

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120821\
 Data File : VN069886.D
 Acq On : 9 Dec 2021 2:39
 Operator : JC/MD
 Sample : PB141231ZHE#11
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB141231ZHE#11

Quant Time: Dec 09 11:55:09 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)

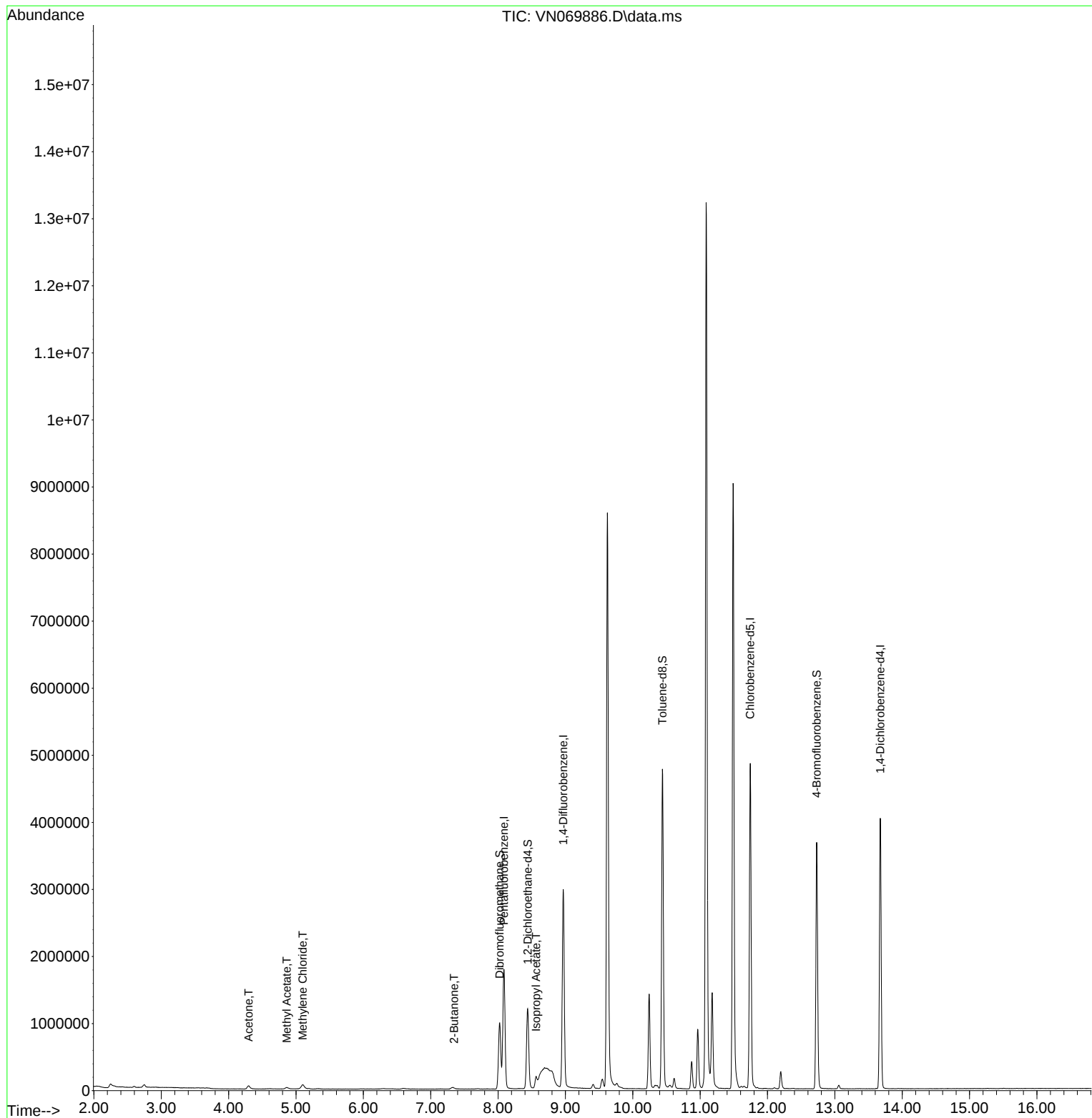
Internal Standards						
1) Pentafluorobenzene	8.086	168	1321835	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	2455715	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2674651	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1071568	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	1040365	50.975	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	101.960%
35) Dibromofluoromethane	8.021	113	726881	47.255	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.520%
50) Toluene-d8	10.441	98	3168572	51.301	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.600%
62) 4-Bromofluorobenzene	12.731	95	1276191	57.034	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	114.060%
Target Compounds						
						Qvalue
16) Acetone	4.296	43	89506	7.291	ug/l	95
18) Methyl Acetate	4.862	43	49493	1.336	ug/l	# 80
20) Methylene Chloride	5.098	84	43881	2.689	ug/l	# 84
25) 2-Butanone	7.348	43	16154	0.968	ug/l	# 85
43) Isopropyl Acetate	8.563	43	221373	4.299	ug/l	# 79

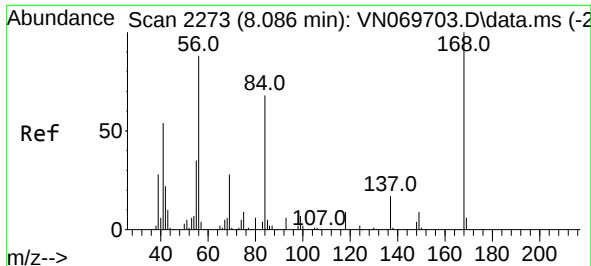
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120821\
Data File : VN069886.D
Acq On : 9 Dec 2021 2:39
Operator : JC/MD
Sample : PB141231ZHE#11
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB141231ZHE#11

Quant Time: Dec 09 11:55:09 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

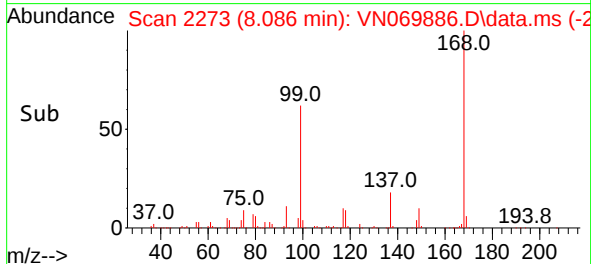
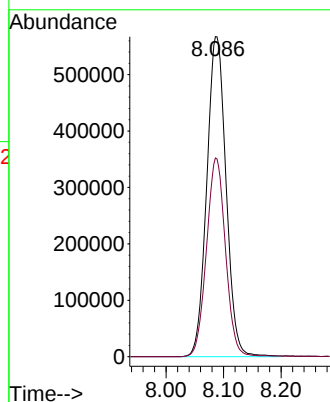
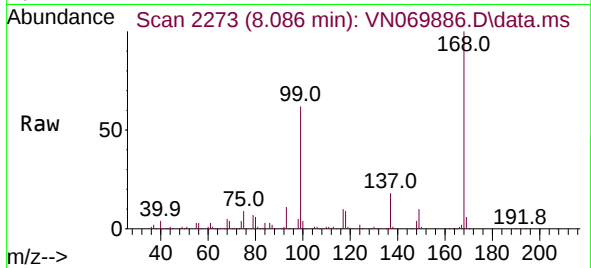




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069886.D
Acq: 9 Dec 2021 2:39

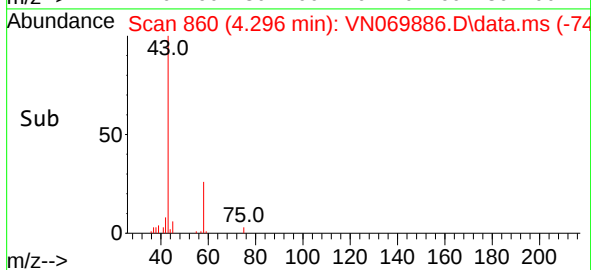
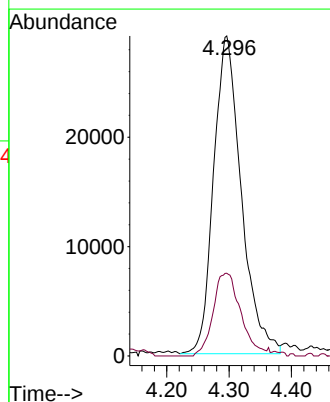
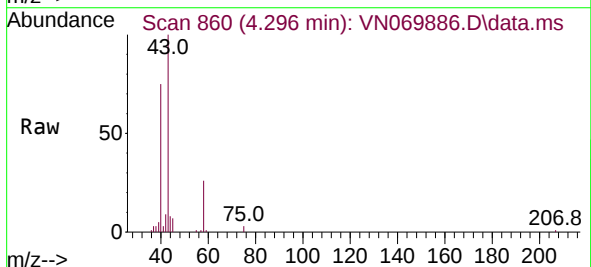
Instrument :
MSVOA_N
ClientSampleId :
PB141231ZHE#11

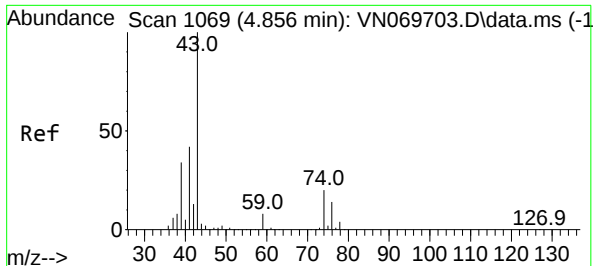
Tgt Ion:168 Resp: 1321835
Ion Ratio Lower Upper
168 100
99 62.1 41.3 61.9#



#16
Acetone
Concen: 7.291 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.006 min
Lab File: VN069886.D
Acq: 9 Dec 2021 2:39

Tgt Ion: 43 Resp: 89506
Ion Ratio Lower Upper
43 100
58 26.0 23.1 34.7





#18

Methyl Acetate

Concen: 1.336 ug/l

RT: 4.862 min Scan# 1107

Delta R.T. 0.006 min

Lab File: VN069886.D

Acq: 9 Dec 2021 2:39

Instrument :

MSVOA_N

ClientSampleId :

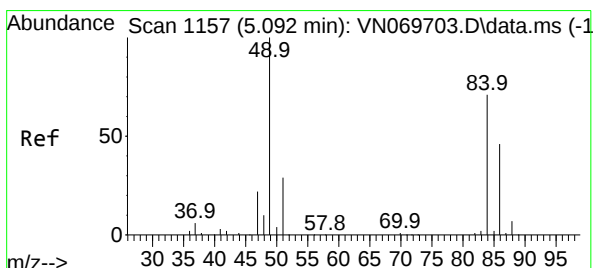
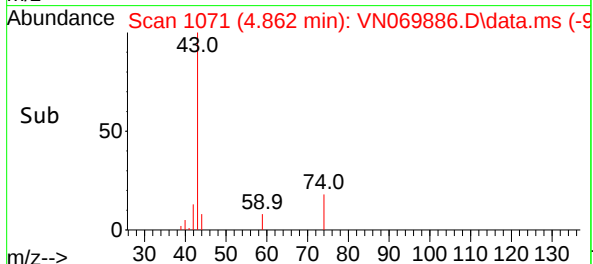
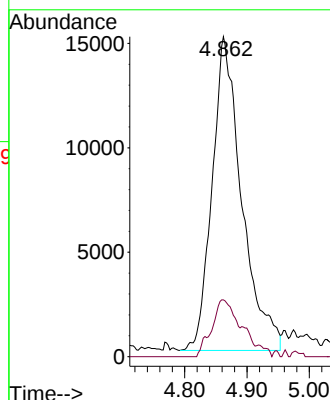
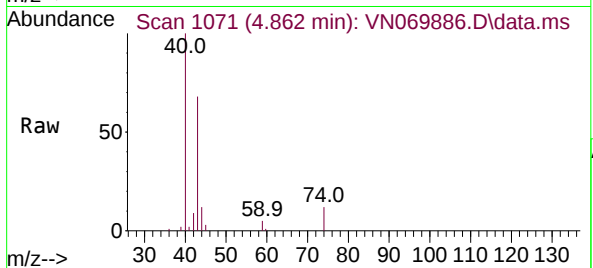
PB141231ZHE#11

Tgt Ion: 43 Resp: 49493

Ion Ratio Lower Upper

43 100

74 14.2 19.4 29.2#



#20

Methylene Chloride

Concen: 2.689 ug/l

RT: 5.098 min Scan# 1159

Delta R.T. 0.006 min

Lab File: VN069886.D

Acq: 9 Dec 2021 2:39

Tgt Ion: 84 Resp: 43881

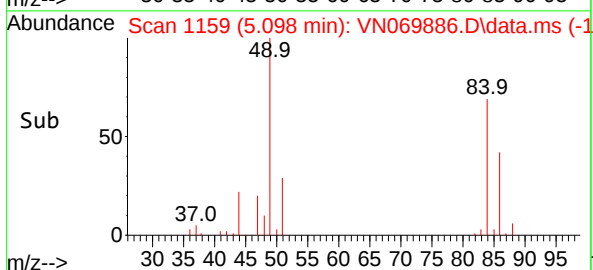
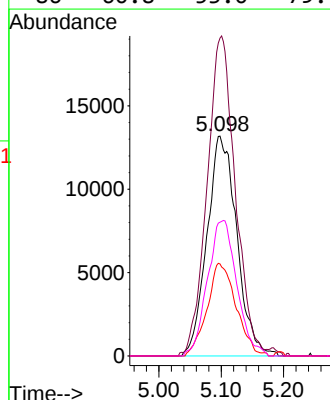
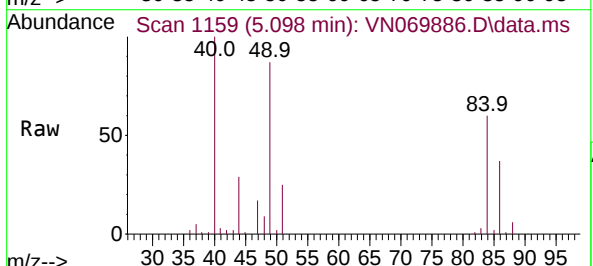
Ion Ratio Lower Upper

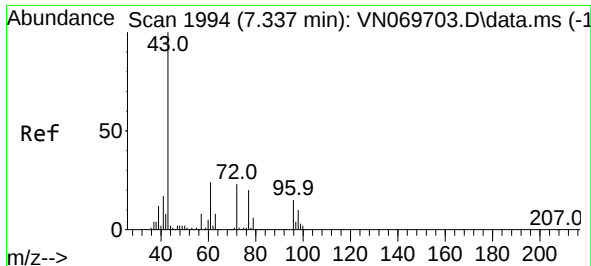
84 100

49 143.2 93.5 140.3#

51 41.9 29.4 44.2

86 60.8 53.0 79.4

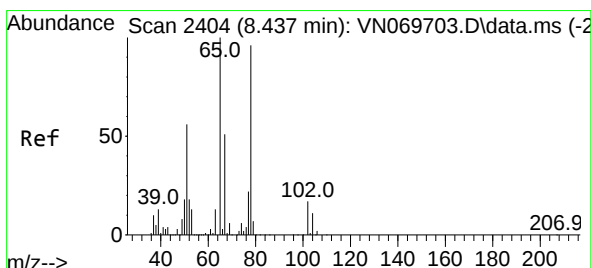
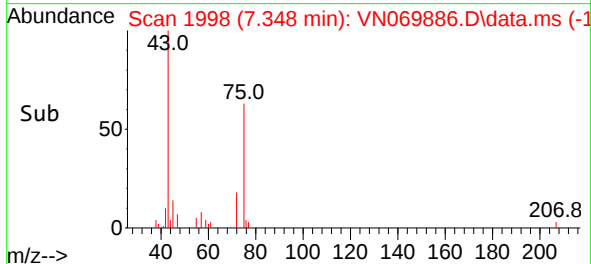
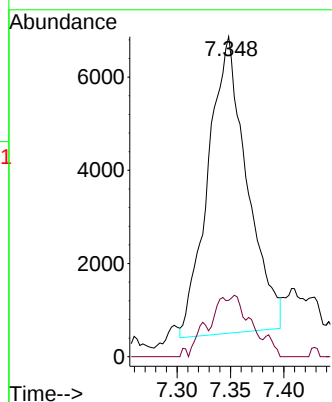
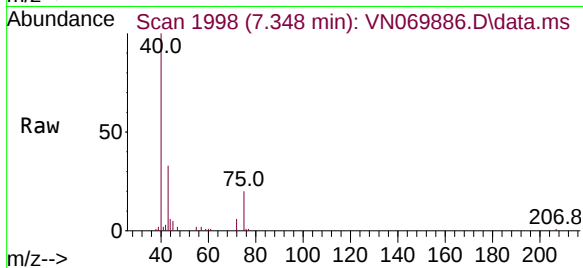




#25
2-Butanone
Concen: 0.968 ug/l
RT: 7.348 min Scan# 1994
Delta R.T. 0.011 min
Lab File: VN069886.D
Acq: 9 Dec 2021 2:39

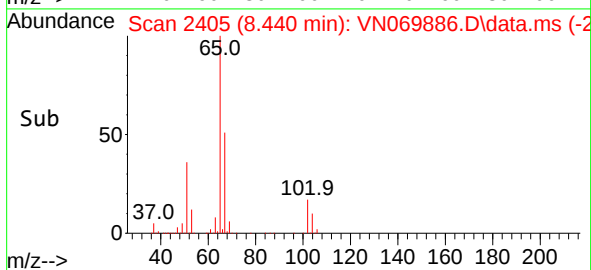
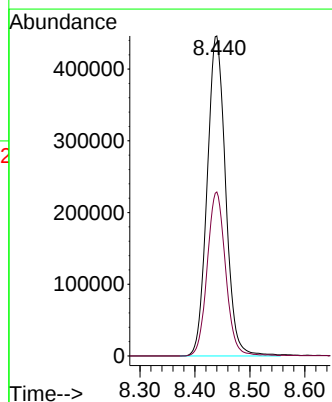
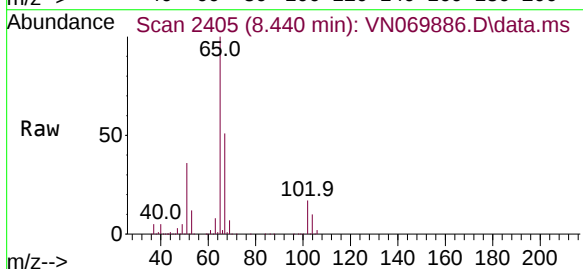
Instrument :
MSVOA_N
ClientSampleId :
PB141231ZHE#11

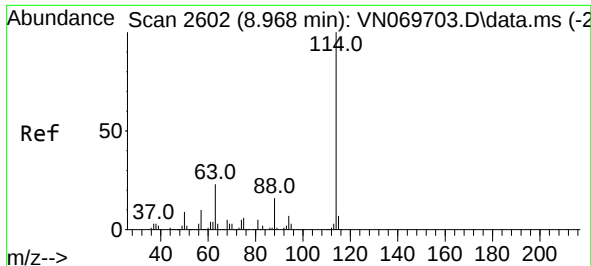
Tgt Ion: 43 Resp: 16154
Ion Ratio Lower Upper
43 100
72 19.3 21.7 32.5#



#33
1,2-Dichloroethane-d4
Concen: 50.975 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN069886.D
Acq: 9 Dec 2021 2:39

Tgt Ion: 65 Resp: 1040365
Ion Ratio Lower Upper
65 100
67 51.0 0.0 103.0

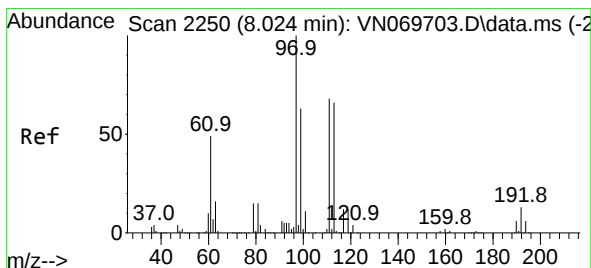
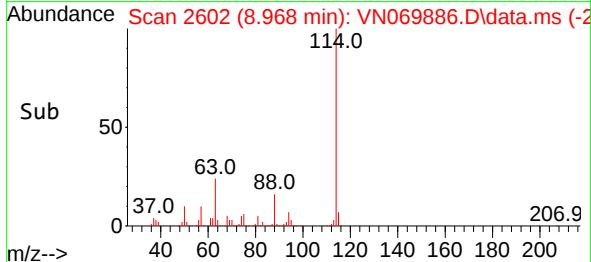
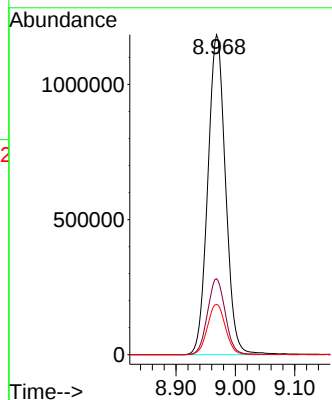
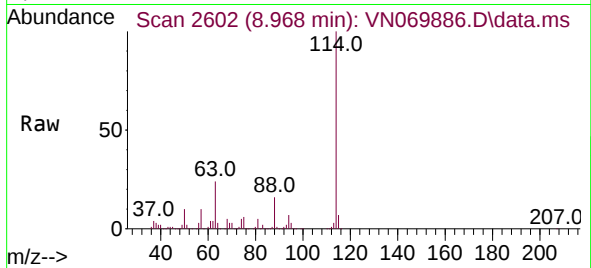




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VN069886.D
Acq: 9 Dec 2021 2:39

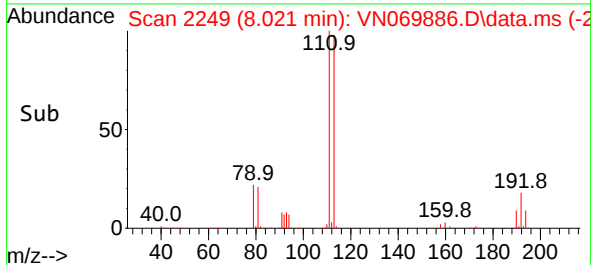
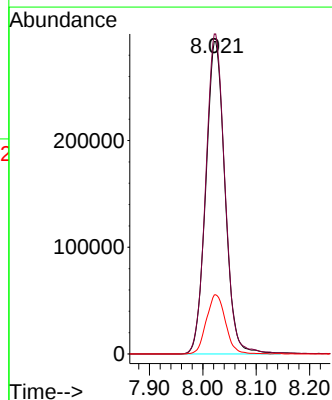
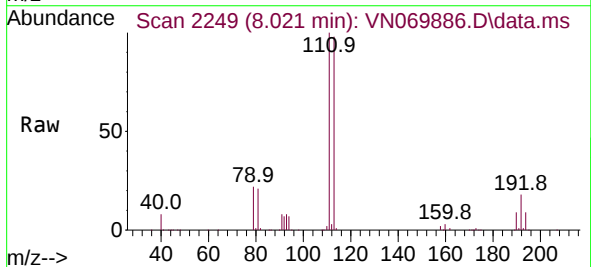
Instrument :
MSVOA_N
ClientSampleId :
PB141231ZHE#11

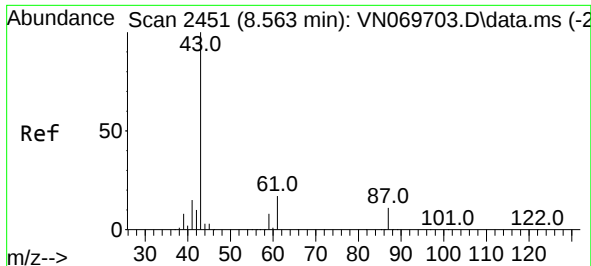
Tgt Ion:114 Resp: 2455715
Ion Ratio Lower Upper
114 100
63 23.8 0.0 37.8
88 15.7 0.0 27.4



#35
Dibromofluoromethane
Concen: 47.255 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. -0.002 min
Lab File: VN069886.D
Acq: 9 Dec 2021 2:39

Tgt Ion:113 Resp: 726881
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.2
192 19.0 16.9 25.3

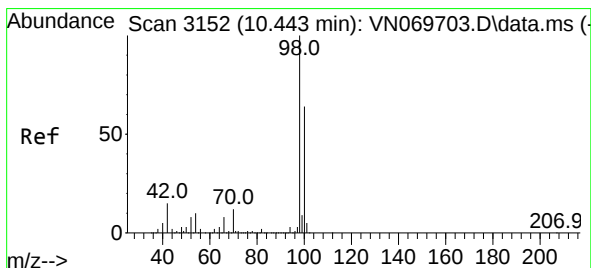
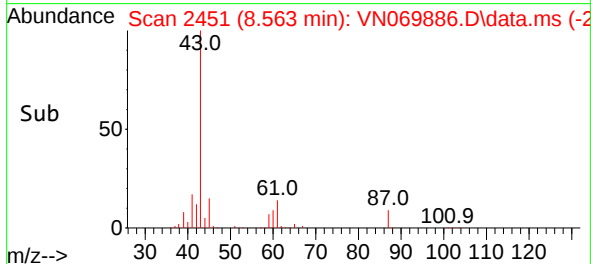
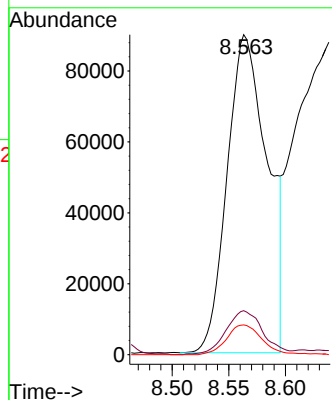
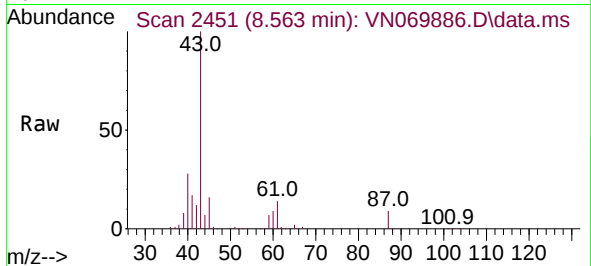




#43
Isopropyl Acetate
Concen: 4.299 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.000 min
Lab File: VN069886.D
Acq: 9 Dec 2021 2:39

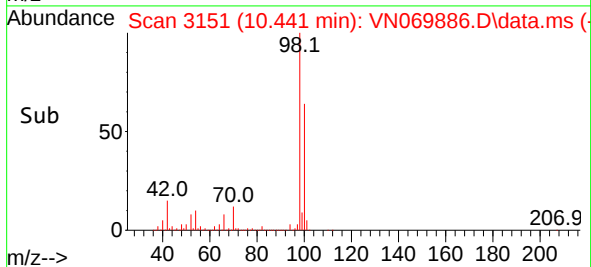
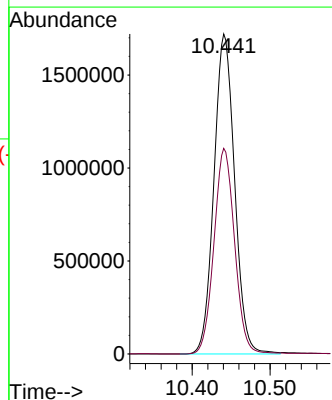
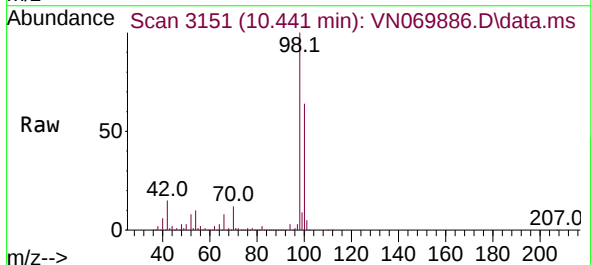
Instrument :
MSVOA_N
ClientSampleId :
PB141231ZHE#11

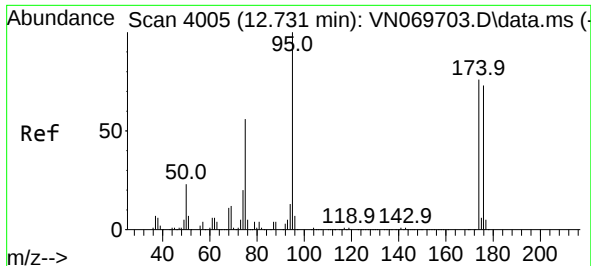
Tgt Ion: 43 Resp: 221373
Ion Ratio Lower Upper
43 100
61 12.8 20.4 30.6#
87 8.3 11.2 16.8#



#50
Toluene-d8
Concen: 51.301 ug/l
RT: 10.441 min Scan# 3151
Delta R.T. -0.002 min
Lab File: VN069886.D
Acq: 9 Dec 2021 2:39

Tgt Ion: 98 Resp: 3168572
Ion Ratio Lower Upper
98 100
100 64.2 50.4 75.6

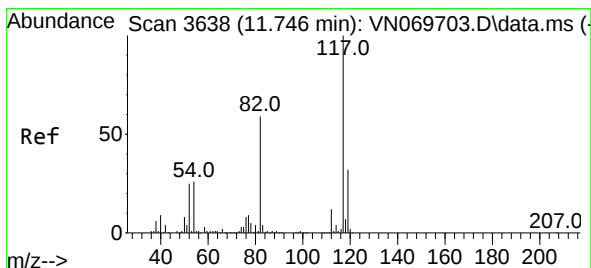
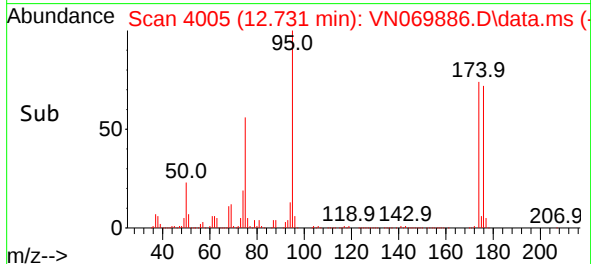
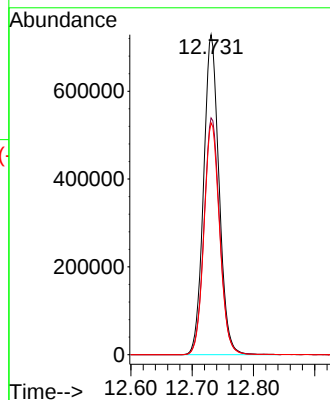
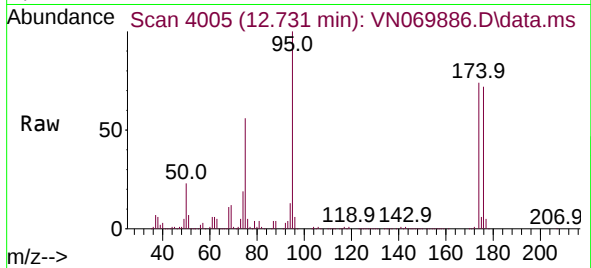




#62
4-Bromofluorobenzene
Concen: 57.034 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069886.D
Acq: 9 Dec 2021 2:39

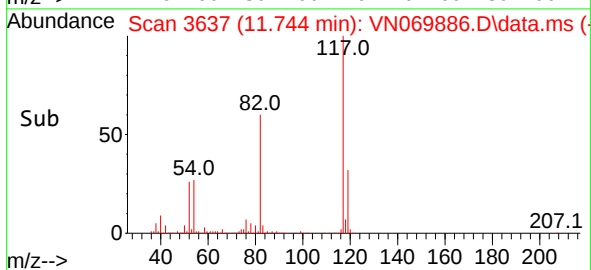
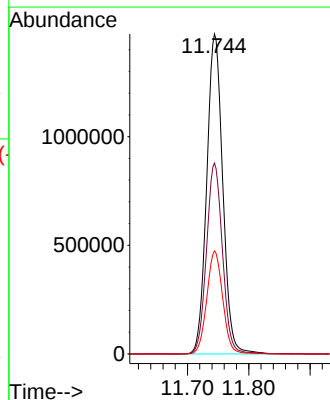
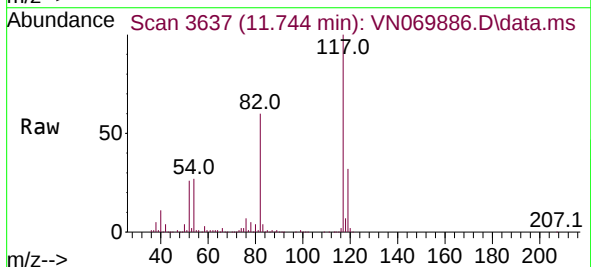
Instrument :
MSVOA_N
ClientSampleId :
PB141231ZHE#11

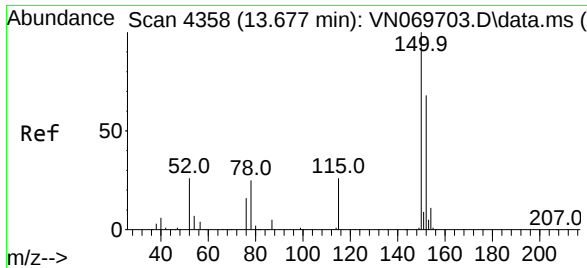
Tgt Ion: 95 Resp: 1276191
Ion Ratio Lower Upper
95 100
174 75.5 0.0 187.2
176 73.2 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN069886.D
Acq: 9 Dec 2021 2:39

Tgt Ion: 117 Resp: 2674651
Ion Ratio Lower Upper
117 100
82 59.6 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. -0.002 min

Lab File: VN069886.D

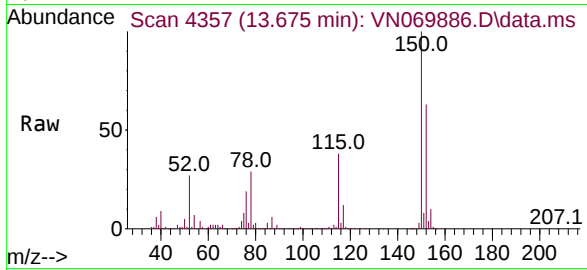
Acq: 9 Dec 2021 2:39

Instrument :

MSVOA_N

ClientSampleId :

PB141231ZHE#11



Tgt Ion:152 Resp: 1071568

Ion Ratio Lower Upper

152 100

115 60.7 27.5 82.5

150 157.6 0.0 344.4

