

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103122\
 Data File : VN075084.D
 Acq On : 31 Oct 2022 14:10
 Operator : JC\MD
 Sample : N5316-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TCLP-VOC-GRAB-3-PILE-2

Quant Time: Nov 01 06:16:24 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)

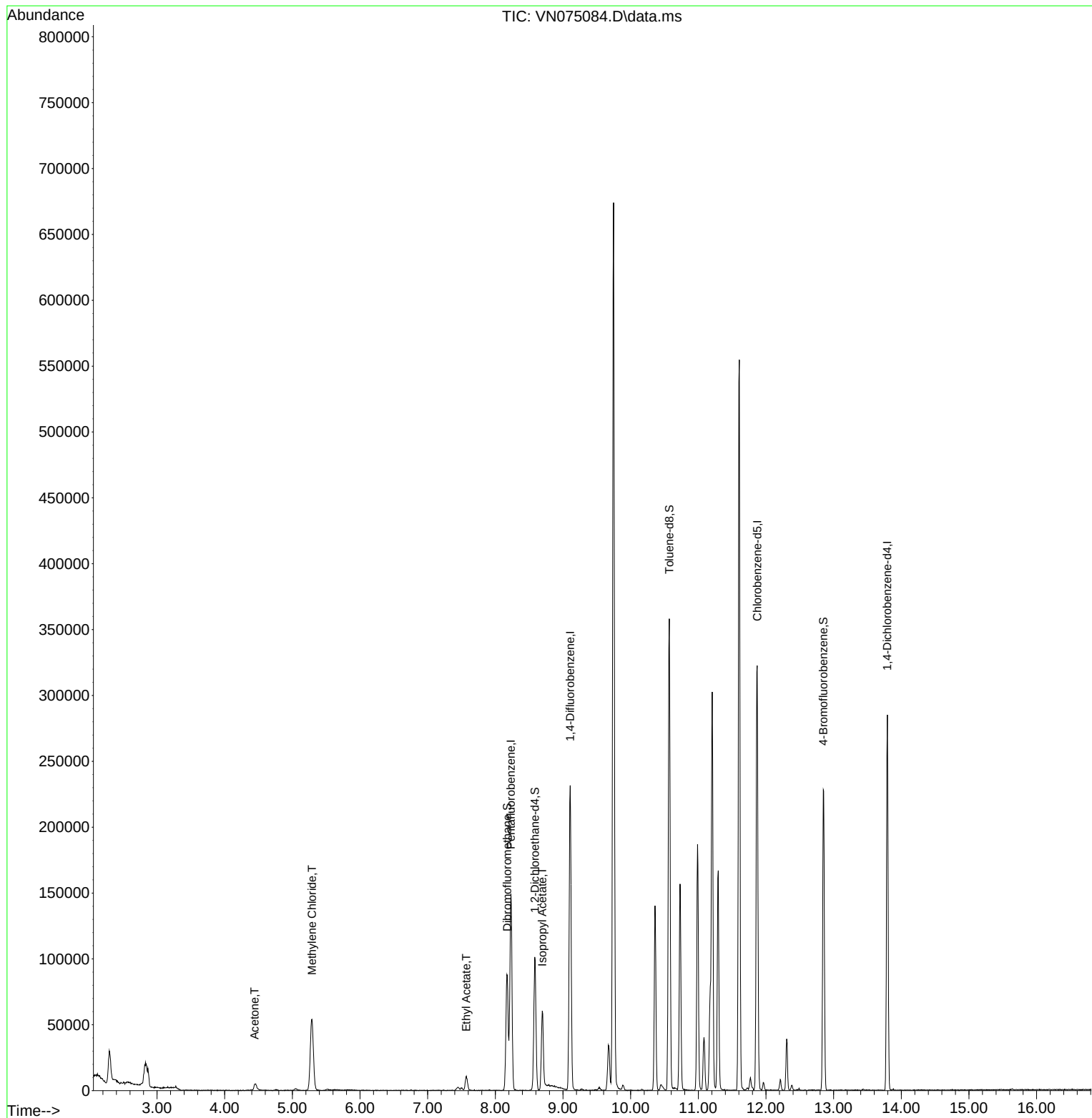
Internal Standards						
1) Pentafluorobenzene	8.230	168	102472	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	201589	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	186797	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	72417	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	83538	60.505	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 121.000%			
35) Dibromofluoromethane	8.177	113	64521	54.520	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.040%			
50) Toluene-d8	10.571	98	249120	54.258	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.520%			
62) 4-Bromofluorobenzene	12.847	95	80262	49.764	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.520%			
Target Compounds					Qvalue	
16) Acetone	4.442	43	10062	17.211	ug/l	97
20) Methylene Chloride	5.289	84	44605	34.220	ug/l	92
37) Ethyl Acetate	7.571	43	15517	7.723	ug/l	97
43) Isopropyl Acetate	8.694	43	68853	22.092	ug/l #	89

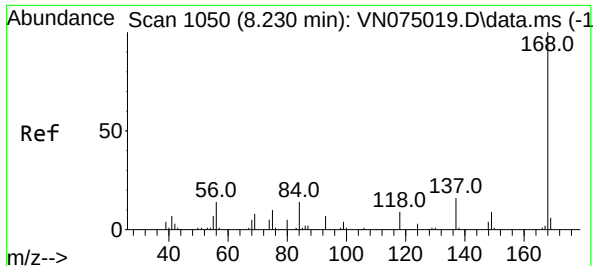
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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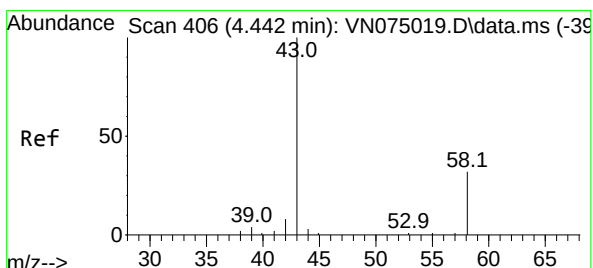
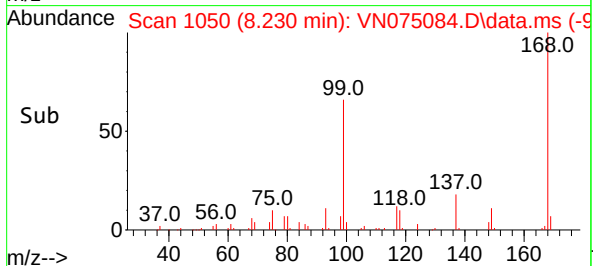
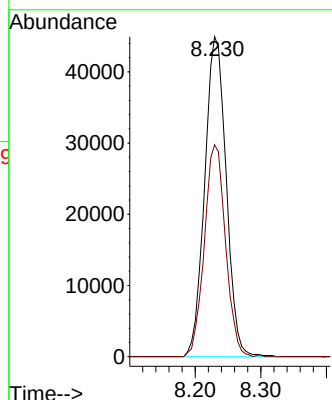
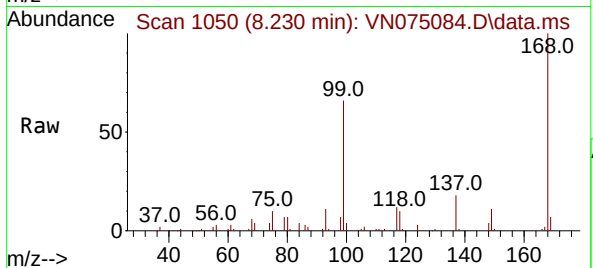




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075084.D
Acq: 31 Oct 2022 14:10

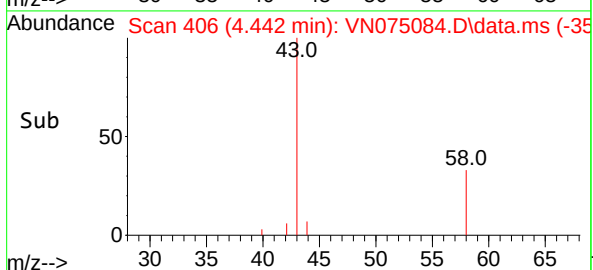
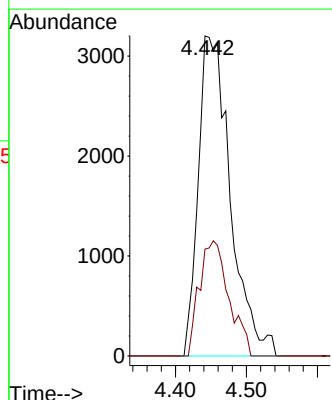
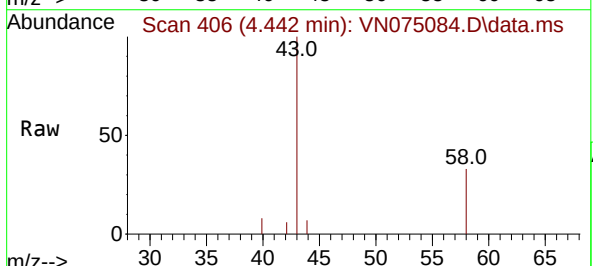
Instrument :
MSVOA_N
ClientSampleId :
TCLP-VOC-GRAB-3-PILE-2

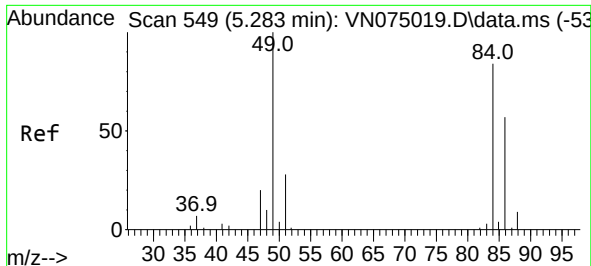
Tgt Ion:168 Resp: 102472
Ion Ratio Lower Upper
168 100
99 66.2 51.6 77.4



#16
Acetone
Concen: 17.211 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN075084.D
Acq: 31 Oct 2022 14:10

Tgt Ion: 43 Resp: 10062
Ion Ratio Lower Upper
43 100
58 33.4 25.5 38.3

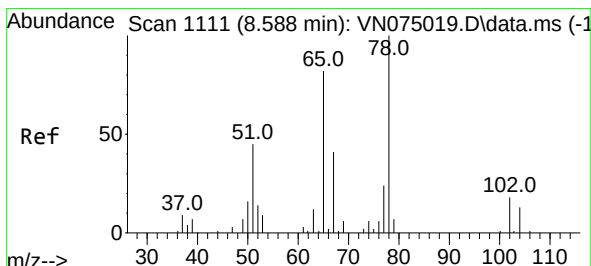
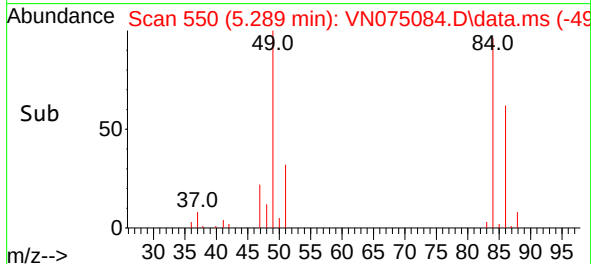
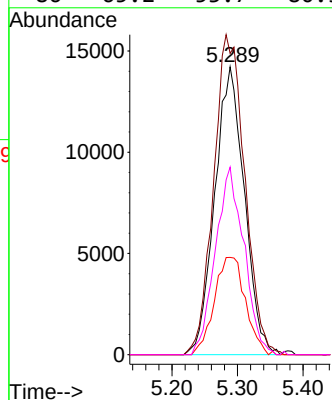
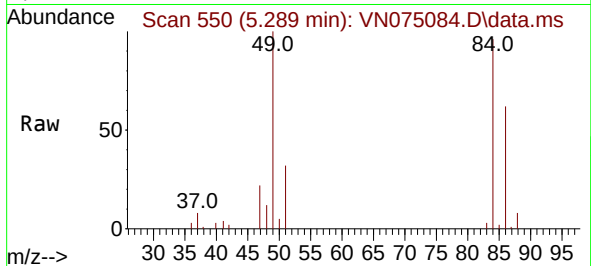




#20
Methylene Chloride
Concen: 34.220 ug/l
RT: 5.289 min Scan# 511
Delta R.T. 0.006 min
Lab File: VN075084.D
Acq: 31 Oct 2022 14:10

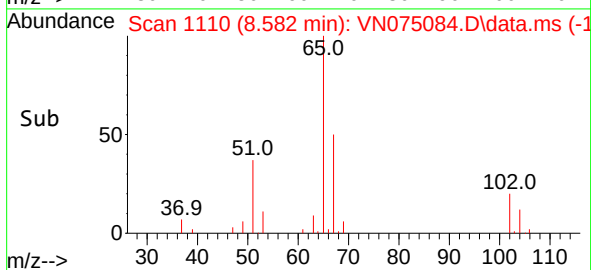
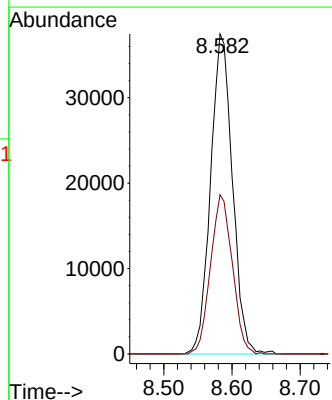
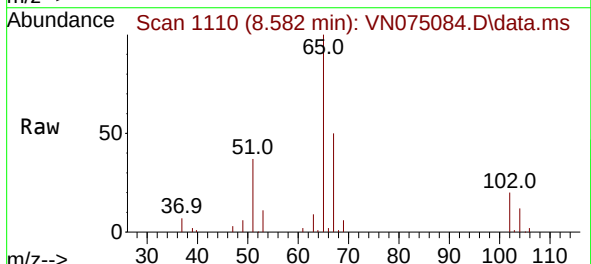
Instrument :
MSVOA_N
ClientSampleId :
TCLP-VOC-GRAB-3-PILE-2

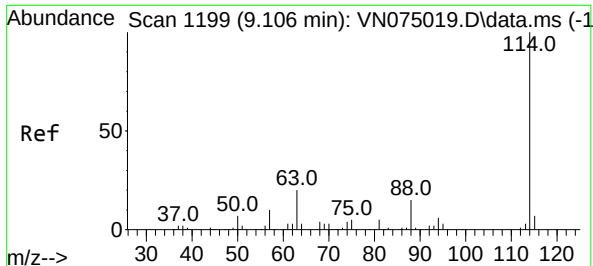
Tgt Ion: 84	Resp: 44605
Ion Ratio	Lower Upper
84	100
49	104.7 94.9 142.3
51	33.8 26.8 40.2
86	65.2 53.7 80.5



#33
1,2-Dichloroethane-d4
Concen: 60.505 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.006 min
Lab File: VN075084.D
Acq: 31 Oct 2022 14:10

Tgt Ion: 65	Resp: 83538
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: VN075084.D

Acq: 31 Oct 2022 14:10

Instrument :

MSVOA_N

ClientSampleId :

TCLP-VOC-GRAB-3-PILE-2

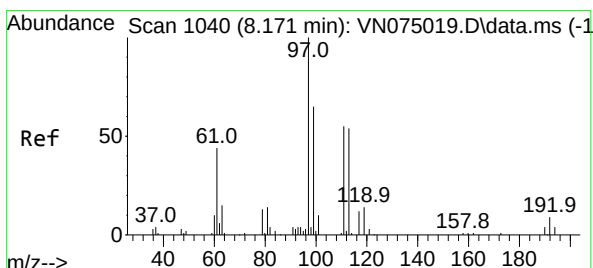
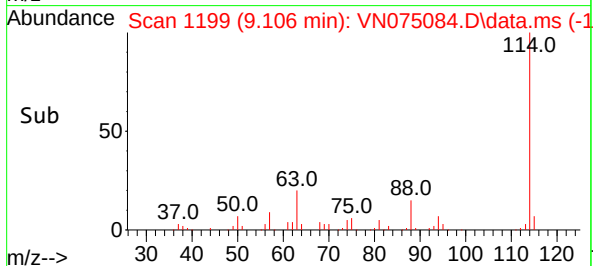
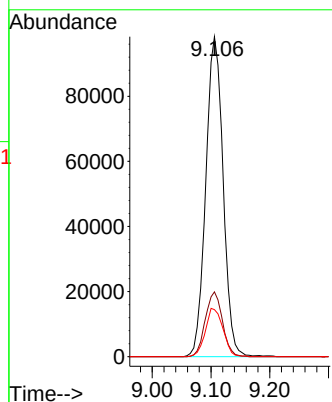
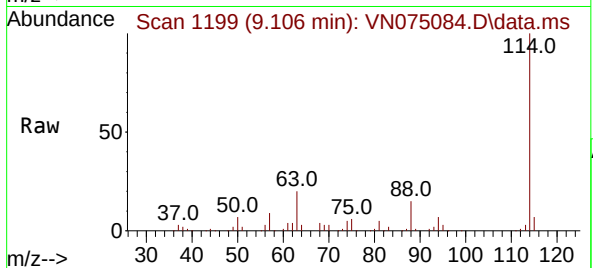
Tgt Ion:114 Resp: 201589

Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.6

88 14.7 0.0 29.0



#35

Dibromofluoromethane

Concen: 54.520 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075084.D

Acq: 31 Oct 2022 14:10

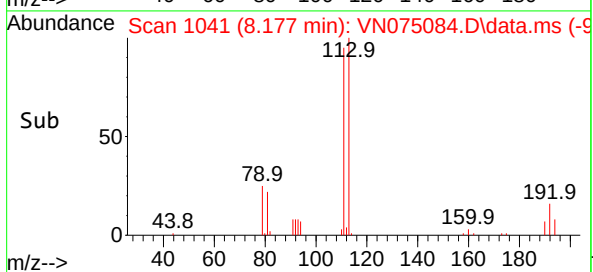
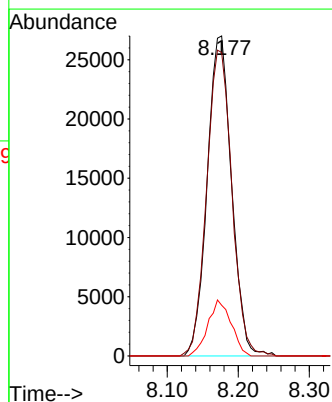
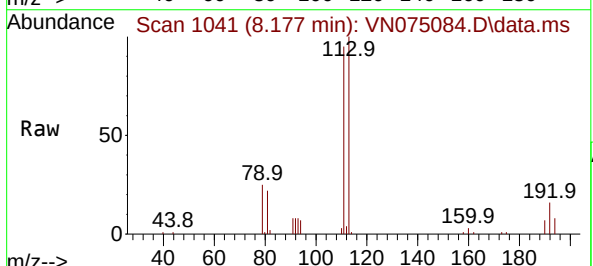
Tgt Ion:113 Resp: 64521

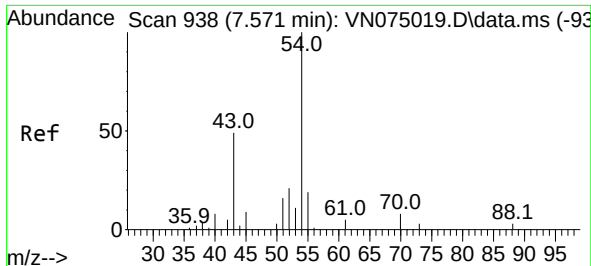
Ion Ratio Lower Upper

113 100

111 98.6 80.5 120.7

192 16.7 13.2 19.8

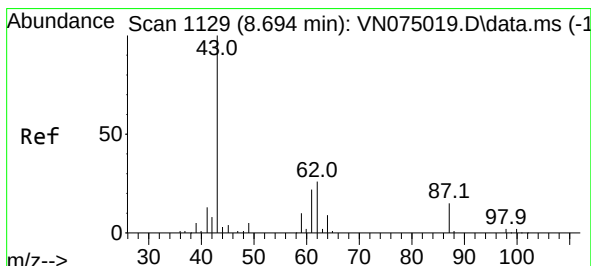
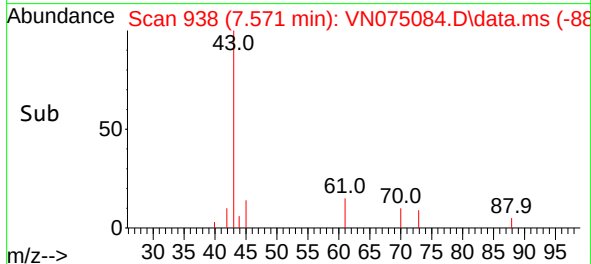
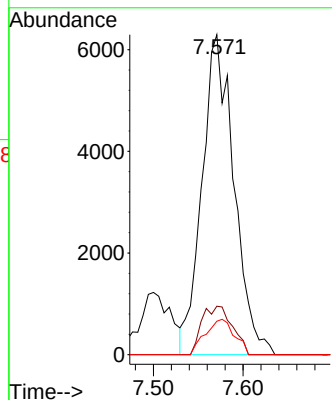
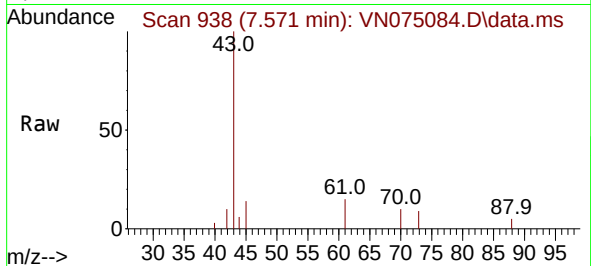




#37
Ethyl Acetate
Concen: 7.723 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075084.D
Acq: 31 Oct 2022 14:10

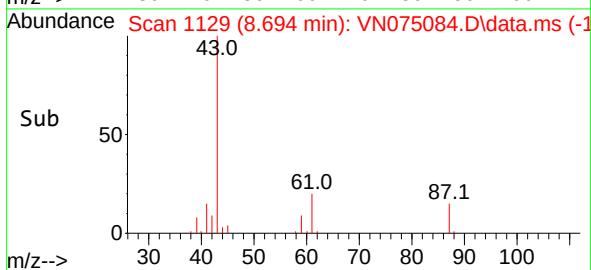
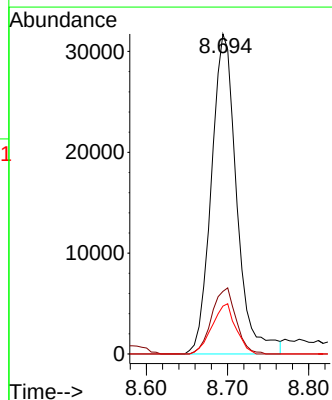
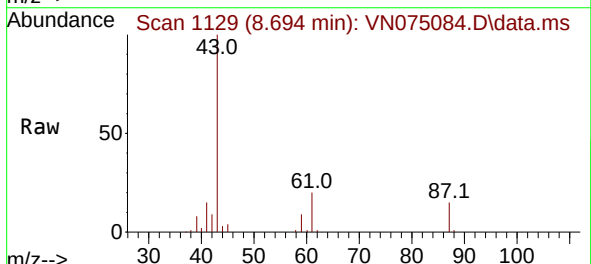
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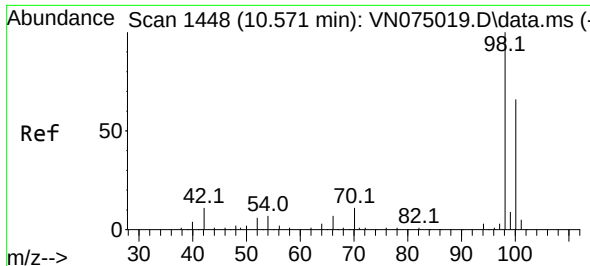
Tgt Ion:	43	Resp:	15517
Ion	Ratio	Lower	Upper
43	100		
61	14.5	12.2	18.4
70	10.1	9.4	14.2



#43
Isopropyl Acetate
Concen: 22.092 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075084.D
Acq: 31 Oct 2022 14:10

Tgt Ion:	43	Resp:	68853
Ion	Ratio	Lower	Upper
43	100		
61	19.7	22.4	33.6#
87	14.7	12.5	18.7

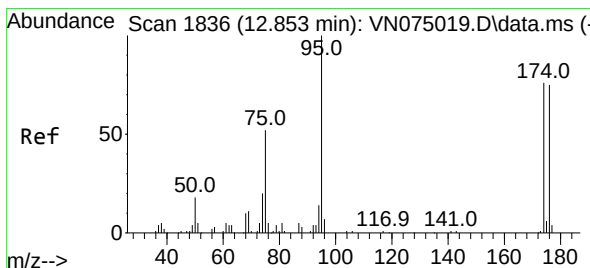
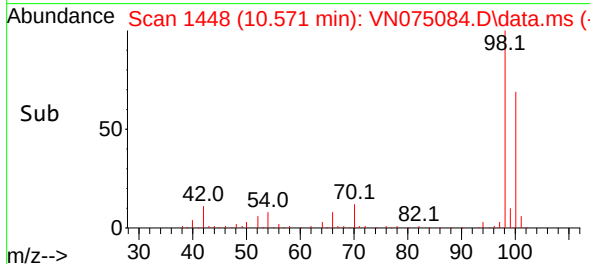
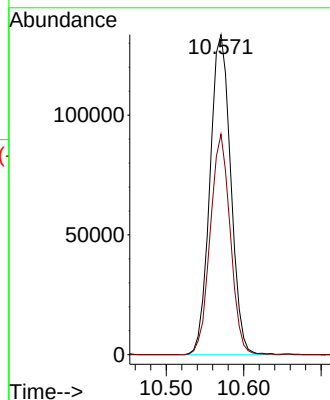
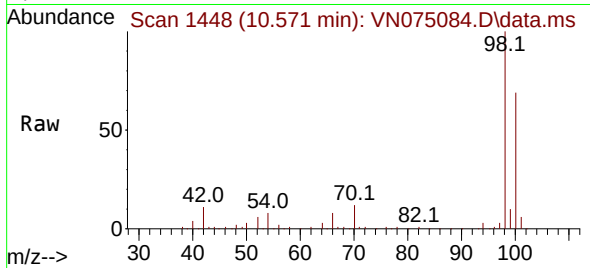




#50
Toluene-d8
Concen: 54.258 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075084.D
Acq: 31 Oct 2022 14:10

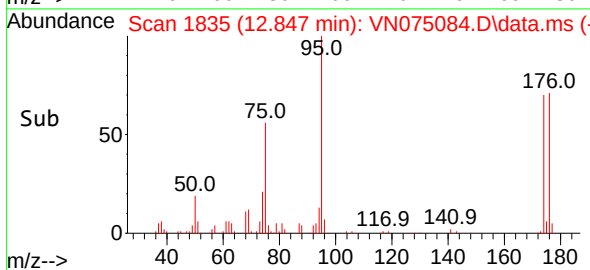
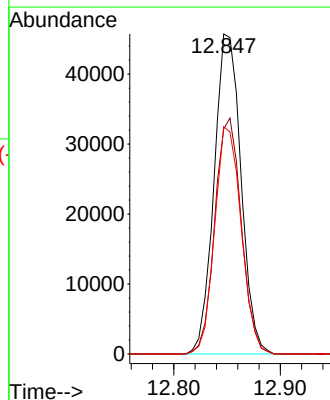
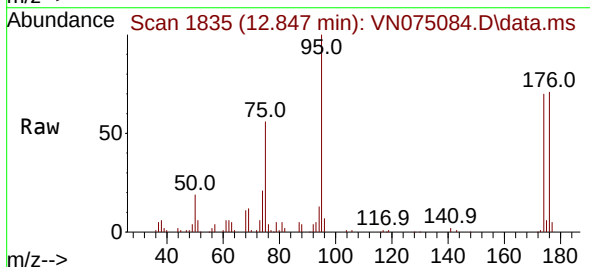
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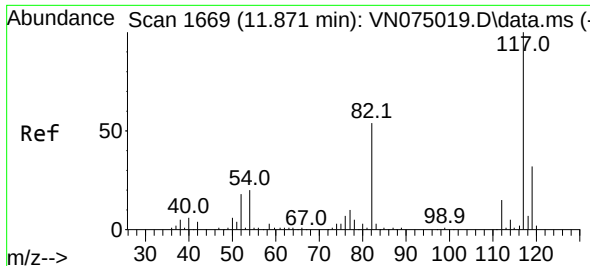
Tgt Ion: 98 Resp: 249120
Ion Ratio Lower Upper
98 100
100 66.3 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 49.764 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN075084.D
Acq: 31 Oct 2022 14:10

Tgt Ion: 95 Resp: 80262
Ion Ratio Lower Upper
95 100
174 72.3 0.0 147.4
176 70.0 0.0 142.2

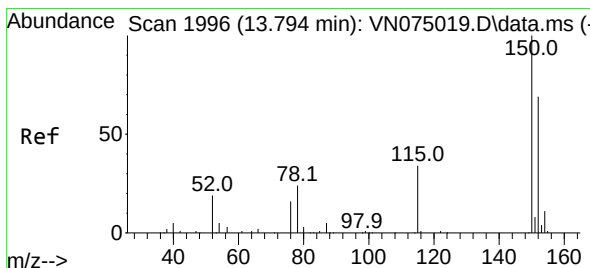
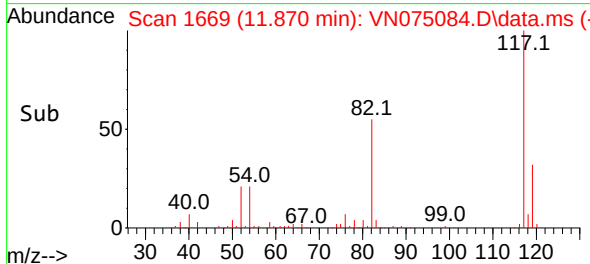
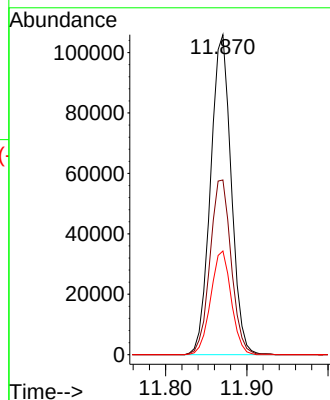
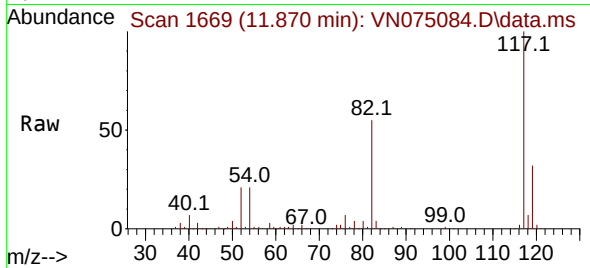




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. -0.001 min
Lab File: VN075084.D
Acq: 31 Oct 2022 14:10

Instrument :
MSVOA_N
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TCLP-VOC-GRAB-3-PILE-2

Tgt Ion:117 Resp: 186797
Ion Ratio Lower Upper
117 100
82 54.6 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: VN075084.D
Acq: 31 Oct 2022 14:10

Tgt Ion:152 Resp: 72417
Ion Ratio Lower Upper
152 100
115 63.0 30.2 90.6
150 157.9 0.0 348.4

