

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120821\
 Data File : VN069891.D
 Acq On : 9 Dec 2021 4:46
 Operator : JC/MD
 Sample : M4959-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1S

Quant Time: Dec 09 11:58:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

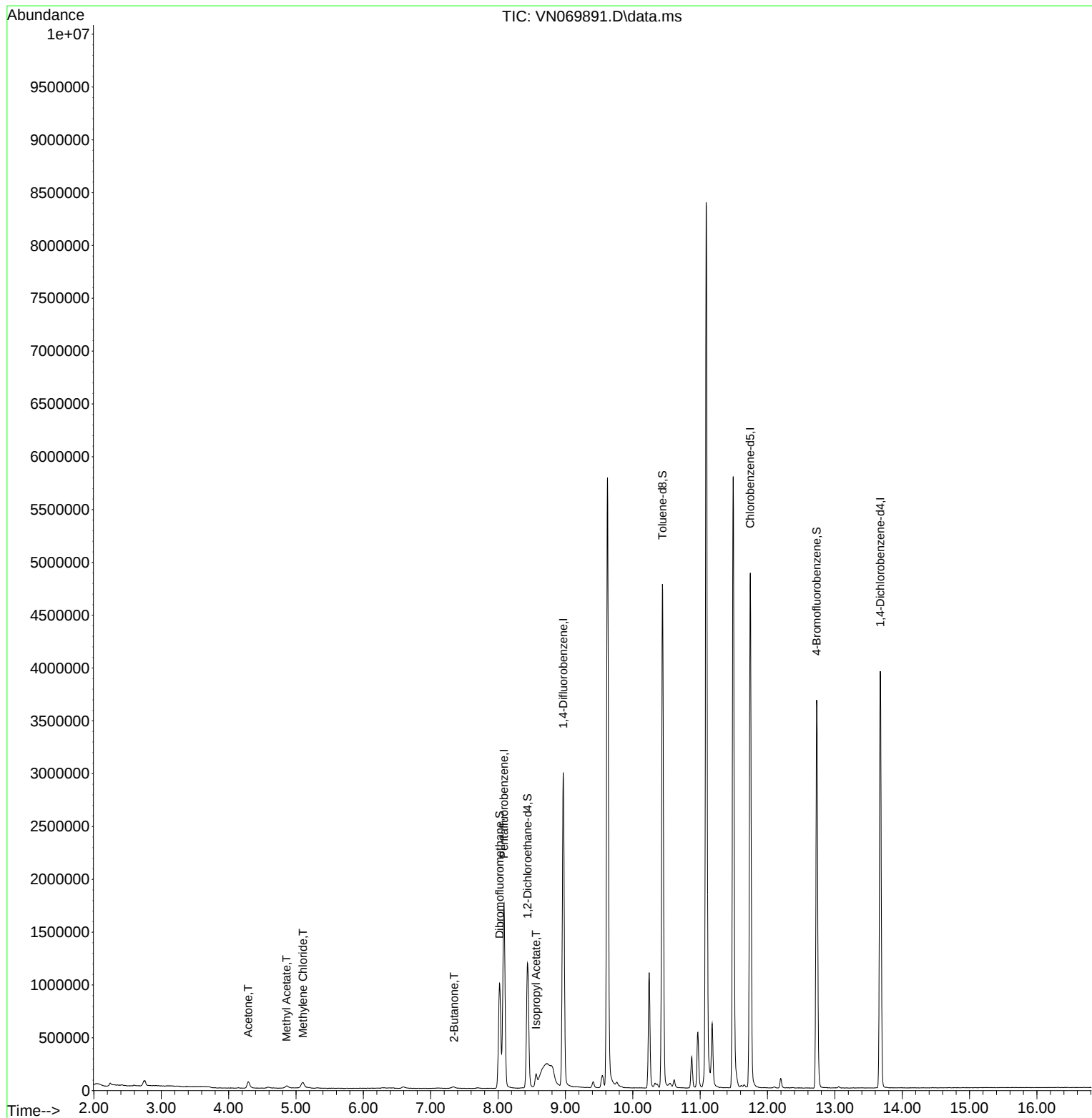
Internal Standards						
1) Pentafluorobenzene	8.088	168	1305637	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2451089	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2697753	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1065264	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	1035864	51.385	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 102.760%	
35) Dibromofluoromethane	8.021	113	726985	47.351	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 94.700%	
50) Toluene-d8	10.440	98	3211928	52.101	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 104.200%	
62) 4-Bromofluorobenzene	12.731	95	1285233	57.547	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 115.100%	
Target Compounds						
					Qvalue	
16) Acetone	4.291	43	112607	9.286	ug/l	95
18) Methyl Acetate	4.859	43	48698	1.330	ug/l	91
20) Methylene Chloride	5.103	84	36478	2.263	ug/l	87
25) 2-Butanone	7.345	43	20166	1.224	ug/l	98
43) Isopropyl Acetate	8.566	43	154136	2.999	ug/l #	81

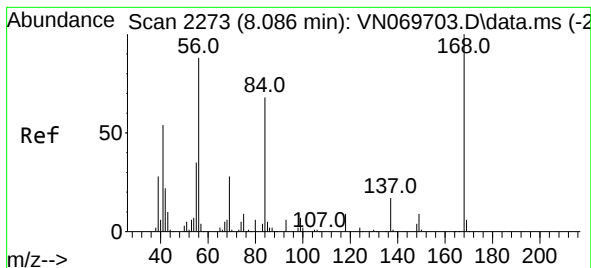
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Dec 03 08:46:47 2021
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.088 min Scan# 21

Delta R.T. 0.002 min

Lab File: VN069891.D

Acq: 9 Dec 2021 4:46

Instrument :

MSVOA_N

ClientSampleId :

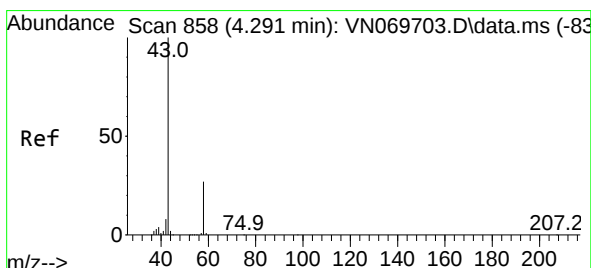
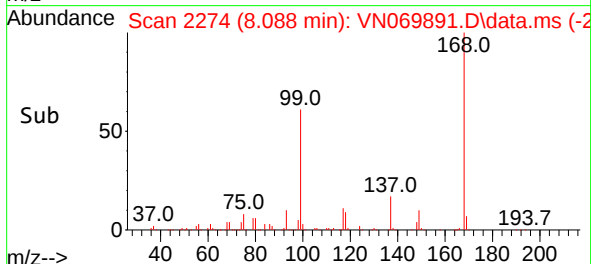
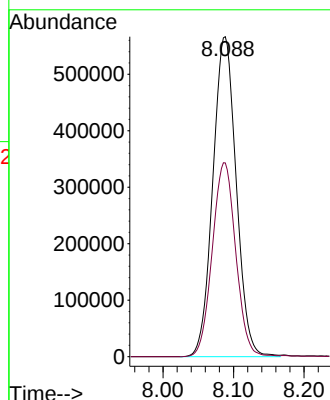
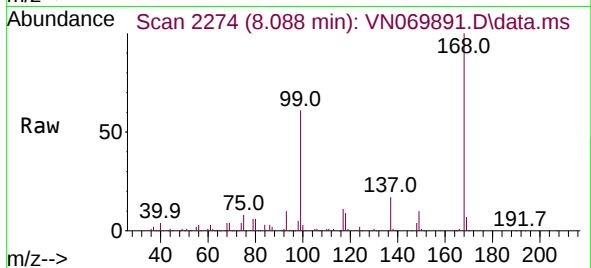
TP-1S

Tgt Ion:168 Resp: 1305637

Ion Ratio Lower Upper

168 100

99 60.5 41.3 61.9



#16

Acetone

Concen: 9.286 ug/l

RT: 4.291 min Scan# 858

Delta R.T. 0.000 min

Lab File: VN069891.D

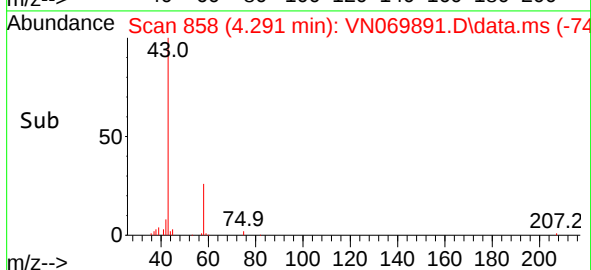
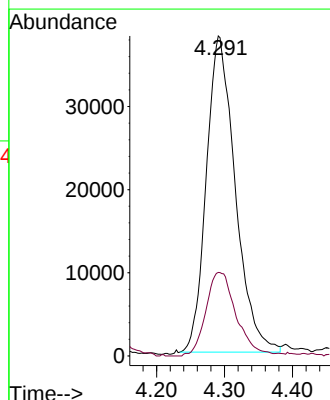
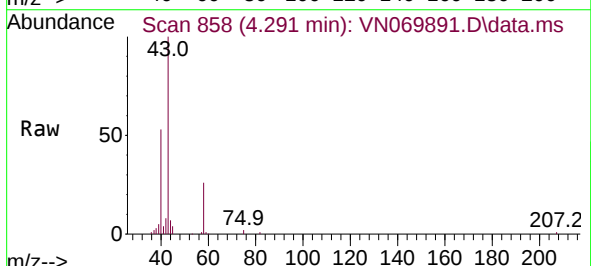
Acq: 9 Dec 2021 4:46

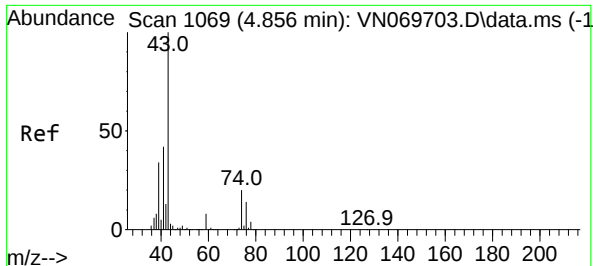
Tgt Ion: 43 Resp: 112607

Ion Ratio Lower Upper

43 100

58 26.4 23.1 34.7





#18

Methyl Acetate

Concen: 1.330 ug/l

RT: 4.859 min Scan# 1106

Delta R.T. 0.003 min

Lab File: VN069891.D

Acq: 9 Dec 2021 4:46

Instrument :

MSVOA_N

ClientSampleId :

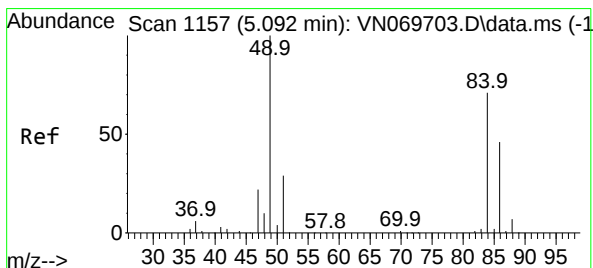
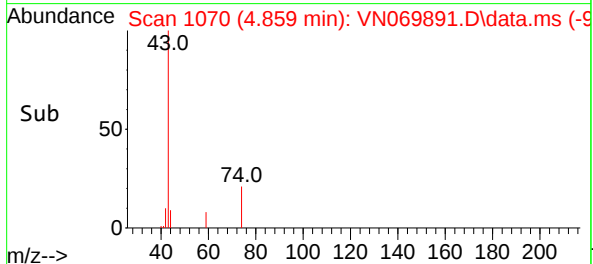
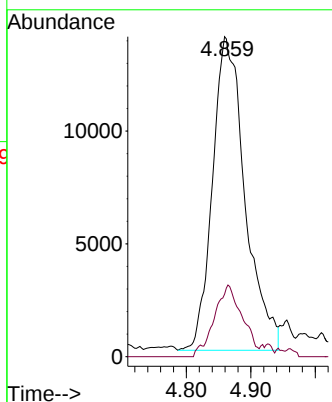
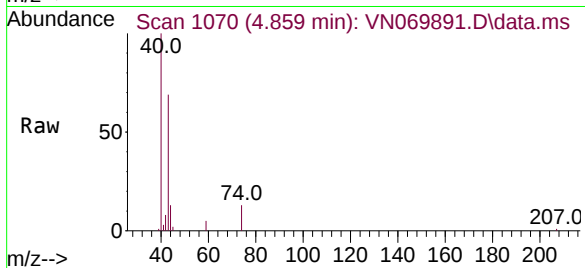
TP-1S

Tgt Ion: 43 Resp: 48698

Ion Ratio Lower Upper

43 100

74 19.7 19.4 29.2



#20

Methylene Chloride

Concen: 2.263 ug/l

RT: 5.103 min Scan# 1161

Delta R.T. 0.011 min

Lab File: VN069891.D

Acq: 9 Dec 2021 4:46

Tgt Ion: 84 Resp: 36478

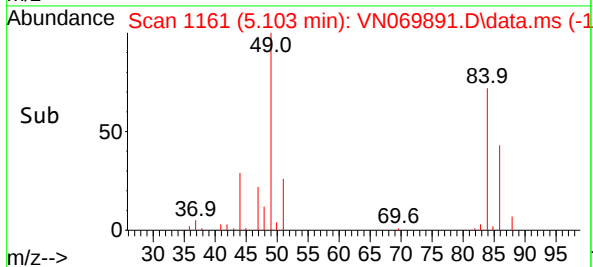
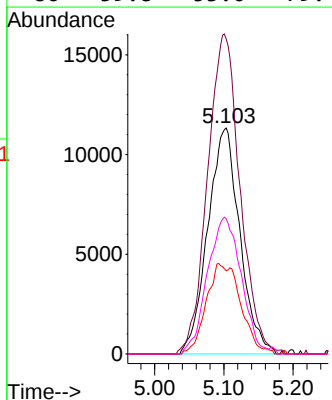
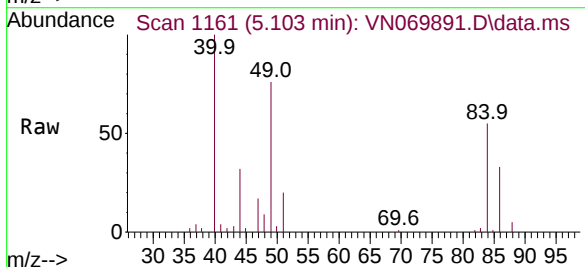
Ion Ratio Lower Upper

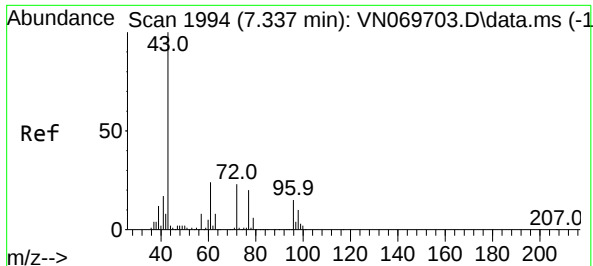
84 100

49 138.1 93.5 140.3

51 36.8 29.4 44.2

86 59.8 53.0 79.4





#25

2-Butanone

Concen: 1.224 ug/l

RT: 7.345 min Scan# 1994

Delta R.T. 0.008 min

Lab File: VN069891.D

Acq: 9 Dec 2021 4:46

Instrument :

MSVOA_N

ClientSampleId :

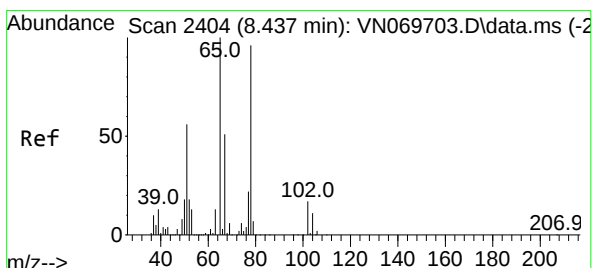
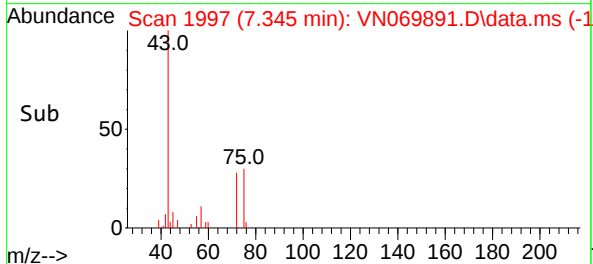
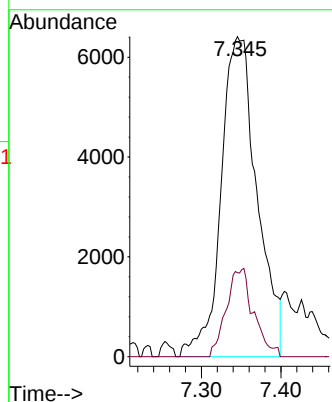
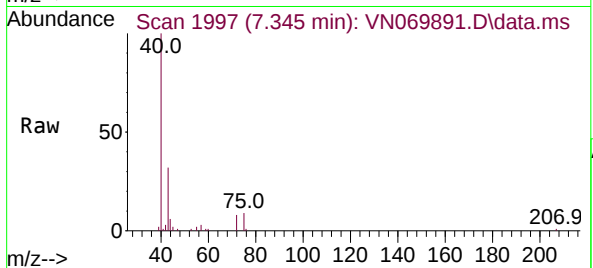
TP-1S

Tgt Ion: 43 Resp: 20166

Ion Ratio Lower Upper

43 100

72 26.2 21.7 32.5



#33

1,2-Dichloroethane-d4

Concen: 51.385 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN069891.D

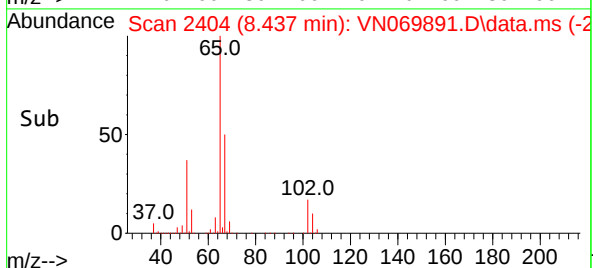
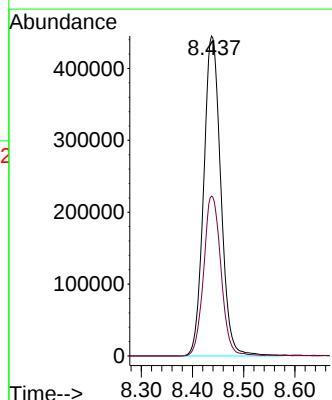
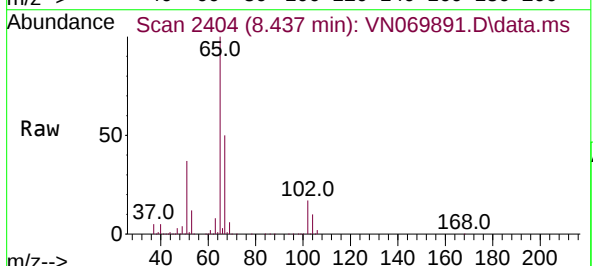
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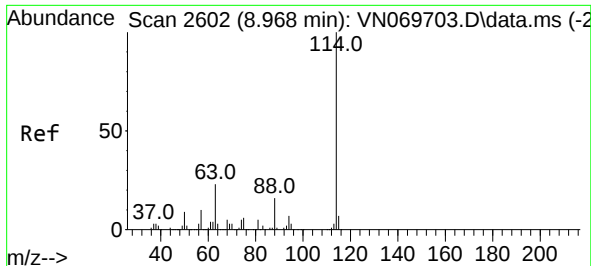
Tgt Ion: 65 Resp: 1035864

Ion Ratio Lower Upper

65 100

67 50.6 0.0 103.0

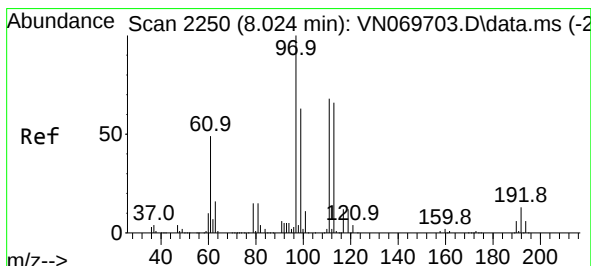
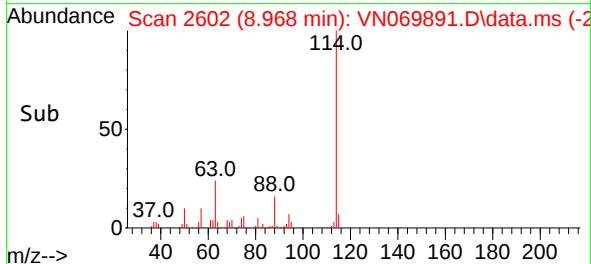
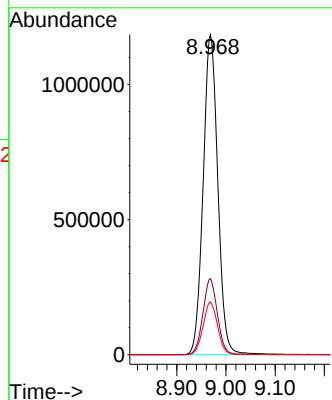
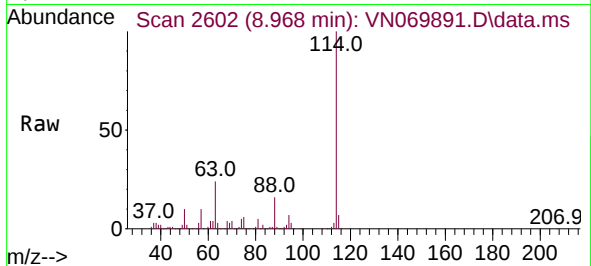




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN069891.D
Acq: 9 Dec 2021 4:46

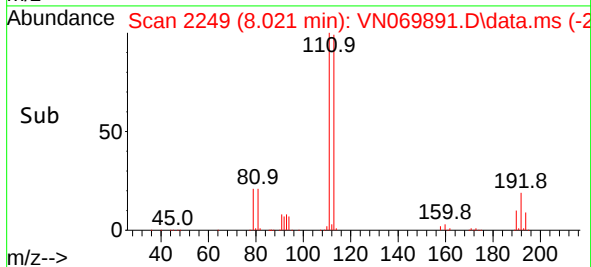
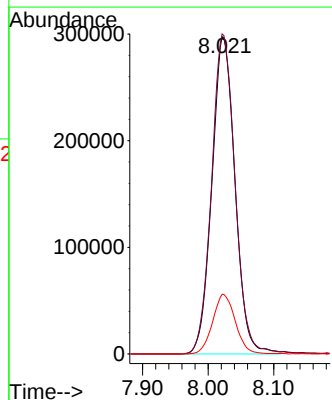
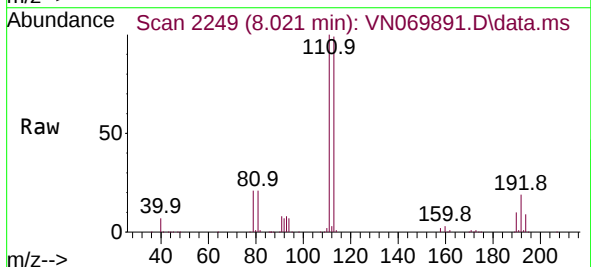
Instrument :
MSVOA_N
ClientSampleId :
TP-1S

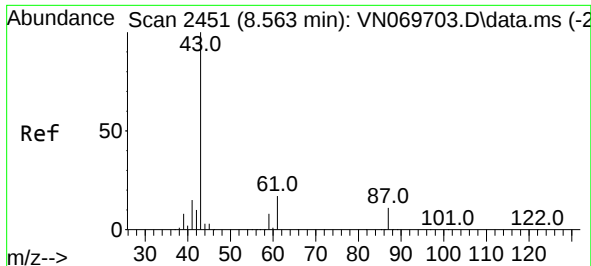
Tgt Ion:114 Resp: 2451089
Ion Ratio Lower Upper
114 100
63 23.8 0.0 37.8
88 16.4 0.0 27.4



#35
Dibromofluoromethane
Concen: 47.351 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. -0.003 min
Lab File: VN069891.D
Acq: 9 Dec 2021 4:46

Tgt Ion:113 Resp: 726985
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.2
192 18.5 16.9 25.3





#43

Isopropyl Acetate

Concen: 2.999 ug/l

RT: 8.566 min Scan# 2451

Delta R.T. 0.003 min

Lab File: VN069891.D

Acq: 9 Dec 2021 4:46

Instrument :

MSVOA_N

ClientSampleId :

TP-1S

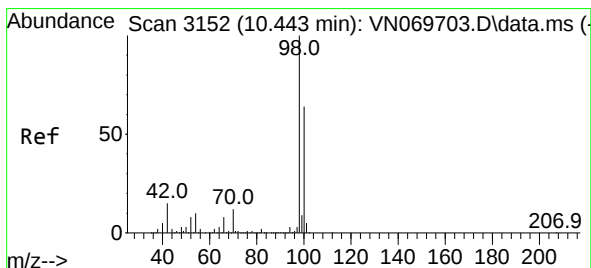
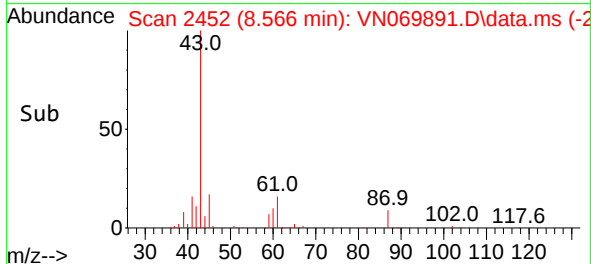
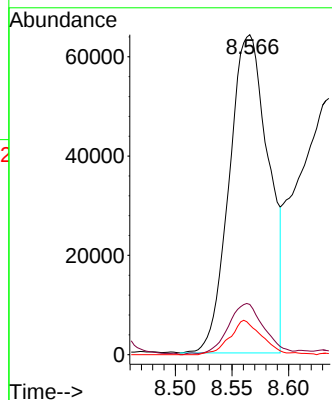
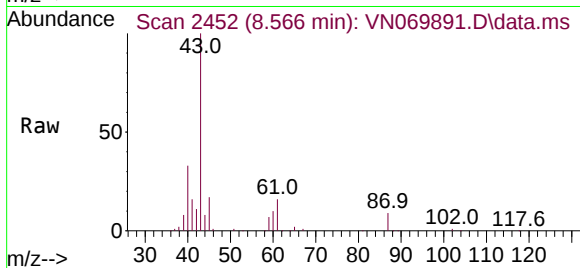
Tgt Ion: 43 Resp: 154136

Ion Ratio Lower Upper

43 100

61 13.9 20.4 30.6#

87 8.8 11.2 16.8#



#50

Toluene-d8

Concen: 52.101 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. -0.003 min

Lab File: VN069891.D

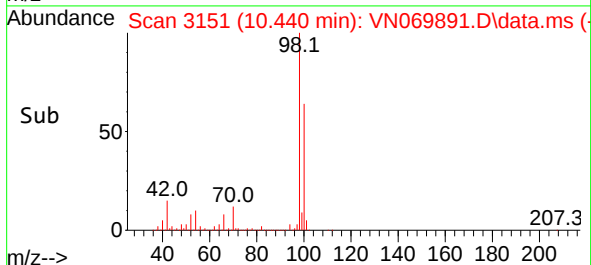
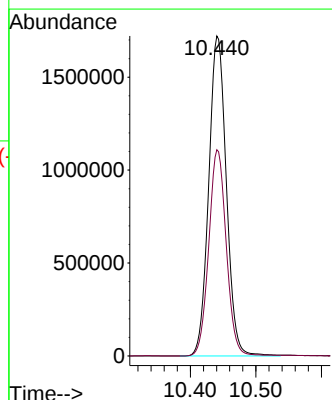
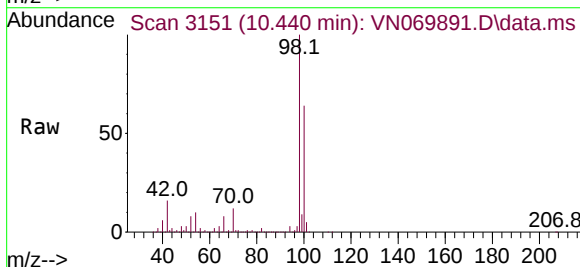
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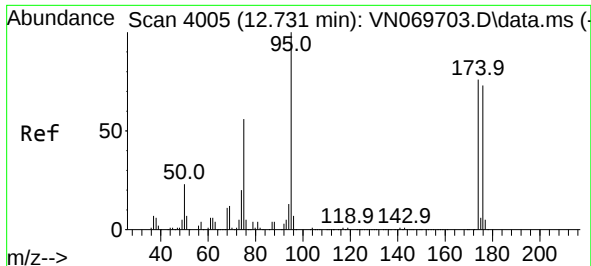
Tgt Ion: 98 Resp: 3211928

Ion Ratio Lower Upper

98 100

100 64.1 50.4 75.6

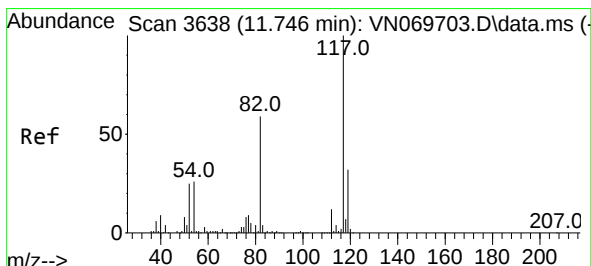
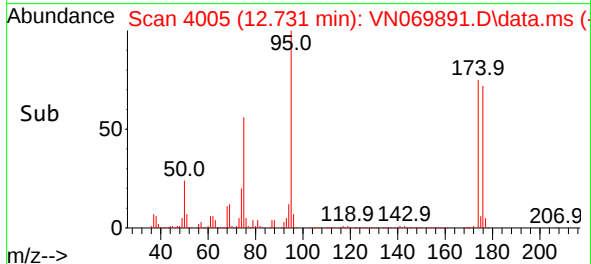
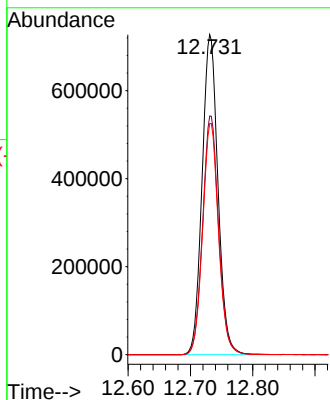
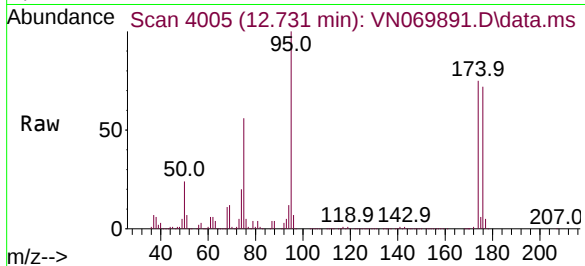




#62
4-Bromofluorobenzene
Concen: 57.547 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069891.D
Acq: 9 Dec 2021 4:46

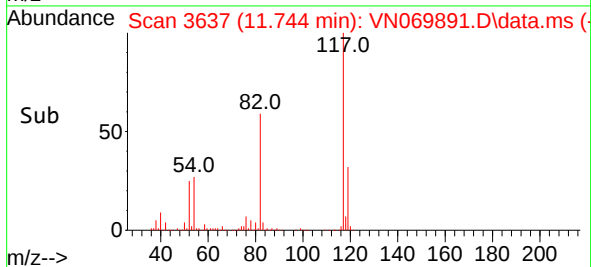
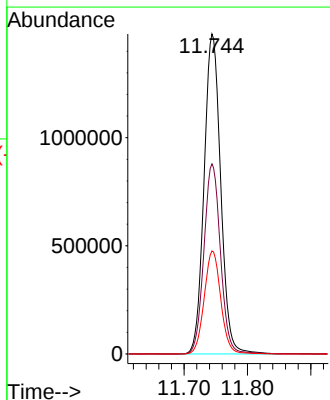
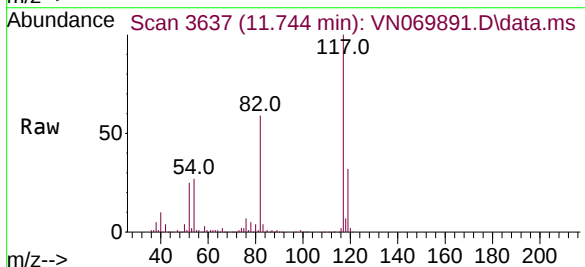
Instrument :
MSVOA_N
ClientSampleId :
TP-1S

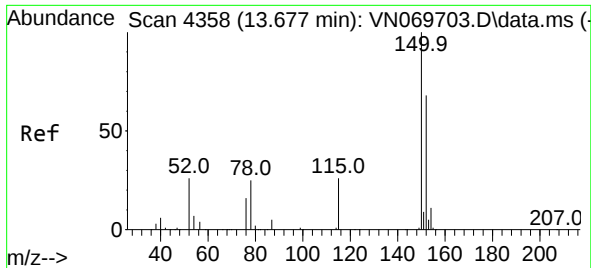
Tgt Ion: 95 Resp: 1285233
Ion Ratio Lower Upper
95 100
174 75.3 0.0 187.2
176 72.3 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN069891.D
Acq: 9 Dec 2021 4:46

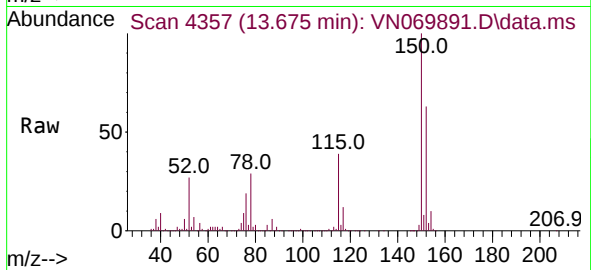
Tgt Ion: 117 Resp: 2697753
Ion Ratio Lower Upper
117 100
82 59.4 42.4 63.6
119 32.2 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.675 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VN069891.D
 Acq: 9 Dec 2021 4:46

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1S



Tgt Ion:152 Resp: 1065264

Ion	Ratio	Lower	Upper
152	100		
115	61.6	27.5	82.5
150	158.2	0.0	344.4

