

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120821\
 Data File : VN069870.D
 Acq On : 8 Dec 2021 19:02
 Operator : JC/MD
 Sample : PB141231ZHE#01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB141231ZHE#01

Quant Time: Dec 09 11:45:04 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)

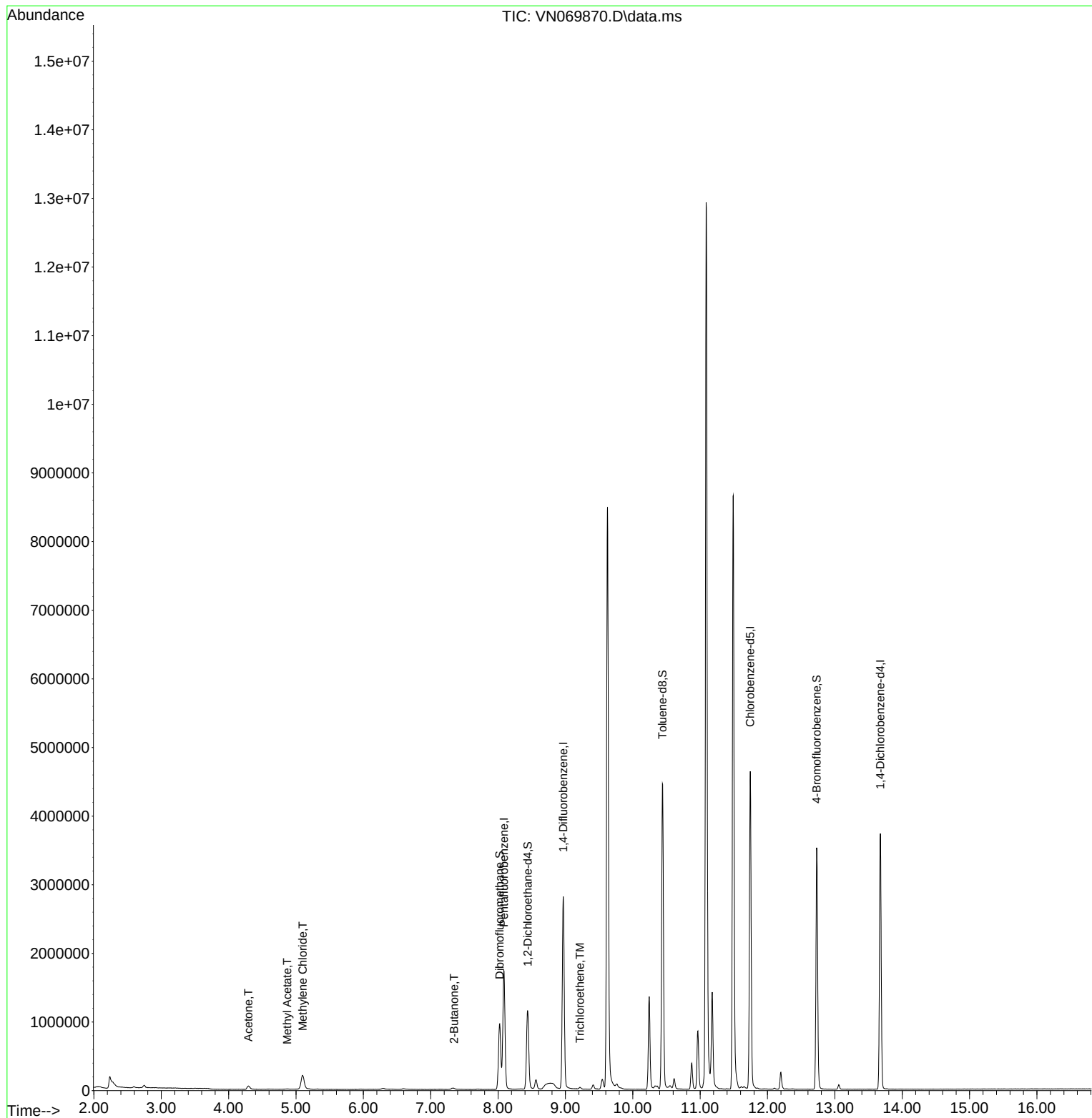
Internal Standards						
1) Pentafluorobenzene	8.088	168	1257837	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2316230	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2555939	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	990238	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	1007934	51.899	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	103.800%
35) Dibromofluoromethane	8.024	113	697111	48.049	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.100%
50) Toluene-d8	10.441	98	3057629	52.486	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.980%
62) 4-Bromofluorobenzene	12.731	95	1212226	57.438	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	114.880%
Target Compounds						
					Qvalue	
16) Acetone	4.293	43	94250	8.068	ug/l	99
18) Methyl Acetate	4.870	43	12797	0.363	ug/l #	68
20) Methylene Chloride	5.098	84	149073	9.599	ug/l #	84
25) 2-Butanone	7.346	43	17715	1.116	ug/l #	89
44) Trichloroethene	9.215	130	8435	0.524	ug/l	89

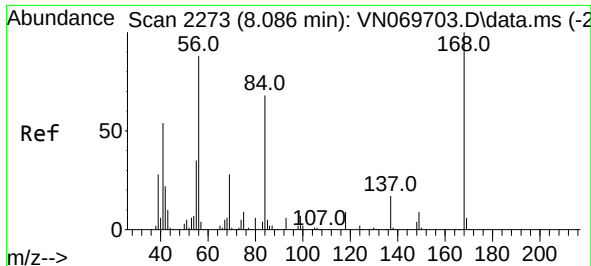
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

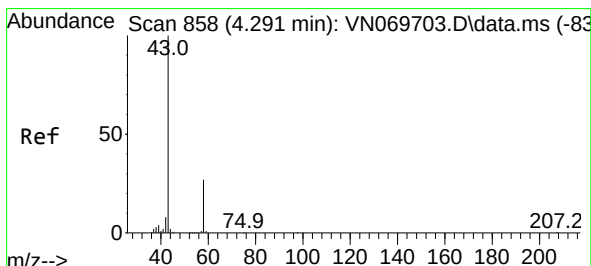
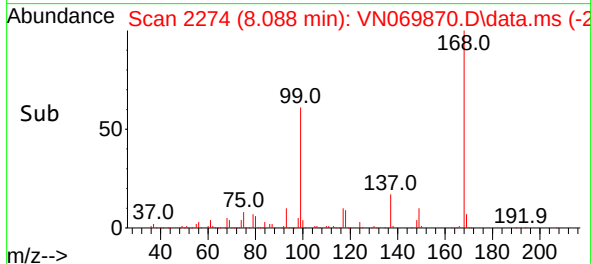
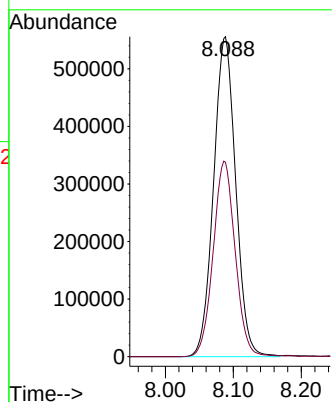
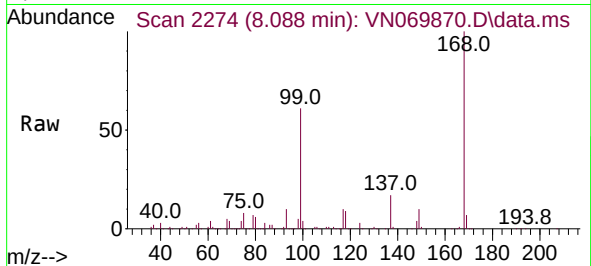




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069870.D
Acq: 8 Dec 2021 19:02

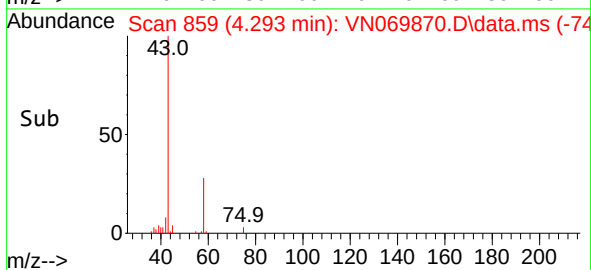
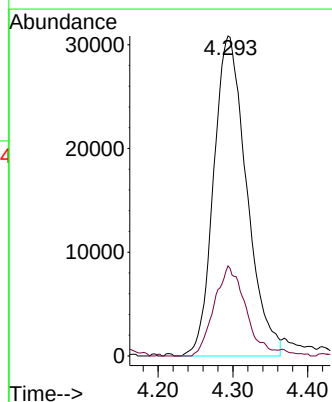
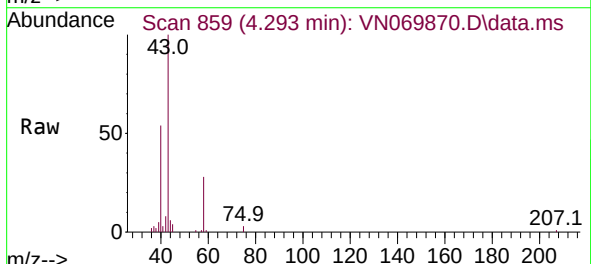
Instrument :
MSVOA_N
ClientSampleId :
PB141231ZHE#01

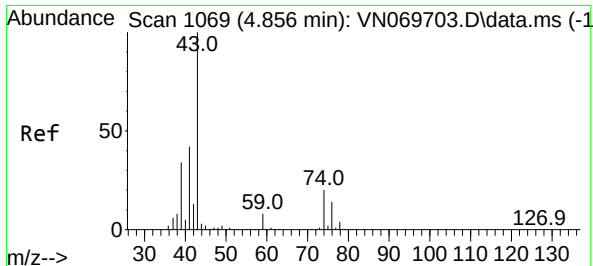
Tgt Ion:168 Resp: 1257837
Ion Ratio Lower Upper
168 100
99 60.7 41.3 61.9



#16
Acetone
Concen: 8.068 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.003 min
Lab File: VN069870.D
Acq: 8 Dec 2021 19:02

Tgt Ion: 43 Resp: 94250
Ion Ratio Lower Upper
43 100
58 28.1 23.1 34.7

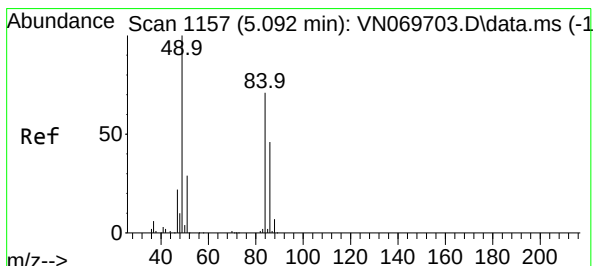
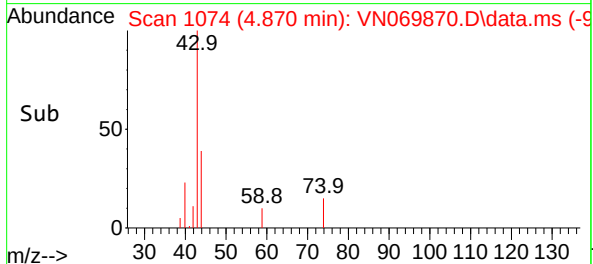
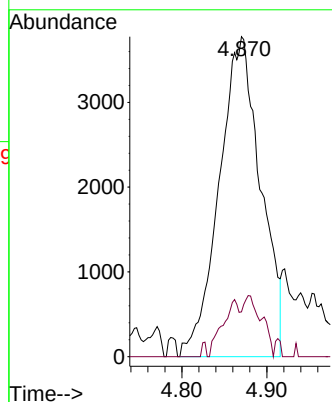
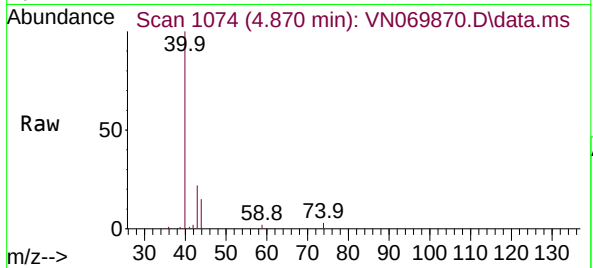




#18
Methyl Acetate
Concen: 0.363 ug/l
RT: 4.870 min Scan# 1069
Delta R.T. 0.014 min
Lab File: VN069870.D
Acq: 8 Dec 2021 19:02

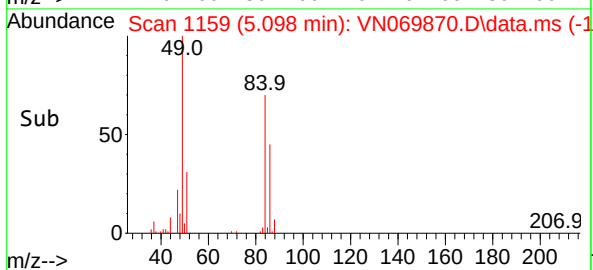
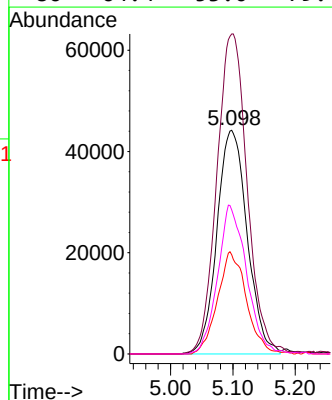
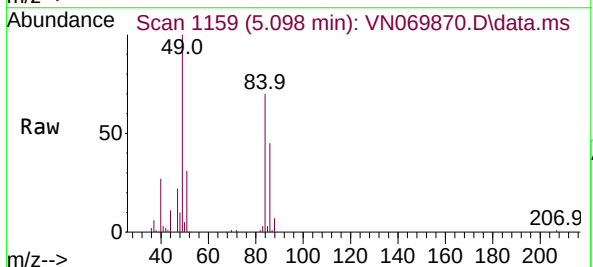
Instrument :
MSVOA_N
ClientSampleId :
PB141231ZHE#01

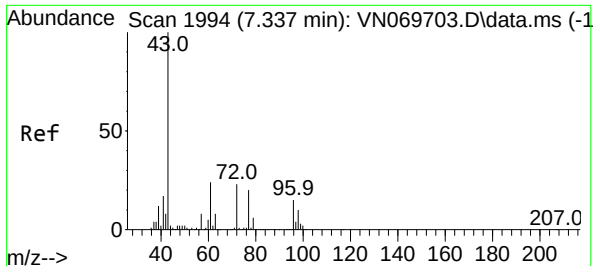
Tgt Ion: 43 Resp: 12797
Ion Ratio Lower Upper
43 100
74 8.3 19.4 29.2#



#20
Methylene Chloride
Concen: 9.599 ug/l
RT: 5.098 min Scan# 1159
Delta R.T. 0.006 min
Lab File: VN069870.D
Acq: 8 Dec 2021 19:02

Tgt Ion: 84 Resp: 149073
Ion Ratio Lower Upper
84 100
49 143.1 93.5 140.3#
51 44.3 29.4 44.2#
86 64.4 53.0 79.4





#25

2-Butanone

Concen: 1.116 ug/l

RT: 7.346 min Scan# 1994

Delta R.T. 0.008 min

Lab File: VN069870.D

Acq: 8 Dec 2021 19:02

Instrument :

MSVOA_N

ClientSampleId :

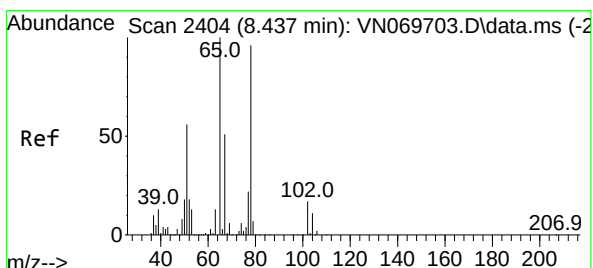
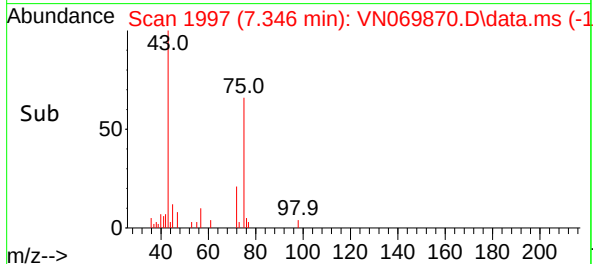
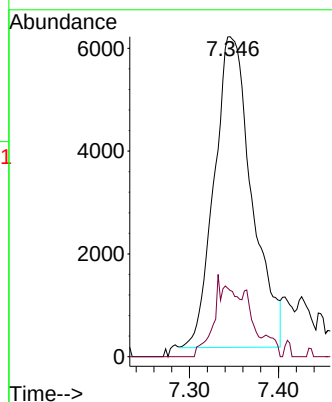
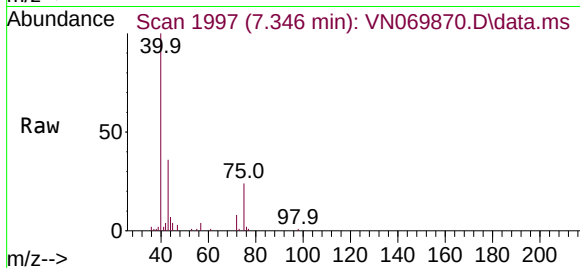
PB141231ZHE#01

Tgt Ion: 43 Resp: 17715

Ion Ratio Lower Upper

43 100

72 21.3 21.7 32.5#



#33

1,2-Dichloroethane-d4

Concen: 51.899 ug/l

RT: 8.440 min Scan# 2405

Delta R.T. 0.003 min

Lab File: VN069870.D

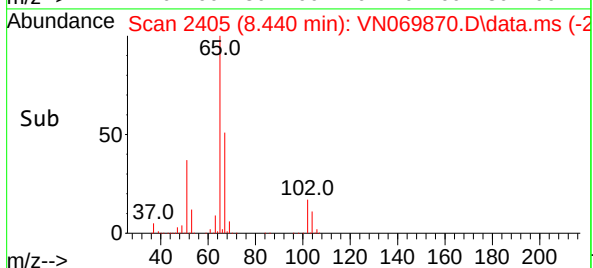
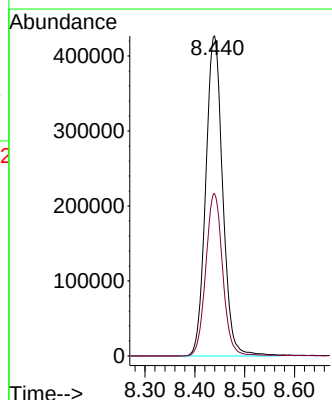
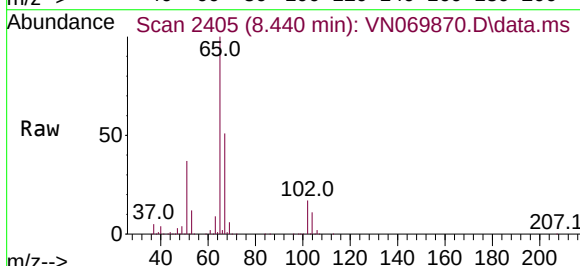
Acq: 8 Dec 2021 19:02

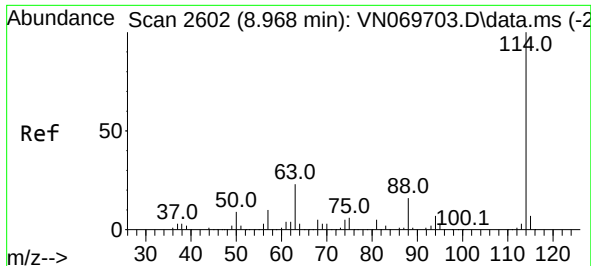
Tgt Ion: 65 Resp: 1007934

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# 2

Delta R.T. 0.000 min

Lab File: VN069870.D

Acq: 8 Dec 2021 19:02

Instrument :

MSVOA_N

ClientSampleId :

PB141231ZHE#01

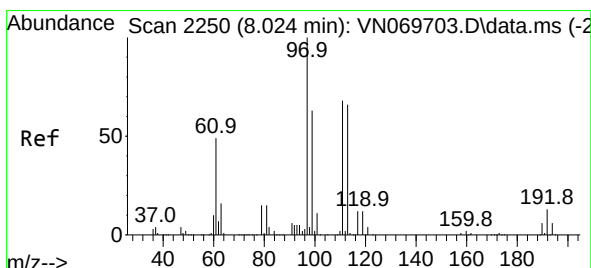
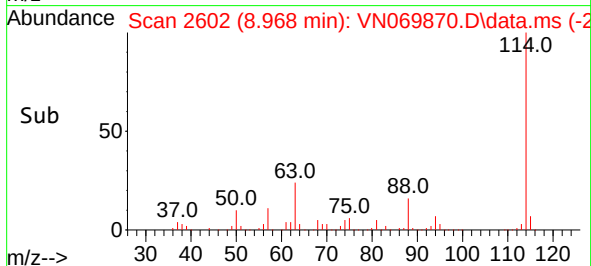
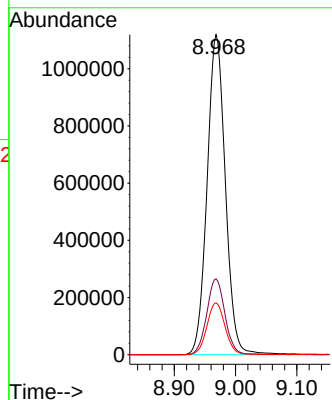
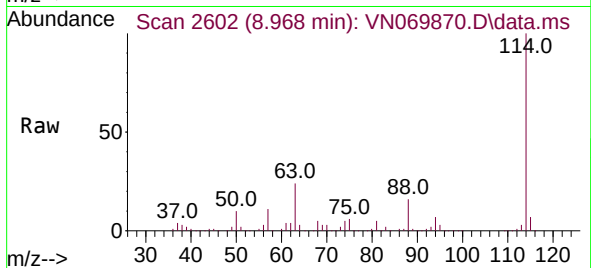
Tgt Ion:114 Resp: 2316230

Ion Ratio Lower Upper

114 100

63 23.7 0.0 37.8

88 16.2 0.0 27.4



#35

Dibromofluoromethane

Concen: 48.049 ug/l

RT: 8.024 min Scan# 2250

Delta R.T. 0.000 min

Lab File: VN069870.D

Acq: 8 Dec 2021 19:02

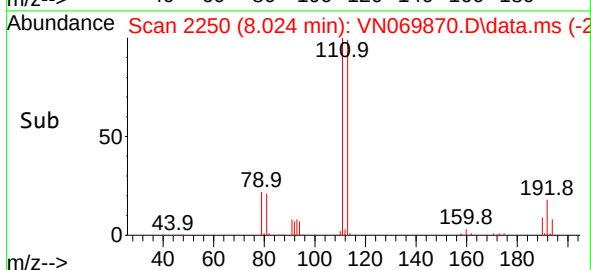
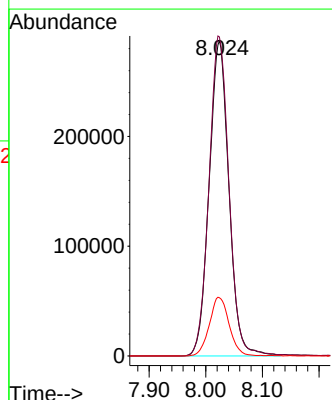
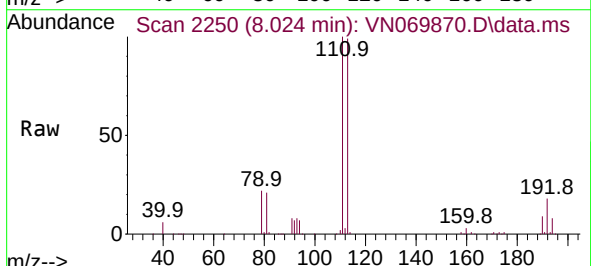
Tgt Ion:113 Resp: 697111

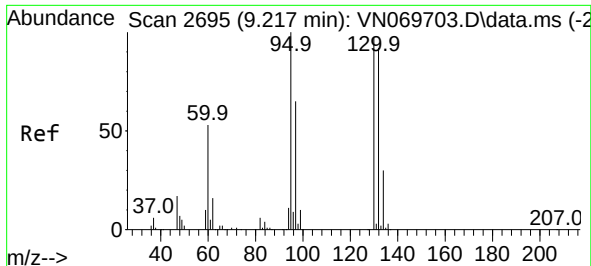
Ion Ratio Lower Upper

113 100

111 102.5 82.2 123.2

192 18.7 16.9 25.3

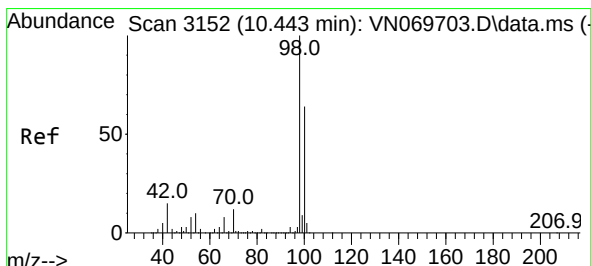
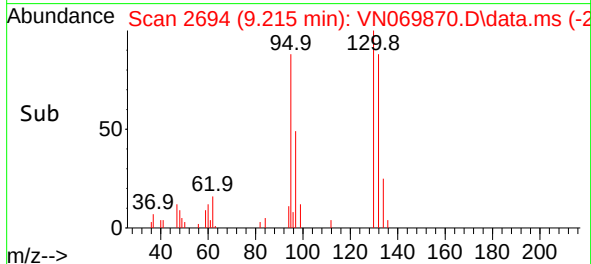
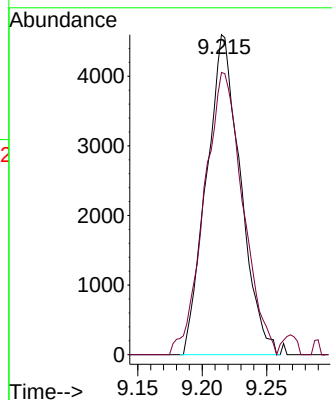
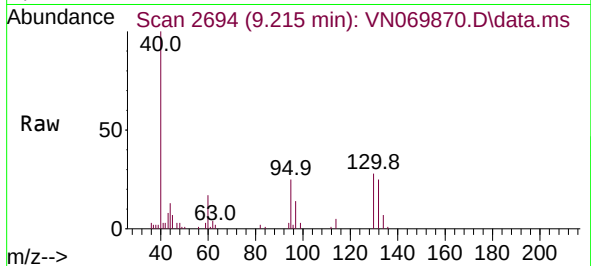




#44
Trichloroethene
Concen: 0.524 ug/l
RT: 9.215 min Scan# 21
Delta R.T. -0.002 min
Lab File: VN069870.D
Acq: 8 Dec 2021 19:02

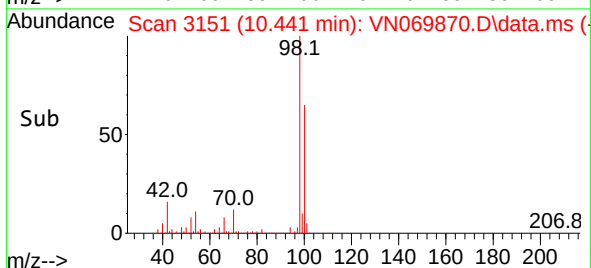
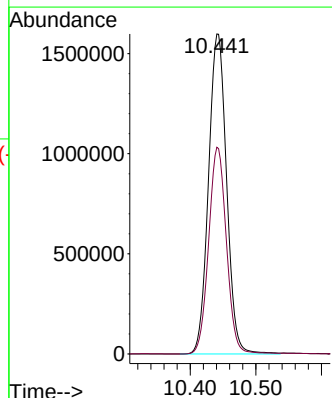
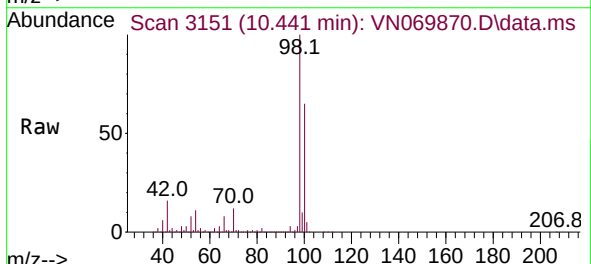
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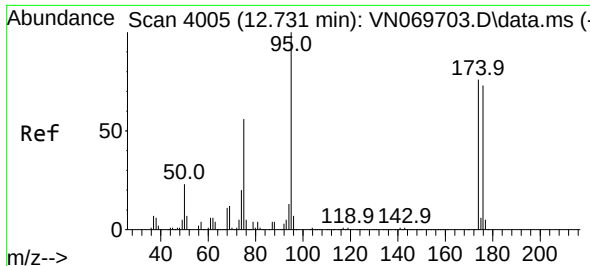
Tgt Ion:130 Resp: 8435
Ion Ratio Lower Upper
130 100
95 84.9 0.0 191.2



#50
Toluene-d8
Concen: 52.486 ug/l
RT: 10.441 min Scan# 3151
Delta R.T. -0.002 min
Lab File: VN069870.D
Acq: 8 Dec 2021 19:02

Tgt Ion: 98 Resp: 3057629
Ion Ratio Lower Upper
98 100
100 63.6 50.4 75.6

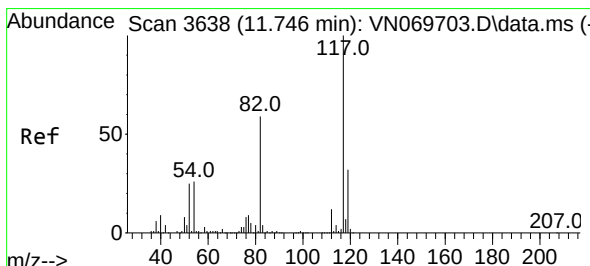
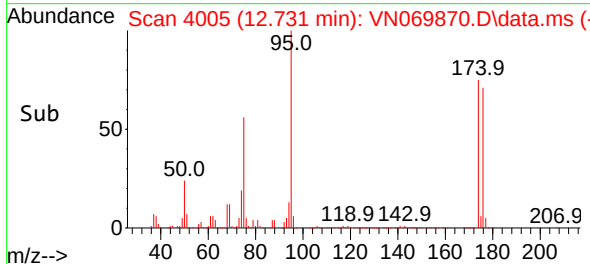
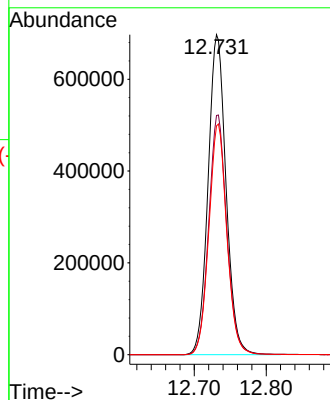
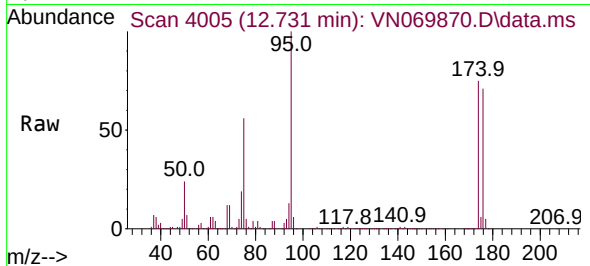




#62
4-Bromofluorobenzene
Concen: 57.438 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069870.D
Acq: 8 Dec 2021 19:02

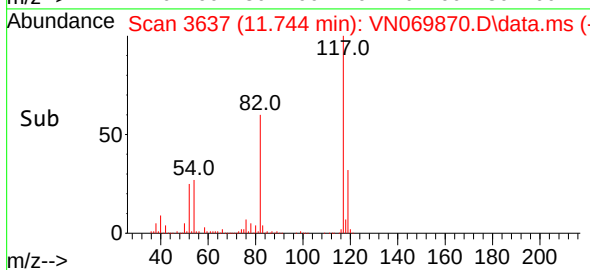
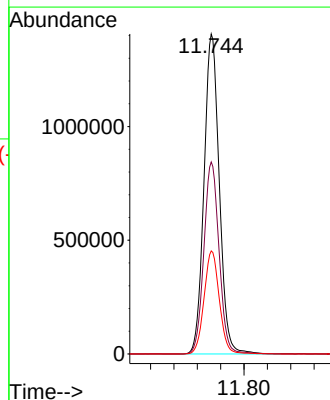
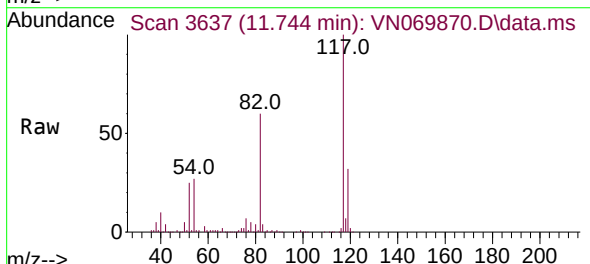
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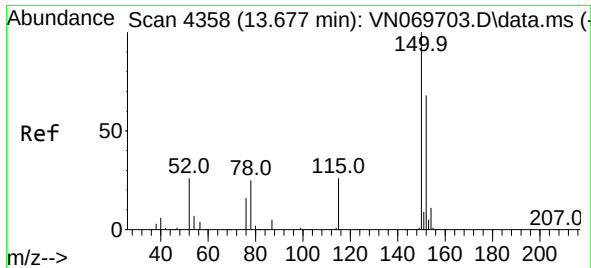
Tgt Ion: 95 Resp: 1212226
Ion Ratio Lower Upper
95 100
174 75.4 0.0 187.2
176 72.1 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN069870.D
Acq: 8 Dec 2021 19:02

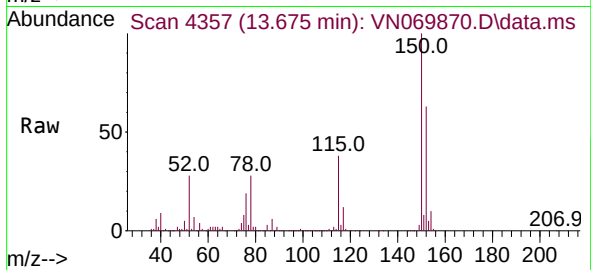
Tgt Ion: 117 Resp: 2555939
Ion Ratio Lower Upper
117 100
82 60.0 42.4 63.6
119 32.2 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.675 min Scan# 41
 Delta R.T. -0.002 min
 Lab File: VN069870.D
 Acq: 8 Dec 2021 19:02

Instrument :
 MSVOA_N
 ClientSampleId :
 PB141231ZHE#01



Tgt Ion:152 Resp: 990238
 Ion Ratio Lower Upper
 152 100
 115 60.9 27.5 82.5
 150 158.6 0.0 344.4

