

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102822\
 Data File : VN075068.D
 Acq On : 28 Oct 2022 18:12
 Operator : JC\MD
 Sample : N5313-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMPOSITE-NW-QUARTER

Quant Time: Oct 31 03:09:38 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)

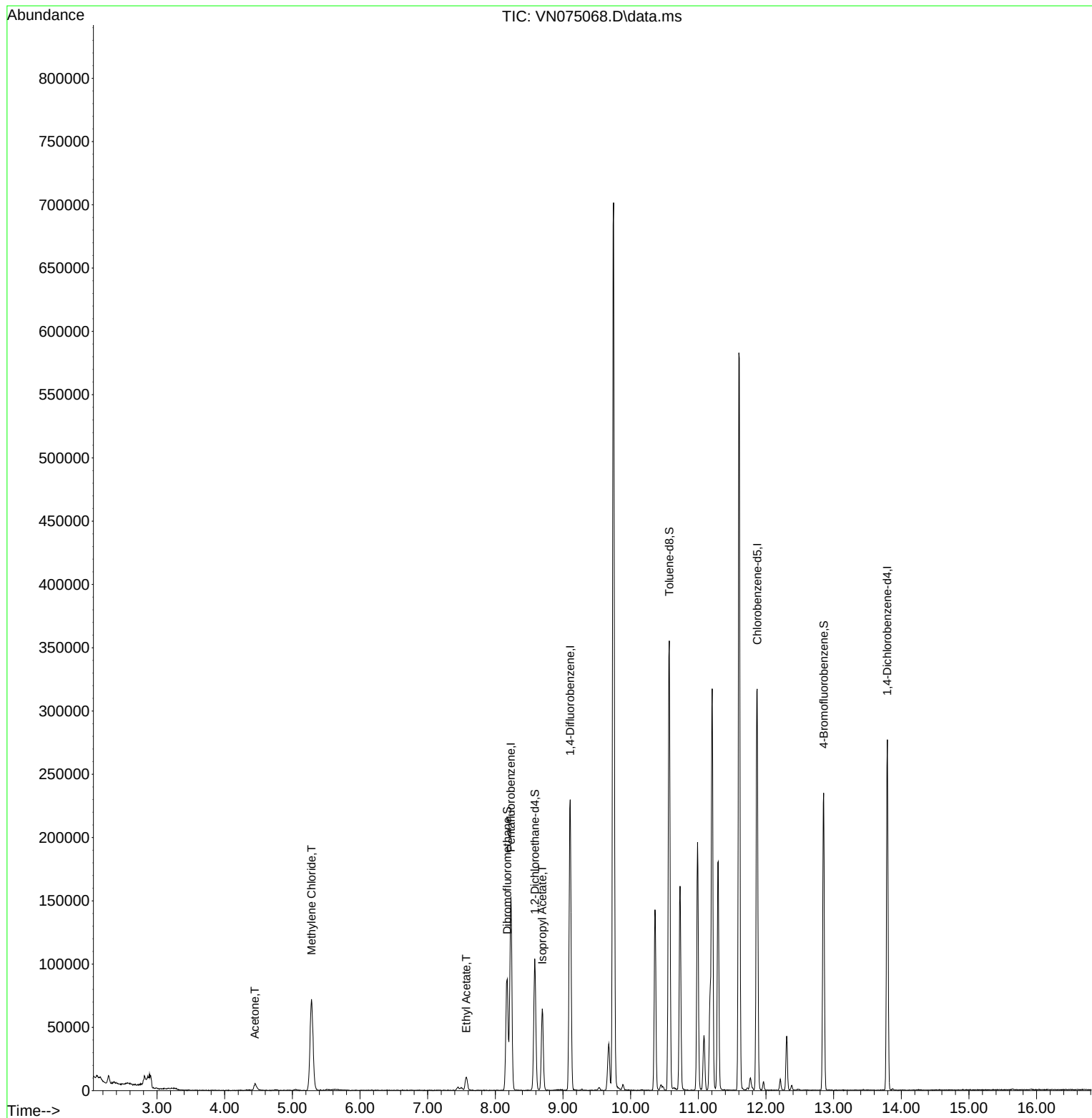
Internal Standards						
1) Pentafluorobenzene	8.230	168	105113	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	200523	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	185467	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	71903	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	83705	59.102	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	118.200%
35) Dibromofluoromethane	8.177	113	63996	54.364	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.720%
50) Toluene-d8	10.571	98	249933	54.725	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	109.440%
62) 4-Bromofluorobenzene	12.853	95	78658	49.028	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.060%
Target Compounds						
						Qvalue
16) Acetone	4.447	43	10134	16.899	ug/l	97
20) Methylene Chloride	5.283	84	59044	44.159	ug/l	95
37) Ethyl Acetate	7.571	43	16341	8.176	ug/l	98
43) Isopropyl Acetate	8.694	43	70203	22.645	ug/l #	91

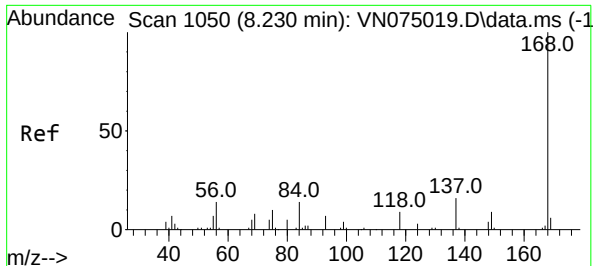
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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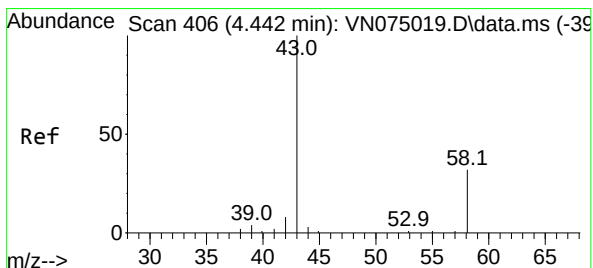
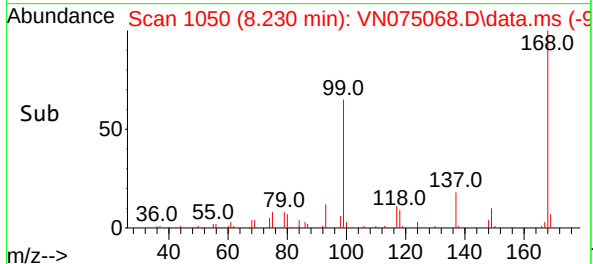
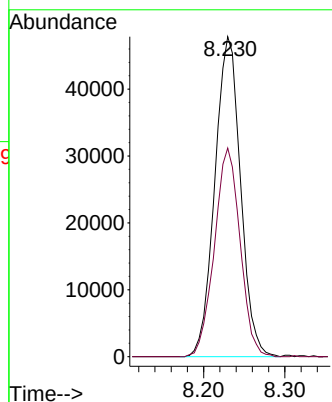
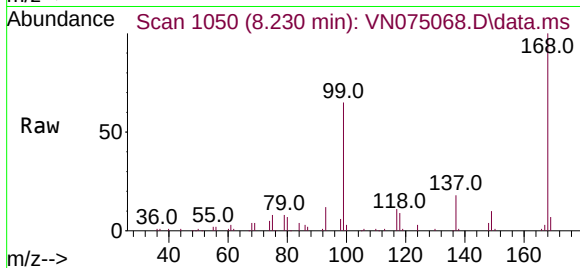




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075068.D
Acq: 28 Oct 2022 18:12

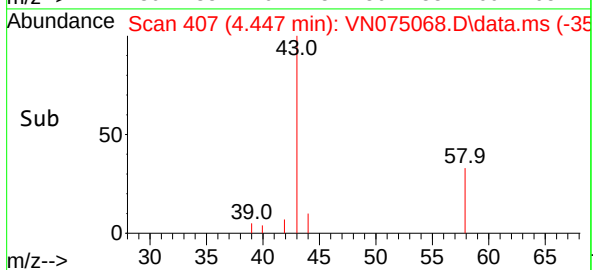
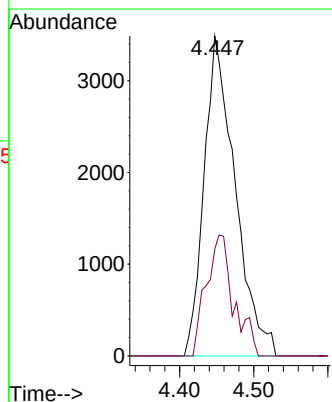
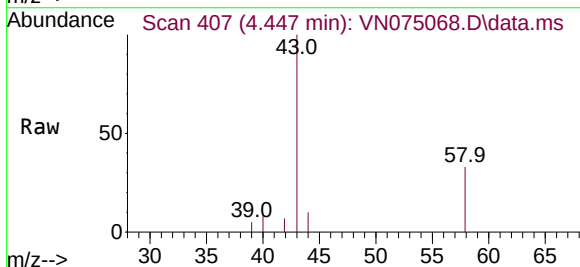
Instrument :
MSVOA_N
ClientSampleId :
COMPOSITE-NW-QUARTER

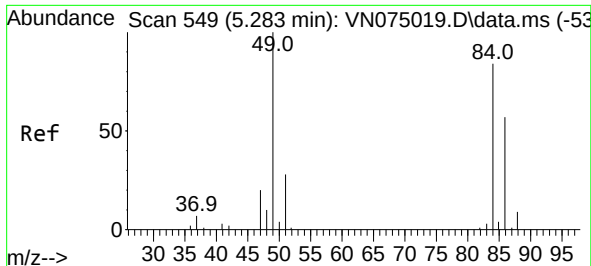
Tgt Ion:168 Resp: 105113
Ion Ratio Lower Upper
168 100
99 65.2 51.6 77.4



#16
Acetone
Concen: 16.899 ug/l
RT: 4.447 min Scan# 407
Delta R.T. 0.005 min
Lab File: VN075068.D
Acq: 28 Oct 2022 18:12

Tgt Ion: 43 Resp: 10134
Ion Ratio Lower Upper
43 100
58 33.4 25.5 38.3

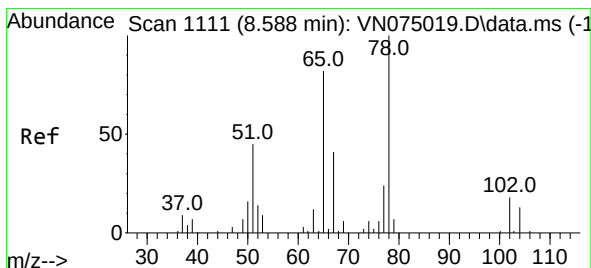
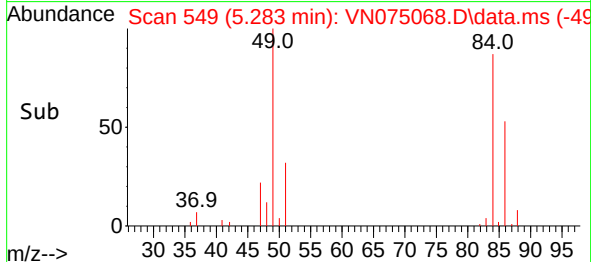
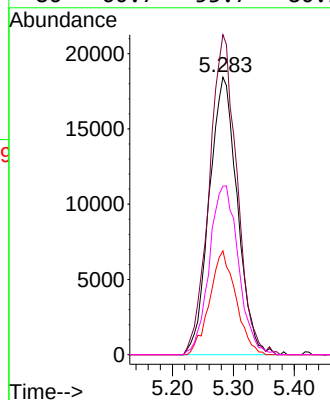
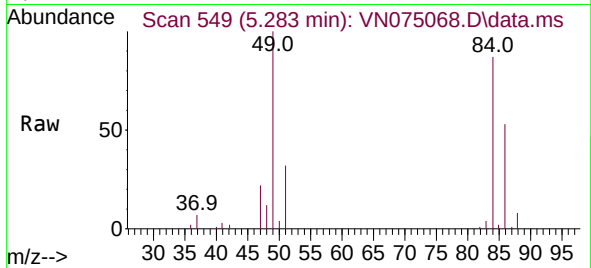




#20
Methylene Chloride
Concen: 44.159 ug/l
RT: 5.283 min Scan# 54
Delta R.T. -0.000 min
Lab File: VN075068.D
Acq: 28 Oct 2022 18:12

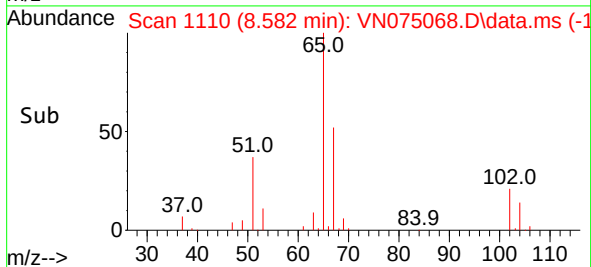
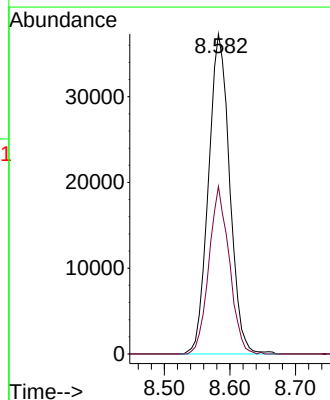
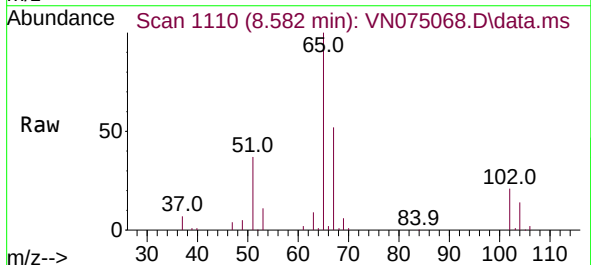
Instrument :
MSVOA_N
ClientSampleId :
COMPOSITE-NW-QUARTER

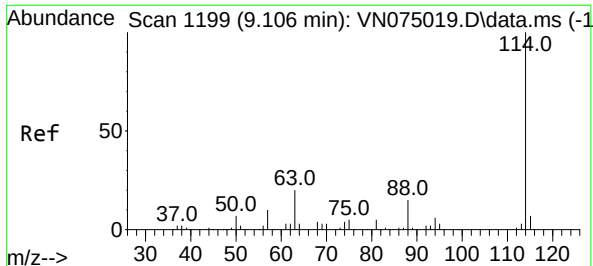
Tgt Ion:	84	Resp:	59044
Ion	Ratio	Lower	Upper
84	100		
49	115.3	94.9	142.3
51	37.4	26.8	40.2
86	60.7	53.7	80.5



#33
1,2-Dichloroethane-d4
Concen: 59.102 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.006 min
Lab File: VN075068.D
Acq: 28 Oct 2022 18:12

Tgt Ion:	65	Resp:	83705
Ion	Ratio	Lower	Upper
65	100		
67	50.3	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: VN075068.D

Acq: 28 Oct 2022 18:12

Instrument :

MSVOA_N

ClientSampleId :

COMPOSITE-NW-QUARTER

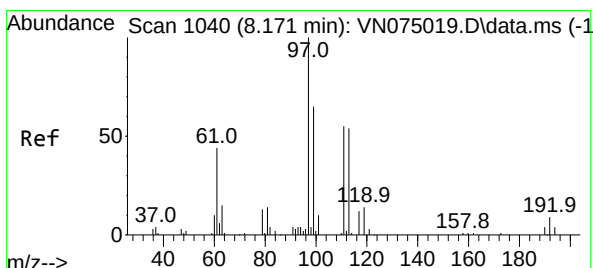
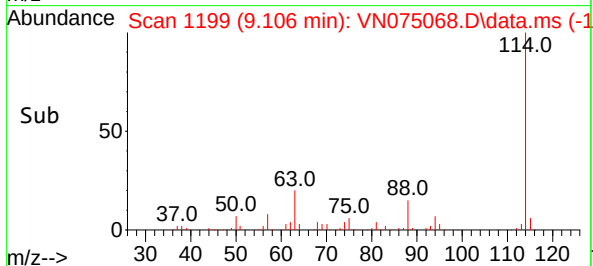
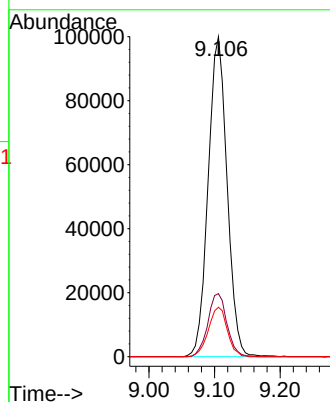
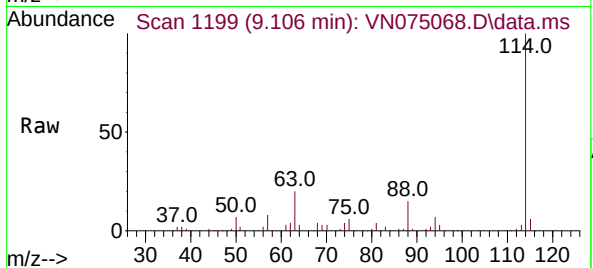
Tgt Ion:114 Resp: 200523

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.6

88 15.5 0.0 29.0



#35

Dibromofluoromethane

Concen: 54.364 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075068.D

Acq: 28 Oct 2022 18:12

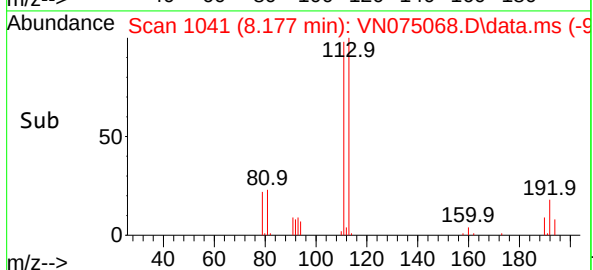
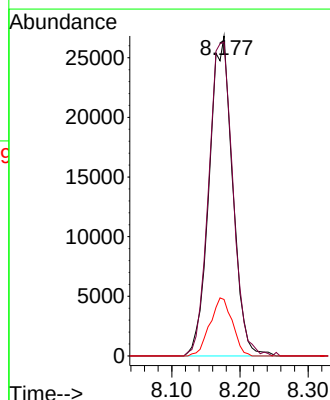
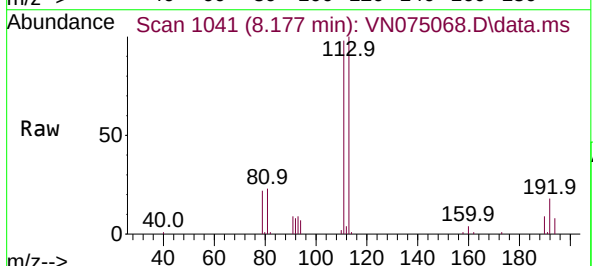
Tgt Ion:113 Resp: 63996

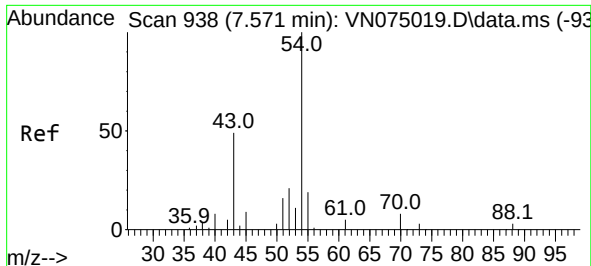
Ion Ratio Lower Upper

113 100

111 101.7 80.5 120.7

192 17.4 13.2 19.8





#37

Ethyl Acetate

Concen: 8.176 ug/l

RT: 7.571 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN075068.D

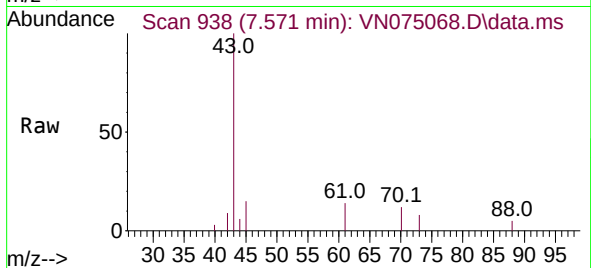
Acq: 28 Oct 2022 18:12

Instrument :

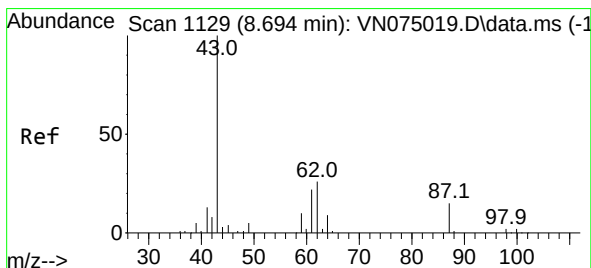
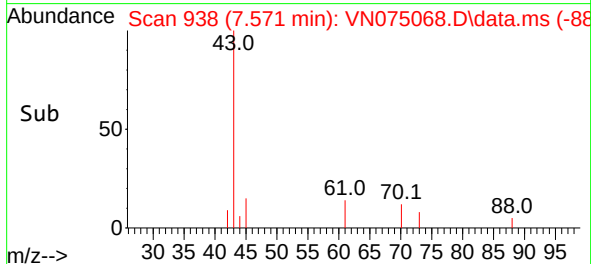
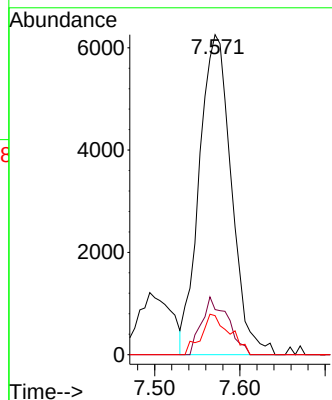
MSVOA_N

ClientSampleId :

COMPOSITE-NW-QUARTER



Tgt Ion:	43	Resp:	16341
Ion	Ratio	Lower	Upper
43	100		
61	14.7	12.2	18.4
70	11.1	9.4	14.2



#43

Isopropyl Acetate

Concen: 22.645 ug/l

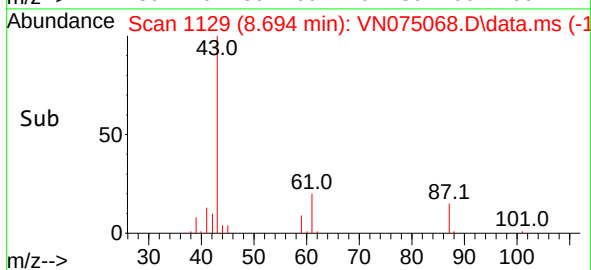
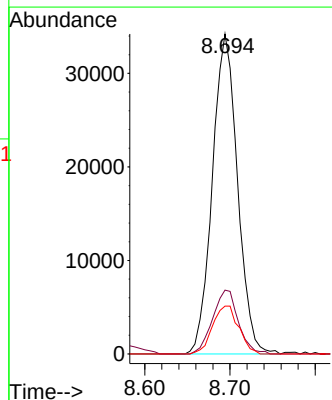
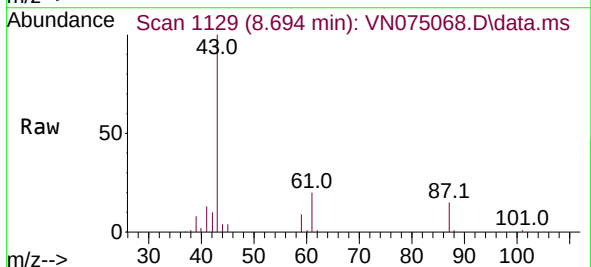
RT: 8.694 min Scan# 1129

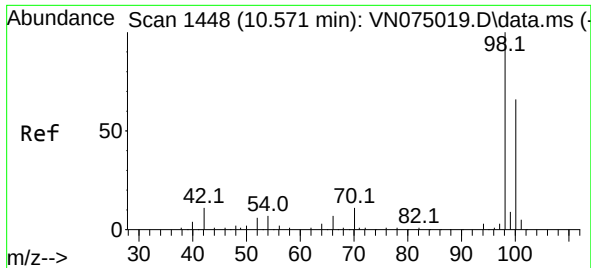
Delta R.T. 0.000 min

Lab File: VN075068.D

Acq: 28 Oct 2022 18:12

Tgt Ion:	43	Resp:	70203
Ion	Ratio	Lower	Upper
43	100		
61	20.3	22.4	33.6#
87	15.5	12.5	18.7

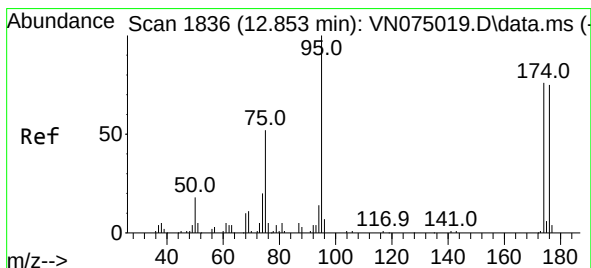
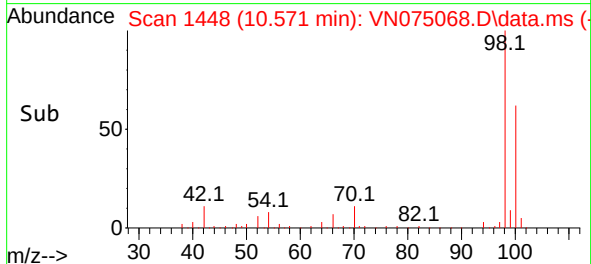
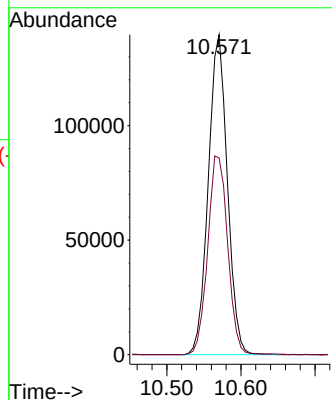
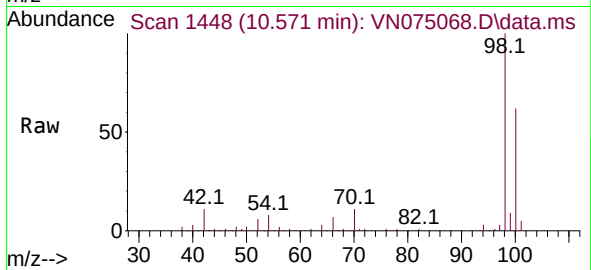




#50
Toluene-d8
Concen: 54.725 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075068.D
Acq: 28 Oct 2022 18:12

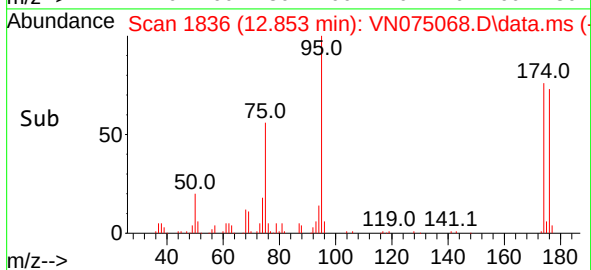
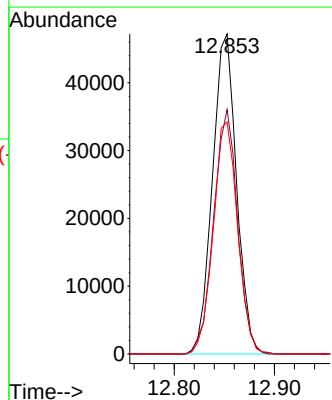
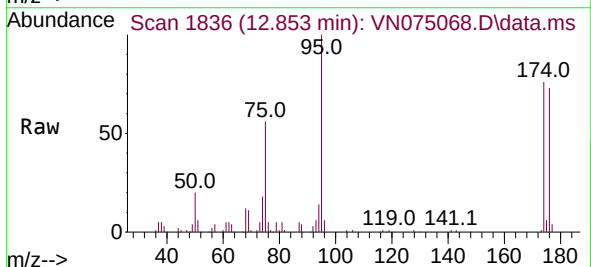
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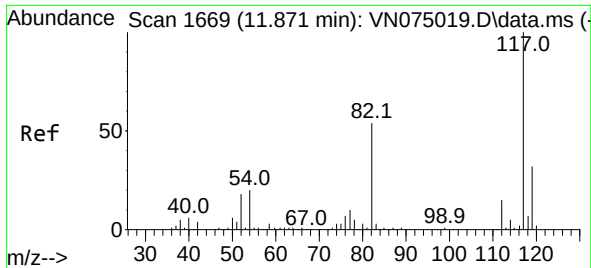
Tgt Ion: 98 Resp: 249933
Ion Ratio Lower Upper
98 100
100 64.8 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 49.028 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075068.D
Acq: 28 Oct 2022 18:12

Tgt Ion: 95 Resp: 78658
Ion Ratio Lower Upper
95 100
174 75.8 0.0 147.4
176 73.6 0.0 142.2

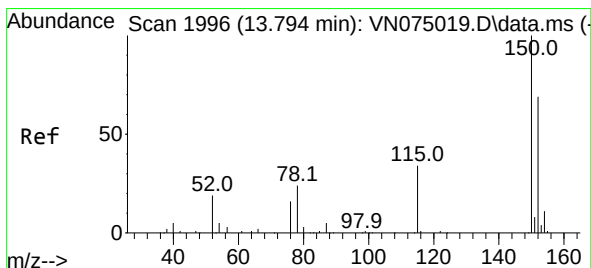
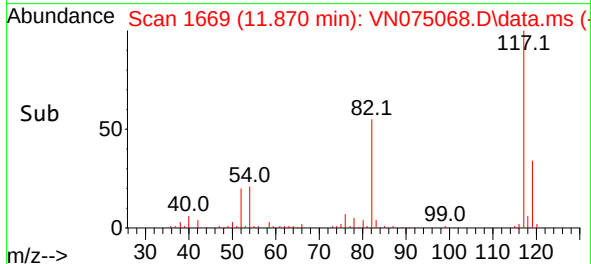
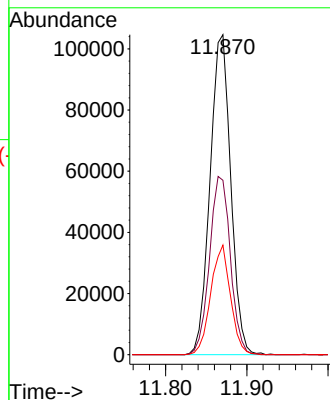
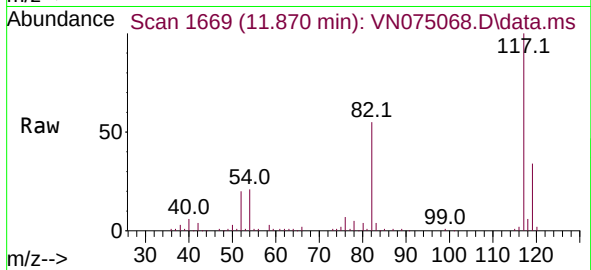




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN075068.D
Acq: 28 Oct 2022 18:12

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Tgt Ion:117 Resp: 185467
Ion Ratio Lower Upper
117 100
82 54.5 43.1 64.7
119 34.3 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: VN075068.D
Acq: 28 Oct 2022 18:12

Tgt Ion:152 Resp: 71903
Ion Ratio Lower Upper
152 100
115 62.2 30.2 90.6
150 157.5 0.0 348.4

