

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081522\
 Data File : VN073934.D
 Acq On : 16 Aug 2022 07:48
 Operator : JC\MD
 Sample : N4211-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VOC-WC-2

Quant Time: Aug 16 08:10:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

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

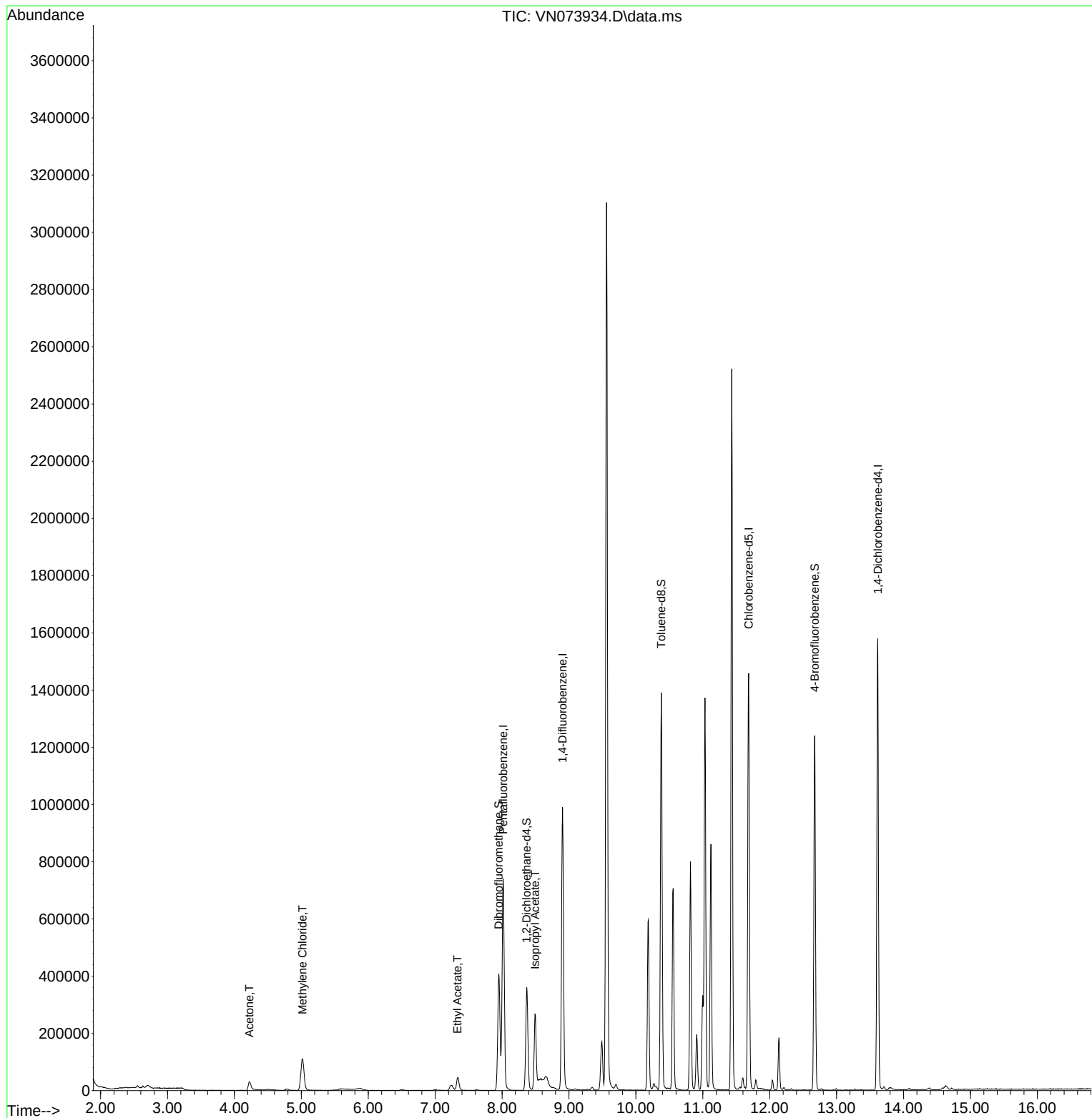
Internal Standards						
1) Pentafluorobenzene	8.016	168	637857	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	931422	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	914713	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	475953	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	302389	48.673	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.340%
35) Dibromofluoromethane	7.951	113	295709	53.684	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.360%
50) Toluene-d8	10.380	98	998478	46.804	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.600%
62) 4-Bromofluorobenzene	12.674	95	414006	58.474	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	116.940%
Target Compounds						
					Qvalue	
16) Acetone	4.222	43	57567	19.640	ug/l	95
20) Methylene Chloride	5.016	84	103312	16.704	ug/l	97
37) Ethyl Acetate	7.334	43	70519	7.608	ug/l	97
43) Isopropyl Acetate	8.492	43	311507	23.591	ug/l #	92

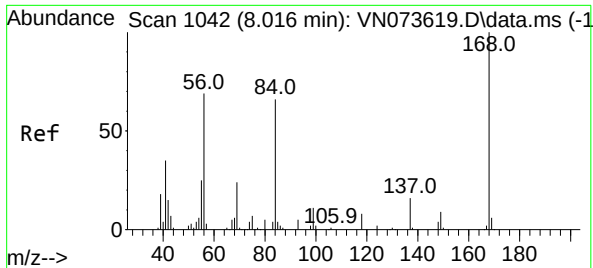
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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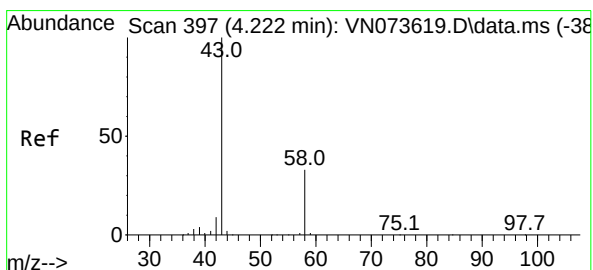
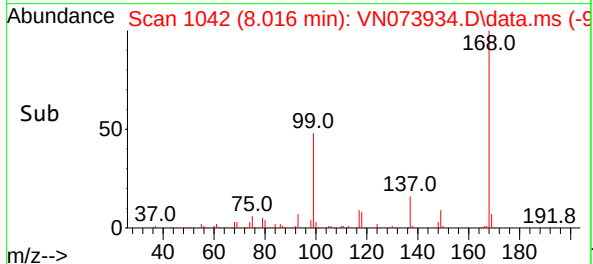
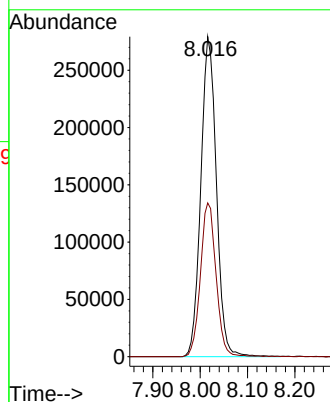
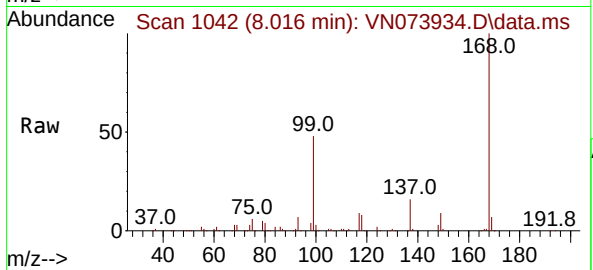




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073934.D
Acq: 16 Aug 2022 07:48

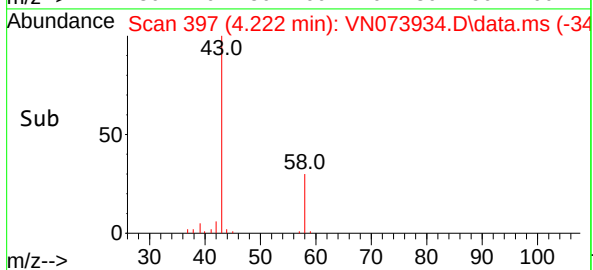
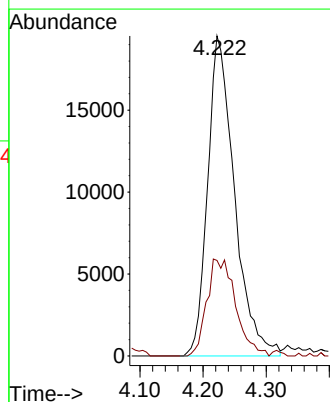
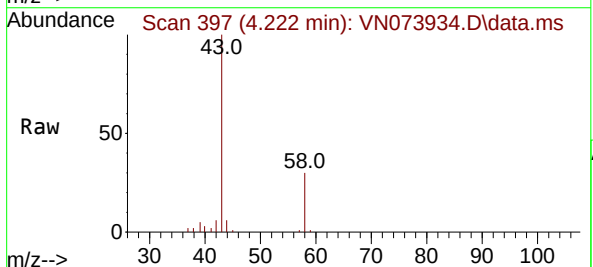
Instrument :
MSVOA_N
ClientSampleId :
VOC-WC-2

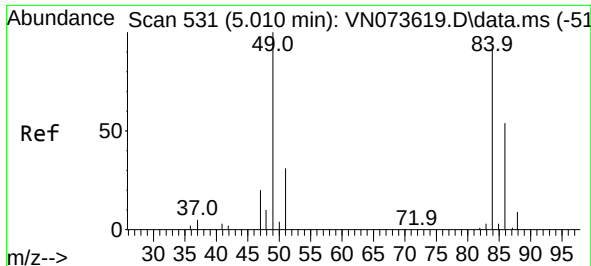
Tgt Ion:168 Resp: 637857
Ion Ratio Lower Upper
168 100
99 48.1 42.3 63.5



#16
Acetone
Concen: 19.640 ug/l
RT: 4.222 min Scan# 397
Delta R.T. 0.000 min
Lab File: VN073934.D
Acq: 16 Aug 2022 07:48

Tgt Ion: 43 Resp: 57567
Ion Ratio Lower Upper
43 100
58 29.9 26.0 39.0

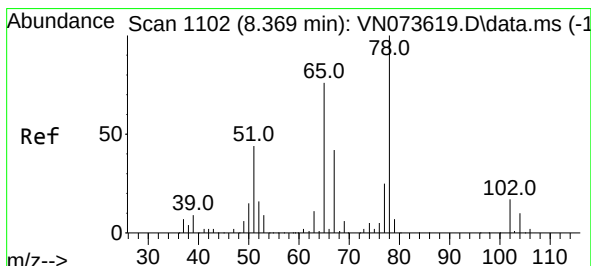
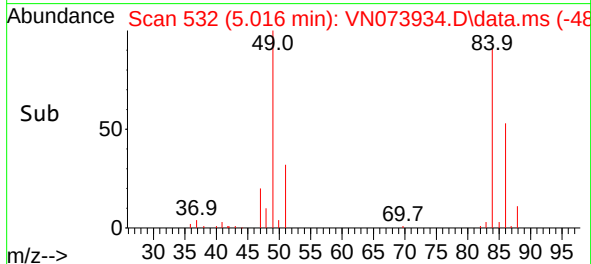
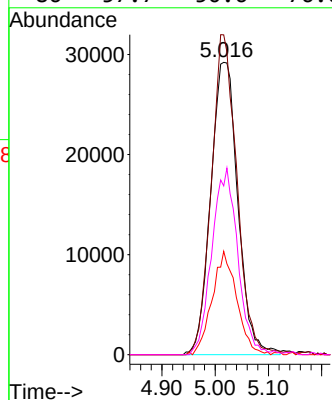
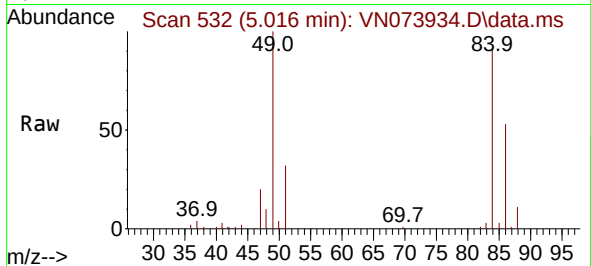




#20
Methylene Chloride
Concen: 16.704 ug/l
RT: 5.016 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN073934.D
Acq: 16 Aug 2022 07:48

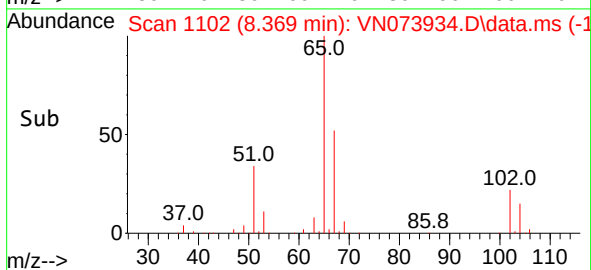
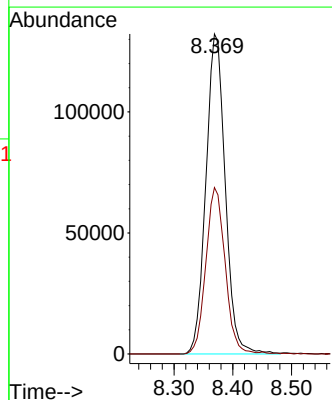
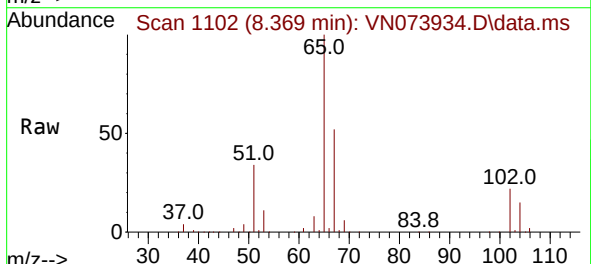
Instrument :
MSVOA_N
ClientSampleId :
VOC-WC-2

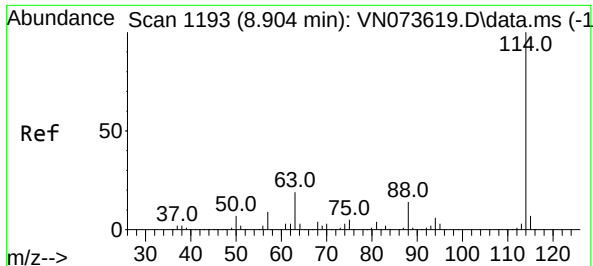
Tgt Ion: 84 Resp: 103312
Ion Ratio Lower Upper
84 100
49 109.4 88.3 132.5
51 35.3 28.2 42.2
86 57.7 50.6 76.0



#33
1,2-Dichloroethane-d4
Concen: 48.673 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073934.D
Acq: 16 Aug 2022 07:48

Tgt Ion: 65 Resp: 302389
Ion Ratio Lower Upper
65 100
67 52.1 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: VN073934.D

Acq: 16 Aug 2022 07:48

Instrument :

MSVOA_N

ClientSampleId :

VOC-WC-2

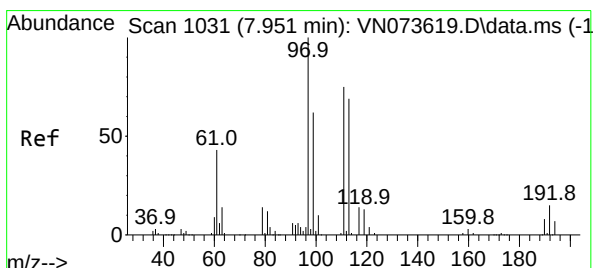
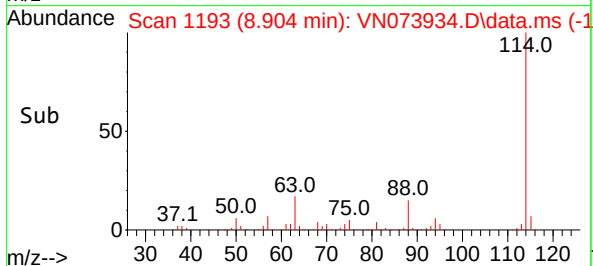
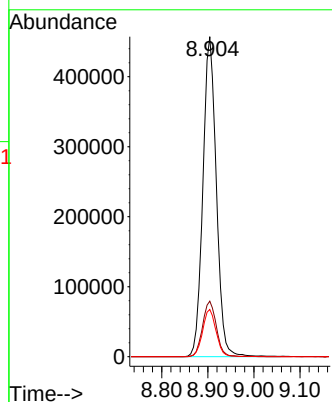
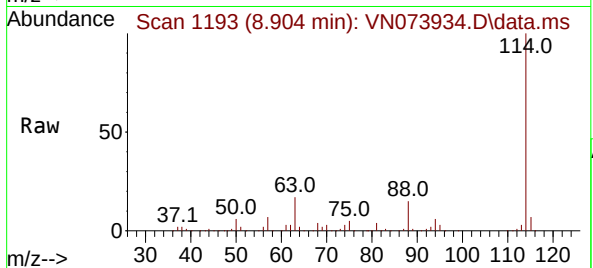
Tgt Ion:114 Resp: 931422

Ion Ratio Lower Upper

114 100

63 17.3 0.0 40.0

88 14.7 0.0 32.6



#35

Dibromofluoromethane

Concen: 53.684 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073934.D

Acq: 16 Aug 2022 07:48

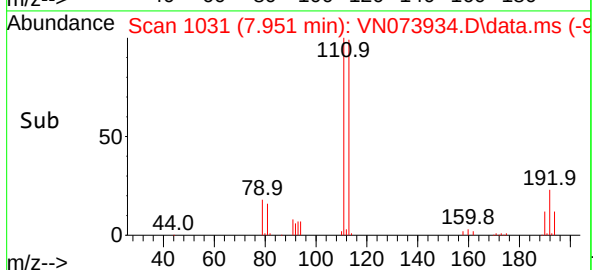
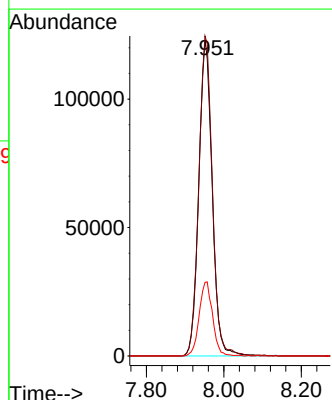
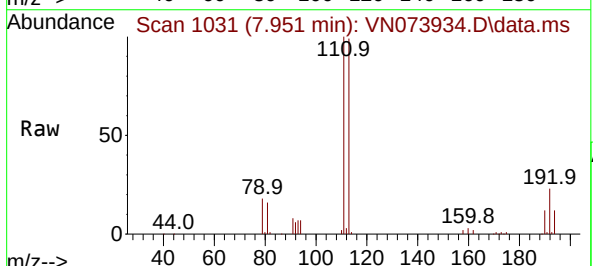
Tgt Ion:113 Resp: 295709

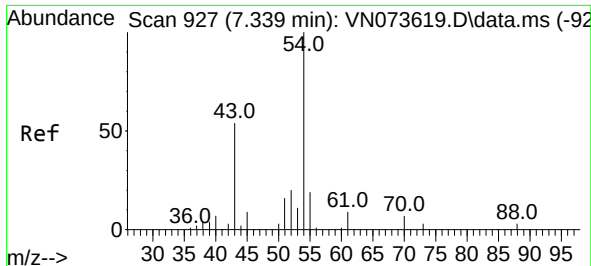
Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.0

192 23.3 17.0 25.6





#37

Ethyl Acetate

Concen: 7.608 ug/l

RT: 7.334 min Scan# 91

Delta R.T. -0.005 min

Lab File: VN073934.D

Acq: 16 Aug 2022 07:48

Instrument :

MSVOA_N

ClientSampleId :

VOC-WC-2

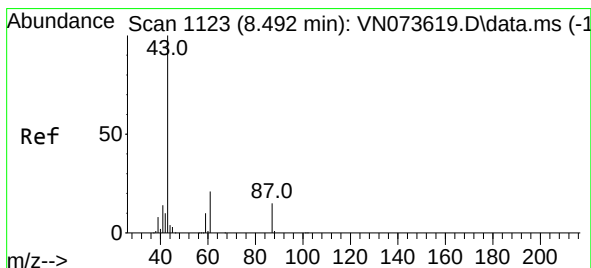
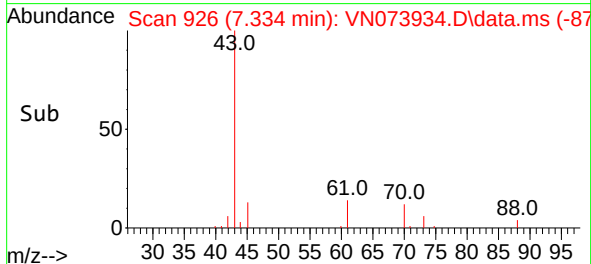
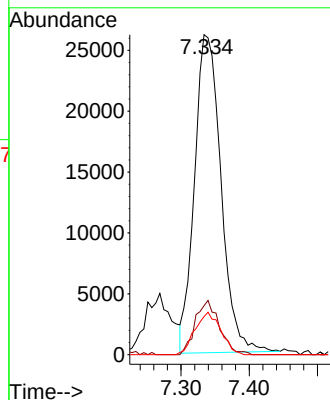
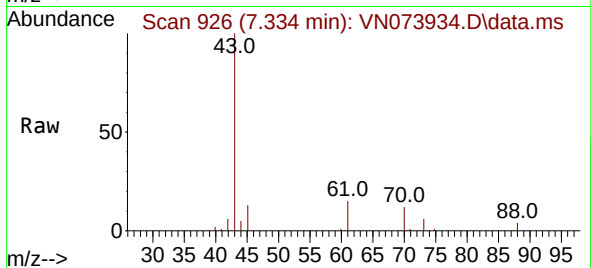
Tgt Ion: 43 Resp: 70519

Ion Ratio Lower Upper

43 100

61 15.6 11.8 17.6

70 13.0 9.3 13.9



#43

Isopropyl Acetate

Concen: 23.591 ug/l

RT: 8.492 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN073934.D

Acq: 16 Aug 2022 07:48

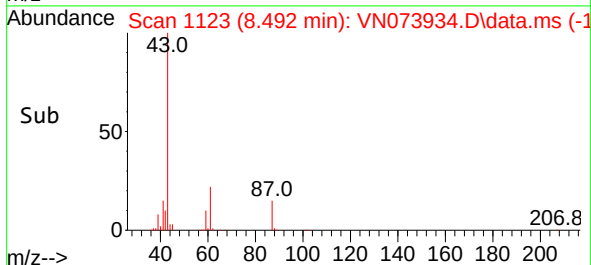
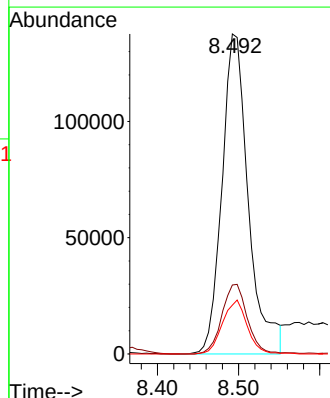
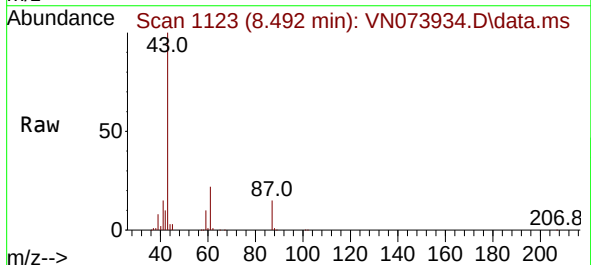
Tgt Ion: 43 Resp: 311507

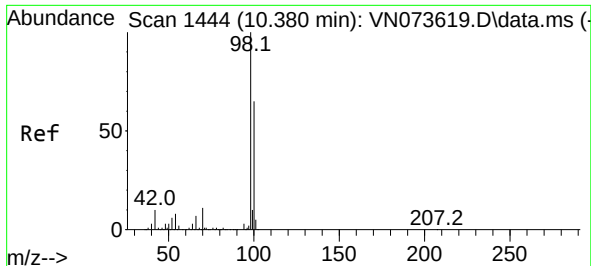
Ion Ratio Lower Upper

43 100

61 21.1 21.9 32.9#

87 15.7 12.0 18.0

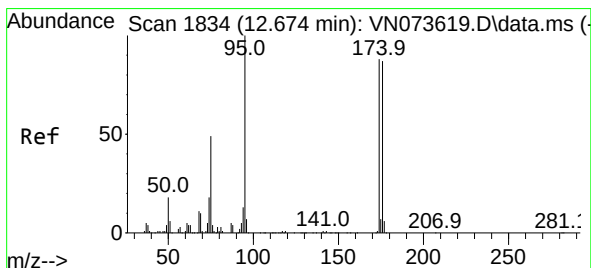
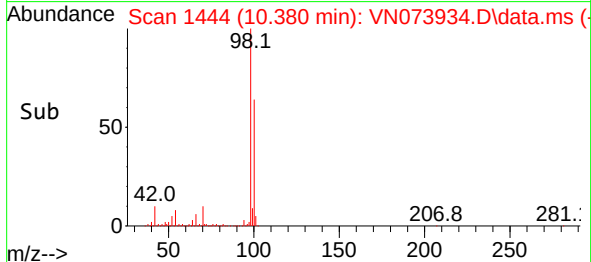
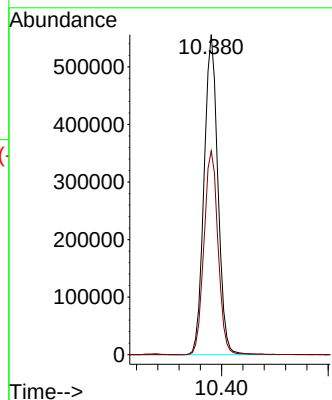
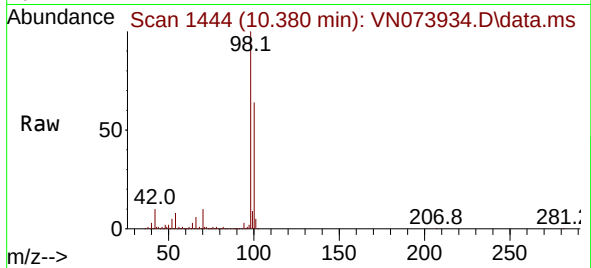




#50
Toluene-d8
Concen: 46.804 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073934.D
Acq: 16 Aug 2022 07:48

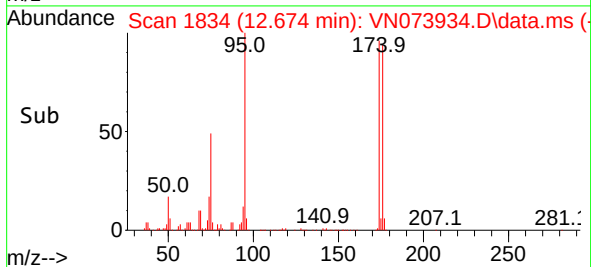
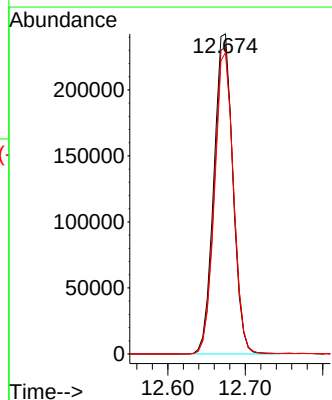
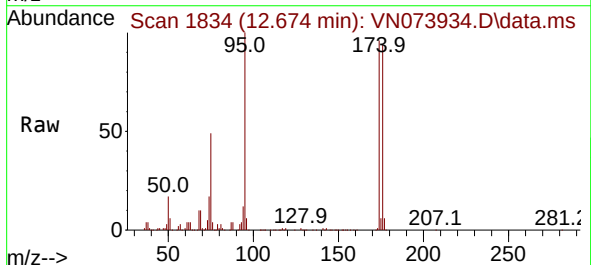
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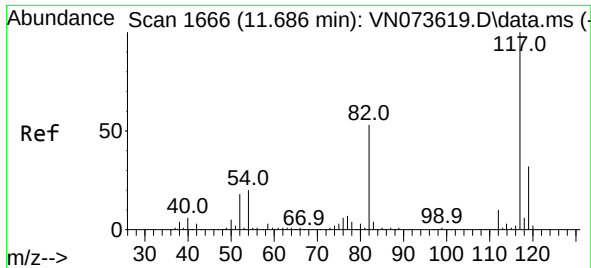
Tgt Ion: 98 Resp: 998478
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 58.474 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073934.D
Acq: 16 Aug 2022 07:48

Tgt Ion: 95 Resp: 414006
Ion Ratio Lower Upper
95 100
174 95.7 0.0 167.6
176 93.4 0.0 163.4

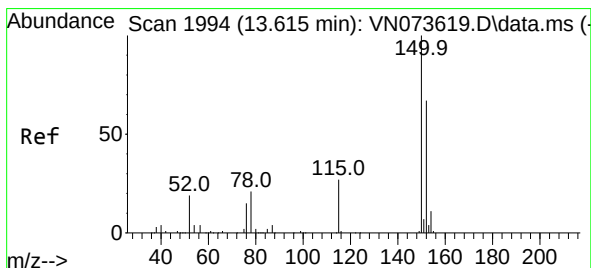
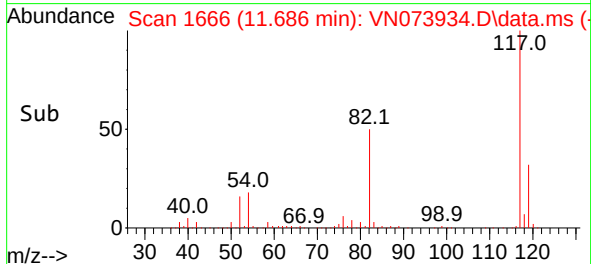
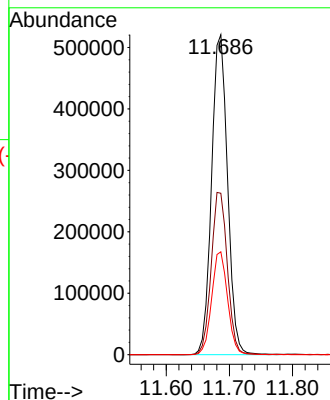
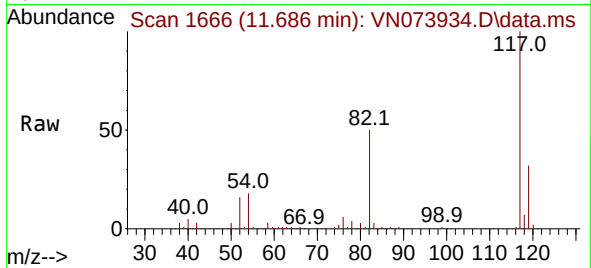




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN073934.D
Acq: 16 Aug 2022 07:48

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:117 Resp: 914713
Ion Ratio Lower Upper
117 100
82 50.5 44.2 66.2
119 32.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.001 min
Lab File: VN073934.D
Acq: 16 Aug 2022 07:48

Tgt Ion:152 Resp: 475953
Ion Ratio Lower Upper
152 100
115 54.6 28.9 86.7
150 157.2 0.0 356.2

