

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081322\
 Data File : VN073882.D
 Acq On : 13 Aug 2022 20:55
 Operator : JC\MD
 Sample : PB146976ZHE#08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB146976ZHE#08

Quant Time: Aug 14 02:40:06 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)

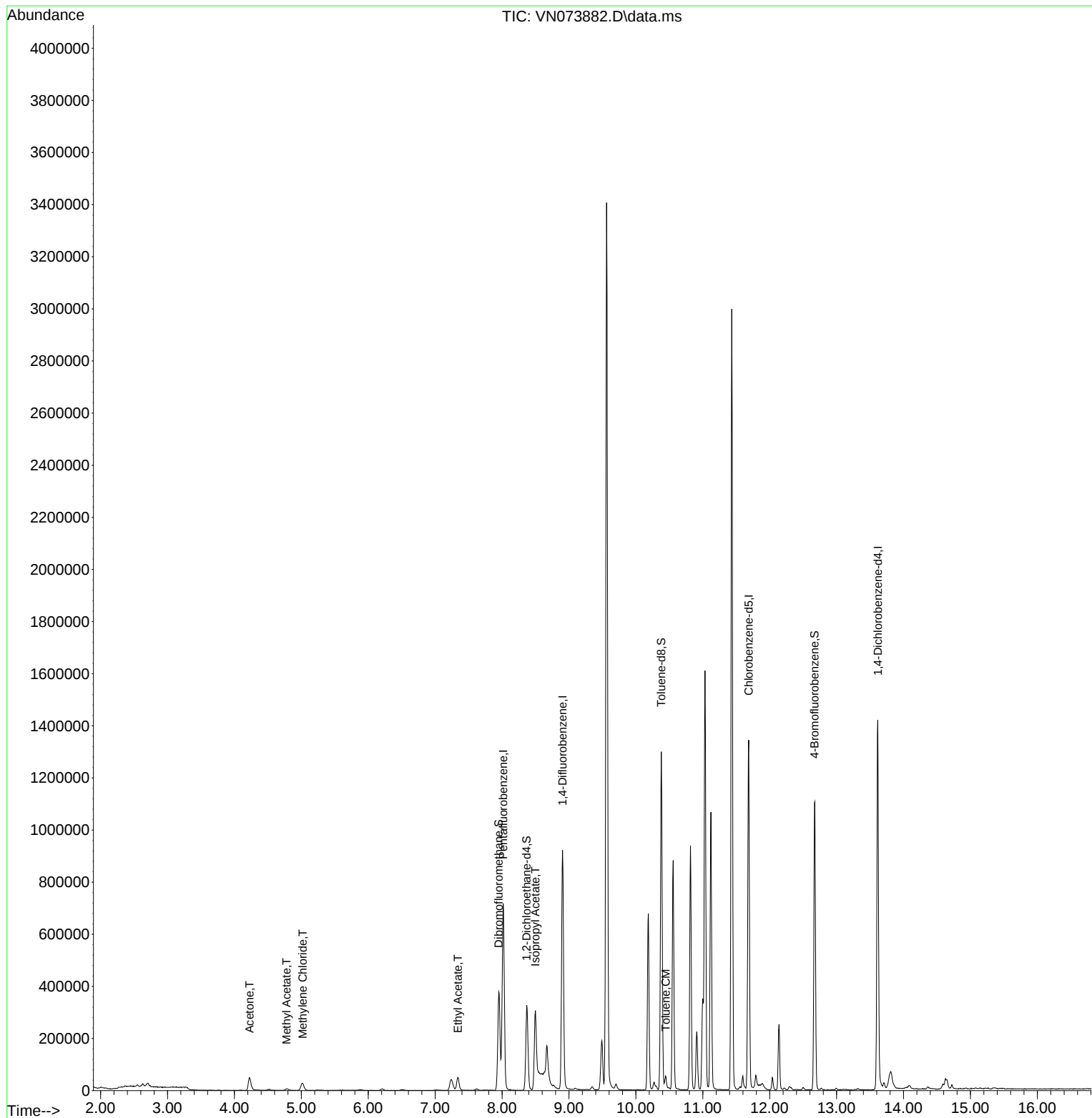
Internal Standards						
1) Pentafluorobenzene	8.016	168	614717	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	881781	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	836823	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	416891	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	275913	36.831	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	73.660%#
35) Dibromofluoromethane	7.951	113	276344	49.908	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.820%
50) Toluene-d8	10.380	98	919609	42.205	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	84.420%#
62) 4-Bromofluorobenzene	12.669	95	364693	47.806	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.620%
Target Compounds						
					Qvalue	
16) Acetone	4.228	43	91318	22.695	ug/l	95
18) Methyl Acetate	4.781	43	13314	1.330	ug/l	97
20) Methylene Chloride	5.022	84	24489	1.630	ug/l #	88
37) Ethyl Acetate	7.340	43	75631	7.277	ug/l	97
43) Isopropyl Acetate	8.498	43	407155	29.004	ug/l #	86
52) Toluene	10.445	92	22278	1.423	ug/l	98

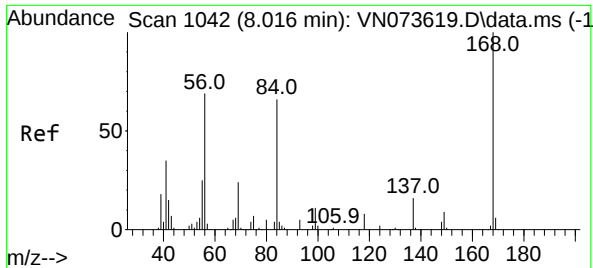
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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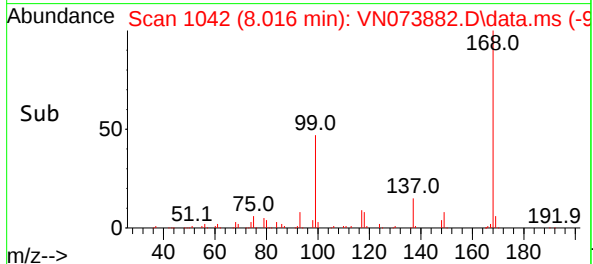
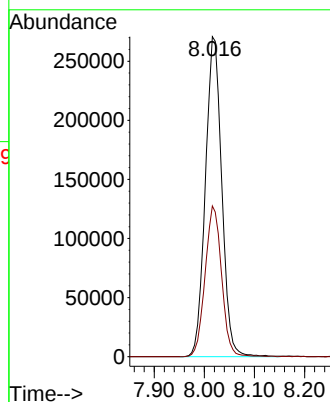
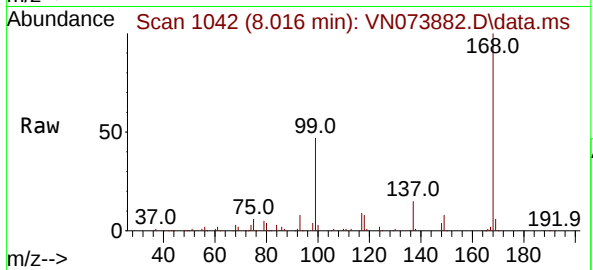




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073882.D
Acq: 13 Aug 2022 20:55

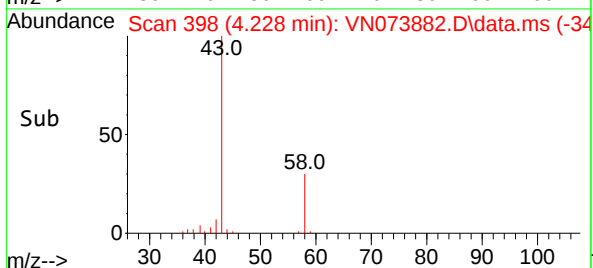
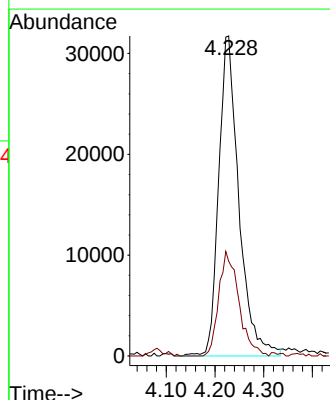
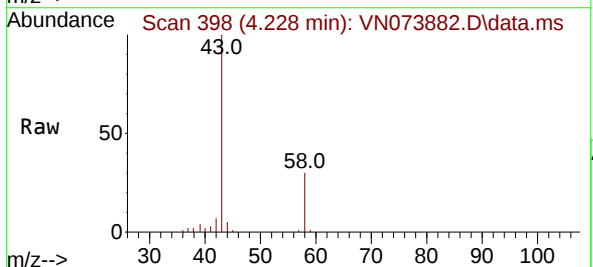
Instrument :
MSVOA_N
ClientSampleId :
PB146976ZHE#08

Tgt Ion:168 Resp: 614717
Ion Ratio Lower Upper
168 100
99 47.1 42.3 63.5



#16
Acetone
Concen: 22.695 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.006 min
Lab File: VN073882.D
Acq: 13 Aug 2022 20:55

Tgt Ion: 43 Resp: 91318
Ion Ratio Lower Upper
43 100
58 29.6 26.0 39.0

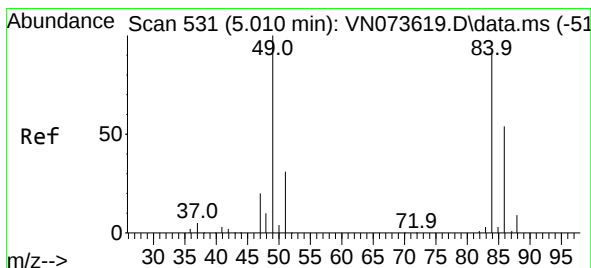
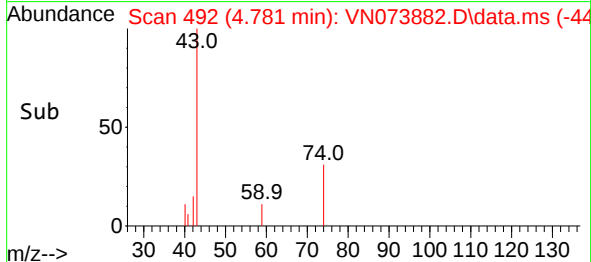
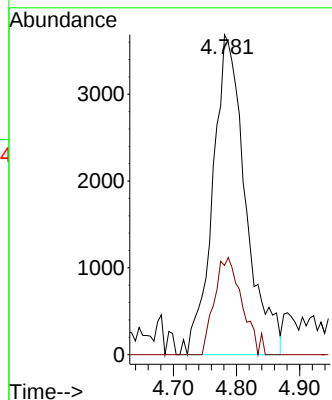
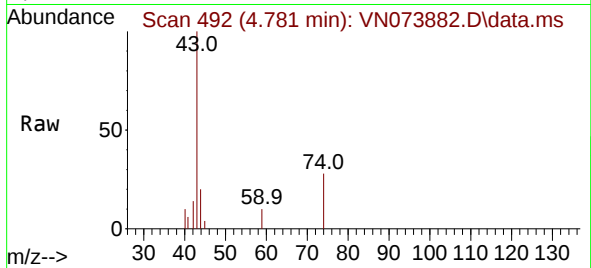




#18
Methyl Acetate
Concen: 1.330 ug/l
RT: 4.781 min Scan# 492
Delta R.T. 0.000 min
Lab File: VN073882.D
Acq: 13 Aug 2022 20:55

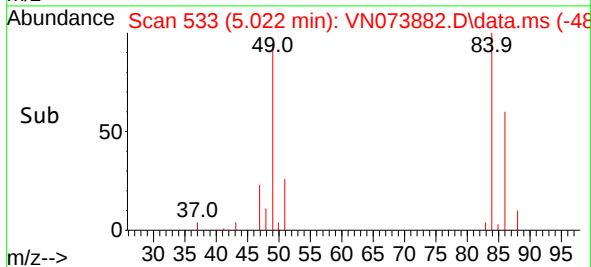
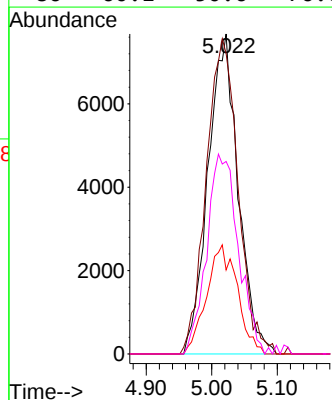
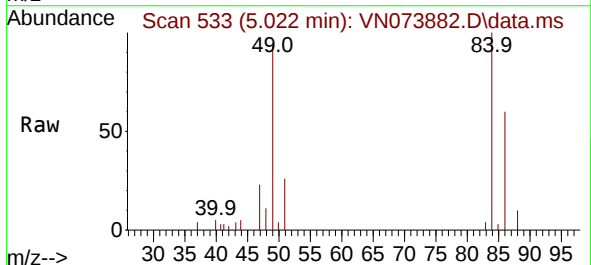
Instrument :
MSVOA_N
ClientSampleId :
PB146976ZHE#08

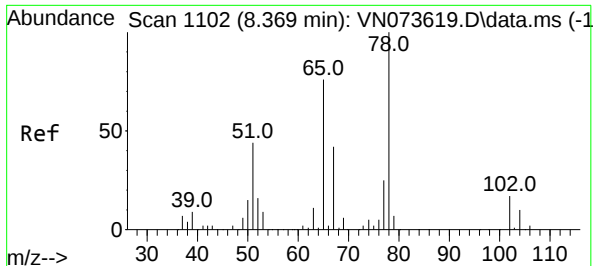
Tgt Ion: 43 Resp: 13314
Ion Ratio Lower Upper
43 100
74 25.5 21.6 32.4



#20
Methylene Chloride
Concen: 1.630 ug/l
RT: 5.022 min Scan# 533
Delta R.T. 0.012 min
Lab File: VN073882.D
Acq: 13 Aug 2022 20:55

Tgt Ion: 84 Resp: 24489
Ion Ratio Lower Upper
84 100
49 93.9 88.3 132.5
51 26.3 28.2 42.2#
86 60.1 50.6 76.0





#33

1,2-Dichloroethane-d4

Concen: 36.831 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN073882.D

Acq: 13 Aug 2022 20:55

Instrument :

MSVOA_N

ClientSampleId :

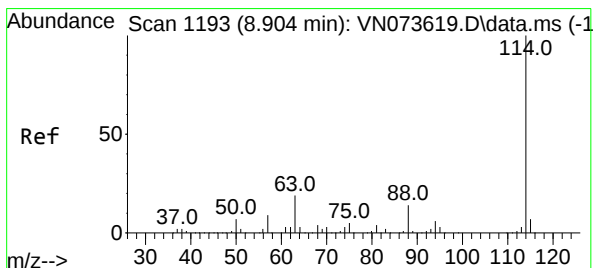
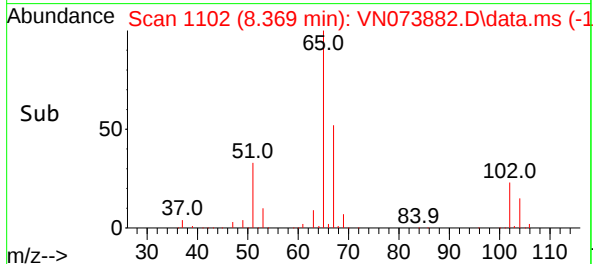
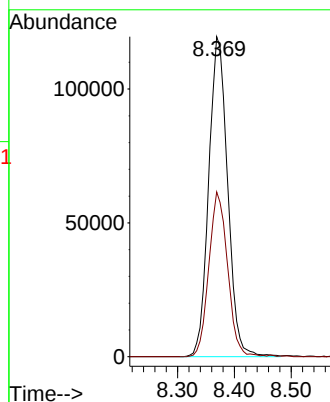
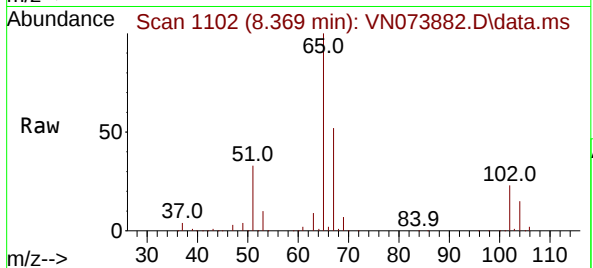
PB146976ZHE#08

Tgt Ion: 65 Resp: 275913

Ion Ratio Lower Upper

65 100

67 51.0 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: VN073882.D

Acq: 13 Aug 2022 20:55

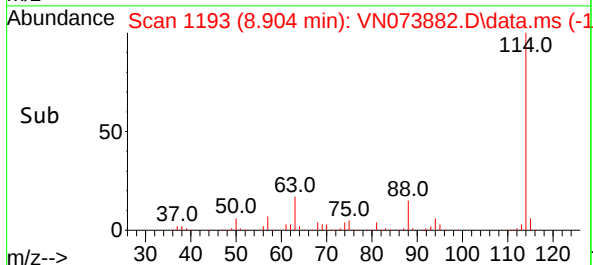
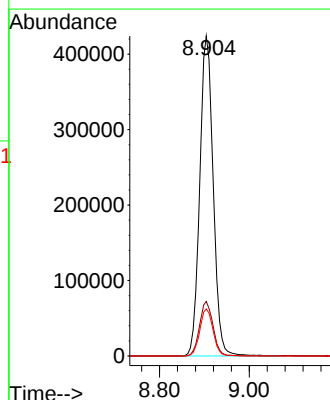
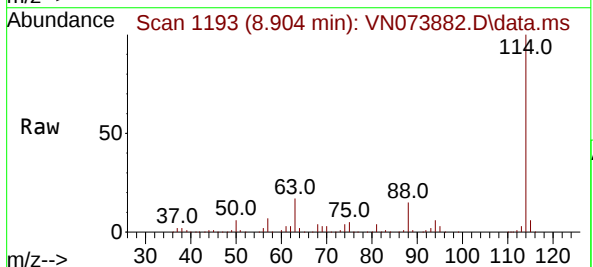
Tgt Ion: 114 Resp: 881781

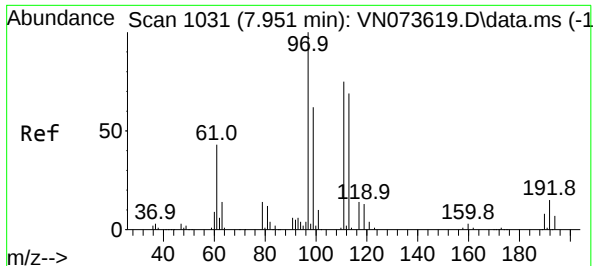
Ion Ratio Lower Upper

114 100

63 17.0 0.0 40.0

88 14.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 49.908 ug/l

RT: 7.951 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN073882.D

Acq: 13 Aug 2022 20:55

Instrument :

MSVOA_N

ClientSampleId :

PB146976ZHE#08

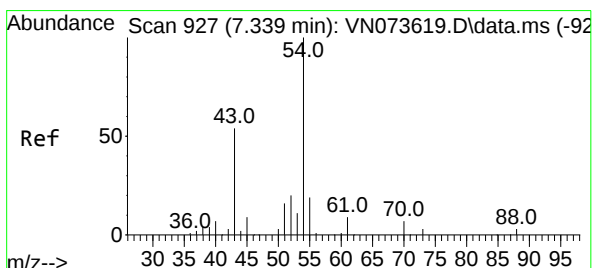
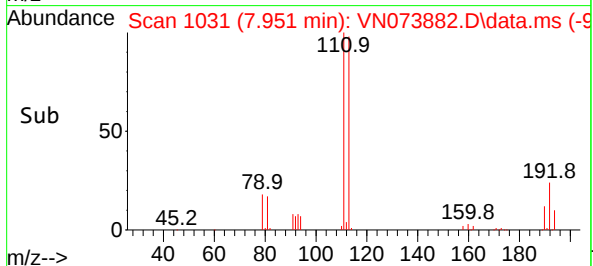
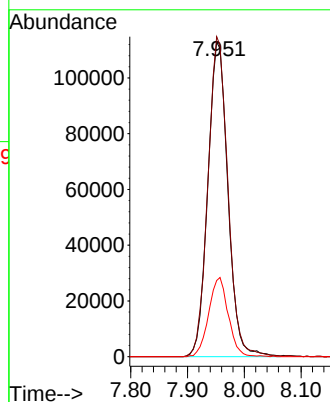
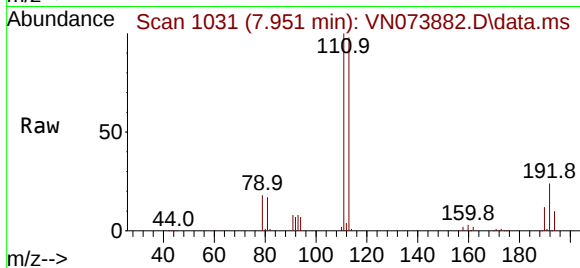
Tgt Ion:113 Resp: 276344

Ion Ratio Lower Upper

113 100

111 101.4 81.4 122.0

192 24.6 17.0 25.6



#37

Ethyl Acetate

Concen: 7.277 ug/l

RT: 7.340 min Scan# 927

Delta R.T. 0.000 min

Lab File: VN073882.D

Acq: 13 Aug 2022 20:55

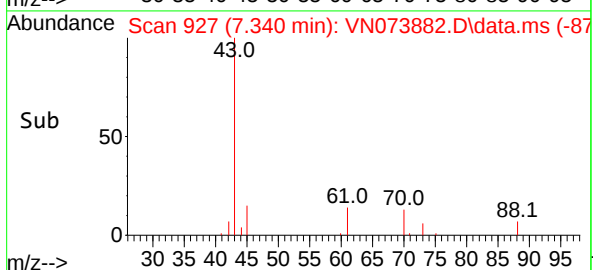
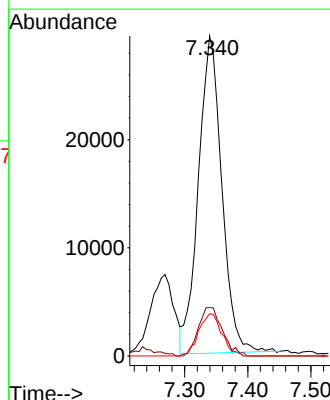
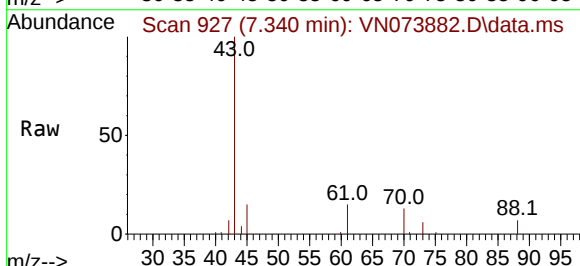
Tgt Ion: 43 Resp: 75631

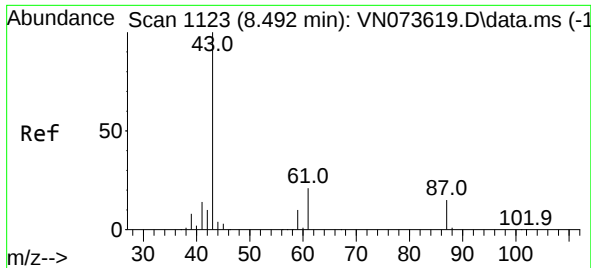
Ion Ratio Lower Upper

43 100

61 15.6 11.8 17.6

70 13.1 9.3 13.9

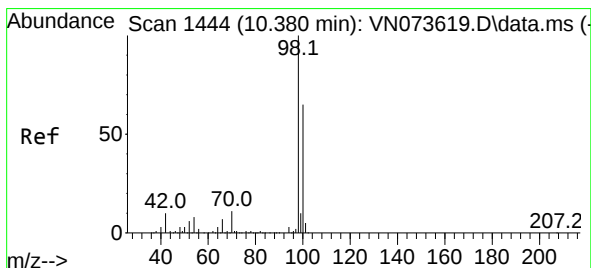
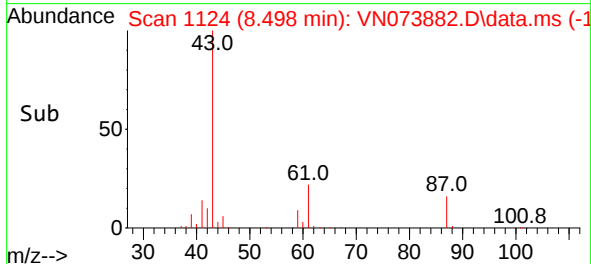
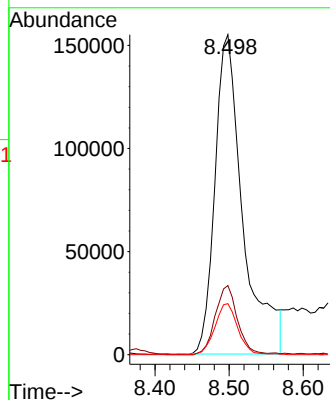
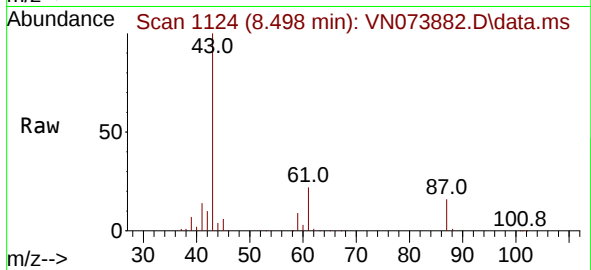




#43
Isopropyl Acetate
Concen: 29.004 ug/l
RT: 8.498 min Scan# 1123
Delta R.T. 0.006 min
Lab File: VN073882.D
Acq: 13 Aug 2022 20:55

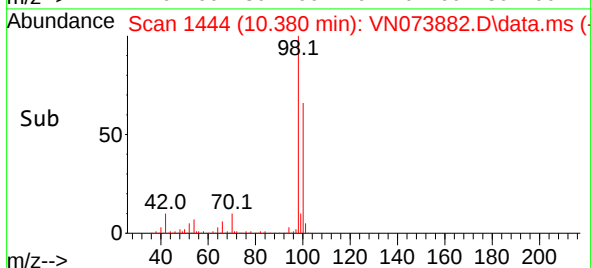
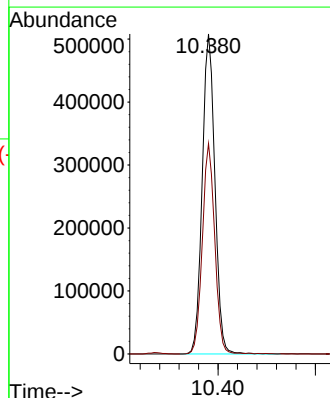
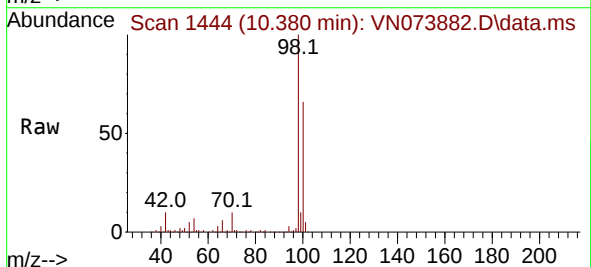
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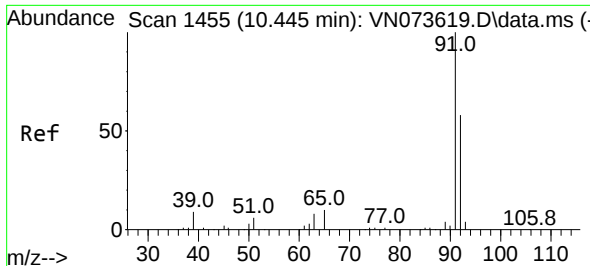
Tgt Ion: 43 Resp: 407155
Ion Ratio Lower Upper
43 100
61 17.5 21.9 32.9#
87 13.1 12.0 18.0



#50
Toluene-d8
Concen: 42.205 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073882.D
Acq: 13 Aug 2022 20:55

Tgt Ion: 98 Resp: 919609
Ion Ratio Lower Upper
98 100
100 64.2 52.6 78.8

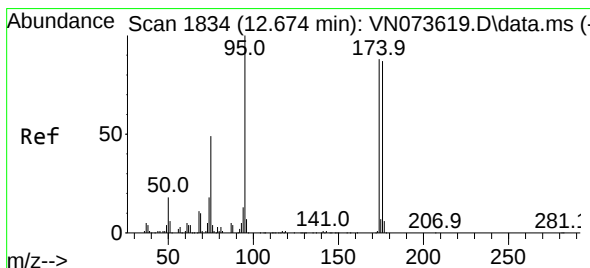
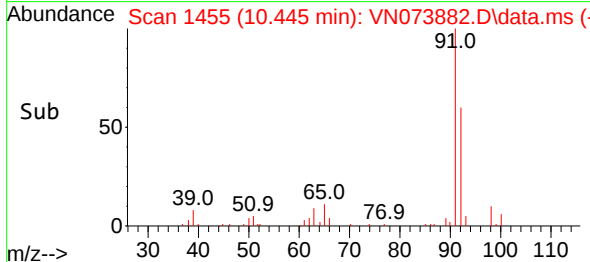
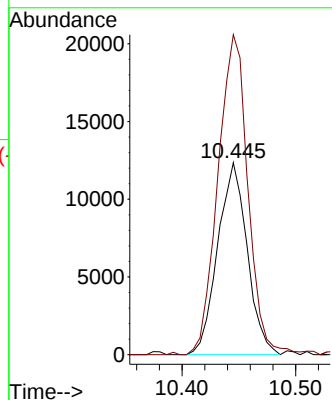
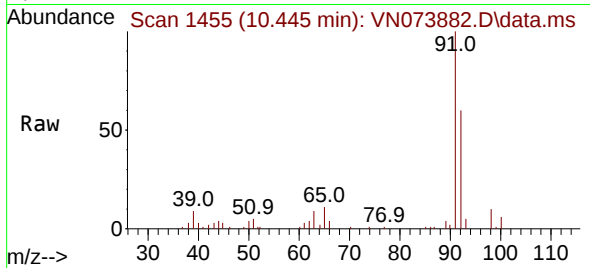




#52
Toluene
Concen: 1.423 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN073882.D
Acq: 13 Aug 2022 20:55

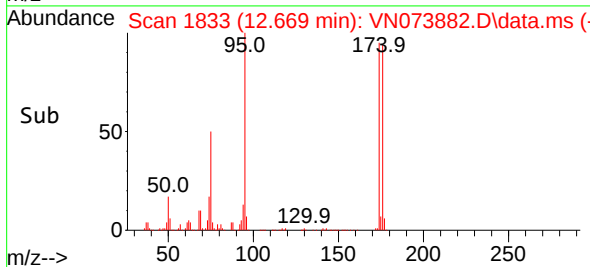
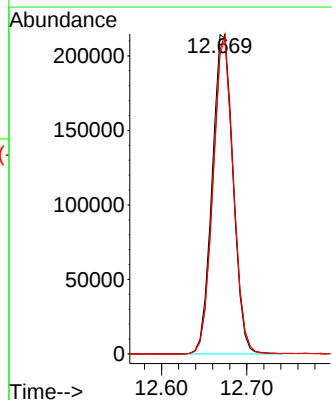
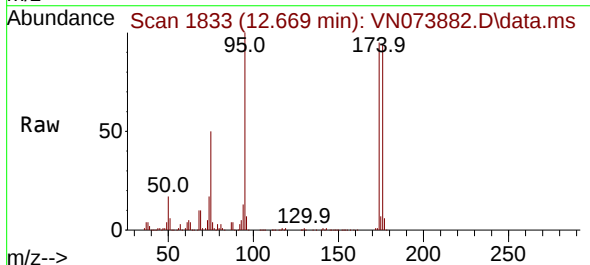
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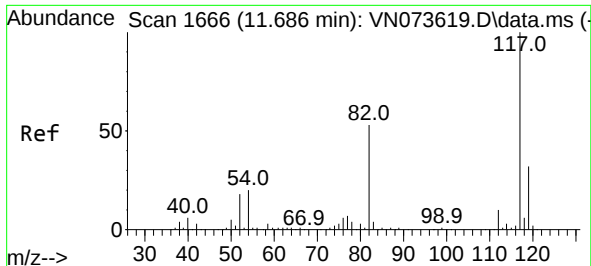
Tgt Ion: 92 Resp: 22278
Ion Ratio Lower Upper
92 100
91 170.1 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 47.806 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.005 min
Lab File: VN073882.D
Acq: 13 Aug 2022 20:55

Tgt Ion: 95 Resp: 364693
Ion Ratio Lower Upper
95 100
174 98.3 0.0 167.6
176 95.9 0.0 163.4

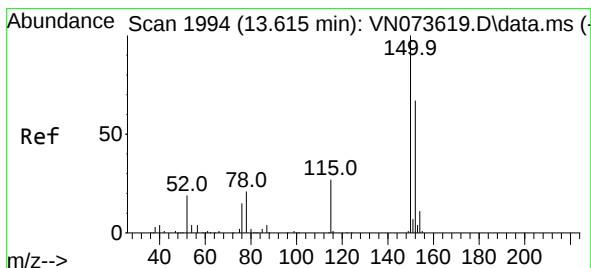
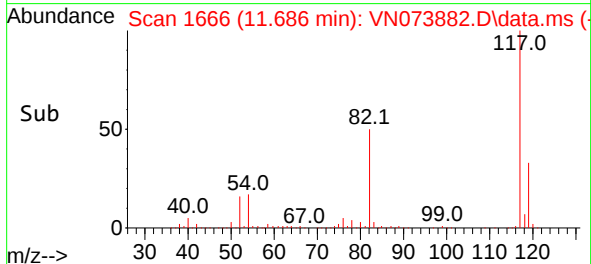
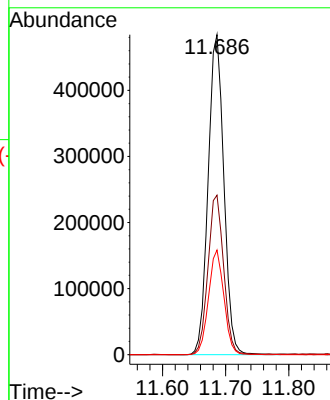
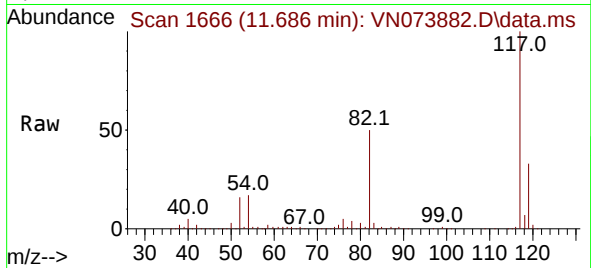




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN073882.D
Acq: 13 Aug 2022 20:55

Instrument :
MSVOA_N
ClientSampleId :
PB146976ZHE#08

Tgt Ion:117 Resp: 836823
Ion Ratio Lower Upper
117 100
82 49.9 44.2 66.2
119 32.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN073882.D
Acq: 13 Aug 2022 20:55

Tgt Ion:152 Resp: 416891
Ion Ratio Lower Upper
152 100
115 52.6 28.9 86.7
150 156.0 0.0 356.2

