

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121923\
 Data File : VN080533.D
 Acq On : 19 Dec 2023 20:18
 Operator : JC\MD
 Sample : PB157851TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB157851TB

Quant Time: Dec 20 04:08:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 Response via : Initial Calibration

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

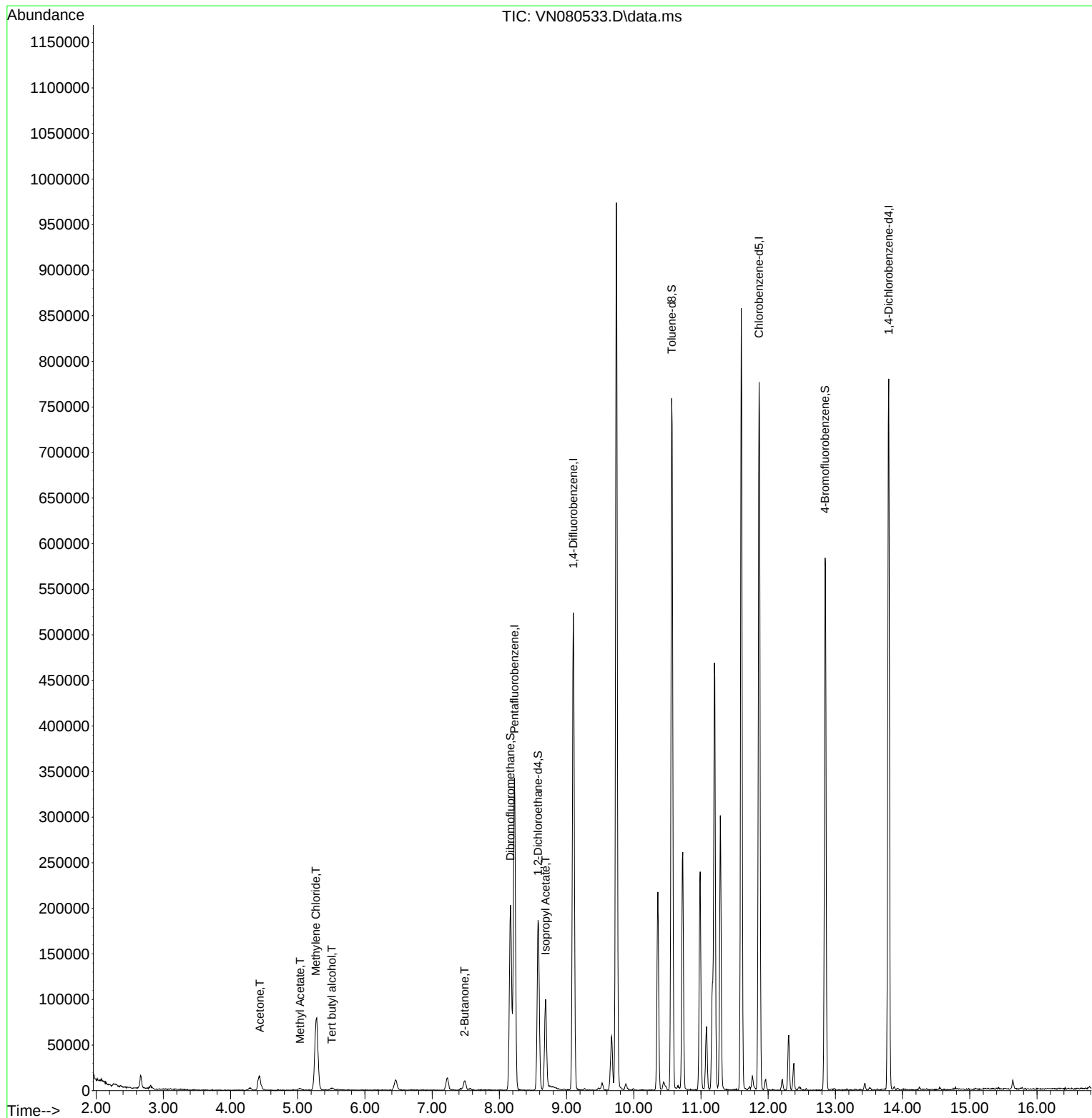
Internal Standards						
1) Pentafluorobenzene	8.224	168	241258	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	447599	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	459831	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	213020	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	165706	53.776	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.560%			
35) Dibromofluoromethane	8.165	113	145256	51.183	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.360%			
50) Toluene-d8	10.565	98	528715	49.954	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.900%			
62) 4-Bromofluorobenzene	12.847	95	209811	52.204	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.400%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.506	59	3937	10.849	ug/l #	77
16) Acetone	4.436	43	30713	56.213	ug/l	91
18) Methyl Acetate	5.036	43	3798	1.080	ug/l #	77
20) Methylene Chloride	5.271	84	69741	23.851	ug/l	94
25) 2-Butanone	7.483	43	17301	16.437	ug/l	88
43) Isopropyl Acetate	8.688	43	114028	21.825	ug/l #	86

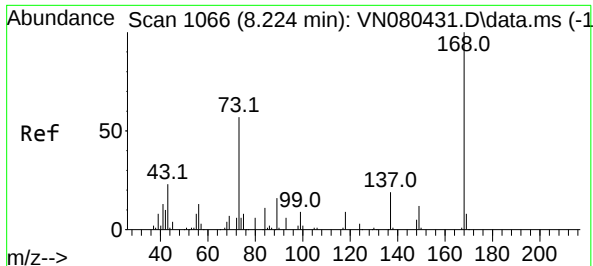
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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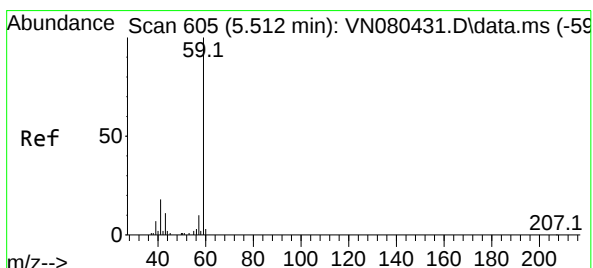
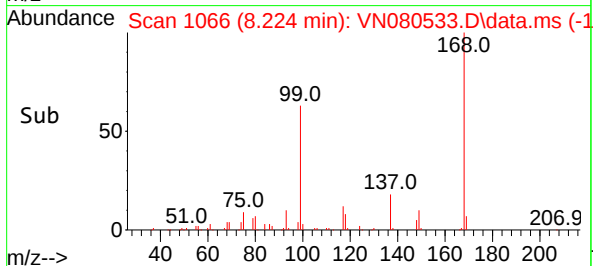
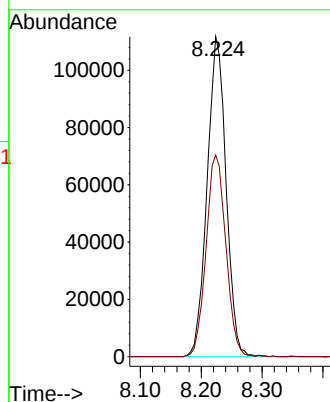
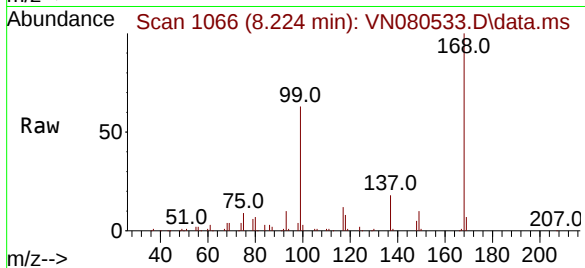




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080533.D
Acq: 19 Dec 2023 20:18

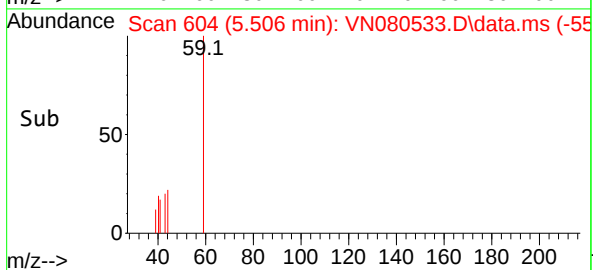
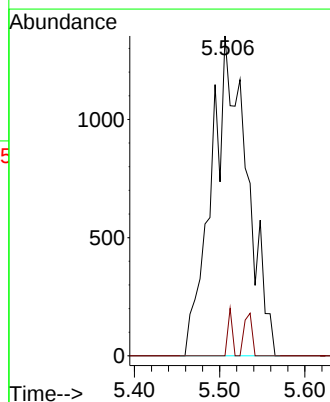
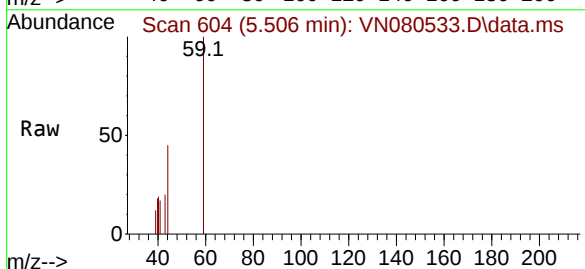
Instrument :
MSVOA_N
ClientSampleId :
PB157851TB

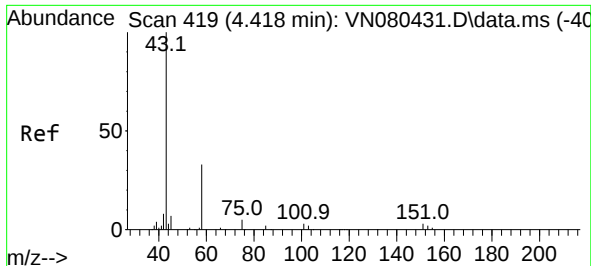
Tgt Ion:168 Resp: 241258
Ion Ratio Lower Upper
168 100
99 63.0 53.0 79.6



#11
Tert butyl alcohol
Concen: 10.849 ug/l
RT: 5.506 min Scan# 604
Delta R.T. -0.006 min
Lab File: VN080533.D
Acq: 19 Dec 2023 20:18

Tgt Ion: 59 Resp: 3937
Ion Ratio Lower Upper
59 100
57 1.8 8.2 12.4#

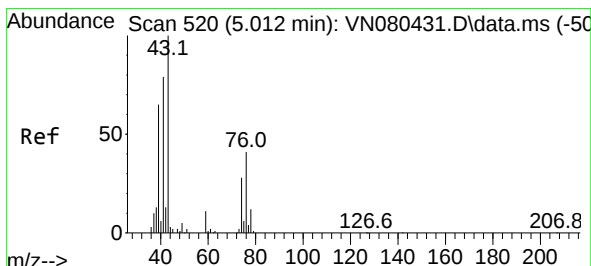
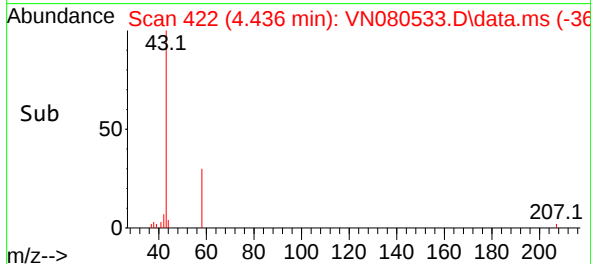
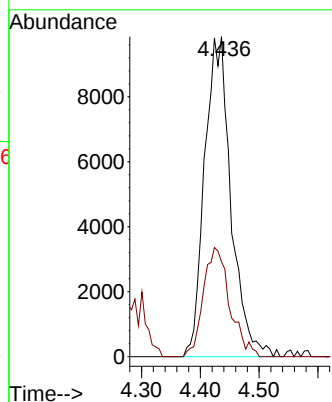
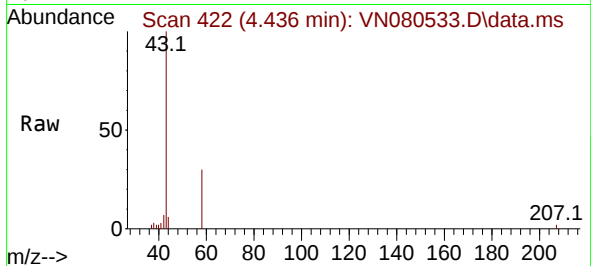




#16
Acetone
Concen: 56.213 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN080533.D
Acq: 19 Dec 2023 20:18

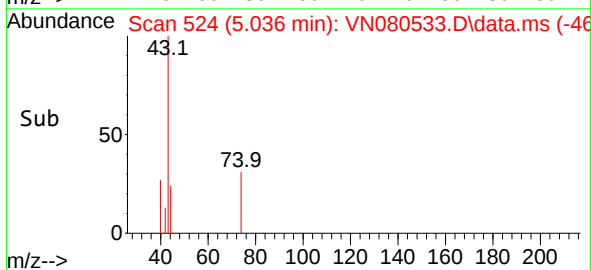
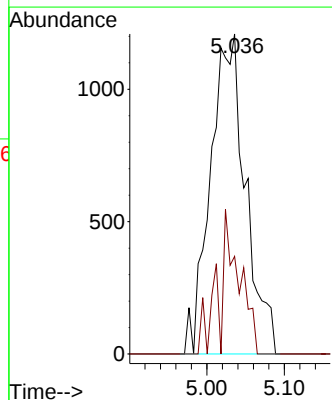
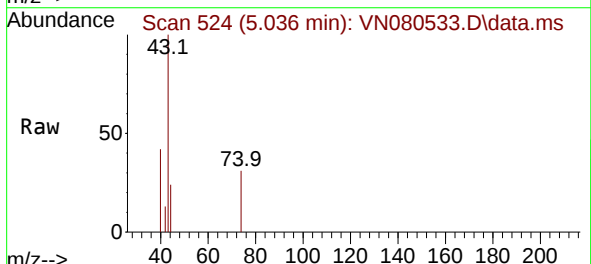
Instrument :
MSVOA_N
ClientSampleId :
PB157851TB

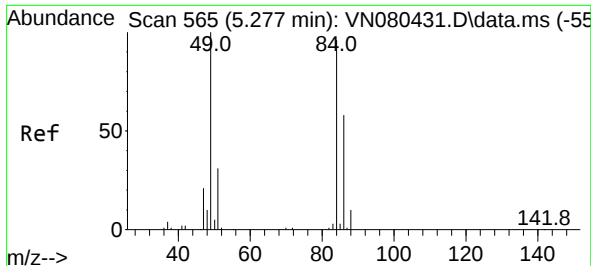
Tgt Ion: 43 Resp: 30713
Ion Ratio Lower Upper
43 100
58 29.7 28.0 42.0



#18
Methyl Acetate
Concen: 1.080 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.024 min
Lab File: VN080533.D
Acq: 19 Dec 2023 20:18

Tgt Ion: 43 Resp: 3798
Ion Ratio Lower Upper
43 100
74 19.9 26.2 39.4#

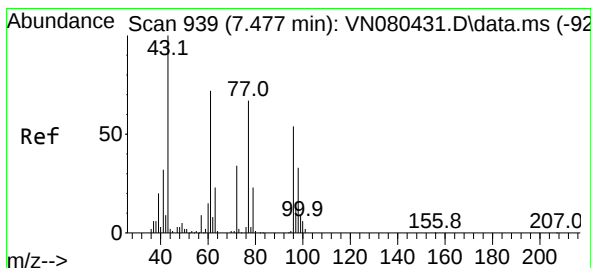
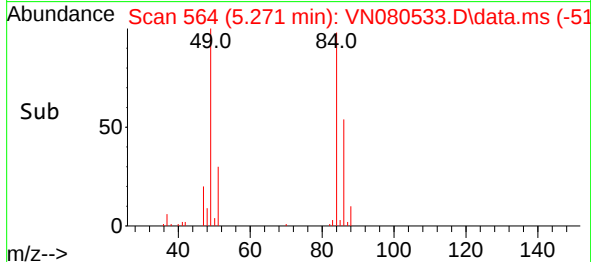
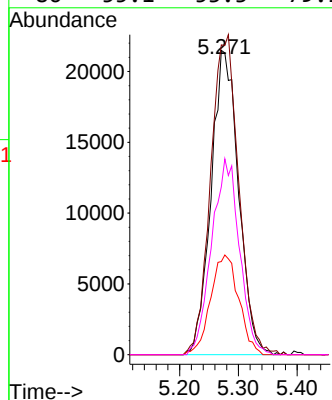
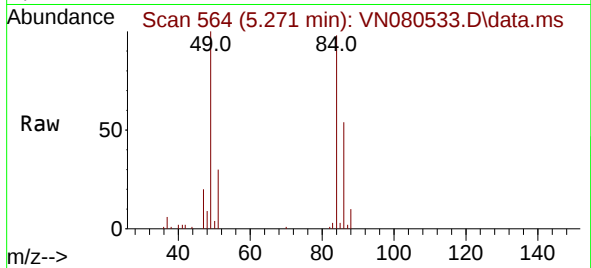




#20
Methylene Chloride
Concen: 23.851 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN080533.D
Acq: 19 Dec 2023 20:18

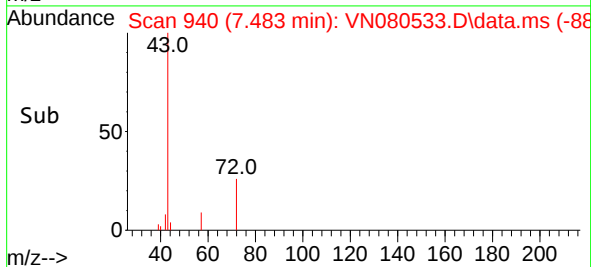
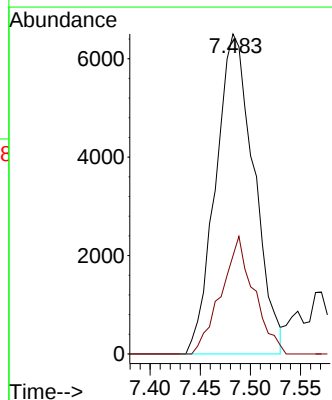
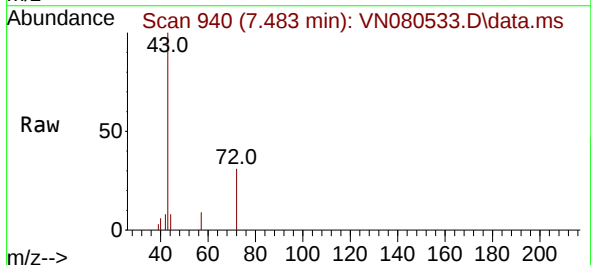
Instrument :
MSVOA_N
ClientSampleId :
PB157851TB

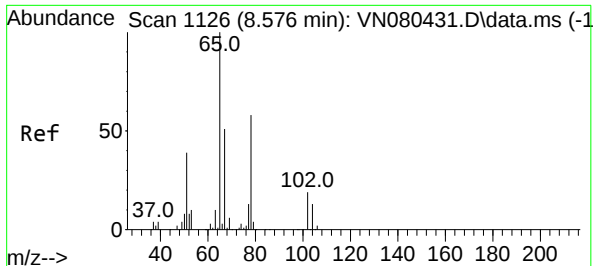
Tgt Ion:	84	Resp:	69741
Ion	Ratio	Lower	Upper
84	100		
49	101.7	79.7	119.5
51	30.6	25.2	37.8
86	55.1	53.3	79.9



#25
2-Butanone
Concen: 16.437 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN080533.D
Acq: 19 Dec 2023 20:18

Tgt Ion:	43	Resp:	17301
Ion	Ratio	Lower	Upper
43	100		
72	30.7	30.2	45.2





#33

1,2-Dichloroethane-d4

Concen: 53.776 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080533.D

Acq: 19 Dec 2023 20:18

Instrument :

MSVOA_N

ClientSampleId :

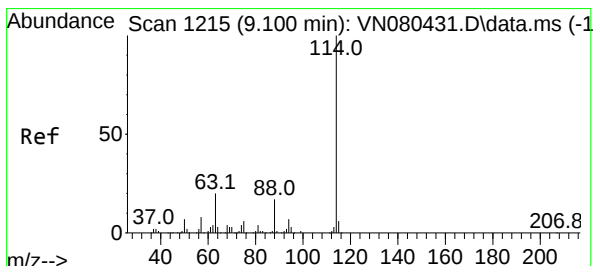
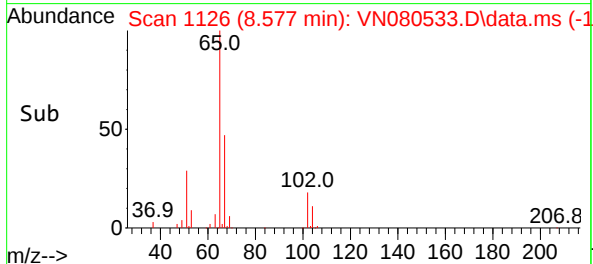
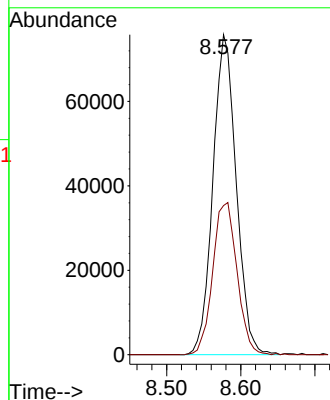
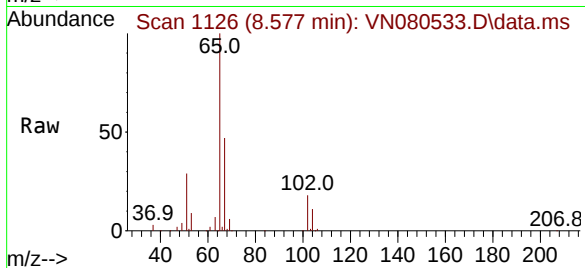
PB157851TB

Tgt Ion: 65 Resp: 165706

Ion Ratio Lower Upper

65 100

67 49.5 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN080533.D

Acq: 19 Dec 2023 20:18

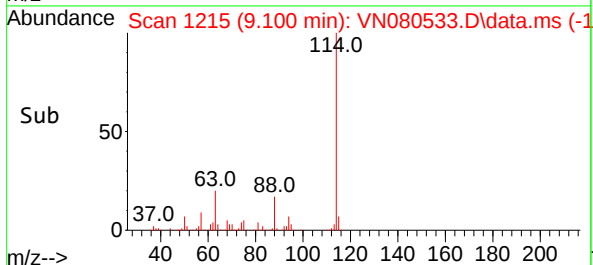
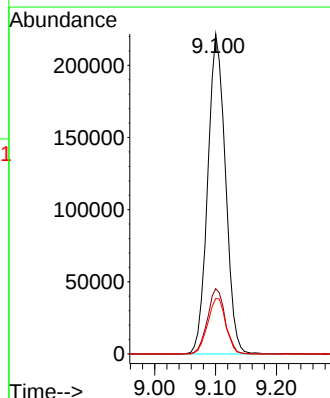
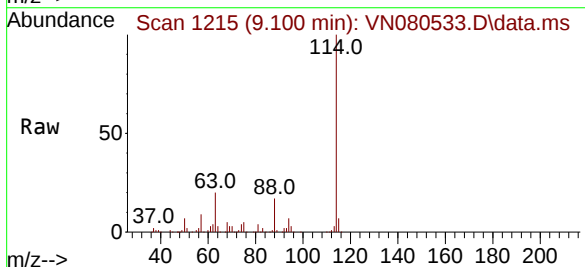
Tgt Ion: 114 Resp: 447599

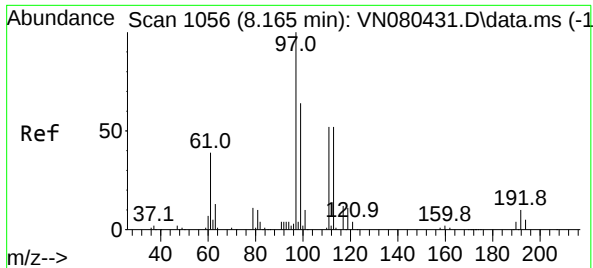
Ion Ratio Lower Upper

114 100

63 20.4 0.0 36.4

88 17.3 0.0 30.6

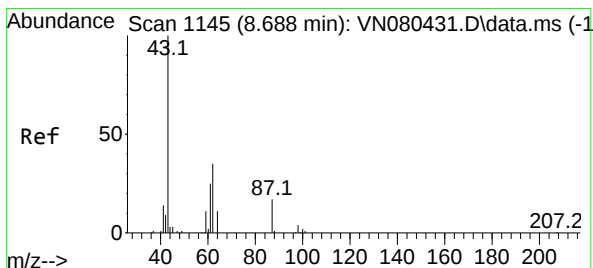
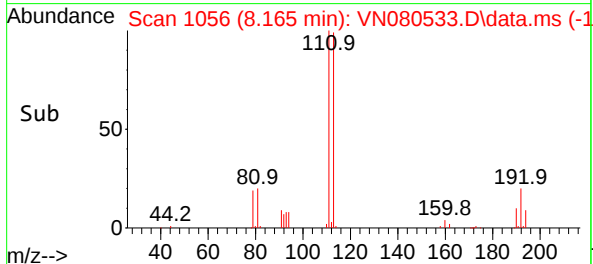
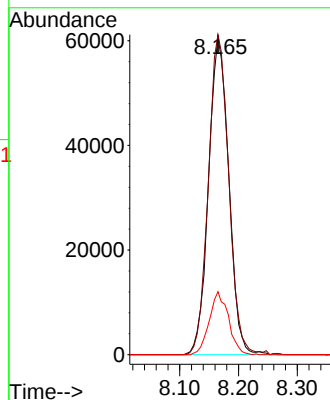
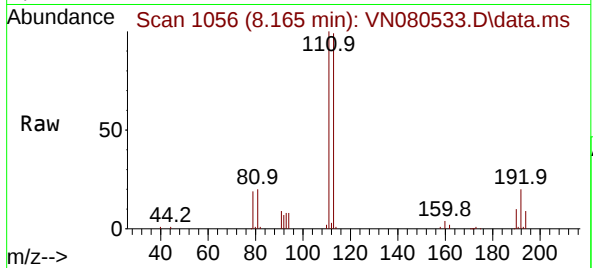




#35
Dibromofluoromethane
Concen: 51.183 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080533.D
Acq: 19 Dec 2023 20:18

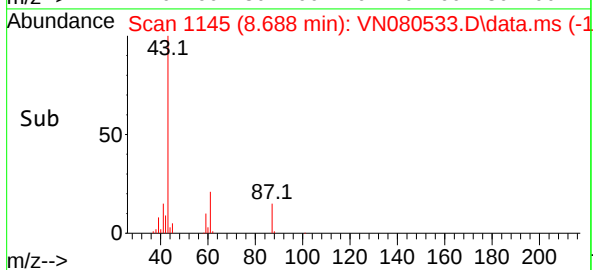
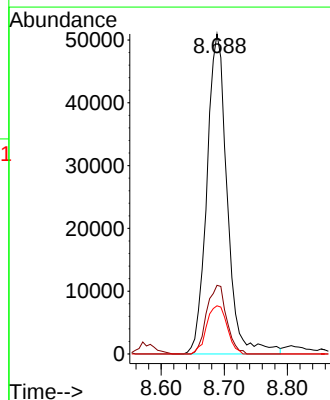
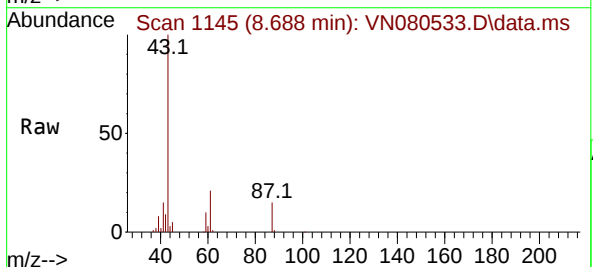
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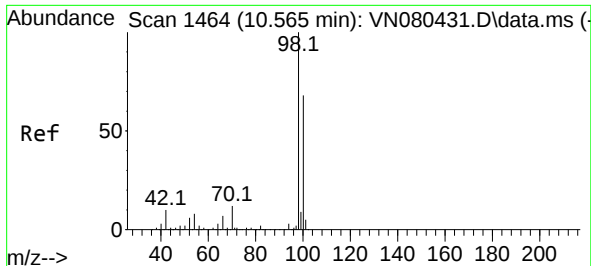
Tgt Ion:113 Resp: 145256
Ion Ratio Lower Upper
113 100
111 101.4 82.6 123.8
192 18.8 12.7 19.1



#43
Isopropyl Acetate
Concen: 21.825 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080533.D
Acq: 19 Dec 2023 20:18

Tgt Ion: 43 Resp: 114028
Ion Ratio Lower Upper
43 100
61 20.9 24.7 37.1#
87 15.2 14.6 21.8

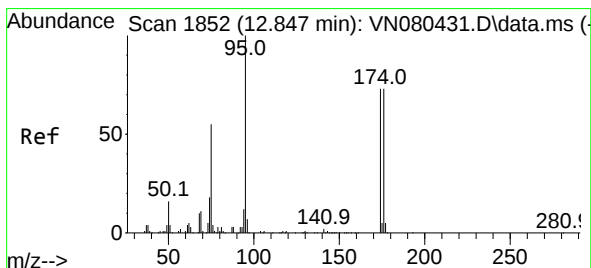
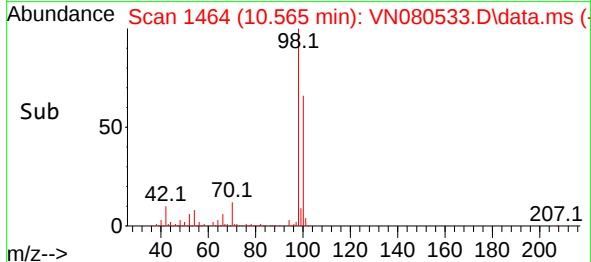
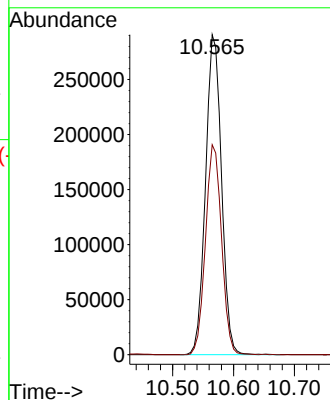
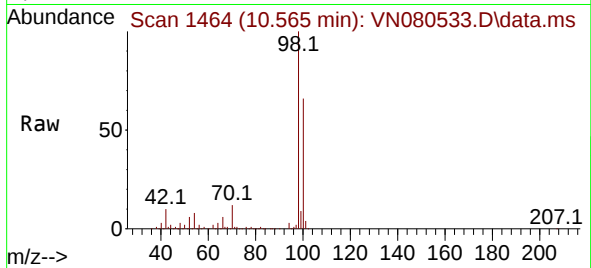




#50
Toluene-d8
Concen: 49.954 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN080533.D
Acq: 19 Dec 2023 20:18

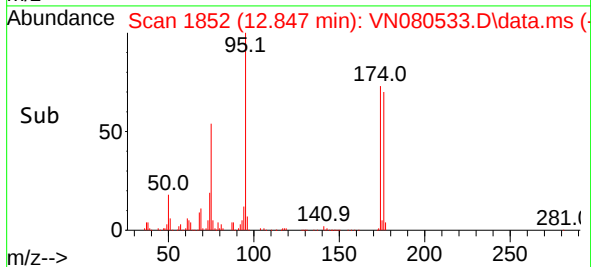
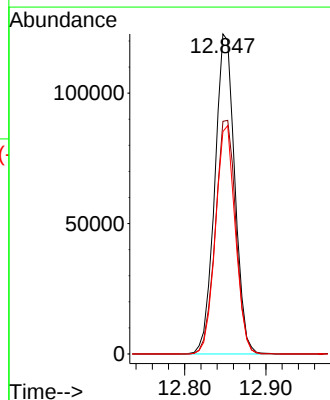
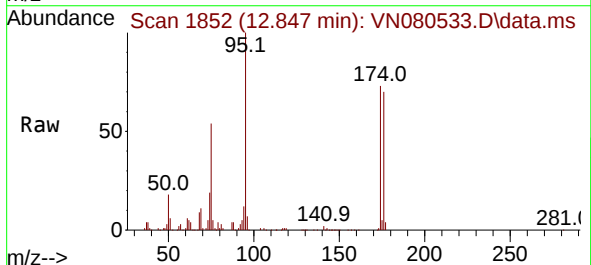
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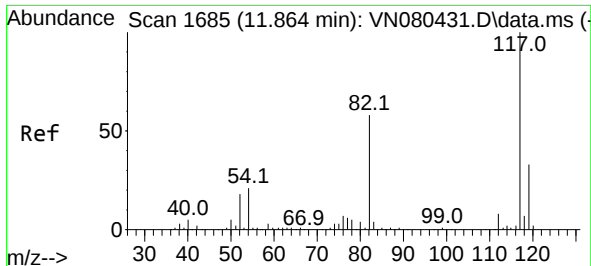
Tgt Ion: 98 Resp: 528715
Ion Ratio Lower Upper
98 100
100 66.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 52.204 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080533.D
Acq: 19 Dec 2023 20:18

Tgt Ion: 95 Resp: 209811
Ion Ratio Lower Upper
95 100
174 75.0 0.0 143.8
176 70.7 0.0 135.8

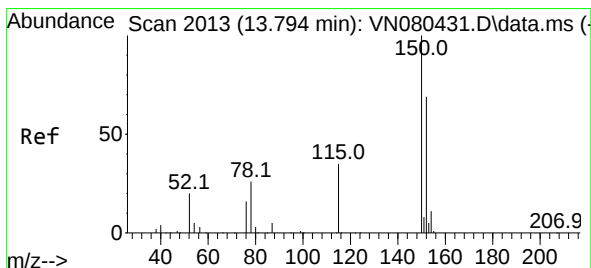
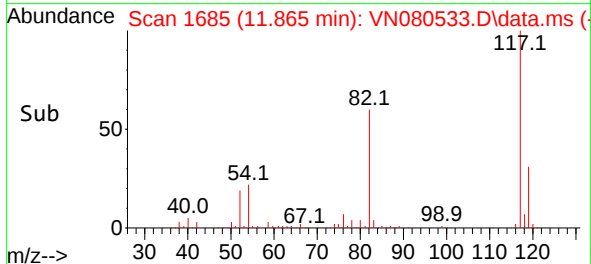
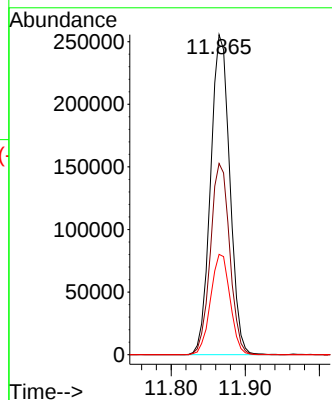
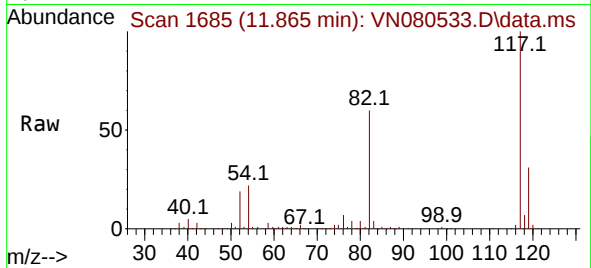




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN080533.D
Acq: 19 Dec 2023 20:18

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:117 Resp: 459831
Ion Ratio Lower Upper
117 100
82 59.8 44.0 66.0
119 31.4 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: VN080533.D
Acq: 19 Dec 2023 20:18

Tgt Ion:152 Resp: 213020
Ion Ratio Lower Upper
152 100
115 66.9 32.3 96.8
150 156.5 0.0 355.8

