

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111723\
 Data File : VN080176.D
 Acq On : 17 Nov 2023 20:27
 Operator : JC\MD
 Sample : 05449-31
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-SED-03-G

Quant Time: Nov 18 02:38:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

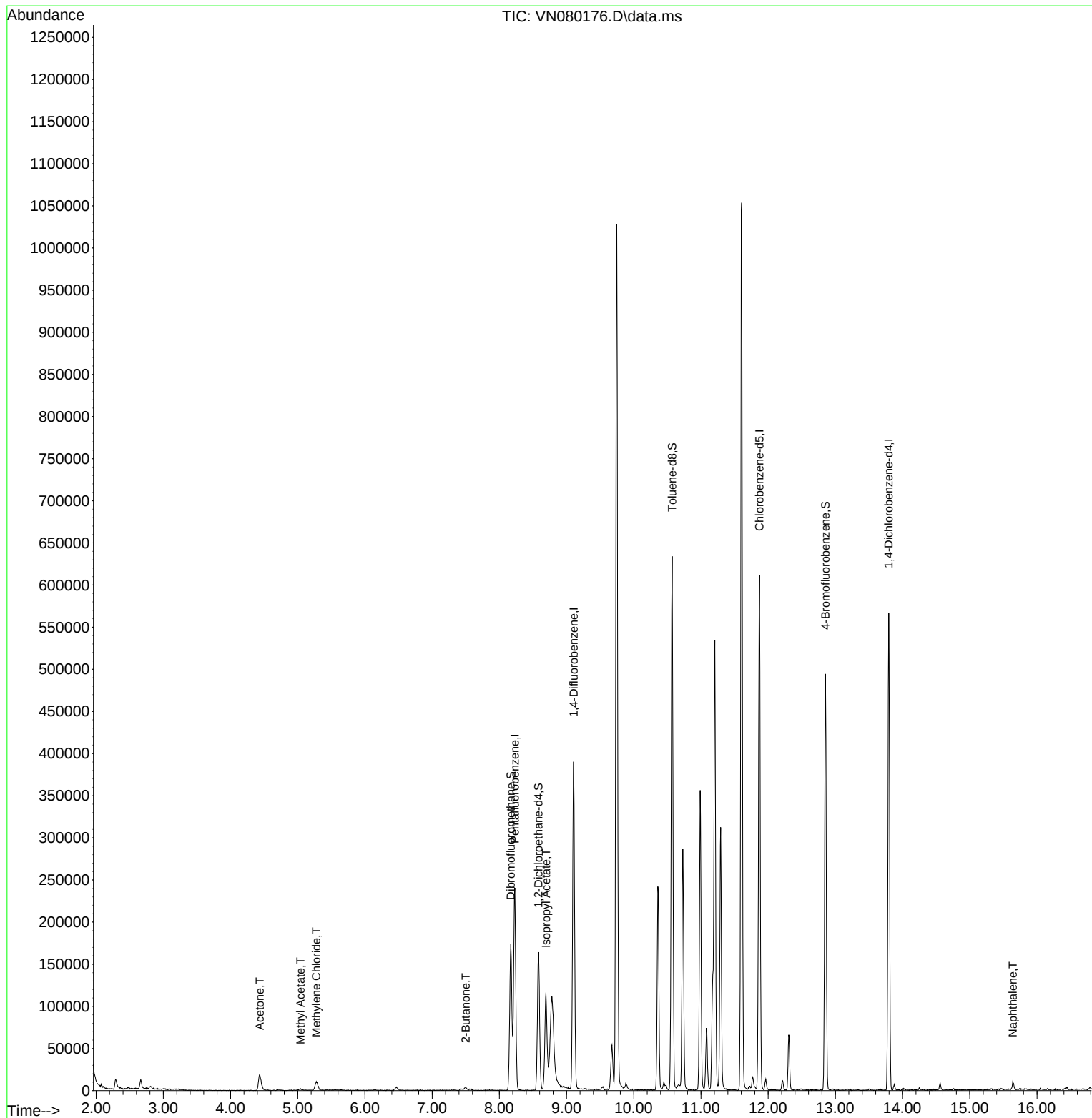
Internal Standards						
1) Pentafluorobenzene	8.230	168	164662	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	322172	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	340569	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	150062	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	149753	55.080	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.160%	
35) Dibromofluoromethane	8.171	113	117821	49.563	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.120%	
50) Toluene-d8	10.571	98	425729	49.680	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.360%	
62) 4-Bromofluorobenzene	12.853	95	170191	52.580	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 105.160%	
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	35408	38.774	ug/l #	86
18) Methyl Acetate	5.041	43	3256	1.110	ug/l #	60
20) Methylene Chloride	5.277	84	8264	4.321	ug/l #	90
25) 2-Butanone	7.500	43	6499	5.990	ug/l	100
43) Isopropyl Acetate	8.694	43	132212	28.459	ug/l #	82
95) Naphthalene	15.641	128	8569	1.002	ug/l #	95

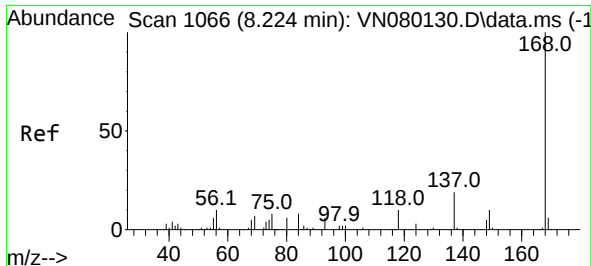
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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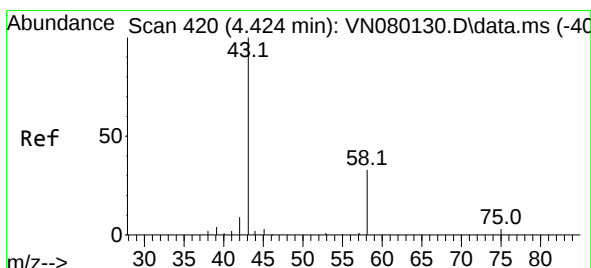
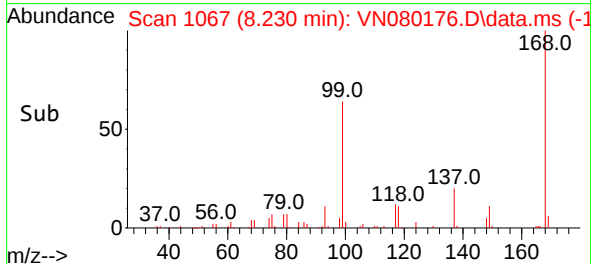
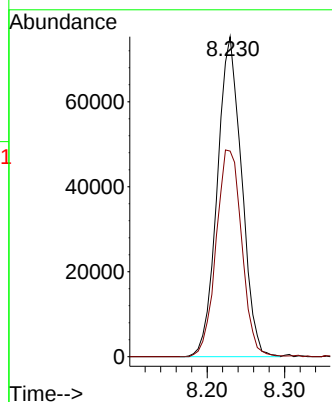
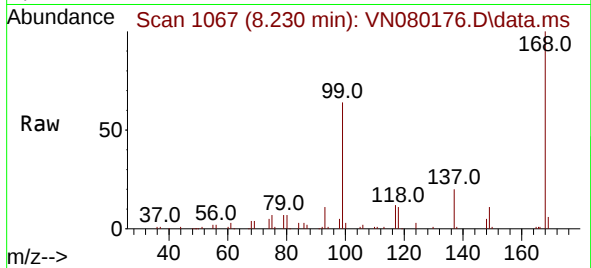




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080176.D
Acq: 17 Nov 2023 20:27

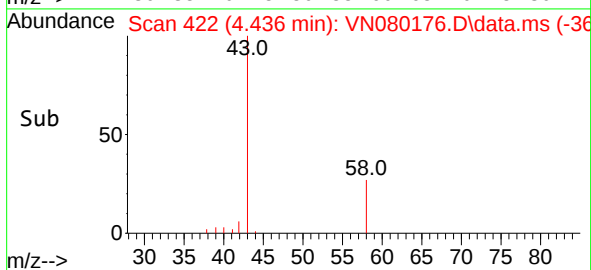
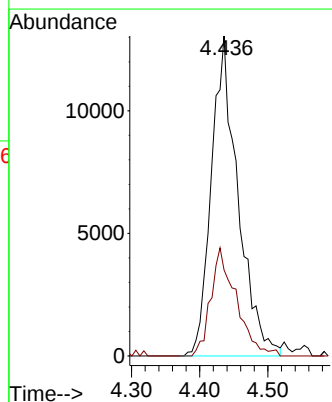
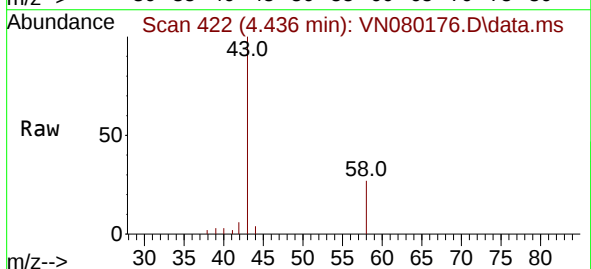
Instrument :
MSVOA_N
ClientSampleId :
WC-SED-03-G

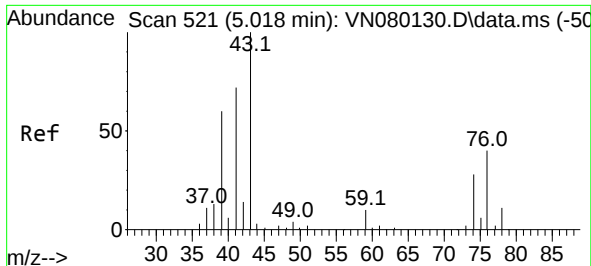
Tgt Ion:168 Resp: 164662
Ion Ratio Lower Upper
168 100
99 64.2 53.0 79.6



#16
Acetone
Concen: 38.774 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN080176.D
Acq: 17 Nov 2023 20:27

Tgt Ion: 43 Resp: 35408
Ion Ratio Lower Upper
43 100
58 26.9 28.0 42.0#

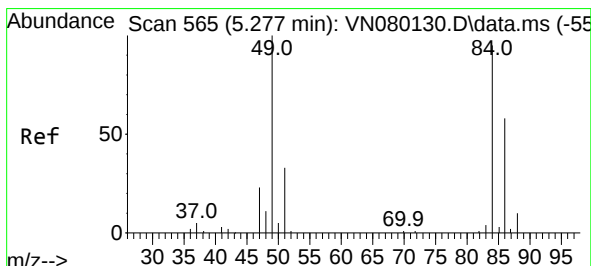
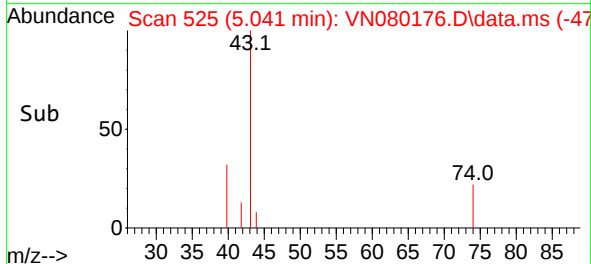
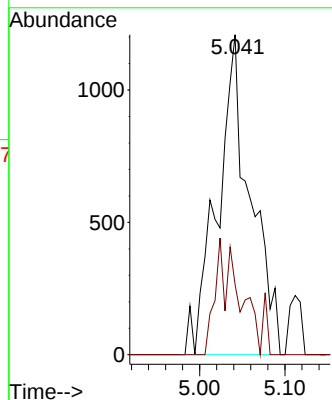
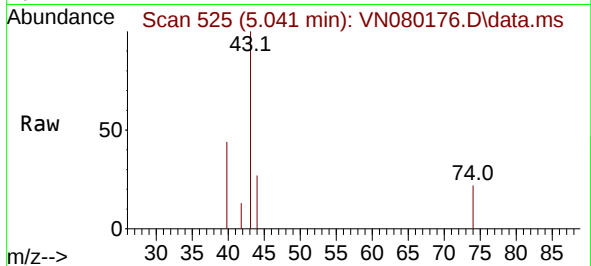




#18
Methyl Acetate
Concen: 1.110 ug/l
RT: 5.041 min Scan# 51
Delta R.T. 0.023 min
Lab File: VN080176.D
Acq: 17 Nov 2023 20:27

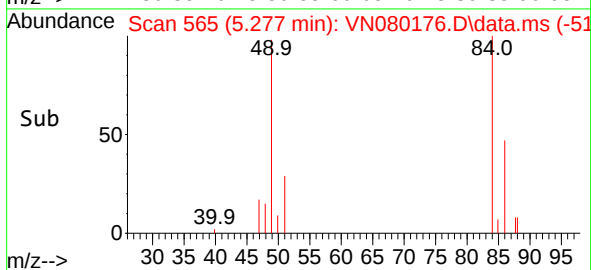
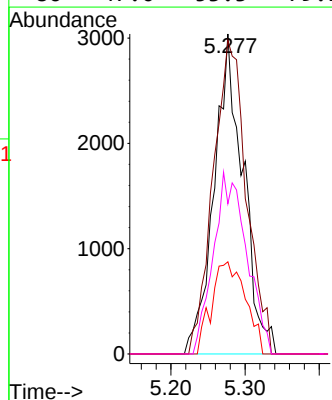
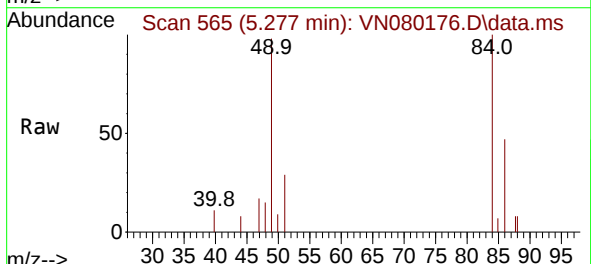
Instrument :
MSVOA_N
ClientSampleId :
WC-SED-03-G

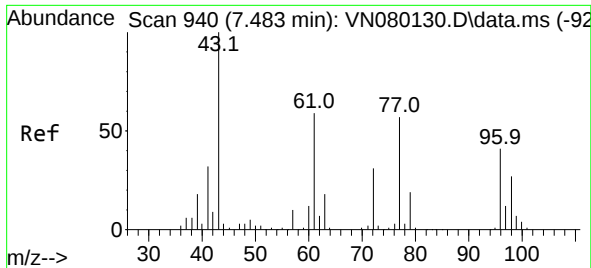
Tgt Ion: 43 Resp: 3256
Ion Ratio Lower Upper
43 100
74 10.5 26.2 39.4#



#20
Methylene Chloride
Concen: 4.321 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN080176.D
Acq: 17 Nov 2023 20:27

Tgt Ion: 84 Resp: 8264
Ion Ratio Lower Upper
84 100
49 98.0 79.7 119.5
51 28.8 25.2 37.8
86 47.0 53.3 79.9#

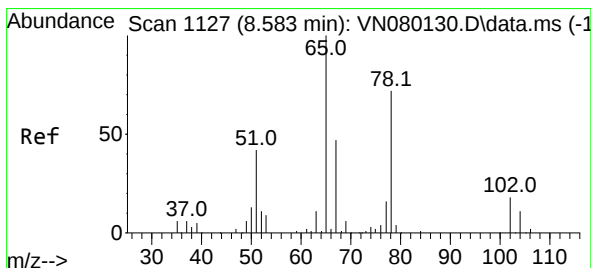
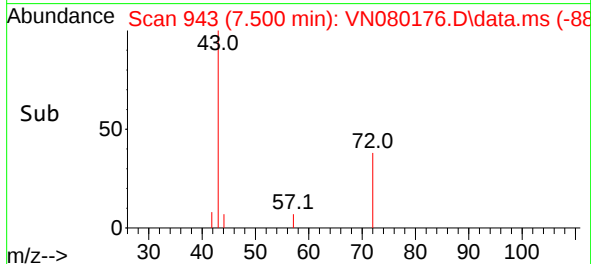
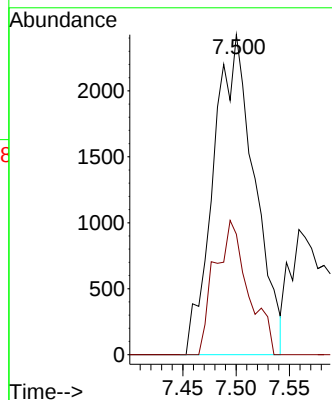
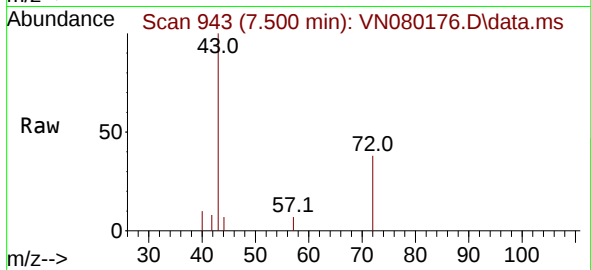




#25
2-Butanone
Concen: 5.990 ug/l
RT: 7.500 min Scan# 940
Delta R.T. 0.017 min
Lab File: VN080176.D
Acq: 17 Nov 2023 20:27

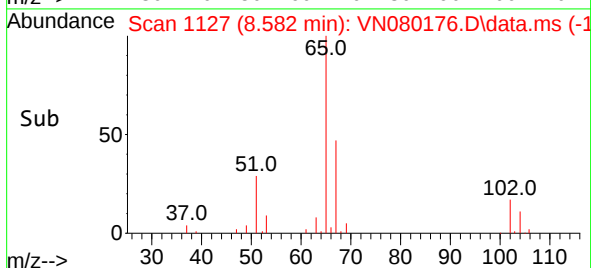
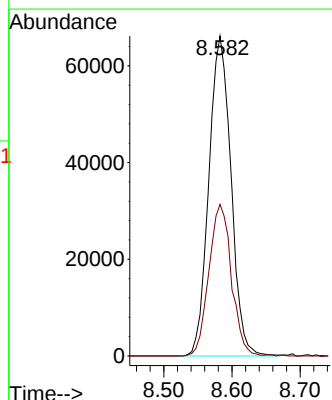
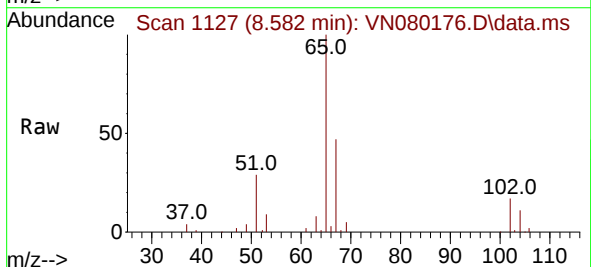
Instrument :
MSVOA_N
ClientSampleId :
WC-SED-03-G

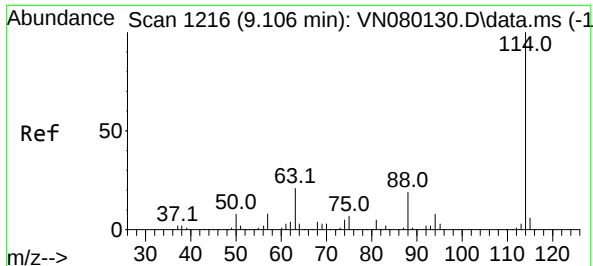
Tgt Ion: 43 Resp: 6499
Ion Ratio Lower Upper
43 100
72 37.6 30.2 45.2



#33
1,2-Dichloroethane-d4
Concen: 55.080 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN080176.D
Acq: 17 Nov 2023 20:27

Tgt Ion: 65 Resp: 149753
Ion Ratio Lower Upper
65 100
67 48.1 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080176.D

Acq: 17 Nov 2023 20:27

Instrument :

MSVOA_N

ClientSampleId :

WC-SED-03-G

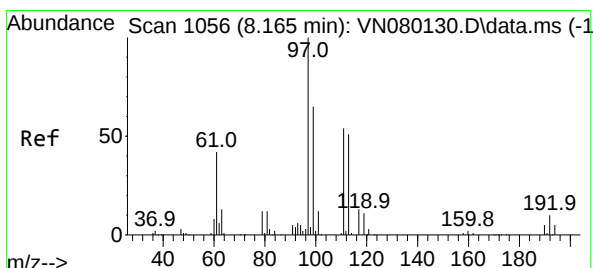
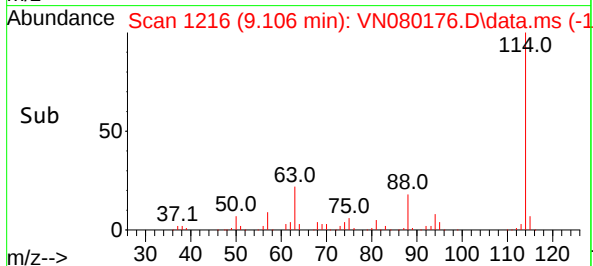
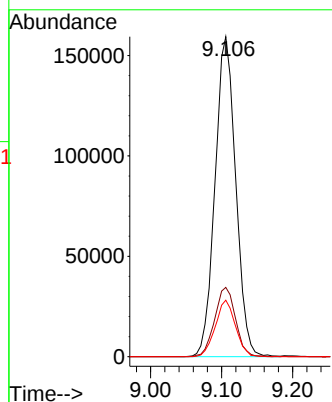
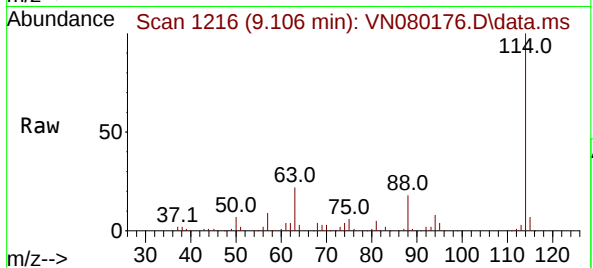
Tgt Ion:114 Resp: 322172

Ion Ratio Lower Upper

114 100

63 21.7 0.0 36.4

88 17.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.563 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN080176.D

Acq: 17 Nov 2023 20:27

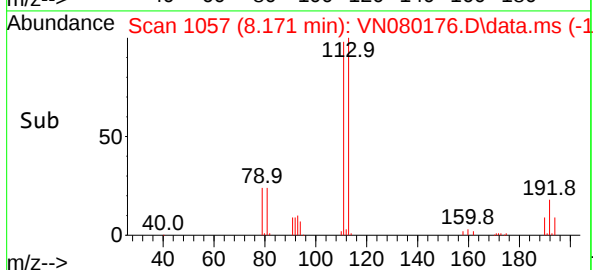
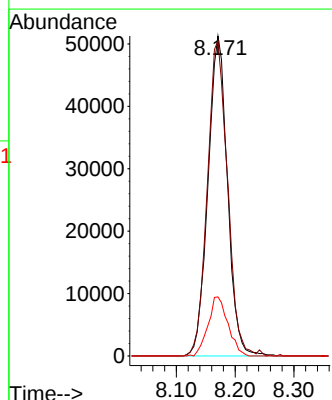
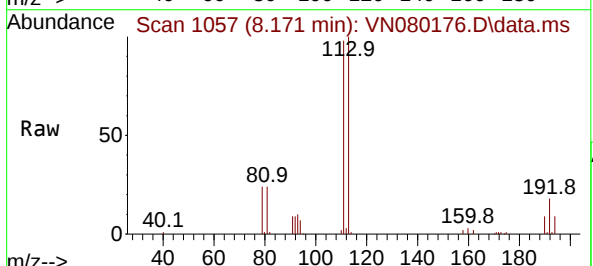
Tgt Ion:113 Resp: 117821

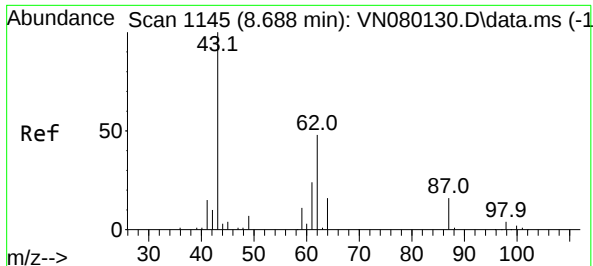
Ion Ratio Lower Upper

113 100

111 101.7 82.6 123.8

192 18.9 12.7 19.1





#43

Isopropyl Acetate

Concen: 28.459 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN080176.D

Acq: 17 Nov 2023 20:27

Instrument :

MSVOA_N

ClientSampleId :

WC-SED-03-G

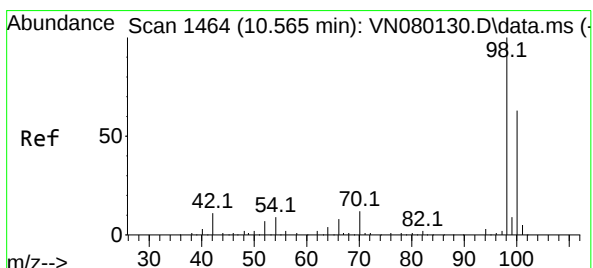
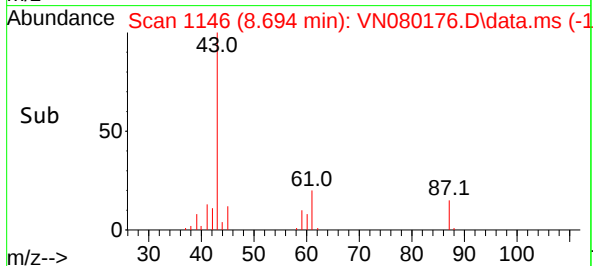
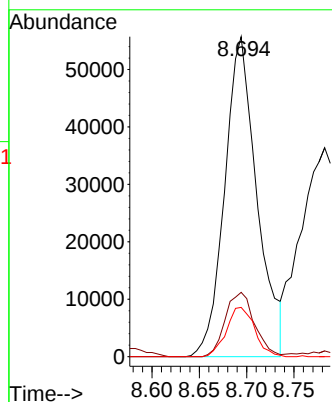
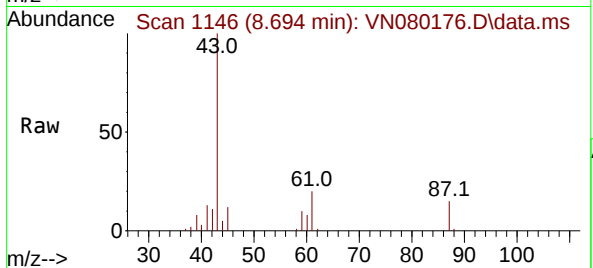
Tgt Ion: 43 Resp: 132212

Ion Ratio Lower Upper

43 100

61 18.3 24.7 37.1#

87 13.5 14.6 21.8#



#50

Toluene-d8

Concen: 49.680 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080176.D

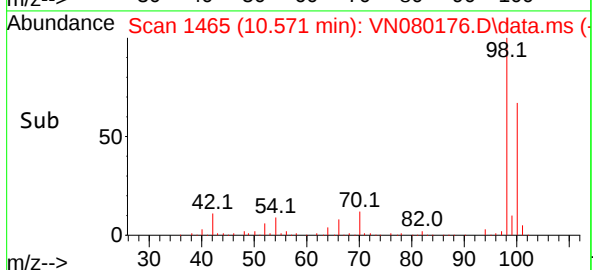
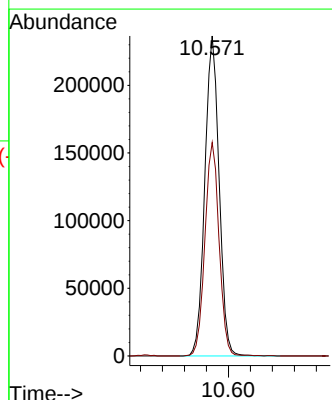
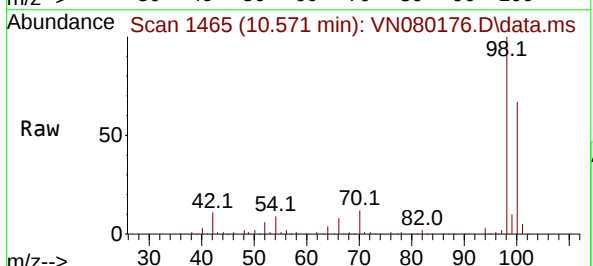
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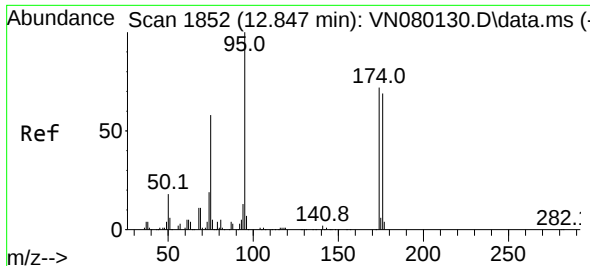
Tgt Ion: 98 Resp: 425729

Ion Ratio Lower Upper

98 100

100 66.2 52.0 78.0

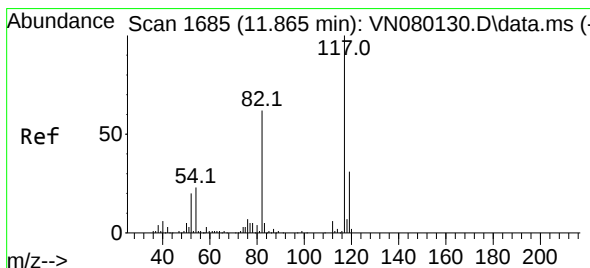
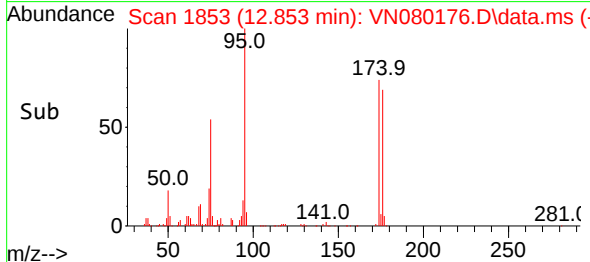
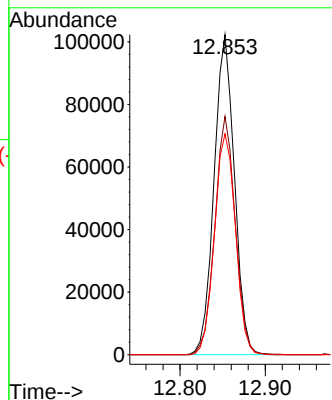
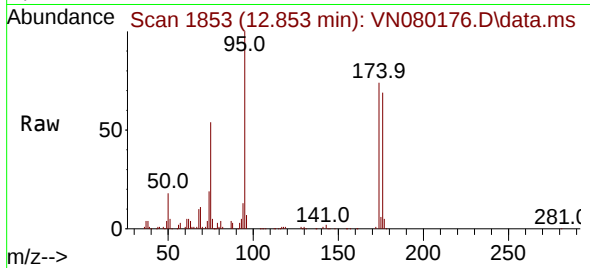




#62
4-Bromofluorobenzene
Concen: 52.580 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080176.D
Acq: 17 Nov 2023 20:27

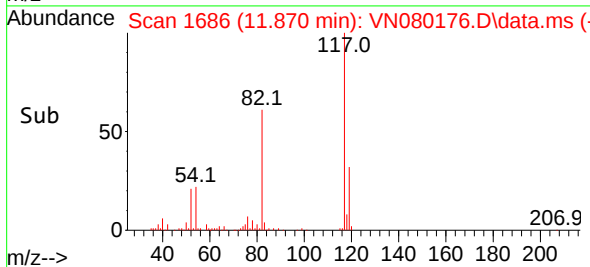
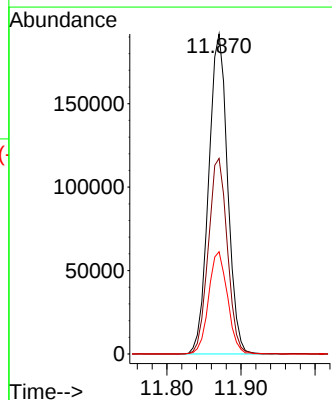
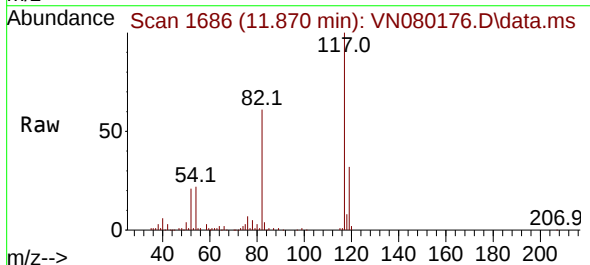
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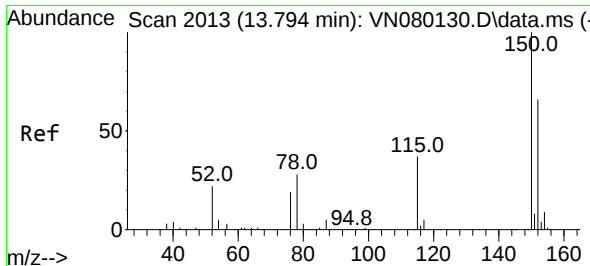
Tgt Ion: 95 Resp: 170191
Ion Ratio Lower Upper
95 100
174 74.9 0.0 143.8
176 71.1 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080176.D
Acq: 17 Nov 2023 20:27

Tgt Ion: 117 Resp: 340569
Ion Ratio Lower Upper
117 100
82 61.1 44.0 66.0
119 31.9 25.6 38.4

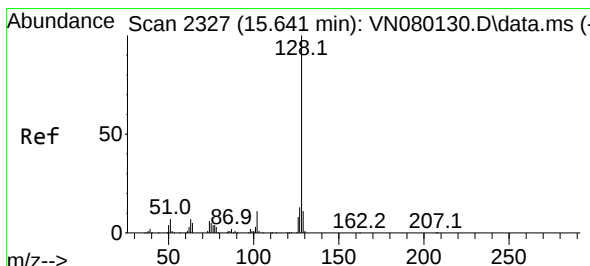
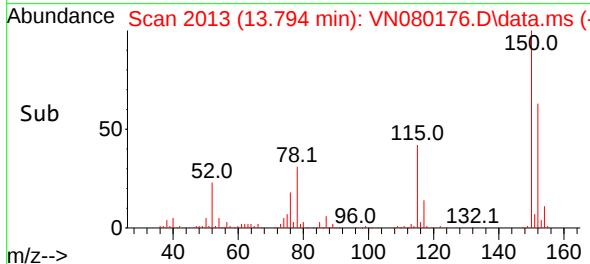
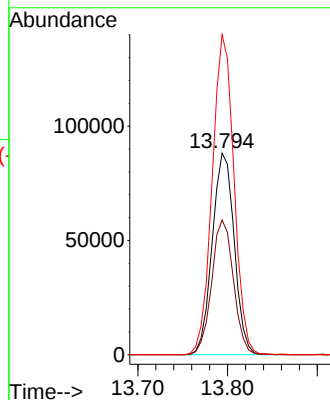
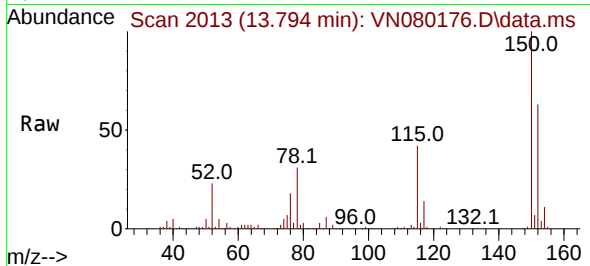




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080176.D
Acq: 17 Nov 2023 20:27

Instrument :
MSVOA_N
ClientSampleId :
WC-SED-03-G

Tgt Ion:152 Resp: 150062
Ion Ratio Lower Upper
152 100
115 66.1 32.3 96.8
150 157.0 0.0 355.8



#95
Naphthalene
Concen: 1.002 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN080176.D
Acq: 17 Nov 2023 20:27

Tgt Ion:128 Resp: 8569
Ion Ratio Lower Upper
128 100
127 15.4 10.0 15.0#
129 11.6 8.7 13.1

