

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120421\
 Data File : VN069766.D
 Acq On : 4 Dec 2021 15:31
 Operator : JC/MD
 Sample : M4922-22DL 5X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE103D3-20211130DL

Quant Time: Dec 04 16:12:16 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)

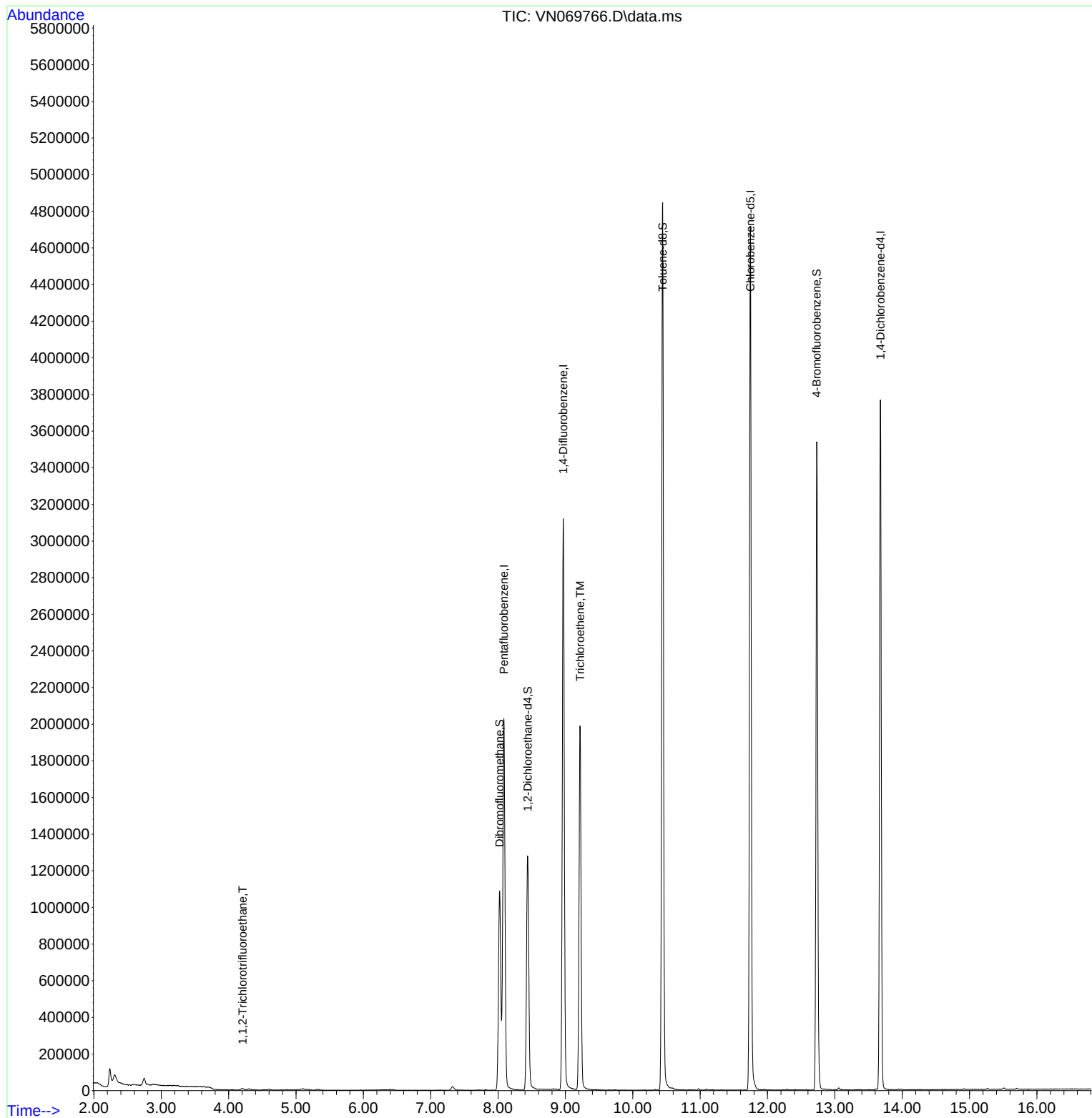
Internal Standards						
1) Pentafluorobenzene	8.086	168	1492667	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2605941	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	2637775	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	1008746	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	1128502	48.966	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.940%
35) Dibromofluoromethane	8.024	113	780961	47.844	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.680%
50) Toluene-d8	10.443	98	3303013	50.395	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.800%
62) 4-Bromofluorobenzene	12.731	95	1228588	51.742	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	103.480%
Target Compounds						
9) 1,1,2-Trichlorotrifluo...	4.208	101	5747	0.390	ug/l #	79
44) Trichloroethene	9.218	130	693378	38.311	ug/l	89

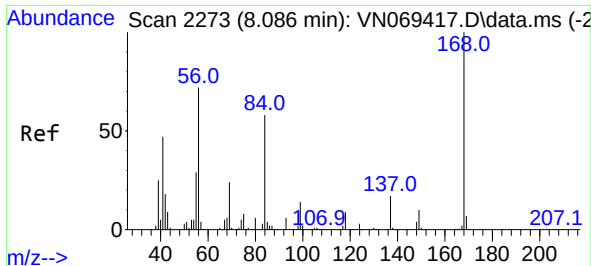
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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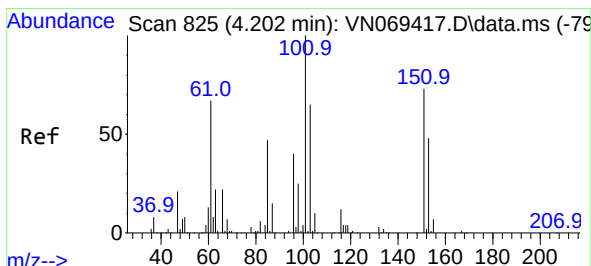
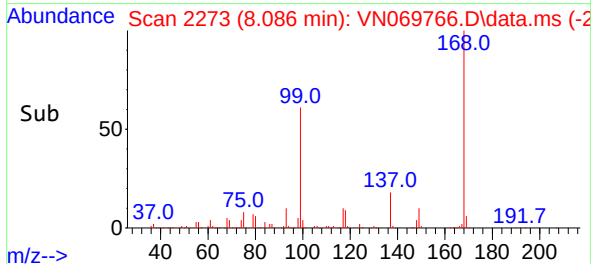
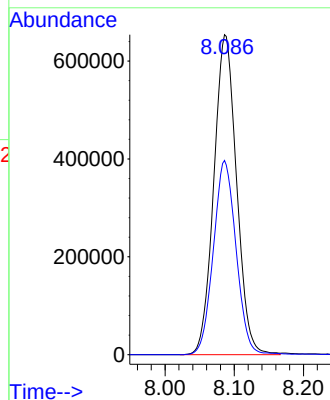
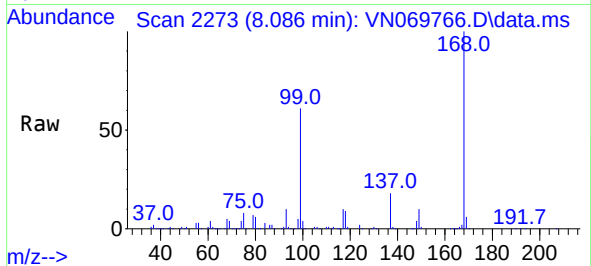




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069766.D
Acq: 4 Dec 2021 15:31

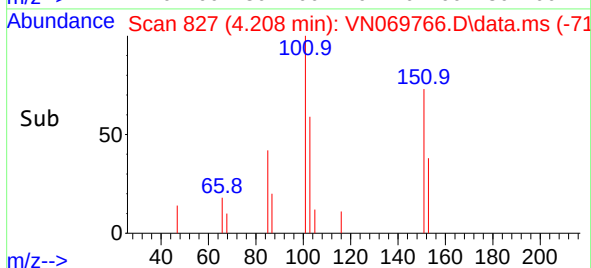
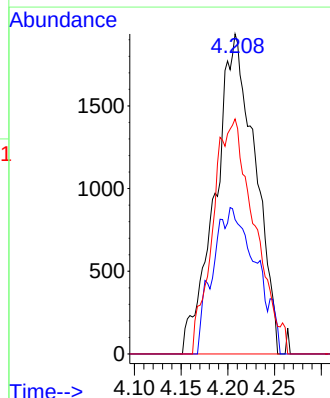
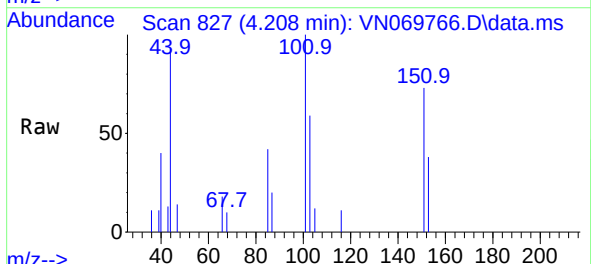
Instrument :
MSVOA_N
ClientSampleId :
RE103D3-20211130DL

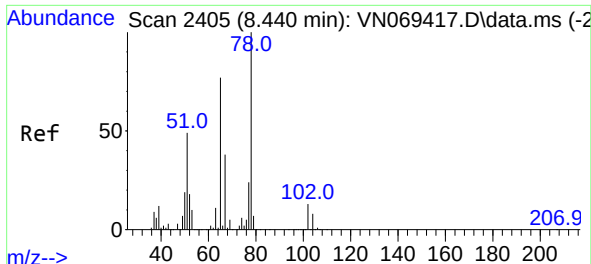
Tgt Ion:168 Resp: 1492667
Ion Ratio Lower Upper
168 100
99 60.7 41.3 61.9



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.390 ug/l
RT: 4.208 min Scan# 827
Delta R.T. 0.006 min
Lab File: VN069766.D
Acq: 4 Dec 2021 15:31

Tgt Ion:101 Resp: 5747
Ion Ratio Lower Upper
101 100
85 16.4 37.2 55.8#
151 76.5 65.9 98.9





#33

1,2-Dichloroethane-d4

Concen: 48.966 ug/l

RT: 8.440 min Scan# 24

Delta R.T. 0.003 min

Lab File: VN069766.D

Acq: 4 Dec 2021 15:31

Instrument :

MSVOA_N

ClientSampleId :

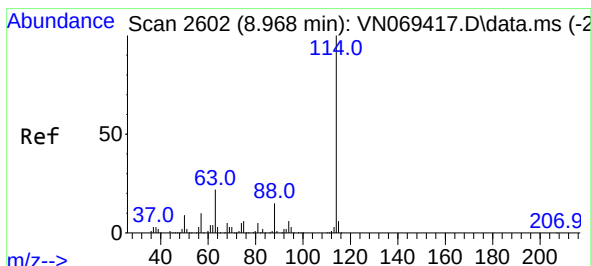
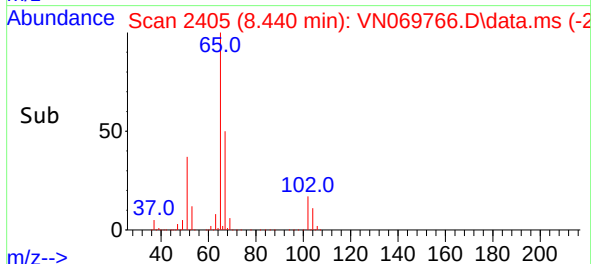
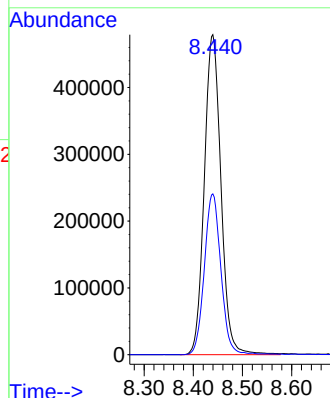
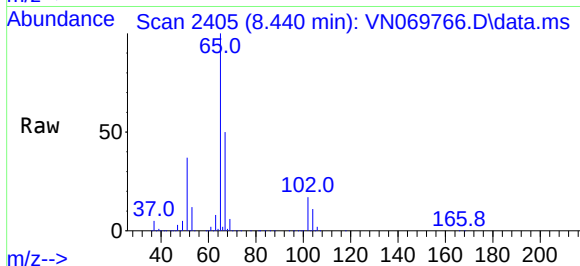
RE103D3-20211130DL

Tgt Ion: 65 Resp: 1128502

Ion Ratio Lower Upper

65 100

67 49.6 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: VN069766.D

Acq: 4 Dec 2021 15:31

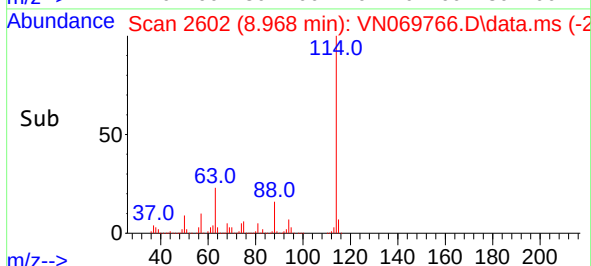
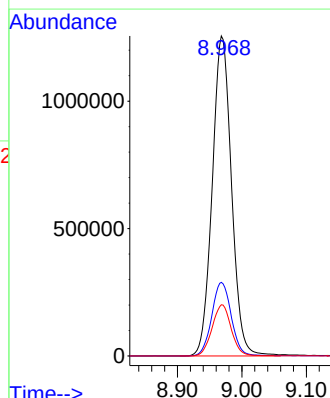
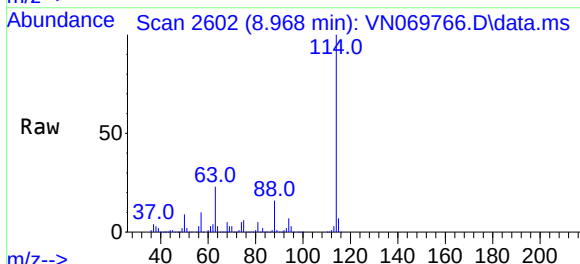
Tgt Ion: 114 Resp: 2605941

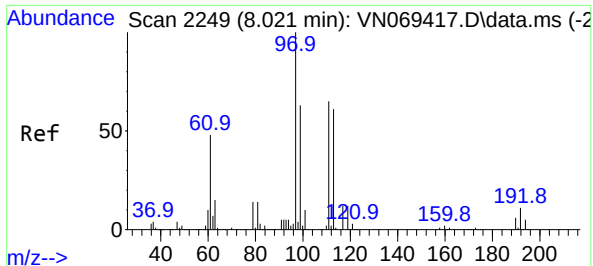
Ion Ratio Lower Upper

114 100

63 23.0 0.0 37.8

88 16.0 0.0 27.4

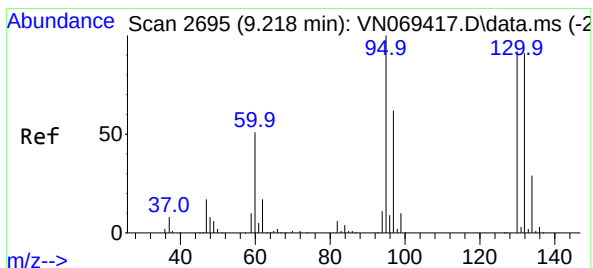
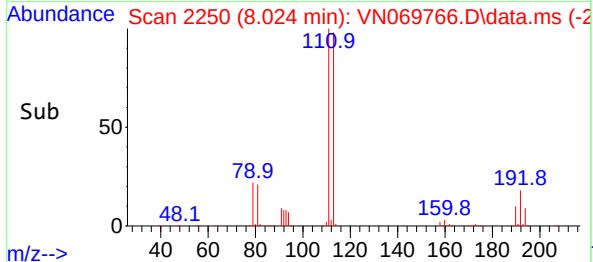
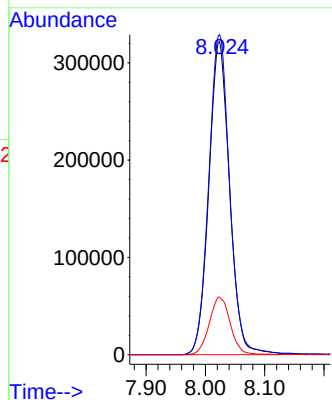
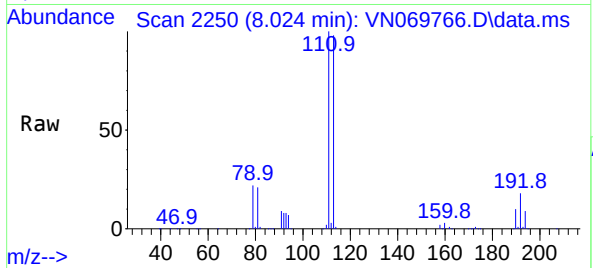




#35
Dibromofluoromethane
Concen: 47.844 ug/l
RT: 8.024 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VN069766.D
Acq: 4 Dec 2021 15:31

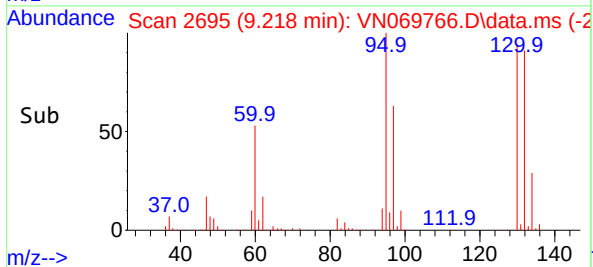
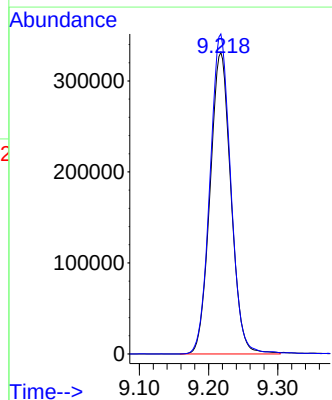
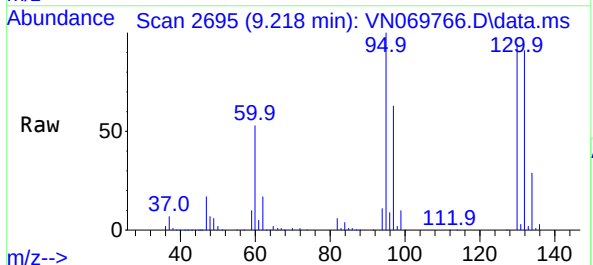
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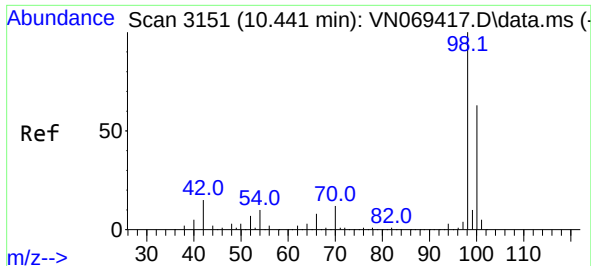
Tgt Ion:113 Resp: 780961
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.2
192 18.6 16.9 25.3



#44
Trichloroethene
Concen: 38.311 ug/l
RT: 9.218 min Scan# 2695
Delta R.T. 0.001 min
Lab File: VN069766.D
Acq: 4 Dec 2021 15:31

Tgt Ion:130 Resp: 693378
Ion Ratio Lower Upper
130 100
95 106.1 0.0 191.2

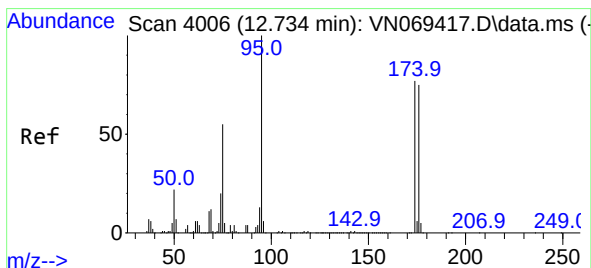
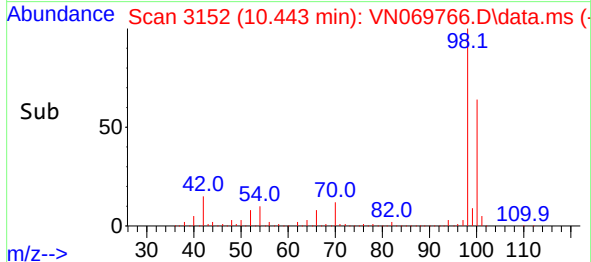
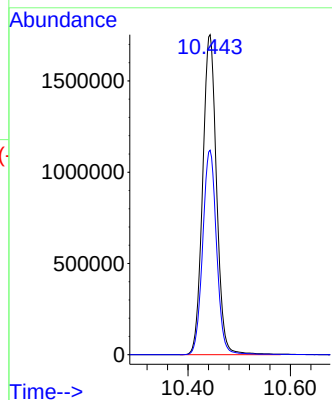
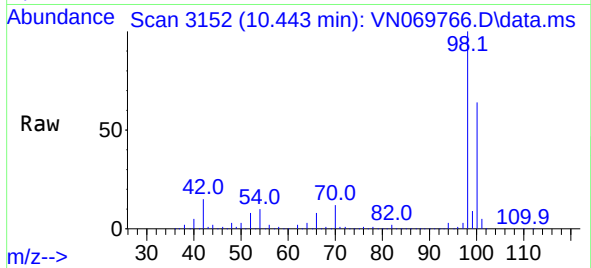




#50
Toluene-d8
Concen: 50.395 ug/l
RT: 10.443 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN069766.D
Acq: 4 Dec 2021 15:31

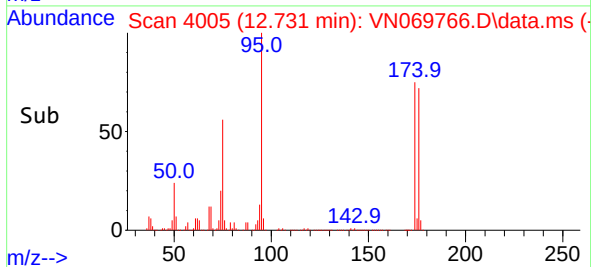
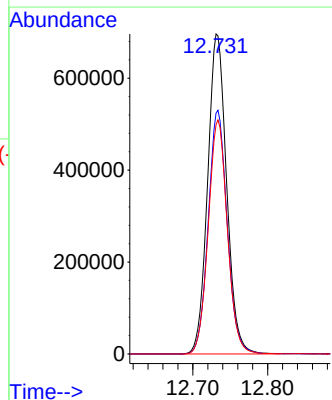
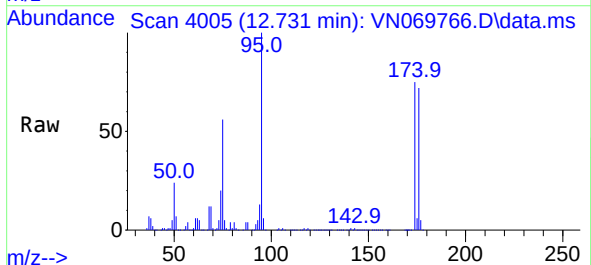
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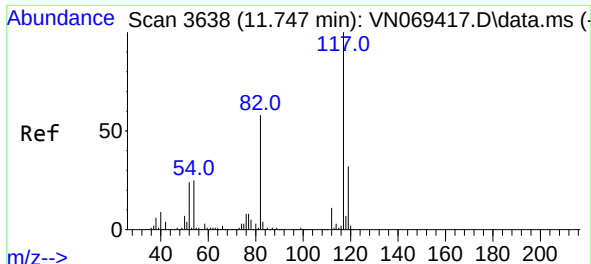
Tgt Ion: 98 Resp: 3303013
Ion Ratio Lower Upper
98 100
100 63.9 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 51.742 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069766.D
Acq: 4 Dec 2021 15:31

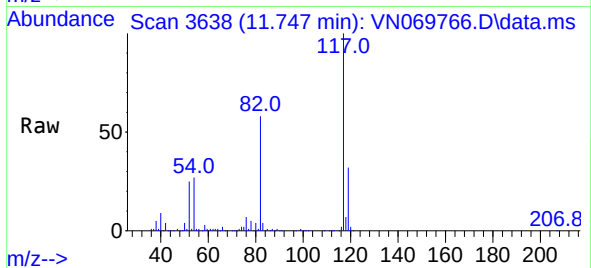
Tgt Ion: 95 Resp: 1228588
Ion Ratio Lower Upper
95 100
174 76.1 0.0 187.2
176 73.5 0.0 181.4





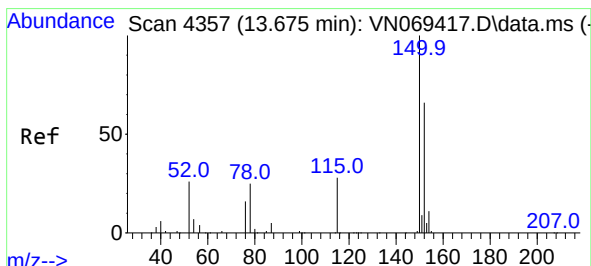
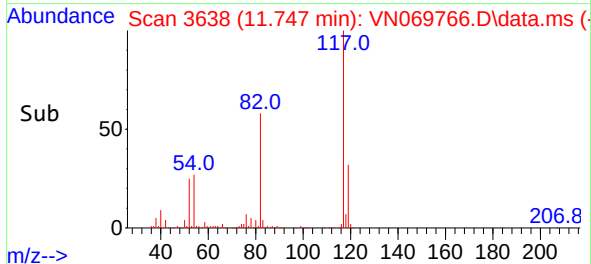
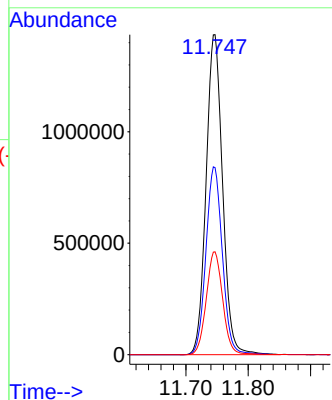
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 30
Delta R.T. 0.001 min
Lab File: VN069766.D
Acq: 4 Dec 2021 15:31

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Tgt Ion:117 Resp: 2637775

Ion	Ratio	Lower	Upper
117	100		
82	58.5	42.4	63.6
119	32.1	25.4	38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.000 min
Lab File: VN069766.D
Acq: 4 Dec 2021 15:31

Tgt Ion:152 Resp: 1008746

Ion	Ratio	Lower	Upper
152	100		
115	60.2	27.5	82.5
150	157.3	0.0	344.4

