

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081522\
 Data File : VN073933.D
 Acq On : 16 Aug 2022 07:24
 Operator : JC\MD
 Sample : N4211-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VOC-WC-1

Quant Time: Aug 16 08:09:59 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)

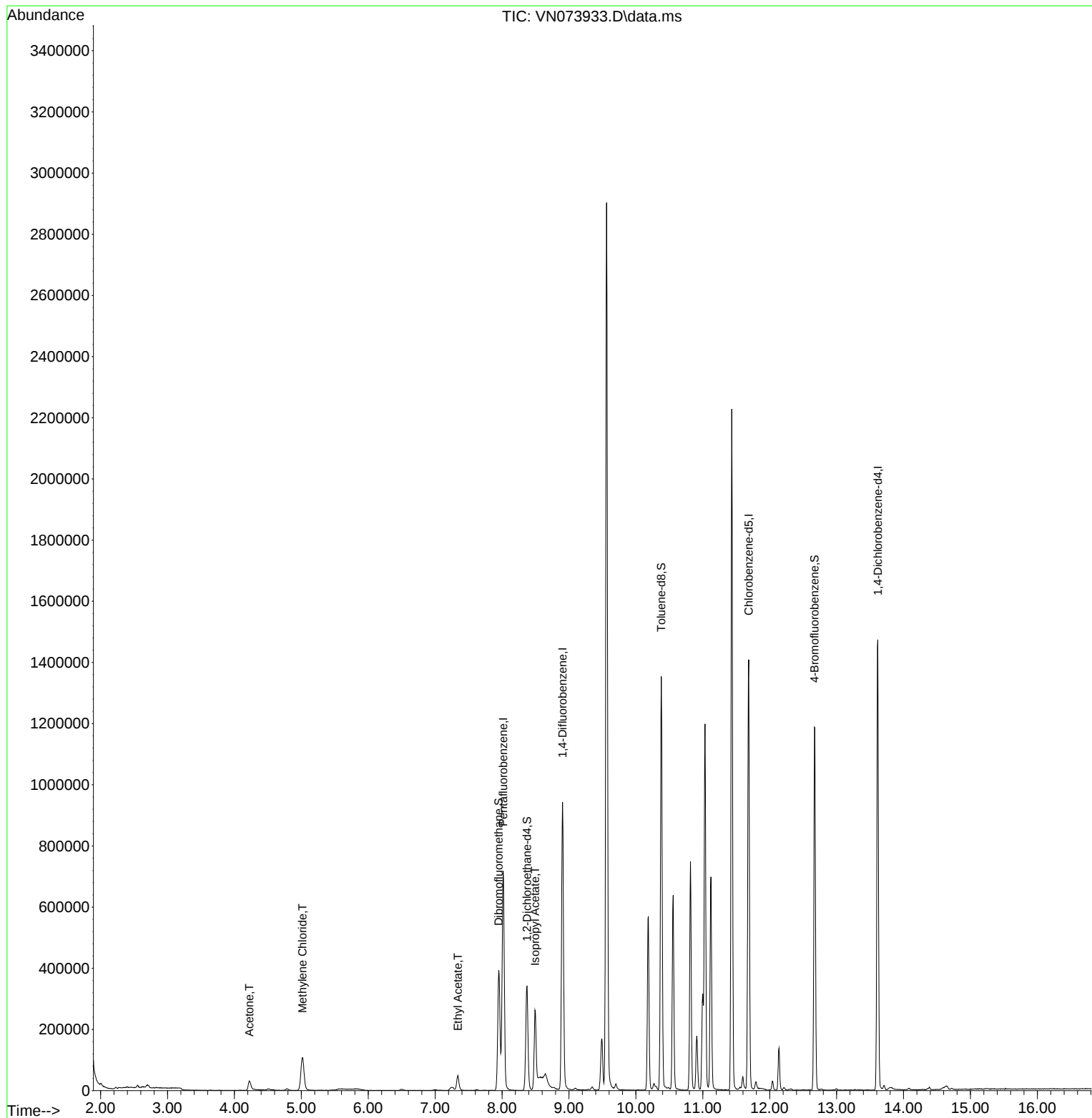
Internal Standards						
1) Pentafluorobenzene	8.016	168	616623	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	896417	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	872816	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	440191	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	289387	48.184	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.360%
35) Dibromofluoromethane	7.951	113	288621	54.443	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.880%
50) Toluene-d8	10.380	98	956741	46.599	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.200%
62) 4-Bromofluorobenzene	12.669	95	387266	56.834	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	113.660%
Target Compounds						
					Qvalue	
16) Acetone	4.222	43	57838	20.412	ug/l	94
20) Methylene Chloride	5.016	84	97582	16.320	ug/l	97
37) Ethyl Acetate	7.339	43	72354	8.111	ug/l	99
43) Isopropyl Acetate	8.492	43	312672	24.604	ug/l #	90

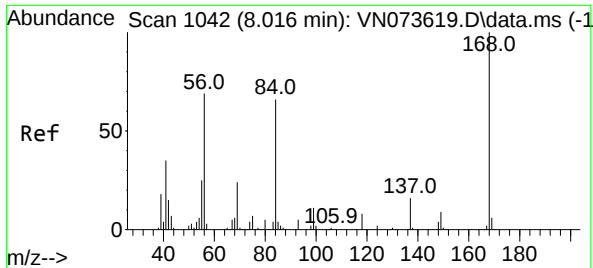
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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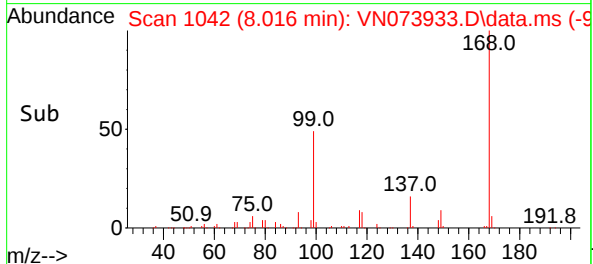
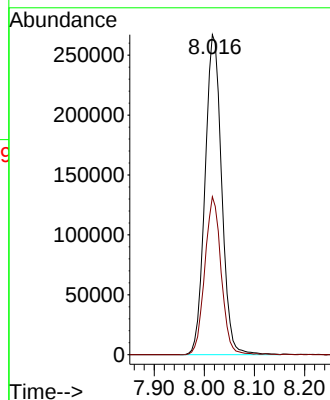
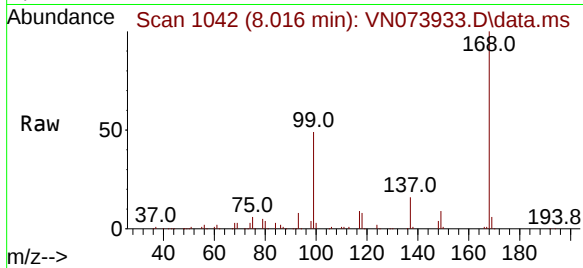




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073933.D
Acq: 16 Aug 2022 07:24

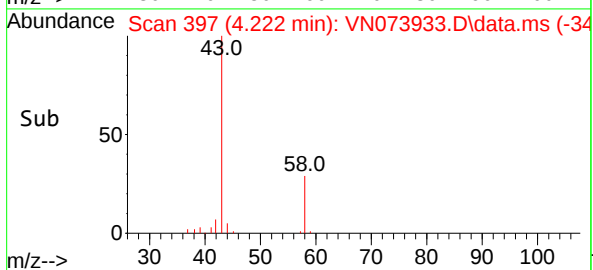
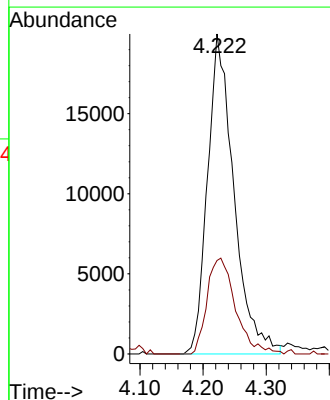
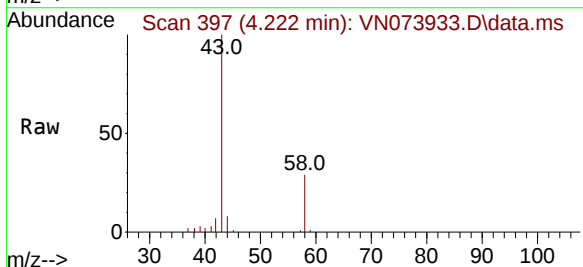
Instrument :
MSVOA_N
ClientSampleId :
VOC-WC-1

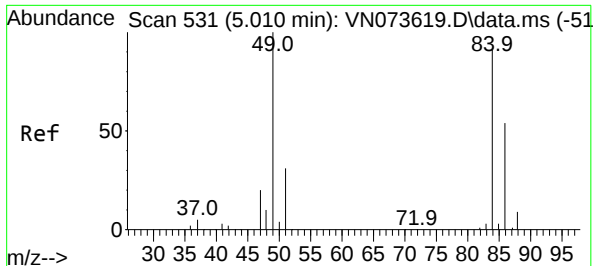
Tgt Ion:168 Resp: 616623
Ion Ratio Lower Upper
168 100
99 49.4 42.3 63.5



#16
Acetone
Concen: 20.412 ug/l
RT: 4.222 min Scan# 397
Delta R.T. 0.000 min
Lab File: VN073933.D
Acq: 16 Aug 2022 07:24

Tgt Ion: 43 Resp: 57838
Ion Ratio Lower Upper
43 100
58 29.2 26.0 39.0

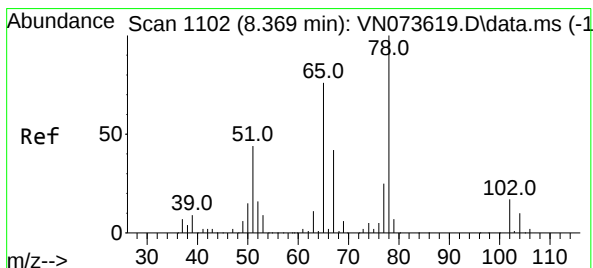
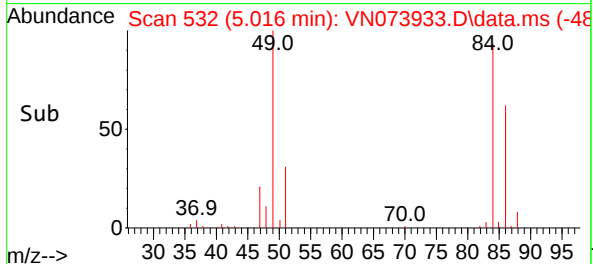
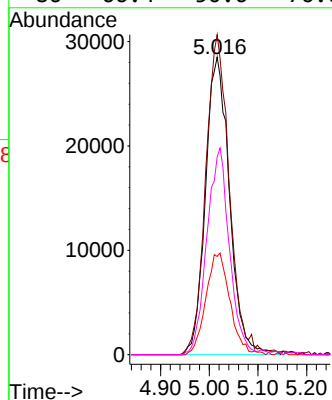
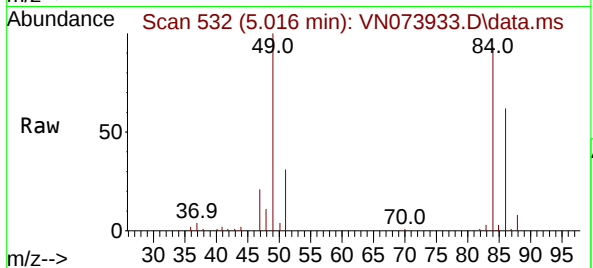




#20
Methylene Chloride
Concen: 16.320 ug/l
RT: 5.016 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN073933.D
Acq: 16 Aug 2022 07:24

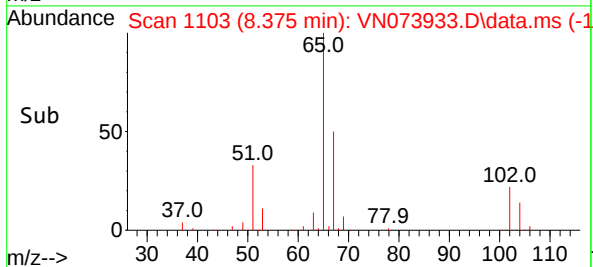
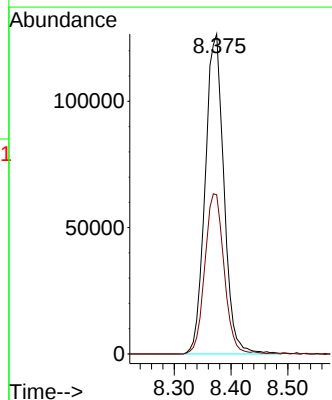
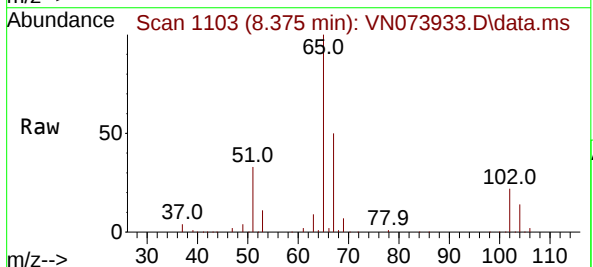
Instrument :
MSVOA_N
ClientSampleId :
VOC-WC-1

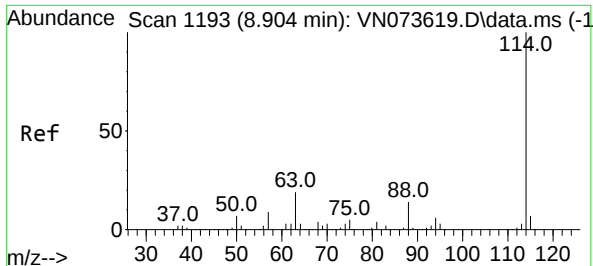
Tgt Ion: 84	Resp: 97582		
Ion	Ratio	Lower	Upper
84	100		
49	107.5	88.3	132.5
51	33.0	28.2	42.2
86	66.4	50.6	76.0



#33
1,2-Dichloroethane-d4
Concen: 48.184 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN073933.D
Acq: 16 Aug 2022 07:24

Tgt Ion: 65	Resp: 289387
Ion Ratio	Lower Upper
65 100	
67 51.6	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: VN073933.D

Acq: 16 Aug 2022 07:24

Instrument :

MSVOA_N

ClientSampleId :

VOC-WC-1

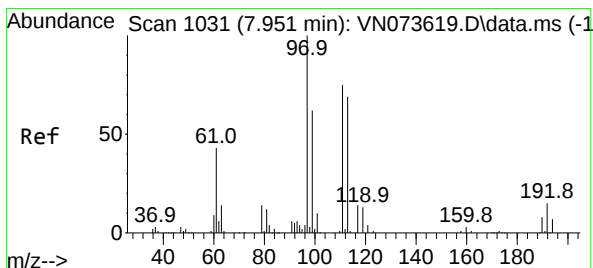
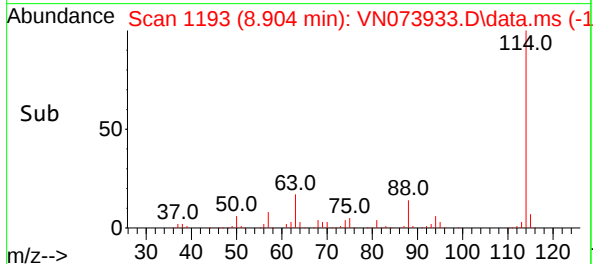
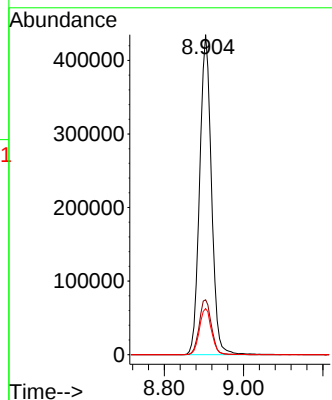
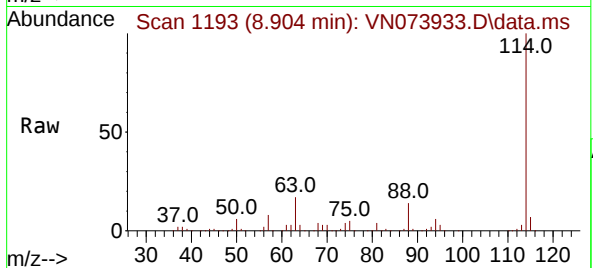
Tgt Ion:114 Resp: 896417

Ion Ratio Lower Upper

114 100

63 17.2 0.0 40.0

88 14.4 0.0 32.6



#35

Dibromofluoromethane

Concen: 54.443 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073933.D

Acq: 16 Aug 2022 07:24

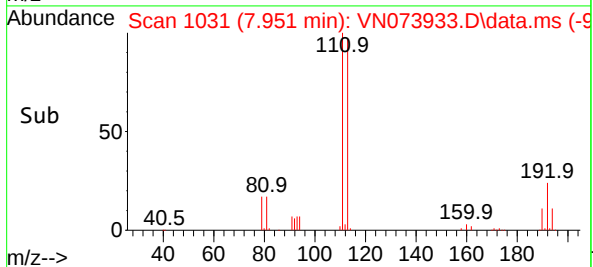
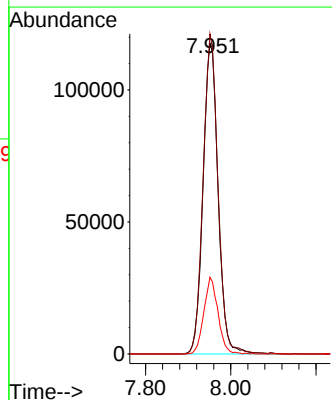
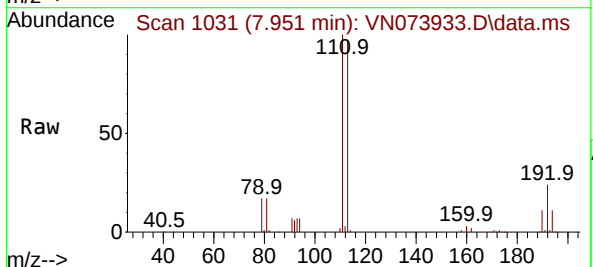
Tgt Ion:113 Resp: 288621

Ion Ratio Lower Upper

113 100

111 101.8 81.4 122.0

192 23.1 17.0 25.6

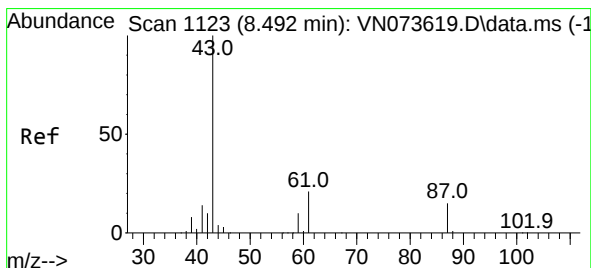
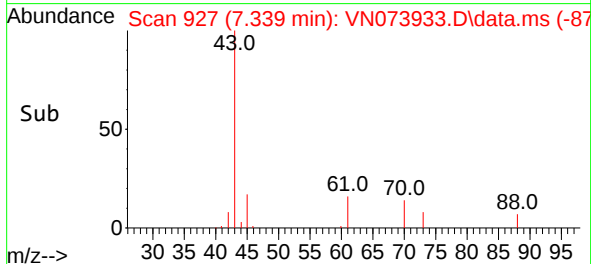
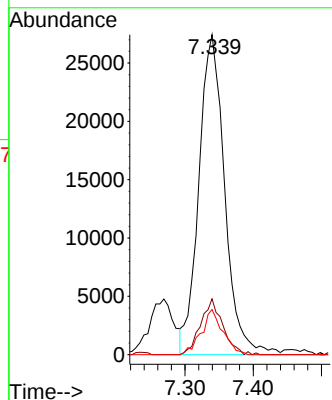
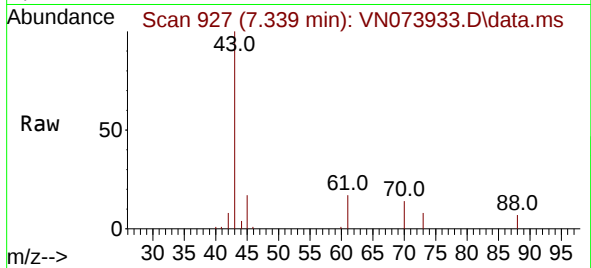




#37
Ethyl Acetate
Concen: 8.111 ug/l
RT: 7.339 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN073933.D
Acq: 16 Aug 2022 07:24

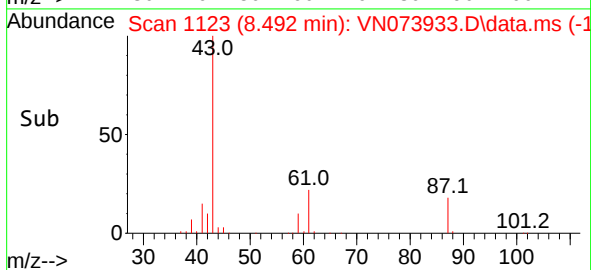
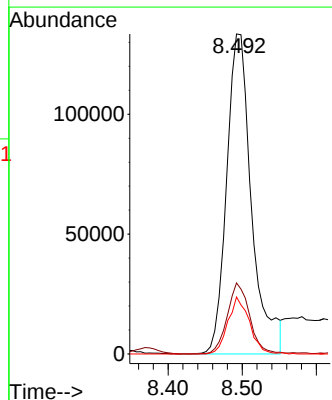
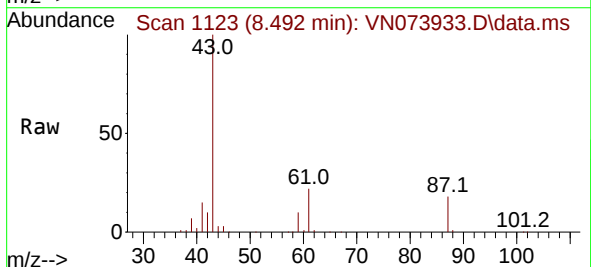
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VOC-WC-1

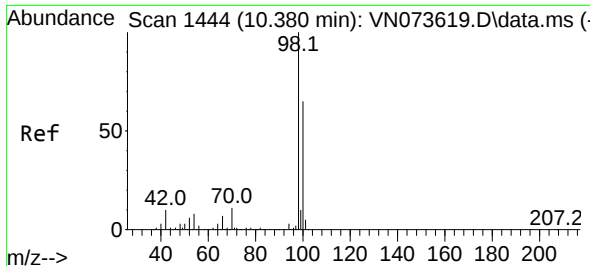
Tgt Ion:	43	Resp:	72354
Ion	Ratio	Lower	Upper
43	100		
61	14.9	11.8	17.6
70	11.8	9.3	13.9



#43
Isopropyl Acetate
Concen: 24.604 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN073933.D
Acq: 16 Aug 2022 07:24

Tgt Ion:	43	Resp:	312672
Ion	Ratio	Lower	Upper
43	100		
61	19.9	21.9	32.9#
87	15.4	12.0	18.0

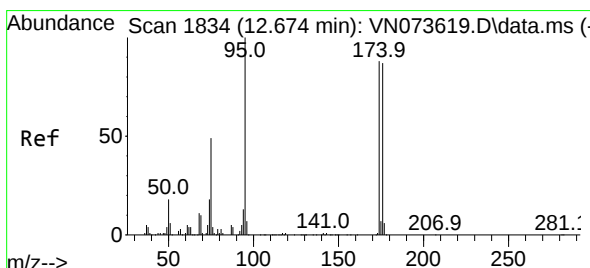
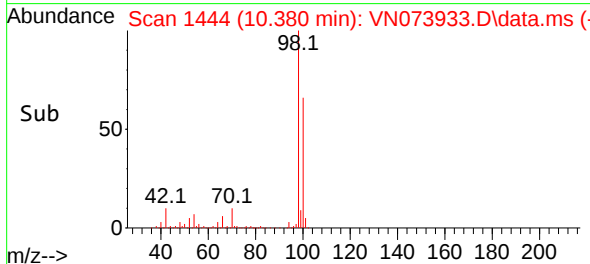
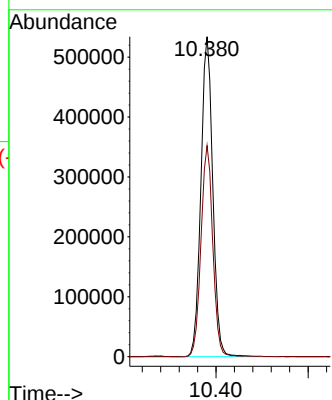
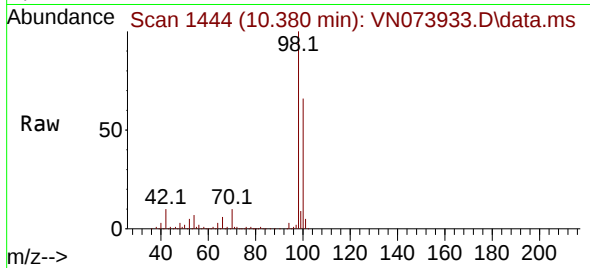




#50
Toluene-d8
Concen: 46.599 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073933.D
Acq: 16 Aug 2022 07:24

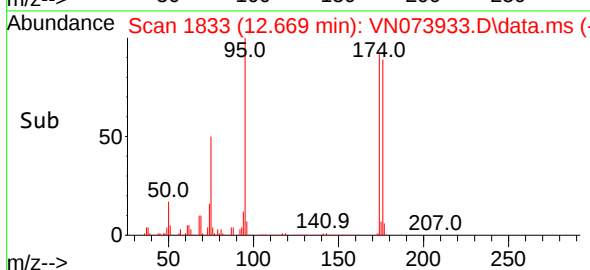
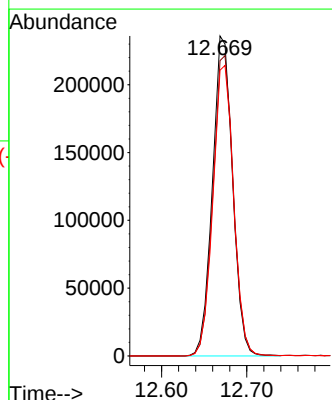
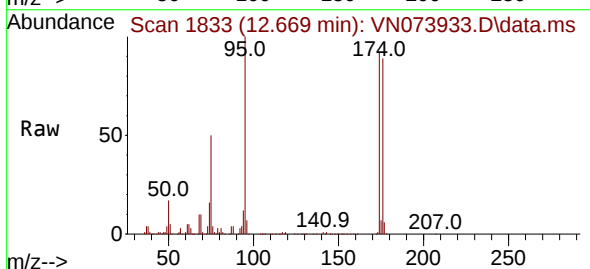
Instrument :
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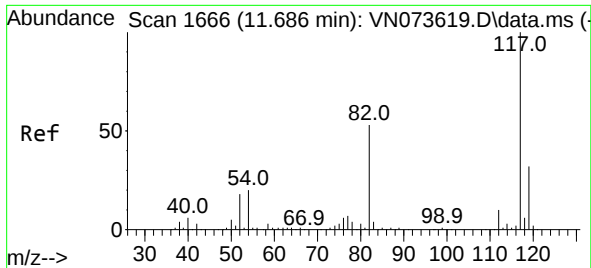
Tgt Ion: 98 Resp: 956741
Ion Ratio Lower Upper
98 100
100 65.8 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 56.834 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.005 min
Lab File: VN073933.D
Acq: 16 Aug 2022 07:24

Tgt Ion: 95 Resp: 387266
Ion Ratio Lower Upper
95 100
174 95.8 0.0 167.6
176 93.2 0.0 163.4

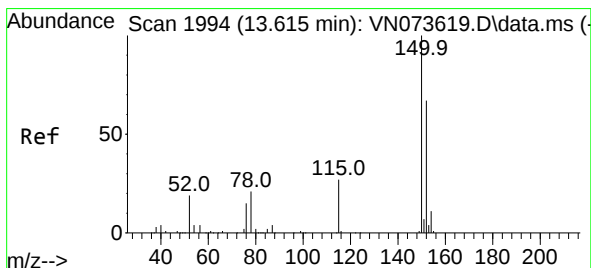
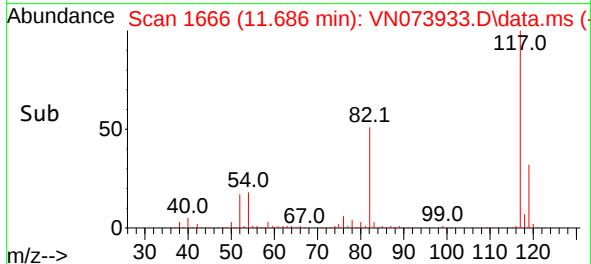
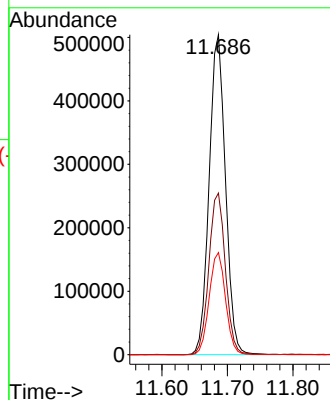
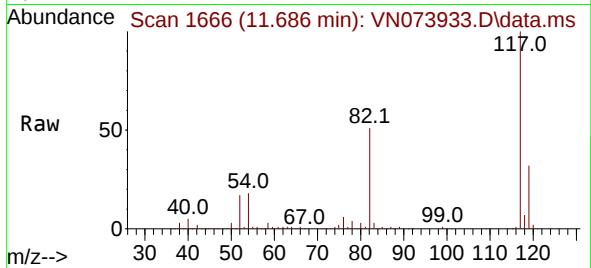




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VN073933.D
Acq: 16 Aug 2022 07:24

Instrument :
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ClientSampleId :
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Tgt Ion:117 Resp: 872816
Ion Ratio Lower Upper
117 100
82 50.5 44.2 66.2
119 31.9 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: VN073933.D
Acq: 16 Aug 2022 07:24

Tgt Ion:152 Resp: 440191
Ion Ratio Lower Upper
152 100
115 54.6 28.9 86.7
150 156.9 0.0 356.2

