

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060223\
 Data File : VN078031.D
 Acq On : 02 Jun 2023 14:57
 Operator : JC\MD
 Sample : 03001-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP17-0A

Quant Time: Jun 05 01:20:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

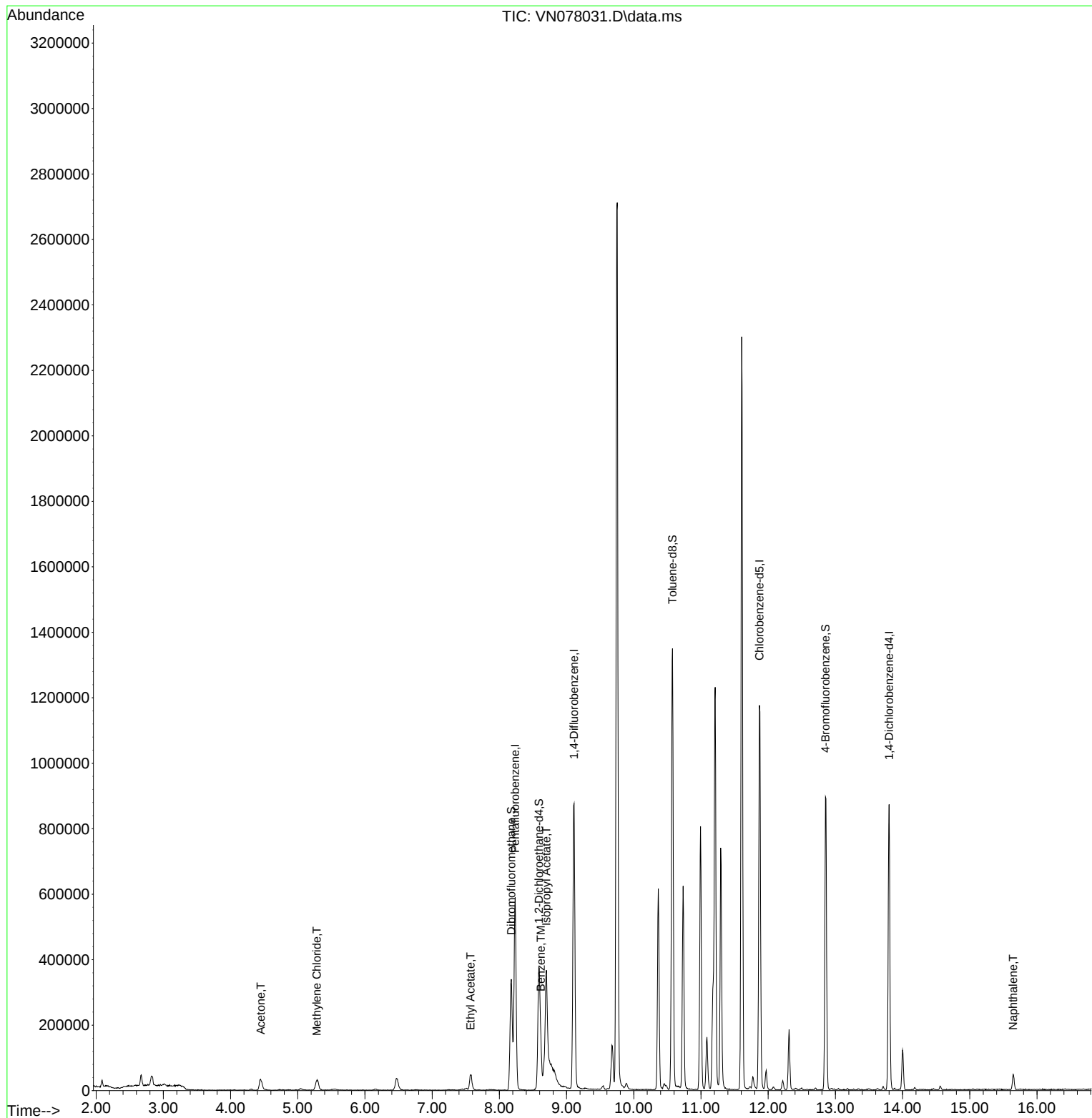
Internal Standards						
1) Pentafluorobenzene	8.235	168	413011	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	782704	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	717413	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	236926	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	287915	46.590	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.180%		
35) Dibromofluoromethane	8.177	113	246963	48.387	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.780%		
50) Toluene-d8	10.576	98	971603	49.457	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.920%		
62) 4-Bromofluorobenzene	12.853	95	325943	46.977	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.960%		
Target Compounds					Qvalue	
16) Acetone	4.447	43	63252	32.533	ug/l	96
20) Methylene Chloride	5.283	84	25461	3.181	ug/l #	82
37) Ethyl Acetate	7.571	43	70862	10.650	ug/l	99
40) Benzene	8.618	78	122825	5.575	ug/l	97
43) Isopropyl Acetate	8.700	43	557864	51.329	ug/l #	69
95) Naphthalene	15.647	128	41796	2.581	ug/l	96

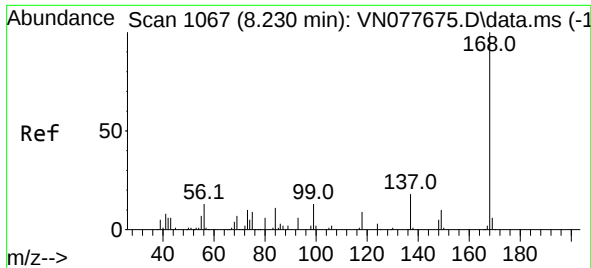
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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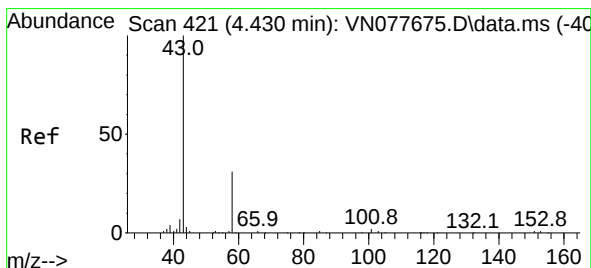
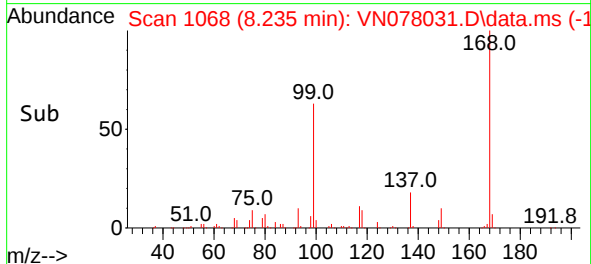
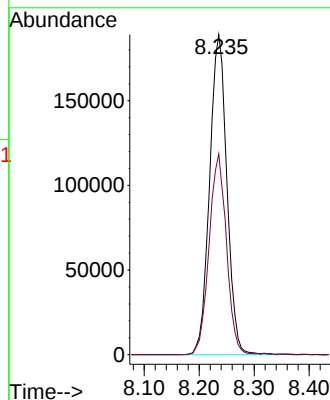
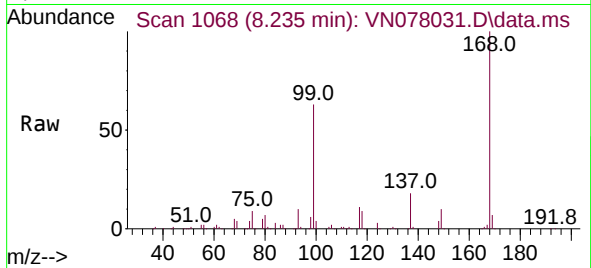




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN078031.D
Acq: 02 Jun 2023 14:57

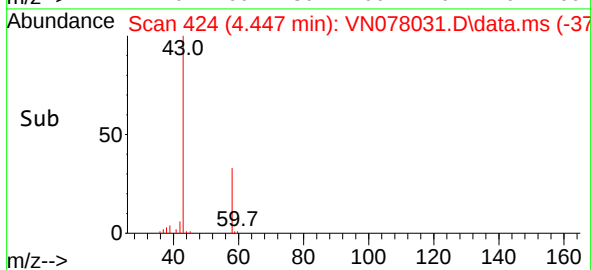
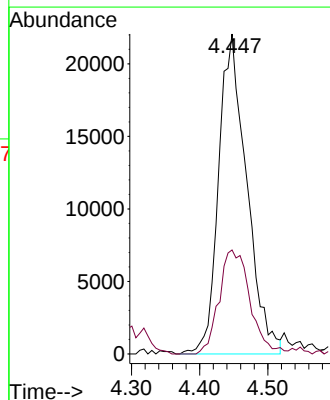
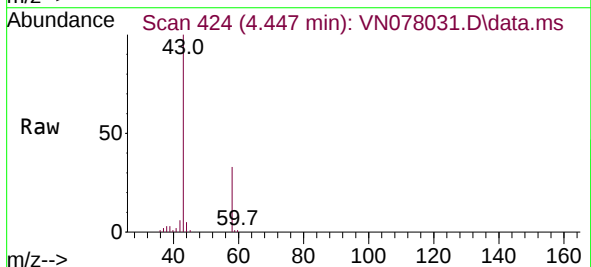
Instrument :
MSVOA_N
ClientSampleId :
TP17-0A

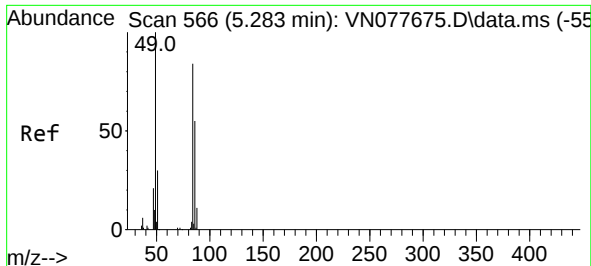
Tgt Ion:168 Resp: 413011
Ion Ratio Lower Upper
168 100
99 62.8 53.0 79.6



#16
Acetone
Concen: 32.533 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.017 min
Lab File: VN078031.D
Acq: 02 Jun 2023 14:57

Tgt Ion: 43 Resp: 63252
Ion Ratio Lower Upper
43 100
58 32.5 28.0 42.0

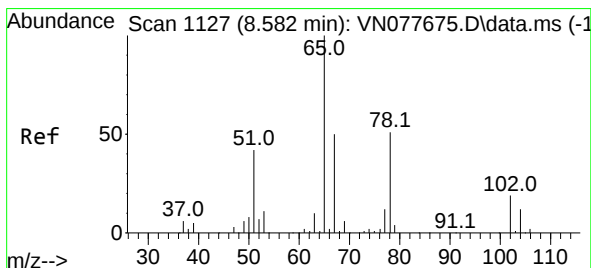
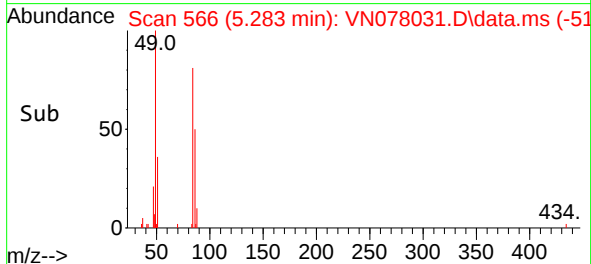
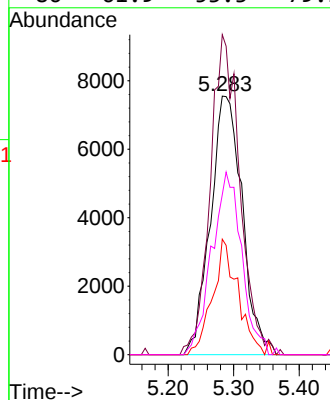
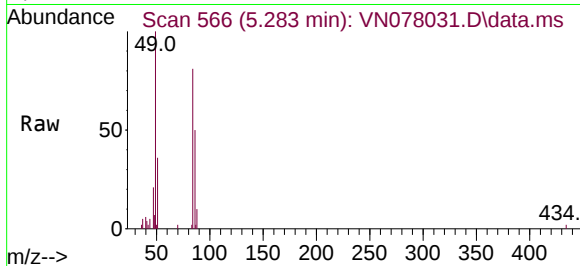




#20
Methylene Chloride
Concen: 3.181 ug/l
RT: 5.283 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN078031.D
Acq: 02 Jun 2023 14:57

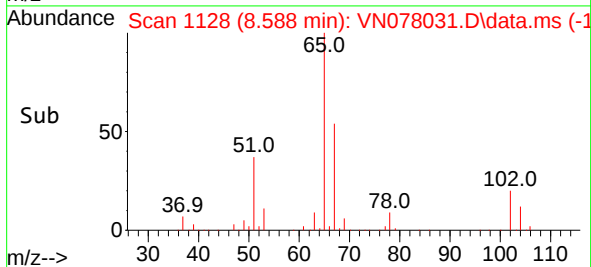
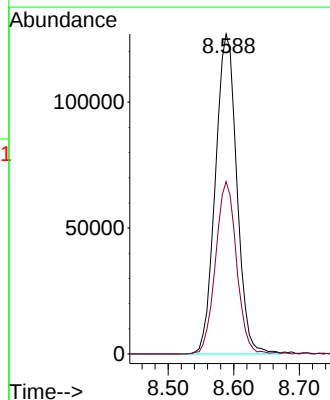
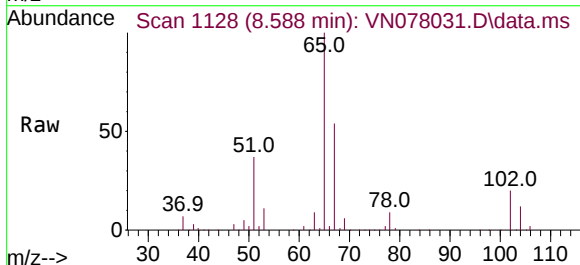
Instrument :
MSVOA_N
ClientSampleId :
TP17-0A

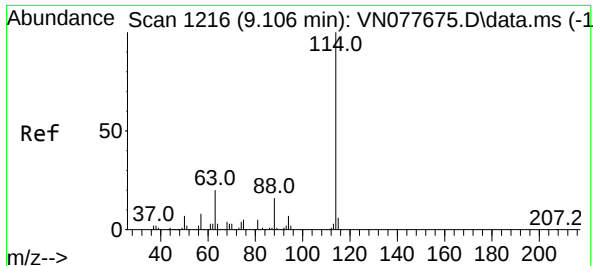
Tgt Ion:	84	Resp:	25461
Ion	Ratio	Lower	Upper
84	100		
49	123.8	79.7	119.5#
51	44.7	25.2	37.8#
86	61.9	53.3	79.9



#33
1,2-Dichloroethane-d4
Concen: 46.590 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078031.D
Acq: 02 Jun 2023 14:57

Tgt Ion:	65	Resp:	287915
Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN078031.D

Acq: 02 Jun 2023 14:57

Instrument :

MSVOA_N

ClientSampleId :

TP17-0A

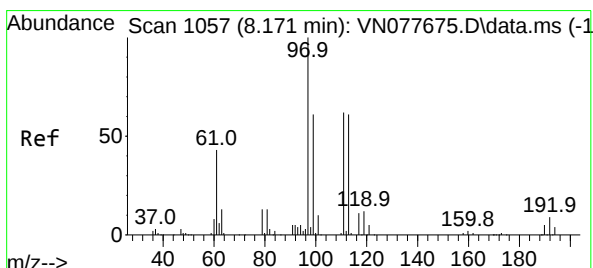
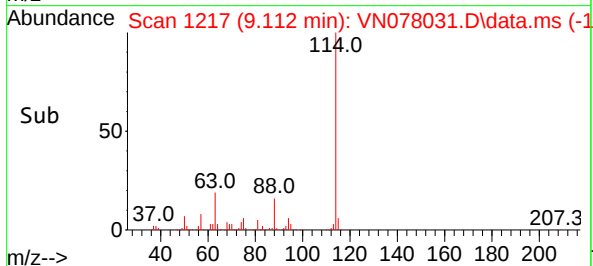
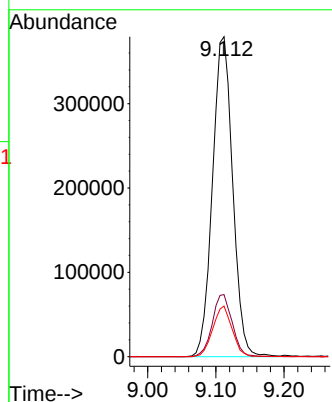
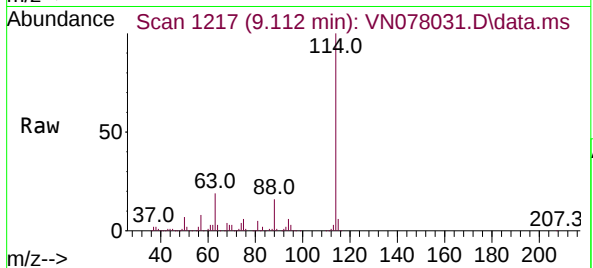
Tgt Ion:114 Resp: 782704

Ion Ratio Lower Upper

114 100

63 19.4 0.0 36.4

88 15.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.387 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN078031.D

Acq: 02 Jun 2023 14:57

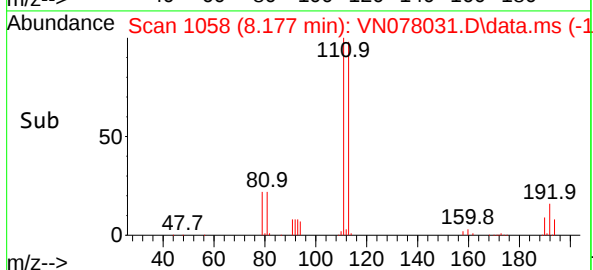
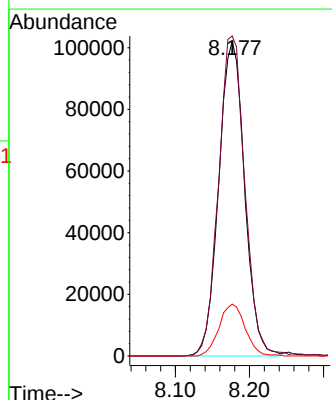
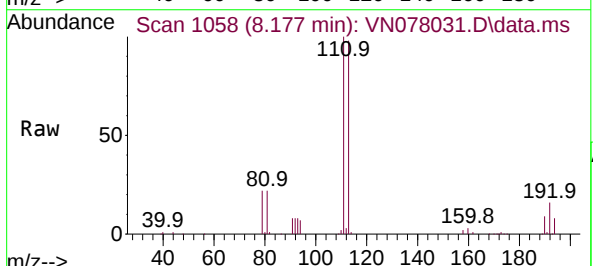
Tgt Ion:113 Resp: 246963

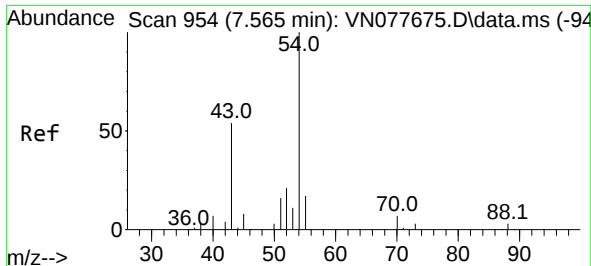
Ion Ratio Lower Upper

113 100

111 103.8 82.6 123.8

192 16.7 12.7 19.1

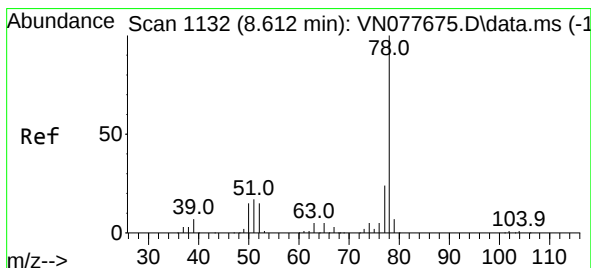
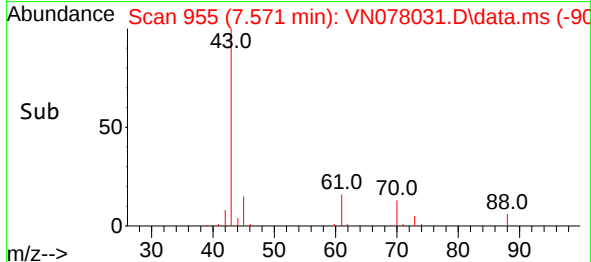
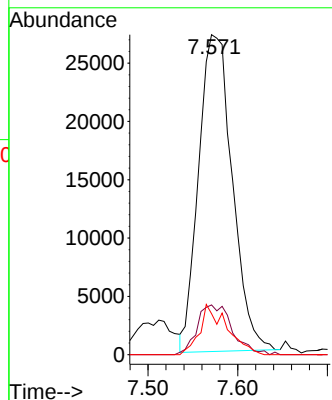
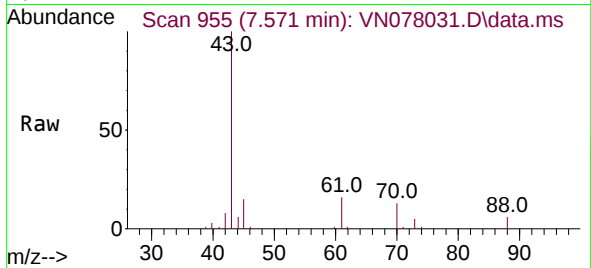




#37
Ethyl Acetate
Concen: 10.650 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN078031.D
Acq: 02 Jun 2023 14:57

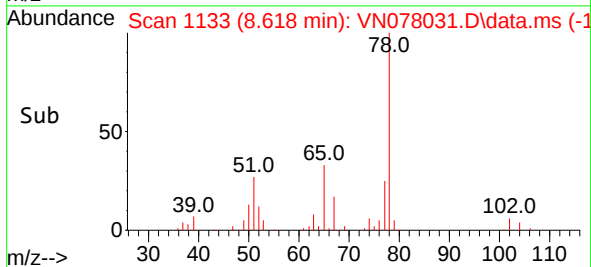
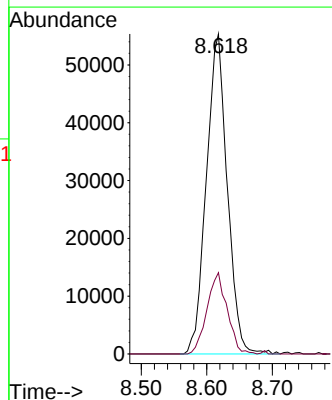
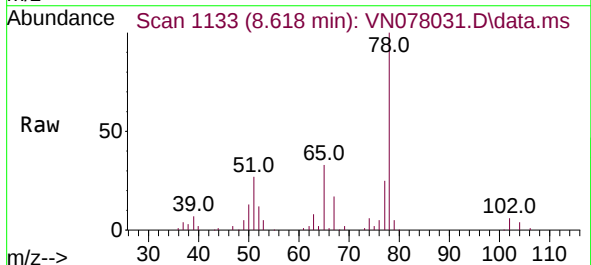
Instrument :
MSVOA_N
ClientSampleId :
TP17-0A

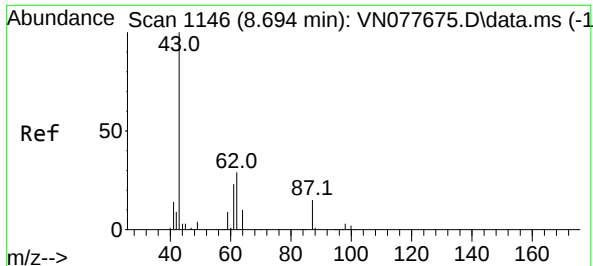
Tgt Ion: 43 Resp: 70862
Ion Ratio Lower Upper
43 100
61 16.4 13.2 19.8
70 12.9 11.3 16.9



#40
Benzene
Concen: 5.575 ug/l
RT: 8.618 min Scan# 1133
Delta R.T. 0.006 min
Lab File: VN078031.D
Acq: 02 Jun 2023 14:57

Tgt Ion: 78 Resp: 122825
Ion Ratio Lower Upper
78 100
77 25.4 19.0 28.6





#43

Isopropyl Acetate

Concen: 51.329 ug/l

RT: 8.700 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN078031.D

Acq: 02 Jun 2023 14:57

Instrument :

MSVOA_N

ClientSampleId :

TP17-0A

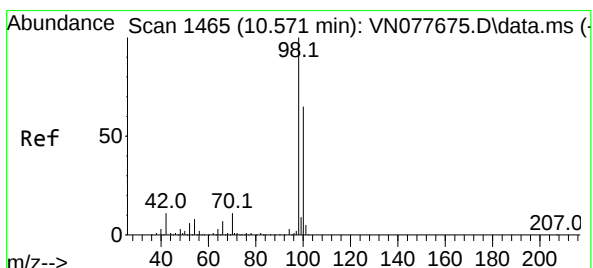
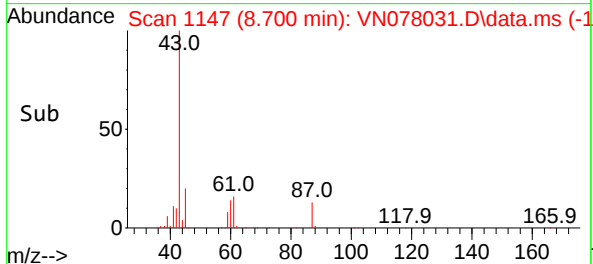
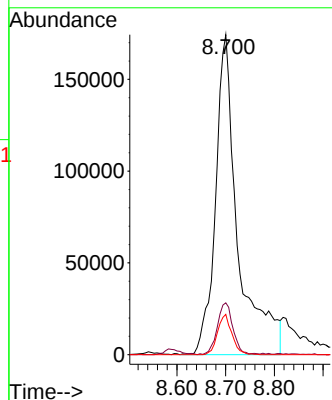
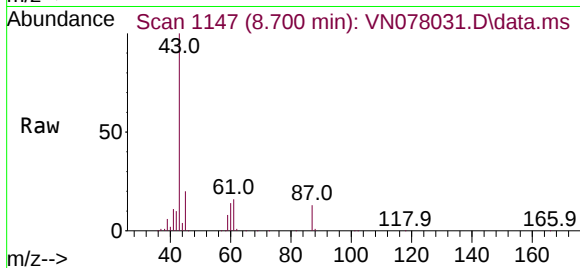
Tgt Ion: 43 Resp: 557864

Ion Ratio Lower Upper

43 100

61 11.4 24.7 37.1#

87 8.0 14.6 21.8#



#50

Toluene-d8

Concen: 49.457 ug/l

RT: 10.576 min Scan# 1466

Delta R.T. 0.005 min

Lab File: VN078031.D

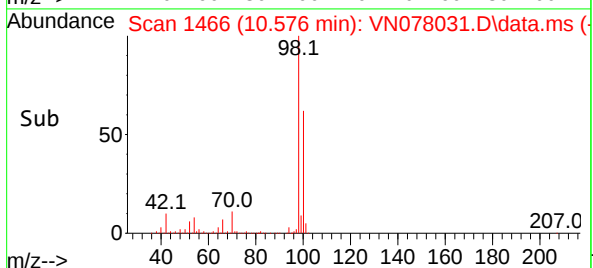
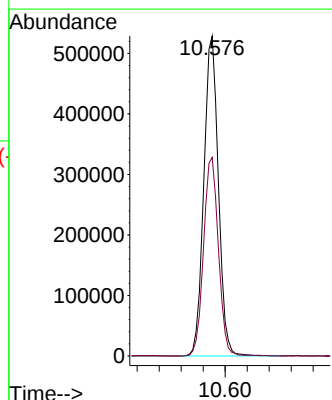
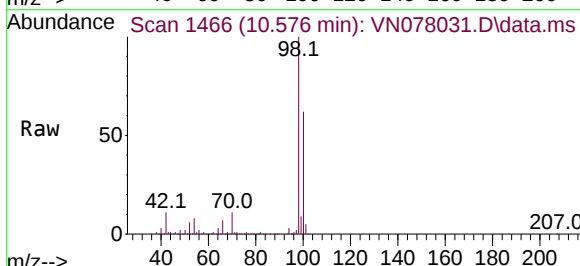
Acq: 02 Jun 2023 14:57

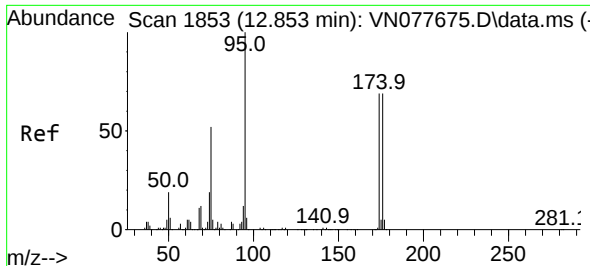
Tgt Ion: 98 Resp: 971603

Ion Ratio Lower Upper

98 100

100 63.4 52.0 78.0

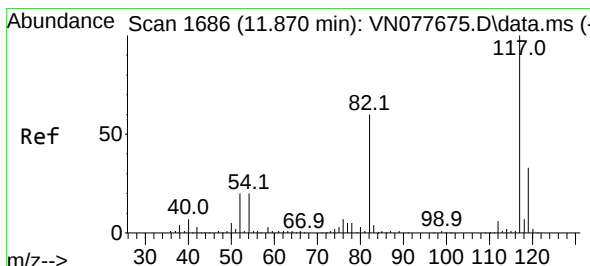
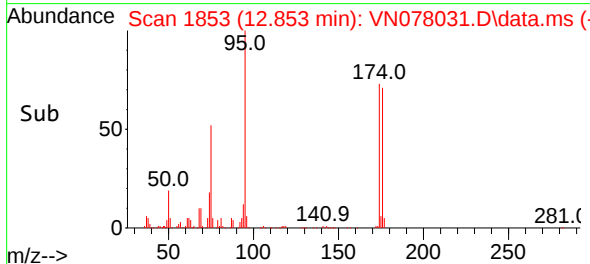
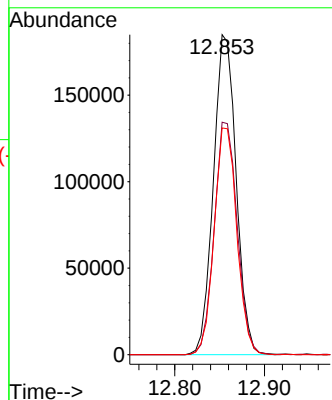
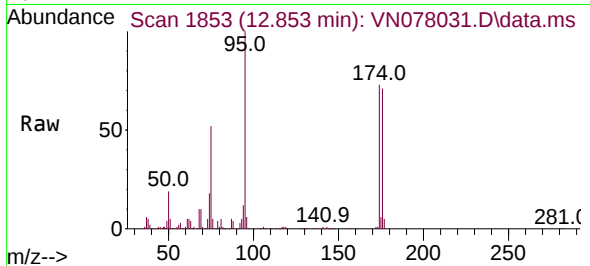




#62
4-Bromofluorobenzene
Concen: 46.977 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078031.D
Acq: 02 Jun 2023 14:57

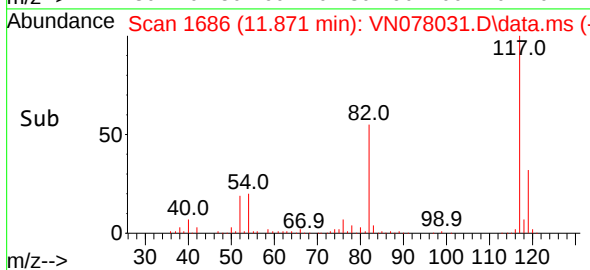
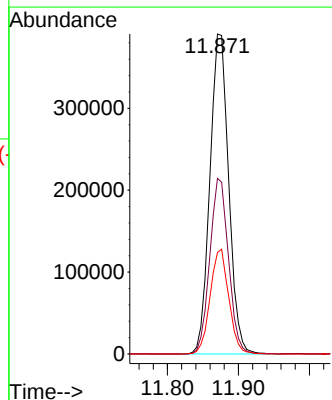
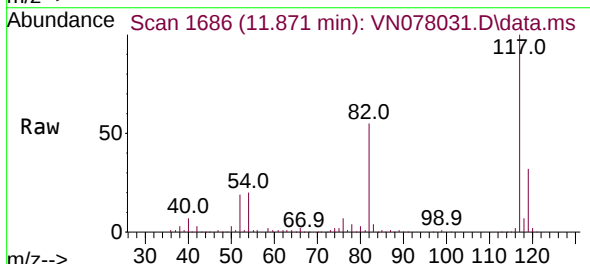
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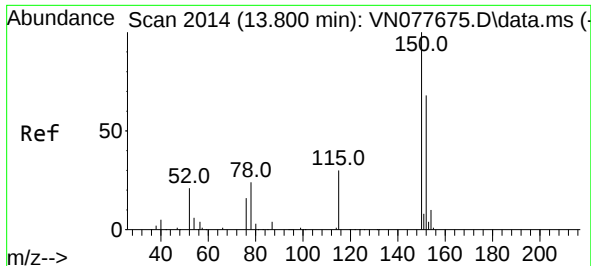
Tgt Ion: 95 Resp: 325943
Ion Ratio Lower Upper
95 100
174 73.4 0.0 143.8
176 70.5 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN078031.D
Acq: 02 Jun 2023 14:57

Tgt Ion: 117 Resp: 717413
Ion Ratio Lower Upper
117 100
82 54.9 44.0 66.0
119 31.7 25.6 38.4

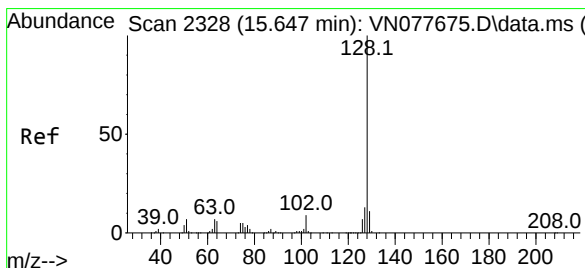
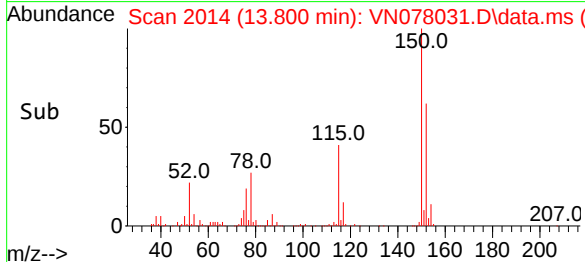
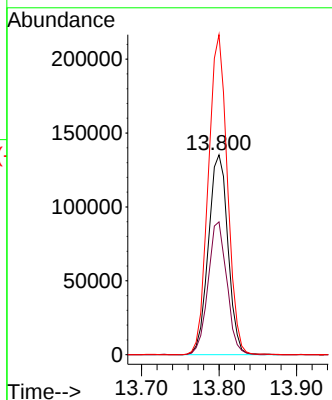
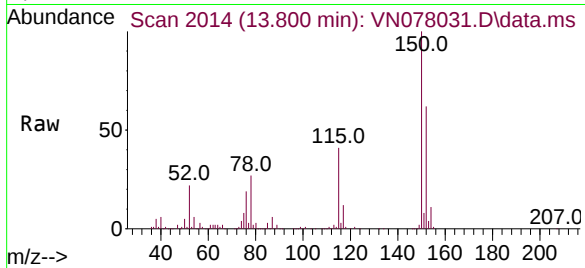




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 2014
 Delta R.T. -0.000 min
 Lab File: VN078031.D
 Acq: 02 Jun 2023 14:57

Instrument :
 MSVOA_N
 ClientSampleId :
 TP17-0A

Tgt Ion:152 Resp: 236926
 Ion Ratio Lower Upper
 152 100
 115 63.8 32.3 96.8
 150 156.1 0.0 355.8



#95
 Naphthalene
 Concen: 2.581 ug/l
 RT: 15.647 min Scan# 2328
 Delta R.T. -0.000 min
 Lab File: VN078031.D
 Acq: 02 Jun 2023 14:57

Tgt Ion:128 Resp: 41796
 Ion Ratio Lower Upper
 128 100
 127 14.8 10.0 15.0
 129 11.3 8.7 13.1

