

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021323\
 Data File : VN076649.D
 Acq On : 13 Feb 2023 23:56
 Operator : JC\MD
 Sample : 01489-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BARN-EAST-END-DRAIN

Quant Time: Feb 14 05:36:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

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

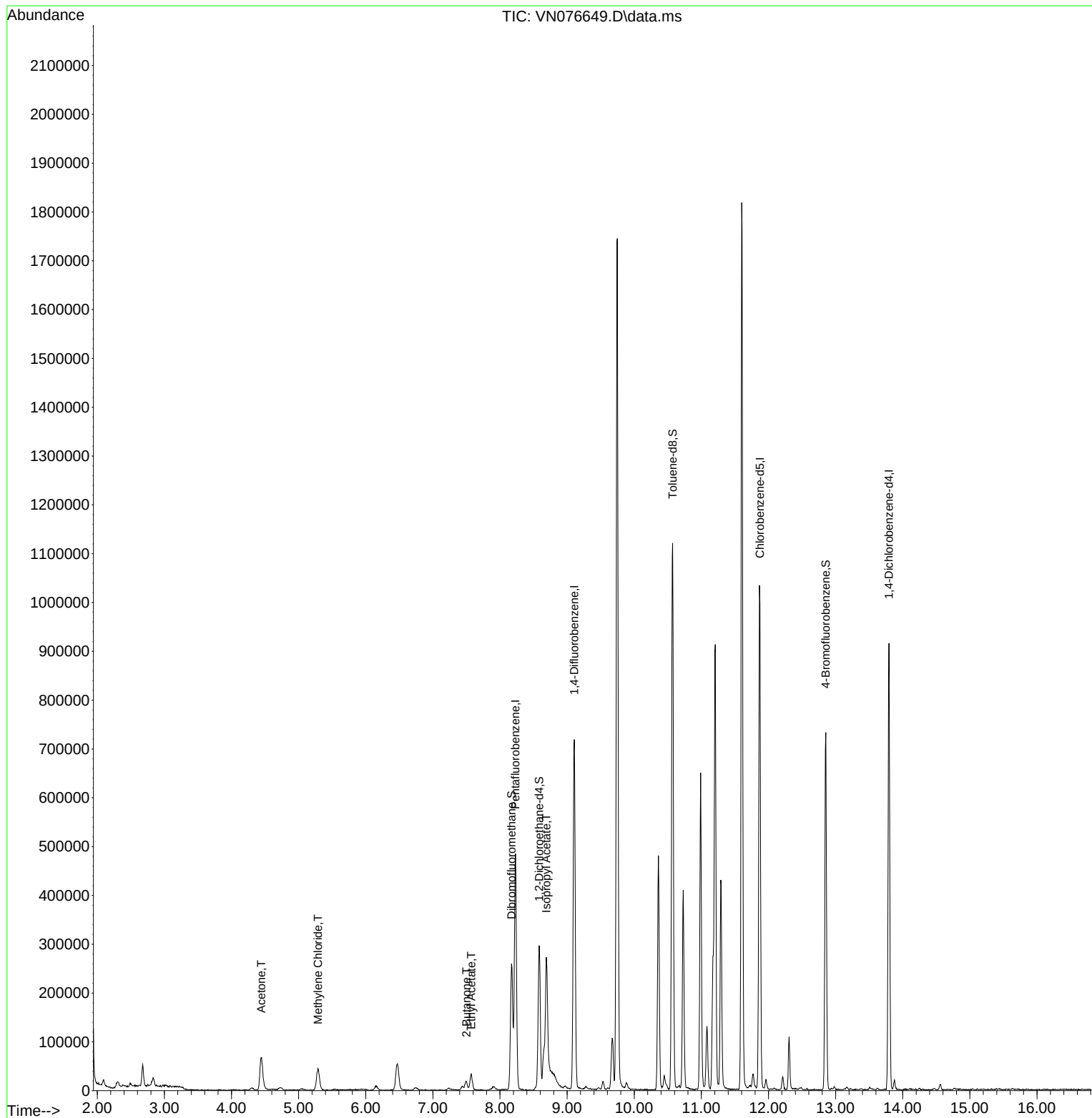
Internal Standards						
1) Pentafluorobenzene	8.230	168	339308	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	623476	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	588579	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	231879	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	229474	48.977	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.960%
35) Dibromofluoromethane	8.172	113	188746	46.227	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.460%
50) Toluene-d8	10.572	98	772159	50.639	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.280%
62) 4-Bromofluorobenzene	12.854	95	240194	47.560	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.120%
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	131203	62.690	ug/l	94
20) Methylene Chloride	5.289	84	32800	7.478	ug/l	89
25) 2-Butanone	7.501	43	31633	10.247	ug/l	96
37) Ethyl Acetate	7.572	43	49624	7.995	ug/l	97
43) Isopropyl Acetate	8.689	43	411022	40.695	ug/l #	77

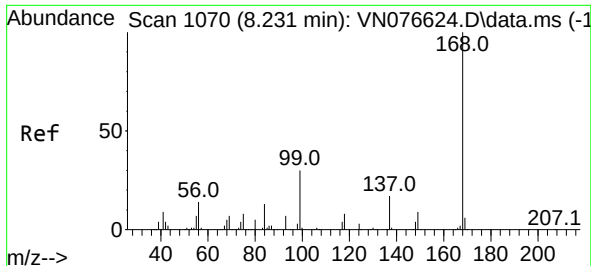
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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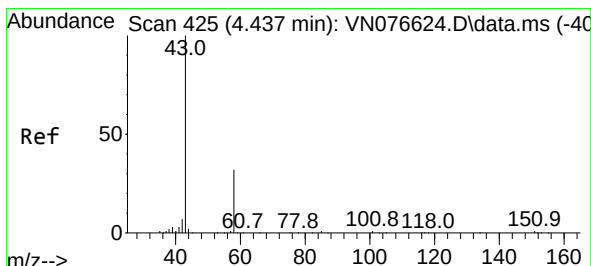
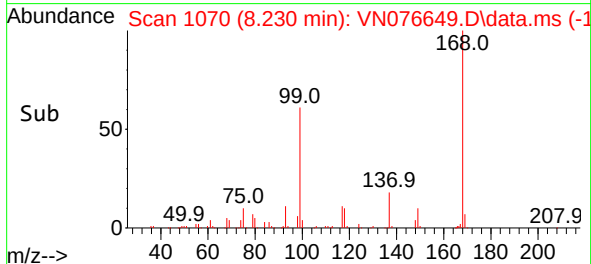
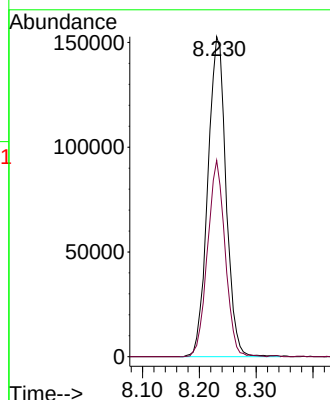
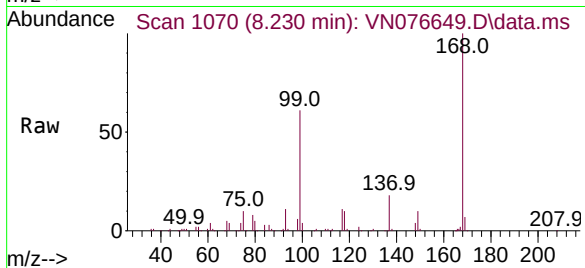




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.001 min
Lab File: VN076649.D
Acq: 13 Feb 2023 23:56

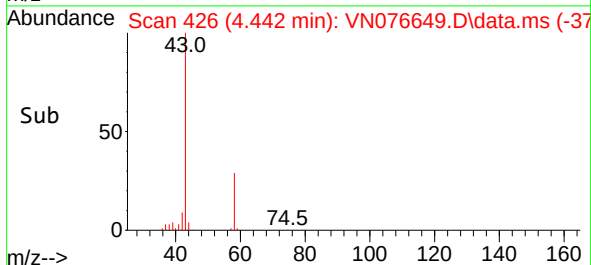
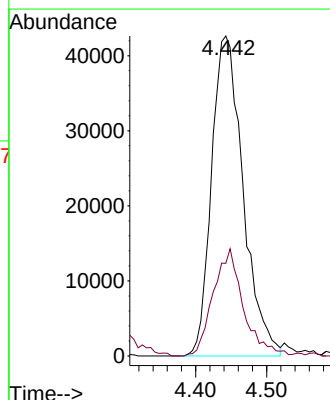
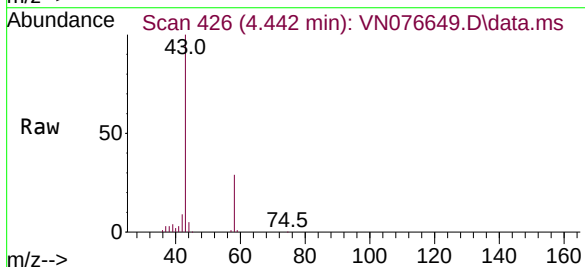
Instrument :
MSVOA_N
ClientSampleId :
BARN-EAST-END-DRAIN

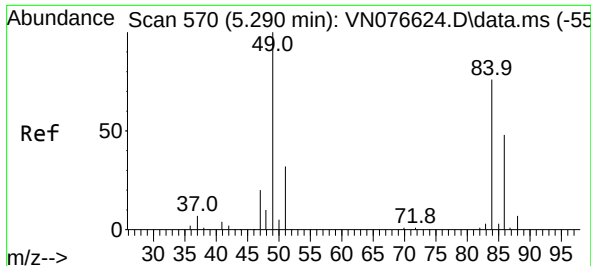
Tgt Ion:168 Resp: 339308
Ion Ratio Lower Upper
168 100
99 61.4 44.8 67.2



#16
Acetone
Concen: 62.690 ug/l
RT: 4.442 min Scan# 426
Delta R.T. 0.005 min
Lab File: VN076649.D
Acq: 13 Feb 2023 23:56

Tgt Ion: 43 Resp: 131203
Ion Ratio Lower Upper
43 100
58 29.0 25.9 38.9

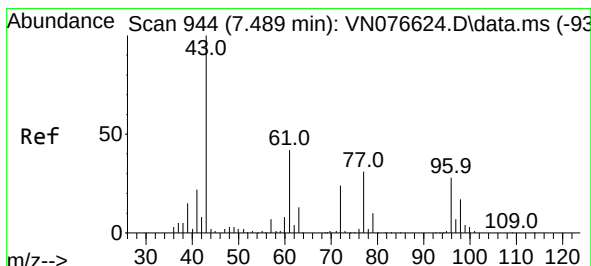
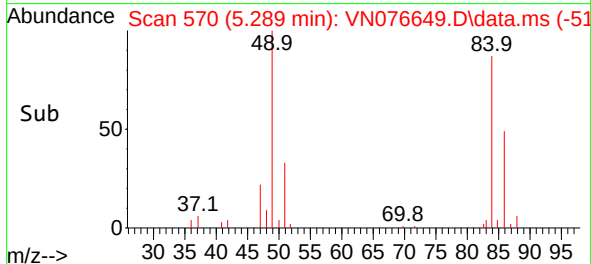
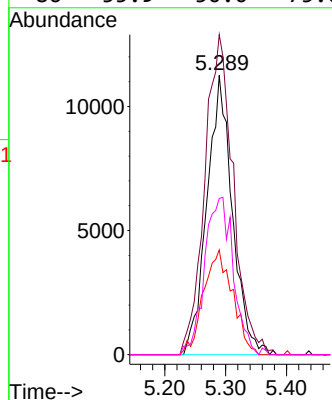
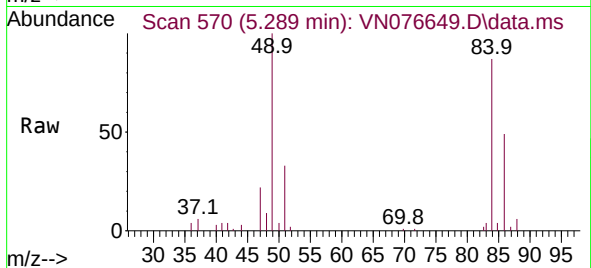




#20
Methylene Chloride
Concen: 7.478 ug/l
RT: 5.289 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN076649.D
Acq: 13 Feb 2023 23:56

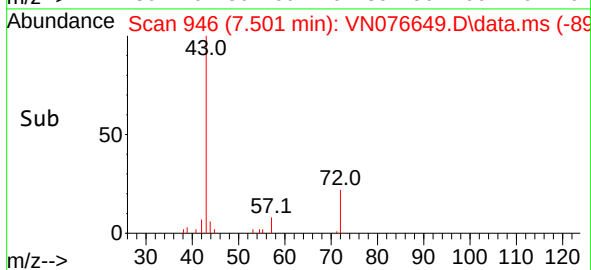
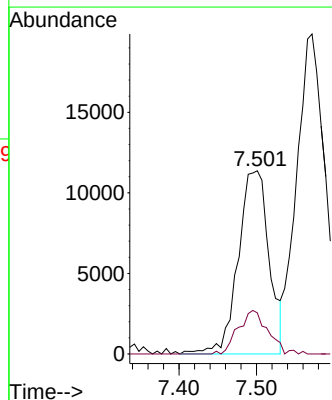
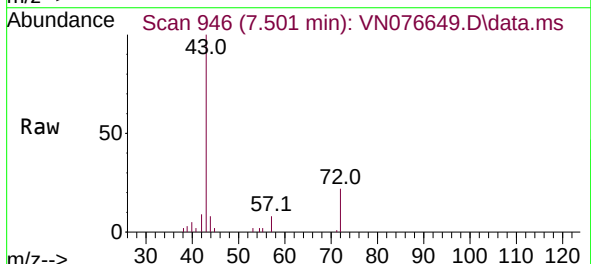
Instrument :
MSVOA_N
ClientSampleId :
BARN-EAST-END-DRAIN

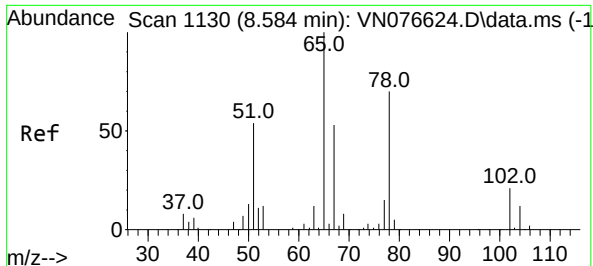
Tgt Ion:	84	Resp:	32800
Ion	Ratio	Lower	Upper
84	100		
49	114.5	104.9	157.3
51	37.5	33.8	50.8
86	55.9	50.0	75.0



#25
2-Butanone
Concen: 10.247 ug/l
RT: 7.501 min Scan# 946
Delta R.T. 0.012 min
Lab File: VN076649.D
Acq: 13 Feb 2023 23:56

Tgt Ion:	43	Resp:	31633
Ion	Ratio	Lower	Upper
43	100		
72	22.4	19.4	29.2





#33

1,2-Dichloroethane-d4

Concen: 48.977 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN076649.D

Acq: 13 Feb 2023 23:56

Instrument :

MSVOA_N

ClientSampleId :

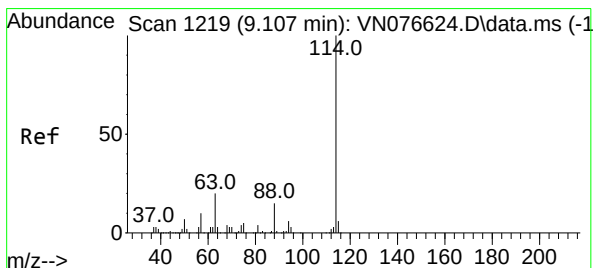
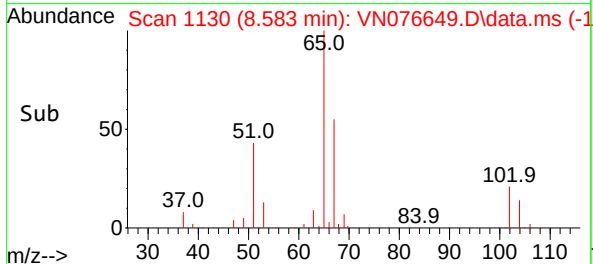
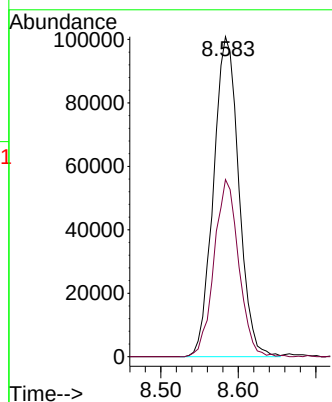
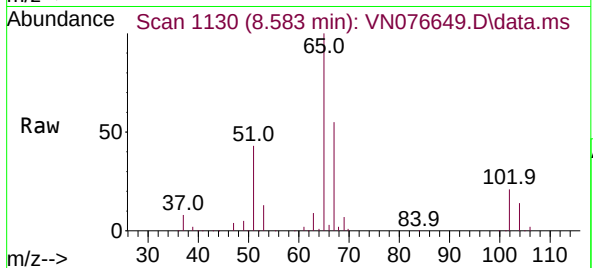
BARN-EAST-END-DRAIN

Tgt Ion: 65 Resp: 229474

Ion Ratio Lower Upper

65 100

67 53.8 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN076649.D

Acq: 13 Feb 2023 23:56

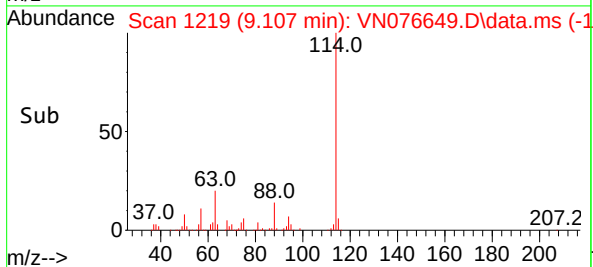
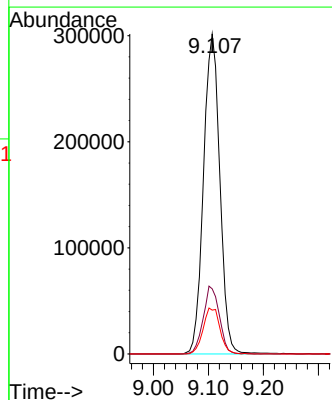
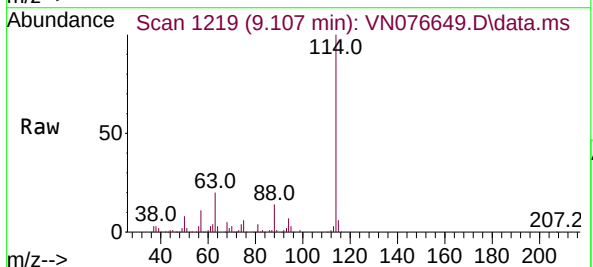
Tgt Ion: 114 Resp: 623476

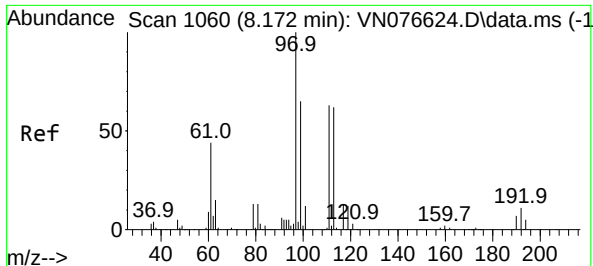
Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.0

88 13.7 0.0 29.6

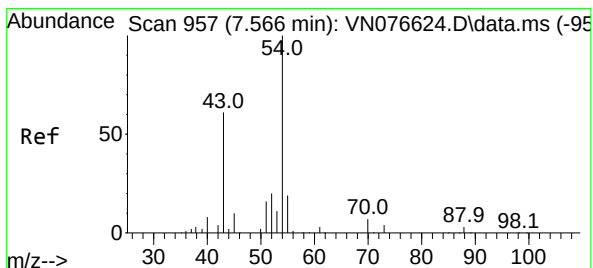
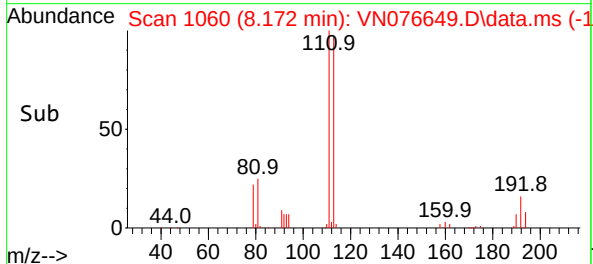
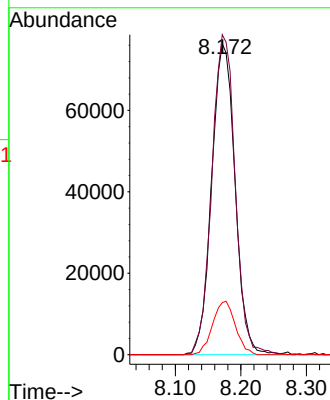
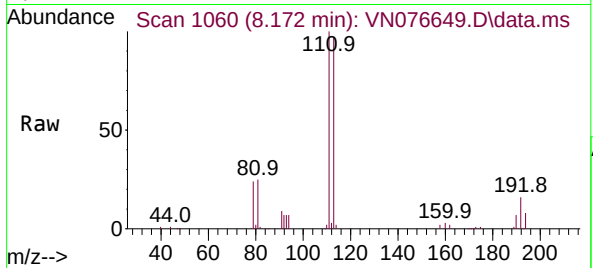




#35
Dibromofluoromethane
Concen: 46.227 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN076649.D
Acq: 13 Feb 2023 23:56

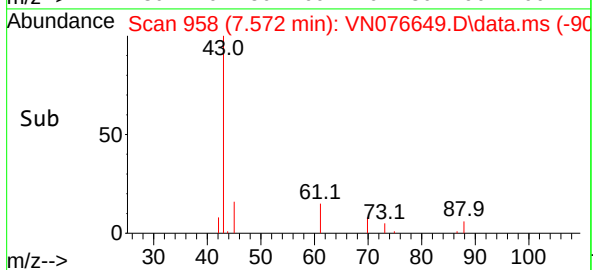
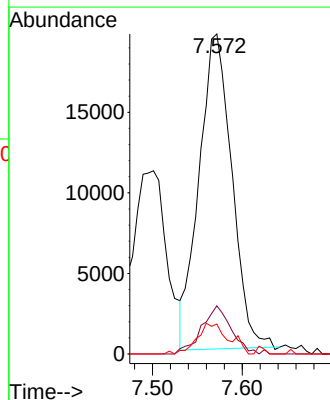
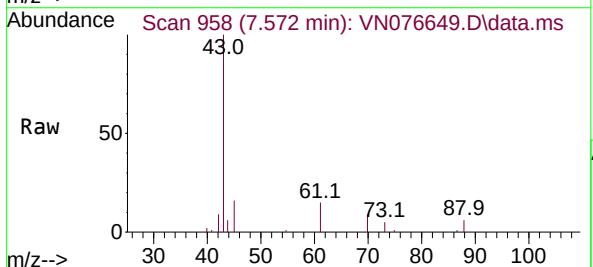
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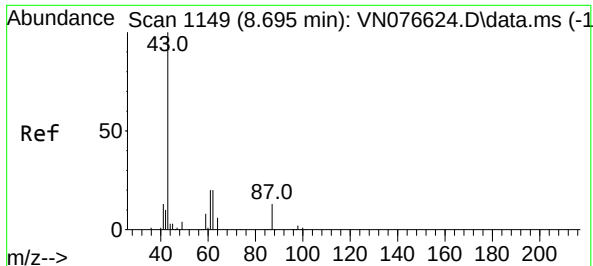
Tgt Ion:113 Resp: 188746
Ion Ratio Lower Upper
113 100
111 102.8 83.1 124.7
192 16.8 15.6 23.4



#37
Ethyl Acetate
Concen: 7.995 ug/l
RT: 7.572 min Scan# 958
Delta R.T. 0.006 min
Lab File: VN076649.D
Acq: 13 Feb 2023 23:56

Tgt Ion: 43 Resp: 49624
Ion Ratio Lower Upper
43 100
61 13.9 9.9 14.9
70 9.3 7.8 11.6





#43

Isopropyl Acetate

Concen: 40.695 ug/l

RT: 8.689 min Scan# 1148

Delta R.T. -0.006 min

Lab File: VN076649.D

Acq: 13 Feb 2023 23:56

Instrument :

MSVOA_N

ClientSampleId :

BARN-EAST-END-DRAIN

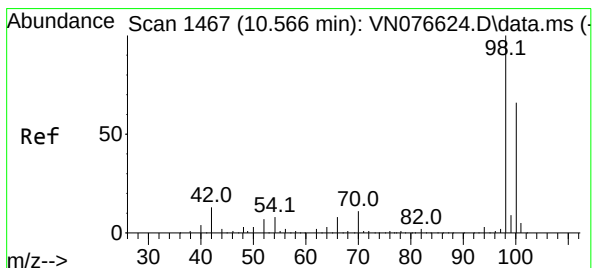
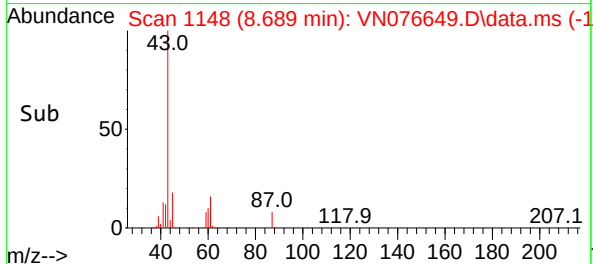
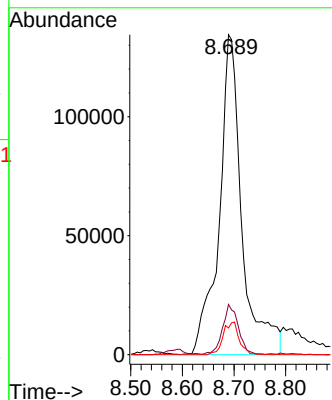
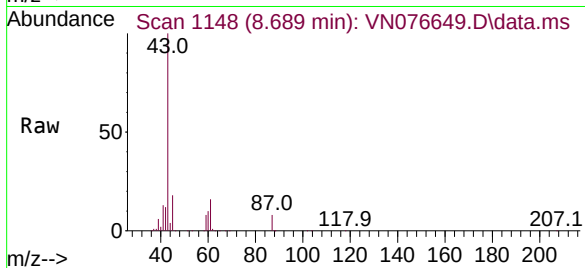
Tgt Ion: 43 Resp: 411022

Ion Ratio Lower Upper

43 100

61 10.8 20.0 30.0#

87 7.1 9.9 14.9#



#50

Toluene-d8

Concen: 50.639 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. 0.006 min

Lab File: VN076649.D

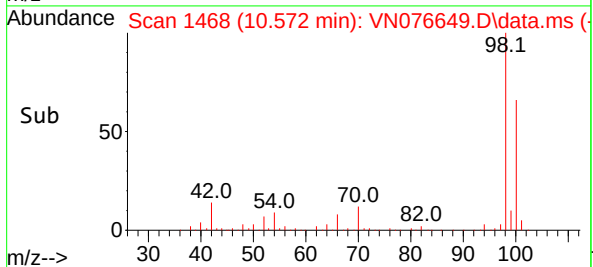
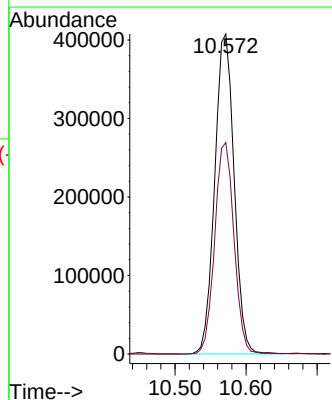
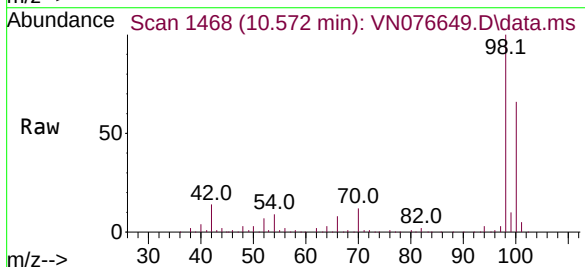
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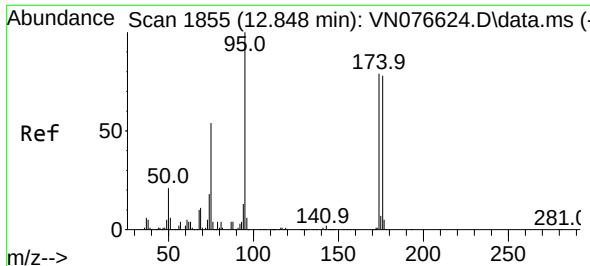
Tgt Ion: 98 Resp: 772159

Ion Ratio Lower Upper

98 100

100 65.6 52.9 79.3

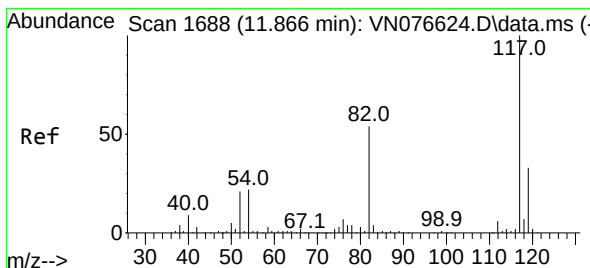
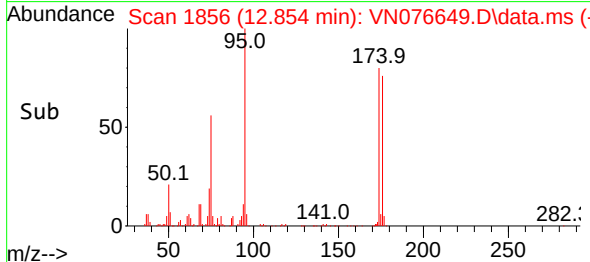
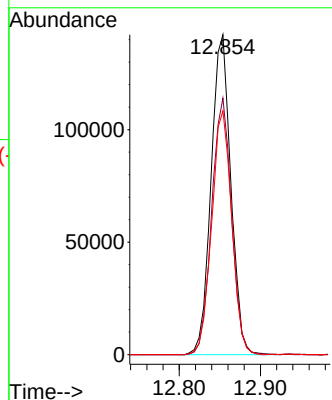
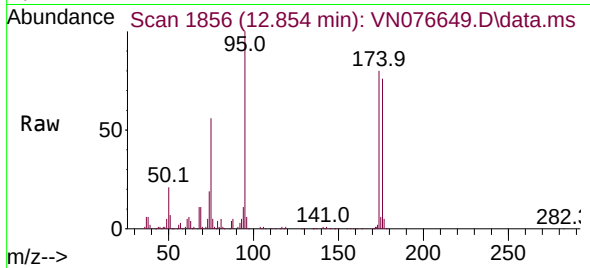




#62
4-Bromofluorobenzene
Concen: 47.560 ug/l
RT: 12.854 min Scan# 1855
Delta R.T. 0.006 min
Lab File: VN076649.D
Acq: 13 Feb 2023 23:56

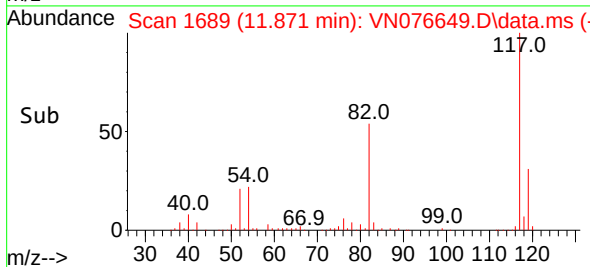
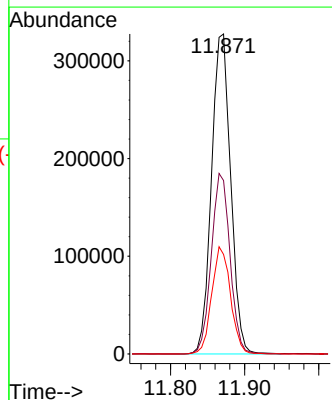
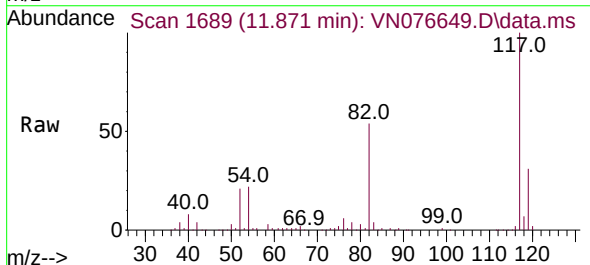
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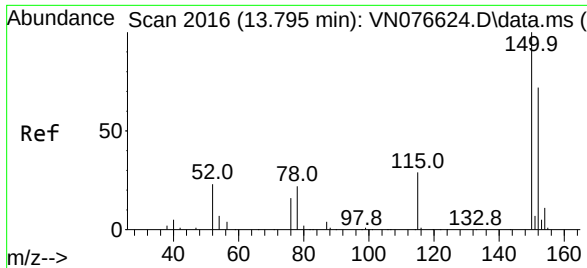
Tgt Ion: 95 Resp: 240194
Ion Ratio Lower Upper
95 100
174 80.5 0.0 169.2
176 77.2 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN076649.D
Acq: 13 Feb 2023 23:56

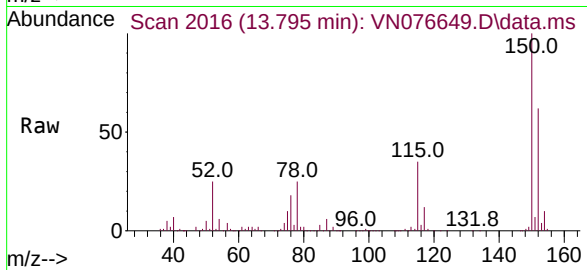
Tgt Ion: 117 Resp: 588579
Ion Ratio Lower Upper
117 100
82 54.2 43.4 65.2
119 31.1 26.1 39.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.795 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN076649.D
 Acq: 13 Feb 2023 23:56

Instrument :
 MSVOA_N
 ClientSampleId :
 BARN-EAST-END-DRAIN



Tgt Ion:152 Resp: 231879
 Ion Ratio Lower Upper
 152 100
 115 59.8 29.3 87.9
 150 158.7 0.0 349.8

