

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120821\
 Data File : VN069871.D
 Acq On : 8 Dec 2021 19:27
 Operator : JC/MD
 Sample : PB141231ZHE#02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB141231ZHE#02

Quant Time: Dec 09 11:45:42 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)

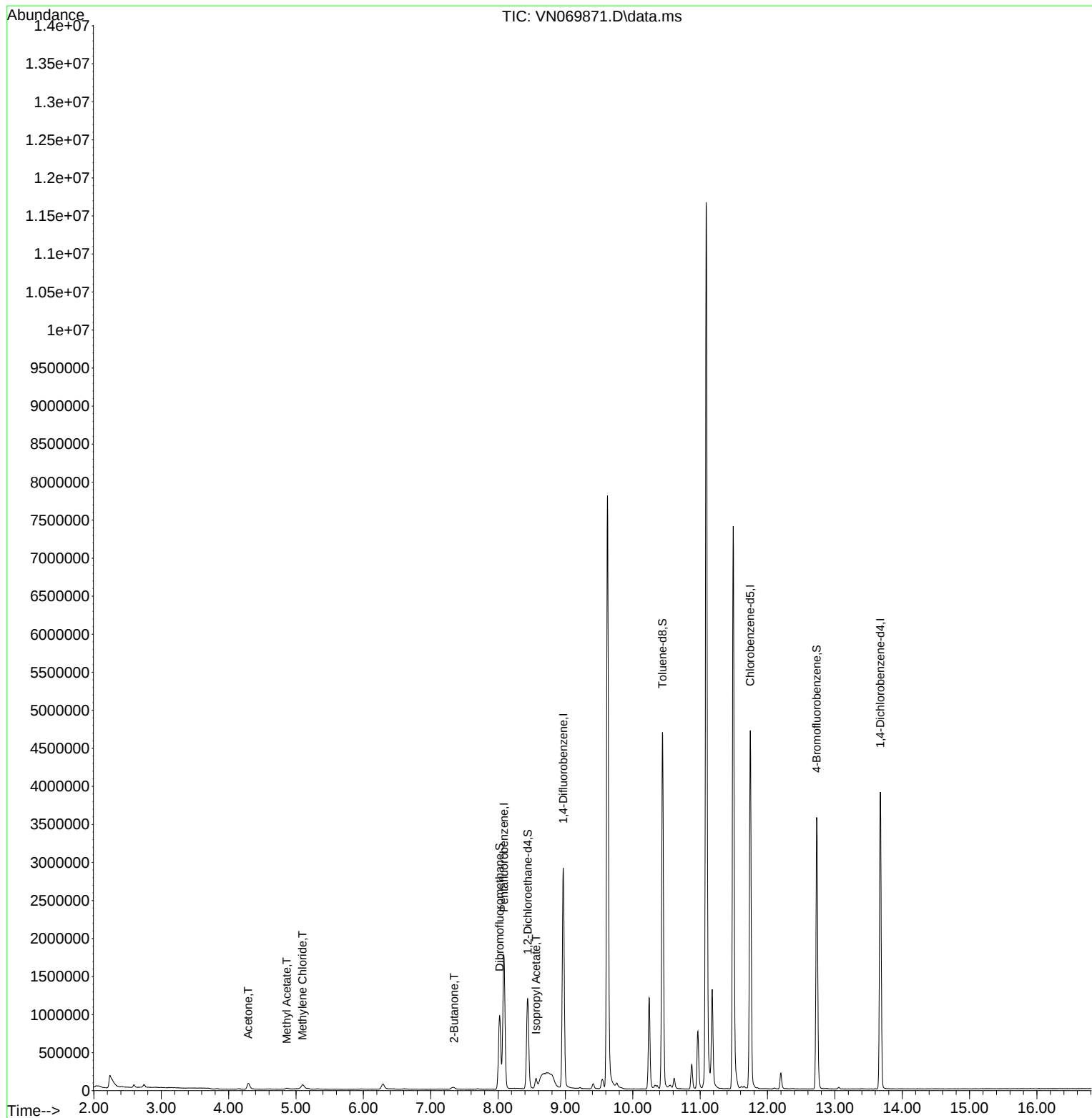
Internal Standards						
1) Pentafluorobenzene	8.088	168	1308588	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2404541	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2627635	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1043061	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	1033648	51.159	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	= 102.320%		
35) Dibromofluoromethane	8.024	113	710814	47.194	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	= 94.380%		
50) Toluene-d8	10.440	98	3146228	52.024	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	= 104.040%		
62) 4-Bromofluorobenzene	12.731	95	1235099	56.373	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	= 112.740%		
Target Compounds						Qvalue
16) Acetone	4.291	43	152860	12.577	ug/l	95
18) Methyl Acetate	4.862	43	25818	0.704	ug/l #	71
20) Methylene Chloride	5.095	84	37482	2.320	ug/l	86
25) 2-Butanone	7.348	43	25840	1.565	ug/l	92
43) Isopropyl Acetate	8.563	43	163427	3.241	ug/l #	82

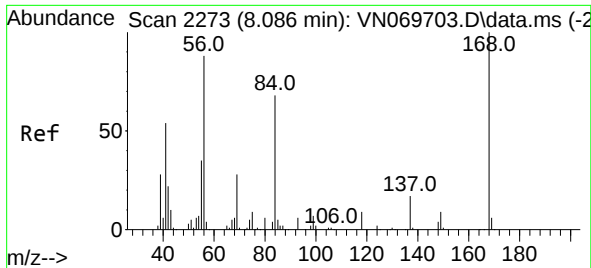
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 03 08:46:47 2021
Response via : Initial Calibration

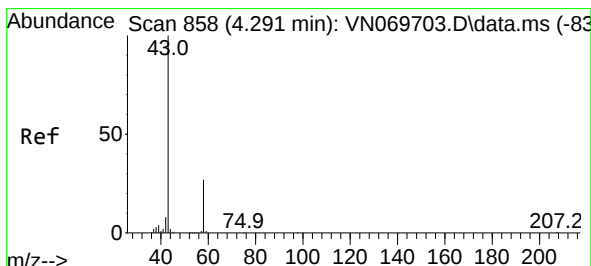
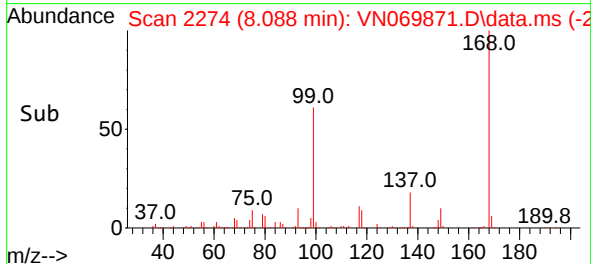
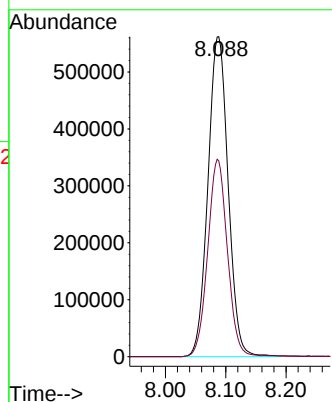
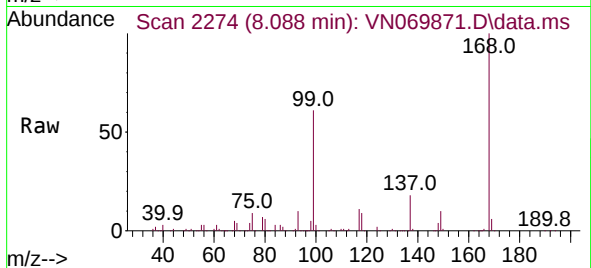




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069871.D
Acq: 8 Dec 2021 19:27

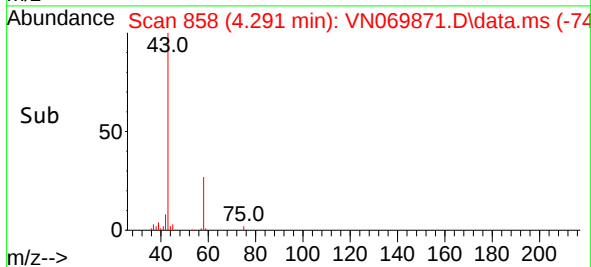
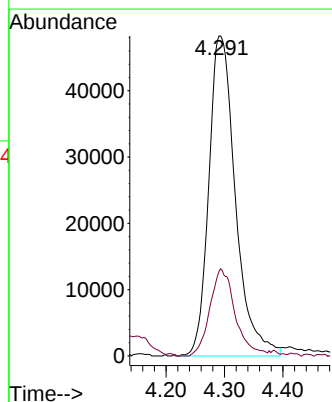
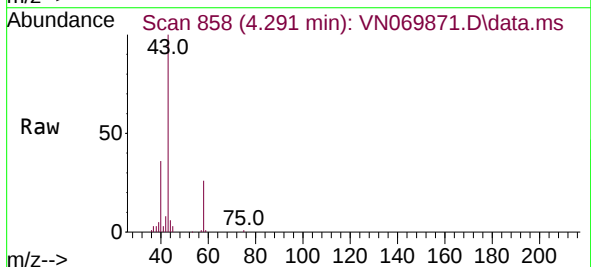
Instrument :
MSVOA_N
ClientSampleId :
PB141231ZHE#02

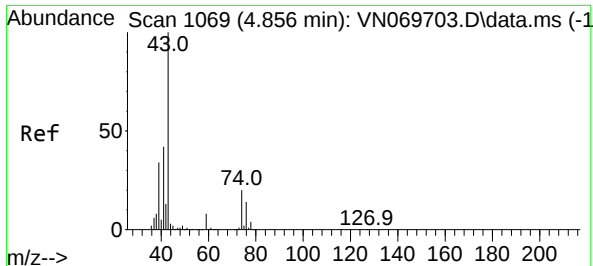
Tgt Ion:168 Resp: 1308588
Ion Ratio Lower Upper
168 100
99 61.2 41.3 61.9



#16
Acetone
Concen: 12.577 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.000 min
Lab File: VN069871.D
Acq: 8 Dec 2021 19:27

Tgt Ion: 43 Resp: 152860
Ion Ratio Lower Upper
43 100
58 26.5 23.1 34.7





#18

Methyl Acetate

Concen: 0.704 ug/l

RT: 4.862 min Scan# 1

Delta R.T. 0.005 min

Lab File: VN069871.D

Acq: 8 Dec 2021 19:27

Instrument :

MSVOA_N

ClientSampleId :

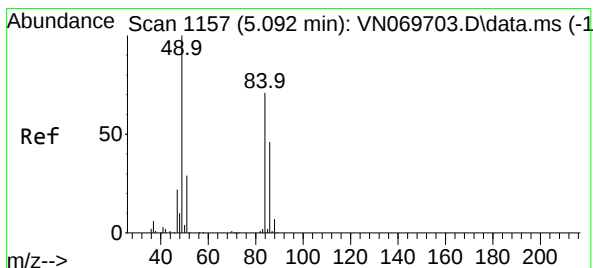
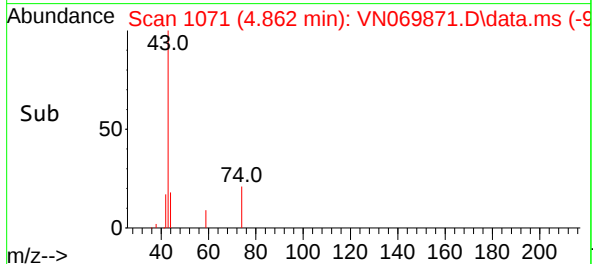
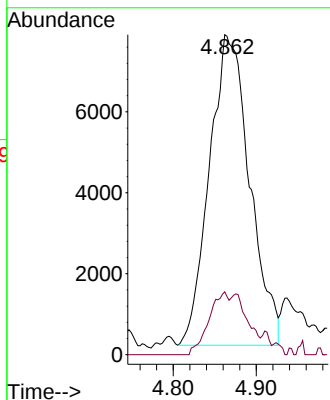
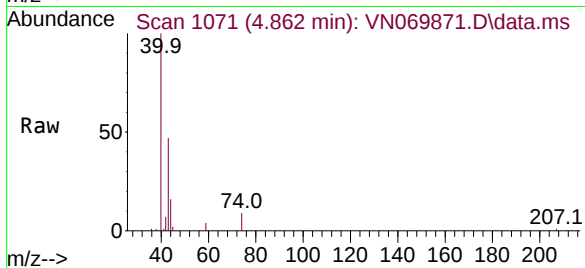
PB141231ZHE#02

Tgt Ion: 43 Resp: 25818

Ion Ratio Lower Upper

43 100

74 10.0 19.4 29.2#



#20

Methylene Chloride

Concen: 2.320 ug/l

RT: 5.095 min Scan# 1158

Delta R.T. 0.003 min

Lab File: VN069871.D

Acq: 8 Dec 2021 19:27

Tgt Ion: 84 Resp: 37482

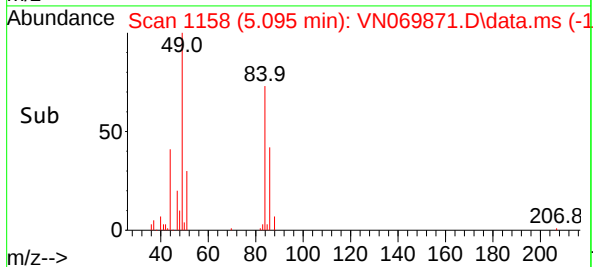
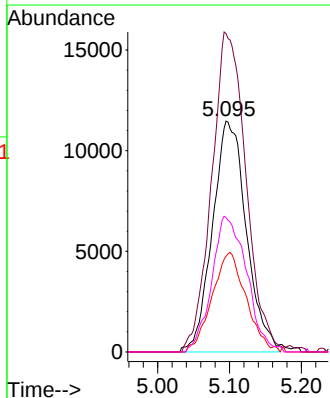
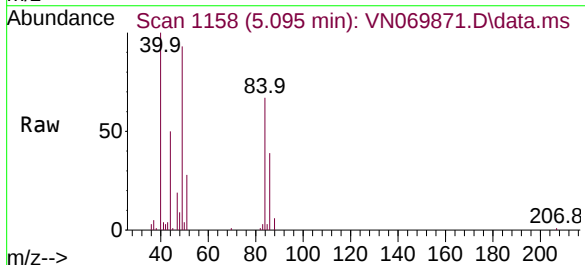
Ion Ratio Lower Upper

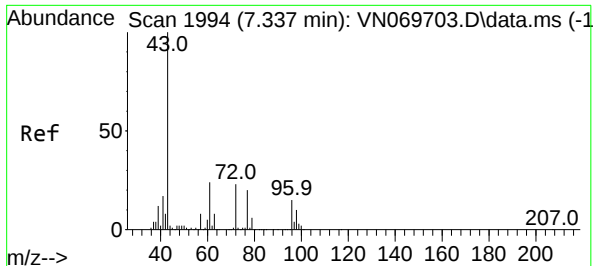
84 100

49 137.8 93.5 140.3

51 41.4 29.4 44.2

86 58.2 53.0 79.4





#25

2-Butanone

Concen: 1.565 ug/l

RT: 7.348 min Scan# 1994

Delta R.T. 0.011 min

Lab File: VN069871.D

Acq: 8 Dec 2021 19:27

Instrument :

MSVOA_N

ClientSampleId :

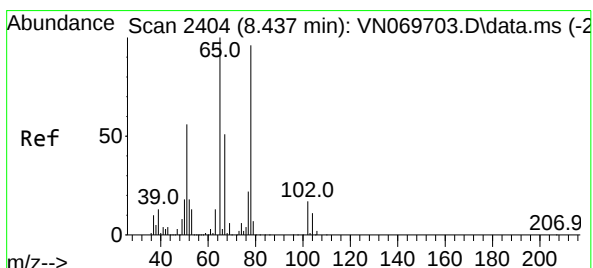
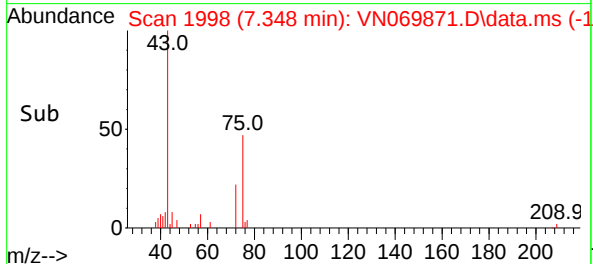
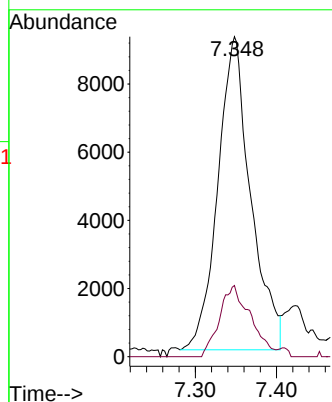
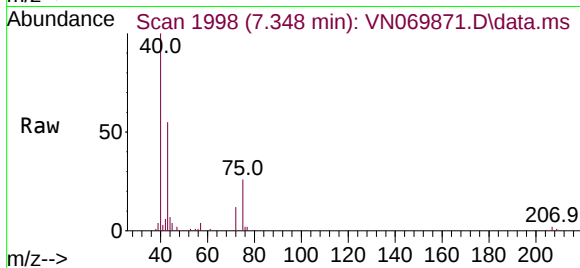
PB141231ZHE#02

Tgt Ion: 43 Resp: 25840

Ion Ratio Lower Upper

43 100

72 22.7 21.7 32.5



#33

1,2-Dichloroethane-d4

Concen: 51.159 ug/l

RT: 8.440 min Scan# 2405

Delta R.T. 0.003 min

Lab File: VN069871.D

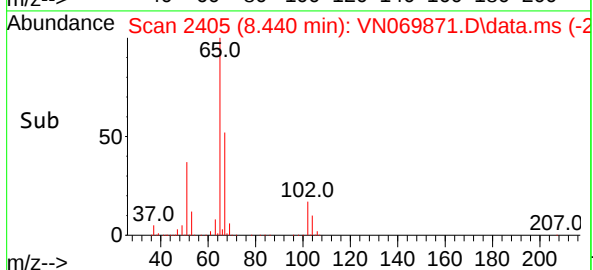
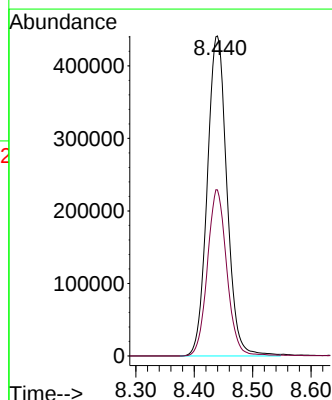
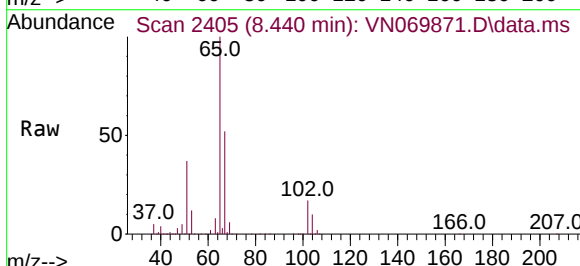
Acq: 8 Dec 2021 19:27

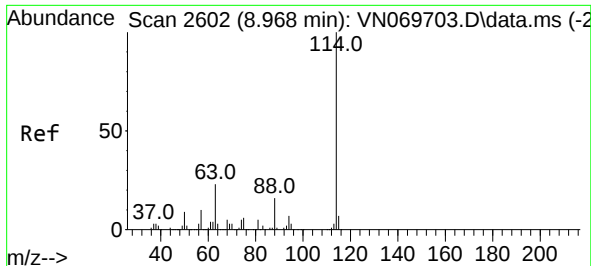
Tgt Ion: 65 Resp: 1033648

Ion Ratio Lower Upper

65 100

67 51.1 0.0 103.0

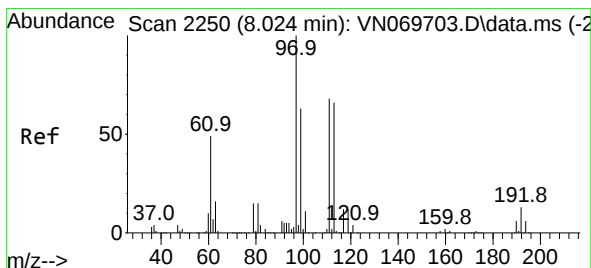
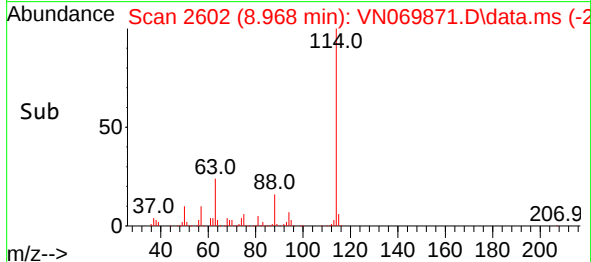
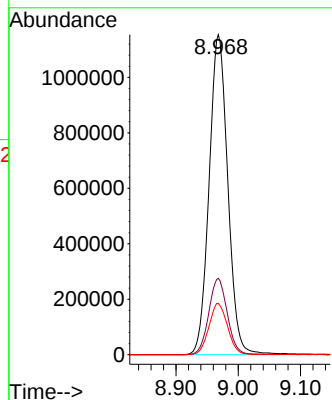
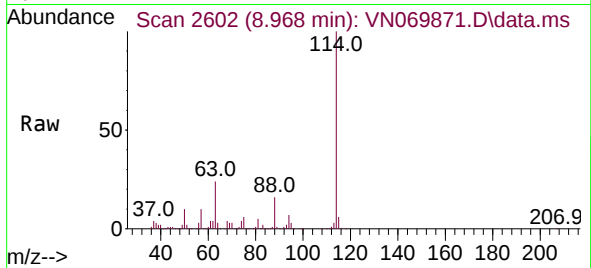




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN069871.D
Acq: 8 Dec 2021 19:27

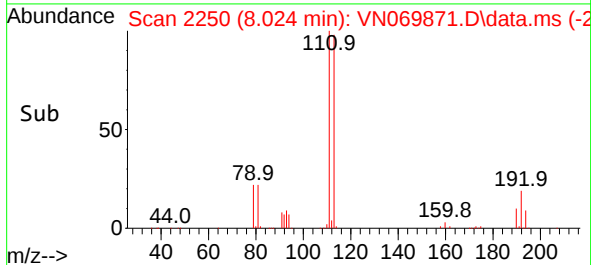
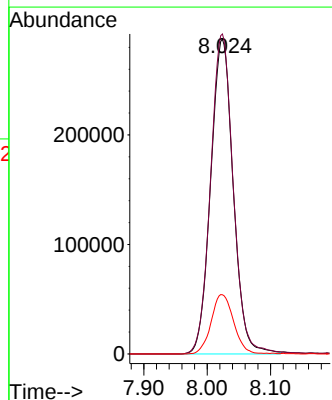
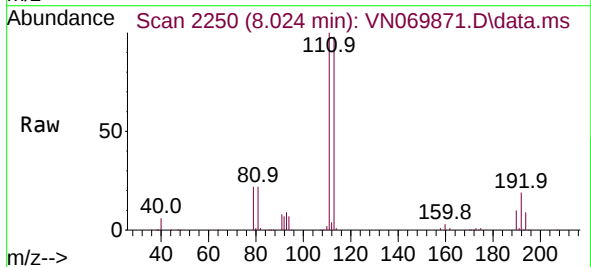
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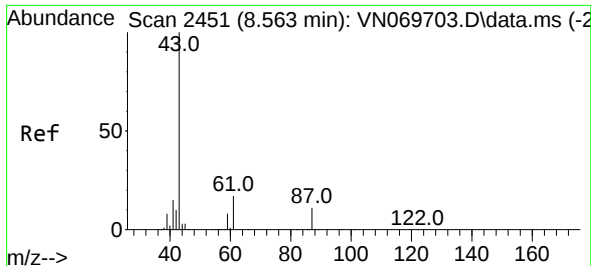
Tgt Ion:114 Resp: 2404541
Ion Ratio Lower Upper
114 100
63 23.9 0.0 37.8
88 16.0 0.0 27.4



#35
Dibromofluoromethane
Concen: 47.194 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN069871.D
Acq: 8 Dec 2021 19:27

Tgt Ion:113 Resp: 710814
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.2
192 18.9 16.9 25.3

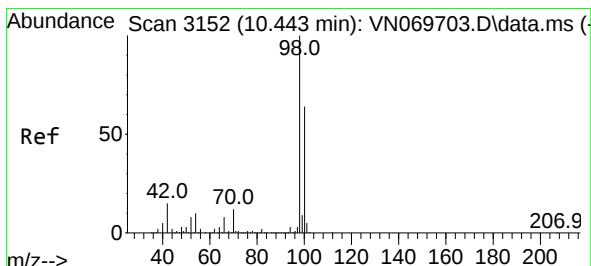
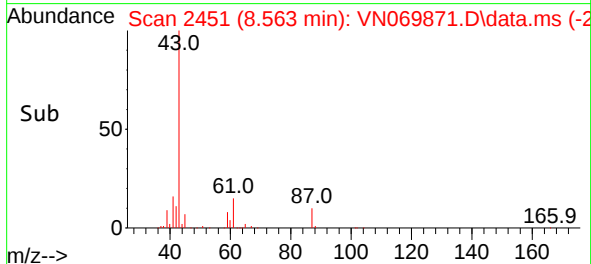
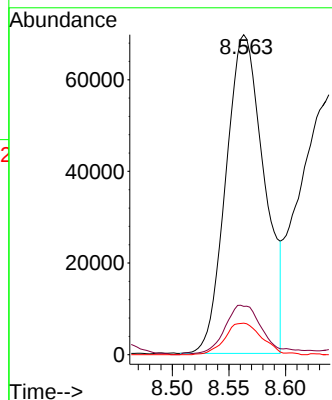
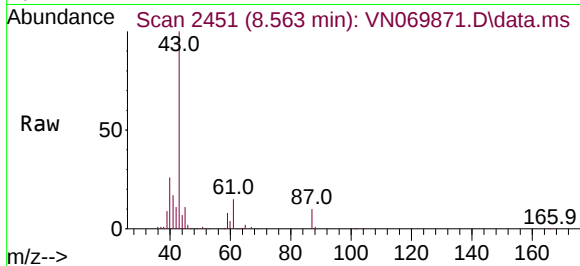




#43
Isopropyl Acetate
Concen: 3.241 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.000 min
Lab File: VN069871.D
Acq: 8 Dec 2021 19:27

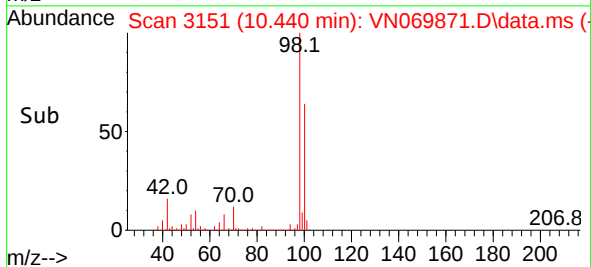
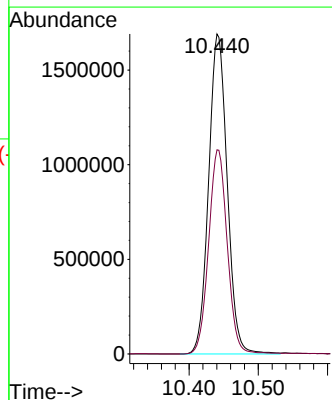
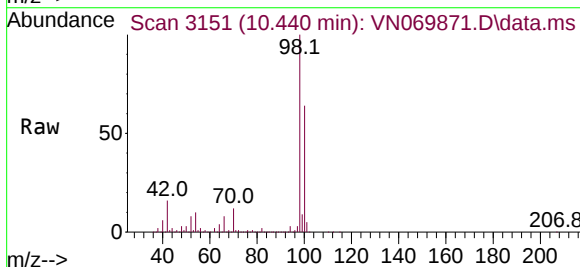
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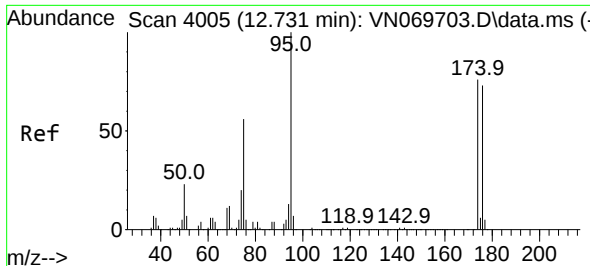
Tgt Ion: 43 Resp: 163427
Ion Ratio Lower Upper
43 100
61 14.6 20.4 30.6#
87 9.5 11.2 16.8#



#50
Toluene-d8
Concen: 52.024 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN069871.D
Acq: 8 Dec 2021 19:27

Tgt Ion: 98 Resp: 3146228
Ion Ratio Lower Upper
98 100
100 64.0 50.4 75.6

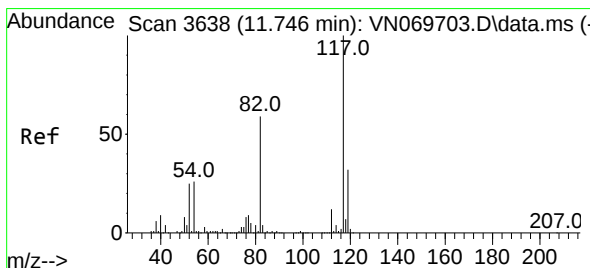
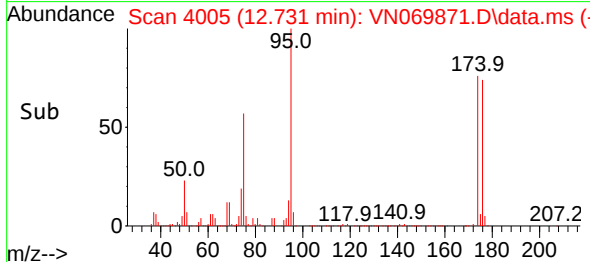
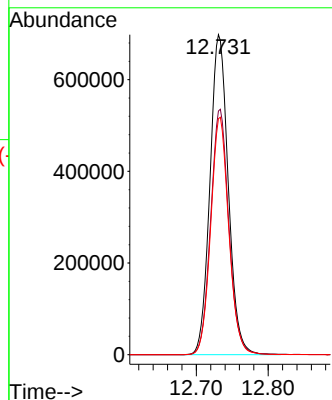
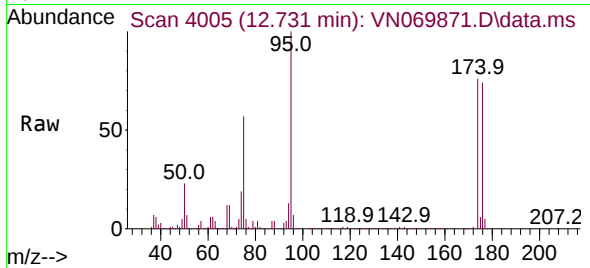




#62
4-Bromofluorobenzene
Concen: 56.373 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069871.D
Acq: 8 Dec 2021 19:27

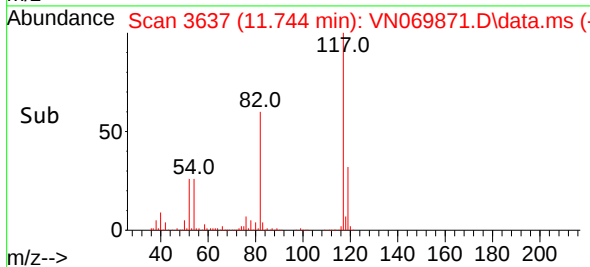
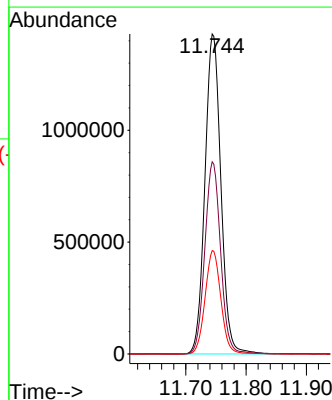
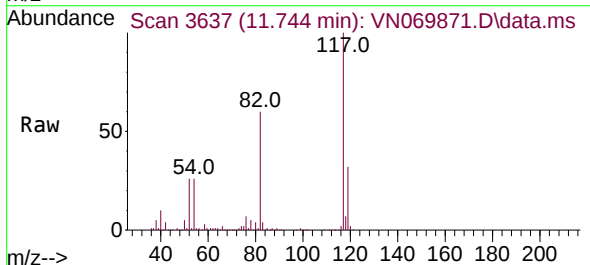
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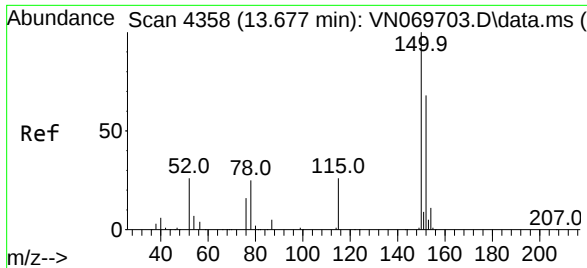
Tgt Ion: 95 Resp: 1235099
Ion Ratio Lower Upper
95 100
174 76.4 0.0 187.2
176 73.3 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN069871.D
Acq: 8 Dec 2021 19:27

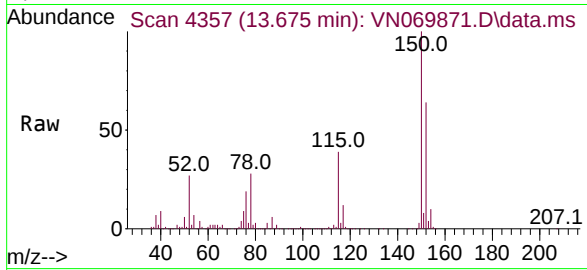
Tgt Ion: 117 Resp: 2627635
Ion Ratio Lower Upper
117 100
82 60.0 42.4 63.6
119 32.3 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.675 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VN069871.D
 Acq: 8 Dec 2021 19:27

Instrument :
 MSVOA_N
 ClientSampleId :
 PB141231ZHE#02



Tgt Ion:152 Resp: 1043061

Ion	Ratio	Lower	Upper
152	100		
115	60.6	27.5	82.5
150	156.4	0.0	344.4

