

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120921\
 Data File : VN069946.D
 Acq On : 10 Dec 2021 6:45
 Operator : JC/MD
 Sample : M4966-20
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 P14-11

Quant Time: Dec 10 08:16:39 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)

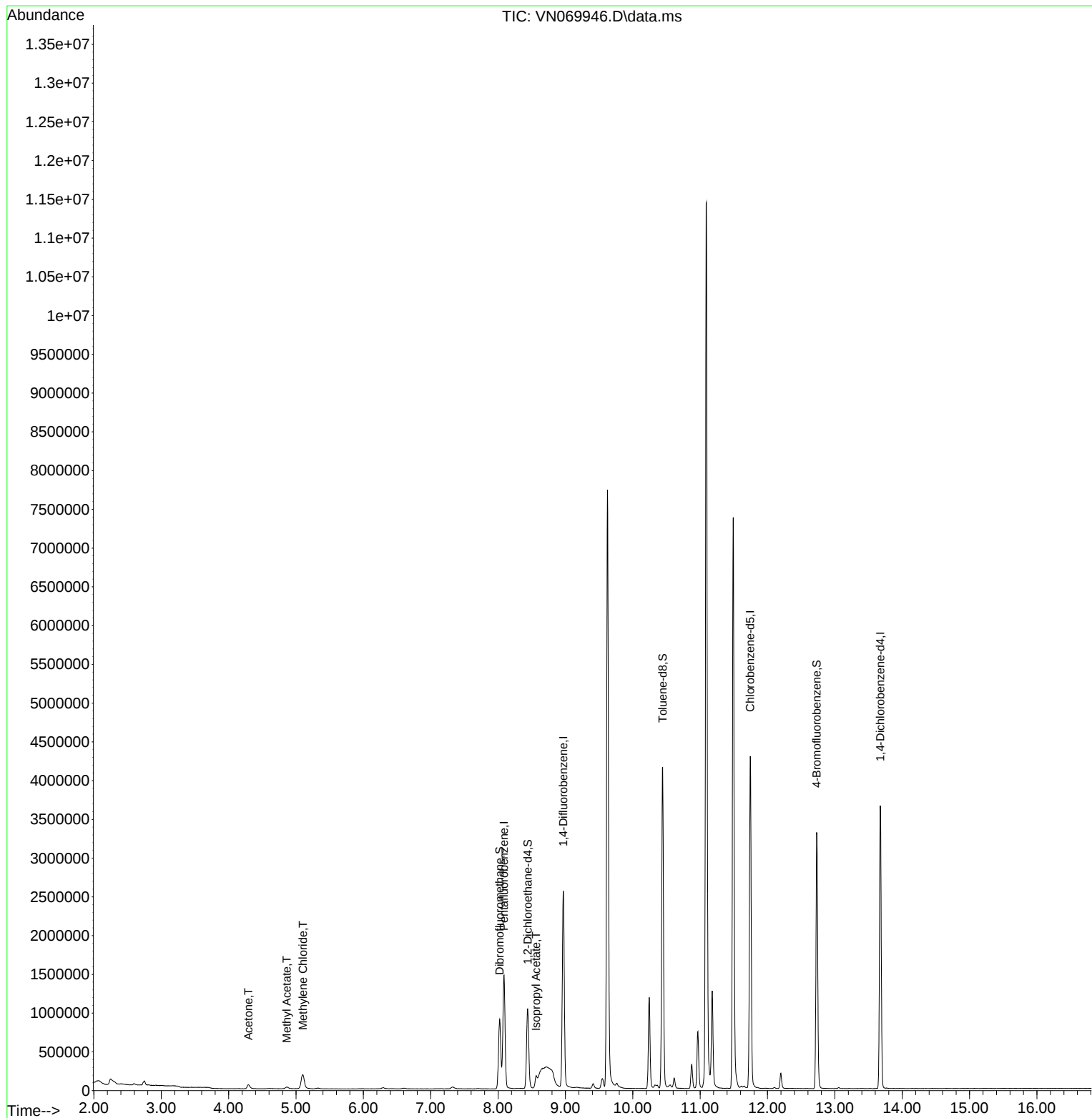
Internal Standards						
1) Pentafluorobenzene	8.088	168	1073554	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2109491	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2412005	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	972688	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	887722	53.556	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	107.120%
35) Dibromofluoromethane	8.024	113	649764	49.175	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.340%
50) Toluene-d8	10.443	98	2797197	52.721	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.440%
62) 4-Bromofluorobenzene	12.731	95	1145646	59.604	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	119.200%
Target Compounds						
					Qvalue	
16) Acetone	4.293	43	96709	9.699	ug/l	99
18) Methyl Acetate	4.862	43	47868	1.590	ug/l #	90
20) Methylene Chloride	5.103	84	133192	10.048	ug/l	87
43) Isopropyl Acetate	8.566	43	199319	4.506	ug/l #	78

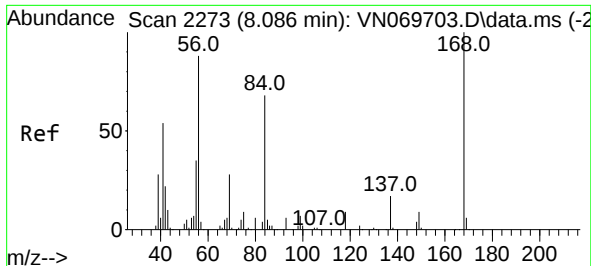
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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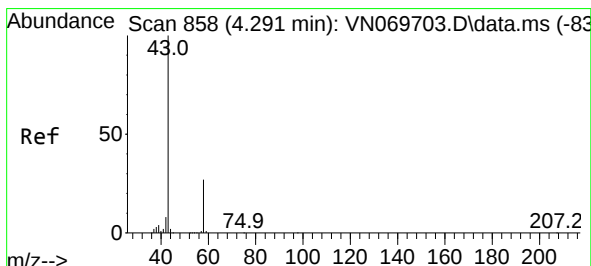
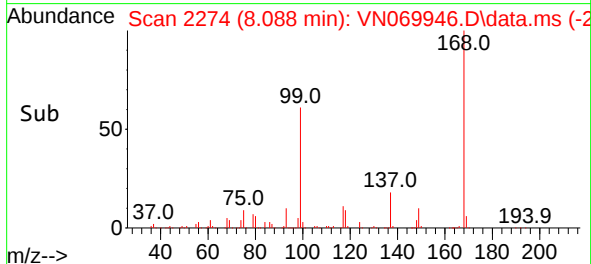
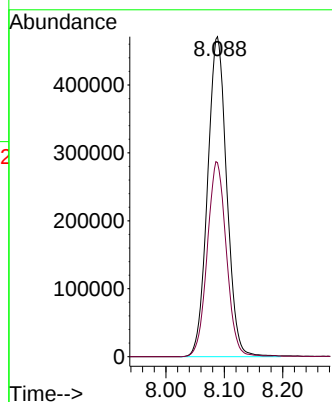
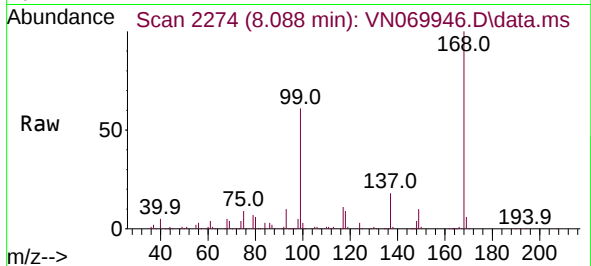




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069946.D
Acq: 10 Dec 2021 6:45

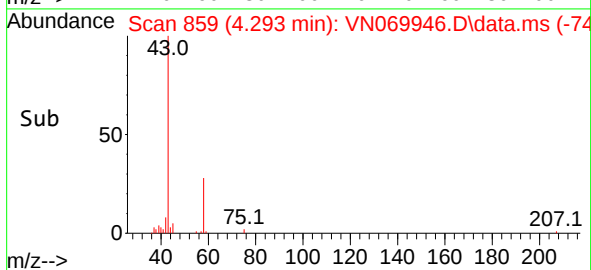
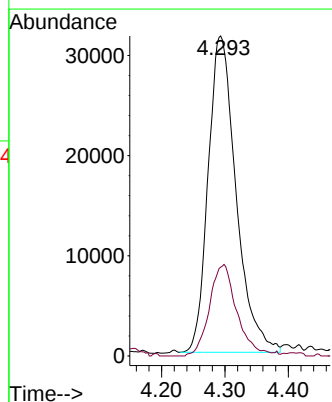
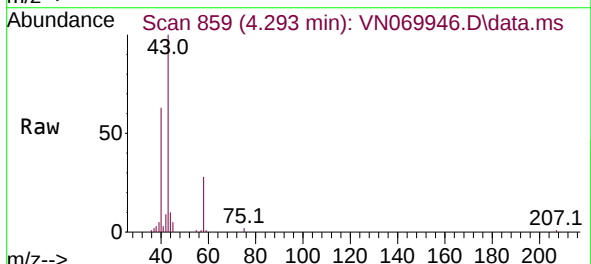
Instrument :
MSVOA_N
ClientSampleId :
P14-11

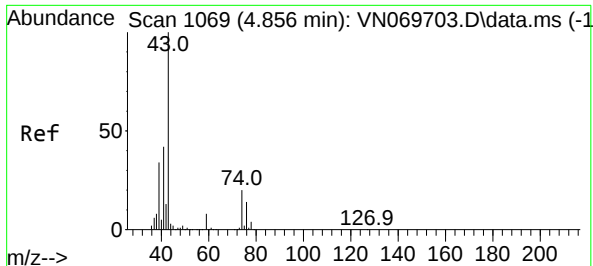
Tgt Ion:168 Resp: 1073554
Ion Ratio Lower Upper
168 100
99 60.7 41.3 61.9



#16
Acetone
Concen: 9.699 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.003 min
Lab File: VN069946.D
Acq: 10 Dec 2021 6:45

Tgt Ion: 43 Resp: 96709
Ion Ratio Lower Upper
43 100
58 28.1 23.1 34.7





#18

Methyl Acetate

Concen: 1.590 ug/l

RT: 4.862 min Scan# 1161

Delta R.T. 0.005 min

Lab File: VN069946.D

Acq: 10 Dec 2021 6:45

Instrument :

MSVOA_N

ClientSampleId :

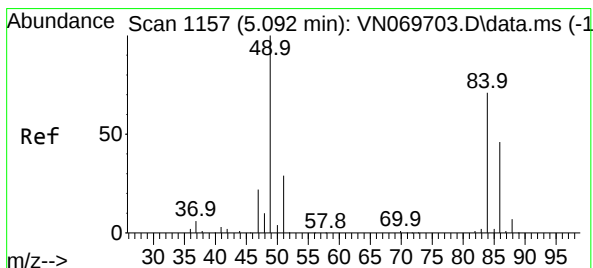
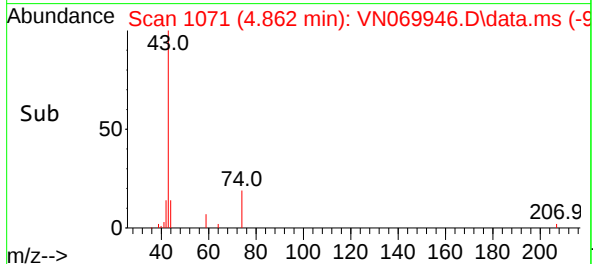
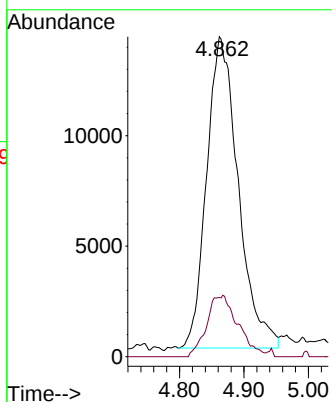
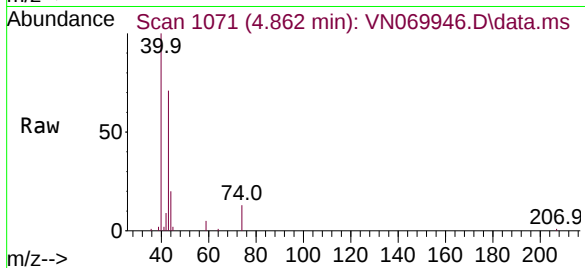
P14-11

Tgt Ion: 43 Resp: 47868

Ion Ratio Lower Upper

43 100

74 19.4 19.4 29.2#



#20

Methylene Chloride

Concen: 10.048 ug/l

RT: 5.103 min Scan# 1161

Delta R.T. 0.011 min

Lab File: VN069946.D

Acq: 10 Dec 2021 6:45

Tgt Ion: 84 Resp: 133192

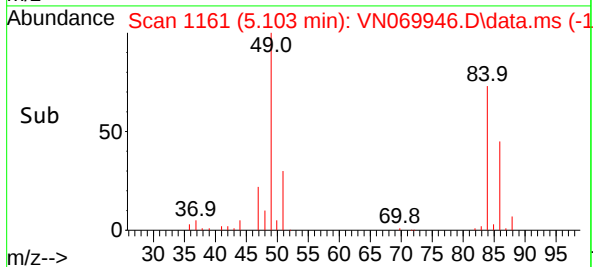
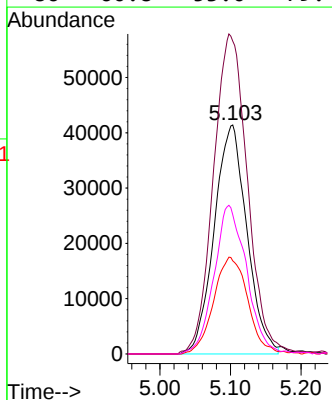
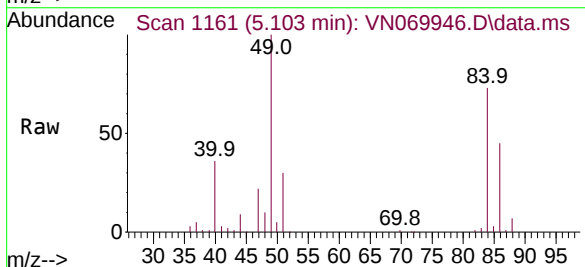
Ion Ratio Lower Upper

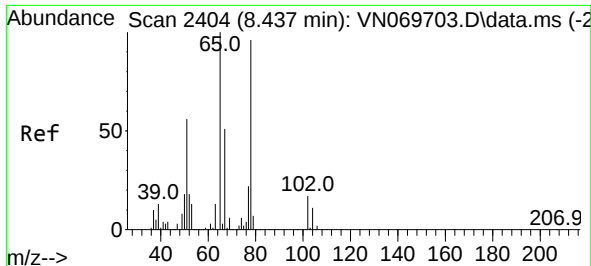
84 100

49 136.6 93.5 140.3

51 40.7 29.4 44.2

86 60.8 53.0 79.4





#33

1,2-Dichloroethane-d4

Concen: 53.556 ug/l

RT: 8.440 min Scan# 24

Delta R.T. 0.003 min

Lab File: VN069946.D

Acq: 10 Dec 2021 6:45

Instrument :

MSVOA_N

ClientSampleId :

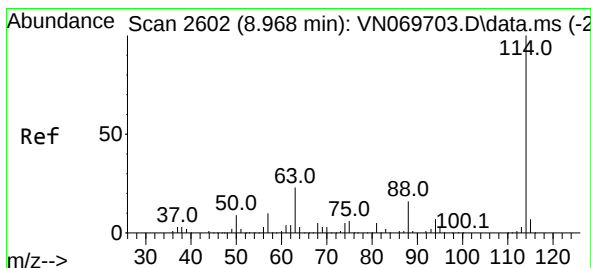
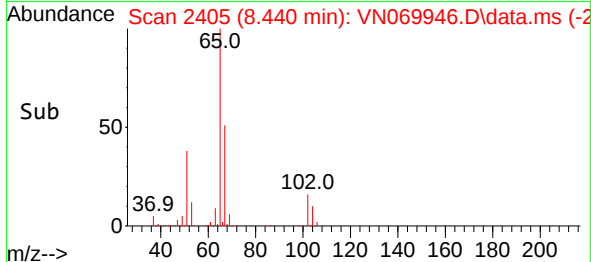
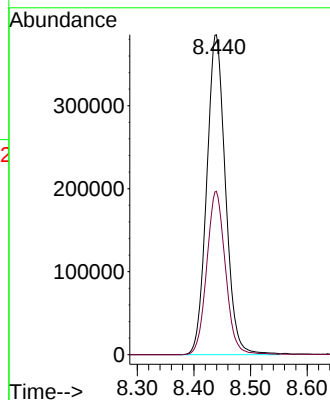
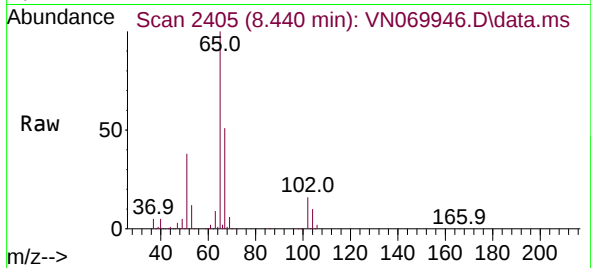
P14-11

Tgt Ion: 65 Resp: 887722

Ion Ratio Lower Upper

65 100

67 50.7 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. -0.000 min

Lab File: VN069946.D

Acq: 10 Dec 2021 6:45

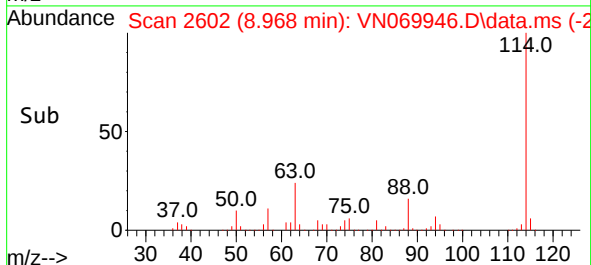
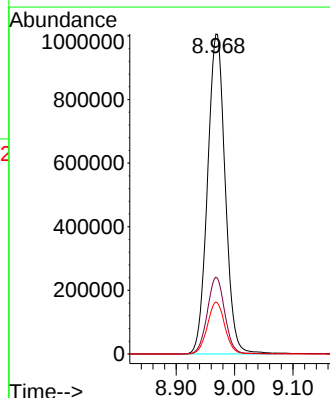
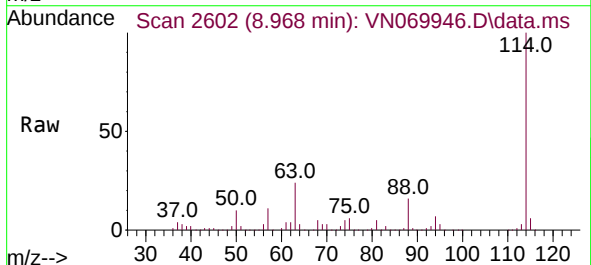
Tgt Ion: 114 Resp: 2109491

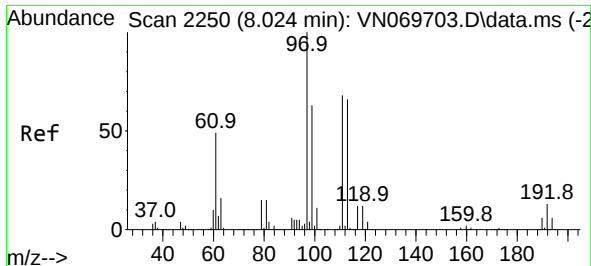
Ion Ratio Lower Upper

114 100

63 24.0 0.0 37.8

88 16.3 0.0 27.4

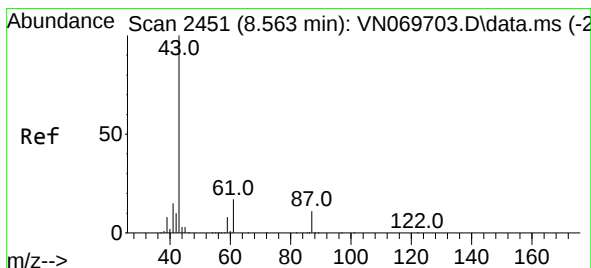
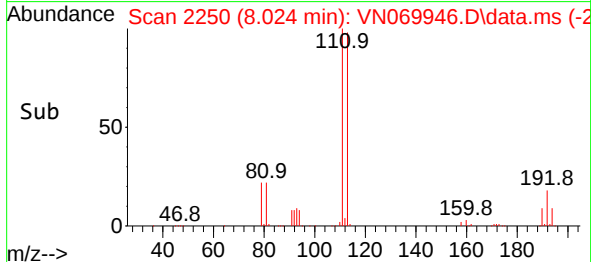
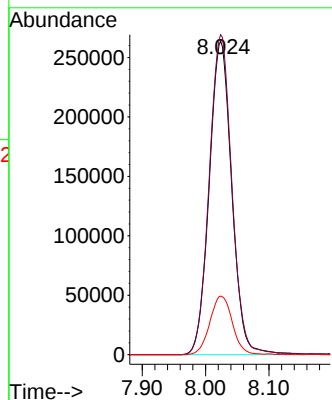
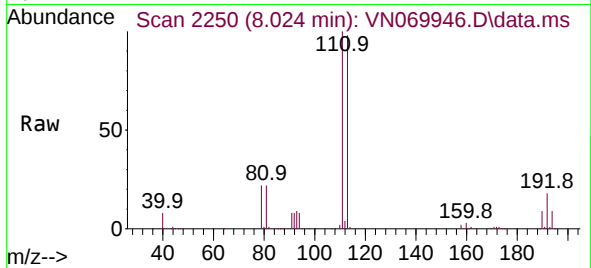




#35
Dibromofluoromethane
Concen: 49.175 ug/l
RT: 8.024 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN069946.D
Acq: 10 Dec 2021 6:45

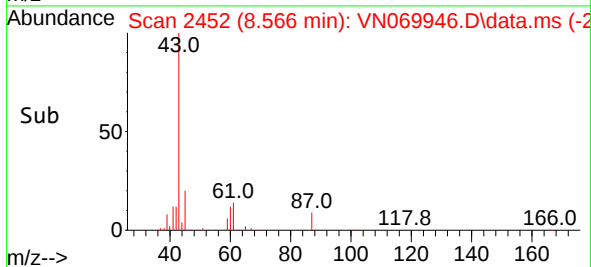
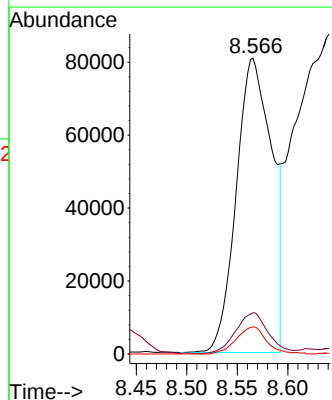
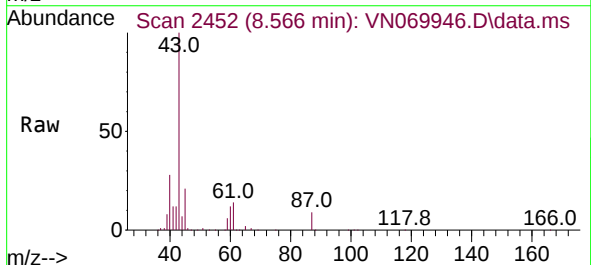
Instrument :
MSVOA_N
ClientSampleId :
P14-11

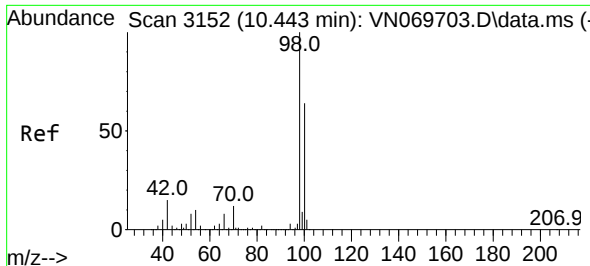
Tgt Ion: 113 Resp: 649764
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.2
192 18.8 16.9 25.3



#43
Isopropyl Acetate
Concen: 4.506 ug/l
RT: 8.566 min Scan# 2452
Delta R.T. 0.003 min
Lab File: VN069946.D
Acq: 10 Dec 2021 6:45

Tgt Ion: 43 Resp: 199319
Ion Ratio Lower Upper
43 100
61 12.9 20.4 30.6#
87 7.8 11.2 16.8#

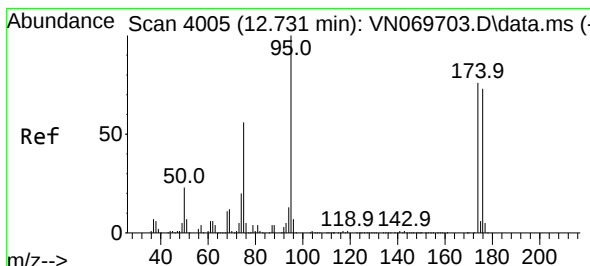
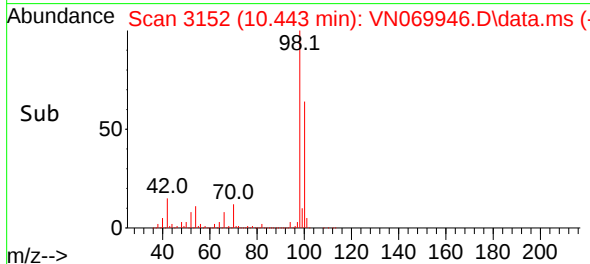
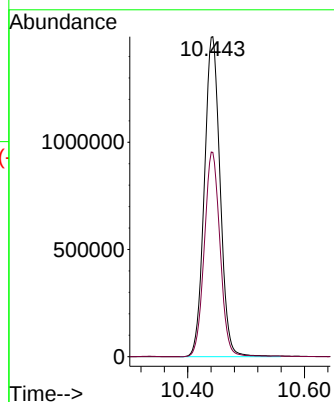
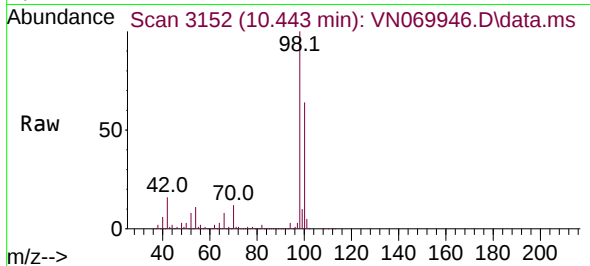




#50
Toluene-d8
Concen: 52.721 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069946.D
Acq: 10 Dec 2021 6:45

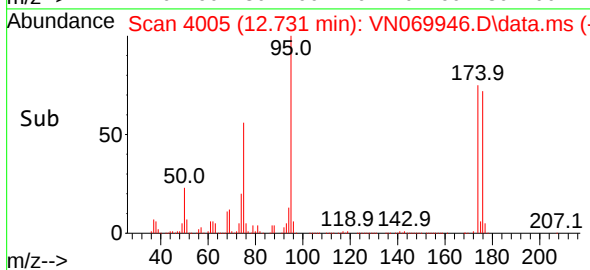
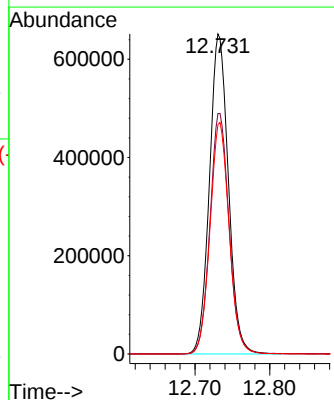
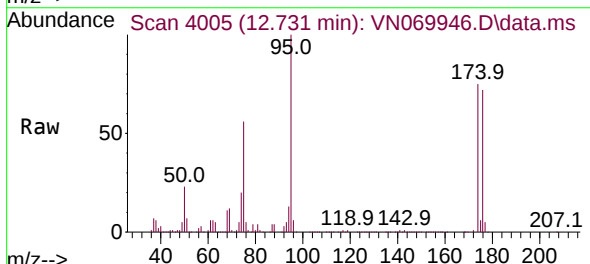
Instrument :
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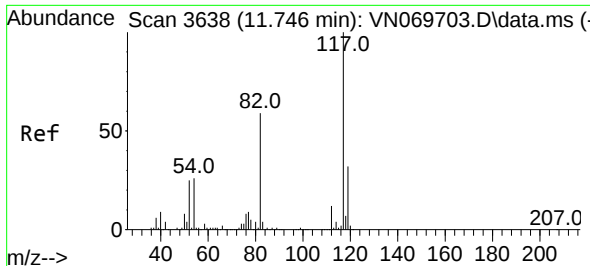
Tgt Ion: 98 Resp: 2797197
Ion Ratio Lower Upper
98 100
100 63.8 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 59.604 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069946.D
Acq: 10 Dec 2021 6:45

Tgt Ion: 95 Resp: 1145646
Ion Ratio Lower Upper
95 100
174 75.8 0.0 187.2
176 72.8 0.0 181.4

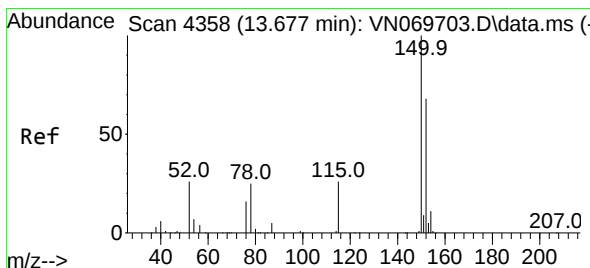
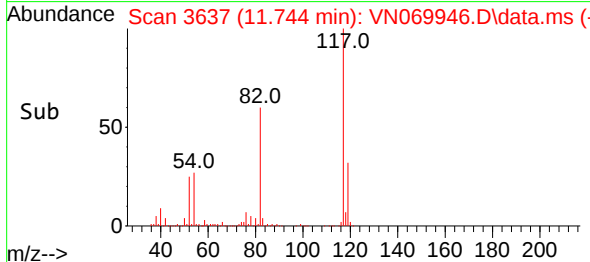
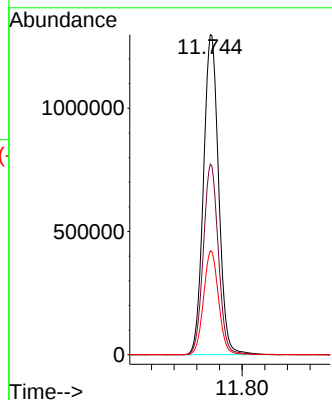
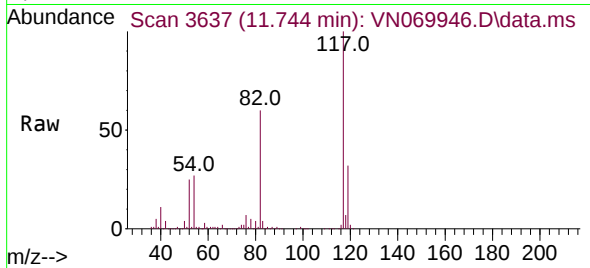




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN069946.D
Acq: 10 Dec 2021 6:45

Instrument :
MSVOA_N
ClientSampleId :
P14-11

Tgt Ion:117 Resp: 2412005
Ion Ratio Lower Upper
117 100
82 59.5 42.4 63.6
119 32.4 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN069946.D
Acq: 10 Dec 2021 6:45

Tgt Ion:152 Resp: 972688
Ion Ratio Lower Upper
152 100
115 60.5 27.5 82.5
150 158.2 0.0 344.4

