

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081623\
 Data File : VN078899.D
 Acq On : 16 Aug 2023 13:40
 Operator : JC\MD
 Sample : PB154855ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB154855ZHE#02

Quant Time: Aug 17 01:15:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

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

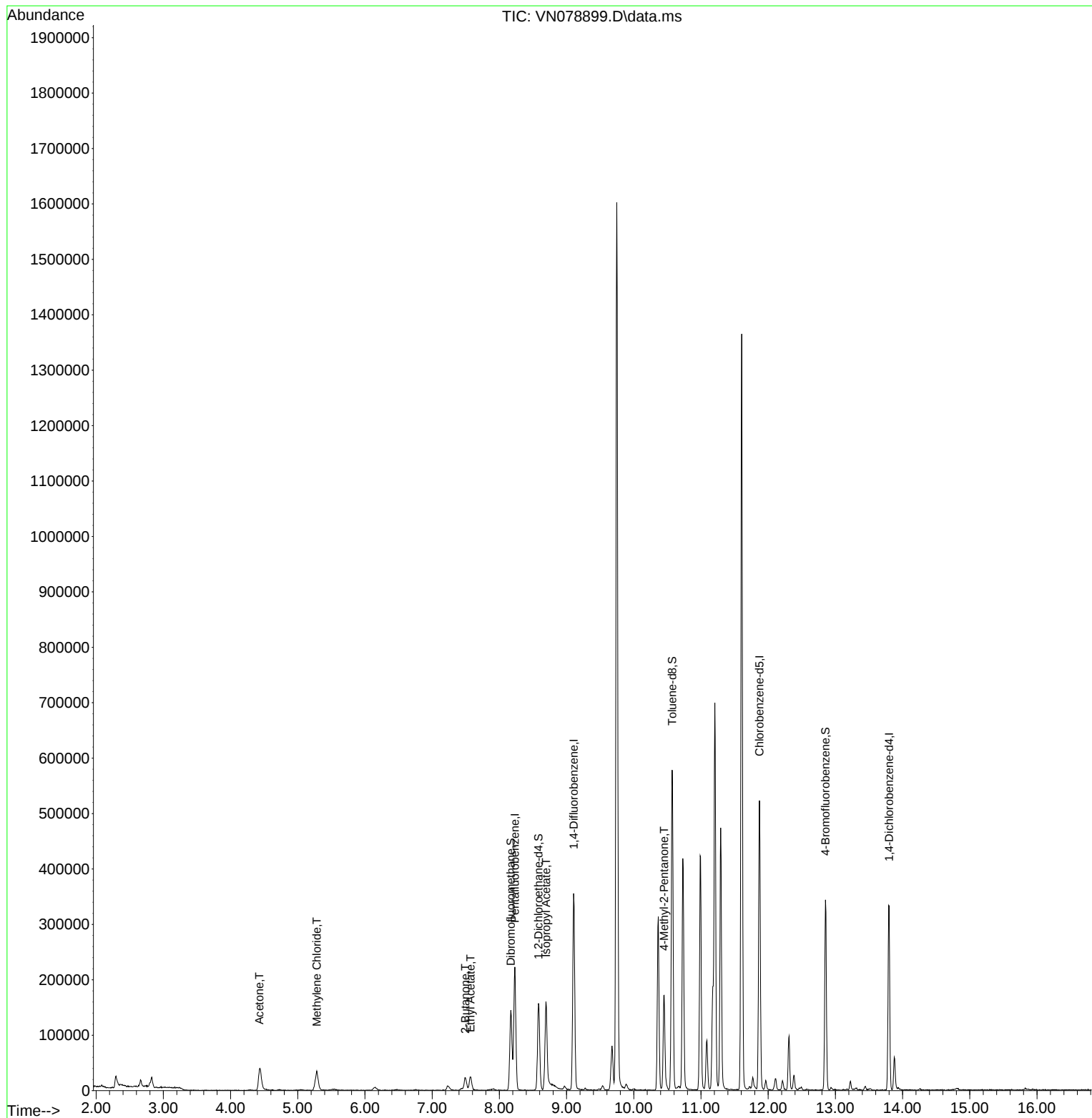
Internal Standards						
1) Pentafluorobenzene	8.230	168	148917	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	288702	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	282270	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	84686	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	125934	54.346	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 108.700%		
35) Dibromofluoromethane	8.171	113	100055	51.485	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 102.960%		
50) Toluene-d8	10.571	98	384787	53.324	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 106.640%		
62) 4-Bromofluorobenzene	12.853	95	111977	47.476	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 94.960%		
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	77679	81.242	ug/l	89
20) Methylene Chloride	5.283	84	23287	11.429	ug/l #	78
25) 2-Butanone	7.494	43	37198	24.266	ug/l #	81
37) Ethyl Acetate	7.571	43	40709	12.446	ug/l #	88
43) Isopropyl Acetate	8.694	43	191312	33.092	ug/l #	76
51) 4-Methyl-2-Pentanone	10.453	43	127214	37.101	ug/l #	82

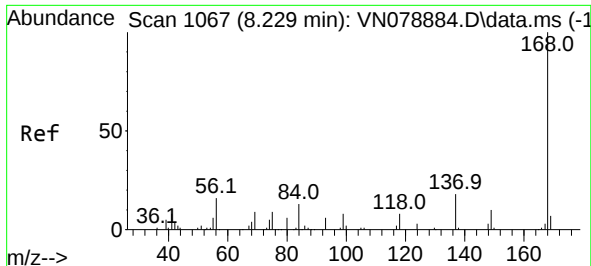
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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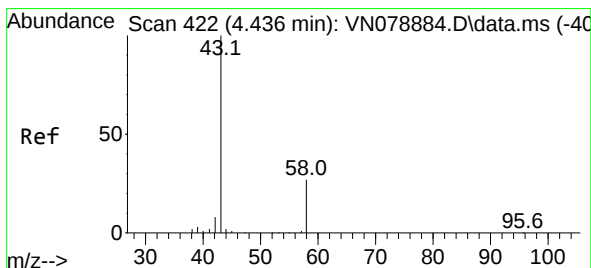
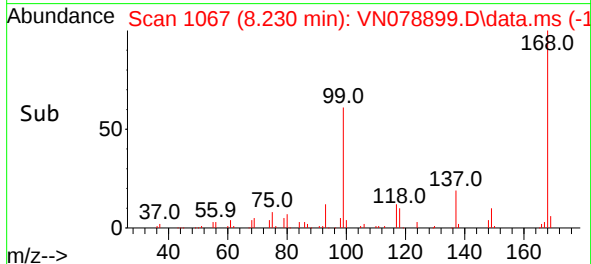
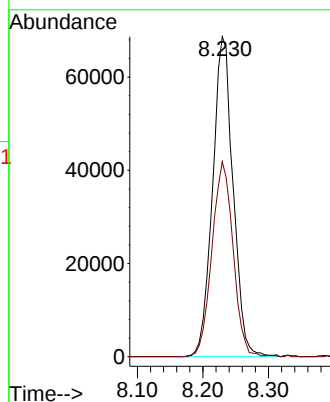
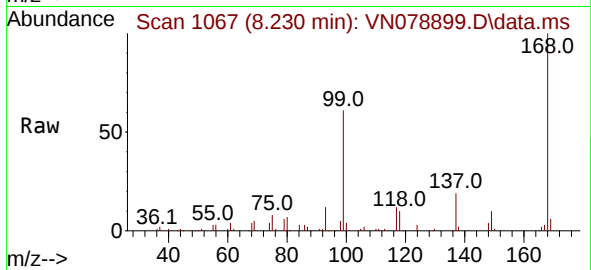




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN078899.D
Acq: 16 Aug 2023 13:40

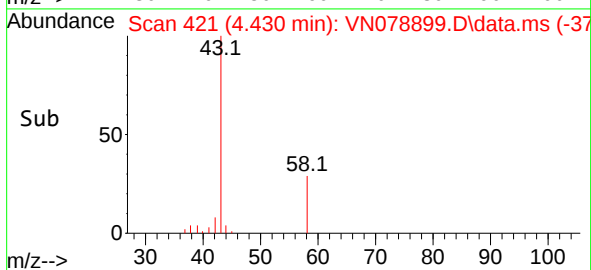
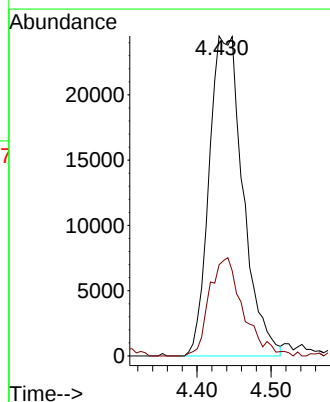
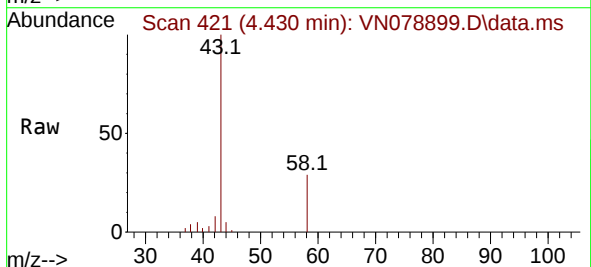
Instrument :
MSVOA_N
ClientSampleId :
PB154855ZHE#02

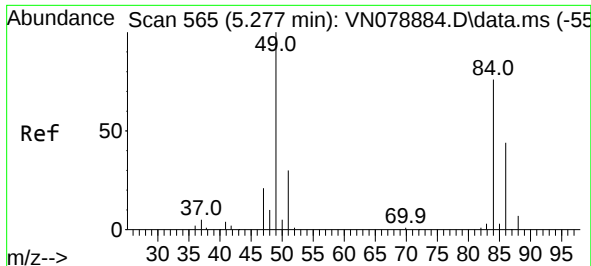
Tgt Ion:168 Resp: 148917
Ion Ratio Lower Upper
168 100
99 61.0 53.0 79.6



#16
Acetone
Concen: 81.242 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.012 min
Lab File: VN078899.D
Acq: 16 Aug 2023 13:40

Tgt Ion: 43 Resp: 77679
Ion Ratio Lower Upper
43 100
58 28.5 28.0 42.0

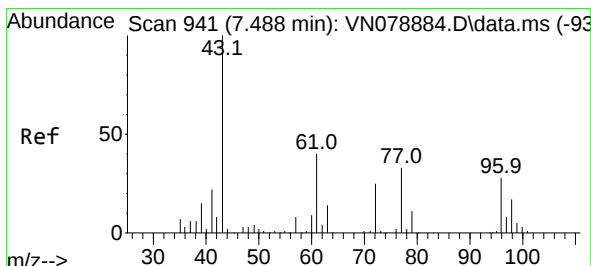
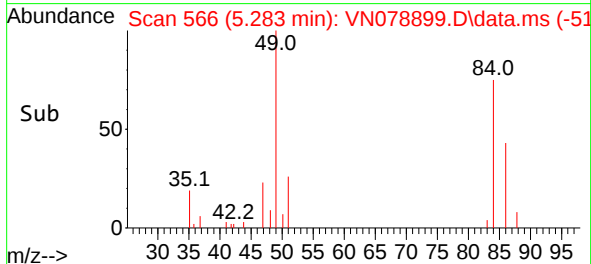
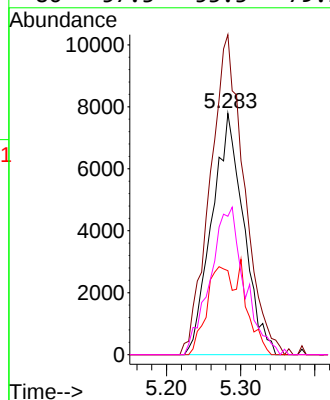
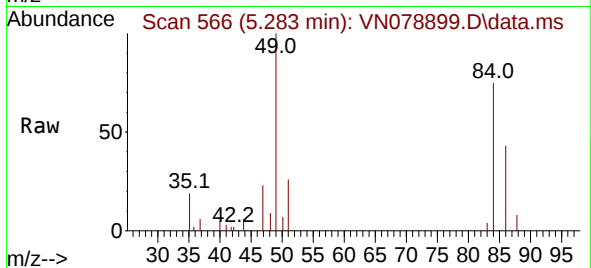




#20
Methylene Chloride
Concen: 11.429 ug/l
RT: 5.283 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN078899.D
Acq: 16 Aug 2023 13:40

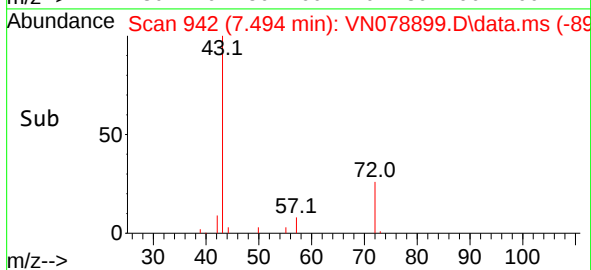
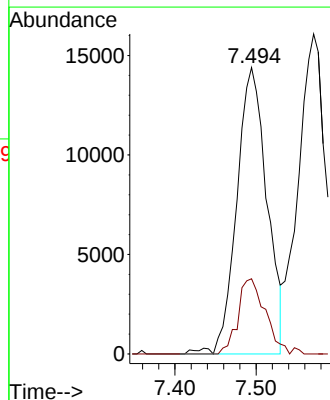
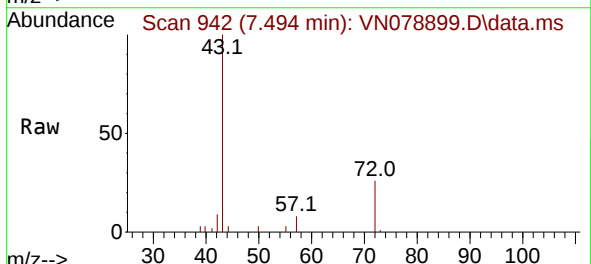
Instrument :
MSVOA_N
ClientSampleId :
PB154855ZHE#02

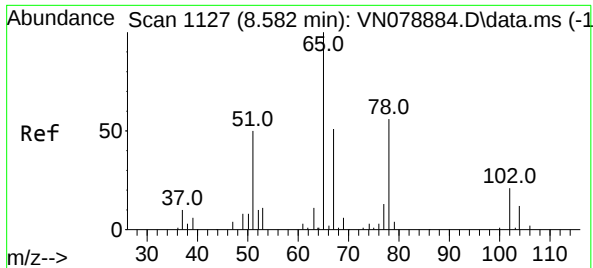
Tgt Ion:	84	Resp:	23287
Ion	Ratio	Lower	Upper
84	100		
49	132.6	79.7	119.5#
51	34.8	25.2	37.8
86	57.3	53.3	79.9



#25
2-Butanone
Concen: 24.266 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078899.D
Acq: 16 Aug 2023 13:40

Tgt Ion:	43	Resp:	37198
Ion	Ratio	Lower	Upper
43	100		
72	26.2	30.2	45.2#

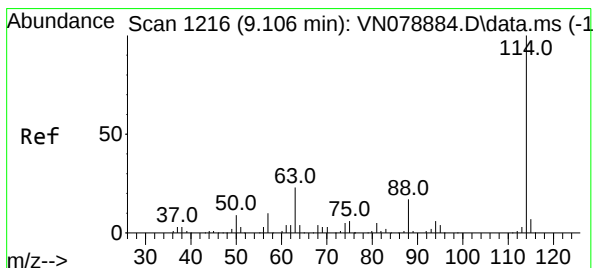
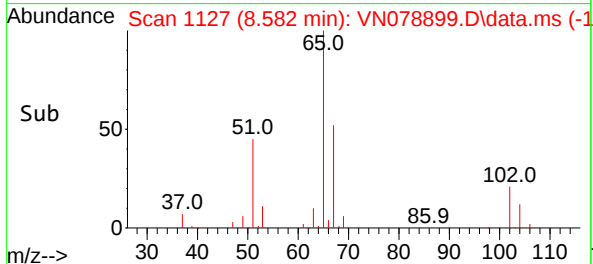
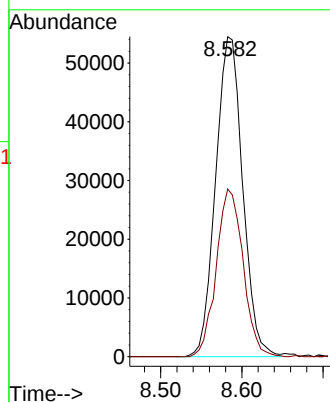
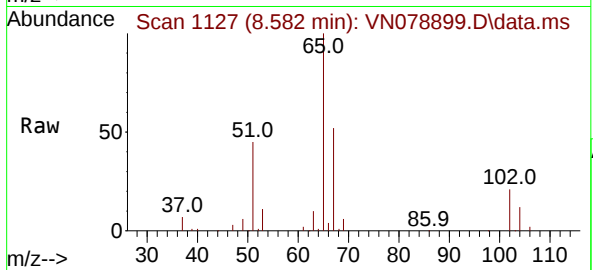




#33
 1,2-Dichloroethane-d4
 Concen: 54.346 ug/l
 RT: 8.582 min Scan# 1127
 Delta R.T. -0.001 min
 Lab File: VN078899.D
 Acq: 16 Aug 2023 13:40

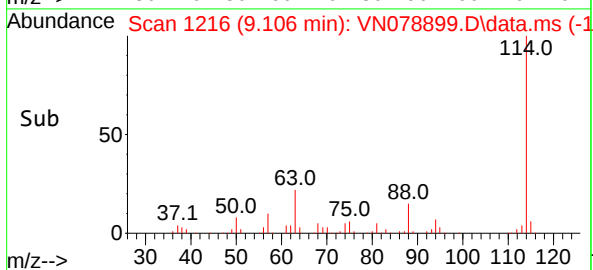
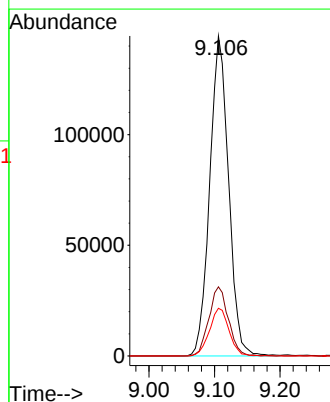
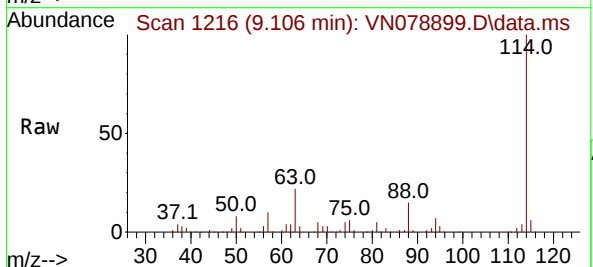
Instrument :
 MSVOA_N
 ClientSampleId :
 PB154855ZHE#02

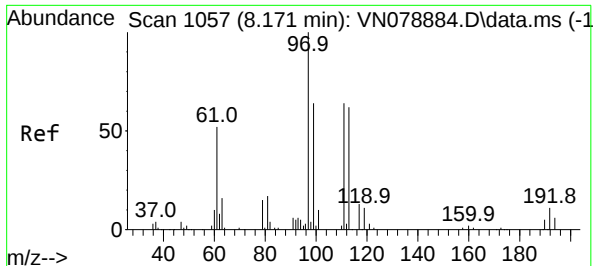
Tgt Ion: 65 Resp: 125934
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. -0.006 min
 Lab File: VN078899.D
 Acq: 16 Aug 2023 13:40

Tgt Ion: 114 Resp: 288702
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 36.4
 88 14.9 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.485 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN078899.D

Acq: 16 Aug 2023 13:40

Instrument :

MSVOA_N

ClientSampleId :

PB154855ZHE#02

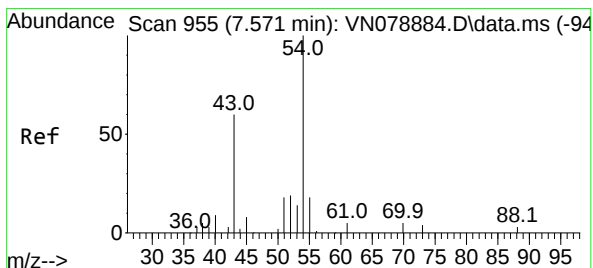
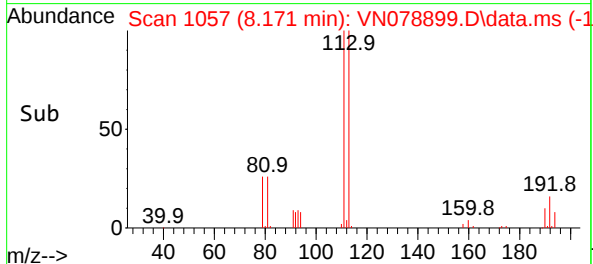
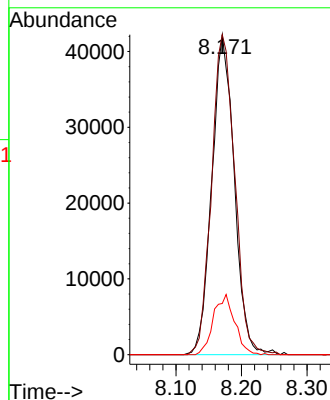
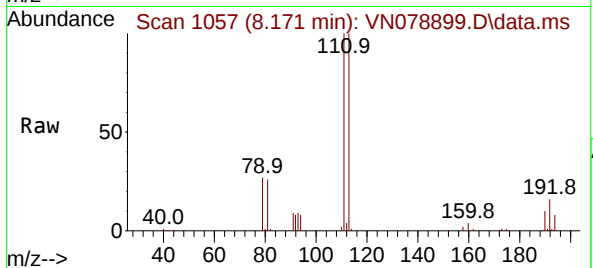
Tgt Ion:113 Resp: 100055

Ion Ratio Lower Upper

113 100

111 103.4 82.6 123.8

192 17.9 12.7 19.1



#37

Ethyl Acetate

Concen: 12.446 ug/l

RT: 7.571 min Scan# 955

Delta R.T. -0.000 min

Lab File: VN078899.D

Acq: 16 Aug 2023 13:40

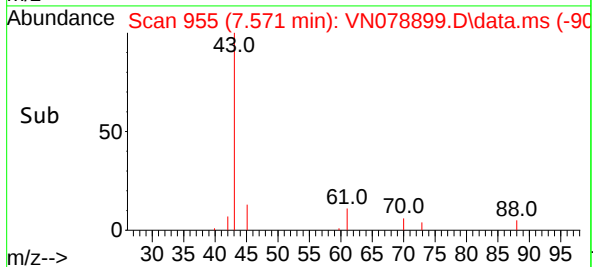
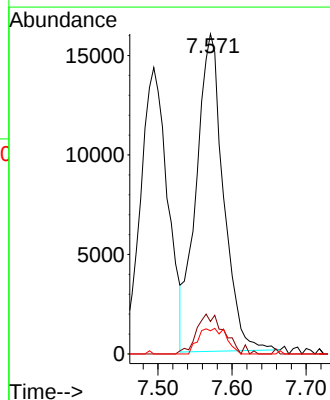
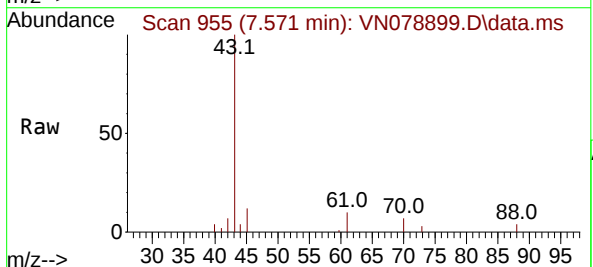
Tgt Ion: 43 Resp: 40709

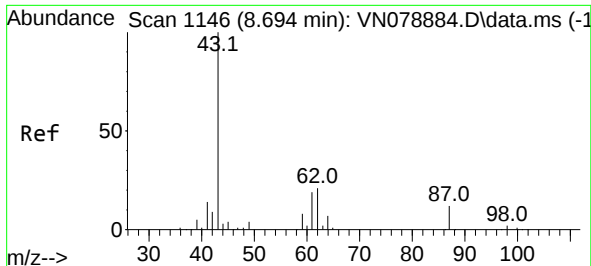
Ion Ratio Lower Upper

43 100

61 12.4 13.2 19.8#

70 8.3 11.3 16.9#

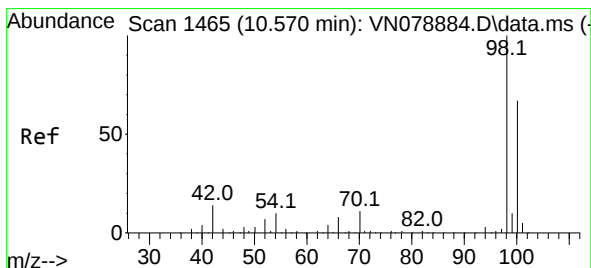
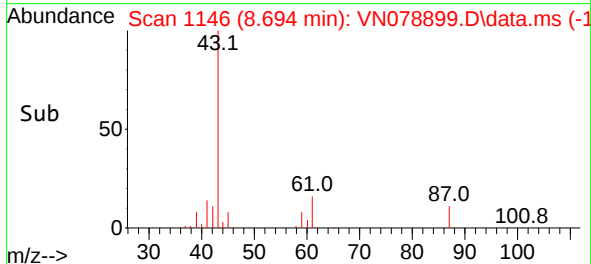
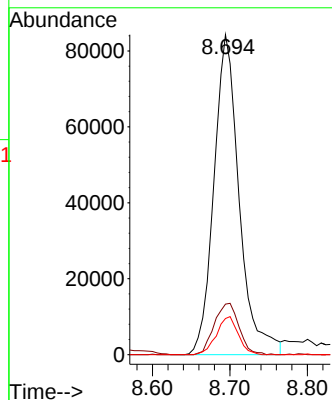
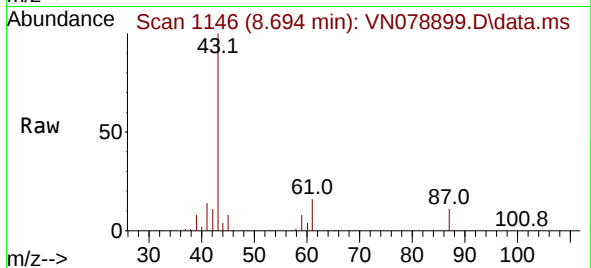




#43
Isopropyl Acetate
Concen: 33.092 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078899.D
Acq: 16 Aug 2023 13:40

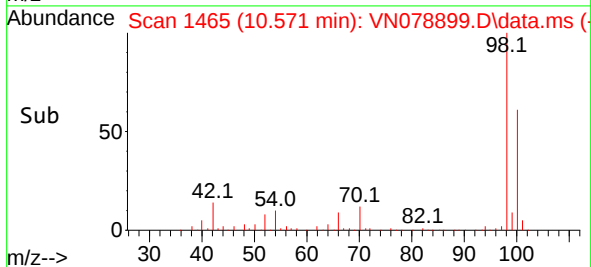
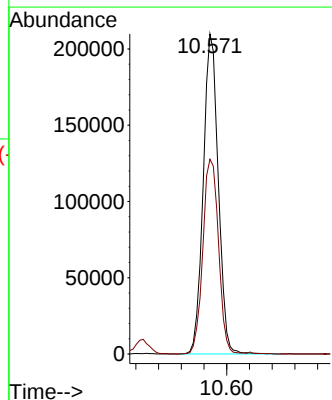
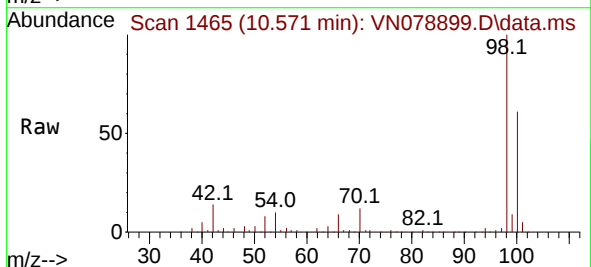
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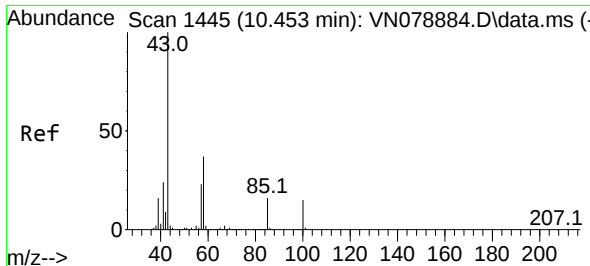
Tgt Ion: 43 Resp: 191312
Ion Ratio Lower Upper
43 100
61 15.7 24.7 37.1#
87 10.2 14.6 21.8#



#50
Toluene-d8
Concen: 53.324 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078899.D
Acq: 16 Aug 2023 13:40

Tgt Ion: 98 Resp: 384787
Ion Ratio Lower Upper
98 100
100 63.4 52.0 78.0

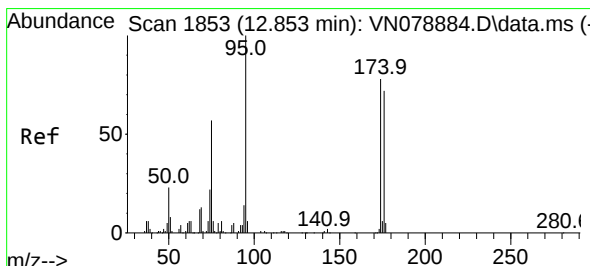
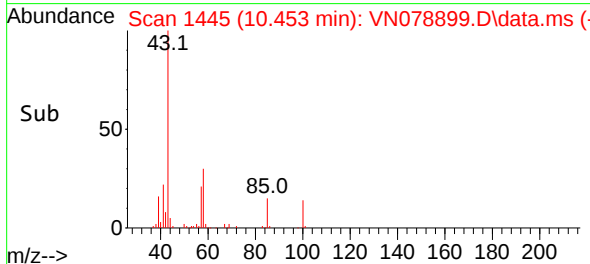
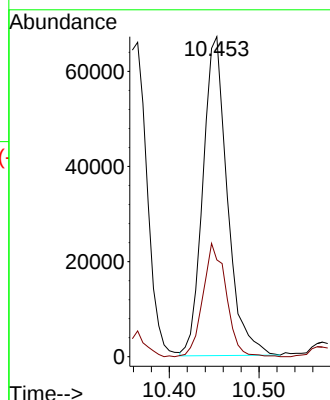
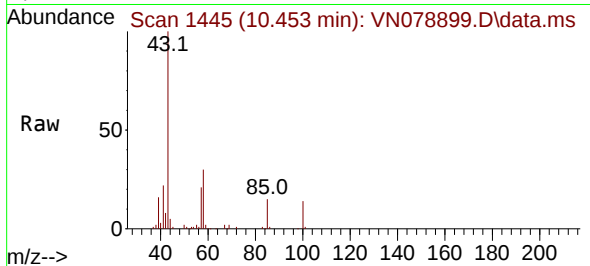




#51
4-Methyl-2-Pentanone
Concen: 37.101 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078899.D
Acq: 16 Aug 2023 13:40

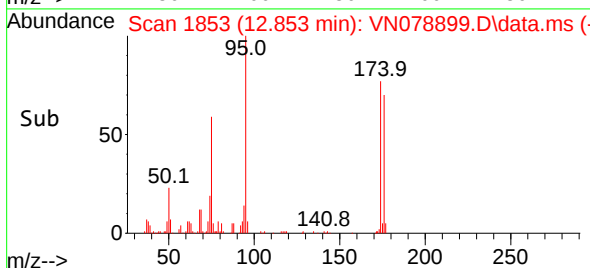
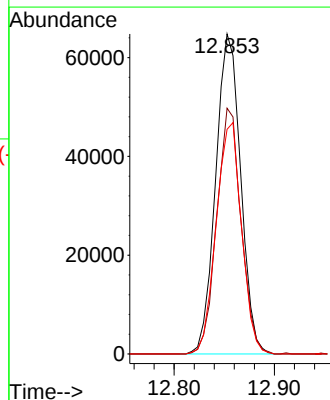
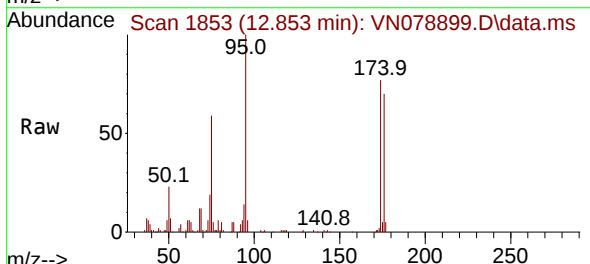
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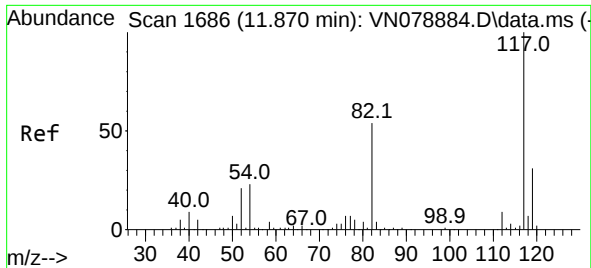
Tgt Ion: 43 Resp: 127214
Ion Ratio Lower Upper
43 100
58 33.8 36.6 54.8#



#62
4-Bromofluorobenzene
Concen: 47.476 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078899.D
Acq: 16 Aug 2023 13:40

Tgt Ion: 95 Resp: 111977
Ion Ratio Lower Upper
95 100
174 74.9 0.0 143.8
176 73.2 0.0 135.8

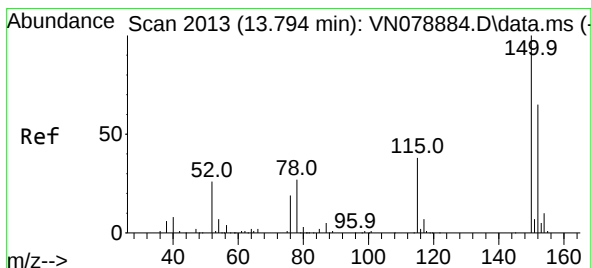
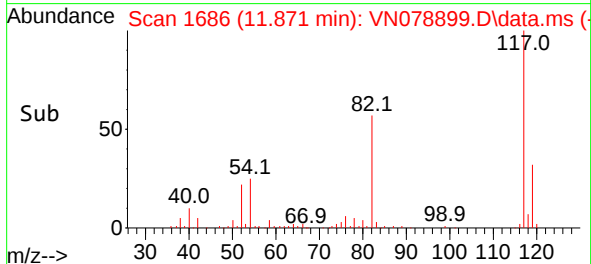
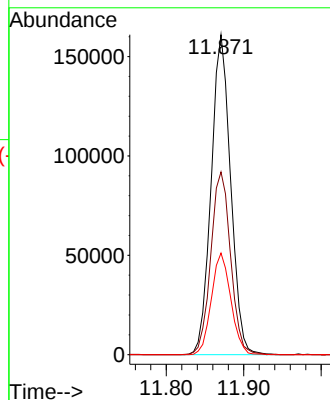
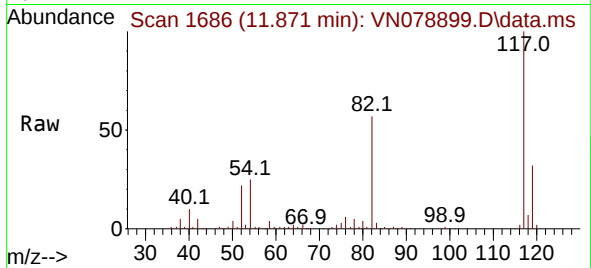




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN078899.D
Acq: 16 Aug 2023 13:40

Instrument :
MSVOA_N
ClientSampleId :
PB154855ZHE#02

Tgt Ion:117 Resp: 282270
Ion Ratio Lower Upper
117 100
82 57.1 44.0 66.0
119 31.8 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.006 min
Lab File: VN078899.D
Acq: 16 Aug 2023 13:40

Tgt Ion:152 Resp: 84686
Ion Ratio Lower Upper
152 100
115 61.7 32.3 96.8
150 157.2 0.0 355.8

