

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102822\
 Data File : VN075071.D
 Acq On : 28 Oct 2022 19:24
 Operator : JC\MD
 Sample : N5313-19
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TCLP-VOC-GRAB-4-SE-QUARTER

Quant Time: Oct 31 03:10:11 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)

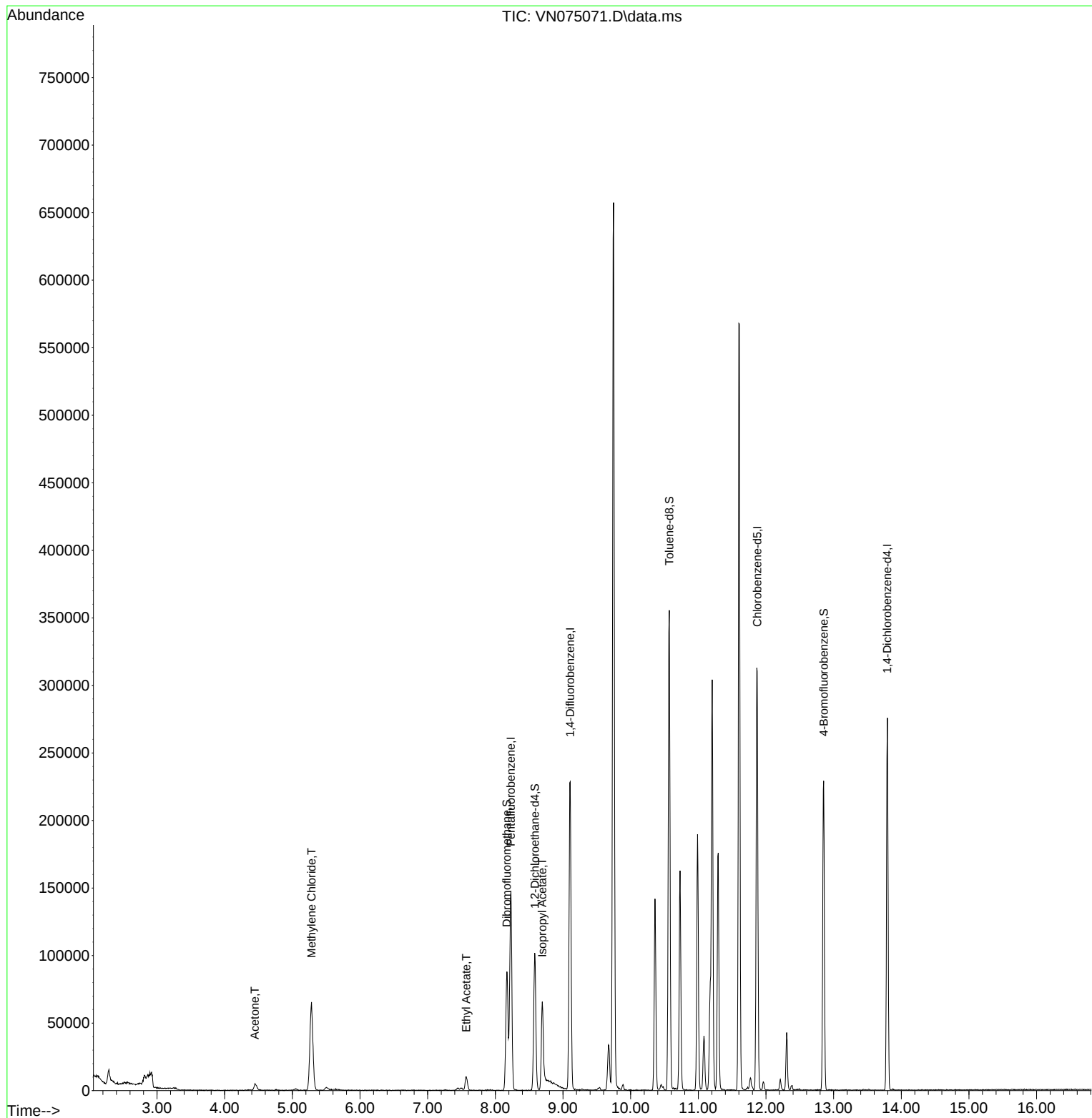
Internal Standards						
1) Pentafluorobenzene	8.230	168	102531	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	201695	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	182068	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	69294	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	83979	60.789	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 121.580%	
35) Dibromofluoromethane	8.171	113	63673	53.776	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.560%	
50) Toluene-d8	10.571	98	247933	53.971	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.940%	
62) 4-Bromofluorobenzene	12.853	95	78474	48.629	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.260%	
Target Compounds						
					Qvalue	
16) Acetone	4.448	43	9388	16.049	ug/l	97
20) Methylene Chloride	5.283	84	52150	39.985	ug/l	95
37) Ethyl Acetate	7.571	43	15341	7.631	ug/l	98
43) Isopropyl Acetate	8.694	43	74850	24.003	ug/l #	86

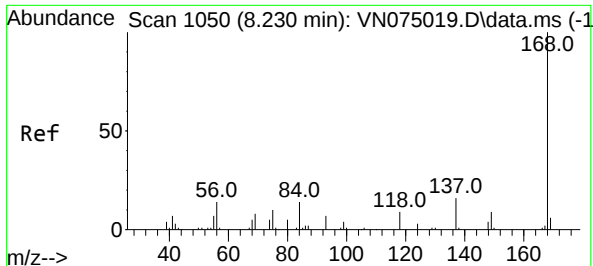
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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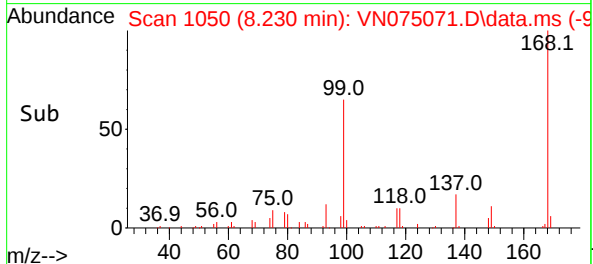
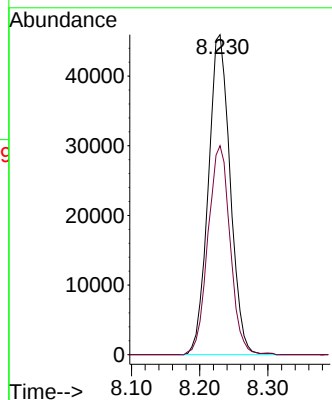
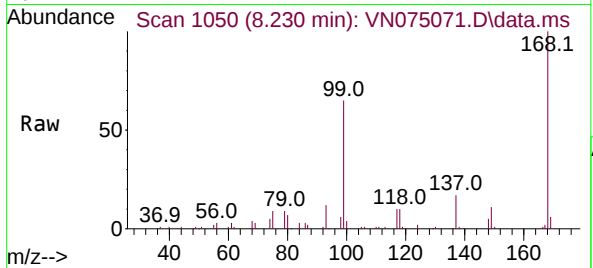




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075071.D
Acq: 28 Oct 2022 19:24

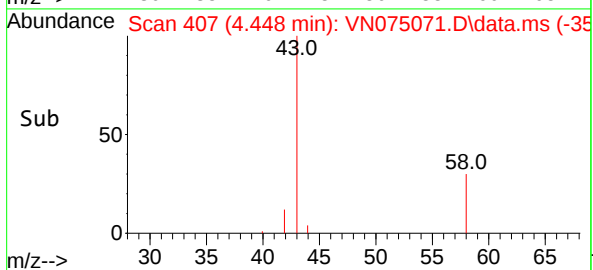
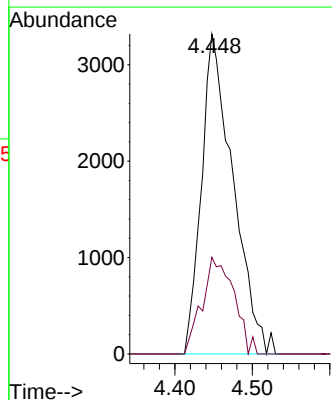
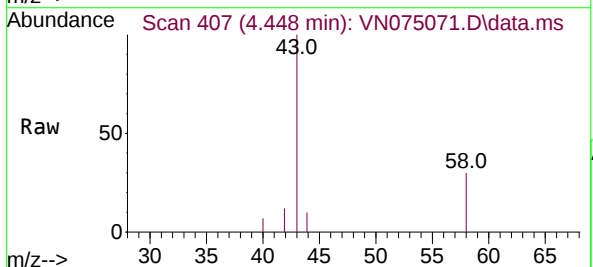
Instrument :
MSVOA_N
ClientSampleId :
TCLP-VOC-GRAB-4-SE-QUARTER

Tgt Ion:168 Resp: 102531
Ion Ratio Lower Upper
168 100
99 65.3 51.6 77.4



#16
Acetone
Concen: 16.049 ug/l
RT: 4.448 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN075071.D
Acq: 28 Oct 2022 19:24

Tgt Ion: 43 Resp: 9388
Ion Ratio Lower Upper
43 100
58 30.2 25.5 38.3

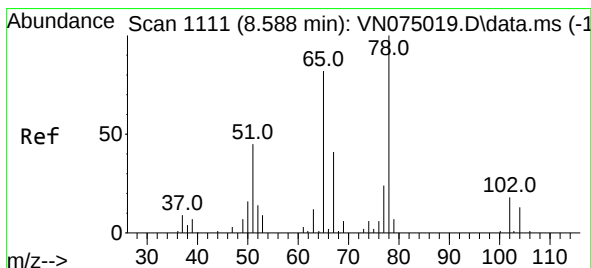
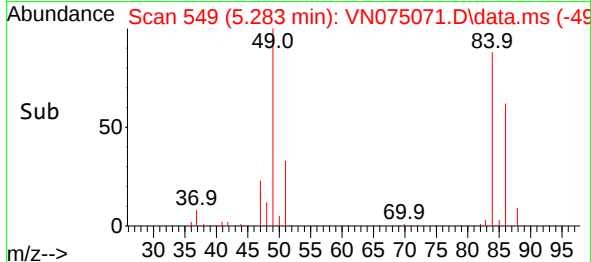
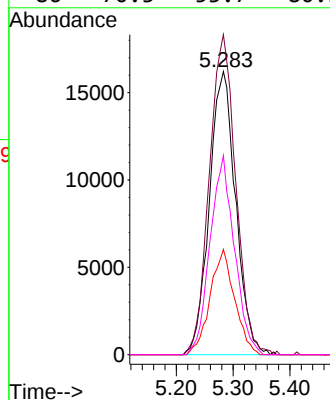
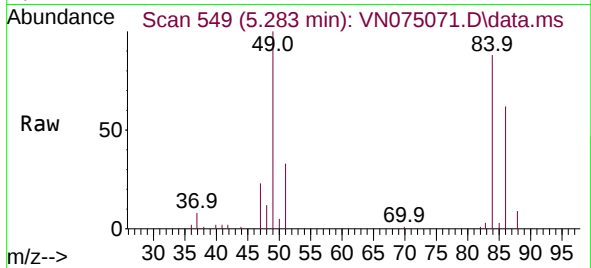




#20
Methylene Chloride
Concen: 39.985 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.000 min
Lab File: VN075071.D
Acq: 28 Oct 2022 19:24

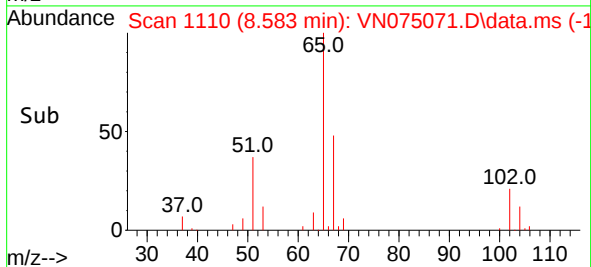
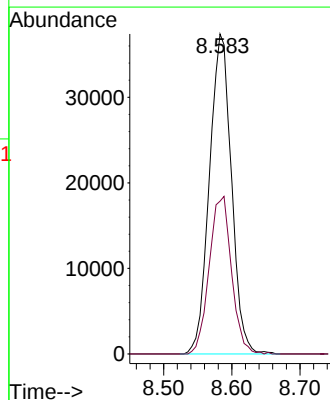
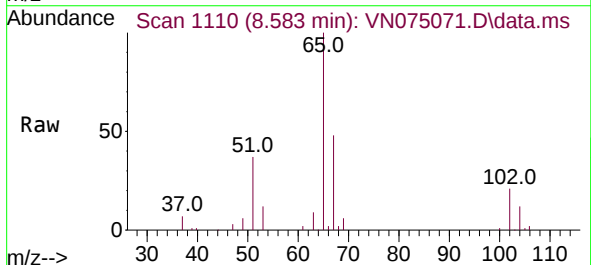
Instrument :
MSVOA_N
ClientSampleId :
TCLP-VOC-GRAB-4-SE-QUARTER

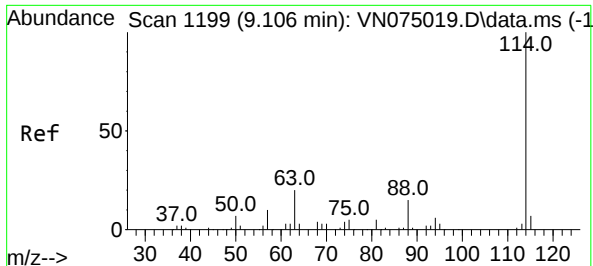
Tgt Ion: 84	Resp: 52150
Ion Ratio	Lower Upper
84 100	
49 113.0	94.9 142.3
51 37.2	26.8 40.2
86 70.3	53.7 80.5



#33
1,2-Dichloroethane-d4
Concen: 60.789 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. -0.005 min
Lab File: VN075071.D
Acq: 28 Oct 2022 19:24

Tgt Ion: 65	Resp: 83979
Ion Ratio	Lower Upper
65 100	
67 50.0	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: VN075071.D

Acq: 28 Oct 2022 19:24

Instrument :

MSVOA_N

ClientSampleId :

TCLP-VOC-GRAB-4-SE-QUARTER

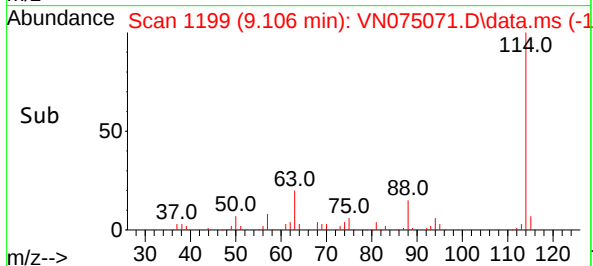
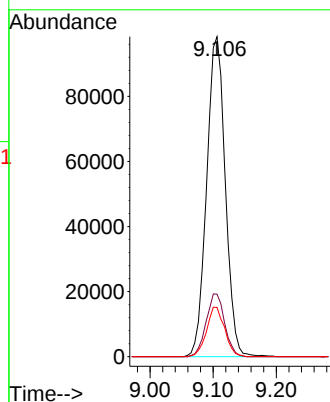
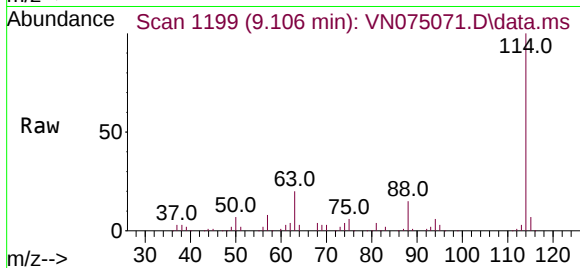
Tgt Ion:114 Resp: 201695

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.6

88 15.4 0.0 29.0



#35

Dibromofluoromethane

Concen: 53.776 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075071.D

Acq: 28 Oct 2022 19:24

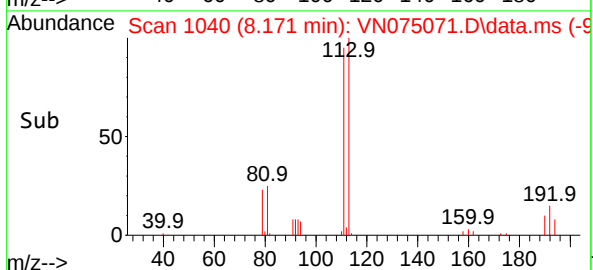
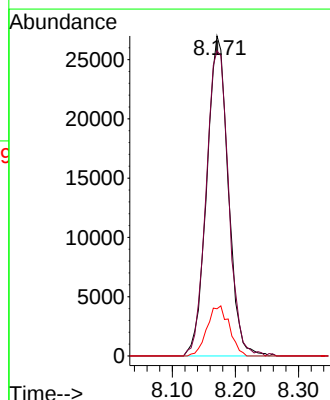
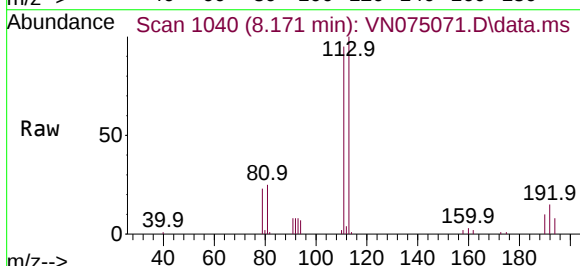
Tgt Ion:113 Resp: 63673

Ion Ratio Lower Upper

113 100

111 99.6 80.5 120.7

192 16.2 13.2 19.8

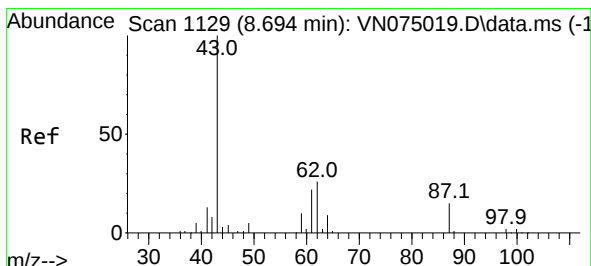
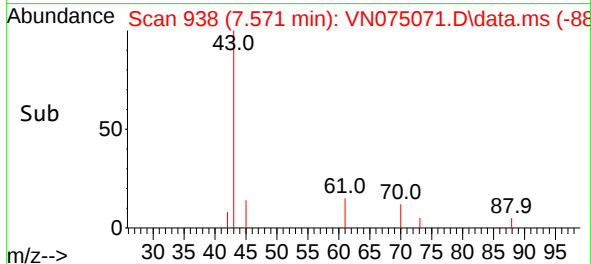
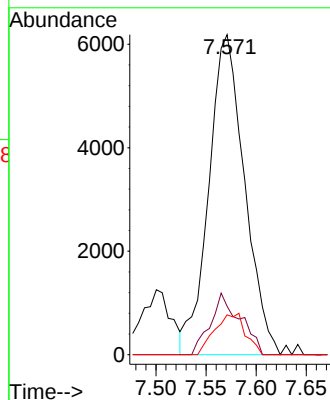
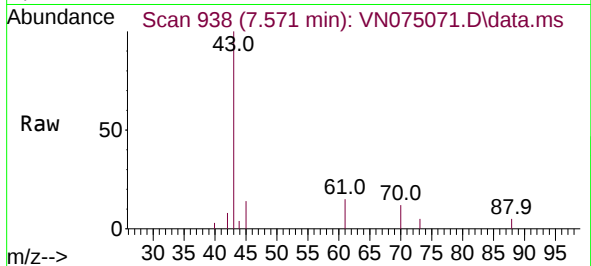




#37
Ethyl Acetate
Concen: 7.631 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075071.D
Acq: 28 Oct 2022 19:24

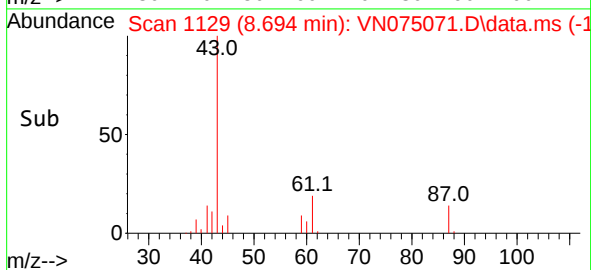
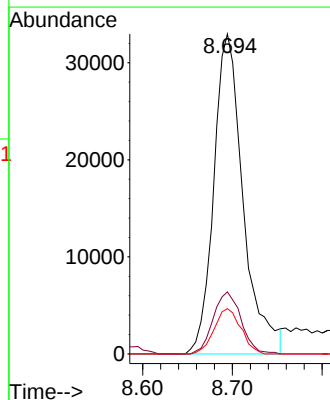
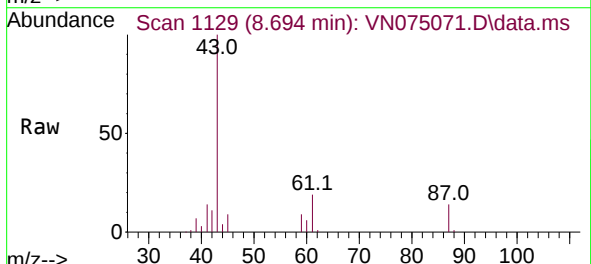
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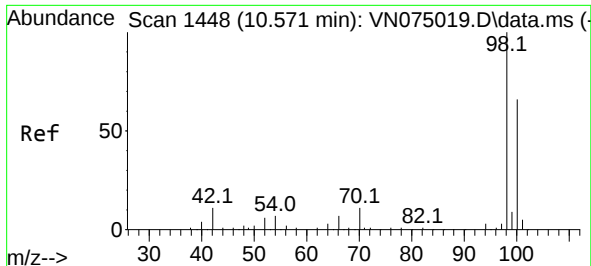
Tgt Ion:	43	Resp:	15341
Ion	Ratio	Lower	Upper
43	100		
61	16.1	12.2	18.4
70	11.0	9.4	14.2



#43
Isopropyl Acetate
Concen: 24.003 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075071.D
Acq: 28 Oct 2022 19:24

Tgt Ion:	43	Resp:	74850
Ion	Ratio	Lower	Upper
43	100		
61	18.4	22.4	33.6#
87	12.9	12.5	18.7

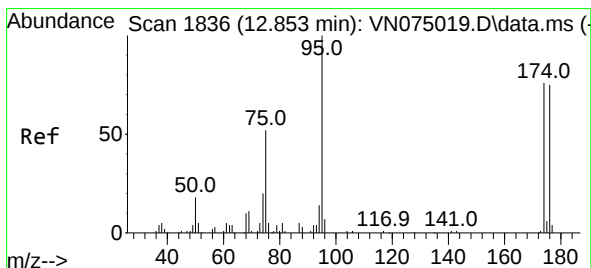
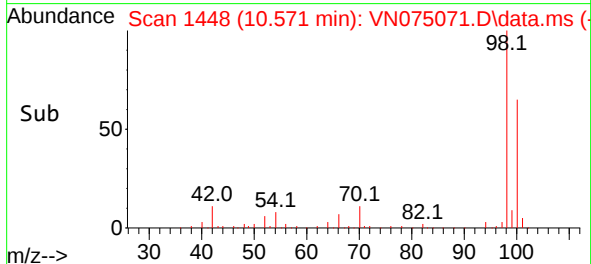
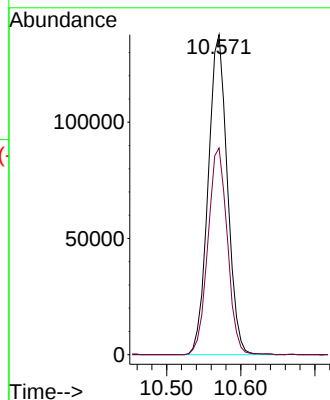
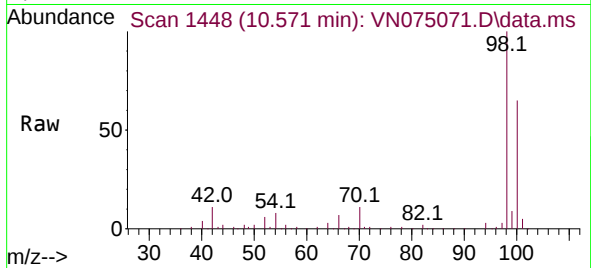




#50
Toluene-d8
Concen: 53.971 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075071.D
Acq: 28 Oct 2022 19:24

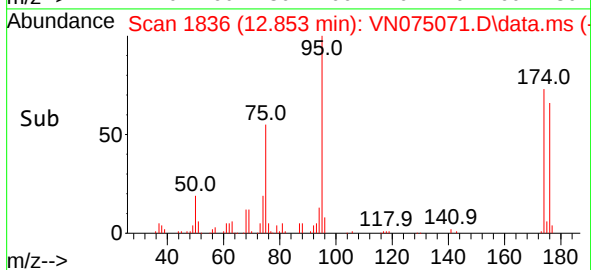
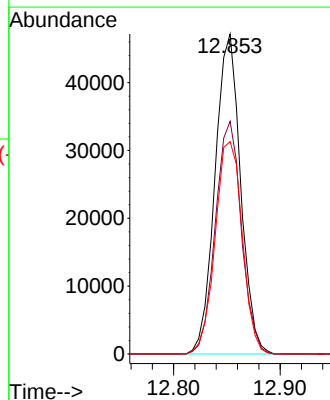
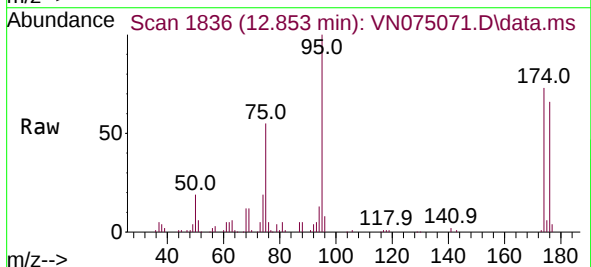
Instrument : MSVOA_N
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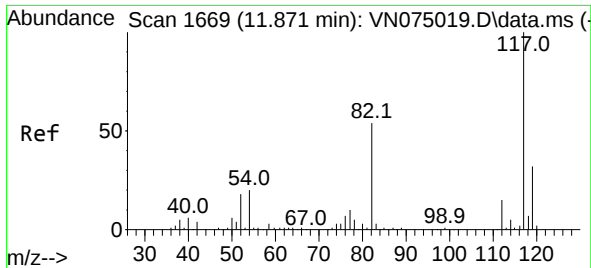
Tgt Ion: 98 Resp: 247933
Ion Ratio Lower Upper
98 100
100 65.3 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 48.629 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075071.D
Acq: 28 Oct 2022 19:24

Tgt Ion: 95 Resp: 78474
Ion Ratio Lower Upper
95 100
174 74.0 0.0 147.4
176 70.3 0.0 142.2

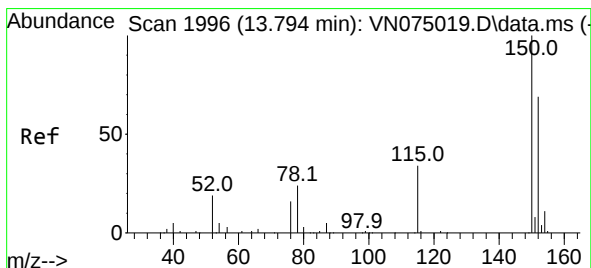
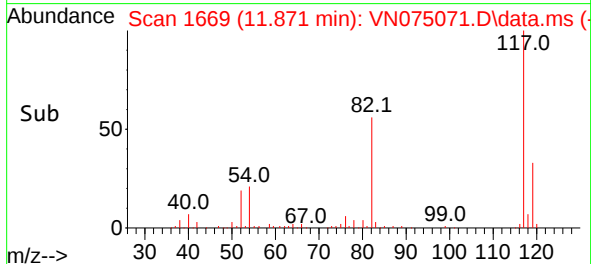
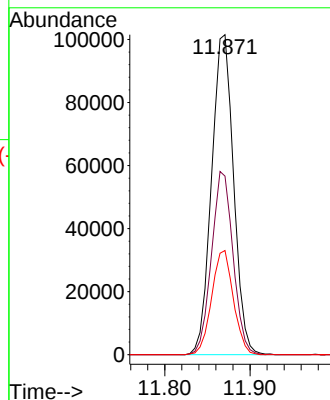
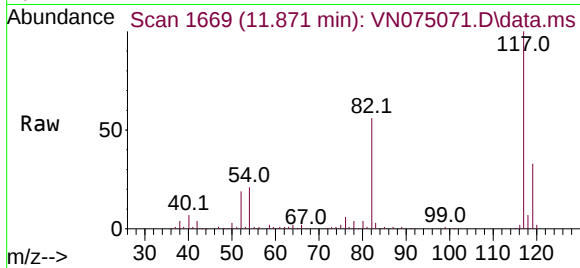




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VN075071.D
Acq: 28 Oct 2022 19:24

Instrument :
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Tgt Ion:117 Resp: 182068
Ion Ratio Lower Upper
117 100
82 55.8 43.1 64.7
119 32.5 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: VN075071.D
Acq: 28 Oct 2022 19:24

Tgt Ion:152 Resp: 69294
Ion Ratio Lower Upper
152 100
115 62.9 30.2 90.6
150 160.6 0.0 348.4

