

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071823\
 Data File : VN078555.D
 Acq On : 18 Jul 2023 12:49
 Operator : JC\MD
 Sample : PB154251TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB154251TB

Quant Time: Jul 19 01:47:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

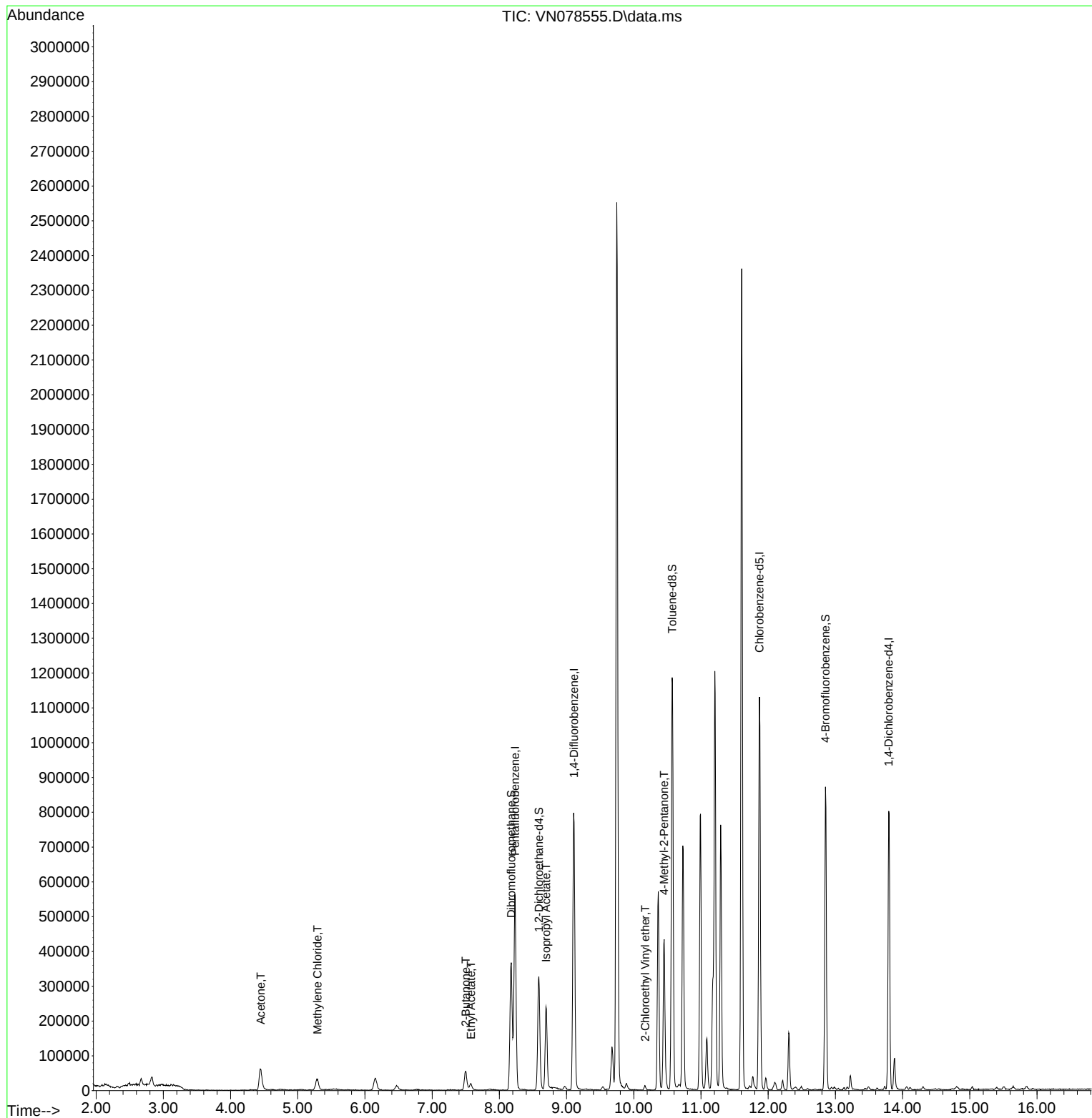
Internal Standards						
1) Pentafluorobenzene	8.235	168	399520	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	724270	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	694759	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	226392	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	266771	49.808	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.620%
35) Dibromofluoromethane	8.177	113	266251	54.154	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.300%
50) Toluene-d8	10.570	98	883805	47.585	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.160%
62) 4-Bromofluorobenzene	12.853	95	294120	51.411	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.820%
Target Compounds						
					Qvalue	
16) Acetone	4.447	43	116725	69.963	ug/l	98
20) Methylene Chloride	5.294	84	23870	3.860	ug/l	92
25) 2-Butanone	7.500	43	84089	32.018	ug/l #	84
37) Ethyl Acetate	7.577	43	24636	4.163	ug/l	98
43) Isopropyl Acetate	8.694	43	267132	27.417	ug/l #	85
51) 4-Methyl-2-Pentanone	10.453	43	292656	50.499	ug/l	91
58) 2-Chloroethyl Vinyl ether	10.171	63	5230	2.044	ug/l	98

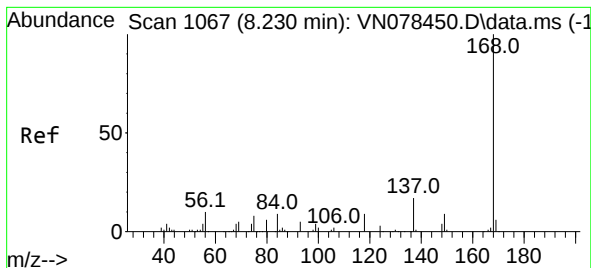
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Jul 10 16:13:53 2023
Response via : Initial Calibration

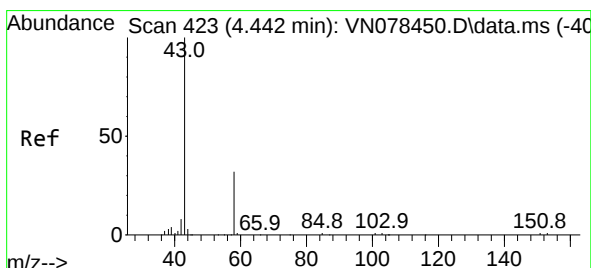
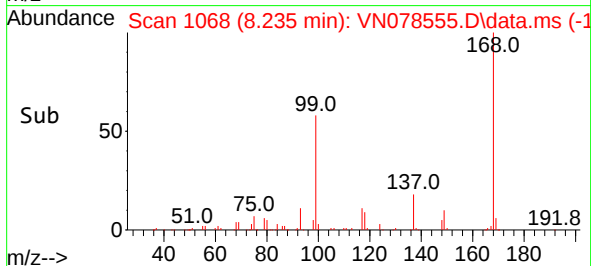
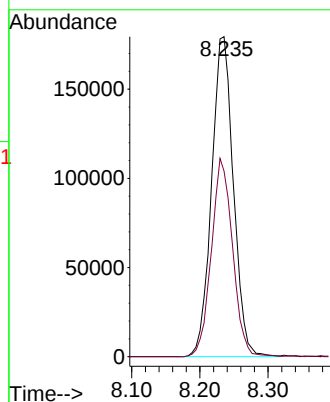
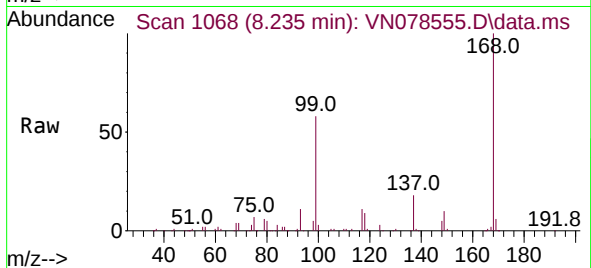




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN078555.D
Acq: 18 Jul 2023 12:49

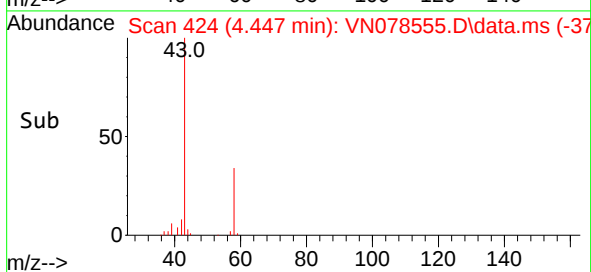
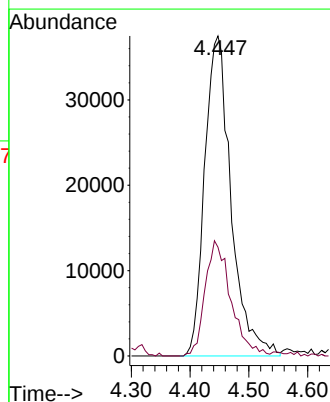
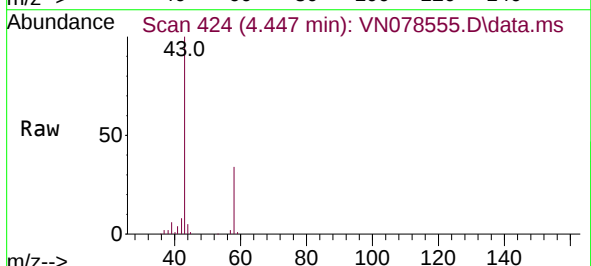
Instrument :
MSVOA_N
ClientSampleId :
PB154251TB

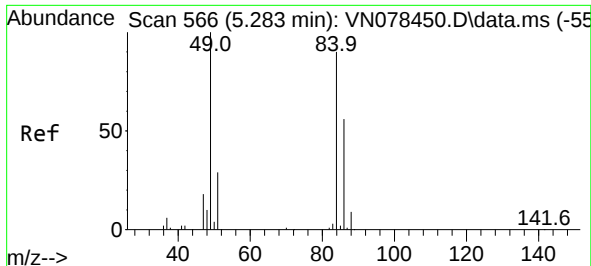
Tgt Ion:168 Resp: 399520
Ion Ratio Lower Upper
168 100
99 58.0 53.0 79.6



#16
Acetone
Concen: 69.963 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.005 min
Lab File: VN078555.D
Acq: 18 Jul 2023 12:49

Tgt Ion: 43 Resp: 116725
Ion Ratio Lower Upper
43 100
58 34.0 28.0 42.0

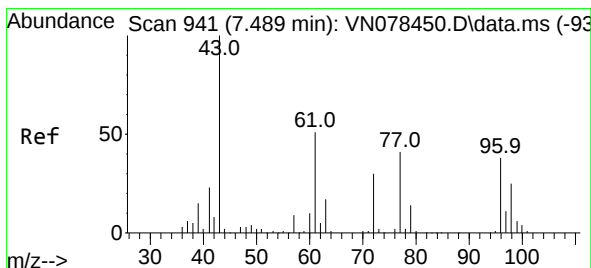
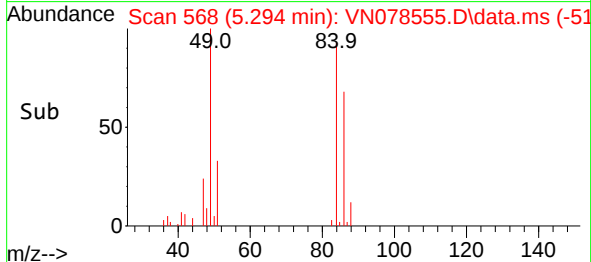
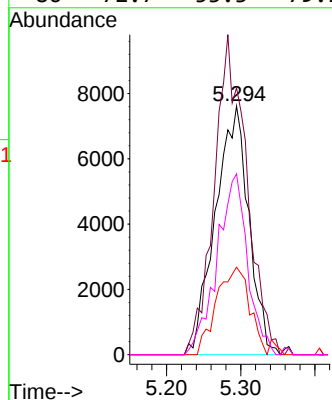
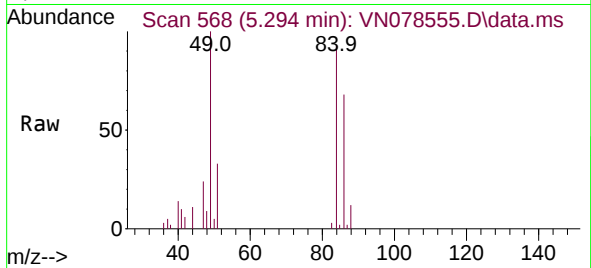




#20
Methylene Chloride
Concen: 3.860 ug/l
RT: 5.294 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN078555.D
Acq: 18 Jul 2023 12:49

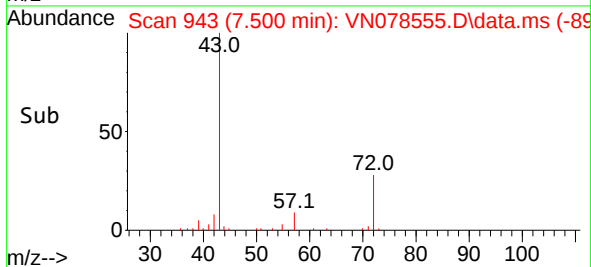
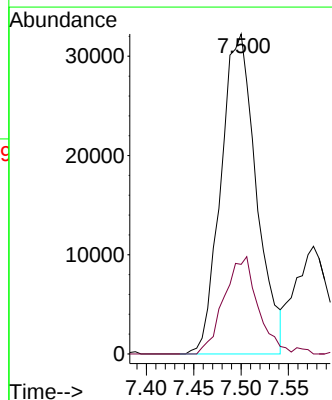
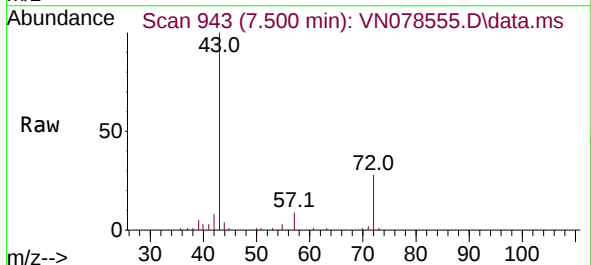
Instrument :
MSVOA_N
ClientSampleId :
PB154251TB

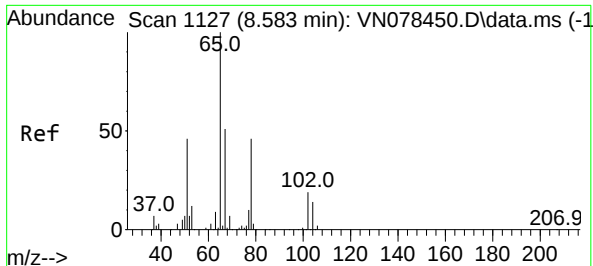
Tgt Ion:	84	Resp:	23870
Ion	Ratio	Lower	Upper
84	100		
49	107.3	79.7	119.5
51	35.2	25.2	37.8
86	72.7	53.3	79.9



#25
2-Butanone
Concen: 32.018 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.011 min
Lab File: VN078555.D
Acq: 18 Jul 2023 12:49

Tgt Ion:	43	Resp:	84089
Ion	Ratio	Lower	Upper
43	100		
72	28.0	30.2	45.2#





#33

1,2-Dichloroethane-d4

Concen: 49.808 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN078555.D

Acq: 18 Jul 2023 12:49

Instrument :

MSVOA_N

ClientSampleId :

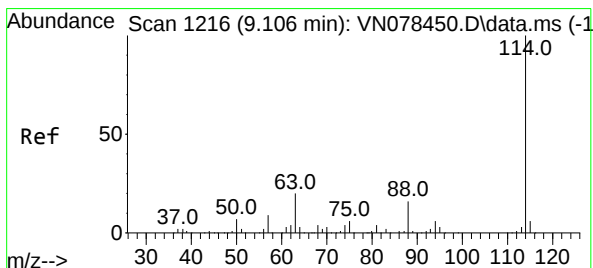
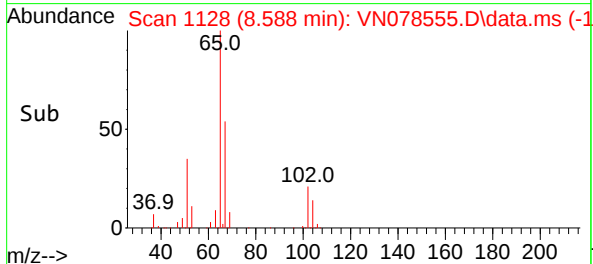
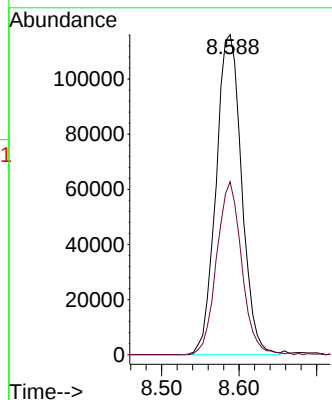
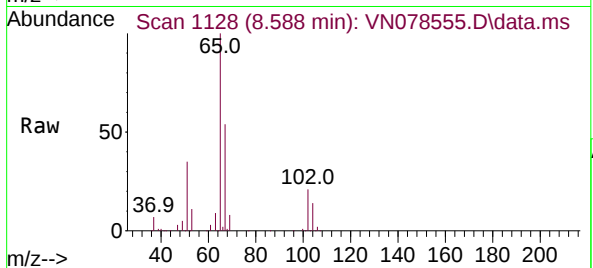
PB154251TB

Tgt Ion: 65 Resp: 266771

Ion Ratio Lower Upper

65 100

67 52.9 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN078555.D

Acq: 18 Jul 2023 12:49

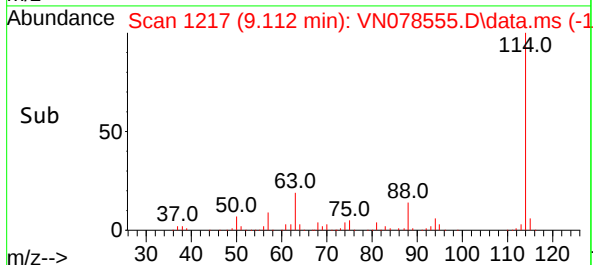
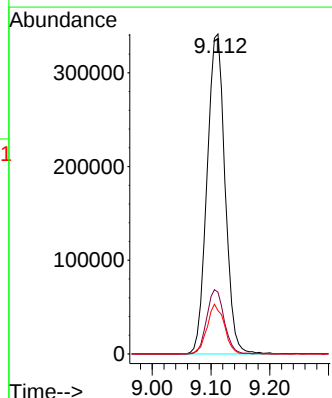
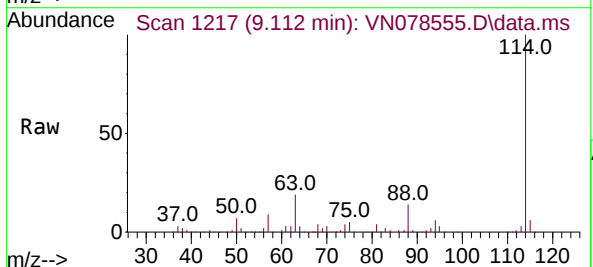
Tgt Ion: 114 Resp: 724270

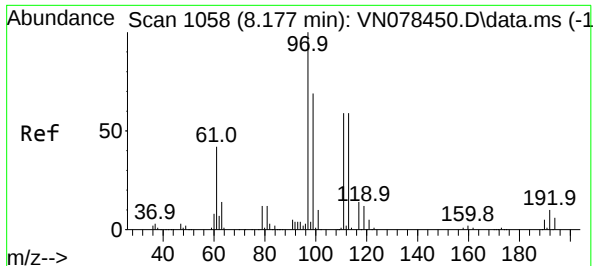
Ion Ratio Lower Upper

114 100

63 19.3 0.0 36.4

88 13.5 0.0 30.6

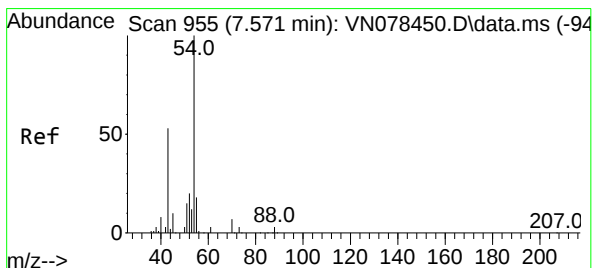
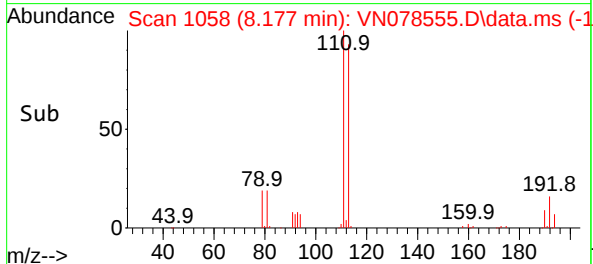
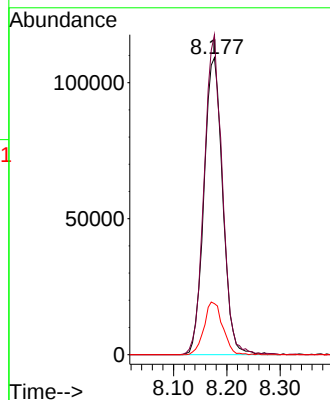
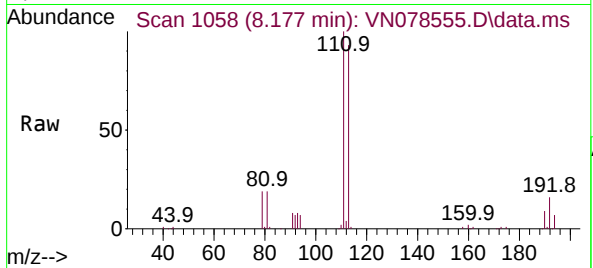




#35
Dibromofluoromethane
Concen: 54.154 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078555.D
Acq: 18 Jul 2023 12:49

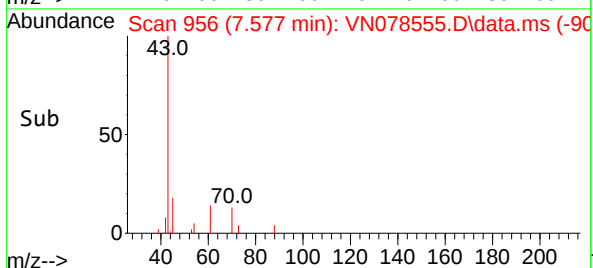
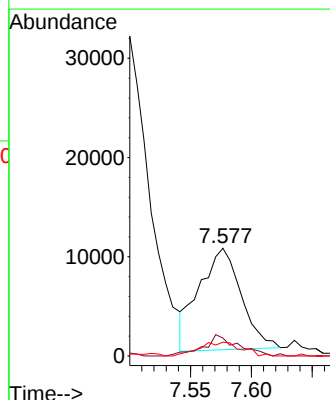
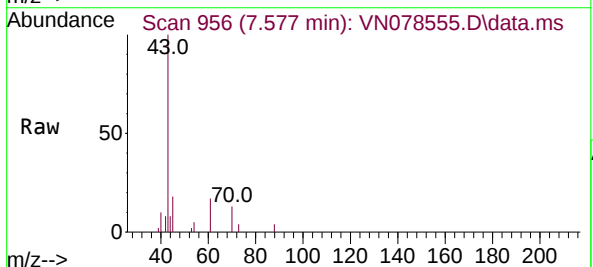
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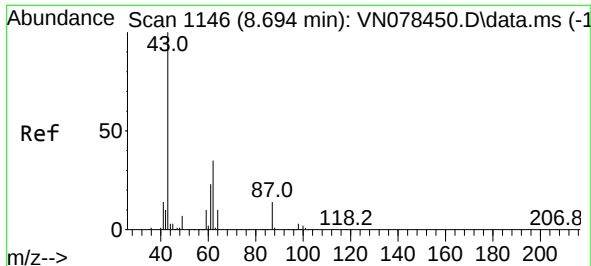
Tgt Ion:113 Resp: 266251
Ion Ratio Lower Upper
113 100
111 104.6 82.6 123.8
192 17.6 12.7 19.1



#37
Ethyl Acetate
Concen: 4.163 ug/l
RT: 7.577 min Scan# 956
Delta R.T. 0.006 min
Lab File: VN078555.D
Acq: 18 Jul 2023 12:49

Tgt Ion: 43 Resp: 24636
Ion Ratio Lower Upper
43 100
61 17.2 13.2 19.8
70 13.4 11.3 16.9

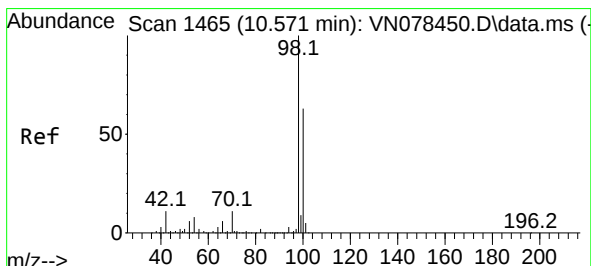
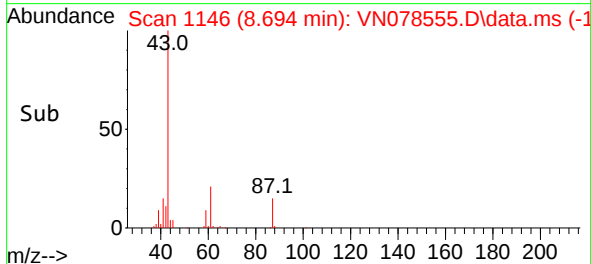
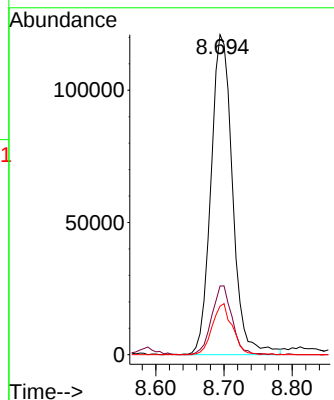
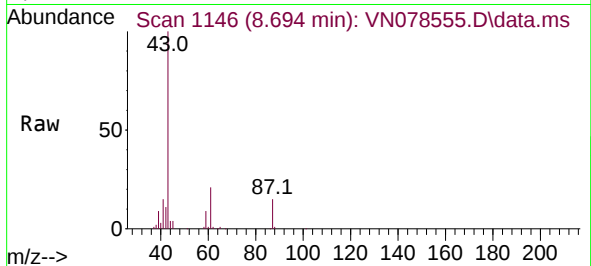




#43
Isopropyl Acetate
Concen: 27.417 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078555.D
Acq: 18 Jul 2023 12:49

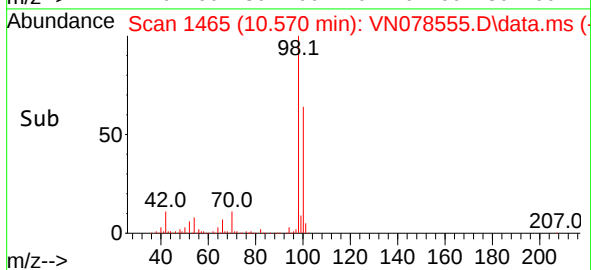
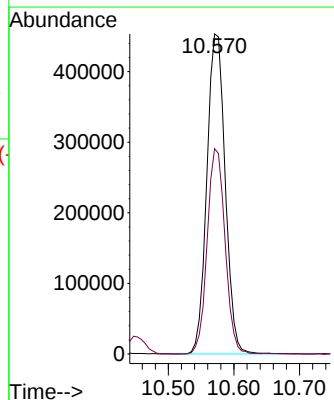
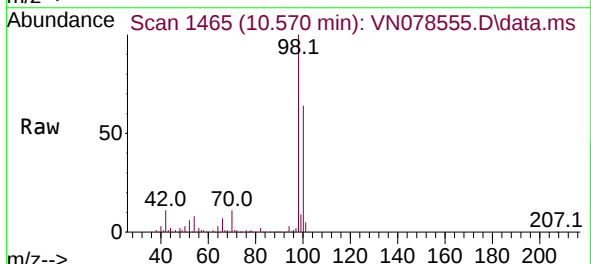
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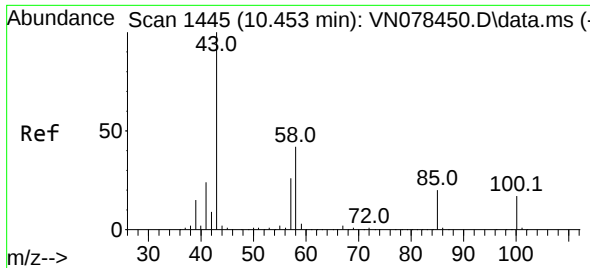
Tgt Ion: 43 Resp: 267132
Ion Ratio Lower Upper
43 100
61 20.2 24.7 37.1#
87 14.8 14.6 21.8



#50
Toluene-d8
Concen: 47.585 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.001 min
Lab File: VN078555.D
Acq: 18 Jul 2023 12:49

Tgt Ion: 98 Resp: 883805
Ion Ratio Lower Upper
98 100
100 62.3 52.0 78.0

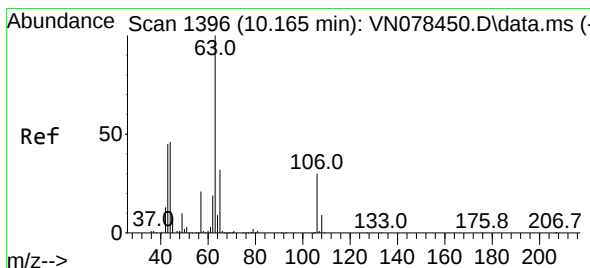
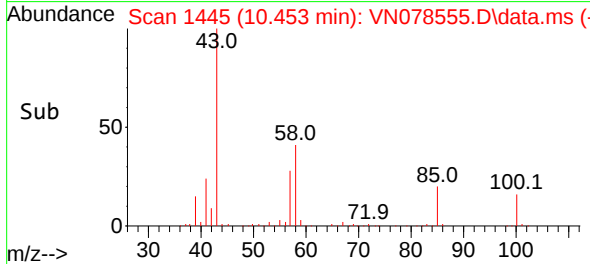
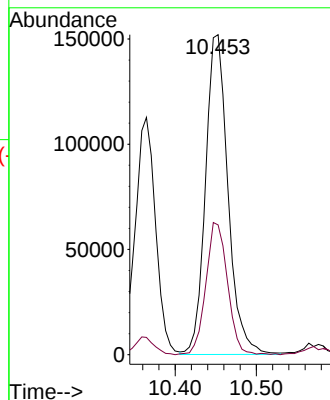
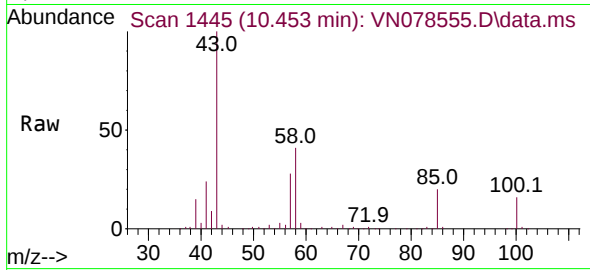




#51
4-Methyl-2-Pentanone
Concen: 50.499 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078555.D
Acq: 18 Jul 2023 12:49

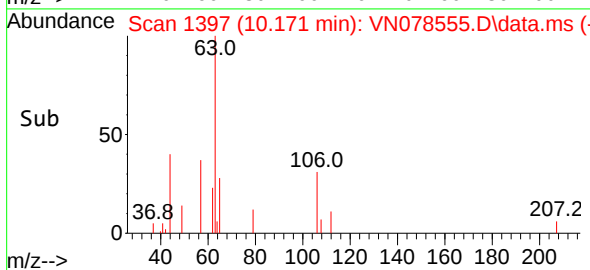
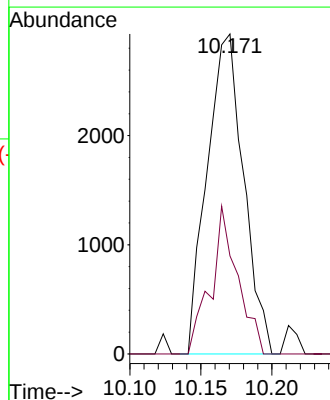
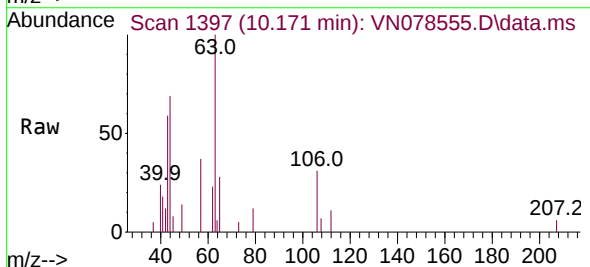
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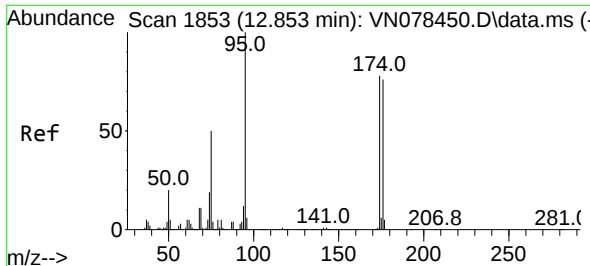
Tgt Ion: 43 Resp: 292656
Ion Ratio Lower Upper
43 100
58 39.8 36.6 54.8



#58
2-Chloroethyl Vinyl ether
Concen: 2.044 ug/l
RT: 10.171 min Scan# 1397
Delta R.T. 0.006 min
Lab File: VN078555.D
Acq: 18 Jul 2023 12:49

Tgt Ion: 63 Resp: 5230
Ion Ratio Lower Upper
63 100
106 34.1 26.2 39.4

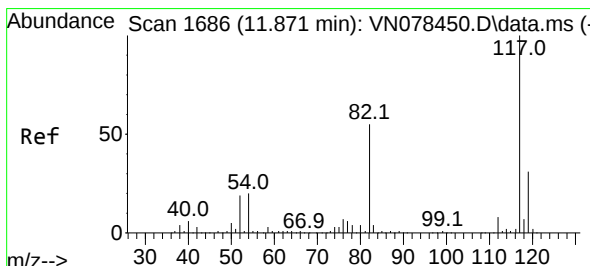
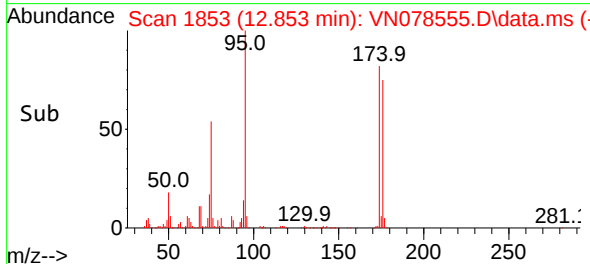
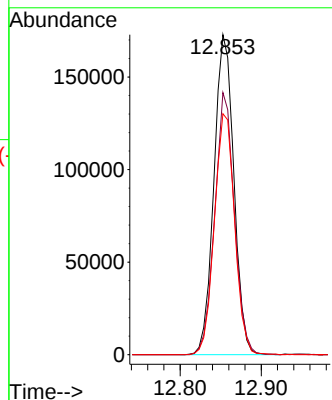
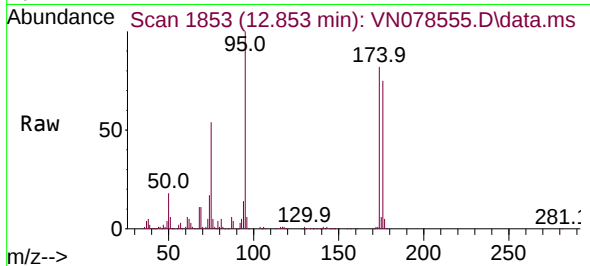




#62
4-Bromofluorobenzene
Concen: 51.411 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078555.D
Acq: 18 Jul 2023 12:49

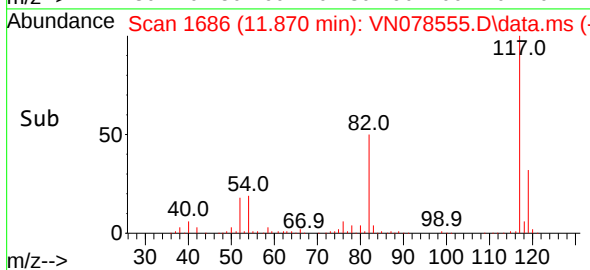
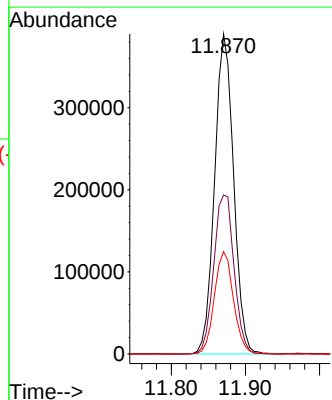
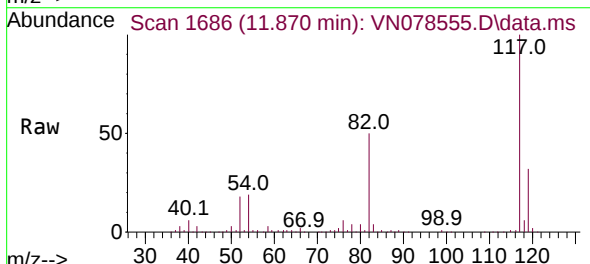
Instrument :
MSVOA_N
ClientSampleId :
PB154251TB

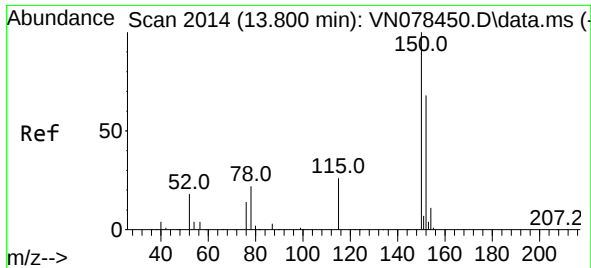
Tgt Ion:	95	Resp:	294120
Ion	Ratio	Lower	Upper
95	100		
174	81.0	0.0	143.8
176	76.8	0.0	135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN078555.D
Acq: 18 Jul 2023 12:49

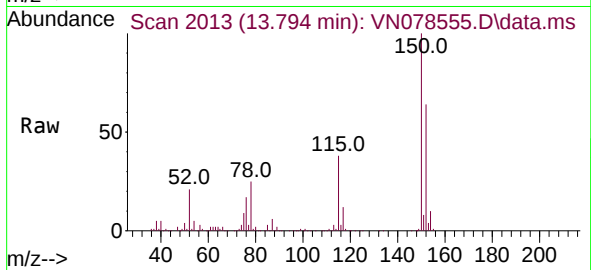
Tgt Ion:	117	Resp:	694759
Ion	Ratio	Lower	Upper
117	100		
82	49.7	44.0	66.0
119	32.0	25.6	38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN078555.D
 Acq: 18 Jul 2023 12:49

Instrument :
 MSVOA_N
 ClientSampleId :
 PB154251TB



Tgt Ion:152 Resp: 226392
 Ion Ratio Lower Upper
 152 100
 115 60.2 32.3 96.8
 150 158.5 0.0 355.8

