

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102822\
 Data File : VN075073.D
 Acq On : 28 Oct 2022 20:12
 Operator : JC\MD
 Sample : N5316-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TCLP-VOC-GRAB-8-NE-QUARTER

Quant Time: Oct 31 03:10:32 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)

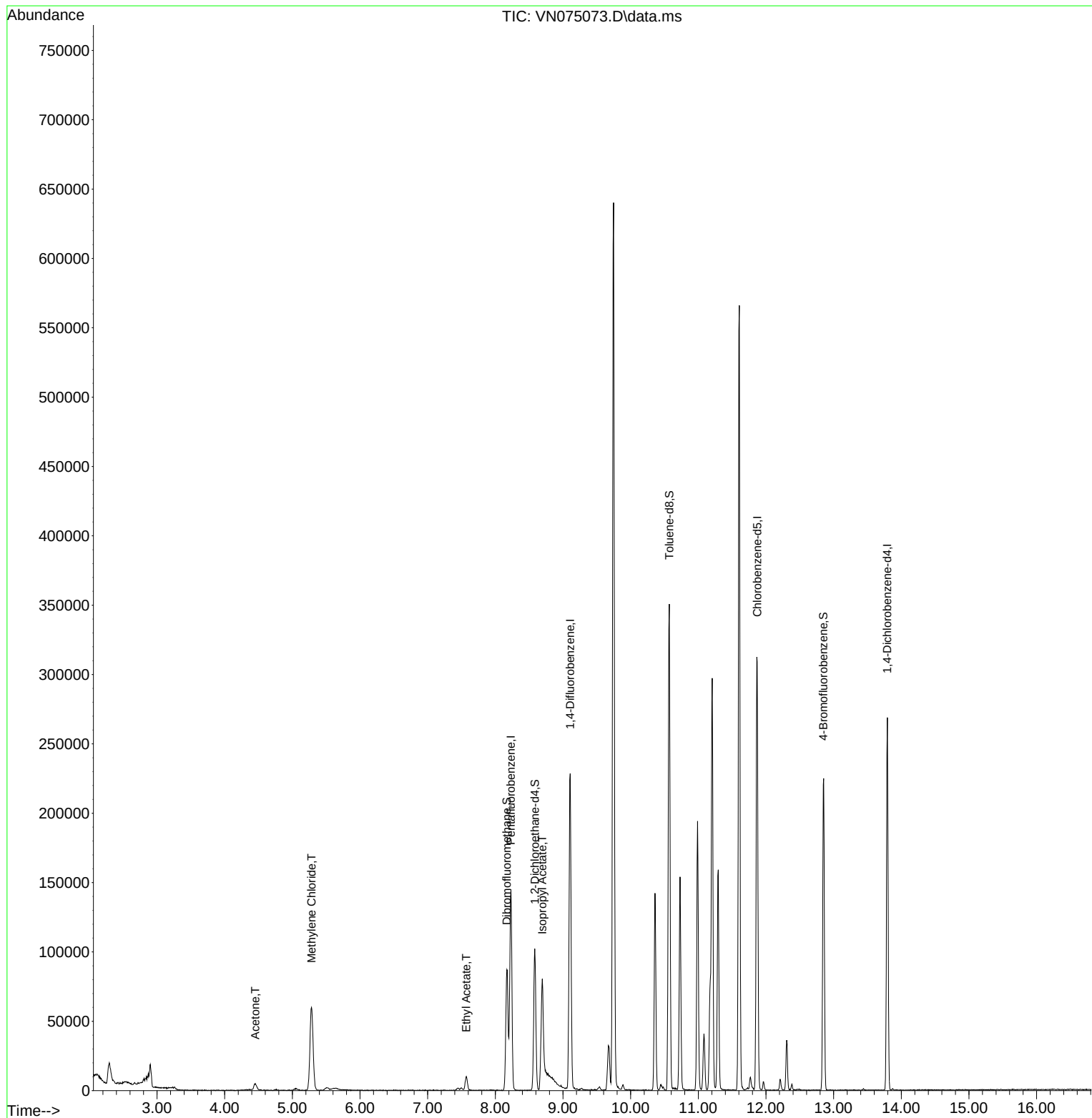
Internal Standards						
1) Pentafluorobenzene	8.230	168	101422	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	200074	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	181957	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	67868	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	82256	60.193	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 120.380%	
35) Dibromofluoromethane	8.171	113	63176	53.788	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.580%	
50) Toluene-d8	10.571	98	242430	53.201	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.400%	
62) 4-Bromofluorobenzene	12.847	95	77239	48.252	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.500%	
Target Compounds						
					Qvalue	
16) Acetone	4.453	43	9291	16.057	ug/l	100
20) Methylene Chloride	5.283	84	50664	39.270	ug/l	93
37) Ethyl Acetate	7.571	43	15135	7.590	ug/l	97
43) Isopropyl Acetate	8.694	43	99748	32.247	ug/l #	79

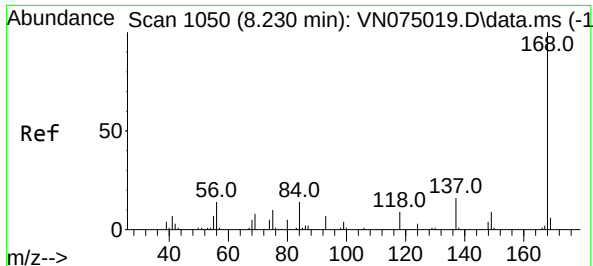
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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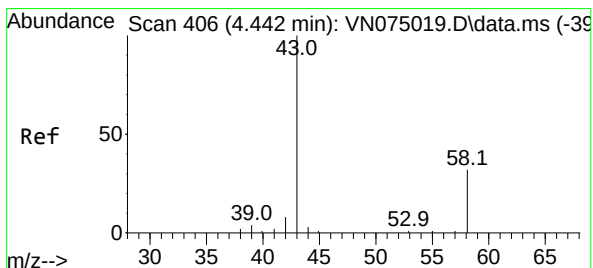
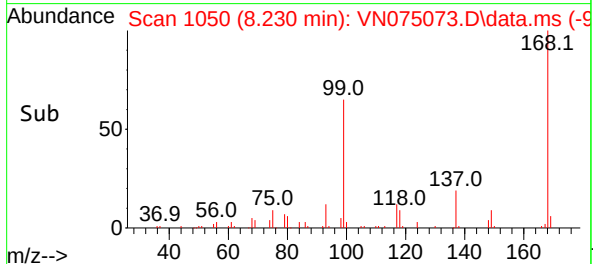
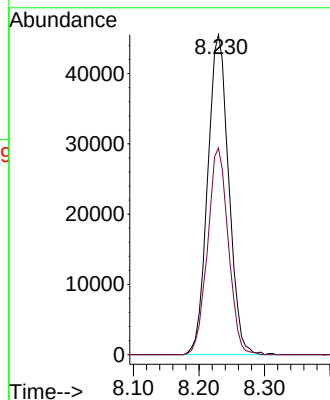
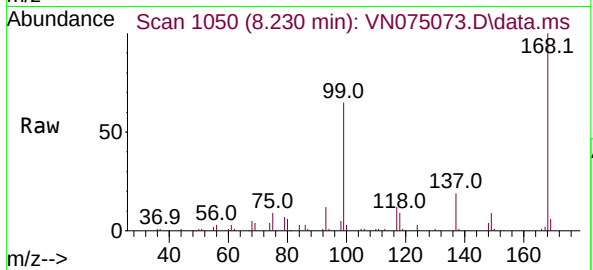




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075073.D
Acq: 28 Oct 2022 20:12

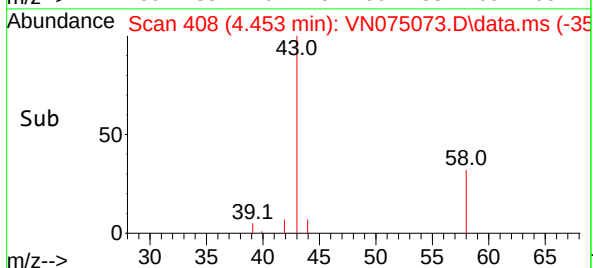
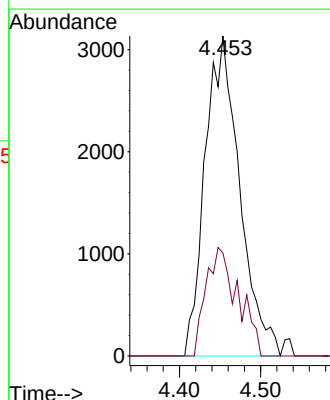
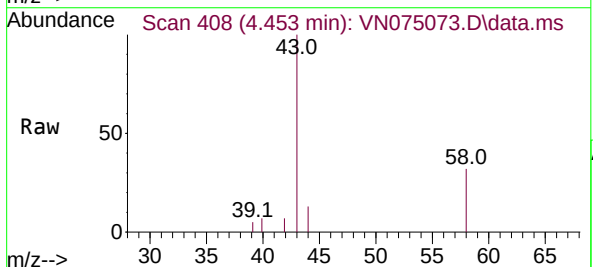
Instrument : MSVOA_N
ClientSampleId : TCLP-VOC-GRAB-8-NE-QUARTER

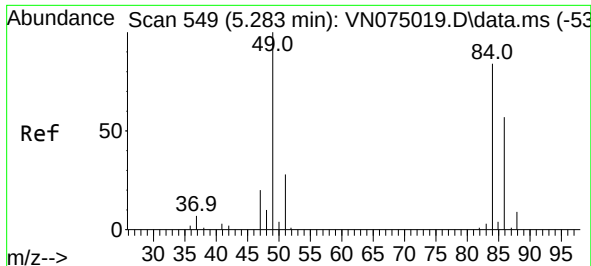
Tgt Ion:168 Resp: 101422
Ion Ratio Lower Upper
168 100
99 64.6 51.6 77.4



#16
Acetone
Concen: 16.057 ug/l
RT: 4.453 min Scan# 408
Delta R.T. 0.011 min
Lab File: VN075073.D
Acq: 28 Oct 2022 20:12

Tgt Ion: 43 Resp: 9291
Ion Ratio Lower Upper
43 100
58 32.1 25.5 38.3

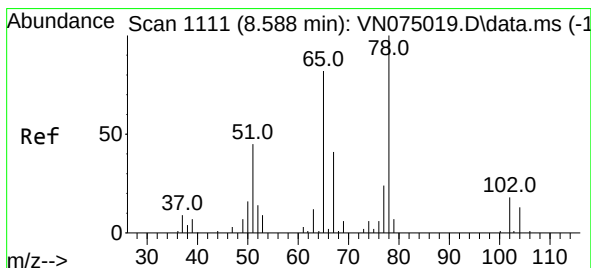
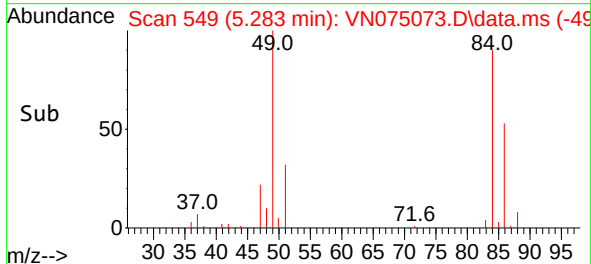
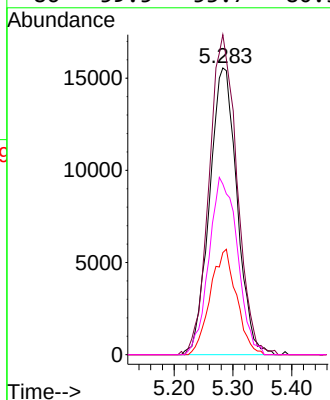
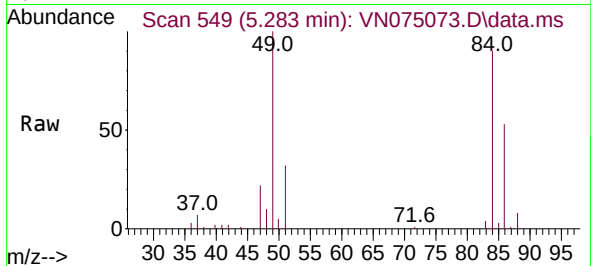




#20
Methylene Chloride
Concen: 39.270 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.000 min
Lab File: VN075073.D
Acq: 28 Oct 2022 20:12

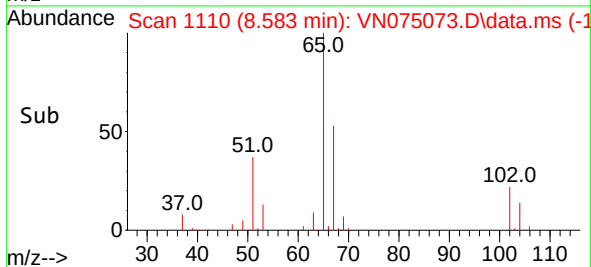
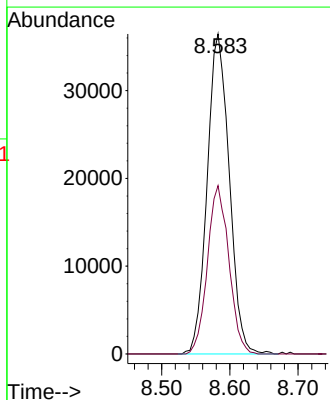
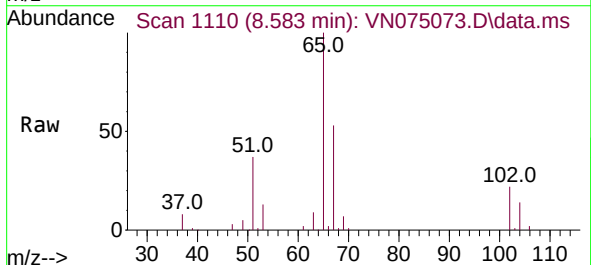
Instrument :
MSVOA_N
ClientSampleId :
TCLP-VOC-GRAB-8-NE-QUARTER

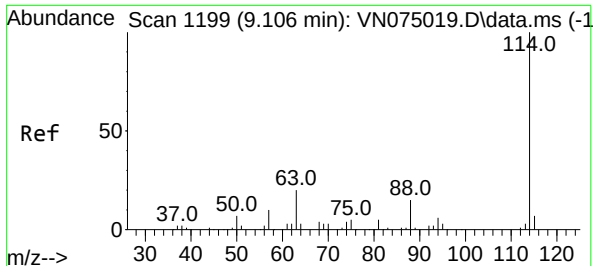
Tgt Ion: 84	Resp: 50664
Ion Ratio	Lower Upper
84 100	
49 111.6	94.9 142.3
51 35.6	26.8 40.2
86 59.5	53.7 80.5



#33
1,2-Dichloroethane-d4
Concen: 60.193 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. -0.005 min
Lab File: VN075073.D
Acq: 28 Oct 2022 20:12

Tgt Ion: 65	Resp: 82256
Ion Ratio	Lower Upper
65 100	
67 51.0	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: VN075073.D

Acq: 28 Oct 2022 20:12

Instrument :

MSVOA_N

ClientSampleId :

TCLP-VOC-GRAB-8-NE-QUARTER

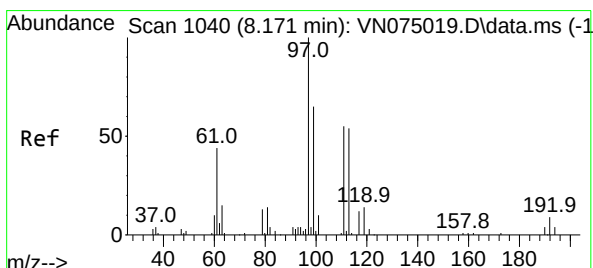
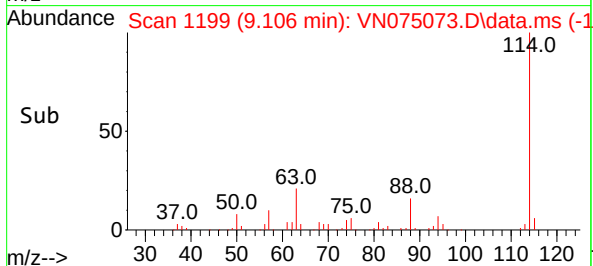
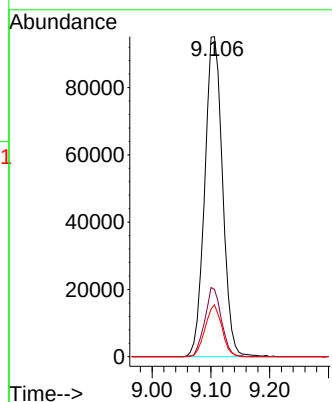
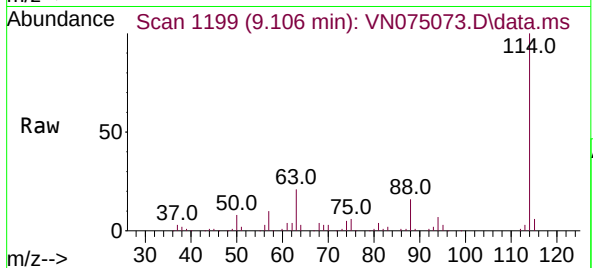
Tgt Ion:114 Resp: 200074

Ion Ratio Lower Upper

114 100

63 21.1 0.0 39.6

88 16.2 0.0 29.0



#35

Dibromofluoromethane

Concen: 53.788 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075073.D

Acq: 28 Oct 2022 20:12

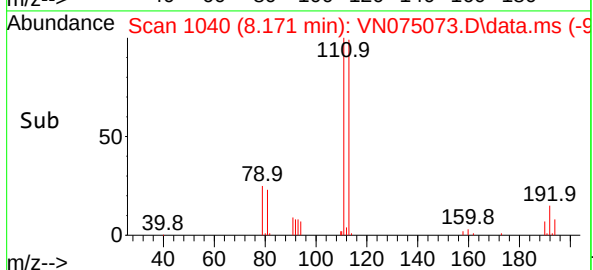
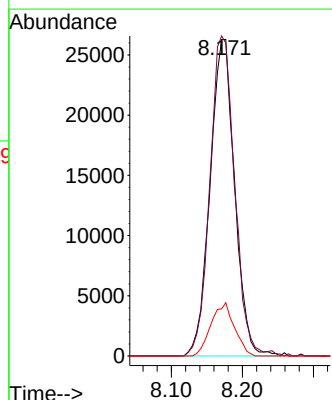
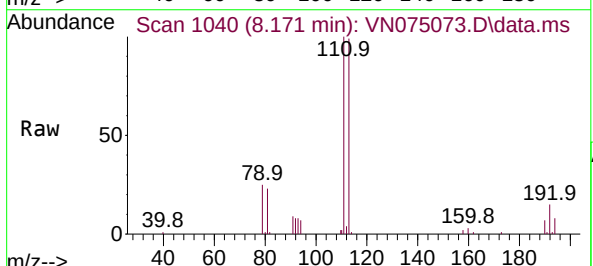
Tgt Ion:113 Resp: 63176

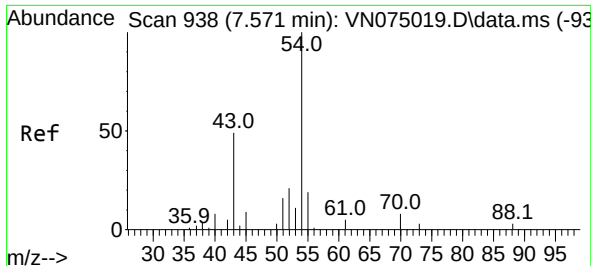
Ion Ratio Lower Upper

113 100

111 101.8 80.5 120.7

192 16.0 13.2 19.8

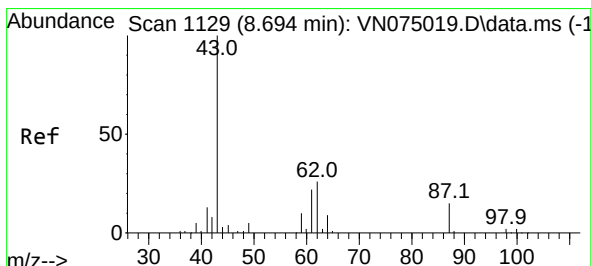
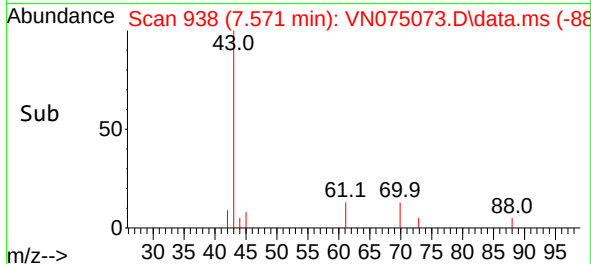
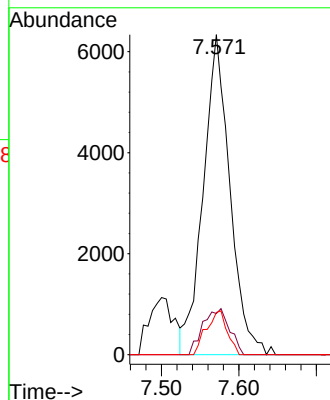
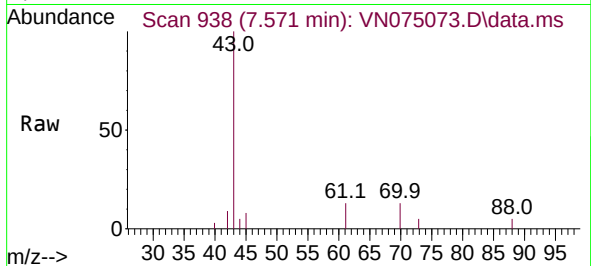




#37
Ethyl Acetate
Concen: 7.590 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075073.D
Acq: 28 Oct 2022 20:12

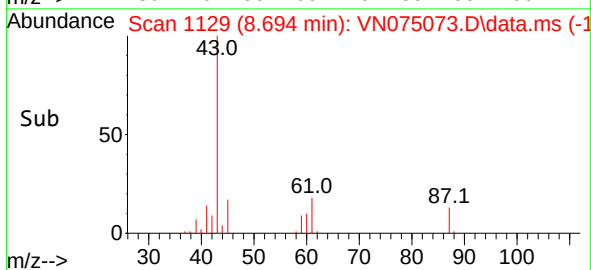
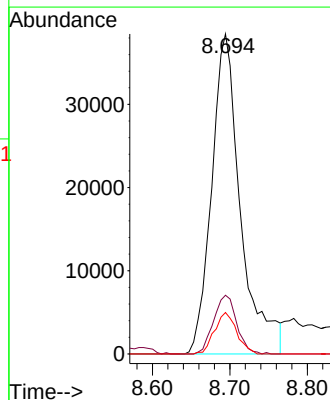
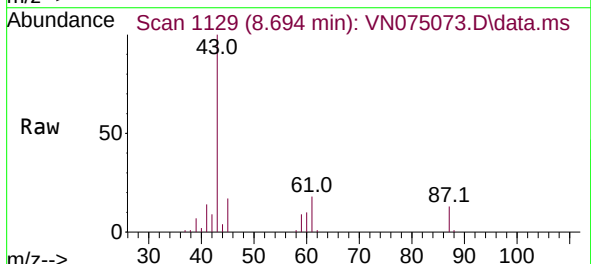
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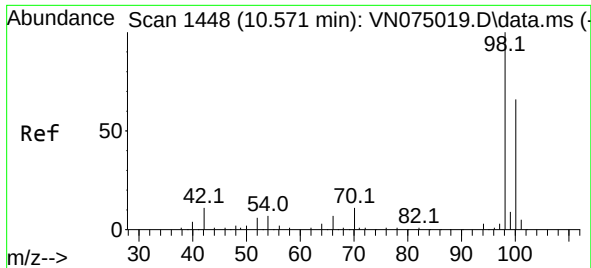
Tgt Ion:	43	Resp:	15135
Ion	Ratio	Lower	Upper
43	100		
61	14.3	12.2	18.4
70	10.6	9.4	14.2



#43
Isopropyl Acetate
Concen: 32.247 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075073.D
Acq: 28 Oct 2022 20:12

Tgt Ion:	43	Resp:	99748
Ion	Ratio	Lower	Upper
43	100		
61	14.7	22.4	33.6#
87	9.9	12.5	18.7#

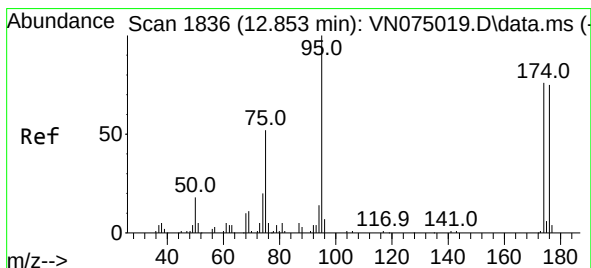
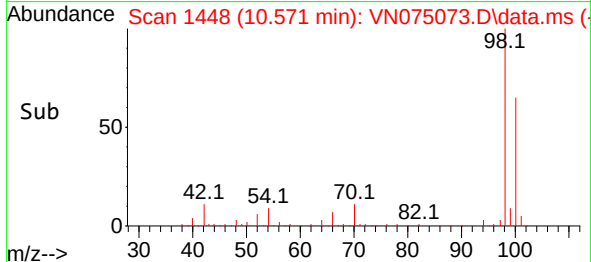
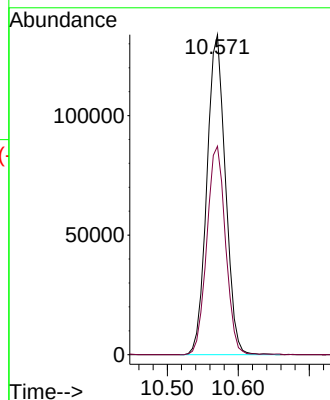
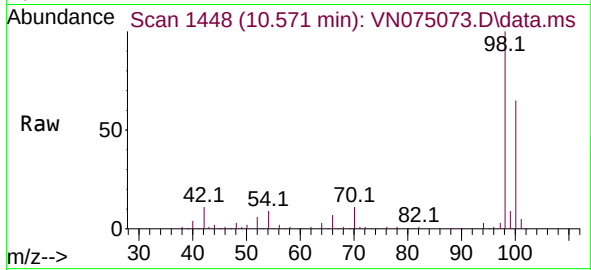




#50
Toluene-d8
Concen: 53.201 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075073.D
Acq: 28 Oct 2022 20:12

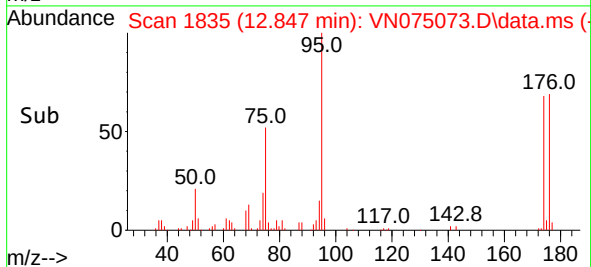
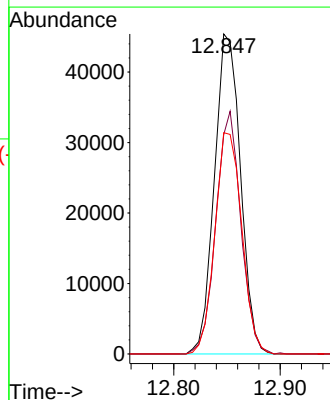
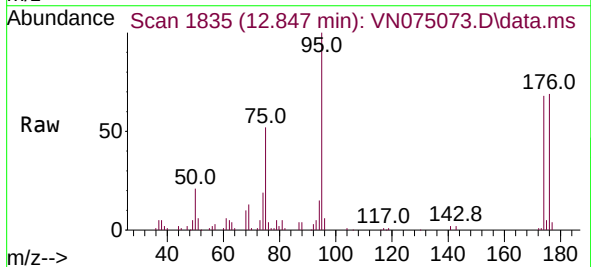
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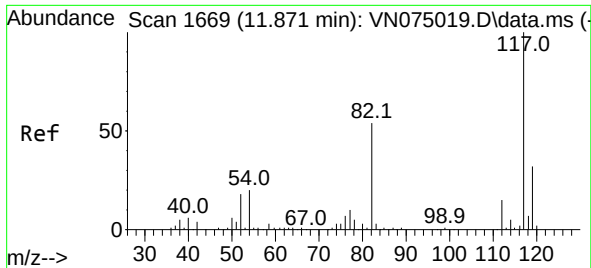
Tgt Ion: 98 Resp: 242430
Ion Ratio Lower Upper
98 100
100 65.8 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 48.252 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN075073.D
Acq: 28 Oct 2022 20:12

Tgt Ion: 95 Resp: 77239
Ion Ratio Lower Upper
95 100
174 72.5 0.0 147.4
176 71.3 0.0 142.2

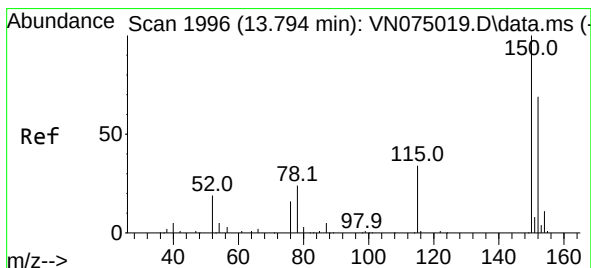
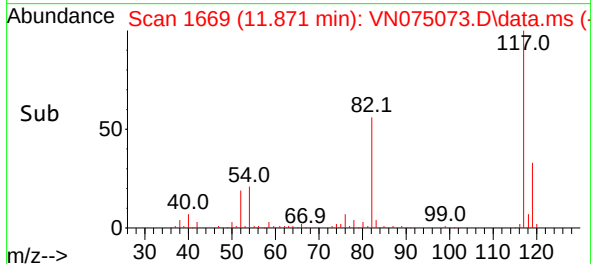
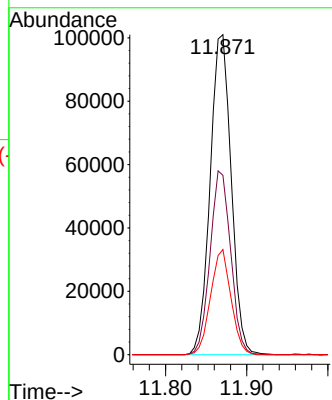
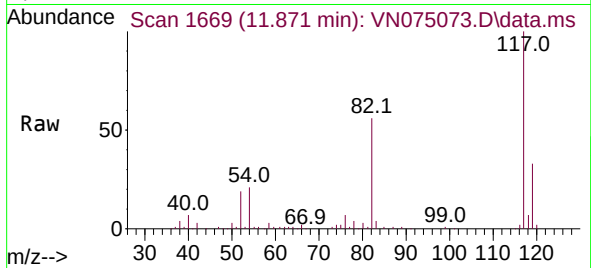




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN075073.D
Acq: 28 Oct 2022 20:12

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Tgt Ion:117 Resp: 181957
Ion Ratio Lower Upper
117 100
82 56.1 43.1 64.7
119 32.8 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: VN075073.D
Acq: 28 Oct 2022 20:12

Tgt Ion:152 Resp: 67868
Ion Ratio Lower Upper
152 100
115 63.4 30.2 90.6
150 162.7 0.0 348.4

