

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102822\
 Data File : VN075069.D
 Acq On : 28 Oct 2022 18:36
 Operator : JC\MD
 Sample : N5313-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TCLP-VOC-GRAB-3-NW-QUARTER

Quant Time: Oct 31 03:09:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

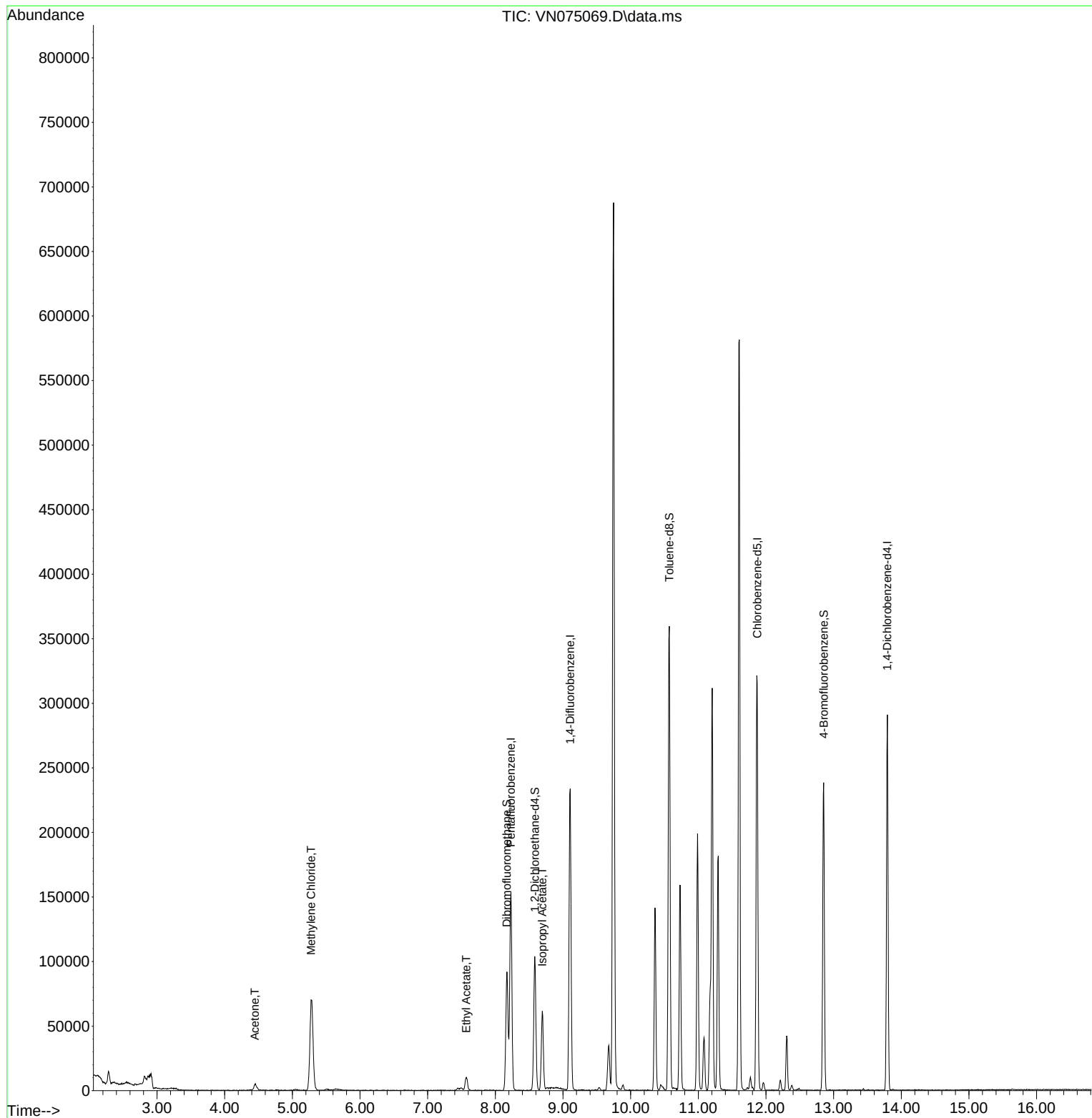
Internal Standards						
1) Pentafluorobenzene	8.229	168	107250	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	206697	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	189328	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	72619	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	85214	58.969	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	117.940%
35) Dibromofluoromethane	8.171	113	64533	53.183	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.360%
50) Toluene-d8	10.571	98	256591	54.504	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	109.000%
62) 4-Bromofluorobenzene	12.853	95	81155	49.074	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.140%
Target Compounds						
					Qvalue	
16) Acetone	4.447	43	9508	15.539	ug/l	91
20) Methylene Chloride	5.277	84	58579	42.938	ug/l	94
37) Ethyl Acetate	7.571	43	15996	7.764	ug/l	98
43) Isopropyl Acetate	8.694	43	67293	21.058	ug/l #	90

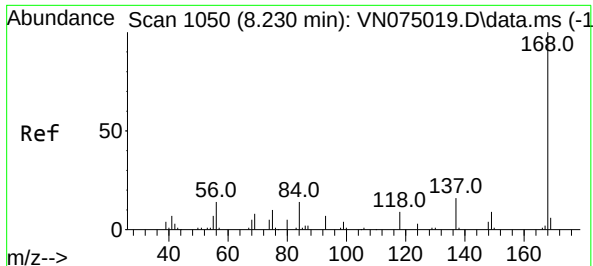
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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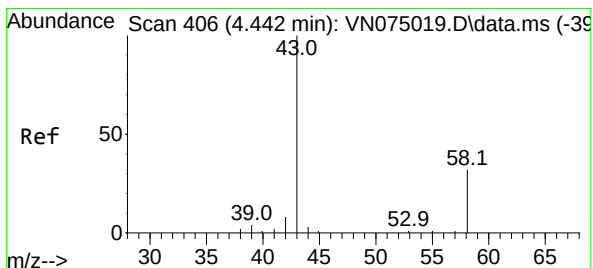
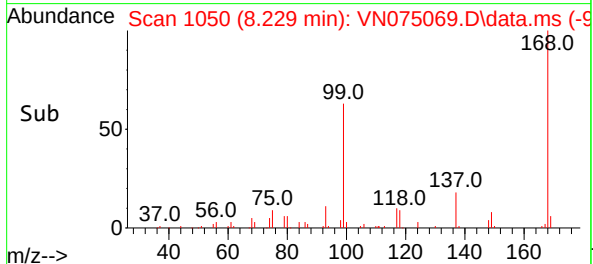
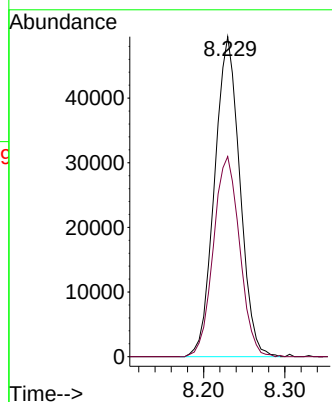
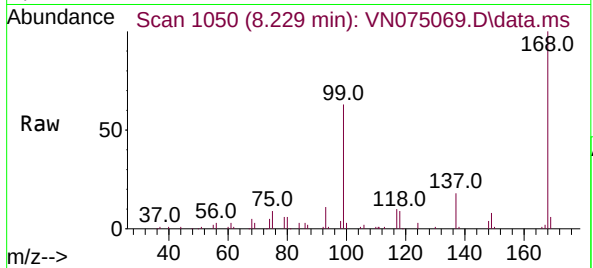




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN075069.D
Acq: 28 Oct 2022 18:36

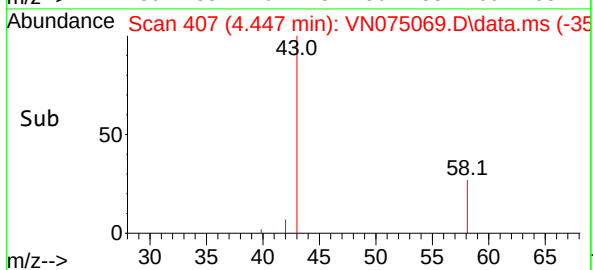
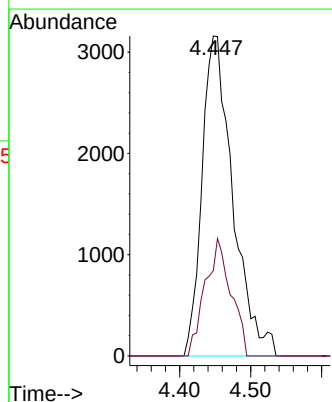
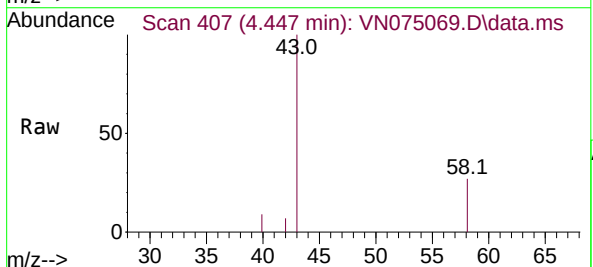
Instrument : MSVOA_N
ClientSampleId : TCLP-VOC-GRAB-3-NW-QUARTER

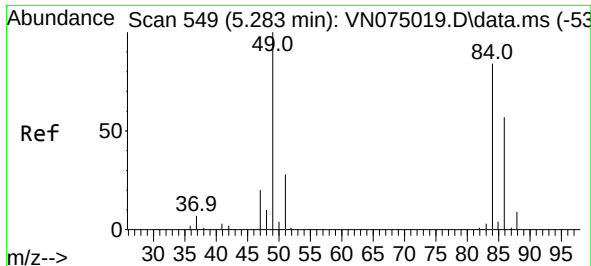
Tgt Ion:168 Resp: 107250
Ion Ratio Lower Upper
168 100
99 62.6 51.6 77.4



#16
Acetone
Concen: 15.539 ug/l
RT: 4.447 min Scan# 407
Delta R.T. 0.005 min
Lab File: VN075069.D
Acq: 28 Oct 2022 18:36

Tgt Ion: 43 Resp: 9508
Ion Ratio Lower Upper
43 100
58 26.6 25.5 38.3

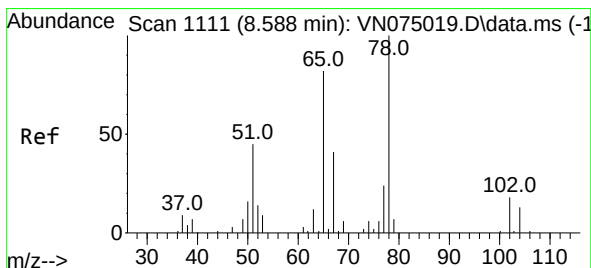
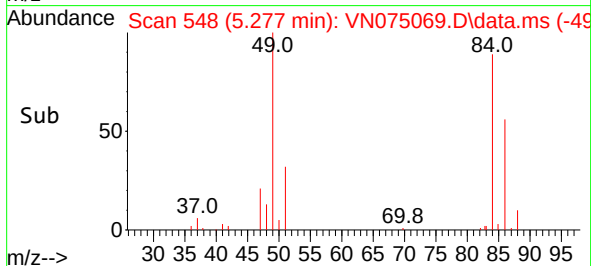
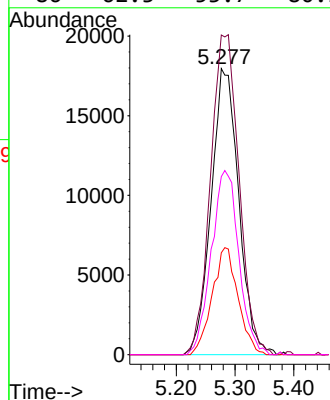
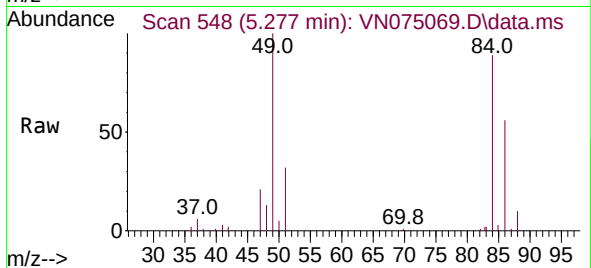




#20
Methylene Chloride
Concen: 42.938 ug/l
RT: 5.277 min Scan# 54
Delta R.T. -0.006 min
Lab File: VN075069.D
Acq: 28 Oct 2022 18:36

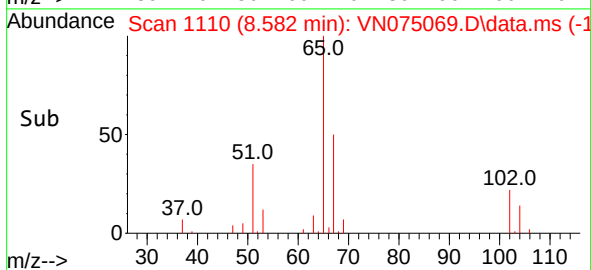
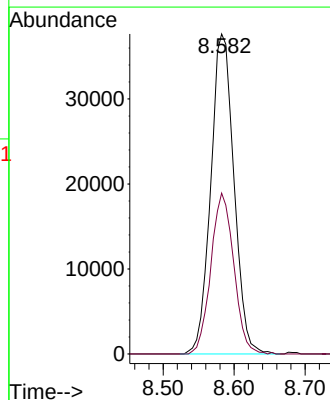
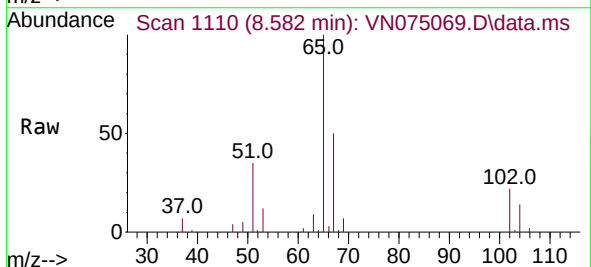
Instrument :
MSVOA_N
ClientSampleId :
TCLP-VOC-GRAB-3-NW-QUARTER

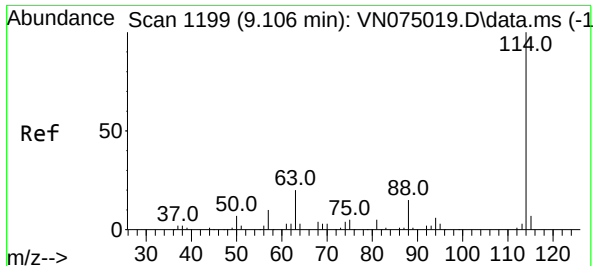
Tgt Ion: 84	Resp: 58579		
Ion	Ratio	Lower	Upper
84	100		
49	111.8	94.9	142.3
51	35.6	26.8	40.2
86	62.3	53.7	80.5



#33
1,2-Dichloroethane-d4
Concen: 58.969 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.006 min
Lab File: VN075069.D
Acq: 28 Oct 2022 18:36

Tgt Ion: 65	Resp: 85214
Ion Ratio	Lower Upper
65 100	
67 49.7	0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075069.D

Acq: 28 Oct 2022 18:36

Instrument :

MSVOA_N

ClientSampleId :

TCLP-VOC-GRAB-3-NW-QUARTER

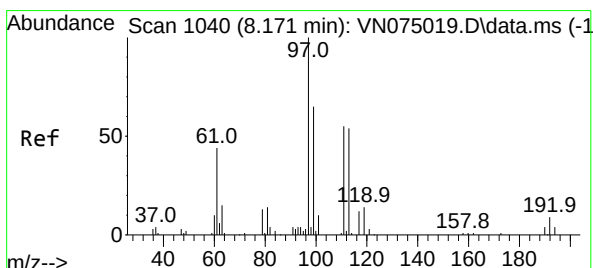
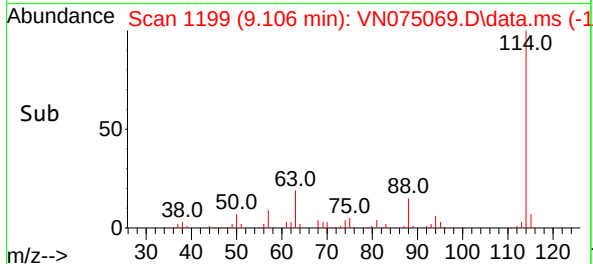
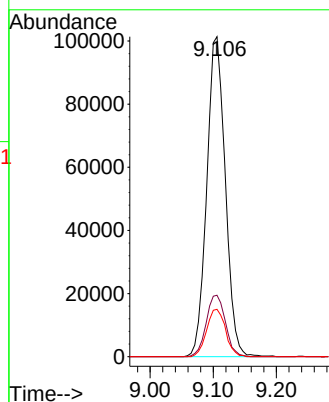
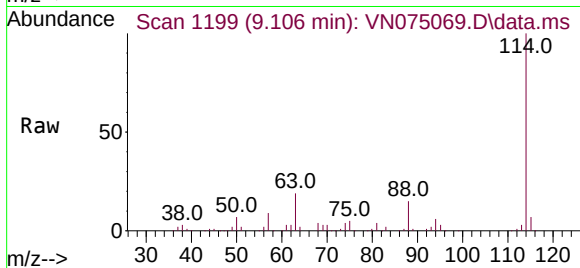
Tgt Ion:114 Resp: 206697

Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.6

88 14.8 0.0 29.0



#35

Dibromofluoromethane

Concen: 53.183 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075069.D

Acq: 28 Oct 2022 18:36

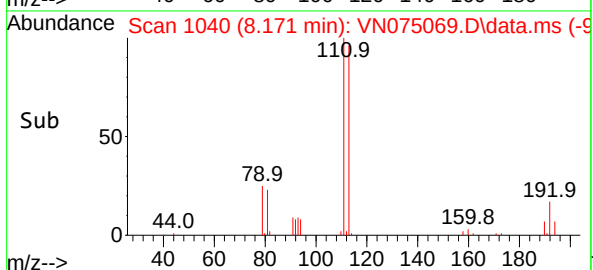
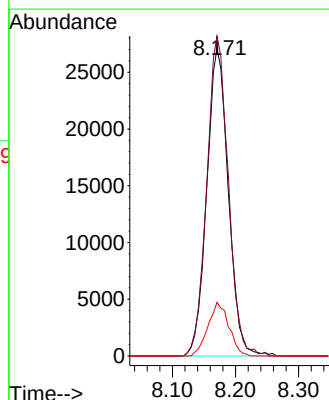
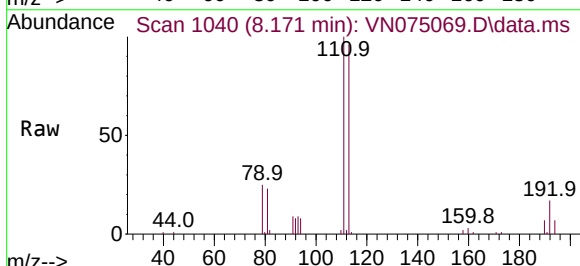
Tgt Ion:113 Resp: 64533

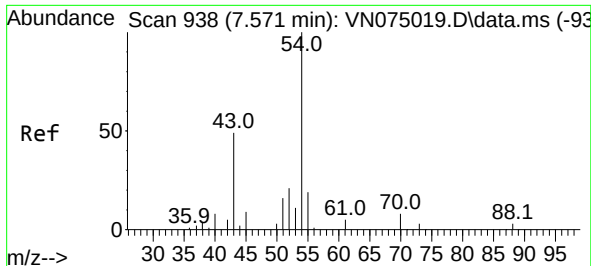
Ion Ratio Lower Upper

113 100

111 103.2 80.5 120.7

192 16.8 13.2 19.8

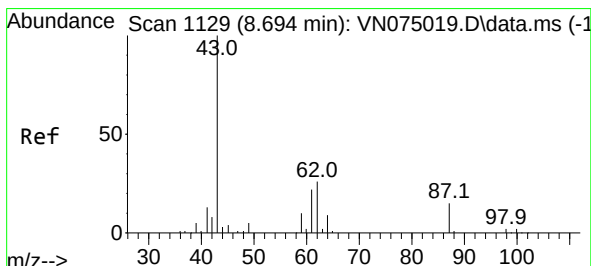
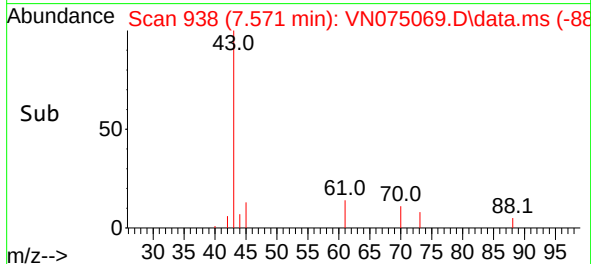
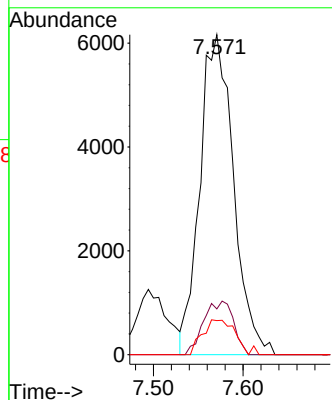
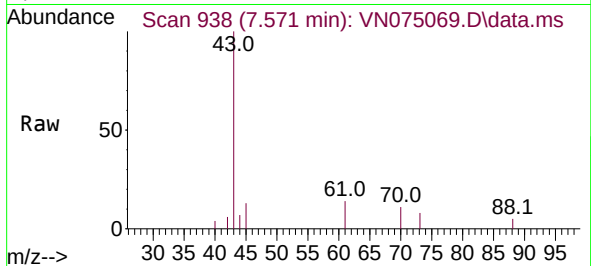




#37
Ethyl Acetate
Concen: 7.764 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075069.D
Acq: 28 Oct 2022 18:36

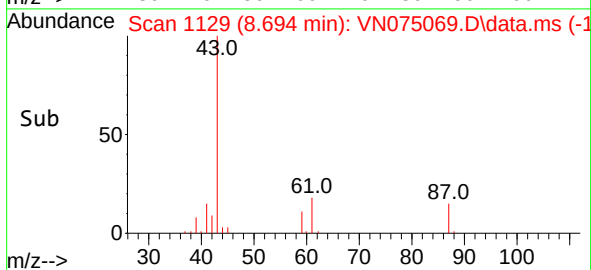
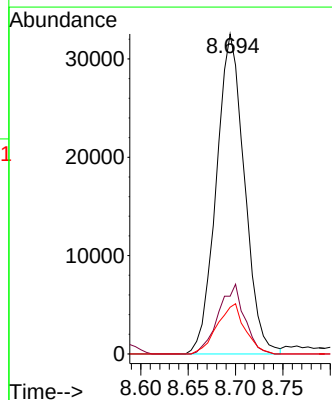
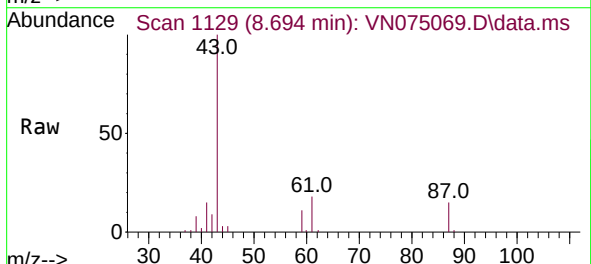
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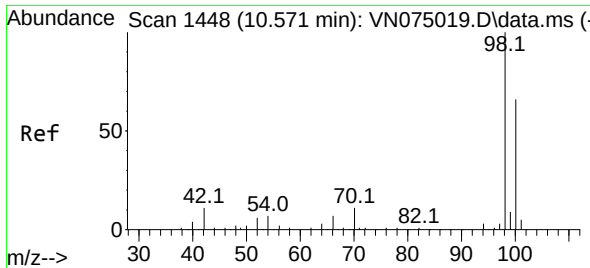
Tgt Ion:	43	Resp:	15996
Ion	Ratio	Lower	Upper
43	100		
61	14.9	12.2	18.4
70	10.7	9.4	14.2



#43
Isopropyl Acetate
Concen: 21.058 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075069.D
Acq: 28 Oct 2022 18:36

Tgt Ion:	43	Resp:	67293
Ion	Ratio	Lower	Upper
43	100		
61	20.2	22.4	33.6#
87	15.5	12.5	18.7

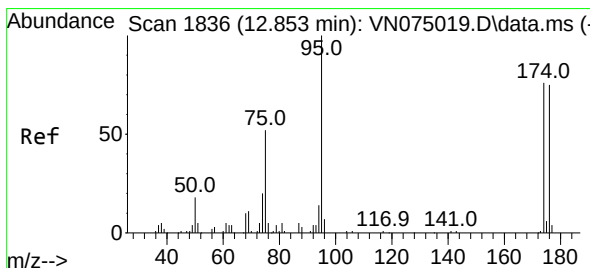
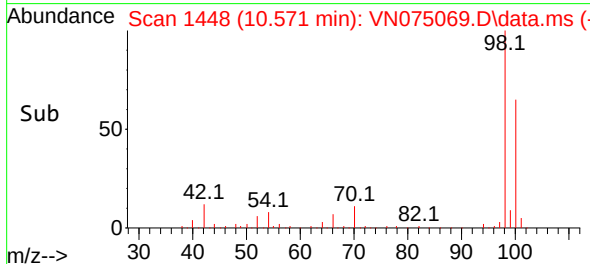
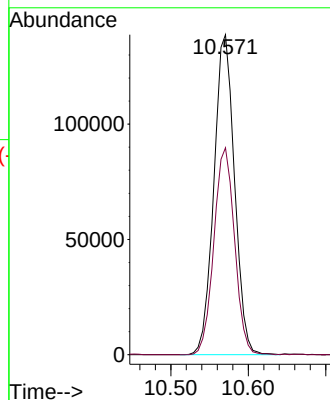
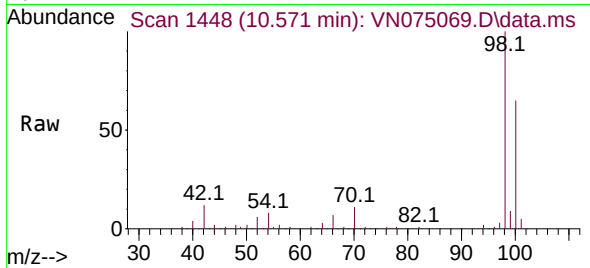




#50
Toluene-d8
Concen: 54.504 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075069.D
Acq: 28 Oct 2022 18:36

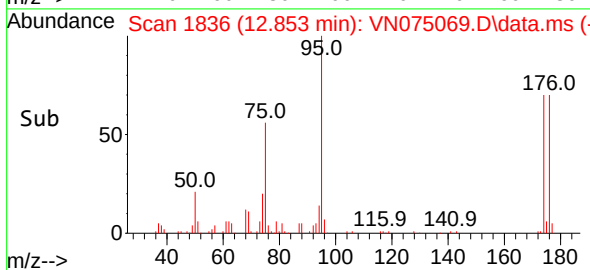
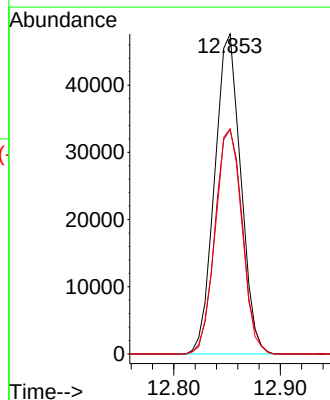
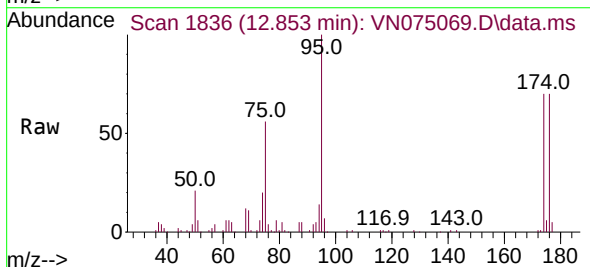
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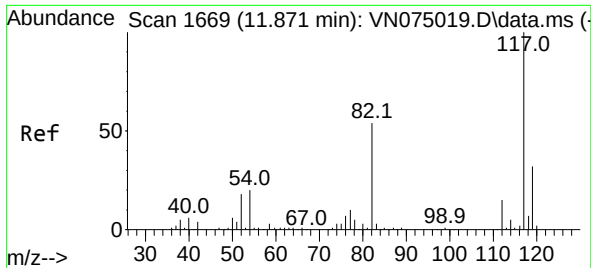
Tgt Ion: 98 Resp: 256591
Ion Ratio Lower Upper
98 100
100 64.7 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 49.074 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075069.D
Acq: 28 Oct 2022 18:36

Tgt Ion: 95 Resp: 81155
Ion Ratio Lower Upper
95 100
174 73.2 0.0 147.4
176 71.9 0.0 142.2

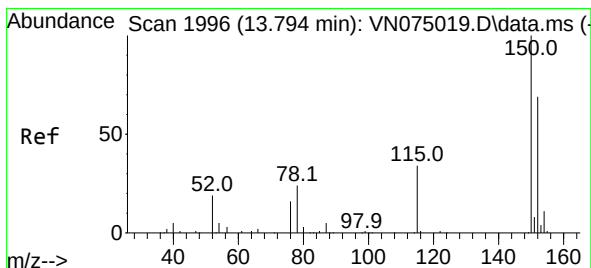
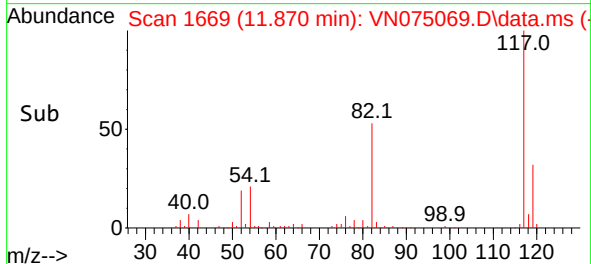
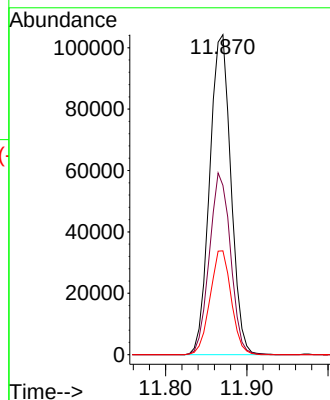
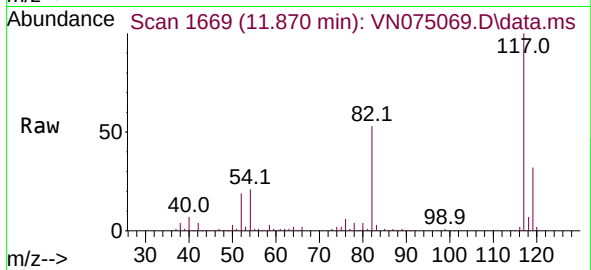




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN075069.D
Acq: 28 Oct 2022 18:36

Instrument :
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Tgt Ion:117 Resp: 189328
Ion Ratio Lower Upper
117 100
82 52.9 43.1 64.7
119 32.4 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075069.D
Acq: 28 Oct 2022 18:36

Tgt Ion:152 Resp: 72619
Ion Ratio Lower Upper
152 100
115 63.8 30.2 90.6
150 160.3 0.0 348.4

