

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122923\
 Data File : VN080614.D
 Acq On : 29 Dec 2023 14:47
 Operator : JC\MD
 Sample : PB158132ZHE#06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB158132ZHE#06

Quant Time: Dec 29 23:43:20 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)

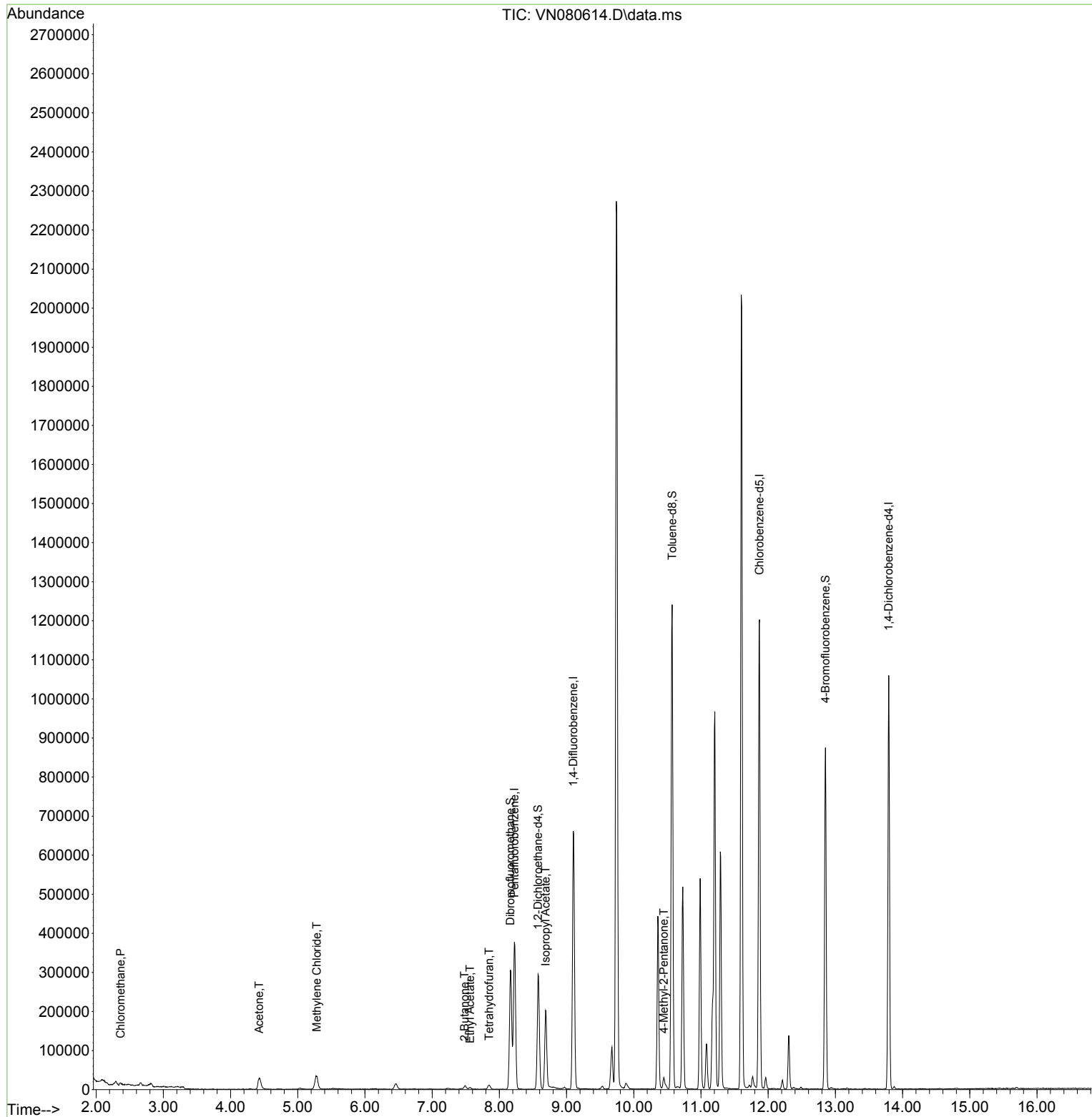
Internal Standards						
1) Pentafluorobenzene	8.224	168	277633	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	579560	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	695008	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	279354	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	240080	67.414	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	=	134.820%#	
35) Dibromofluoromethane	8.165	113	220857	58.921	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	=	117.840%	
50) Toluene-d8	10.571	98	856576	65.450	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	=	130.900%#	
62) 4-Bromofluorobenzene	12.853	95	310414	70.476	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery	=	140.960%#	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	9436	1.802	ug/l	97
16) Acetone	4.424	43	56450	58.312	ug/l	95
20) Methylene Chloride	5.283	84	27907	9.035	ug/l #	85
25) 2-Butanone	7.483	43	14744	8.149	ug/l #	76
29) Tetrahydrofuran	7.847	42	7700	6.525	ug/l #	84
37) Ethyl Acetate	7.565	43	6573	1.510	ug/l #	91
43) Isopropyl Acetate	8.688	43	221838	31.442	ug/l #	85
51) 4-Methyl-2-Pentanone	10.447	43	25462	6.345	ug/l #	80

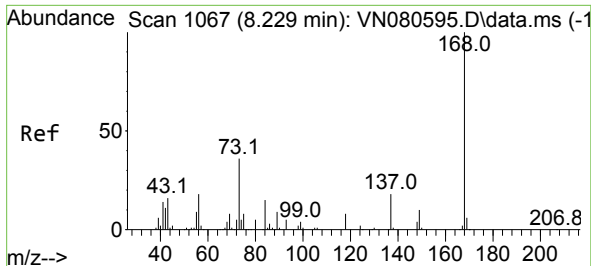
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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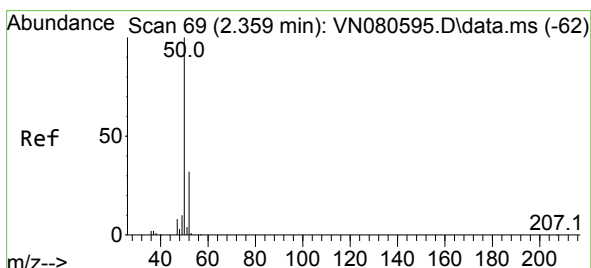
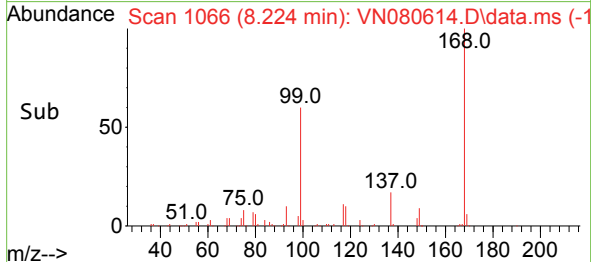
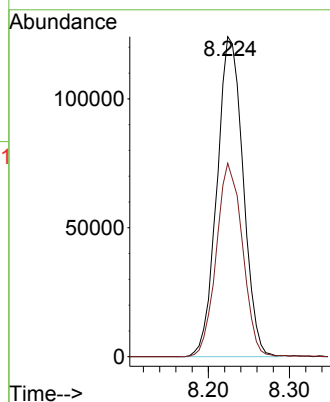
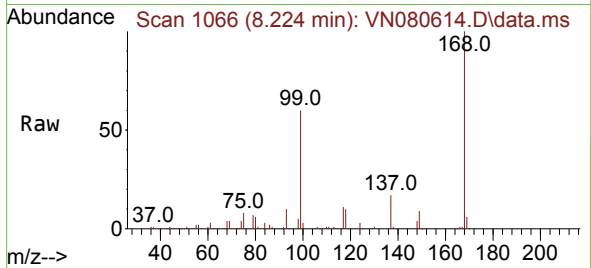




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.005 min
Lab File: VN080614.D
Acq: 29 Dec 2023 14:47

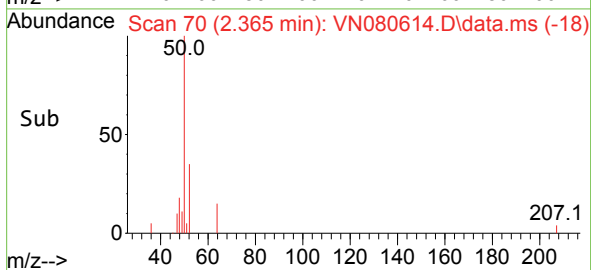
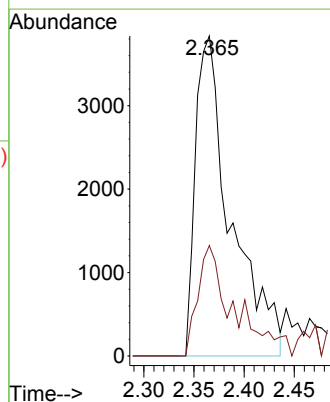
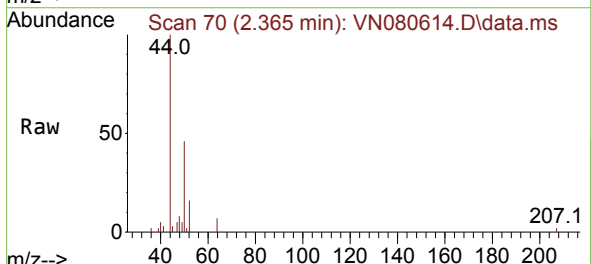
Instrument :
MSVOA_N
ClientSampleId :
PB158132ZHE#06

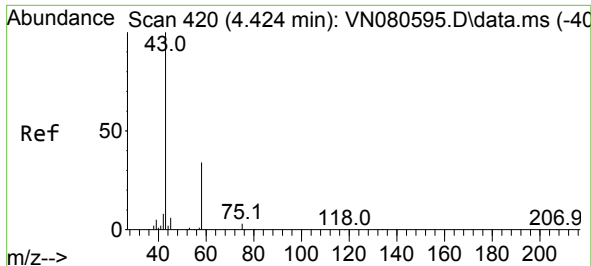
Tgt Ion:168 Resp: 277633
Ion Ratio Lower Upper
168 100
99 60.5 53.0 79.6



#3
Chloromethane
Concen: 1.802 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080614.D
Acq: 29 Dec 2023 14:47

Tgt Ion: 50 Resp: 9436
Ion Ratio Lower Upper
50 100
52 34.5 26.5 39.7

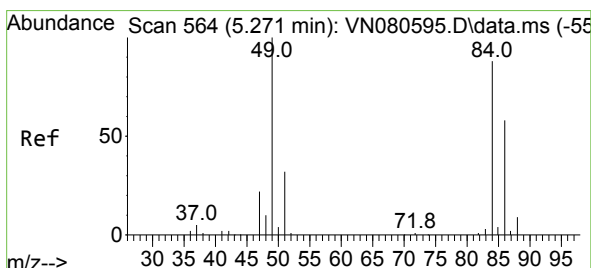
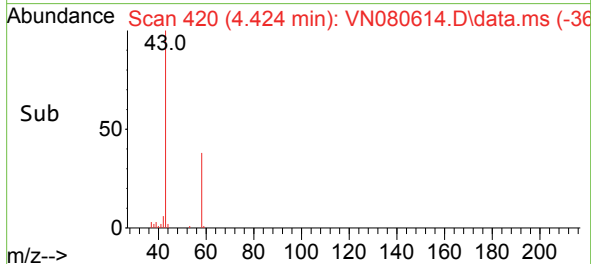
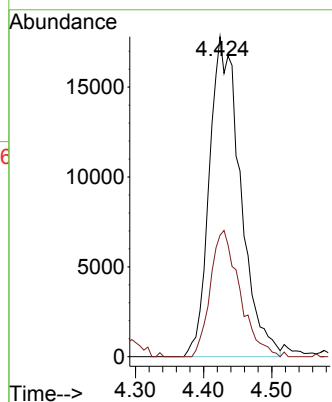
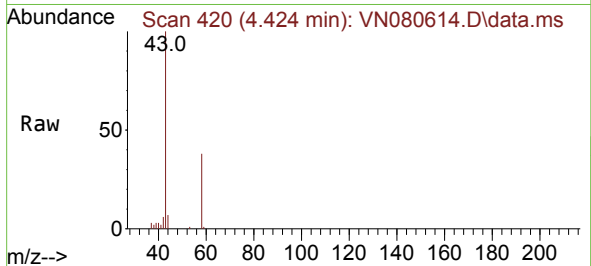




#16
Acetone
Concen: 58.312 ug/l
RT: 4.424 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN080614.D
Acq: 29 Dec 2023 14:47

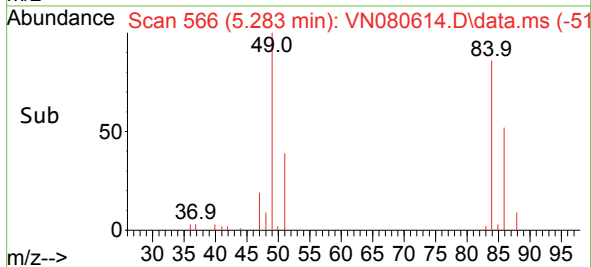
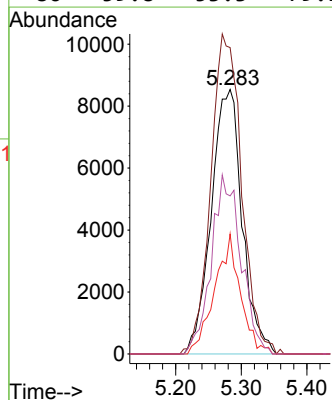
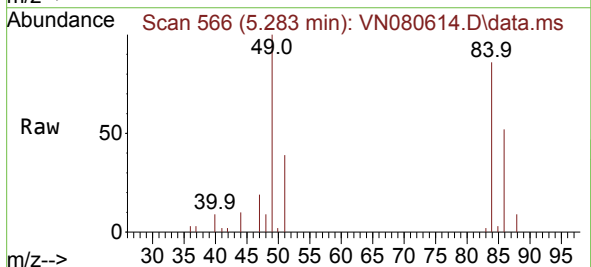
Instrument :
MSVOA_N
ClientSampleId :
PB158132ZHE#06

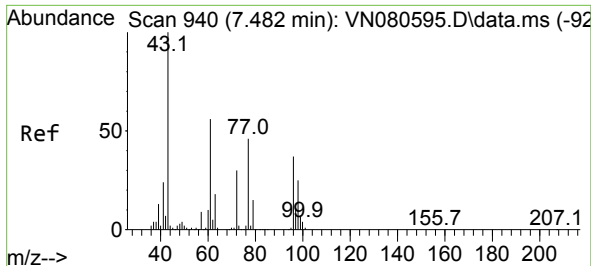
Tgt Ion: 43 Resp: 56450
Ion Ratio Lower Upper
43 100
58 37.9 28.0 42.0



#20
Methylene Chloride
Concen: 9.035 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.012 min
Lab File: VN080614.D
Acq: 29 Dec 2023 14:47

Tgt Ion: 84 Resp: 27907
Ion Ratio Lower Upper
84 100
49 115.8 79.7 119.5
51 45.4 25.2 37.8#
86 59.8 53.3 79.9

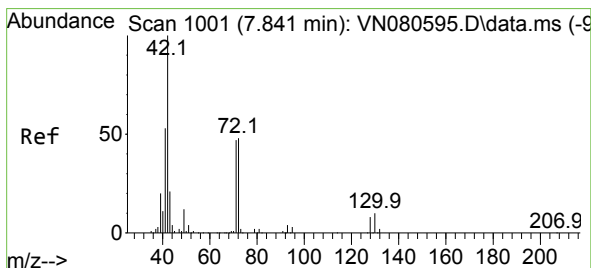
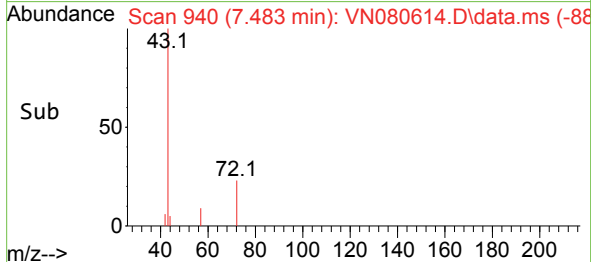
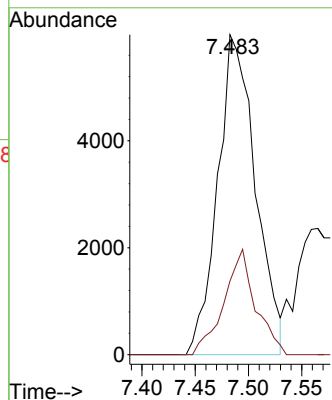
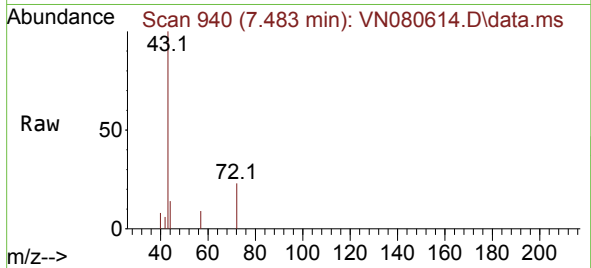




#25
2-Butanone
Concen: 8.149 ug/l
RT: 7.483 min Scan# 94
Delta R.T. 0.000 min
Lab File: VN080614.D
Acq: 29 Dec 2023 14:47

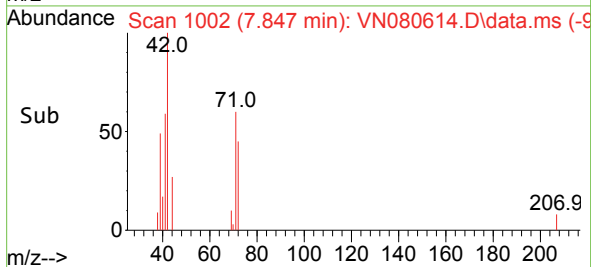
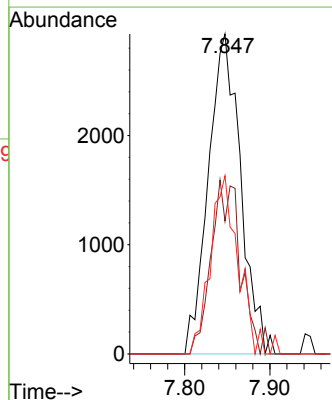
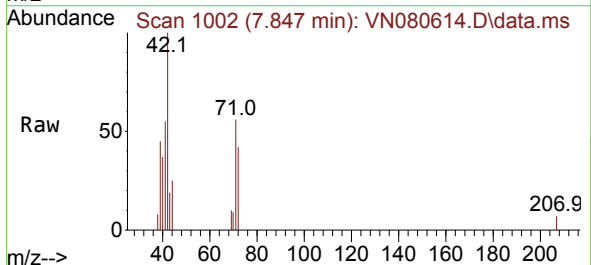
Instrument :
MSVOA_N
ClientSampleId :
PB158132ZHE#06

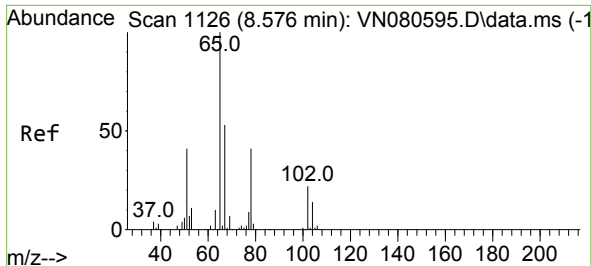
Tgt Ion: 43 Resp: 14744
Ion Ratio Lower Upper
43 100
72 23.0 30.2 45.2#



#29
Tetrahydrofuran
Concen: 6.525 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VN080614.D
Acq: 29 Dec 2023 14:47

Tgt Ion: 42 Resp: 7700
Ion Ratio Lower Upper
42 100
72 49.7 49.8 74.6#
71 47.6 47.4 71.2





#33

1,2-Dichloroethane-d4

Concen: 67.414 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080614.D

Acq: 29 Dec 2023 14:47

Instrument :

MSVOA_N

ClientSampleId :

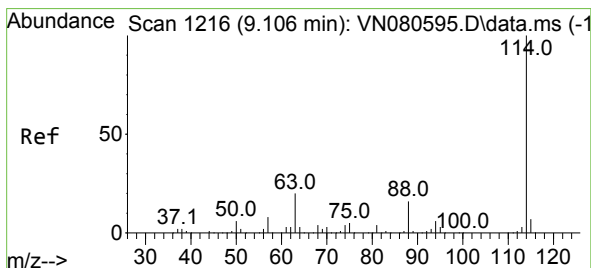
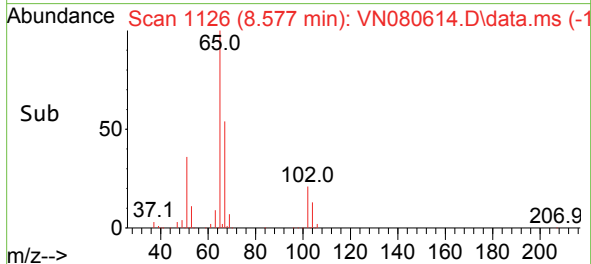
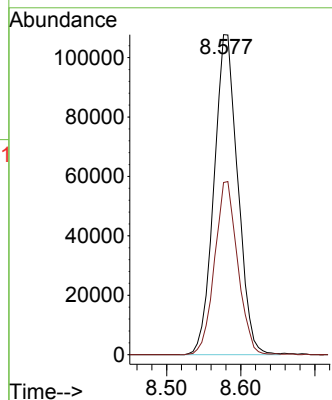
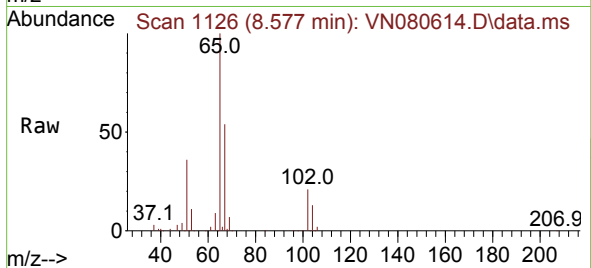
PB158132ZHE#06

Tgt Ion: 65 Resp: 240080

Ion Ratio Lower Upper

65 100

67 52.6 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN080614.D

Acq: 29 Dec 2023 14:47

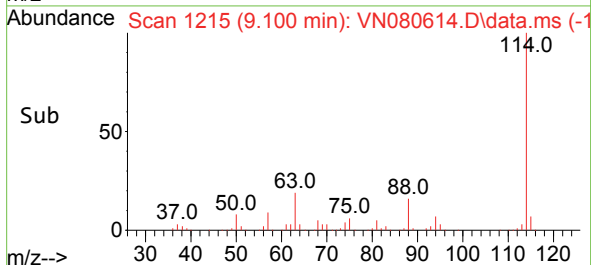
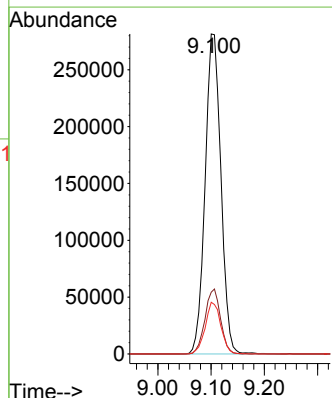
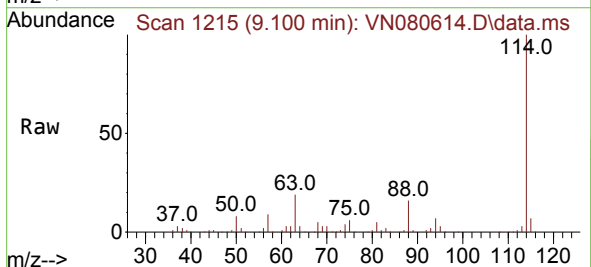
Tgt Ion: 114 Resp: 579560

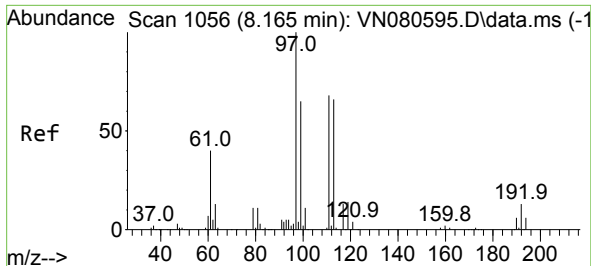
Ion Ratio Lower Upper

114 100

63 19.3 0.0 36.4

88 16.2 0.0 30.6

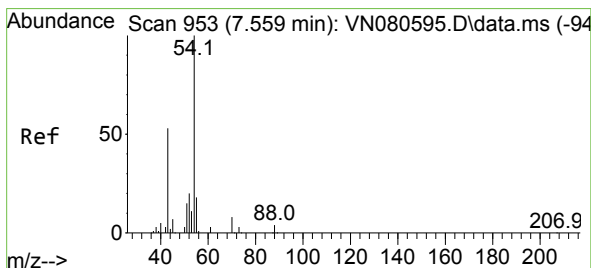
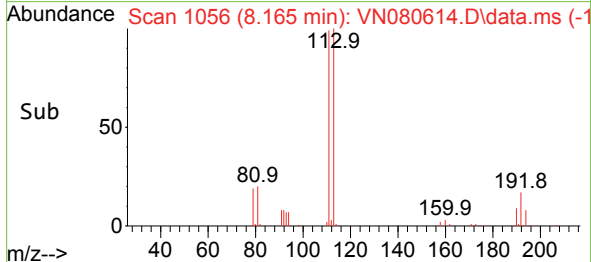
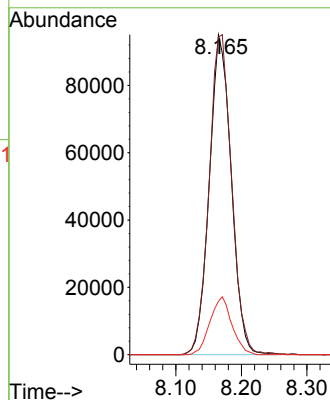
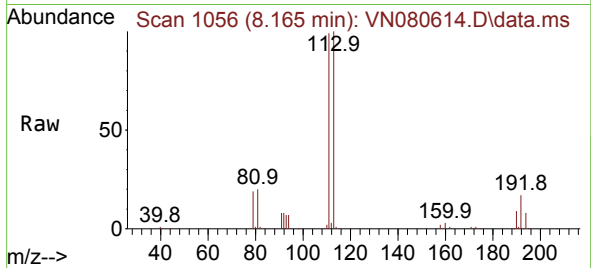




#35
Dibromofluoromethane
Concen: 58.921 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080614.D
Acq: 29 Dec 2023 14:47

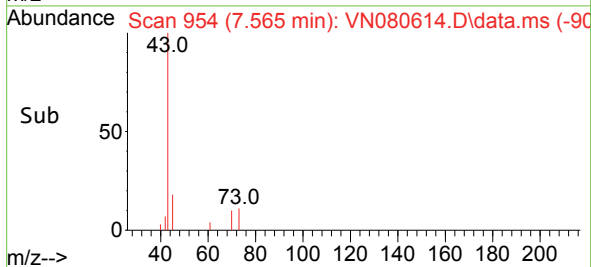
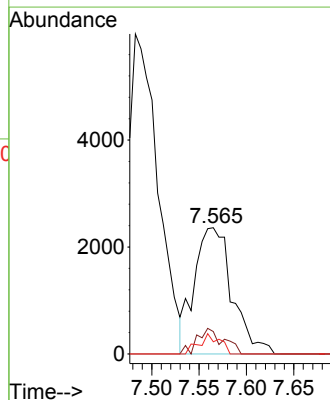
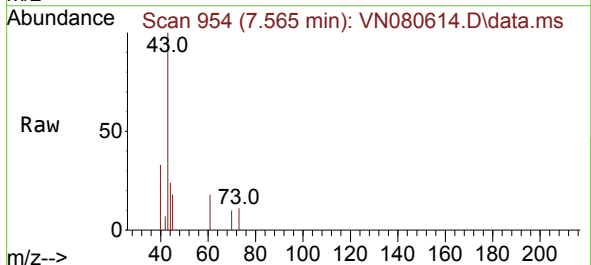
Instrument :
MSVOA_N
ClientSampleId :
PB158132ZHE#06

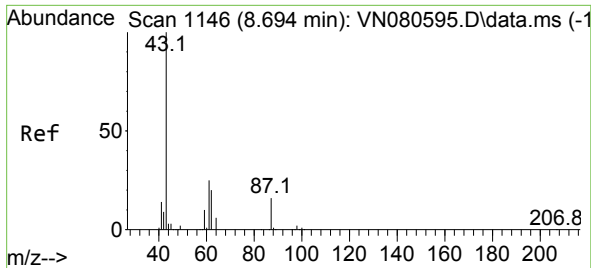
Tgt Ion:113 Resp: 220857
Ion Ratio Lower Upper
113 100
111 102.8 82.6 123.8
192 18.1 12.7 19.1



#37
Ethyl Acetate
Concen: 1.510 ug/l
RT: 7.565 min Scan# 954
Delta R.T. 0.006 min
Lab File: VN080614.D
Acq: 29 Dec 2023 14:47

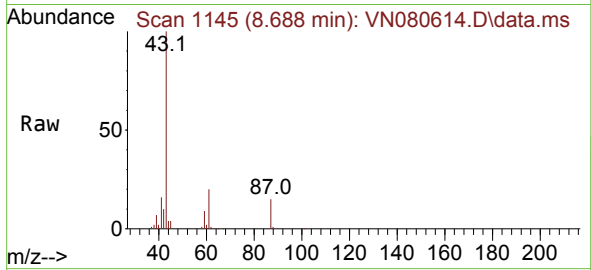
Tgt Ion: 43 Resp: 6573
Ion Ratio Lower Upper
43 100
61 13.9 13.2 19.8
70 8.7 11.3 16.9#



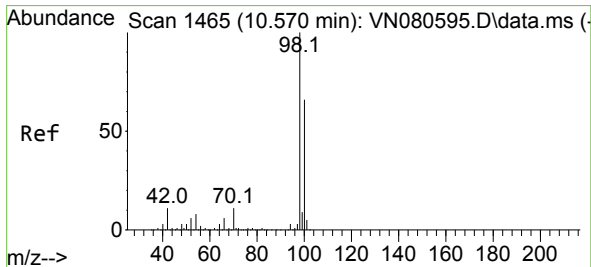
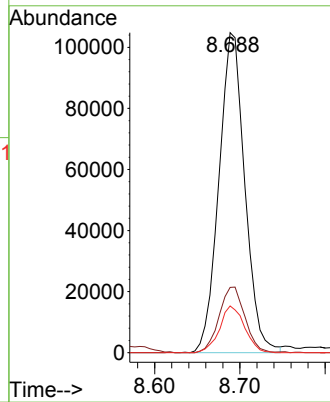
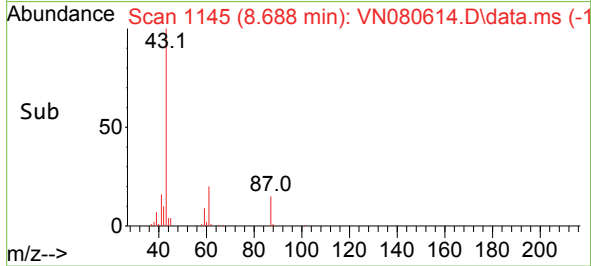


#43
Isopropyl Acetate
Concen: 31.442 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN080614.D
Acq: 29 Dec 2023 14:47

Instrument :
MSVOA_N
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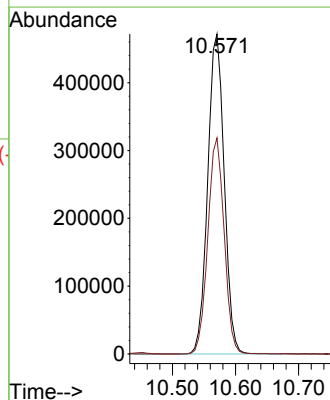
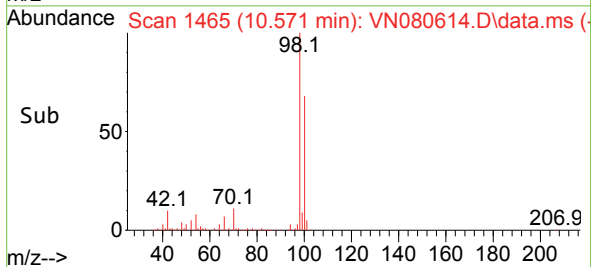
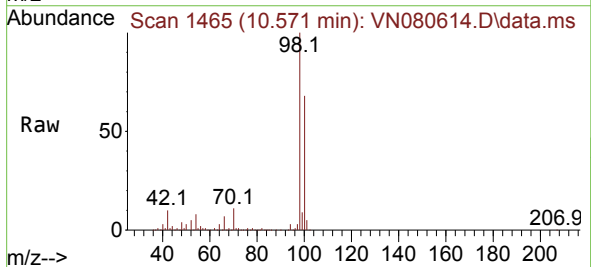


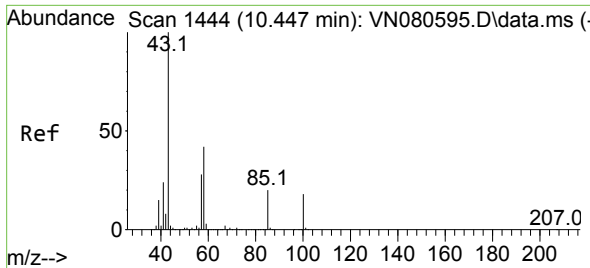
Tgt Ion: 43 Resp: 221838
Ion Ratio Lower Upper
43 100
61 20.5 24.7 37.1#
87 14.1 14.6 21.8#



#50
Toluene-d8
Concen: 65.450 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN080614.D
Acq: 29 Dec 2023 14:47

Tgt Ion: 98 Resp: 856576
Ion Ratio Lower Upper
98 100
100 66.8 52.0 78.0

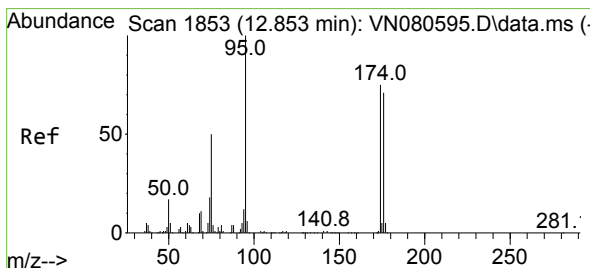
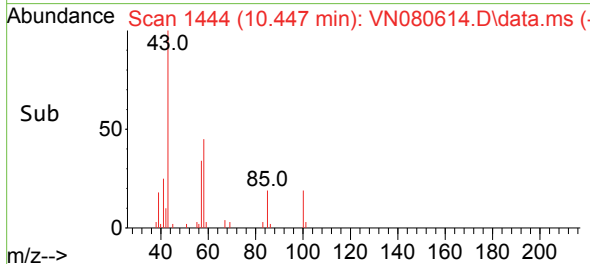
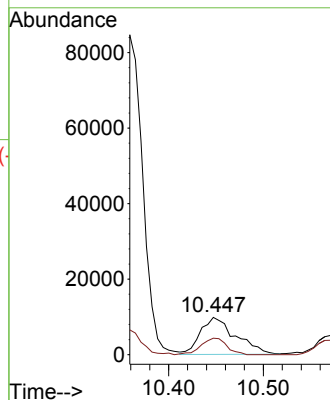
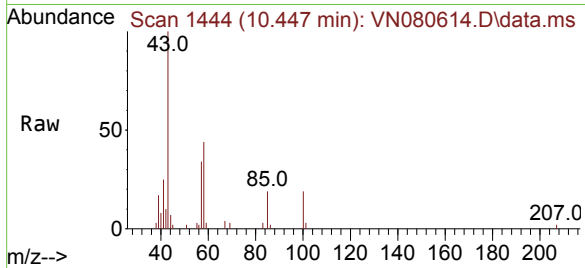




#51
4-Methyl-2-Pentanone
Concen: 6.345 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080614.D
Acq: 29 Dec 2023 14:47

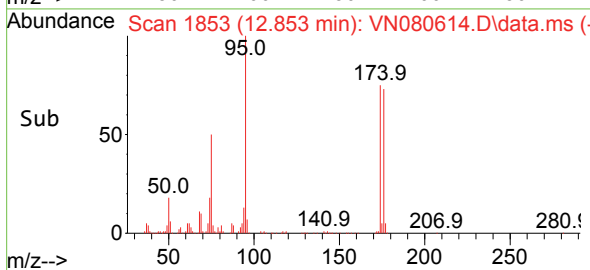
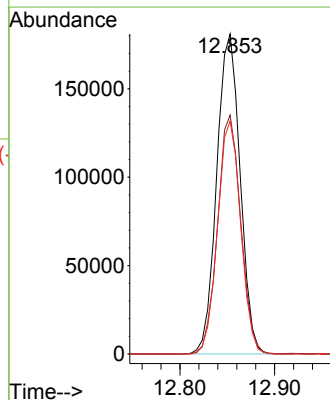
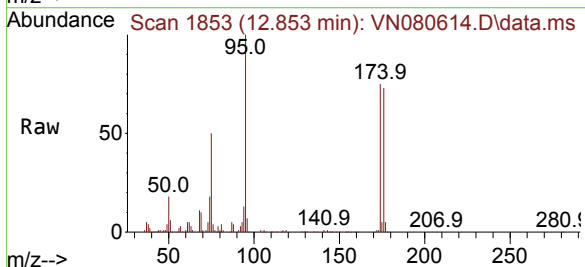
Instrument :
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PB158132ZHE#06

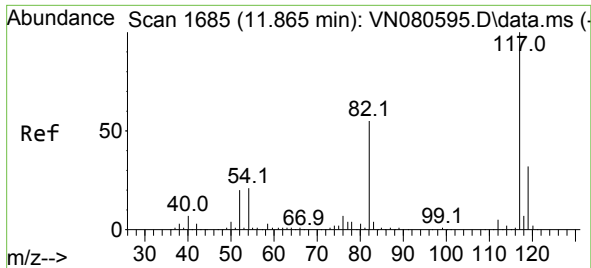
Tgt Ion: 43 Resp: 25462
Ion Ratio Lower Upper
43 100
58 32.4 36.6 54.8#



#62
4-Bromofluorobenzene
Concen: 70.476 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN080614.D
Acq: 29 Dec 2023 14:47

Tgt Ion: 95 Resp: 310414
Ion Ratio Lower Upper
95 100
174 73.9 0.0 143.8
176 71.5 0.0 135.8

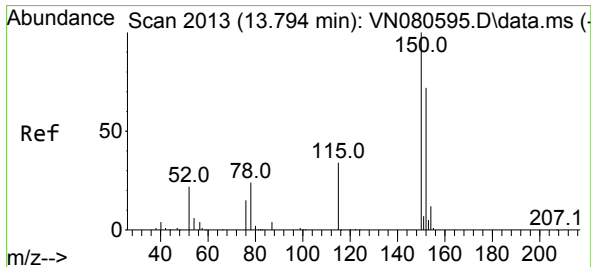
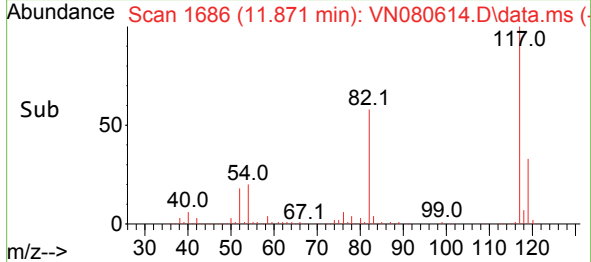
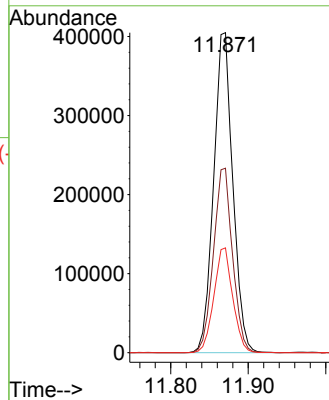
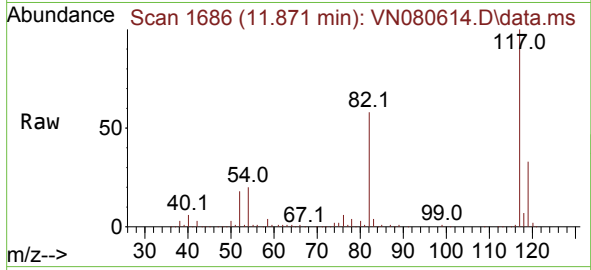




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN080614.D
Acq: 29 Dec 2023 14:47

Instrument :
MSVOA_N
ClientSampleId :
PB158132ZHE#06

Tgt Ion:117 Resp: 695008
Ion Ratio Lower Upper
117 100
82 57.6 44.0 66.0
119 32.7 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: VN080614.D
Acq: 29 Dec 2023 14:47

Tgt Ion:152 Resp: 279354
Ion Ratio Lower Upper
152 100
115 61.9 32.3 96.8
150 157.8 0.0 355.8

