

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120321\
 Data File : VN069749.D
 Acq On : 4 Dec 2021 5:13
 Operator : JC/MD
 Sample : PB141141TB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB141141TB

Quant Time: Dec 04 07:09:11 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)

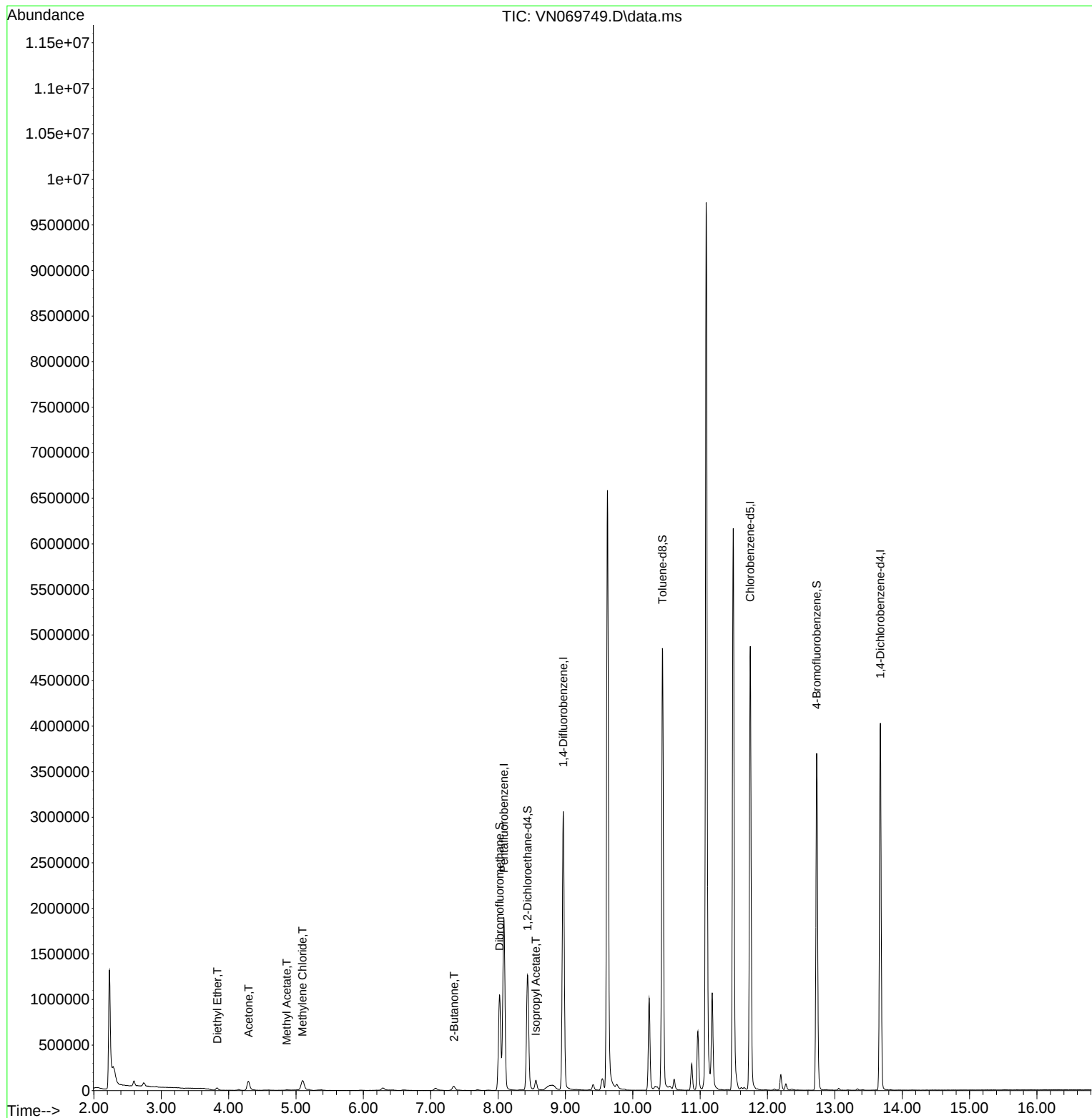
Internal Standards						
1) Pentafluorobenzene	8.086	168	1409812	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2537603	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2692485	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1067800	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	1100126	50.540	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 101.080%	
35) Dibromofluoromethane	8.024	113	762691	47.983	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 95.960%	
50) Toluene-d8	10.441	98	3296975	51.658	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 103.320%	
62) 4-Bromofluorobenzene	12.731	95	1274576	55.124	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 110.240%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.832	74	12413	1.296	ug/l	81
16) Acetone	4.296	43	188487	14.395	ug/l	94
18) Methyl Acetate	4.862	43	10665	0.270	ug/l #	62
20) Methylene Chloride	5.095	84	76155	4.375	ug/l	86
25) 2-Butanone	7.346	43	74276	4.175	ug/l	93
43) Isopropyl Acetate	8.560	43	123730	2.325	ug/l #	85

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

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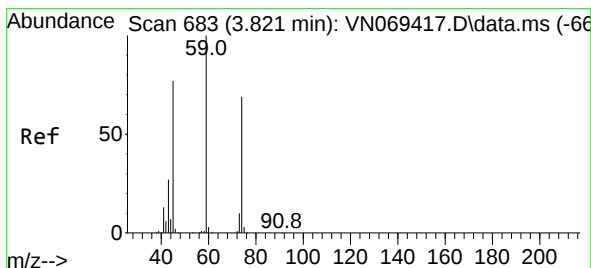
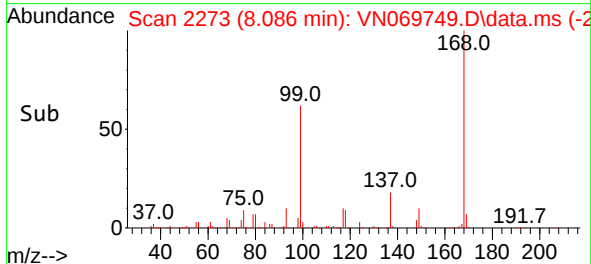
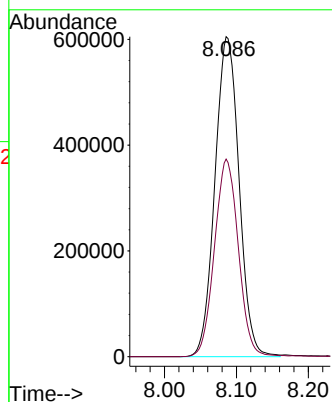
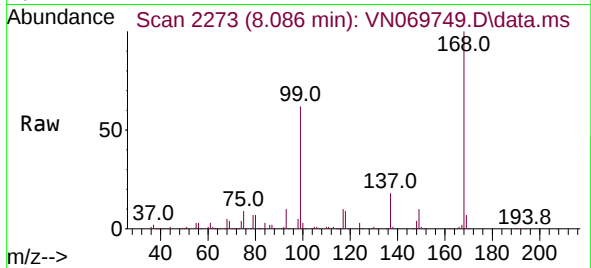




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069749.D
Acq: 4 Dec 2021 5:13

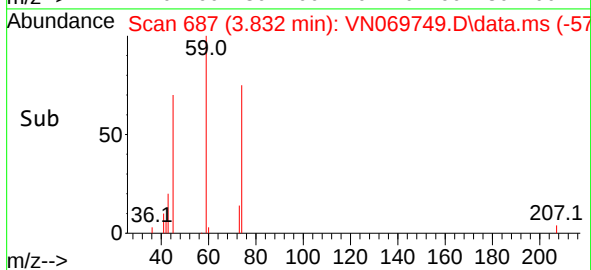
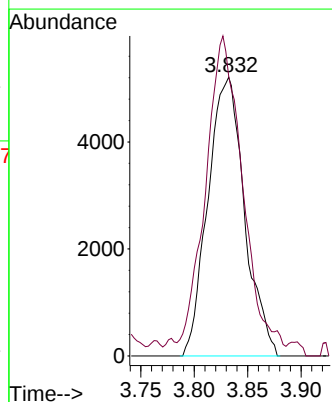
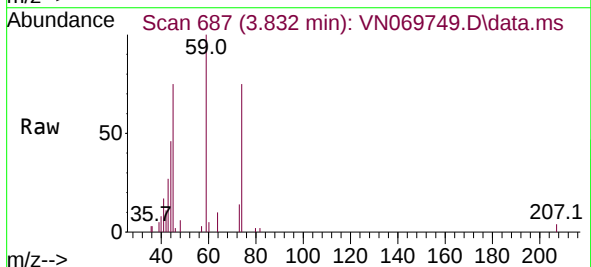
Instrument :
MSVOA_N
ClientSampleId :
PB141141TB

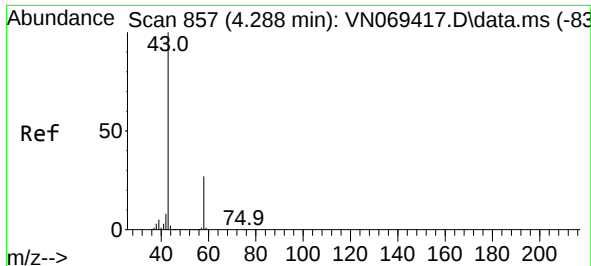
Tgt Ion:168 Resp: 1409812
Ion Ratio Lower Upper
168 100
99 61.7 41.3 61.9



#8
Diethyl Ether
Concen: 1.296 ug/l
RT: 3.832 min Scan# 687
Delta R.T. 0.011 min
Lab File: VN069749.D
Acq: 4 Dec 2021 5:13

Tgt Ion: 74 Resp: 12413
Ion Ratio Lower Upper
74 100
45 112.4 47.0 141.2

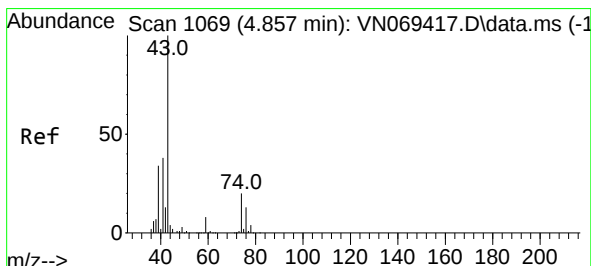
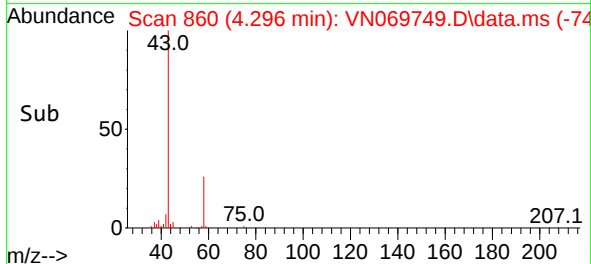
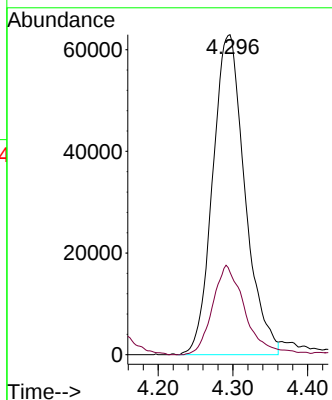
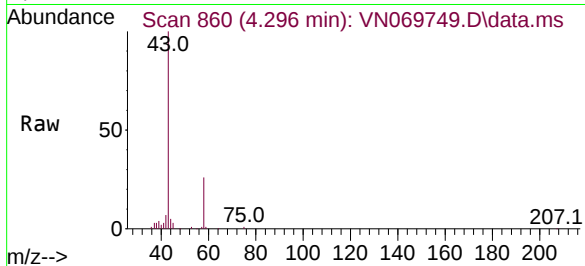




#16
Acetone
Concen: 14.395 ug/l
RT: 4.296 min Scan# 80
Delta R.T. 0.006 min
Lab File: VN069749.D
Acq: 4 Dec 2021 5:13

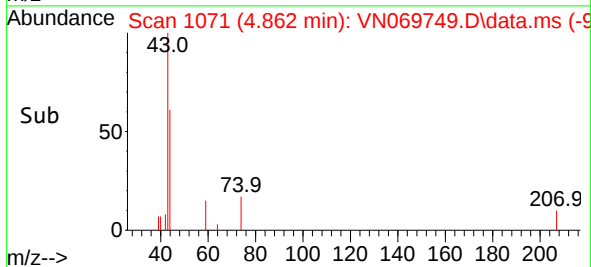
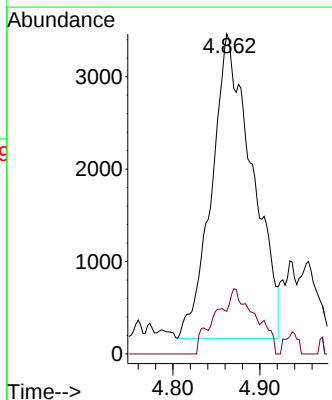
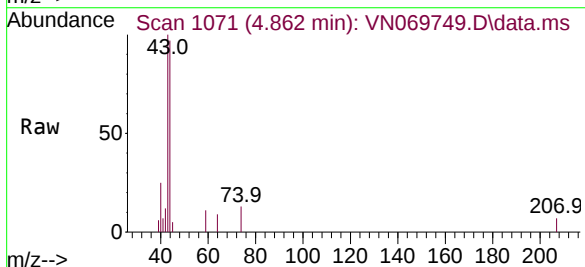
Instrument :
MSVOA_N
ClientSampleId :
PB141141TB

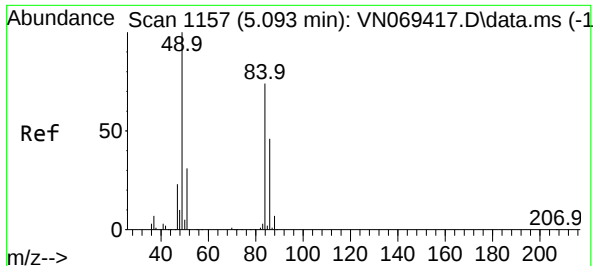
Tgt Ion: 43 Resp: 188487
Ion Ratio Lower Upper
43 100
58 25.8 23.1 34.7



#18
Methyl Acetate
Concen: 0.270 ug/l
RT: 4.862 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VN069749.D
Acq: 4 Dec 2021 5:13

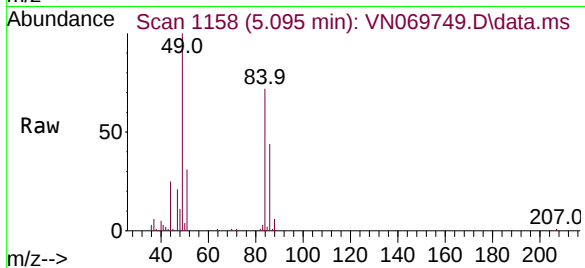
Tgt Ion: 43 Resp: 10665
Ion Ratio Lower Upper
43 100
74 5.3 19.4 29.2#



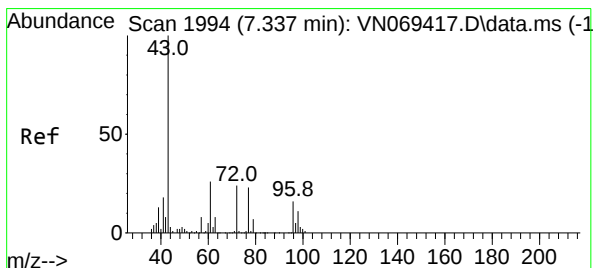
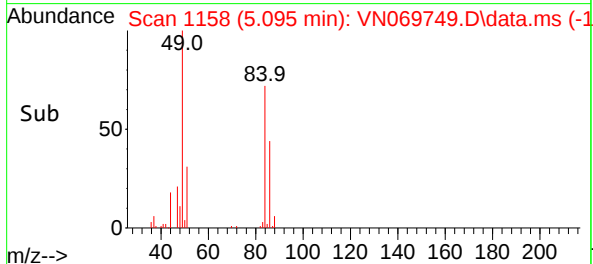
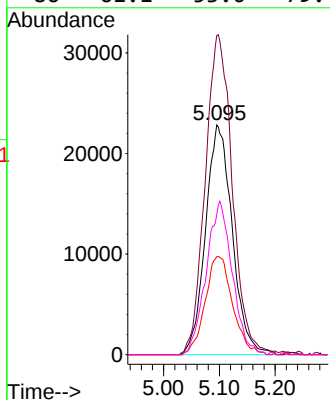


#20
Methylene Chloride
Concen: 4.375 ug/l
RT: 5.095 min Scan# 1157
Delta R.T. 0.003 min
Lab File: VN069749.D
Acq: 4 Dec 2021 5:13

Instrument :
MSVOA_N
ClientSampleId :
PB141141TB

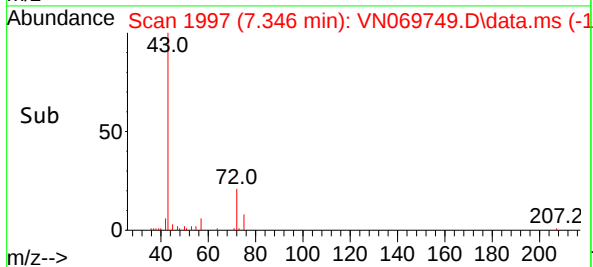
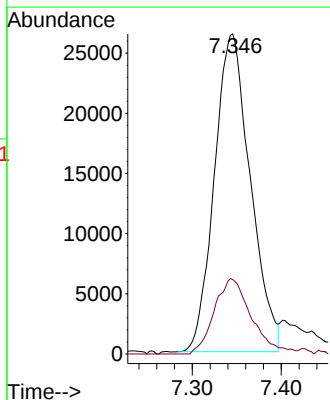
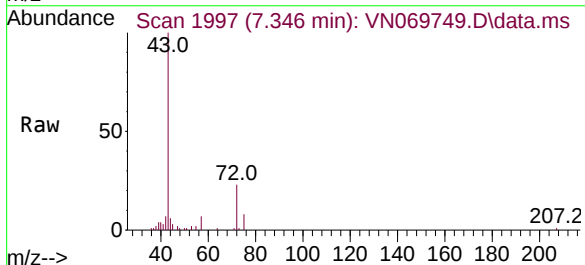


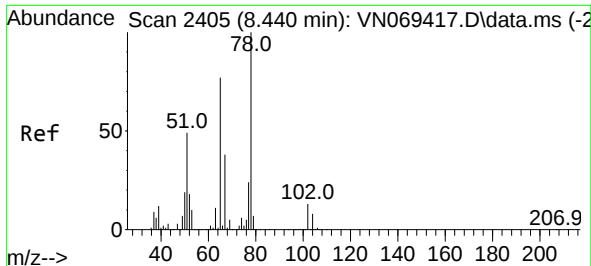
Tgt Ion:	84	Resp:	76155
Ion	Ratio	Lower	Upper
84	100		
49	139.0	93.5	140.3
51	42.6	29.4	44.2
86	61.1	53.0	79.4



#25
2-Butanone
Concen: 4.175 ug/l
RT: 7.346 min Scan# 1997
Delta R.T. 0.008 min
Lab File: VN069749.D
Acq: 4 Dec 2021 5:13

Tgt Ion:	43	Resp:	74276
Ion	Ratio	Lower	Upper
43	100		
72	23.4	21.7	32.5





#33

1,2-Dichloroethane-d4

Concen: 50.540 ug/l

RT: 8.437 min Scan# 2405

Delta R.T. 0.000 min

Lab File: VN069749.D

Acq: 4 Dec 2021 5:13

Instrument :

MSVOA_N

ClientSampleId :

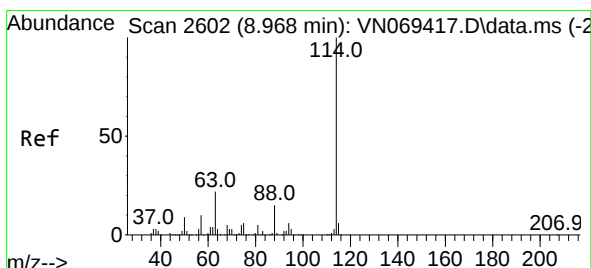
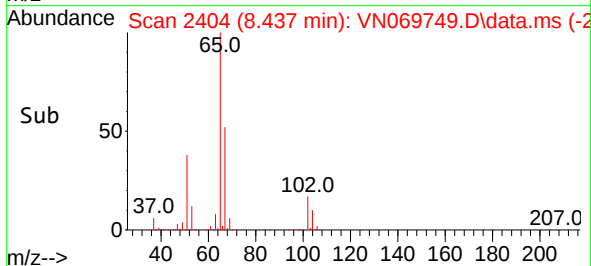
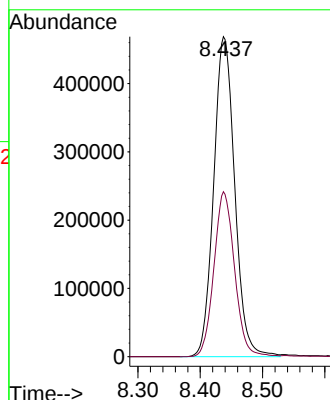
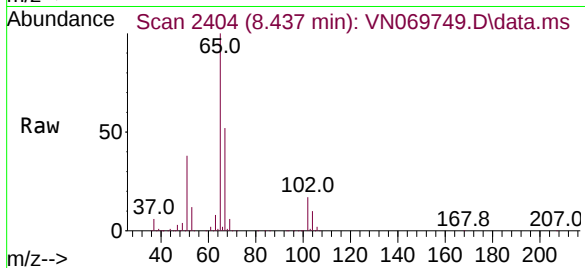
PB141141TB

Tgt Ion: 65 Resp: 1100126

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# 2602

Delta R.T. 0.000 min

Lab File: VN069749.D

Acq: 4 Dec 2021 5:13

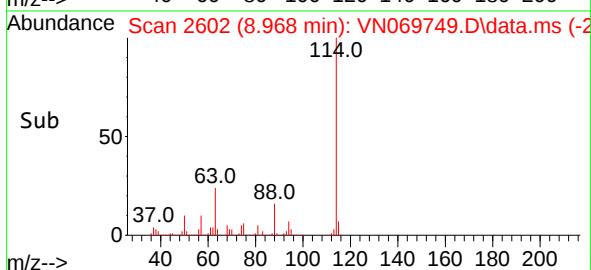
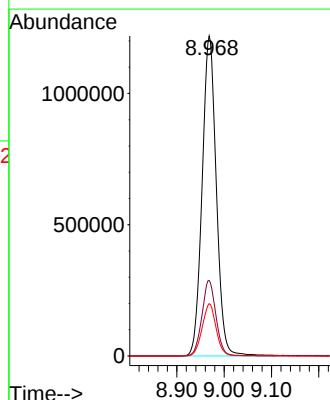
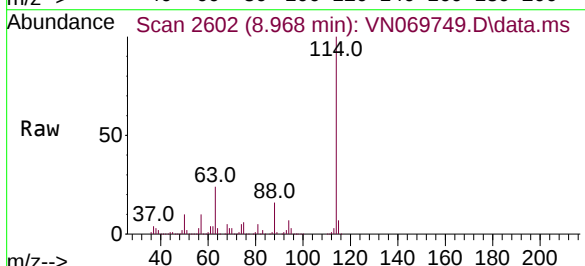
Tgt Ion: 114 Resp: 2537603

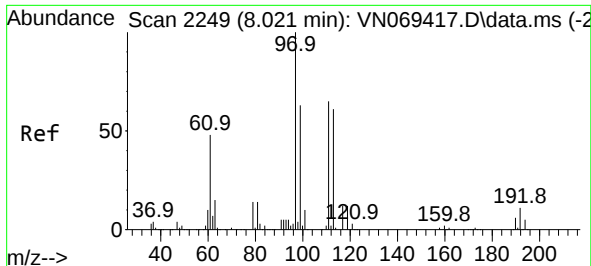
Ion Ratio Lower Upper

114 100

63 23.6 0.0 37.8

88 16.3 0.0 27.4

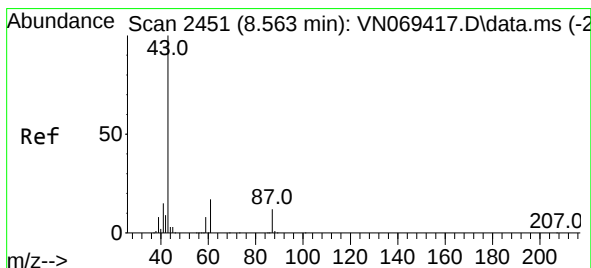
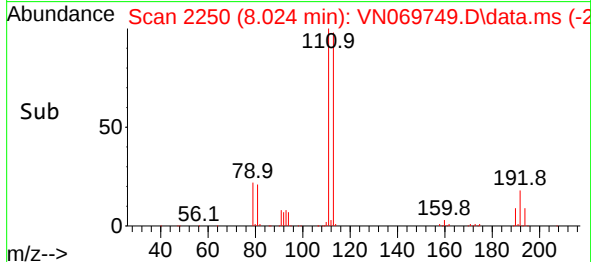
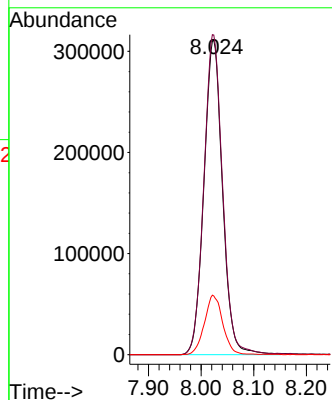
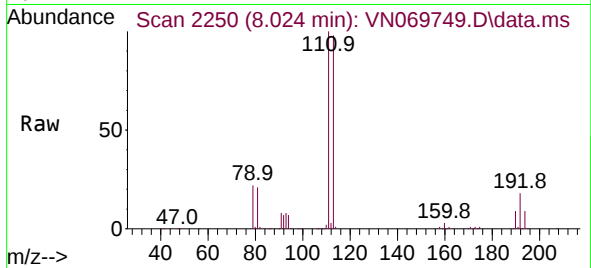




#35
Dibromofluoromethane
Concen: 47.983 ug/l
RT: 8.024 min Scan# 211
Delta R.T. 0.000 min
Lab File: VN069749.D
Acq: 4 Dec 2021 5:13

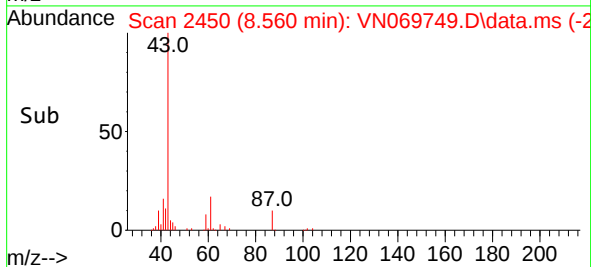
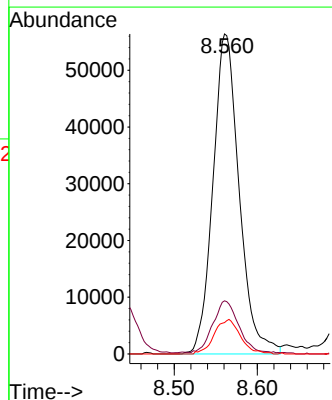
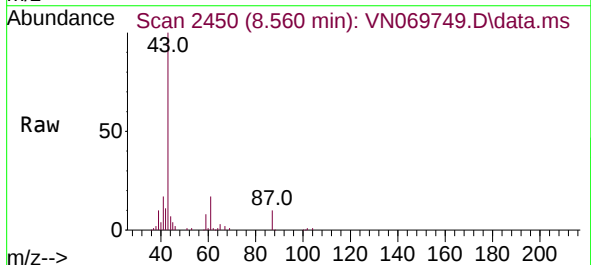
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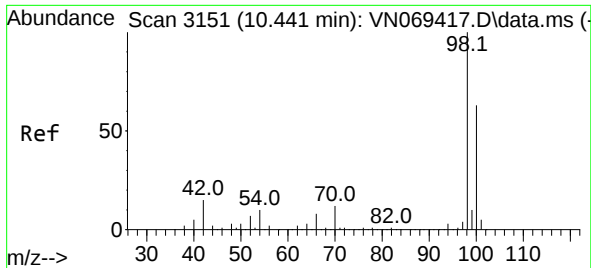
Tgt Ion:113 Resp: 762691
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.2
192 18.7 16.9 25.3



#43
Isopropyl Acetate
Concen: 2.325 ug/l
RT: 8.560 min Scan# 2450
Delta R.T. -0.002 min
Lab File: VN069749.D
Acq: 4 Dec 2021 5:13

Tgt Ion: 43 Resp: 123730
Ion Ratio Lower Upper
43 100
61 15.7 20.4 30.6#
87 10.7 11.2 16.8#

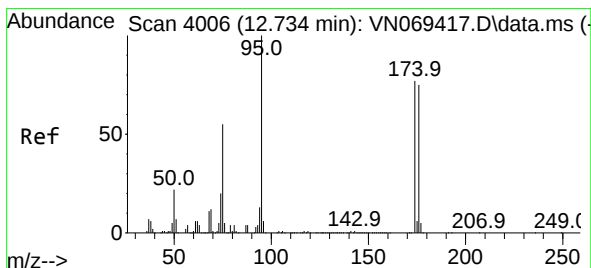
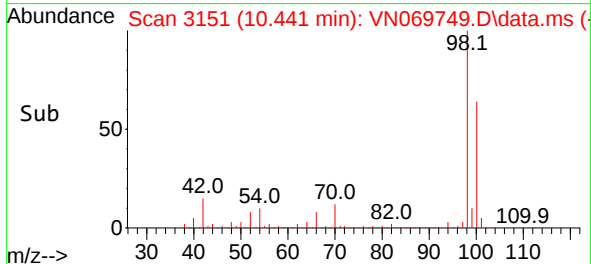
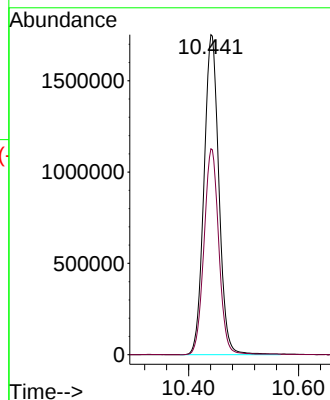
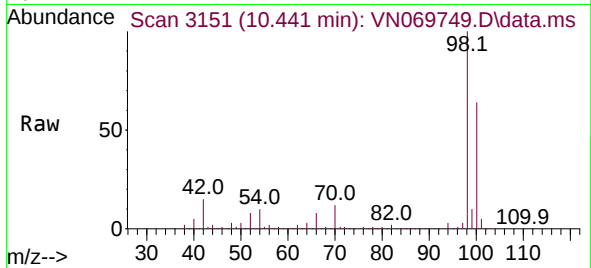




#50
Toluene-d8
Concen: 51.658 ug/l
RT: 10.441 min Scan# 3151
Delta R.T. -0.002 min
Lab File: VN069749.D
Acq: 4 Dec 2021 5:13

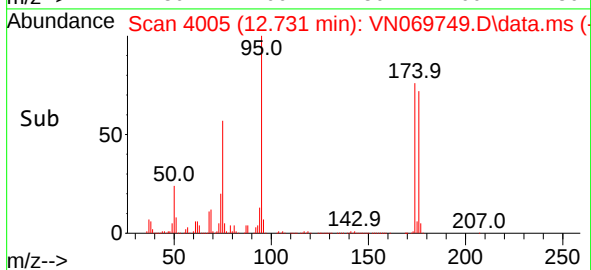
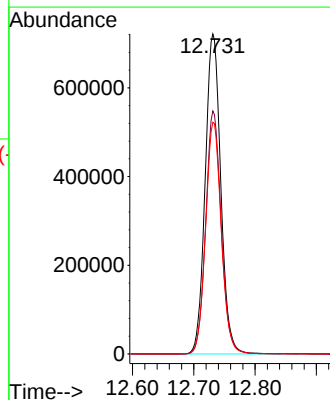
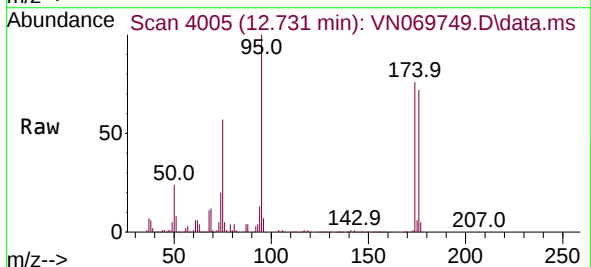
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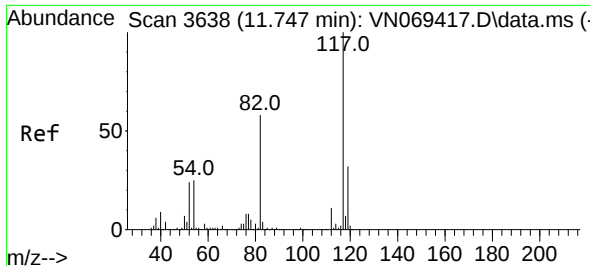
Tgt Ion: 98 Resp: 3296975
Ion Ratio Lower Upper
98 100
100 63.8 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 55.124 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069749.D
Acq: 4 Dec 2021 5:13

Tgt Ion: 95 Resp: 1274576
Ion Ratio Lower Upper
95 100
174 75.8 0.0 187.2
176 72.7 0.0 181.4

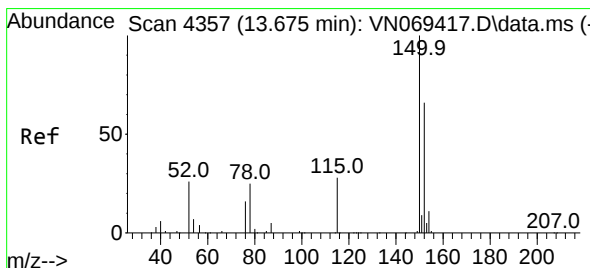
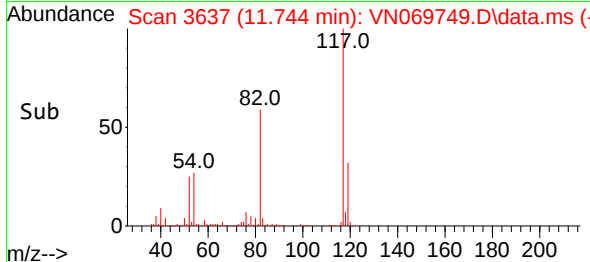
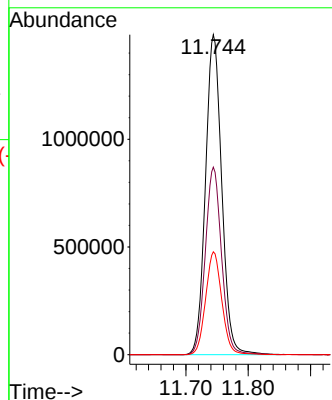
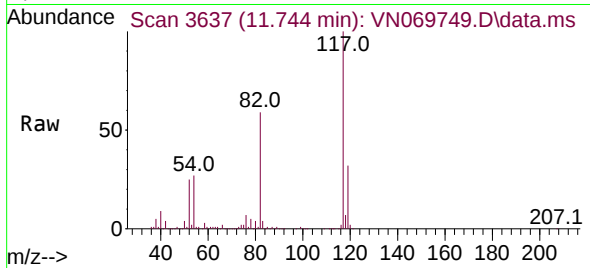




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN069749.D
Acq: 4 Dec 2021 5:13

Instrument :
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ClientSampleId :
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Tgt Ion:117 Resp: 2692485
Ion Ratio Lower Upper
117 100
82 58.6 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# 4357
Delta R.T. -0.002 min
Lab File: VN069749.D
Acq: 4 Dec 2021 5:13

Tgt Ion:152 Resp: 1067800
Ion Ratio Lower Upper
152 100
115 60.9 27.5 82.5
150 157.2 0.0 344.4

