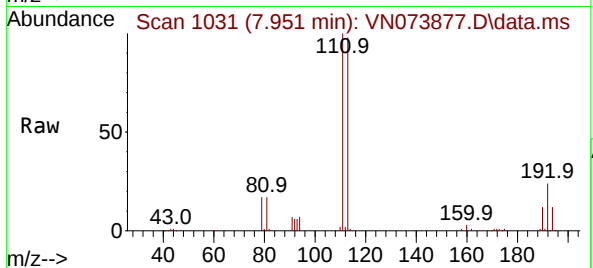
Tgt Ion:113 Resp: 303095

Ion Ratio Lower Upper

113 100

111 102.9 81.4 122.0

192 24.1 17.0 25.6



#37

Ethyl Acetate

Concen: 7.416 ug/l

RT: 7.339 min Scan# 927

Delta R.T. -0.000 min

Lab File: VN073877.D

Acq: 13 Aug 2022 18:53

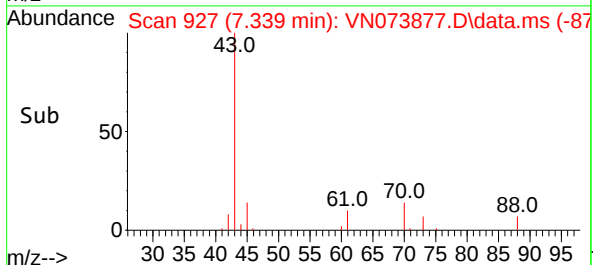
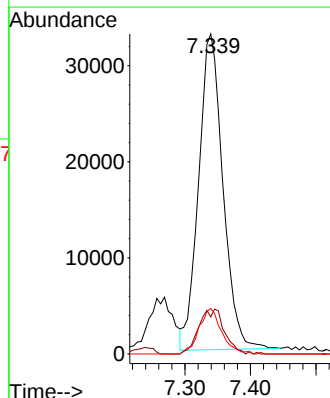
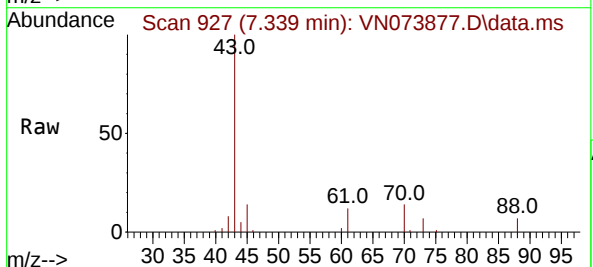
Tgt Ion: 43 Resp: 84743

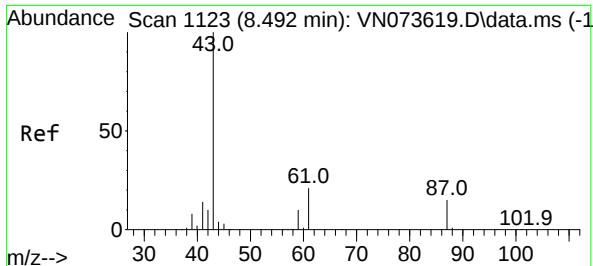
Ion Ratio Lower Upper

43 100

61 15.0 11.8 17.6

70 13.4 9.3 13.9





#43

Isopropyl Acetate

Concen: 33.816 ug/l

RT: 8.498 min Scan# 1123

Delta R.T. 0.006 min

Lab File: VN073877.D

Acq: 13 Aug 2022 18:53

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MSVOA_N

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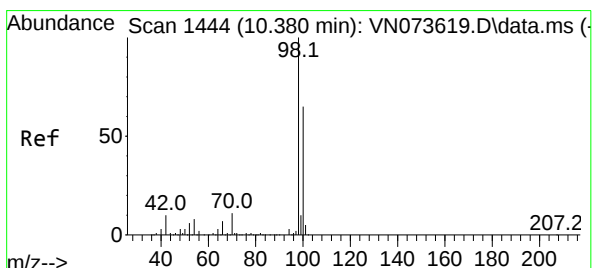
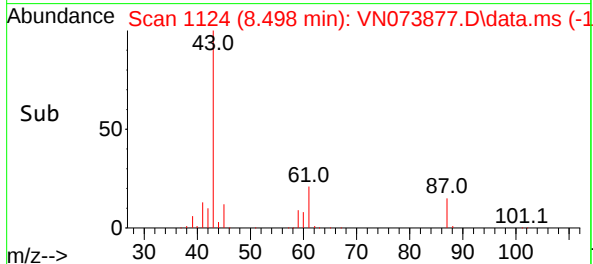
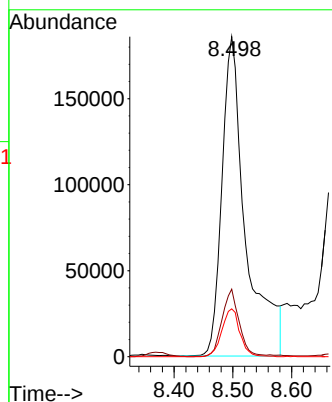
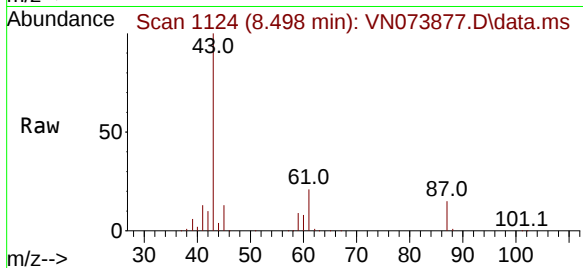
Tgt Ion: 43 Resp: 521970

Ion Ratio Lower Upper

43 100

61 15.8 21.9 32.9#

87 11.4 12.0 18.0#



#50

Toluene-d8

Concen: 42.598 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. -0.000 min

Lab File: VN073877.D

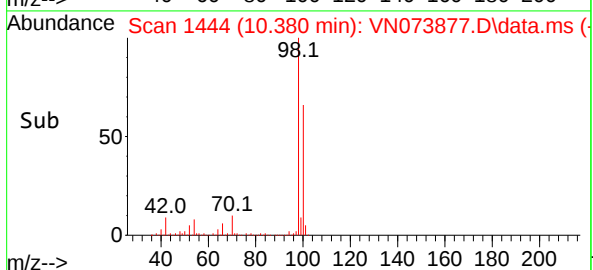
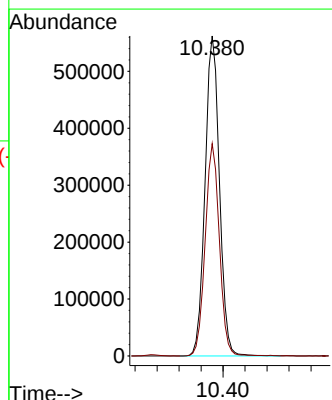
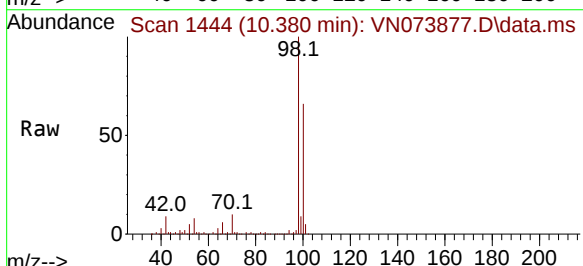
Acq: 13 Aug 2022 18:53

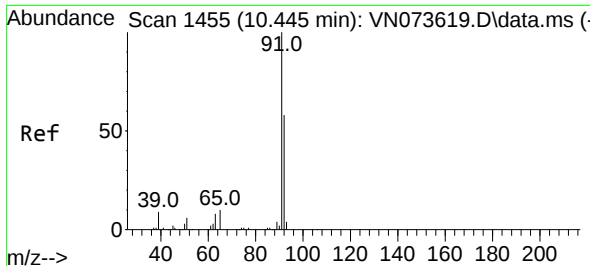
Tgt Ion: 98 Resp: 1020576

Ion Ratio Lower Upper

98 100

100 65.5 52.6 78.8

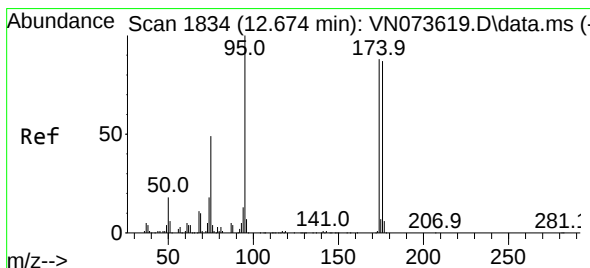
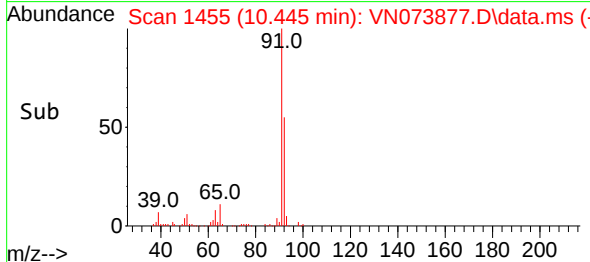
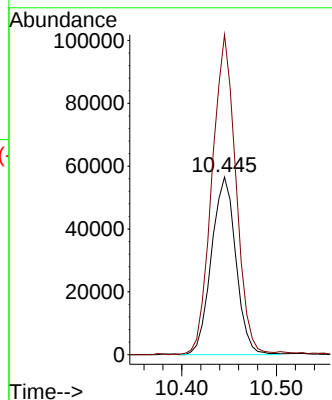
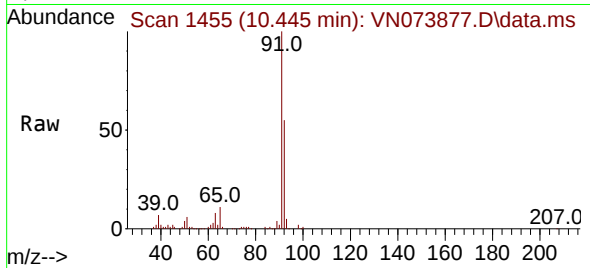




#52
Toluene
Concen: 5.888 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. -0.000 min
Lab File: VN073877.D
Acq: 13 Aug 2022 18:53

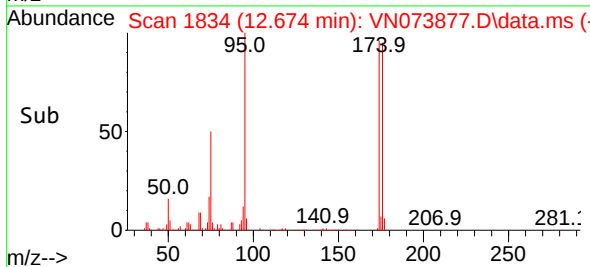
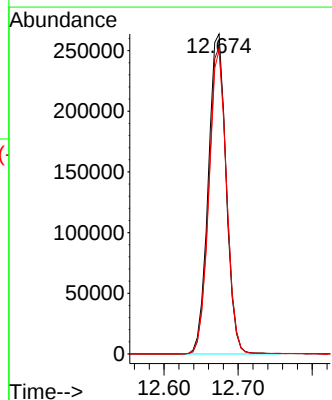
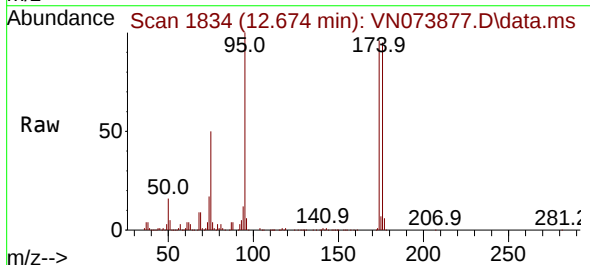
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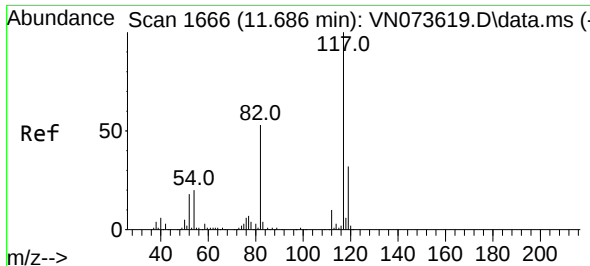
Tgt Ion: 92 Resp: 101337
Ion Ratio Lower Upper
92 100
91 176.6 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 52.230 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073877.D
Acq: 13 Aug 2022 18:53

Tgt Ion: 95 Resp: 440374
Ion Ratio Lower Upper
95 100
174 95.6 0.0 167.6
176 93.5 0.0 163.4

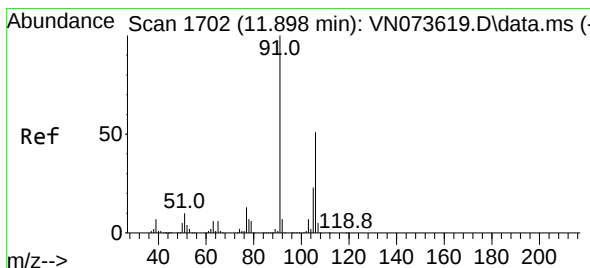
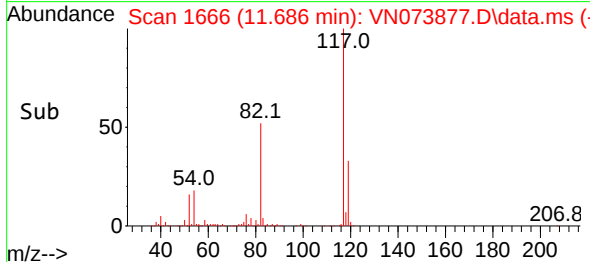
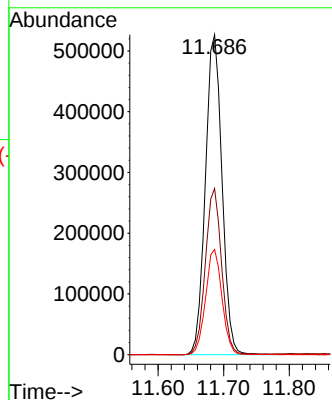
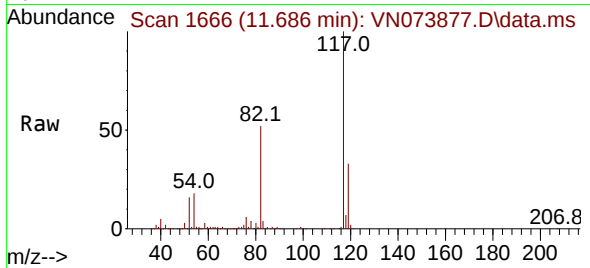




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN073877.D
Acq: 13 Aug 2022 18:53

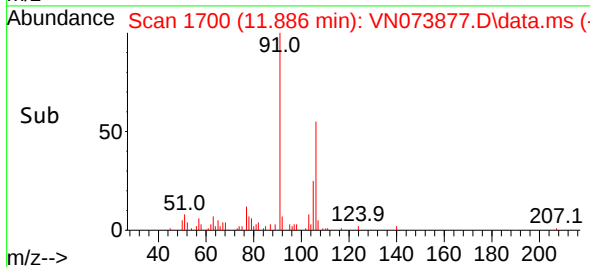
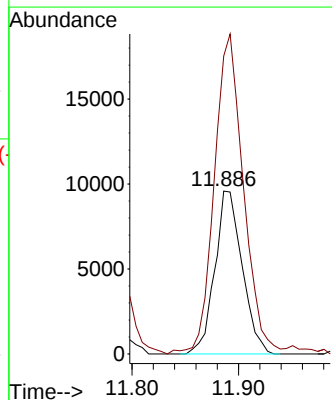
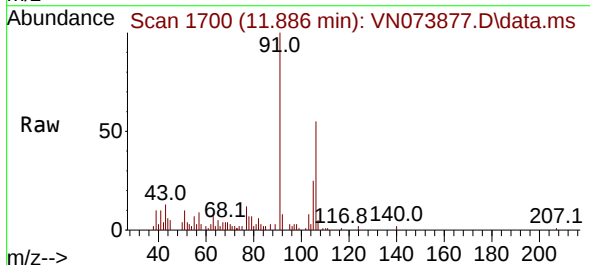
Instrument :
MSVOA_N
ClientSampleId :
PB146976ZHE#03

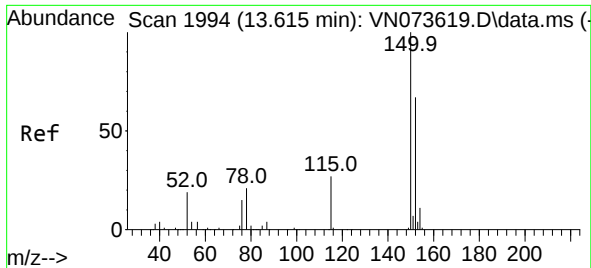
Tgt Ion:117 Resp: 929143
Ion Ratio Lower Upper
117 100
82 51.9 44.2 66.2
119 32.9 25.4 38.0



#68
m/p-Xylenes
Concen: 1.344 ug/l
RT: 11.886 min Scan# 1700
Delta R.T. -0.012 min
Lab File: VN073877.D
Acq: 13 Aug 2022 18:53

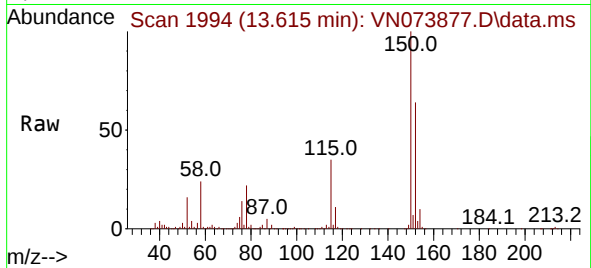
Tgt Ion:106 Resp: 17073
Ion Ratio Lower Upper
106 100
91 209.7 158.9 238.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.615 min Scan# 1994
 Delta R.T. -0.000 min
 Lab File: VN073877.D
 Acq: 13 Aug 2022 18:53

Instrument :
 MSVOA_N
 ClientSampleId :
 PB146976ZHE#03



Tgt Ion:152 Resp: 518476
 Ion Ratio Lower Upper
 152 100
 115 54.2 28.9 86.7
 150 155.0 0.0 356.2

