

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071823\
 Data File : VN078563.D
 Acq On : 18 Jul 2023 16:03
 Operator : JC\MD
 Sample : 03654-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 72-12016

Quant Time: Jul 19 01:52:05 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)

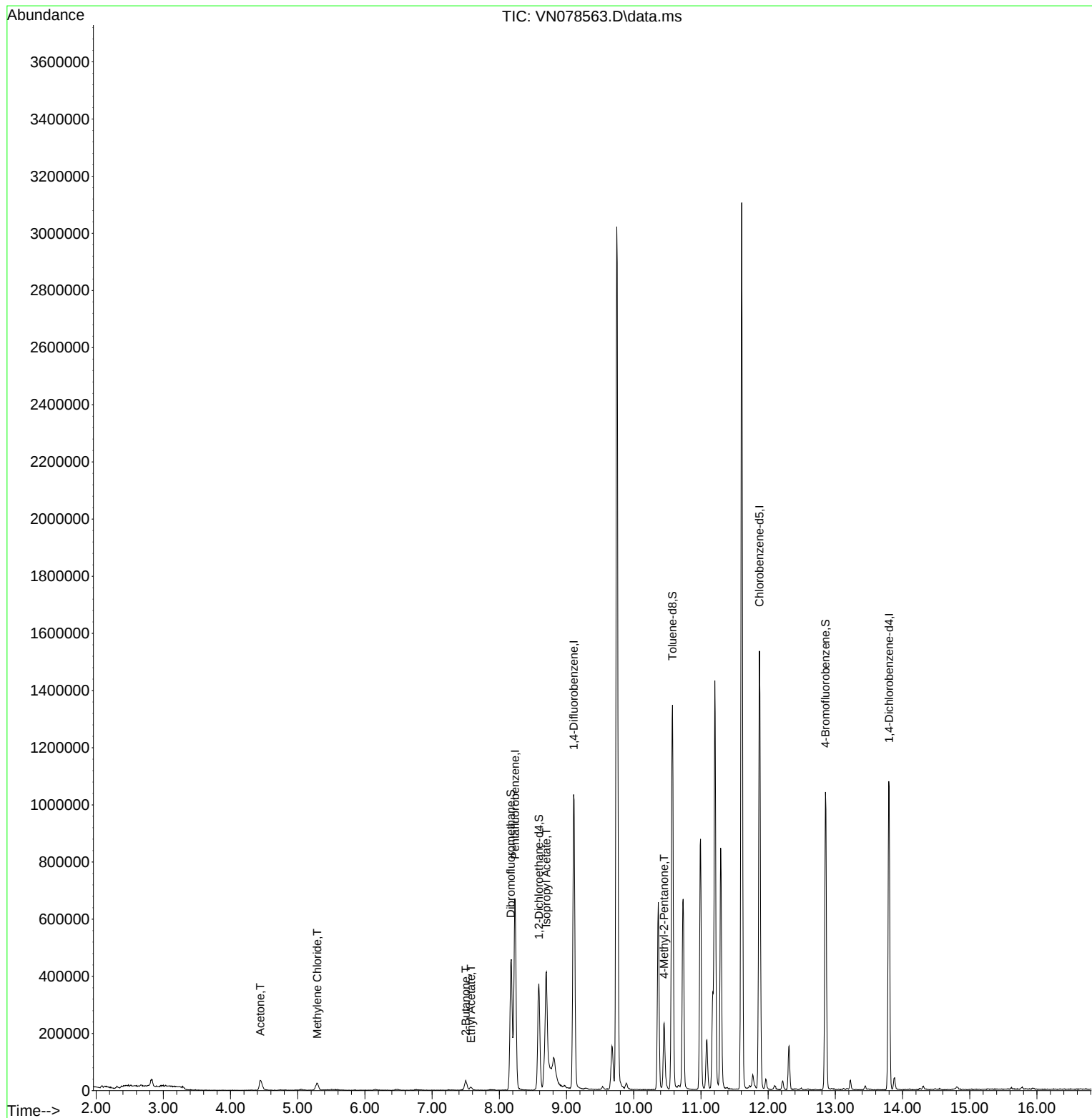
Internal Standards						
1) Pentafluorobenzene	8.236	168	494971	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	901922	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	896139	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	312554	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	308422	46.480	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.960%
35) Dibromofluoromethane	8.171	113	333904	54.537	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.080%
50) Toluene-d8	10.577	98	982032	42.459	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	84.920%#
62) 4-Bromofluorobenzene	12.853	95	362668	50.906	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.820%
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	66599	32.220	ug/l #	85
20) Methylene Chloride	5.289	84	19475	2.114	ug/l	91
25) 2-Butanone	7.500	43	50150	15.413	ug/l	99
37) Ethyl Acetate	7.577	43	15119	2.052	ug/l #	91
43) Isopropyl Acetate	8.700	43	545290	44.943	ug/l #	74
51) 4-Methyl-2-Pentanone	10.453	43	160936	22.300	ug/l	90

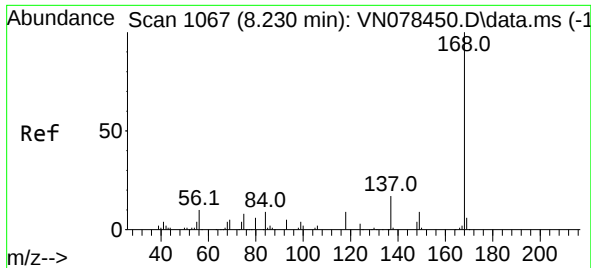
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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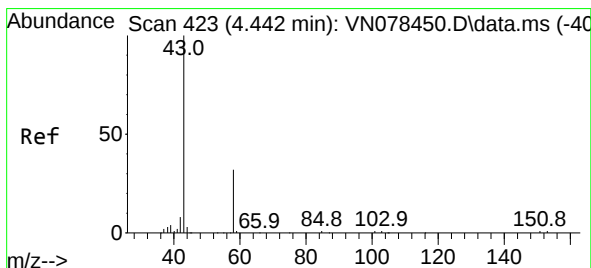
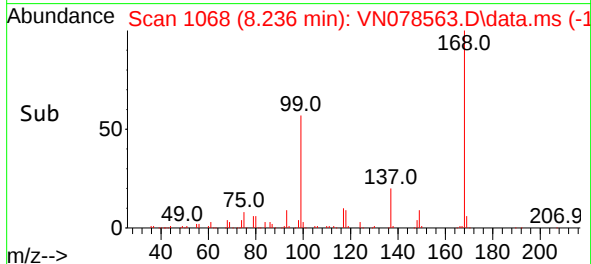
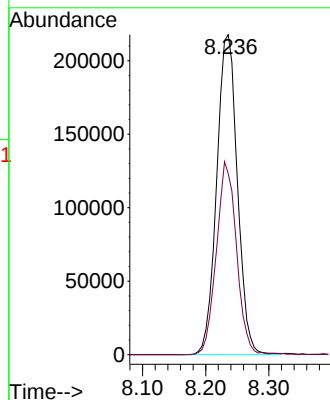
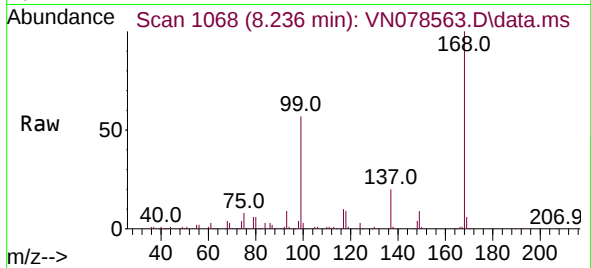




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1067
Delta R.T. 0.006 min
Lab File: VN078563.D
Acq: 18 Jul 2023 16:03

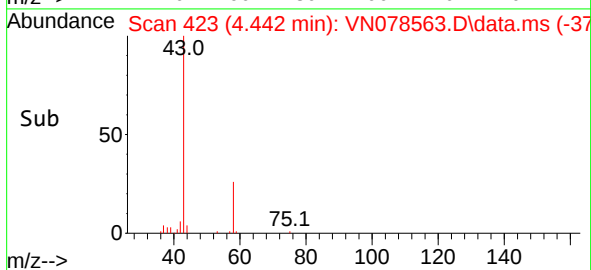
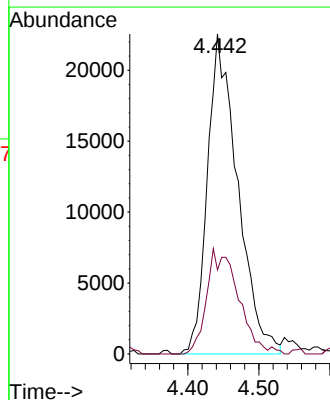
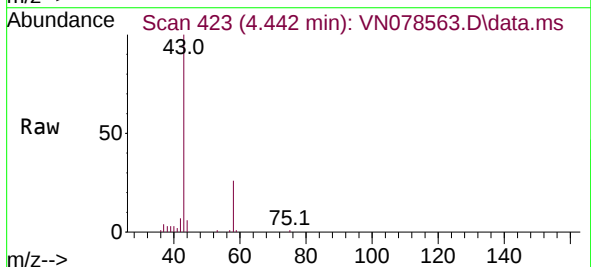
Instrument :
MSVOA_N
ClientSampleId :
72-12016

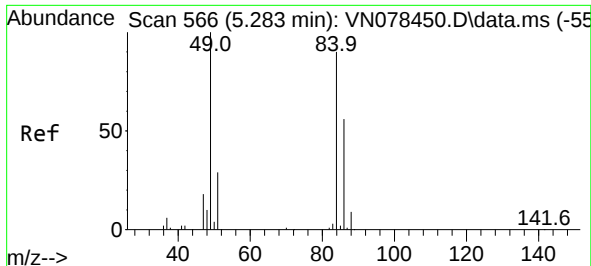
Tgt Ion:168 Resp: 494971
Ion Ratio Lower Upper
168 100
99 56.6 53.0 79.6



#16
Acetone
Concen: 32.220 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN078563.D
Acq: 18 Jul 2023 16:03

Tgt Ion: 43 Resp: 66599
Ion Ratio Lower Upper
43 100
58 26.3 28.0 42.0#

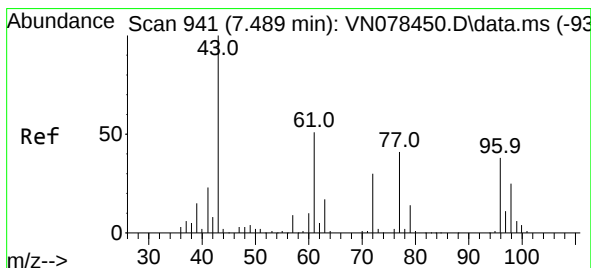
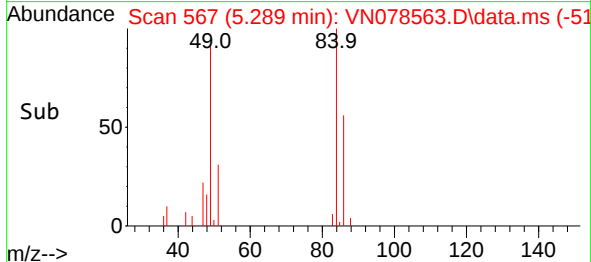
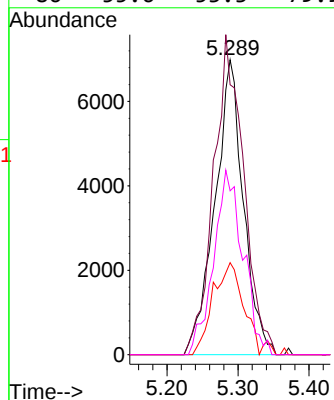
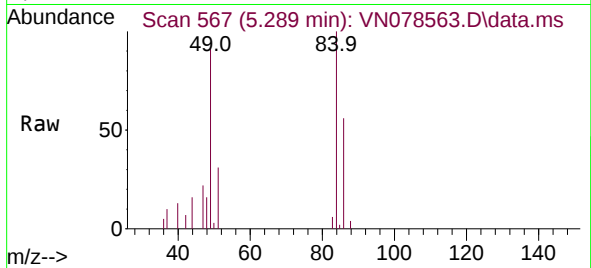




#20
Methylene Chloride
Concen: 2.114 ug/l
RT: 5.289 min Scan# 50
Delta R.T. 0.006 min
Lab File: VN078563.D
Acq: 18 Jul 2023 16:03

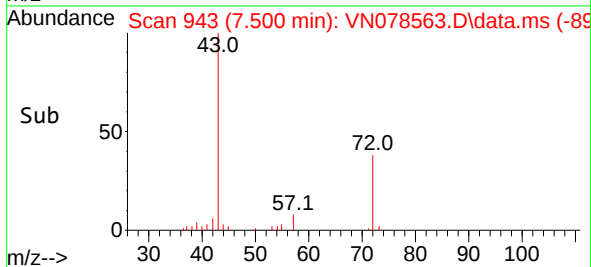
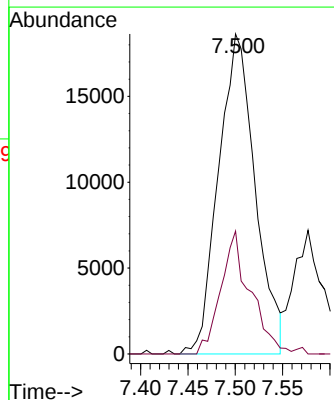
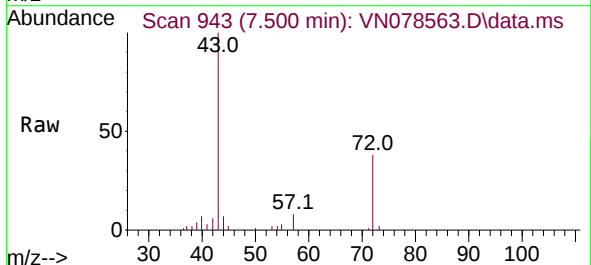
Instrument :
MSVOA_N
ClientSampleId :
72-12016

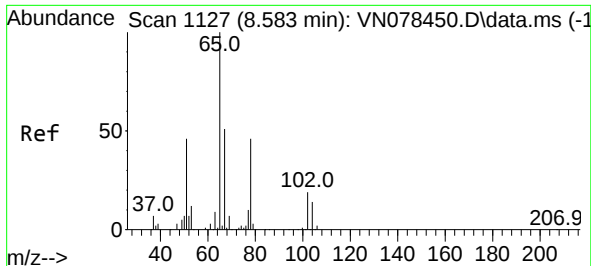
Tgt Ion:	84	Resp:	19475
Ion	Ratio	Lower	Upper
84	100		
49	91.5	79.7	119.5
51	31.2	25.2	37.8
86	55.6	53.3	79.9



#25
2-Butanone
Concen: 15.413 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.011 min
Lab File: VN078563.D
Acq: 18 Jul 2023 16:03

Tgt Ion:	43	Resp:	50150
Ion	Ratio	Lower	Upper
43	100		
72	38.4	30.2	45.2





#33

1,2-Dichloroethane-d4

Concen: 46.480 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN078563.D

Acq: 18 Jul 2023 16:03

Instrument :

MSVOA_N

ClientSampleId :

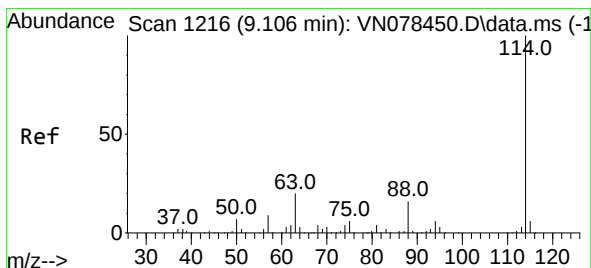
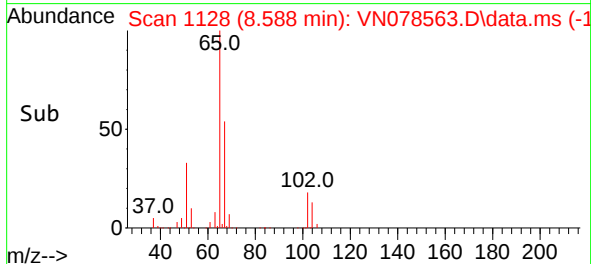
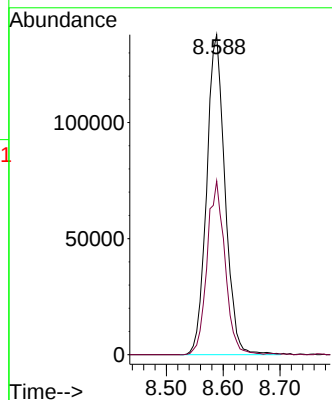
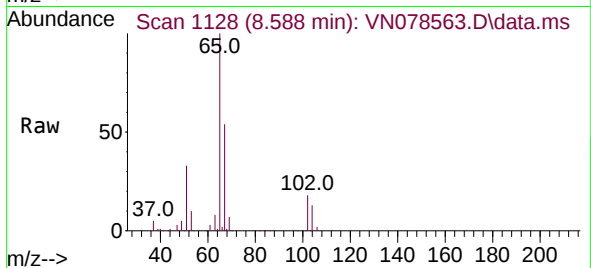
72-12016

Tgt Ion: 65 Resp: 308422

Ion Ratio Lower Upper

65 100

67 52.8 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: VN078563.D

Acq: 18 Jul 2023 16:03

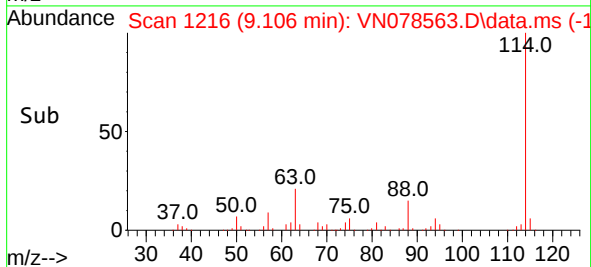
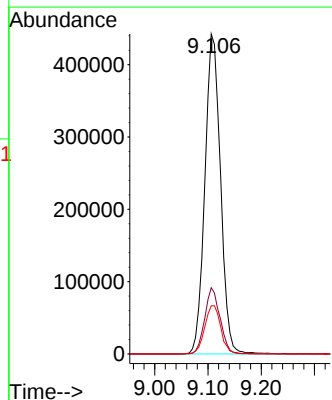
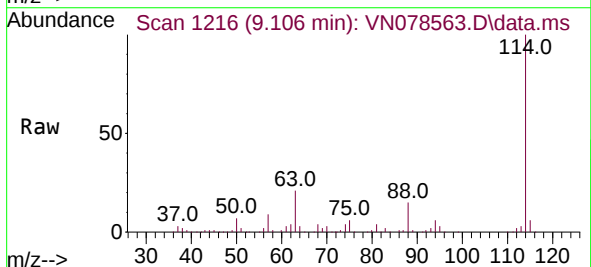
Tgt Ion: 114 Resp: 901922

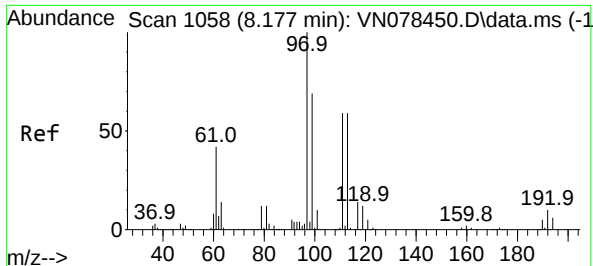
Ion Ratio Lower Upper

114 100

63 20.7 0.0 36.4

88 15.0 0.0 30.6

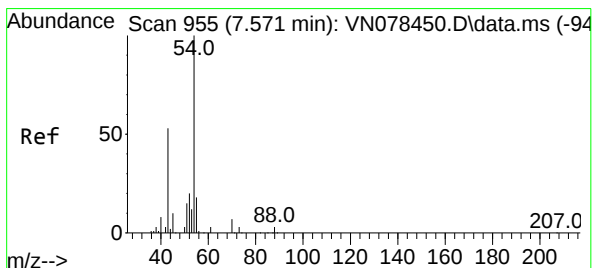
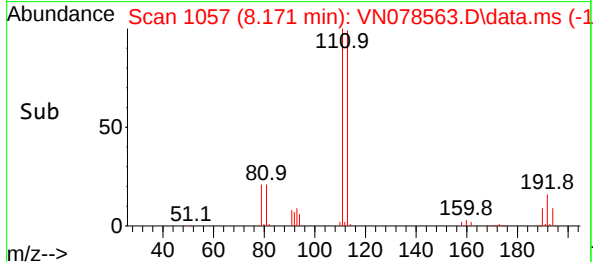
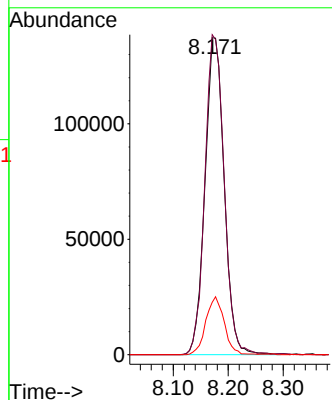
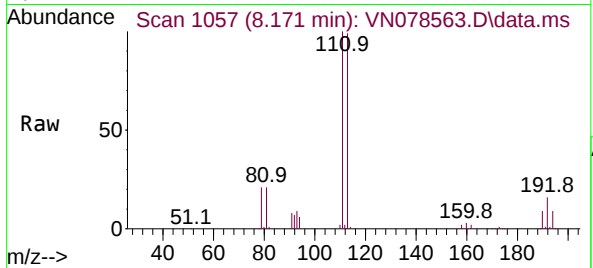




#35
 Dibromofluoromethane
 Concen: 54.537 ug/l
 RT: 8.171 min Scan# 1057
 Delta R.T. -0.006 min
 Lab File: VN078563.D
 Acq: 18 Jul 2023 16:03

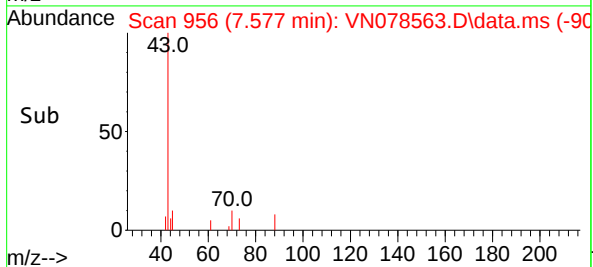
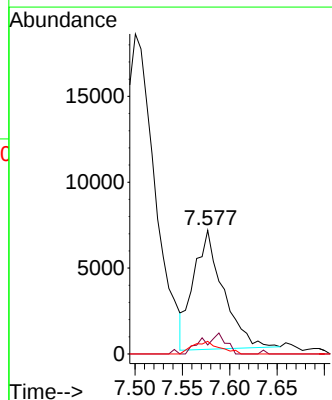
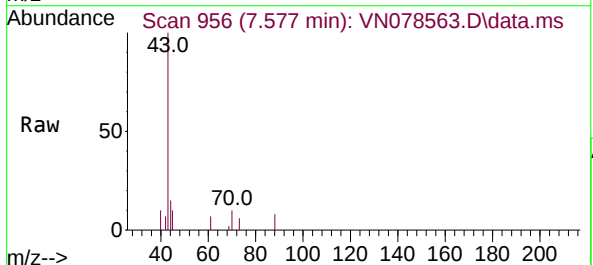
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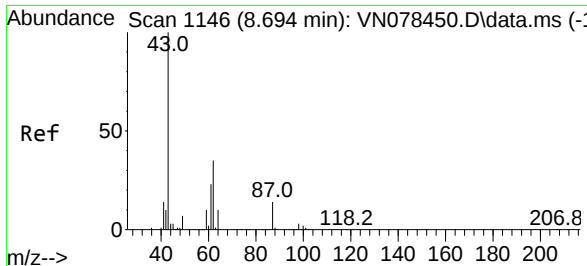
Tgt Ion:113 Resp: 333904
 Ion Ratio Lower Upper
 113 100
 111 101.3 82.6 123.8
 192 17.5 12.7 19.1



#37
 Ethyl Acetate
 Concen: 2.052 ug/l
 RT: 7.577 min Scan# 956
 Delta R.T. 0.006 min
 Lab File: VN078563.D
 Acq: 18 Jul 2023 16:03

Tgt Ion: 43 Resp: 15119
 Ion Ratio Lower Upper
 43 100
 61 13.5 13.2 19.8
 70 9.6 11.3 16.9

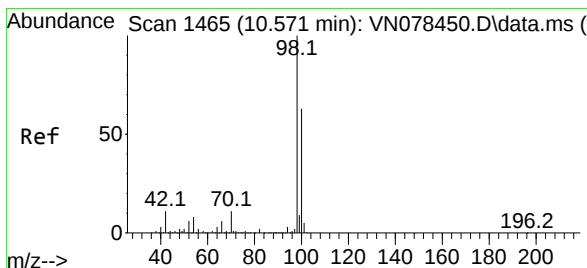
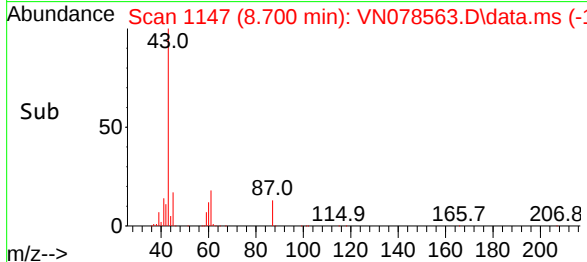
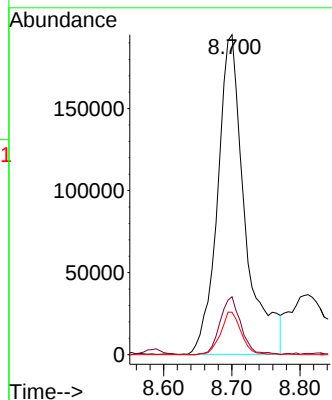
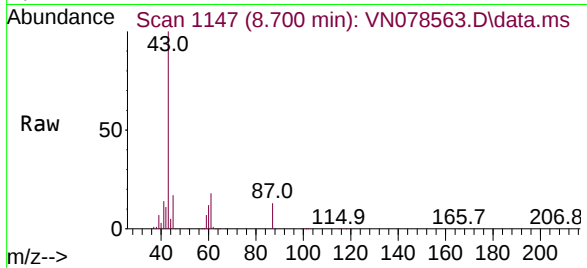




#43
Isopropyl Acetate
Concen: 44.943 ug/l
RT: 8.700 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN078563.D
Acq: 18 Jul 2023 16:03

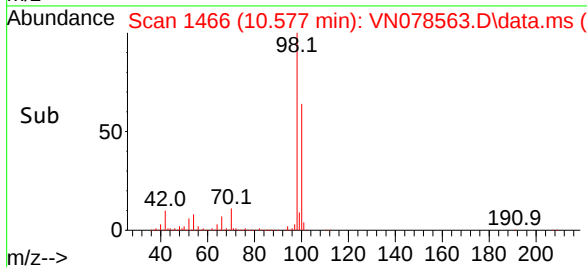
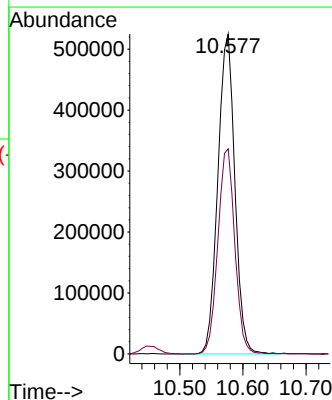
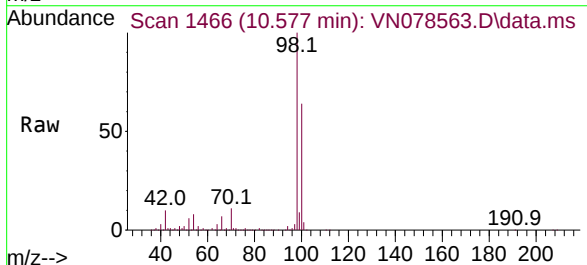
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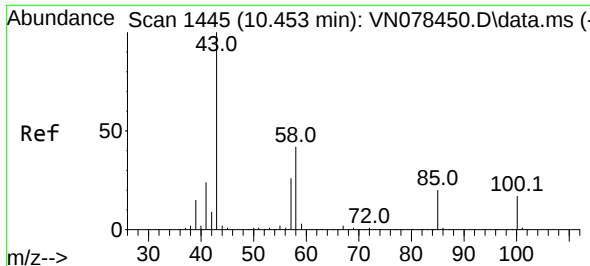
Tgt Ion: 43 Resp: 545290
Ion Ratio Lower Upper
43 100
61 13.9 24.7 37.1#
87 10.0 14.6 21.8#



#50
Toluene-d8
Concen: 42.459 ug/l
RT: 10.577 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VN078563.D
Acq: 18 Jul 2023 16:03

Tgt Ion: 98 Resp: 982032
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0

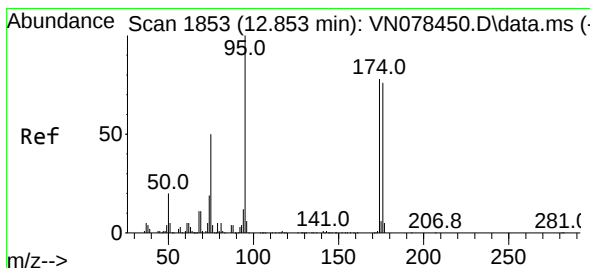
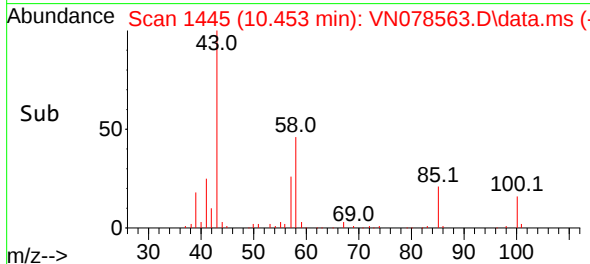
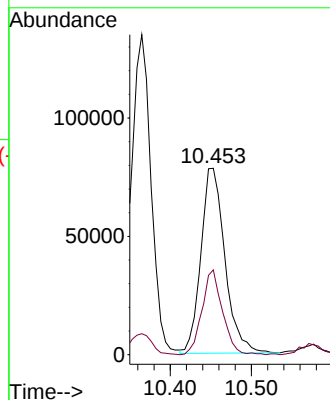
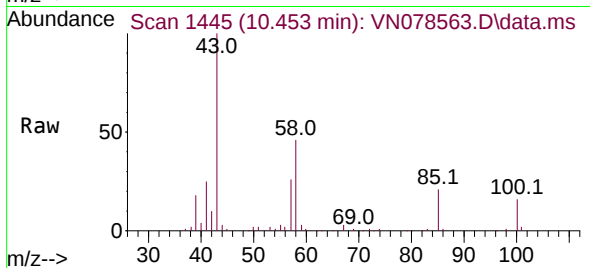




#51
4-Methyl-2-Pentanone
Concen: 22.300 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078563.D
Acq: 18 Jul 2023 16:03

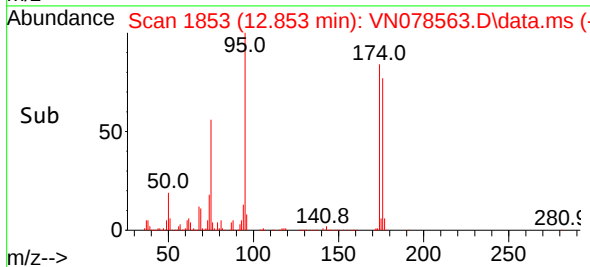
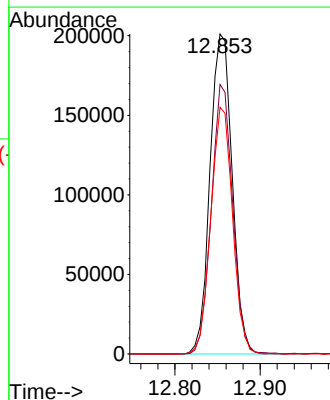
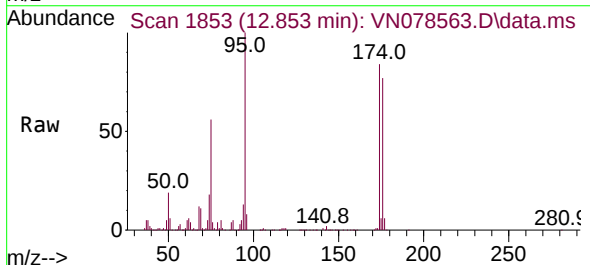
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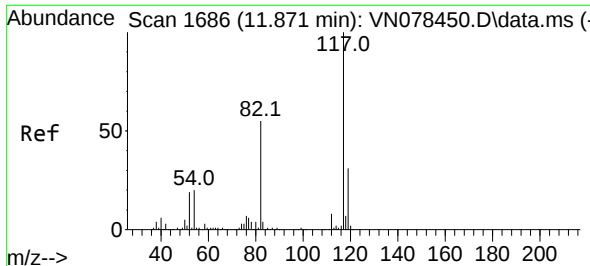
Tgt Ion: 43 Resp: 160936
Ion Ratio Lower Upper
43 100
58 38.9 36.6 54.8



#62
4-Bromofluorobenzene
Concen: 50.906 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078563.D
Acq: 18 Jul 2023 16:03

Tgt Ion: 95 Resp: 362668
Ion Ratio Lower Upper
95 100
174 81.3 0.0 143.8
176 75.7 0.0 135.8

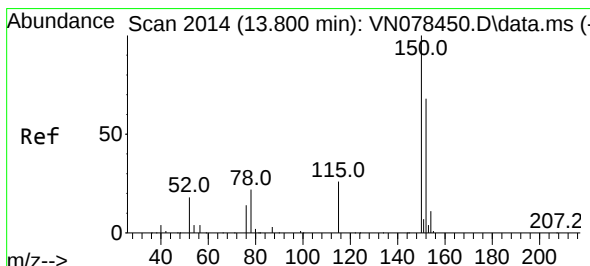
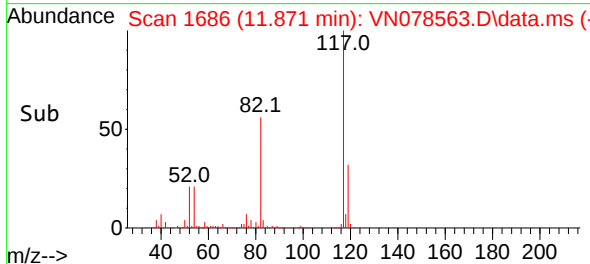
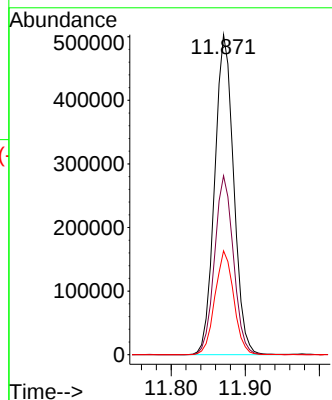
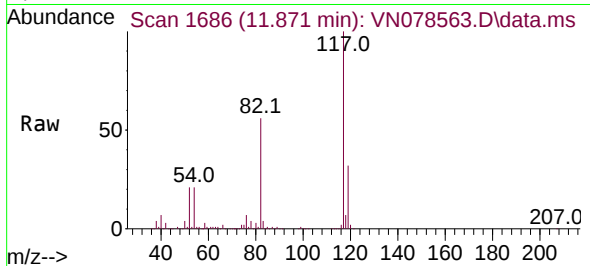




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078563.D
Acq: 18 Jul 2023 16:03

Instrument :
MSVOA_N
ClientSampleId :
72-12016

Tgt Ion:117 Resp: 896139
Ion Ratio Lower Upper
117 100
82 55.9 44.0 66.0
119 32.5 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 1214
Delta R.T. -0.000 min
Lab File: VN078563.D
Acq: 18 Jul 2023 16:03

Tgt Ion:152 Resp: 312554
Ion Ratio Lower Upper
152 100
115 57.7 32.3 96.8
150 153.0 0.0 355.8

