

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120621\
 Data File : VN069795.D
 Acq On : 6 Dec 2021 20:10
 Operator : JC/MD
 Sample : PB141160ZHE#02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB141160ZHE#02

Quant Time: Dec 07 03:50:40 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)

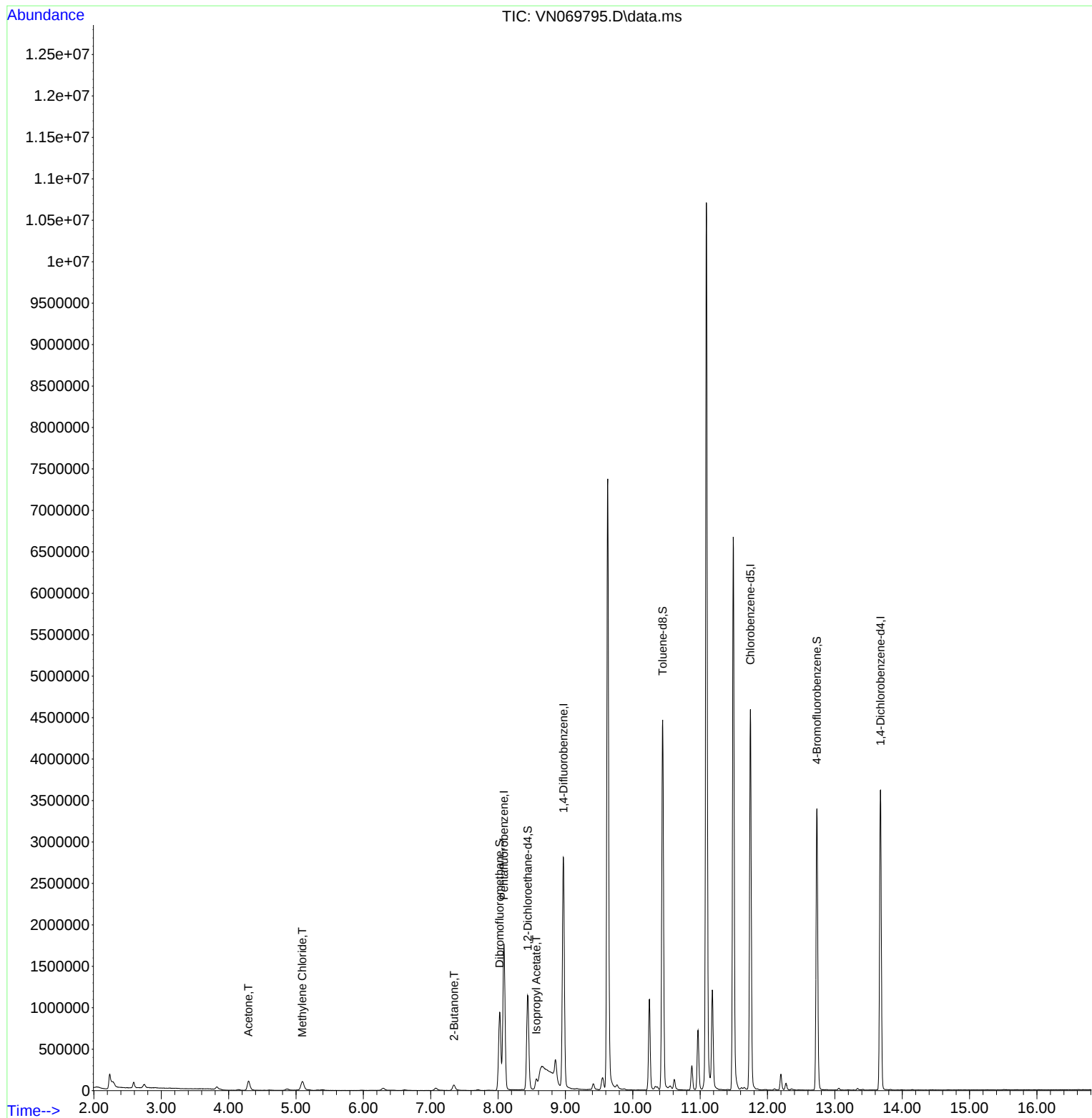
Internal Standards						
1) Pentafluorobenzene	8.088	168	1311027	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	2360657	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	2509023	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	971931	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	983482	48.586	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.180%
35) Dibromofluoromethane	8.024	113	680911	46.049	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	92.100%
50) Toluene-d8	10.443	98	3052382	51.410	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.820%
62) 4-Bromofluorobenzene	12.733	95	1167391	54.273	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	108.540%
Target Compounds						
					Qvalue	
16) Acetone	4.293	43	209982	17.245	ug/l	95
20) Methylene Chloride	5.092	84	77044	4.759	ug/l	89
25) 2-Butanone	7.345	43	92781	5.608	ug/l	97
43) Isopropyl Acetate	8.568	43	159743	3.227	ug/l #	82

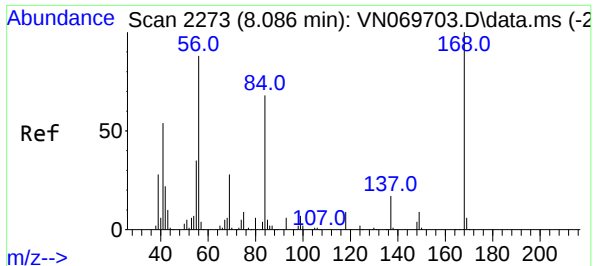
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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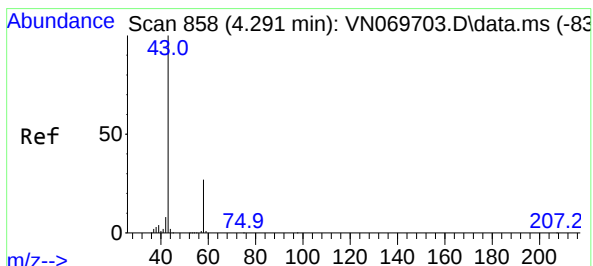
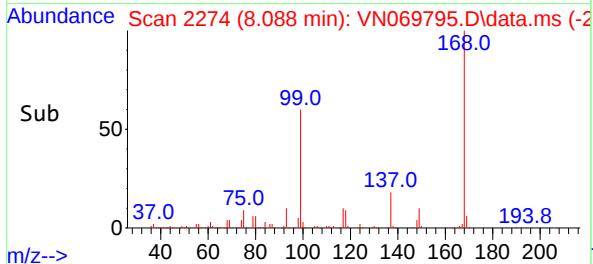
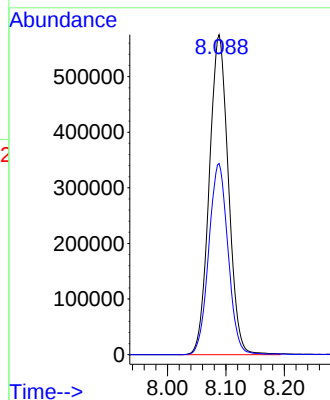
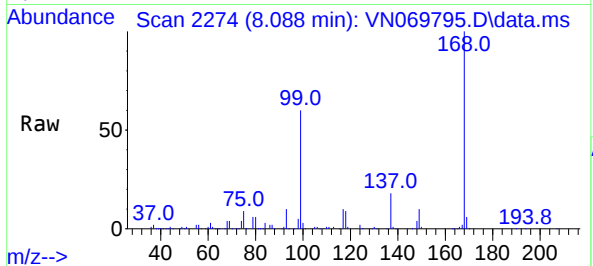




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069795.D
Acq: 6 Dec 2021 20:10

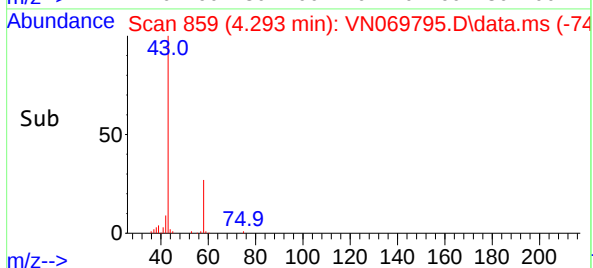
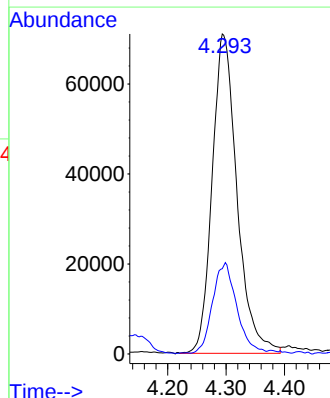
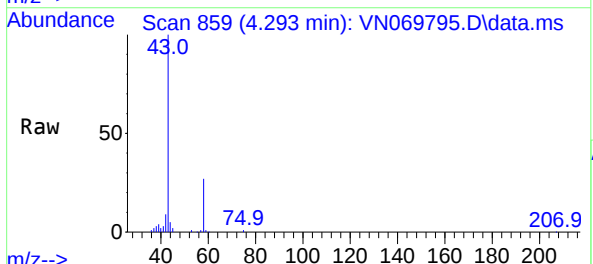
Instrument :
MSVOA_N
ClientSampleId :
PB141160ZHE#02

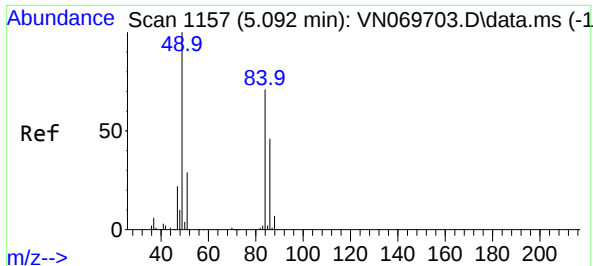
Tgt Ion:168 Resp: 1311027
Ion Ratio Lower Upper
168 100
99 59.8 41.3 61.9



#16
Acetone
Concen: 17.245 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.003 min
Lab File: VN069795.D
Acq: 6 Dec 2021 20:10

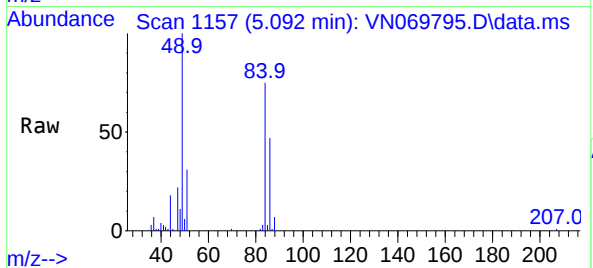
Tgt Ion: 43 Resp: 209982
Ion Ratio Lower Upper
43 100
58 26.4 23.1 34.7





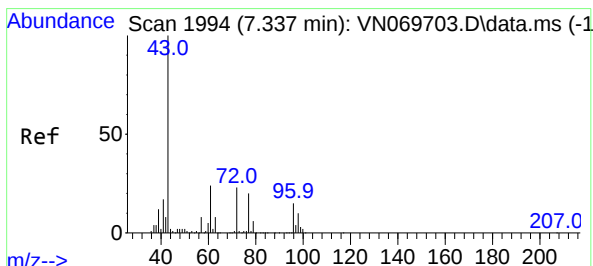
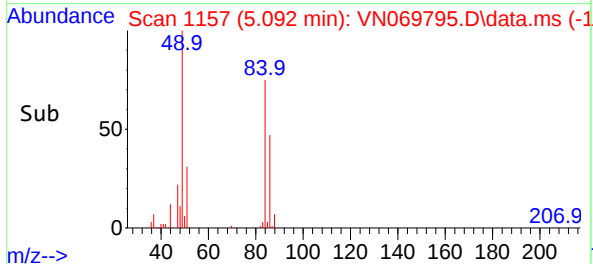
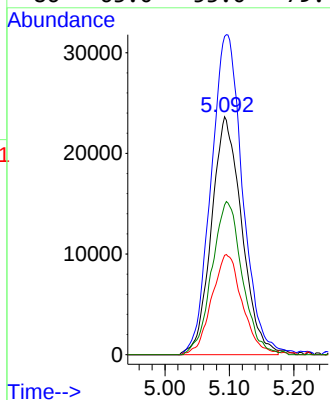
#20
Methylene Chloride
Concen: 4.759 ug/l
RT: 5.092 min Scan# 1157
Delta R.T. 0.000 min
Lab File: VN069795.D
Acq: 6 Dec 2021 20:10

Instrument :
MSVOA_N
ClientSampleId :
PB141160ZHE#02



Tgt Ion: 84 Resp: 77044

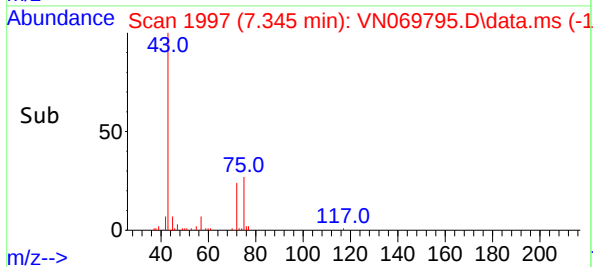
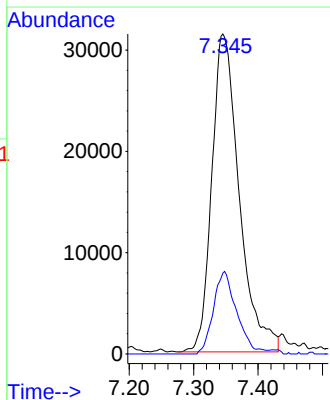
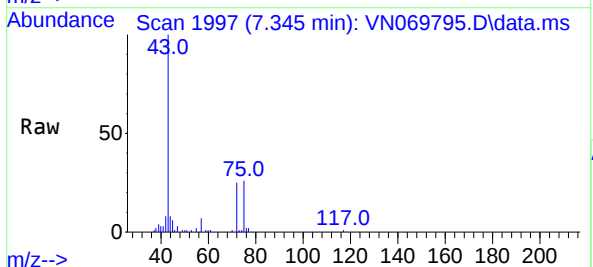
Ion	Ratio	Lower	Upper
84	100		
49	133.8	93.5	140.3
51	41.8	29.4	44.2
86	63.0	53.0	79.4

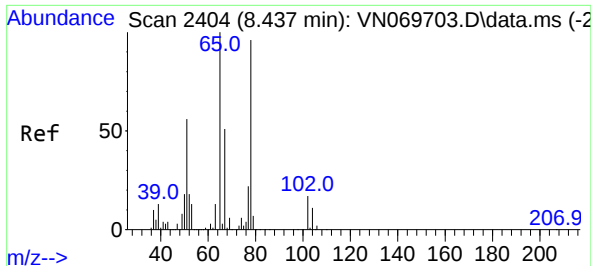


#25
2-Butanone
Concen: 5.608 ug/l
RT: 7.345 min Scan# 1997
Delta R.T. 0.008 min
Lab File: VN069795.D
Acq: 6 Dec 2021 20:10

Tgt Ion: 43 Resp: 92781

Ion	Ratio	Lower	Upper
43	100		
72	25.4	21.7	32.5





#33

1,2-Dichloroethane-d4

Concen: 48.586 ug/l

RT: 8.440 min Scan# 24

Delta R.T. 0.003 min

Lab File: VN069795.D

Acq: 6 Dec 2021 20:10

Instrument :

MSVOA_N

ClientSampleId :

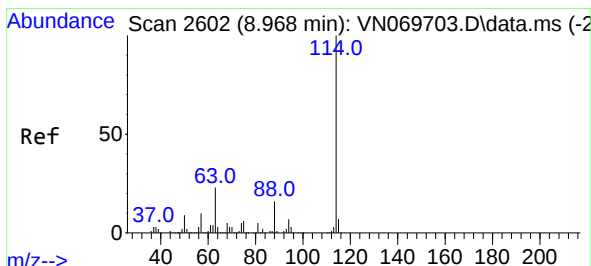
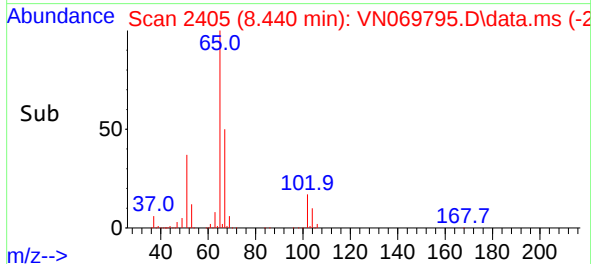
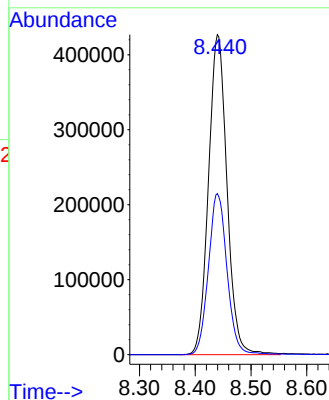
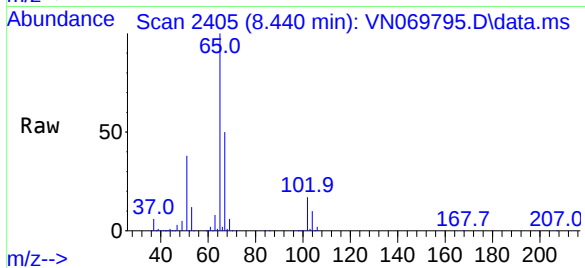
PB141160ZHE#02

Tgt Ion: 65 Resp: 983482

Ion Ratio Lower Upper

65 100

67 50.6 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.971 min Scan# 2603

Delta R.T. 0.003 min

Lab File: VN069795.D

Acq: 6 Dec 2021 20:10

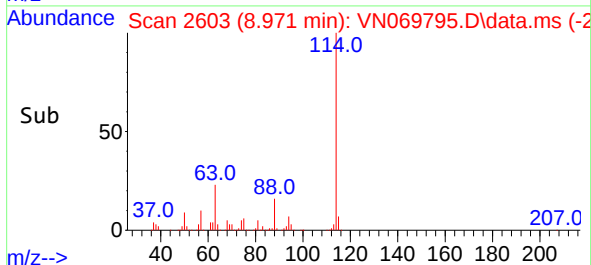
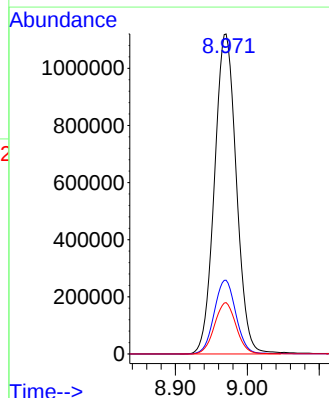
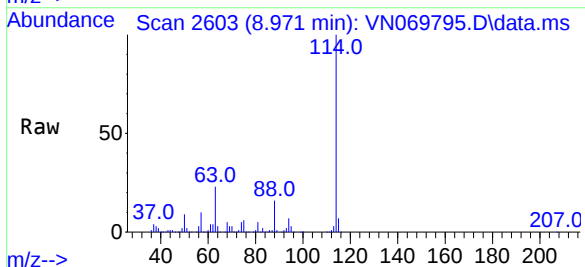
Tgt Ion: 114 Resp: 2360657

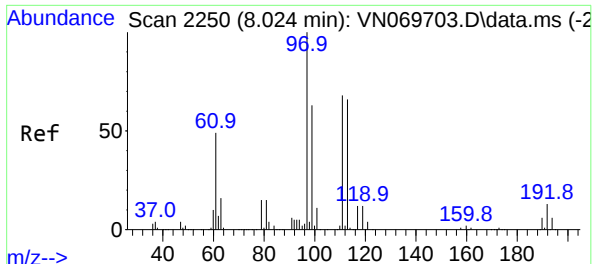
Ion Ratio Lower Upper

114 100

63 23.1 0.0 37.8

88 16.0 0.0 27.4

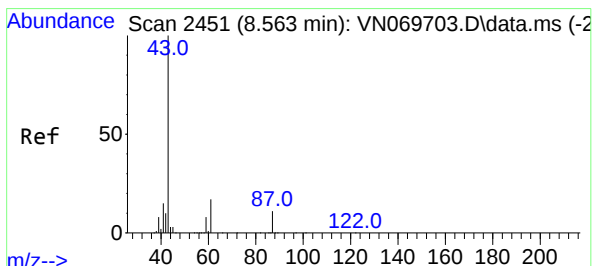
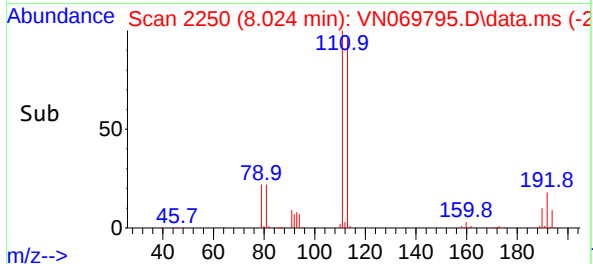
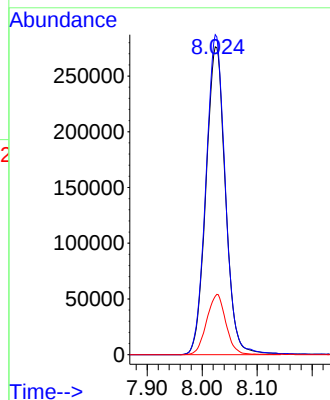
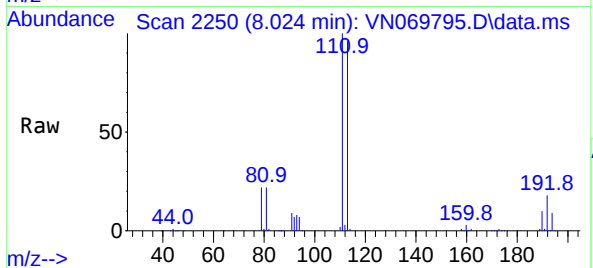




#35
Dibromofluoromethane
Concen: 46.049 ug/l
RT: 8.024 min Scan# 211
Delta R.T. 0.000 min
Lab File: VN069795.D
Acq: 6 Dec 2021 20:10

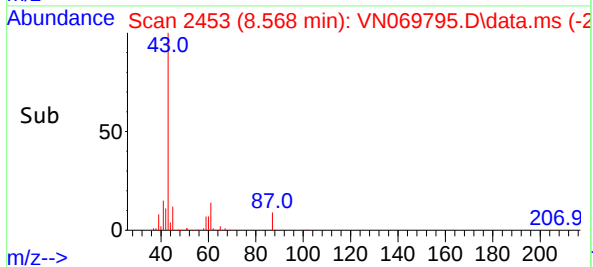
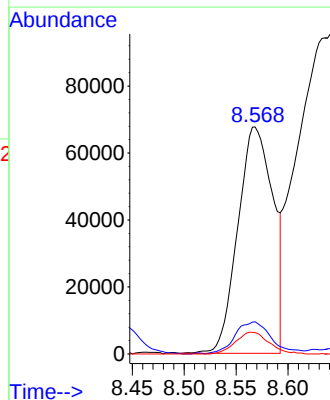
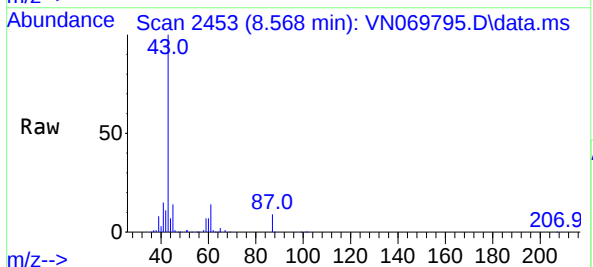
Instrument :
MSVOA_N
ClientSampleId :
PB141160ZHE#02

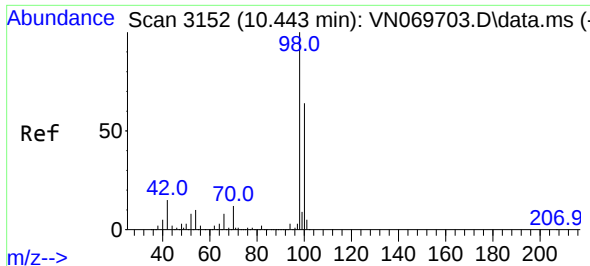
Tgt Ion:113 Resp: 680911
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.2
192 19.3 16.9 25.3



#43
Isopropyl Acetate
Concen: 3.227 ug/l
RT: 8.568 min Scan# 2453
Delta R.T. 0.005 min
Lab File: VN069795.D
Acq: 6 Dec 2021 20:10

Tgt Ion: 43 Resp: 159743
Ion Ratio Lower Upper
43 100
61 14.7 20.4 30.6#
87 9.1 11.2 16.8#

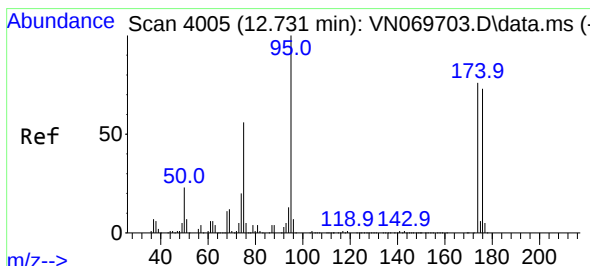
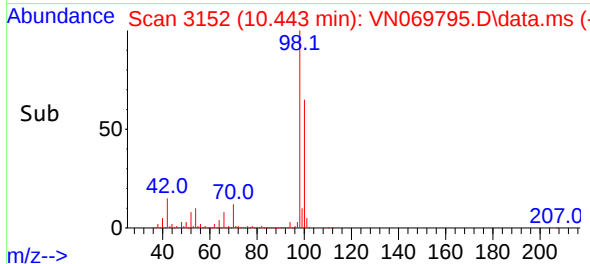
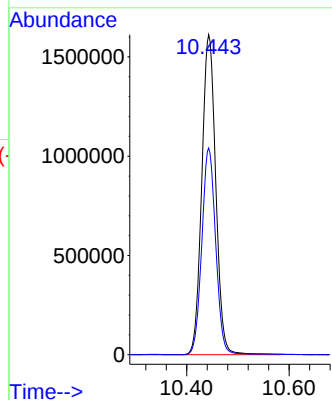
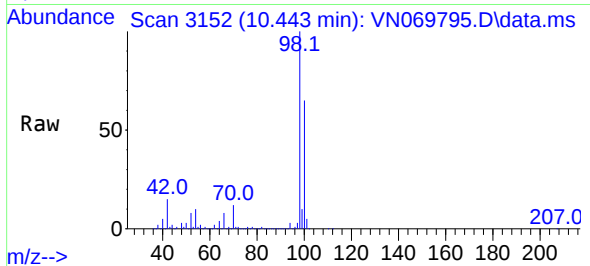




#50
Toluene-d8
Concen: 51.410 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069795.D
Acq: 6 Dec 2021 20:10

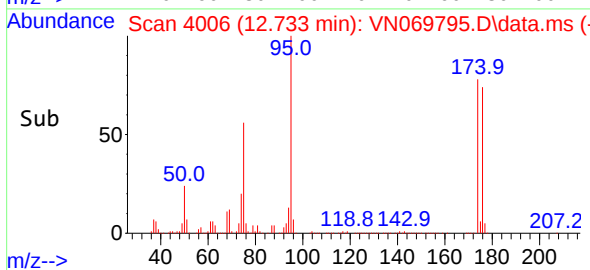
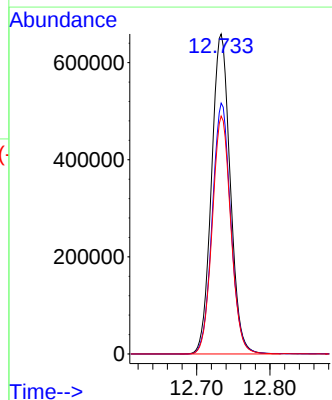
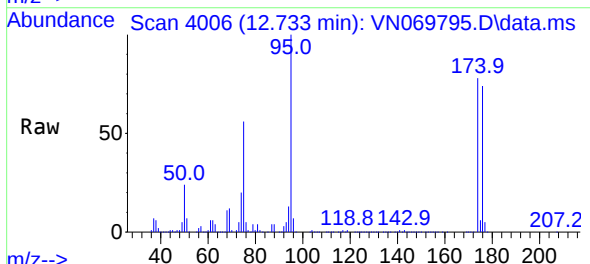
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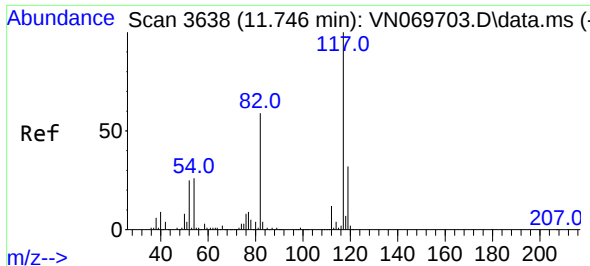
Tgt Ion: 98 Resp: 3052382
Ion Ratio Lower Upper
98 100
100 64.1 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 54.273 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.002 min
Lab File: VN069795.D
Acq: 6 Dec 2021 20:10

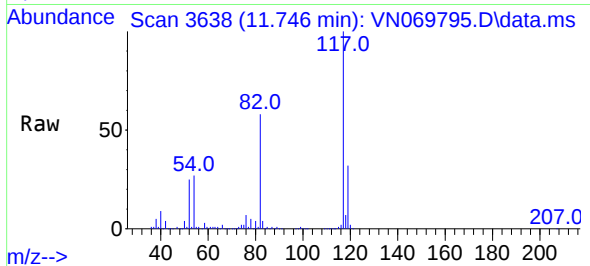
Tgt Ion: 95 Resp: 1167391
Ion Ratio Lower Upper
95 100
174 77.7 0.0 187.2
176 74.0 0.0 181.4





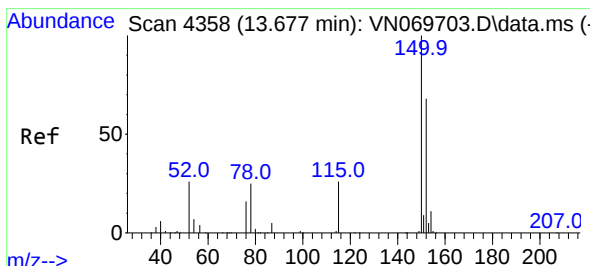
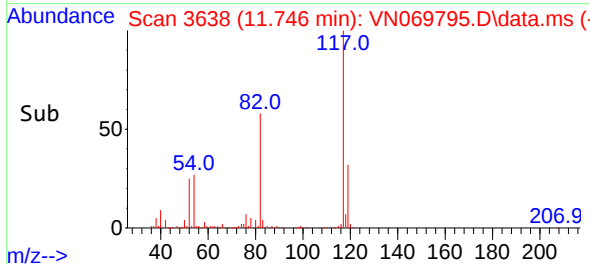
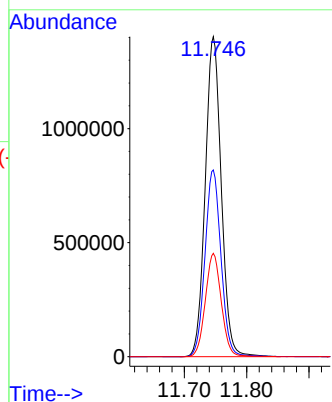
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069795.D
Acq: 6 Dec 2021 20:10

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:117 Resp: 2509023

Ion	Ratio	Lower	Upper
117	100		
82	58.3	42.4	63.6
119	32.3	25.4	38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.000 min
Lab File: VN069795.D
Acq: 6 Dec 2021 20:10

Tgt Ion:152 Resp: 971931

Ion	Ratio	Lower	Upper
152	100		
115	60.4	27.5	82.5
150	157.9	0.0	344.4

