

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122923\
 Data File : VN080610.D
 Acq On : 29 Dec 2023 13:12
 Operator : JC\MD
 Sample : PB158132ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB158132ZHE#02

Quant Time: Dec 29 23:41:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122723W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 28 03:07:01 2023
 Response via : Initial Calibration

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

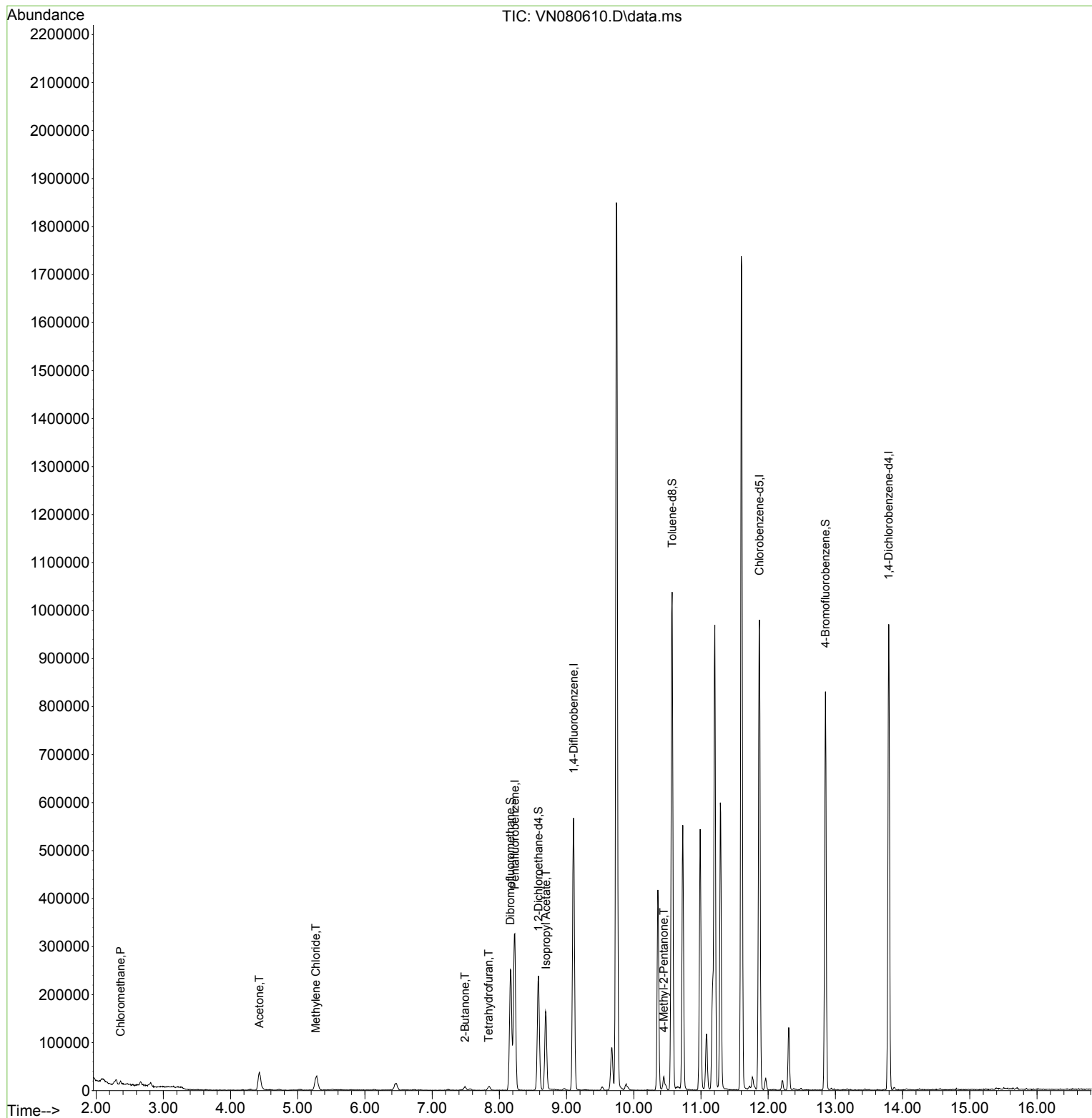
Internal Standards						
1) Pentafluorobenzene	8.230	168	248882	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	499892	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	601370	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	265782	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	193655	60.660	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 121.320%		
35) Dibromofluoromethane	8.165	113	184489	57.063	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 114.120%		
50) Toluene-d8	10.571	98	734358	65.054	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 130.100%#		
62) 4-Bromofluorobenzene	12.853	95	299134	78.739	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 157.480%#		
Target Compounds						
						Qvalue
3) Chloromethane	2.365	50	9026	1.976	ug/l	98
16) Acetone	4.430	43	68070	78.438	ug/l	98
20) Methylene Chloride	5.271	84	25098	9.064	ug/l	94
25) 2-Butanone	7.488	43	11249	6.935	ug/l #	84
29) Tetrahydrofuran	7.841	42	6736	6.368	ug/l #	81
43) Isopropyl Acetate	8.694	43	184137	30.258	ug/l #	88
51) 4-Methyl-2-Pentanone	10.447	43	23837	6.887	ug/l #	83

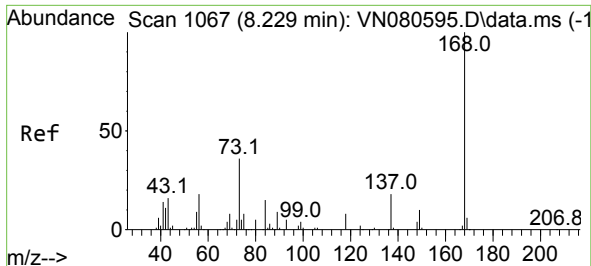
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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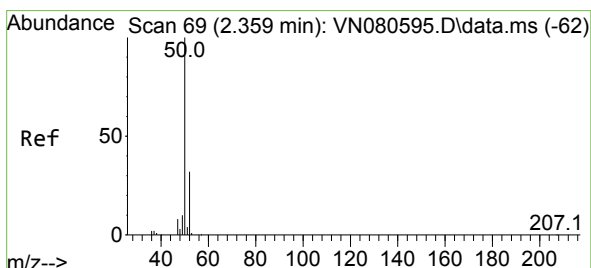
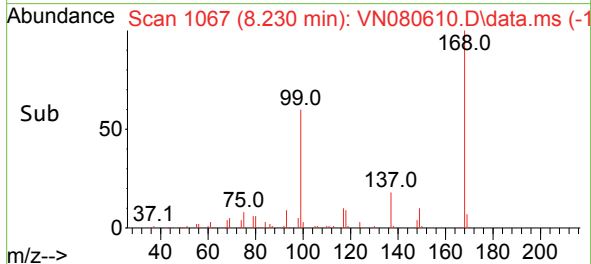
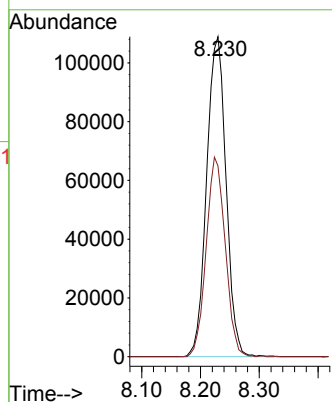
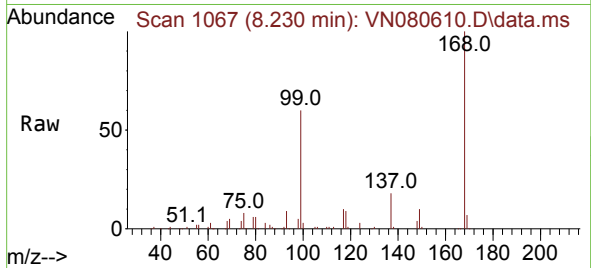




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.001 min
Lab File: VN080610.D
Acq: 29 Dec 2023 13:12

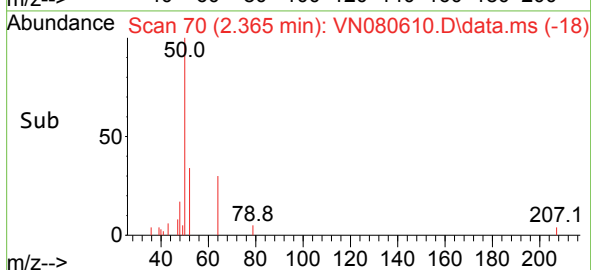
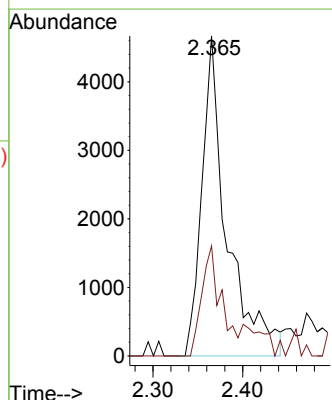
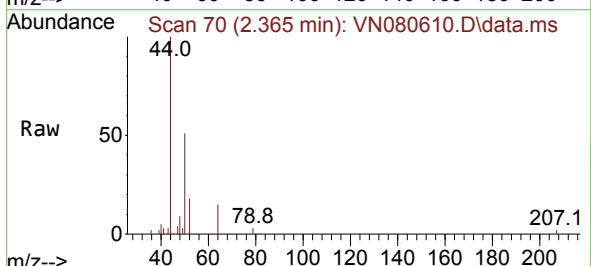
Instrument :
MSVOA_N
ClientSampleId :
PB158132ZHE#02

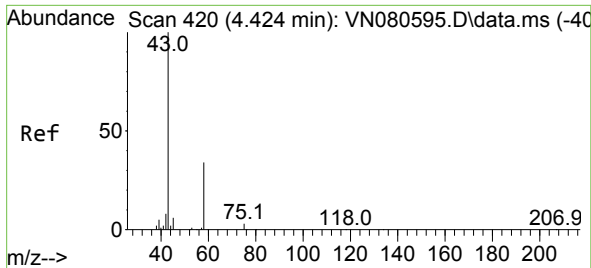
Tgt Ion:168 Resp: 248882
Ion Ratio Lower Upper
168 100
99 59.6 53.0 79.6



#3
Chloromethane
Concen: 1.976 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080610.D
Acq: 29 Dec 2023 13:12

Tgt Ion: 50 Resp: 9026
Ion Ratio Lower Upper
50 100
52 34.4 26.5 39.7

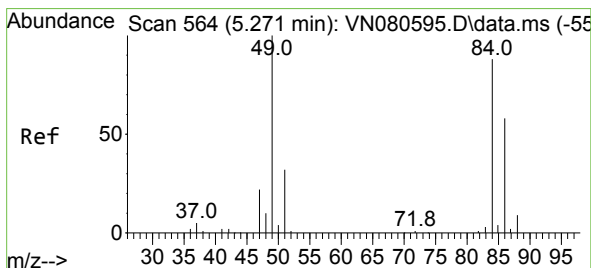
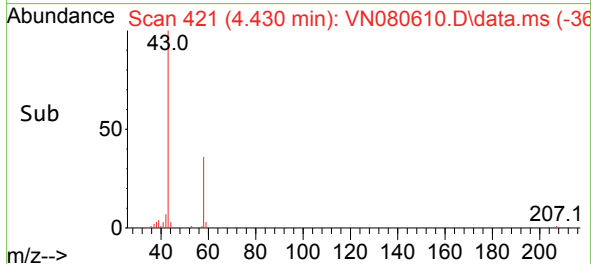
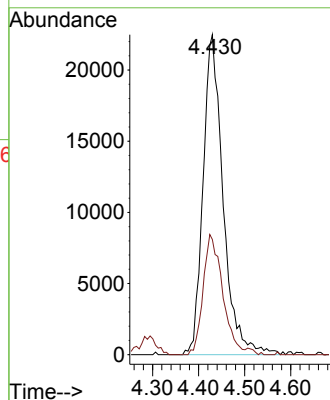
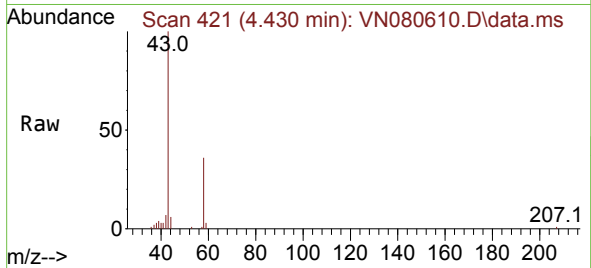




#16
Acetone
Concen: 78.438 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN080610.D
Acq: 29 Dec 2023 13:12

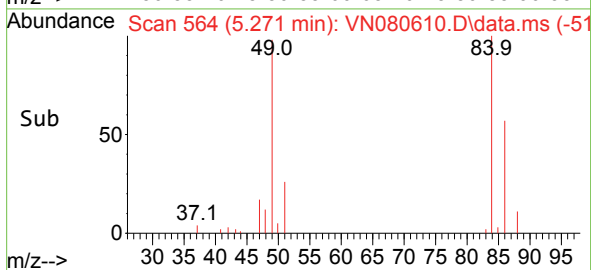
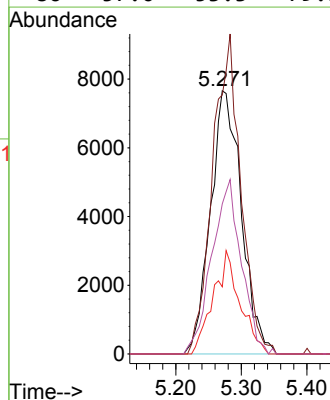
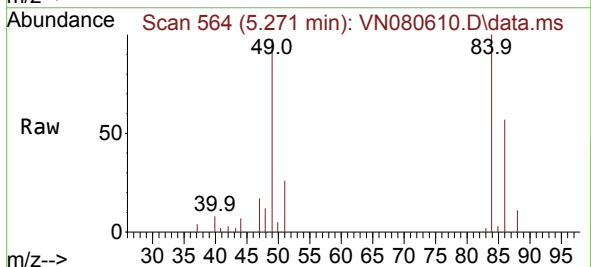
Instrument :
MSVOA_N
ClientSampleId :
PB158132ZHE#02

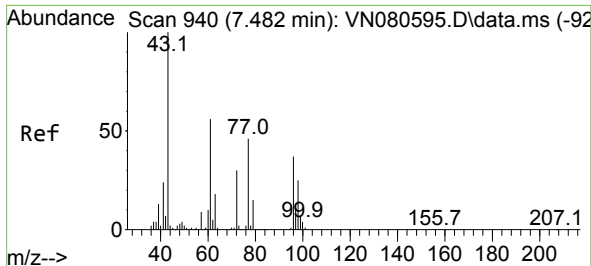
Tgt Ion: 43 Resp: 68070
Ion Ratio Lower Upper
43 100
58 36.0 28.0 42.0



#20
Methylene Chloride
Concen: 9.064 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN080610.D
Acq: 29 Dec 2023 13:12

Tgt Ion: 84 Resp: 25098
Ion Ratio Lower Upper
84 100
49 98.4 79.7 119.5
51 25.5 25.2 37.8
86 57.0 53.3 79.9

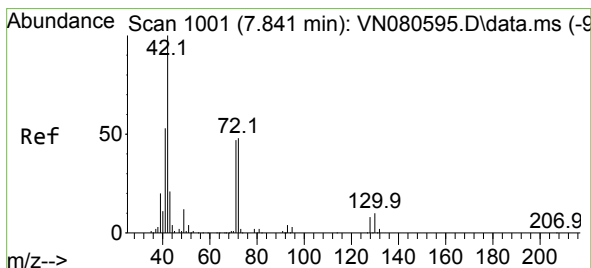
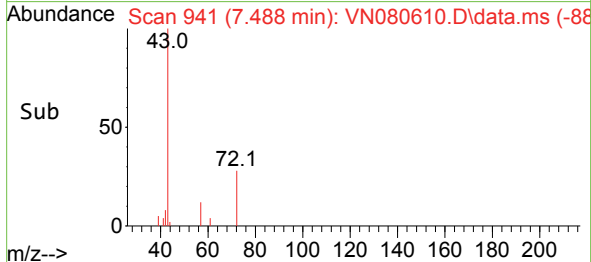
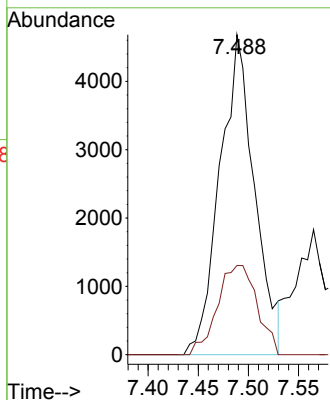
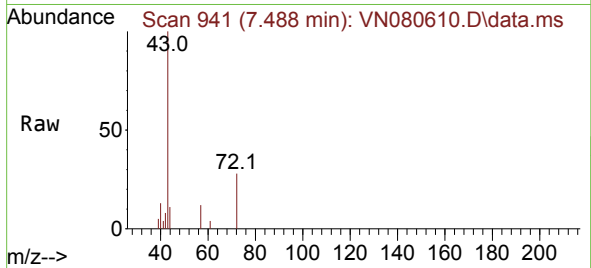




#25
2-Butanone
Concen: 6.935 ug/l
RT: 7.488 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN080610.D
Acq: 29 Dec 2023 13:12

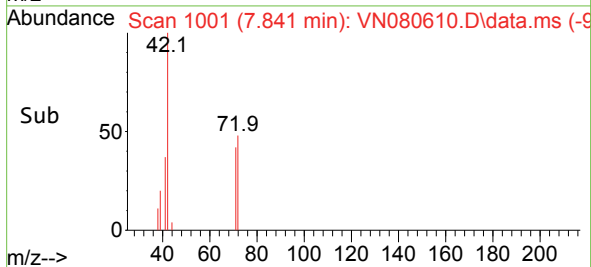
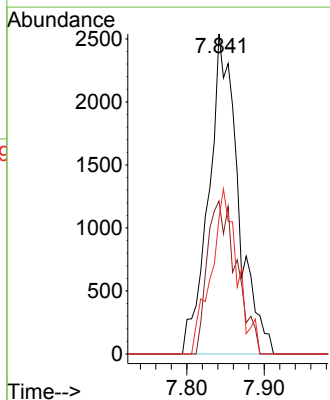
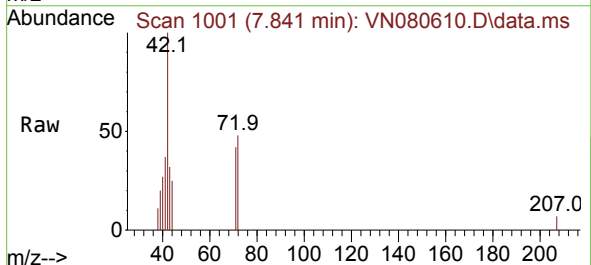
Instrument :
MSVOA_N
ClientSampleId :
PB158132ZHE#02

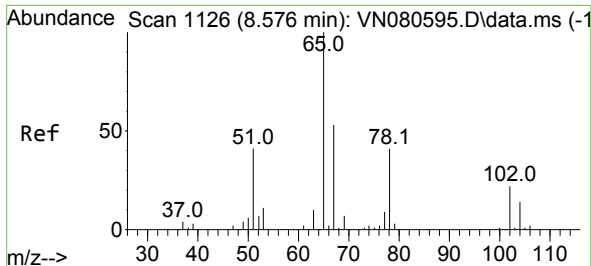
Tgt Ion: 43 Resp: 11249
Ion Ratio Lower Upper
43 100
72 27.8 30.2 45.2#



#29
Tetrahydrofuran
Concen: 6.368 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VN080610.D
Acq: 29 Dec 2023 13:12

Tgt Ion: 42 Resp: 6736
Ion Ratio Lower Upper
42 100
72 47.4 49.8 74.6#
71 45.8 47.4 71.2#





#33

1,2-Dichloroethane-d4

Concen: 60.660 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN080610.D

Acq: 29 Dec 2023 13:12

Instrument :

MSVOA_N

ClientSampleId :

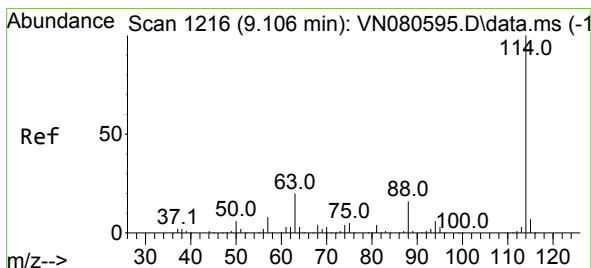
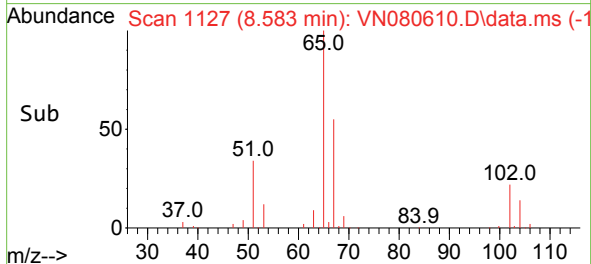
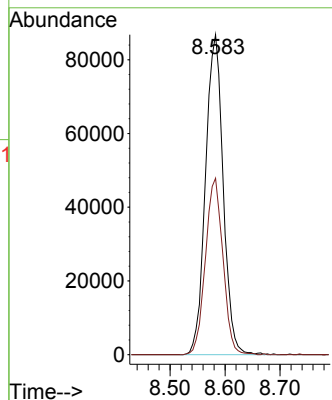
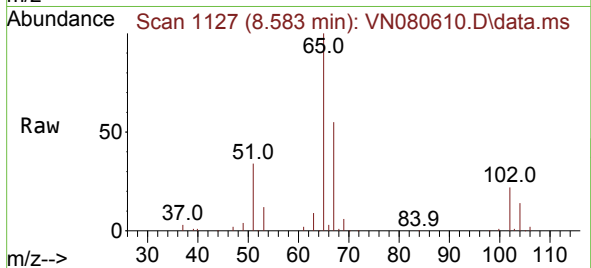
PB158132ZHE#02

Tgt Ion: 65 Resp: 193655

Ion Ratio Lower Upper

65 100

67 54.6 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN080610.D

Acq: 29 Dec 2023 13:12

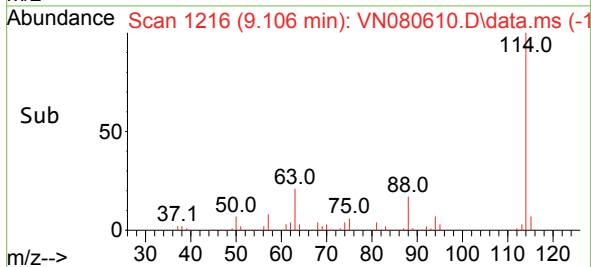
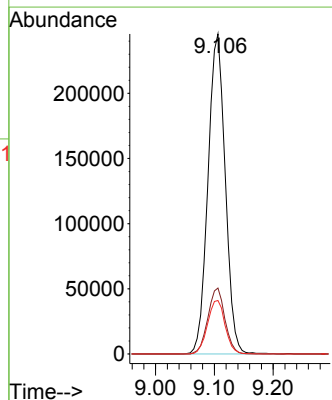
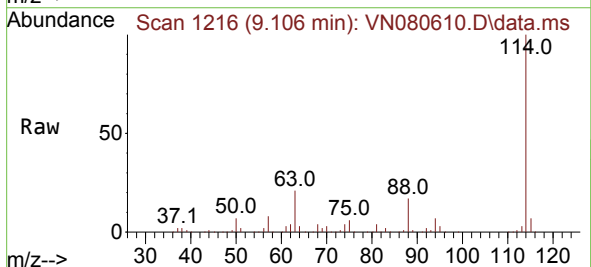
Tgt Ion: 114 Resp: 499892

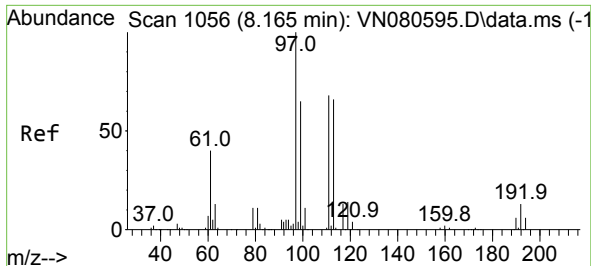
Ion Ratio Lower Upper

114 100

63 20.6 0.0 36.4

88 16.7 0.0 30.6

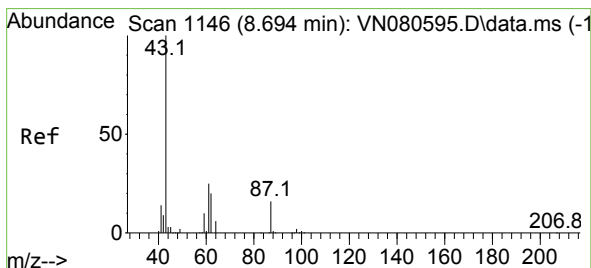
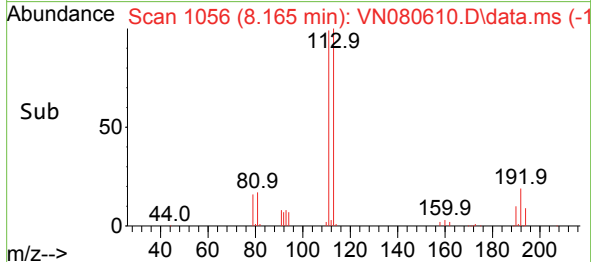
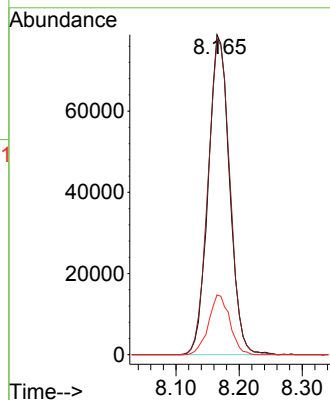
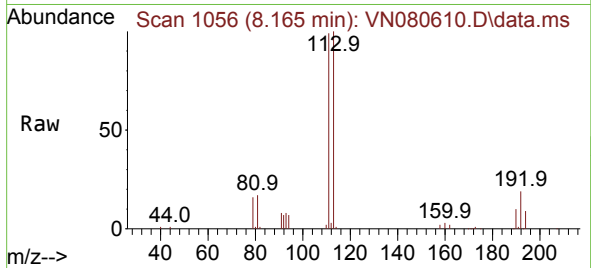




#35
 Dibromofluoromethane
 Concen: 57.063 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.000 min
 Lab File: VN080610.D
 Acq: 29 Dec 2023 13:12

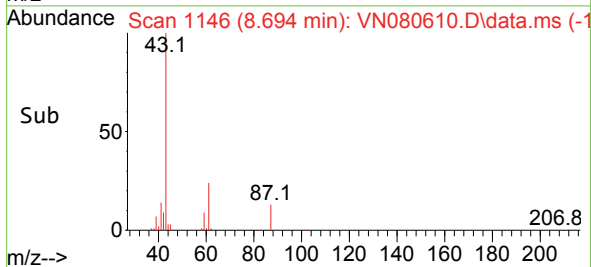
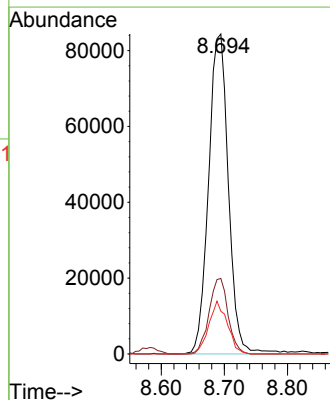
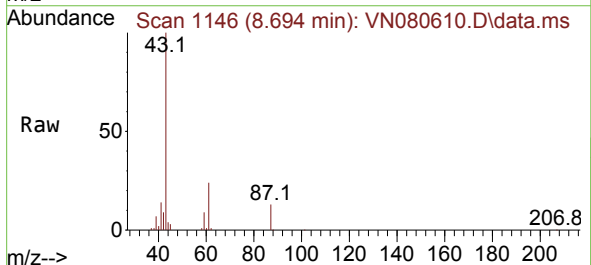
Instrument :
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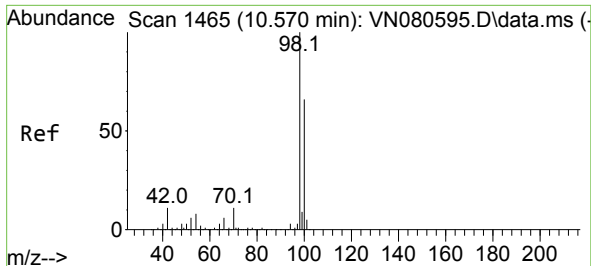
Tgt Ion:113 Resp: 184489
 Ion Ratio Lower Upper
 113 100
 111 101.3 82.6 123.8
 192 18.6 12.7 19.1



#43
 Isopropyl Acetate
 Concen: 30.258 ug/l
 RT: 8.694 min Scan# 1146
 Delta R.T. 0.000 min
 Lab File: VN080610.D
 Acq: 29 Dec 2023 13:12

Tgt Ion: 43 Resp: 184137
 Ion Ratio Lower Upper
 43 100
 61 22.6 24.7 37.1#
 87 15.4 14.6 21.8

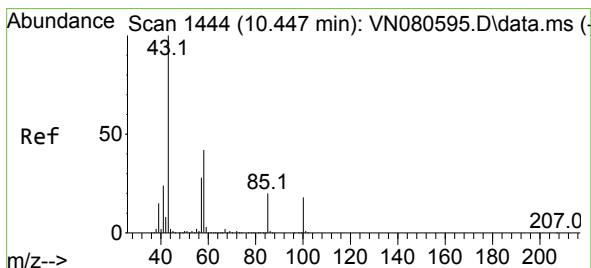
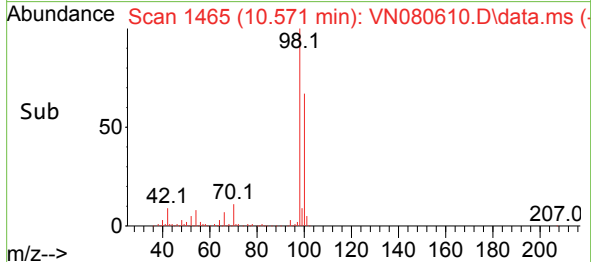
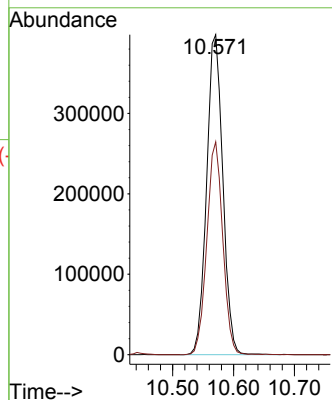
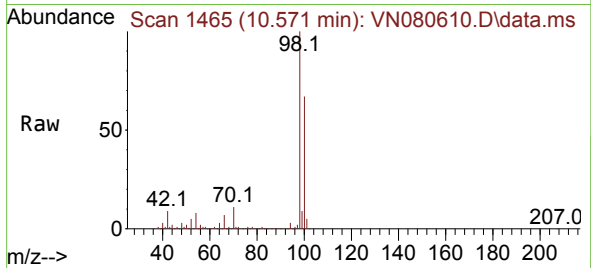




#50
Toluene-d8
Concen: 65.054 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN080610.D
Acq: 29 Dec 2023 13:12

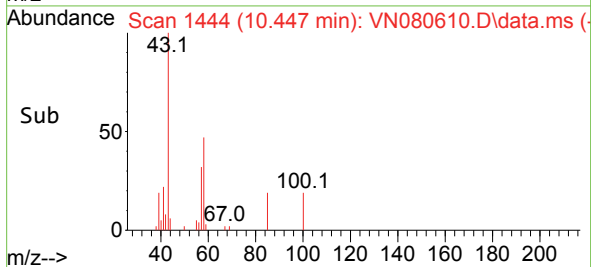
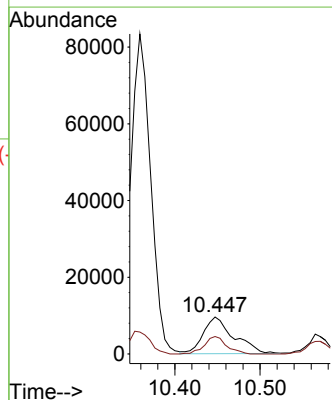
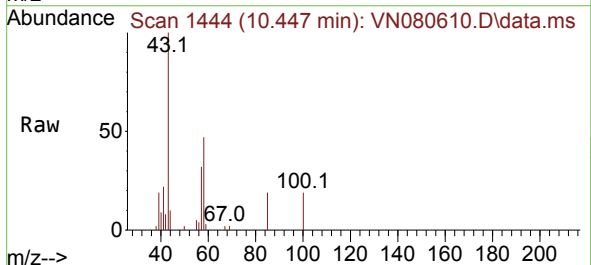
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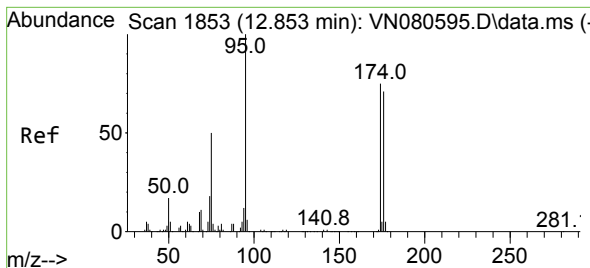
Tgt Ion: 98 Resp: 734358
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 6.887 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080610.D
Acq: 29 Dec 2023 13:12

Tgt Ion: 43 Resp: 23837
Ion Ratio Lower Upper
43 100
58 34.6 36.6 54.8#

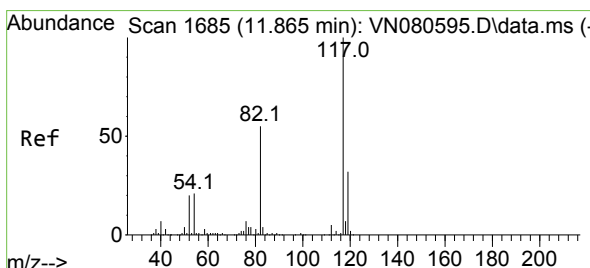
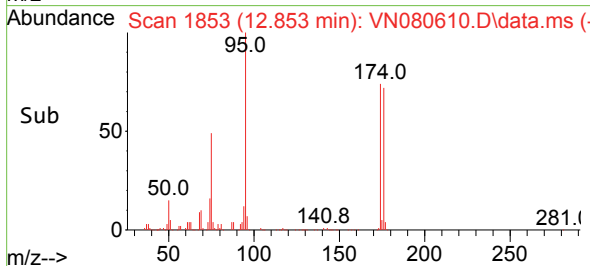
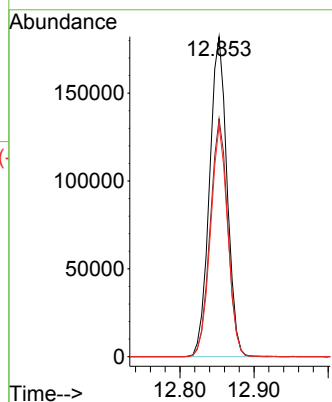
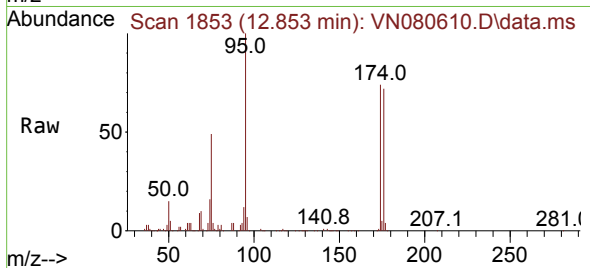




#62
4-Bromofluorobenzene
Concen: 78.739 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080610.D
Acq: 29 Dec 2023 13:12

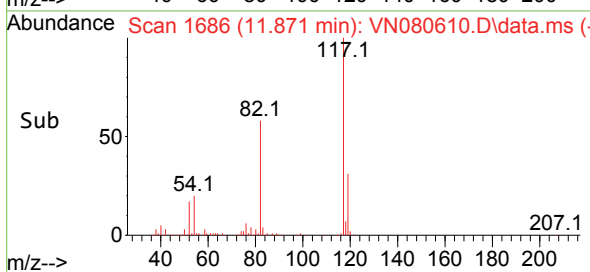
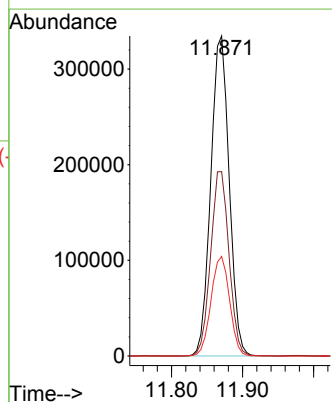
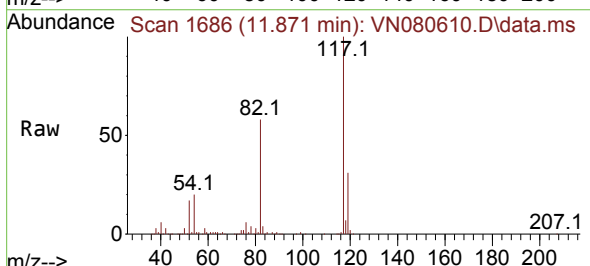
Instrument :
MSVOA_N
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PB158132ZHE#02

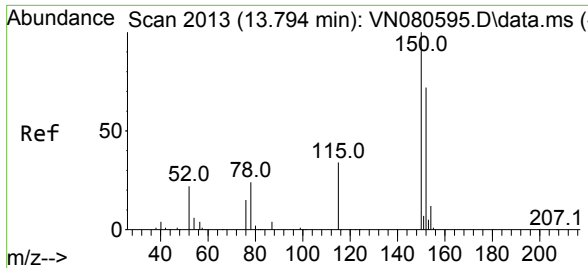
Tgt Ion: 95 Resp: 299134
Ion Ratio Lower Upper
95 100
174 74.3 0.0 143.8
176 71.0 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080610.D
Acq: 29 Dec 2023 13:12

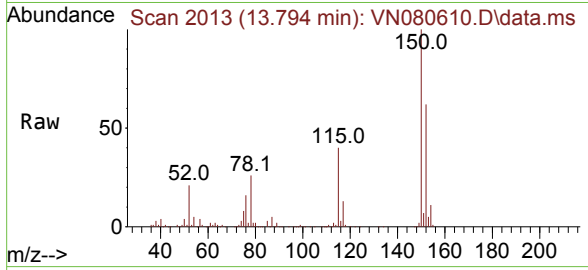
Tgt Ion: 117 Resp: 601370
Ion Ratio Lower Upper
117 100
82 57.6 44.0 66.0
119 31.1 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN080610.D
 Acq: 29 Dec 2023 13:12

Instrument :
 MSVOA_N
 ClientSampleId :
 PB158132ZHE#02



Tgt Ion:152 Resp: 265782
 Ion Ratio Lower Upper
 152 100
 115 62.7 32.3 96.8
 150 160.1 0.0 355.8

