

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081322\
 Data File : VN073880.D
 Acq On : 13 Aug 2022 20:06
 Operator : JC\MD
 Sample : PB146976ZHE#06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB146976ZHE#06

Quant Time: Aug 14 02:39:20 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)

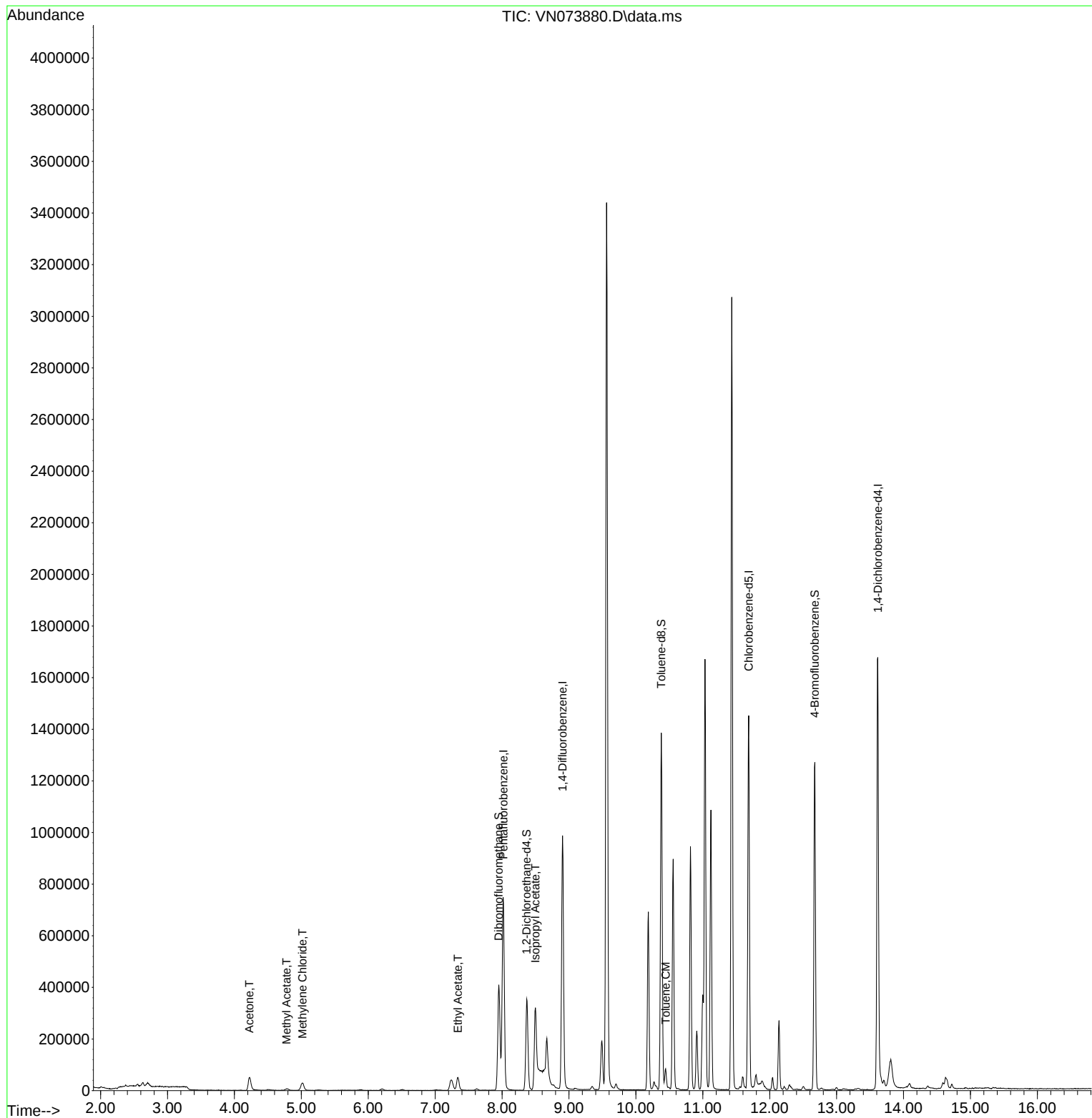
Internal Standards						
1) Pentafluorobenzene	8.022	168	652625	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	936263	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	902565	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	499866	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	295188	37.115	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	74.240%
35) Dibromofluoromethane	7.951	113	295371	50.241	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.480%
50) Toluene-d8	10.380	98	980652	42.388	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	84.780%#
62) 4-Bromofluorobenzene	12.674	95	414765	51.011	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.020%
Target Compounds						
					Qvalue	
16) Acetone	4.222	43	96534	22.598	ug/l	95
18) Methyl Acetate	4.781	43	12597	1.185	ug/l	97
20) Methylene Chloride	5.016	84	26430	1.695	ug/l #	94
37) Ethyl Acetate	7.339	43	78128	7.080	ug/l	98
43) Isopropyl Acetate	8.498	43	426063	28.585	ug/l #	86
52) Toluene	10.445	92	34233	2.060	ug/l	97

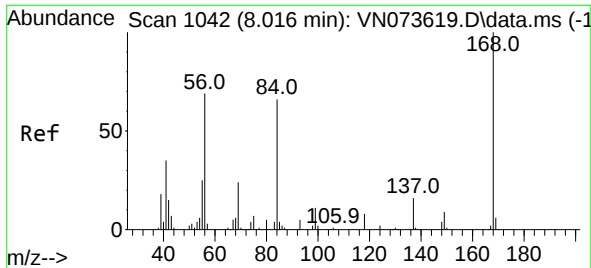
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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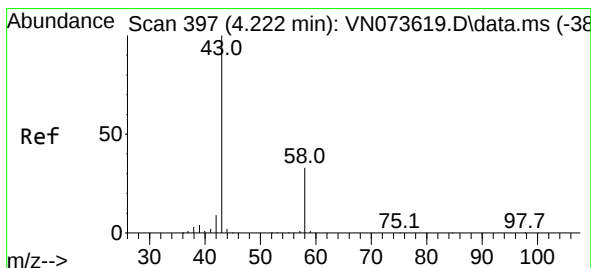
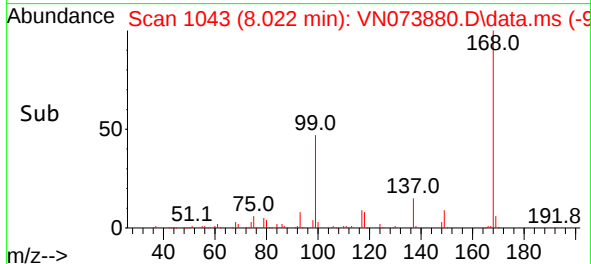
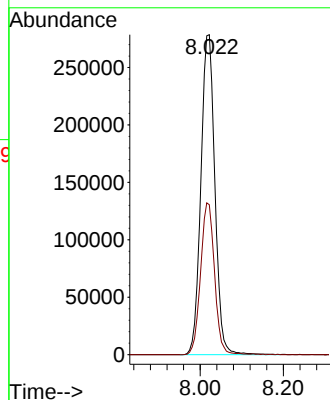
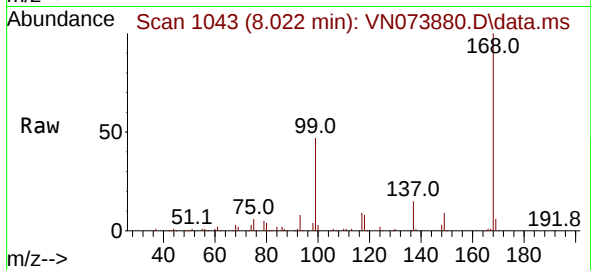




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VN073880.D
Acq: 13 Aug 2022 20:06

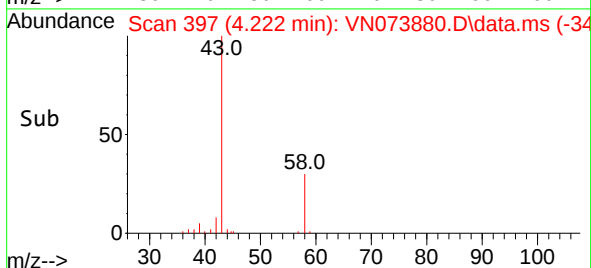
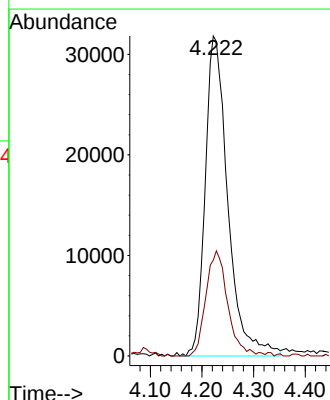
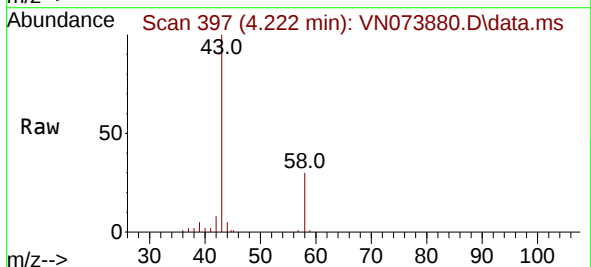
Instrument :
MSVOA_N
ClientSampleId :
PB146976ZHE#06

Tgt Ion:168 Resp: 652625
Ion Ratio Lower Upper
168 100
99 46.8 42.3 63.5



#16
Acetone
Concen: 22.598 ug/l
RT: 4.222 min Scan# 397
Delta R.T. -0.000 min
Lab File: VN073880.D
Acq: 13 Aug 2022 20:06

Tgt Ion: 43 Resp: 96534
Ion Ratio Lower Upper
43 100
58 30.0 26.0 39.0

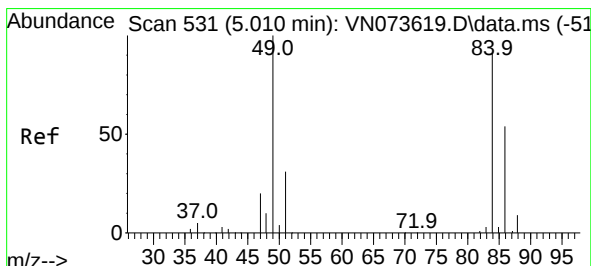
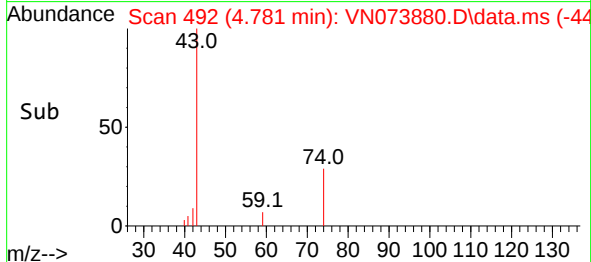
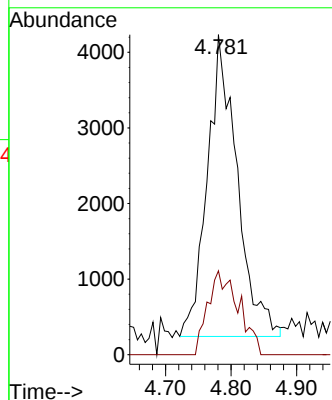
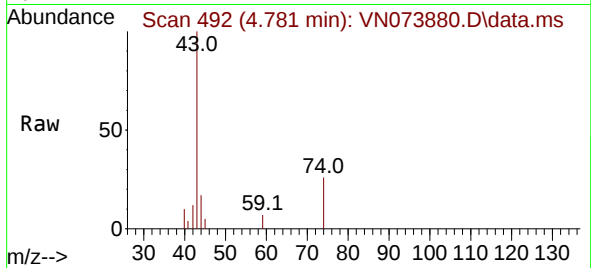




#18
Methyl Acetate
Concen: 1.185 ug/l
RT: 4.781 min Scan# 492
Delta R.T. -0.000 min
Lab File: VN073880.D
Acq: 13 Aug 2022 20:06

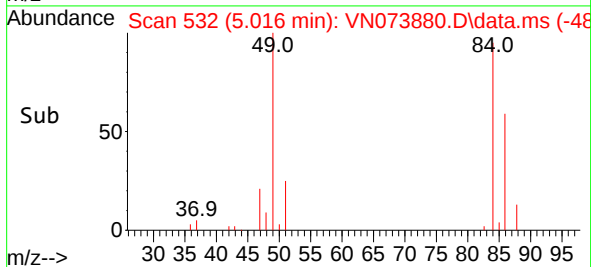
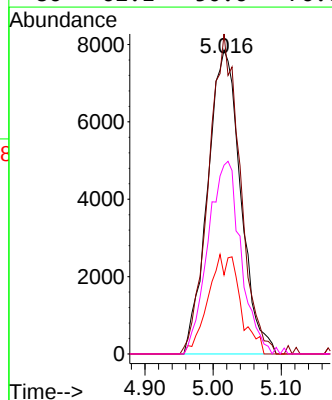
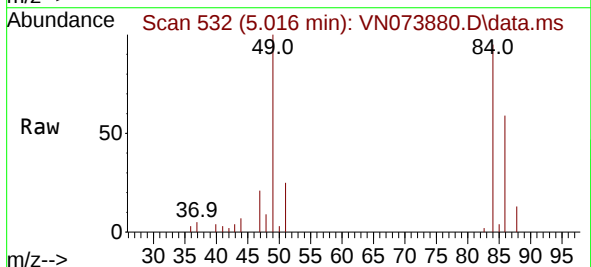
Instrument :
MSVOA_N
ClientSampleId :
PB146976ZHE#06

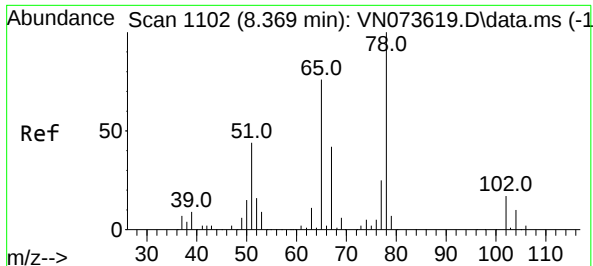
Tgt Ion: 43 Resp: 12597
Ion Ratio Lower Upper
43 100
74 28.6 21.6 32.4



#20
Methylene Chloride
Concen: 1.695 ug/l
RT: 5.016 min Scan# 532
Delta R.T. 0.006 min
Lab File: VN073880.D
Acq: 13 Aug 2022 20:06

Tgt Ion: 84 Resp: 26430
Ion Ratio Lower Upper
84 100
49 105.2 88.3 132.5
51 26.0 28.2 42.2#
86 62.1 50.6 76.0





#33

1,2-Dichloroethane-d4

Concen: 37.115 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073880.D

Acq: 13 Aug 2022 20:06

Instrument :

MSVOA_N

ClientSampleId :

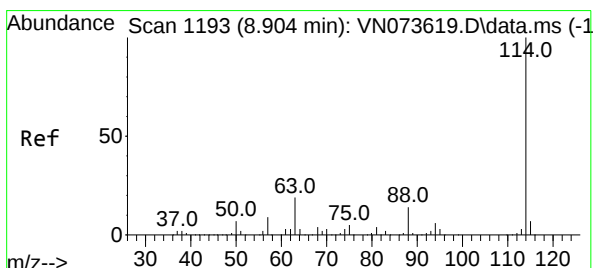
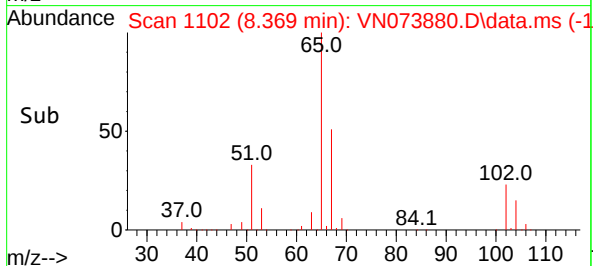
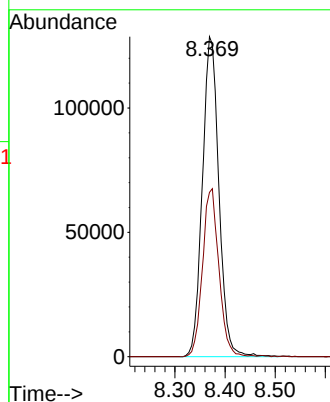
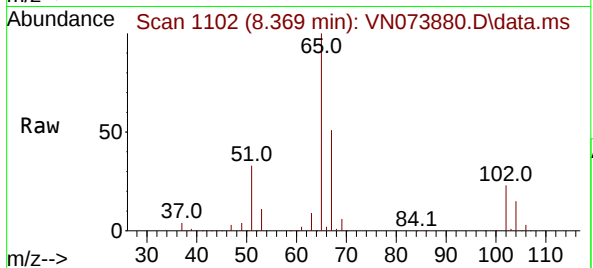
PB146976ZHE#06

Tgt Ion: 65 Resp: 295188

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: VN073880.D

Acq: 13 Aug 2022 20:06

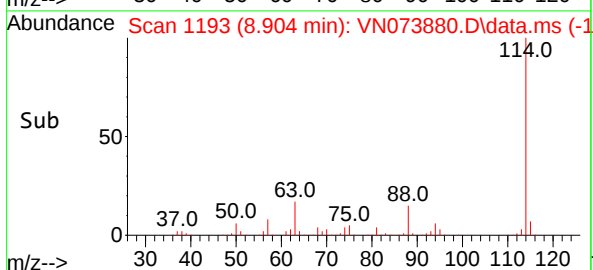
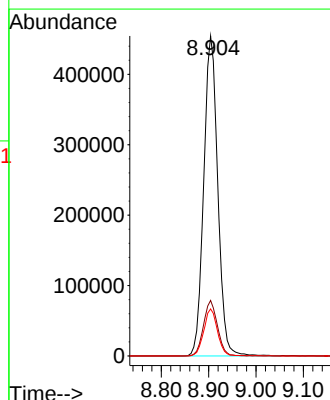
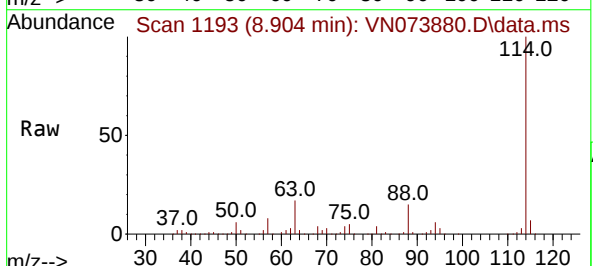
Tgt Ion: 114 Resp: 936263

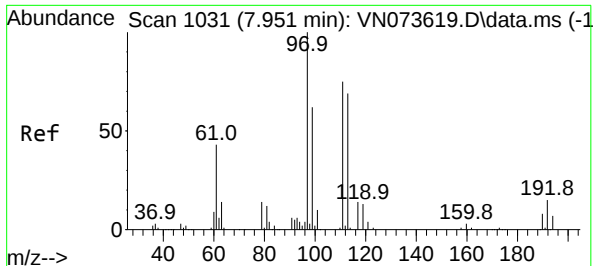
Ion Ratio Lower Upper

114 100

63 17.4 0.0 40.0

88 14.7 0.0 32.6

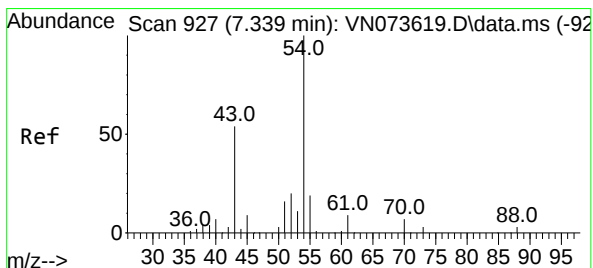
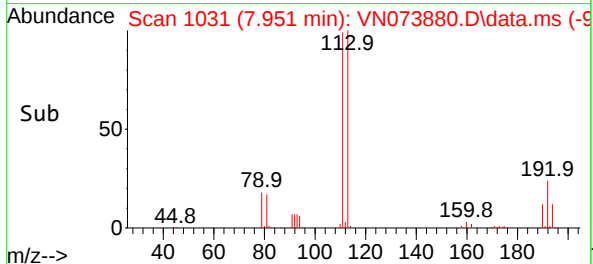
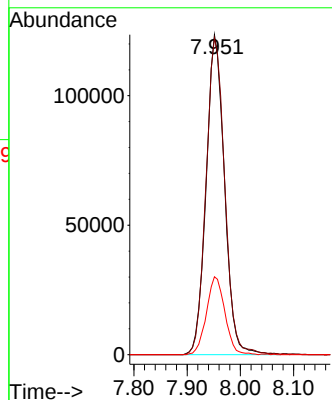
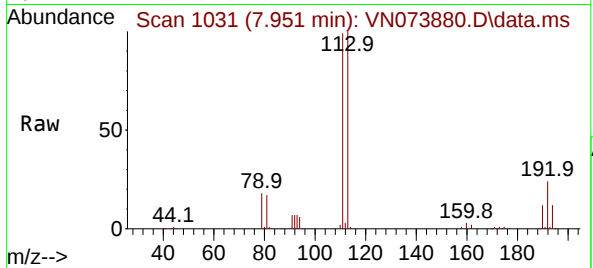




#35
Dibromofluoromethane
Concen: 50.241 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VN073880.D
Acq: 13 Aug 2022 20:06

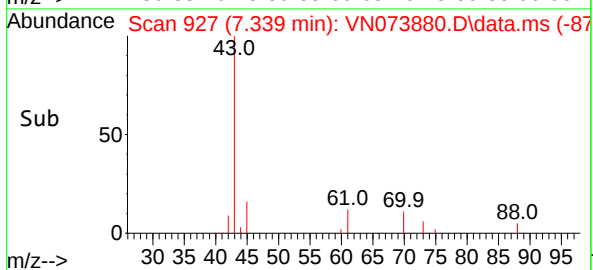
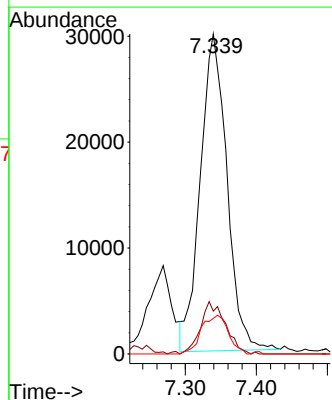
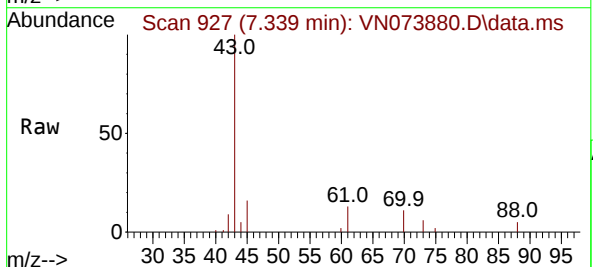
Instrument :
MSVOA_N
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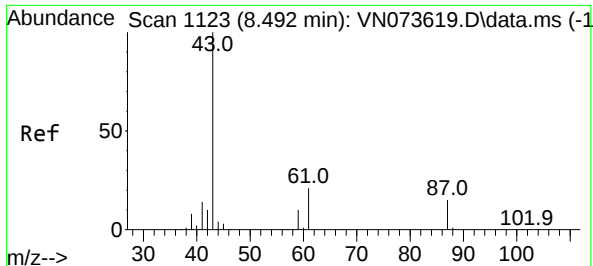
Tgt Ion:113 Resp: 295371
Ion Ratio Lower Upper
113 100
111 101.4 81.4 122.0
192 24.6 17.0 25.6



#37
Ethyl Acetate
Concen: 7.080 ug/l
RT: 7.339 min Scan# 927
Delta R.T. -0.000 min
Lab File: VN073880.D
Acq: 13 Aug 2022 20:06

Tgt Ion: 43 Resp: 78128
Ion Ratio Lower Upper
43 100
61 15.4 11.8 17.6
70 12.3 9.3 13.9





#43

Isopropyl Acetate

Concen: 28.585 ug/l

RT: 8.498 min Scan# 1123

Delta R.T. 0.006 min

Lab File: VN073880.D

Acq: 13 Aug 2022 20:06

Instrument :

MSVOA_N

ClientSampleId :

PB146976ZHE#06

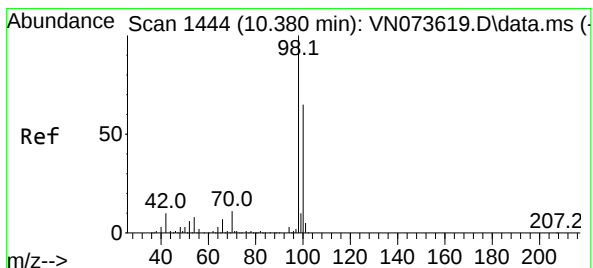
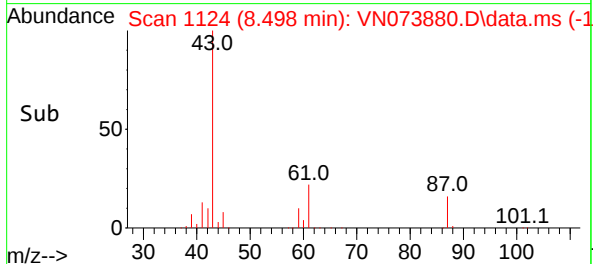
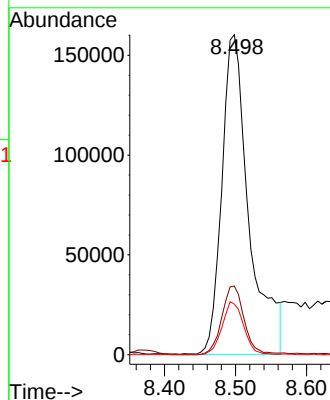
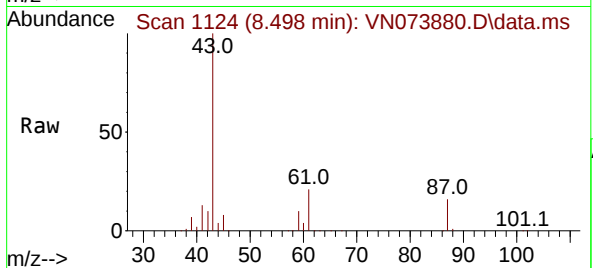
Tgt Ion: 43 Resp: 426063

Ion Ratio Lower Upper

43 100

61 17.8 21.9 32.9#

87 13.0 12.0 18.0



#50

Toluene-d8

Concen: 42.388 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. -0.000 min

Lab File: VN073880.D

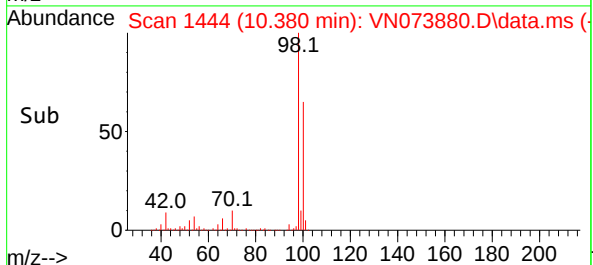
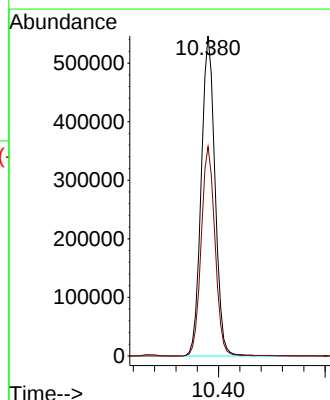
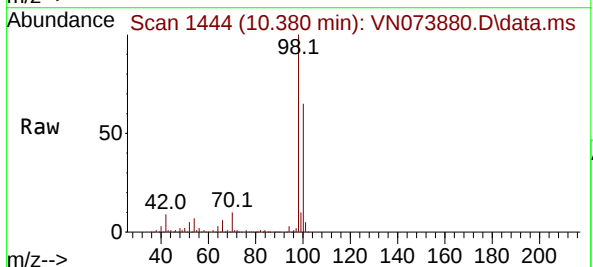
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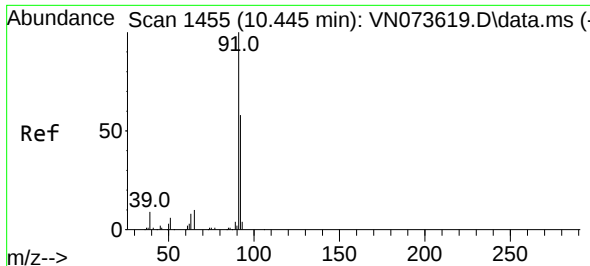
Tgt Ion: 98 Resp: 980652

Ion Ratio Lower Upper

98 100

100 65.5 52.6 78.8

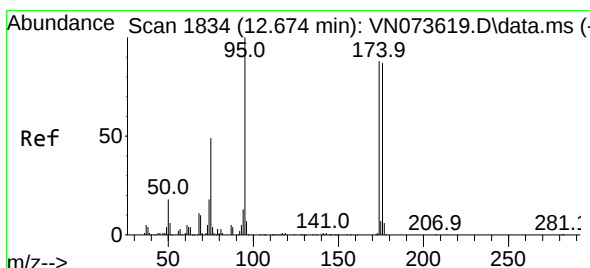
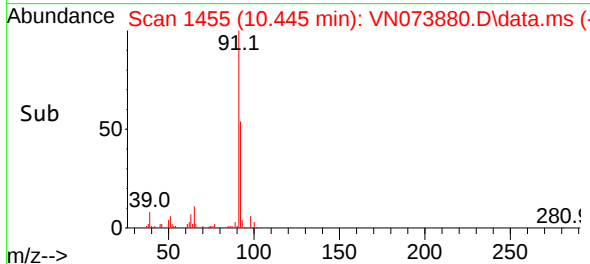
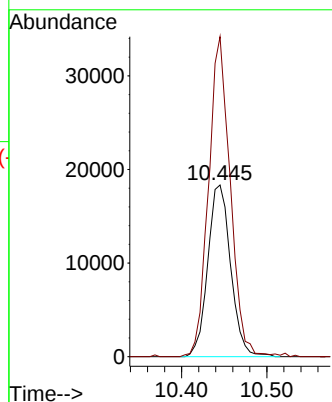
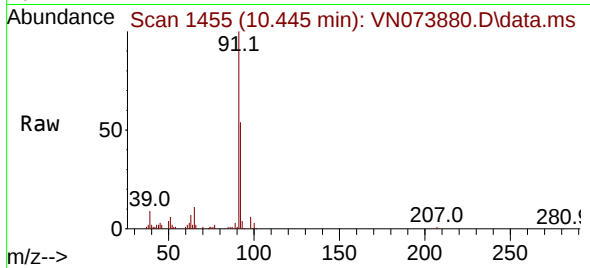




#52
Toluene
Concen: 2.060 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. -0.000 min
Lab File: VN073880.D
Acq: 13 Aug 2022 20:06

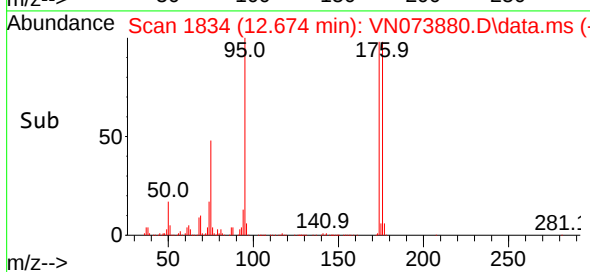
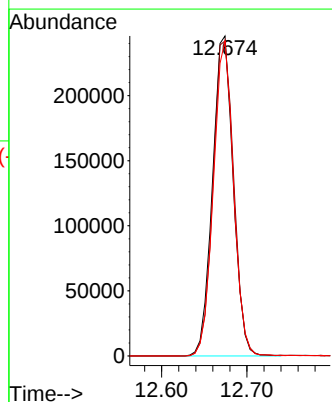
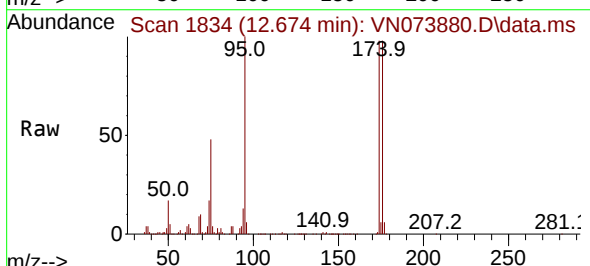
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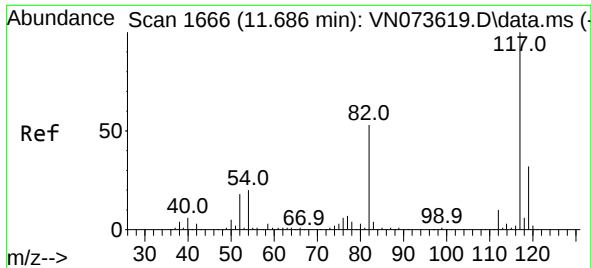
Tgt Ion: 92 Resp: 34233
Ion Ratio Lower Upper
92 100
91 177.4 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 51.011 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073880.D
Acq: 13 Aug 2022 20:06

Tgt Ion: 95 Resp: 414765
Ion Ratio Lower Upper
95 100
174 98.7 0.0 167.6
176 95.4 0.0 163.4

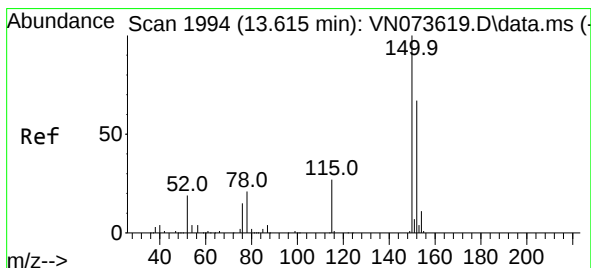
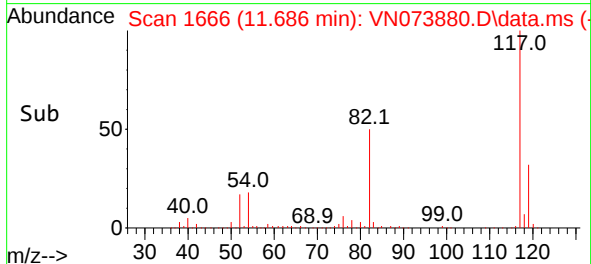
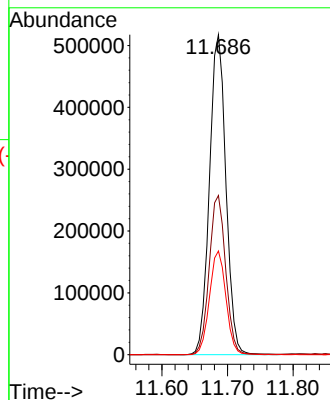
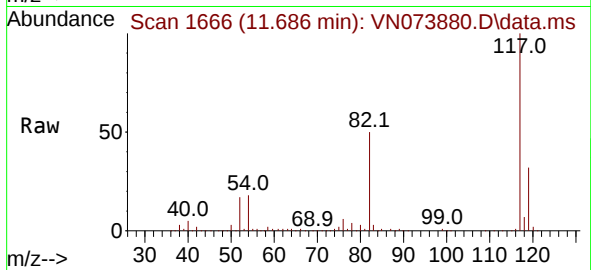




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN073880.D
Acq: 13 Aug 2022 20:06

Instrument :
MSVOA_N
ClientSampleId :
PB146976ZHE#06

Tgt Ion:117 Resp: 902565
Ion Ratio Lower Upper
117 100
82 49.7 44.2 66.2
119 32.4 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: VN073880.D
Acq: 13 Aug 2022 20:06

Tgt Ion:152 Resp: 499866
Ion Ratio Lower Upper
152 100
115 53.4 28.9 86.7
150 155.3 0.0 356.2

