

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120321\
 Data File : VN069751.D
 Acq On : 4 Dec 2021 6:04
 Operator : JC/MD
 Sample : M4922-17
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE139D2-20211130

Quant Time: Dec 04 07:09:42 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)

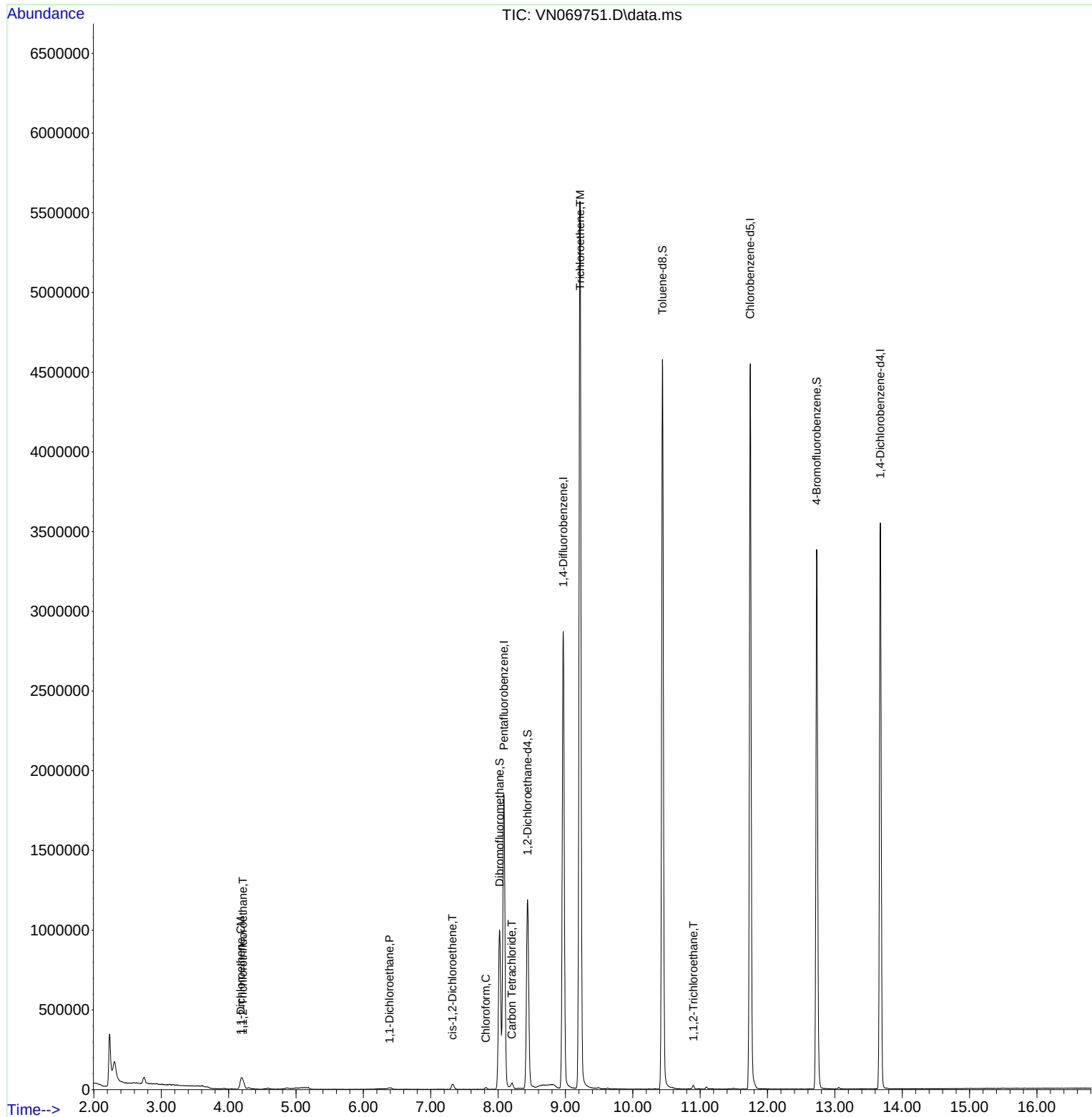
Internal Standards						
1) Pentafluorobenzene	8.086	168	1375989	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2435512	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2509365	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	955550	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	1042812	49.08	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.16%		
35) Dibromofluoromethane	8.024	113	720405	47.22	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.44%		
50) Toluene-d8	10.440	98	3116281	50.87	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.74%		
62) 4-Bromofluorobenzene	12.731	95	1175266	52.96	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	105.92%		
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	4.210	101	28004	2.06	ug/l #	80
12) 1,1-Dichloroethene	4.181	96	27265	2.08	ug/l	90
24) 1,1-Dichloroethane	6.388	63	8538	0.29	ug/l #	87
27) cis-1,2-Dichloroethene	7.324	96	18644	1.08	ug/l	95
30) Chloroform	7.817	83	9412	0.31	ug/l	97
38) Carbon Tetrachloride	8.204	117	22507	0.99	ug/l	98
44) Trichloroethene	9.217	130	1966464	116.26	ug/l	92
55) 1,1,2-Trichloroethane	10.899	97	7298	0.42	ug/l	97

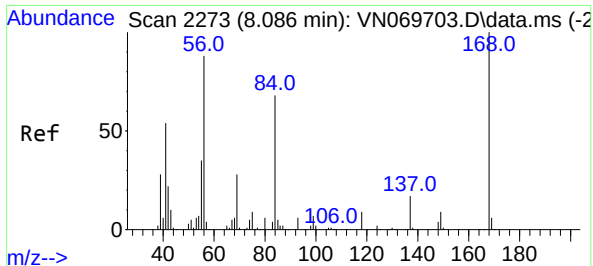
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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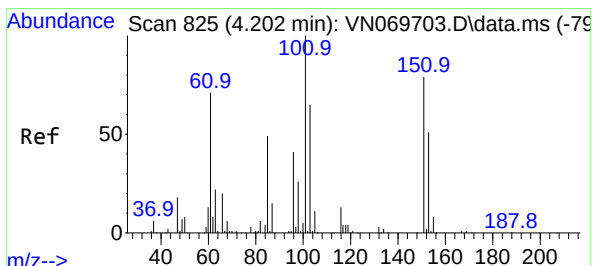
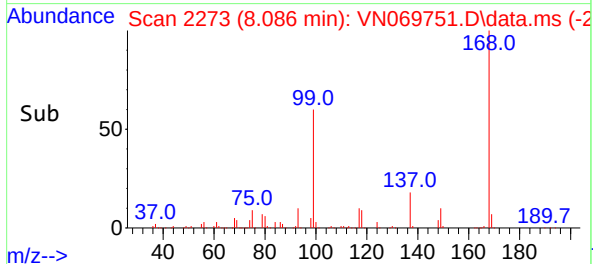
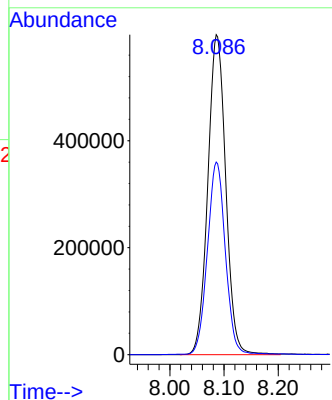
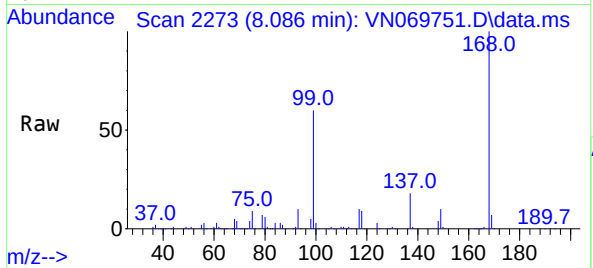




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069751.D
Acq: 4 Dec 2021 6:04

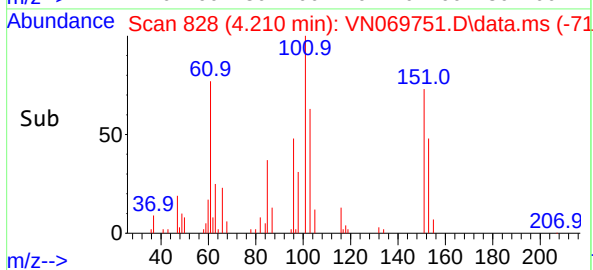
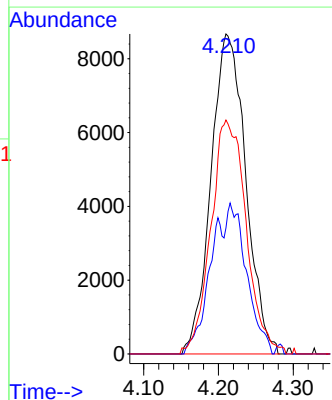
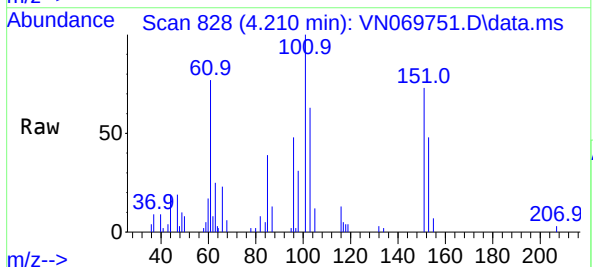
Instrument :
MSVOA_N
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RE139D2-20211130

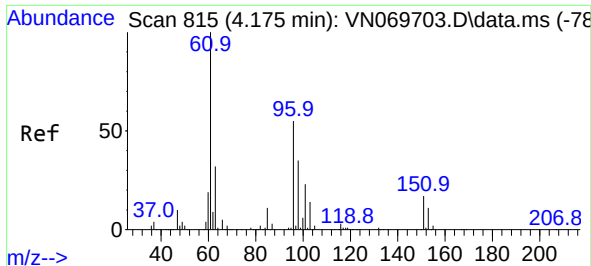
Tgt Ion:168 Resp: 1375989
Ion Ratio Lower Upper
168 100
99 60.1 41.3 61.9



#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.06 ug/l
RT: 4.210 min Scan# 828
Delta R.T. 0.008 min
Lab File: VN069751.D
Acq: 4 Dec 2021 6:04

Tgt Ion:101 Resp: 28004
Ion Ratio Lower Upper
101 100
85 20.1 37.2 55.8#
151 74.3 65.9 98.9

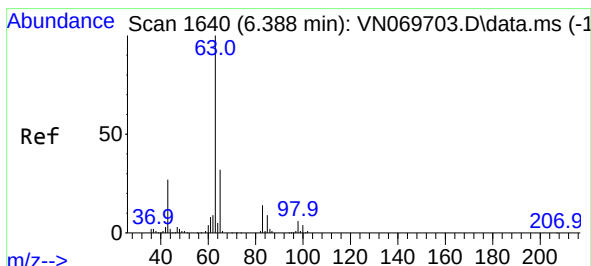
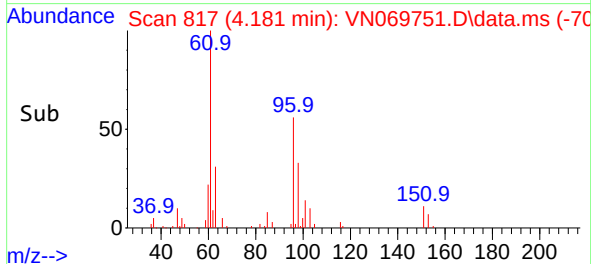
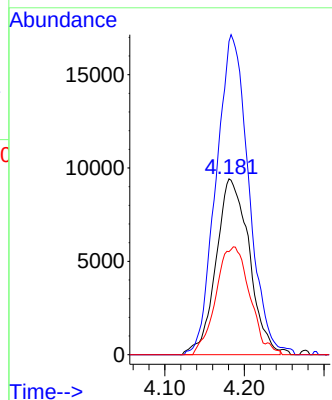
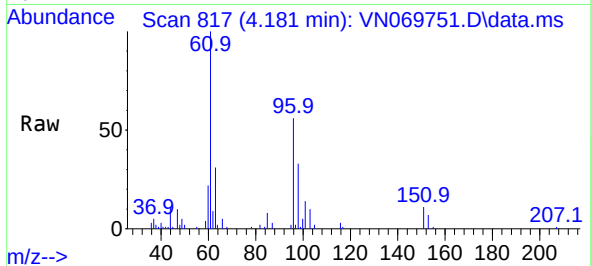




#12
1,1-Dichloroethene
Concen: 2.08 ug/l
RT: 4.181 min Scan# 815
Delta R.T. 0.005 min
Lab File: VN069751.D
Acq: 4 Dec 2021 6:04

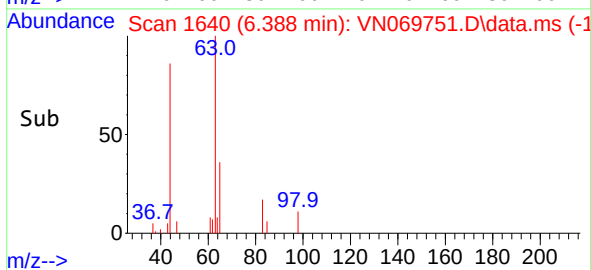
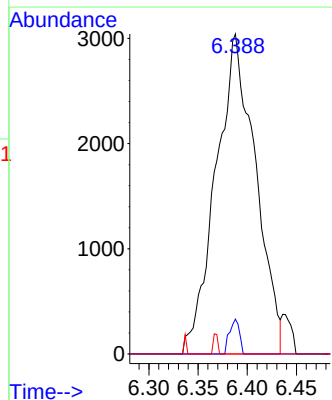
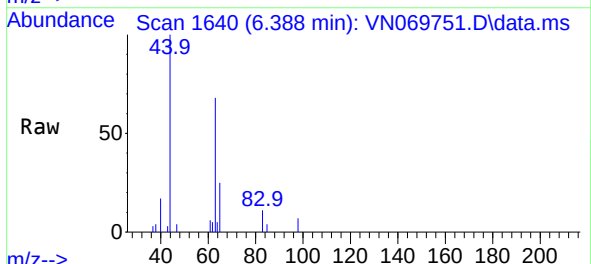
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MSVOA_N
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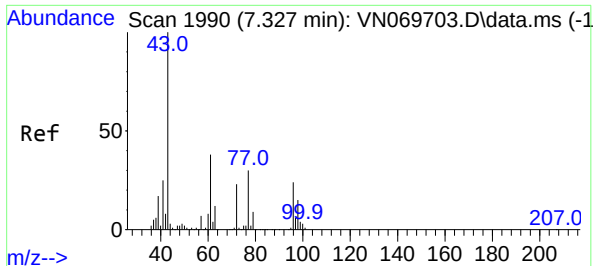
Tgt Ion: 96 Resp: 27265
Ion Ratio Lower Upper
96 100
61 178.2 131.0 196.6
98 58.6 52.4 78.6



#24
1,1-Dichloroethane
Concen: 0.29 ug/l
RT: 6.388 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VN069751.D
Acq: 4 Dec 2021 6:04

Tgt Ion: 63 Resp: 8538
Ion Ratio Lower Upper
63 100
98 10.9 3.3 9.9#
100 0.0 2.1 6.5#

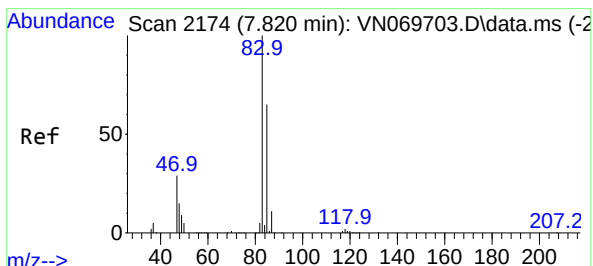
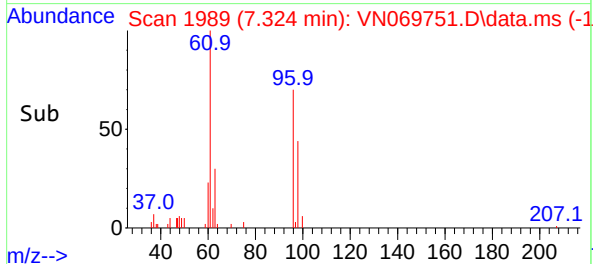
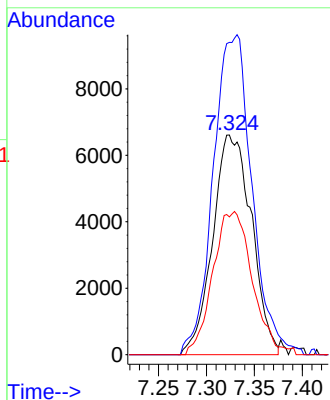
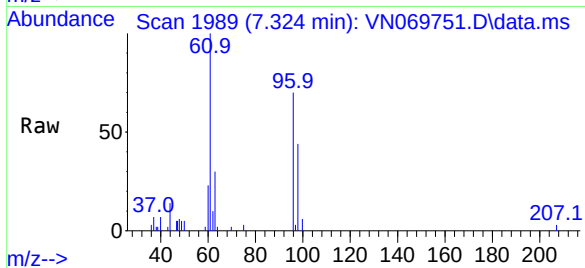




#27
cis-1,2-Dichloroethene
Concen: 1.08 ug/l
RT: 7.324 min Scan# 1990
Delta R.T. -0.003 min
Lab File: VN069751.D
Acq: 4 Dec 2021 6:04

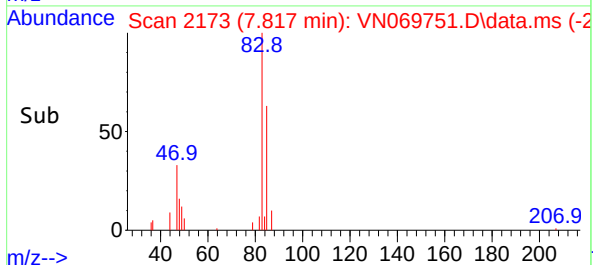
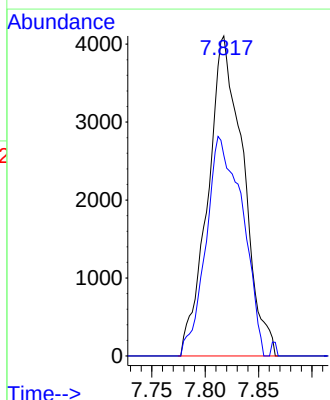
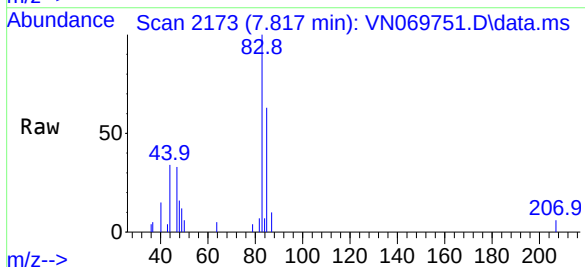
Instrument :
MSVOA_N
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RE139D2-20211130

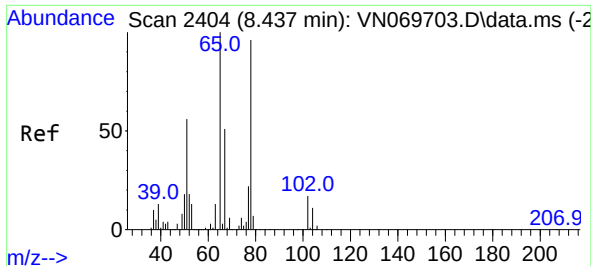
Tgt Ion: 96 Resp: 18644
Ion Ratio Lower Upper
96 100
61 145.2 0.0 275.0
98 66.4 0.0 129.6



#30
Chloroform
Concen: 0.31 ug/l
RT: 7.817 min Scan# 2173
Delta R.T. -0.003 min
Lab File: VN069751.D
Acq: 4 Dec 2021 6:04

Tgt Ion: 83 Resp: 9412
Ion Ratio Lower Upper
83 100
85 62.8 51.9 77.9

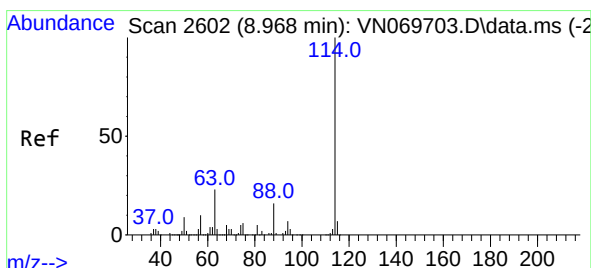
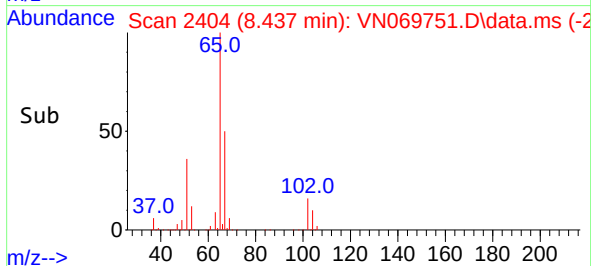
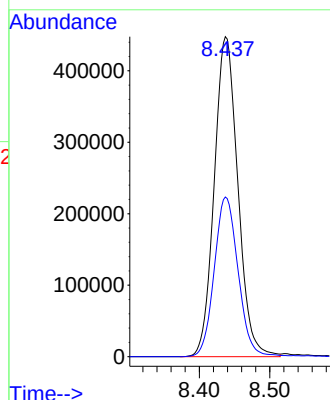
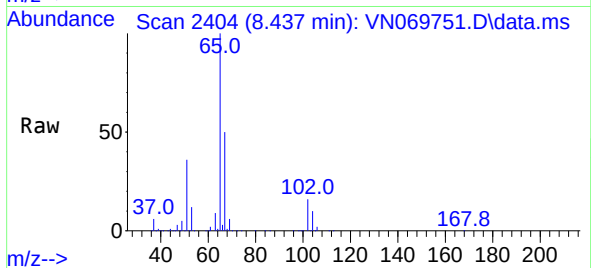




#33
1,2-Dichloroethane-d4
Concen: 49.08 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN069751.D
Acq: 4 Dec 2021 6:04

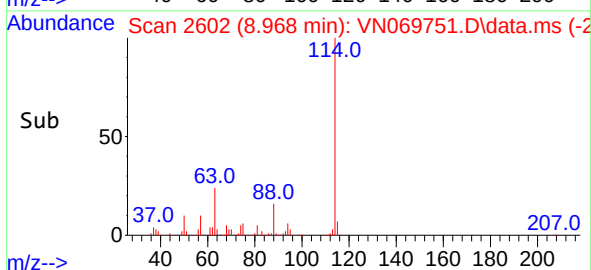
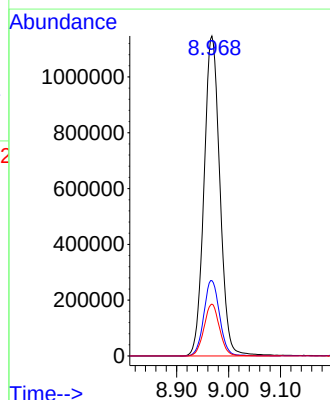
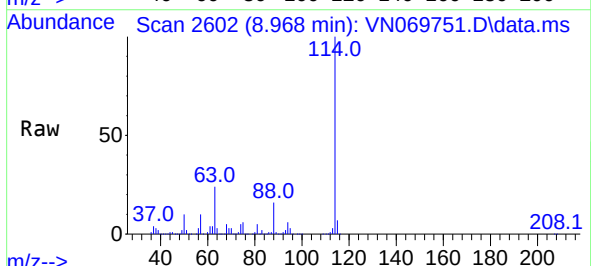
Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20211130

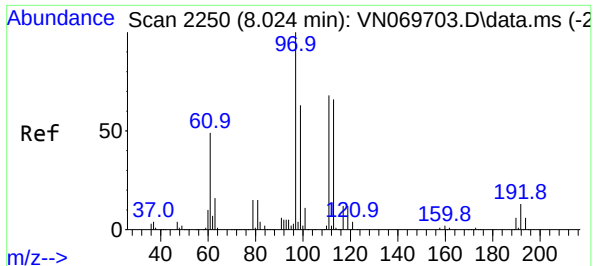
Tgt Ion: 65 Resp: 1042812
Ion Ratio Lower Upper
65 100
67 50.4 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN069751.D
Acq: 4 Dec 2021 6:04

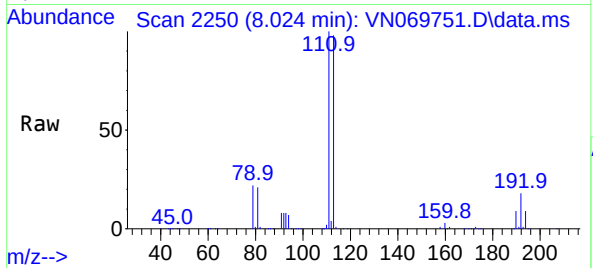
Tgt Ion: 114 Resp: 2435512
Ion Ratio Lower Upper
114 100
63 23.5 0.0 37.8
88 16.2 0.0 27.4



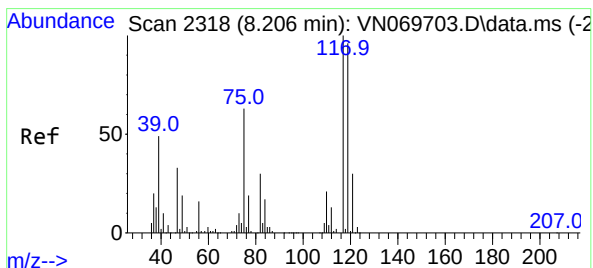
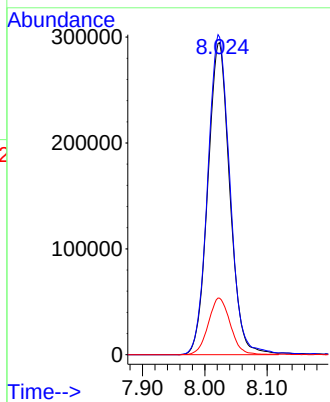
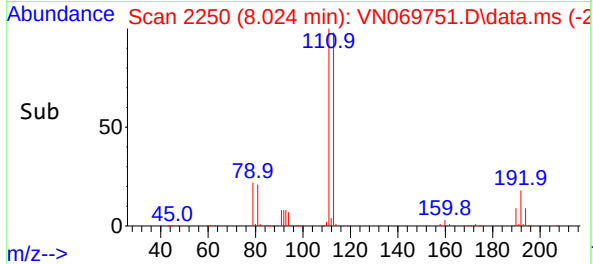


#35
Dibromofluoromethane
Concen: 47.22 ug/l
RT: 8.024 min Scan# 211
Delta R.T. 0.000 min
Lab File: VN069751.D
Acq: 4 Dec 2021 6:04

Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20211130

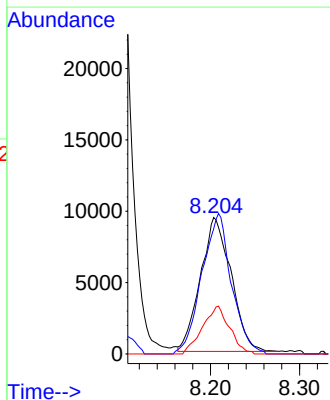
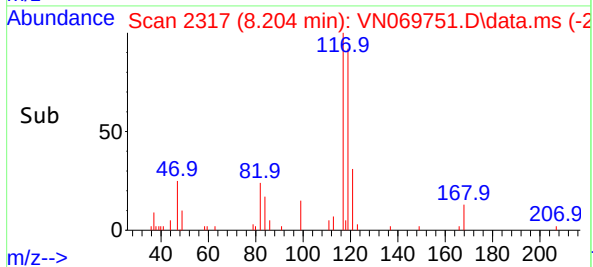
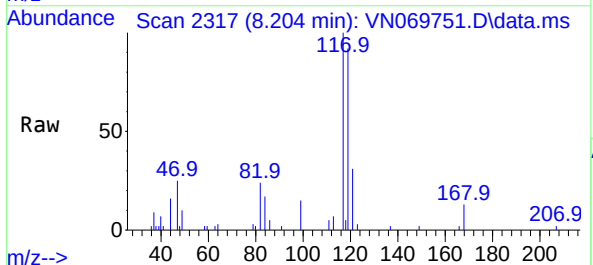


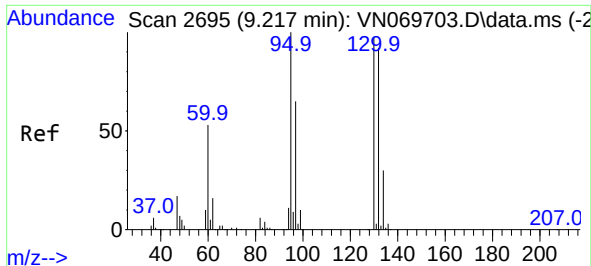
Tgt Ion:113 Resp: 720405
Ion Ratio Lower Upper
113 100
111 103.9 82.2 123.2
192 18.2 16.9 25.3



#38
Carbon Tetrachloride
Concen: 0.99 ug/l
RT: 8.204 min Scan# 2317
Delta R.T. -0.003 min
Lab File: VN069751.D
Acq: 4 Dec 2021 6:04

Tgt Ion:117 Resp: 22507
Ion Ratio Lower Upper
117 100
119 93.5 76.1 114.1
121 31.8 24.2 36.2

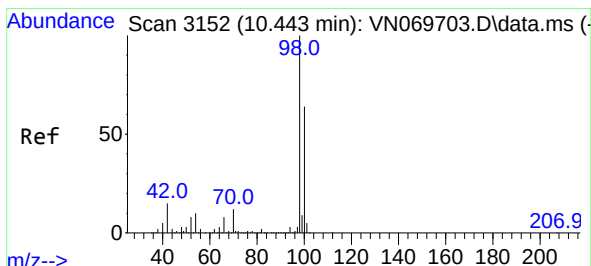
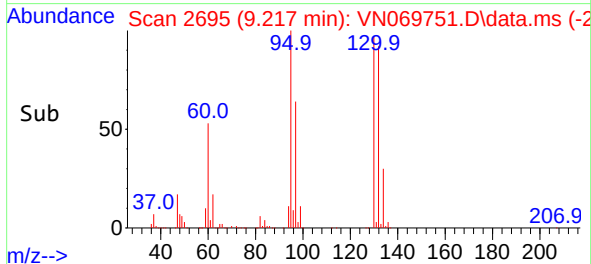
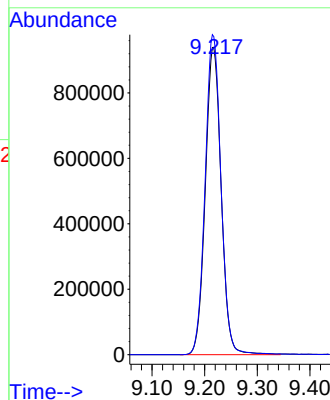
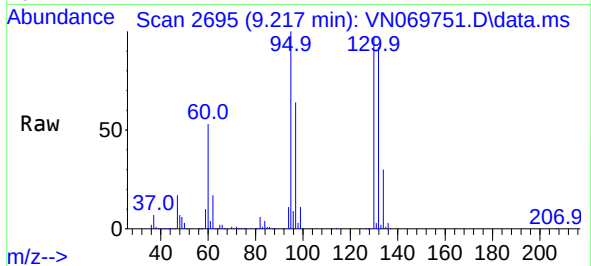




#44
Trichloroethene
Concen: 116.26 ug/l
RT: 9.217 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN069751.D
Acq: 4 Dec 2021 6:04

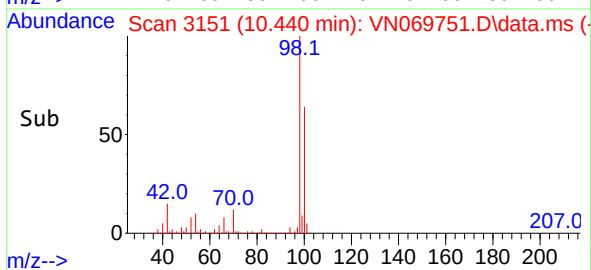
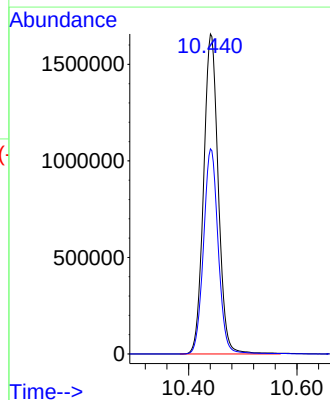
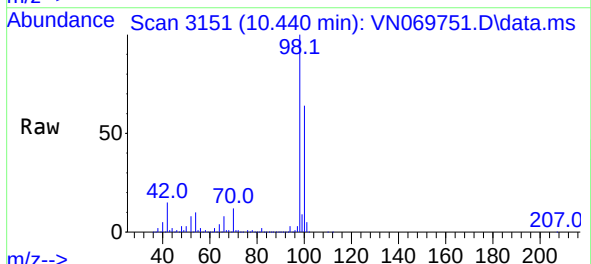
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MSVOA_N
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RE139D2-20211130

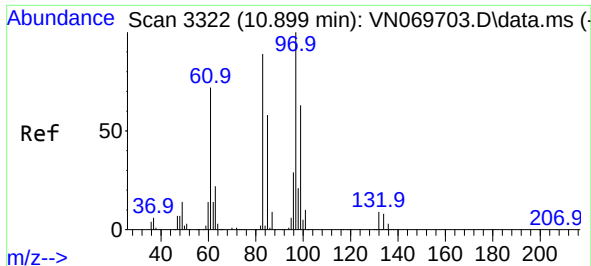
Tgt Ion:130 Resp: 1966464
Ion Ratio Lower Upper
130 100
95 103.5 0.0 191.2



#50
Toluene-d8
Concen: 50.87 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN069751.D
Acq: 4 Dec 2021 6:04

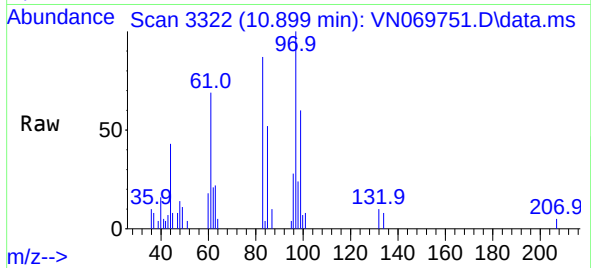
Tgt Ion: 98 Resp: 3116281
Ion Ratio Lower Upper
98 100
100 64.1 50.4 75.6





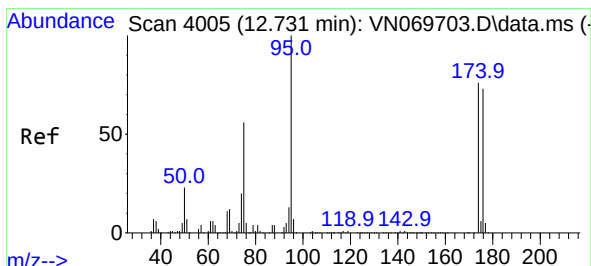
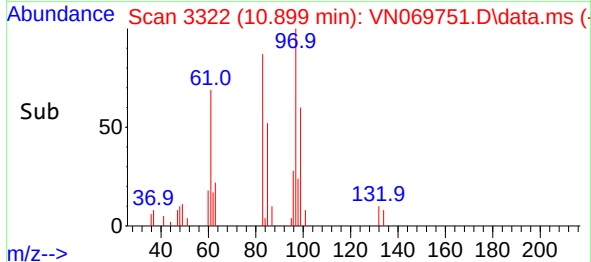
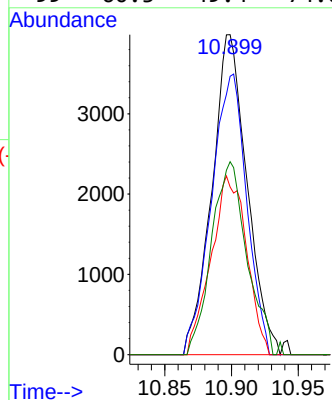
#55
1,1,2-Trichloroethane
Concen: 0.42 ug/l
RT: 10.899 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069751.D
Acq: 4 Dec 2021 6:04

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 97 Resp: 7298

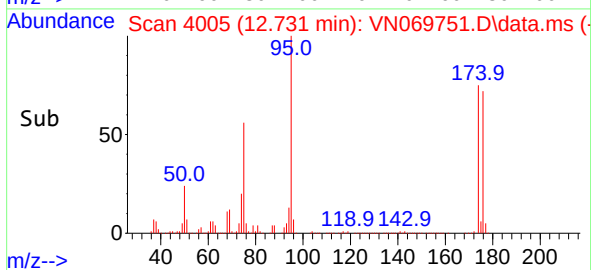
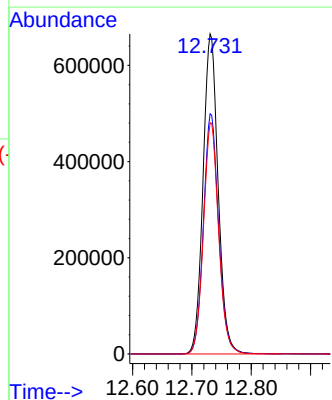
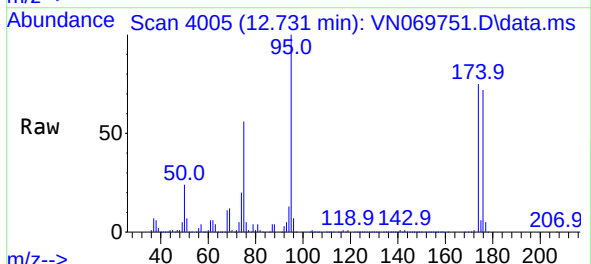
Ion	Ratio	Lower	Upper
97	100		
83	87.0	67.8	101.6
85	52.4	45.4	68.2
99	60.3	49.4	74.0

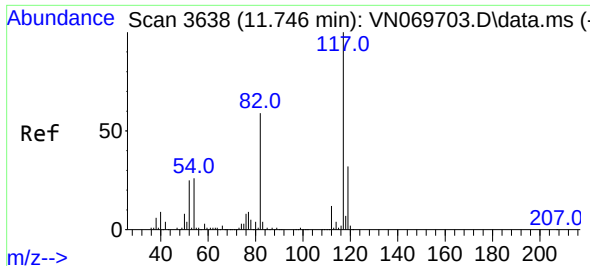


#62
4-Bromofluorobenzene
Concen: 52.96 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069751.D
Acq: 4 Dec 2021 6:04

Tgt Ion: 95 Resp: 1175266

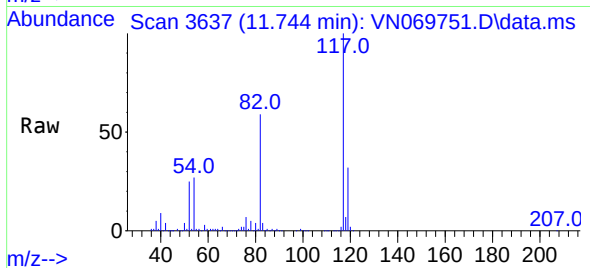
Ion	Ratio	Lower	Upper
95	100		
174	75.7	0.0	187.2
176	72.4	0.0	181.4





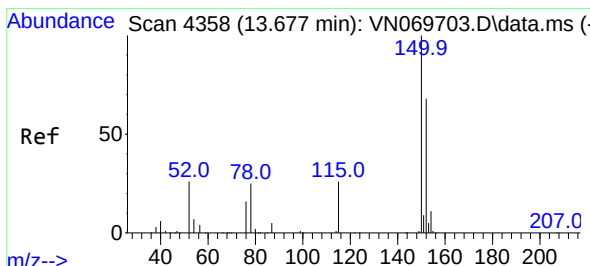
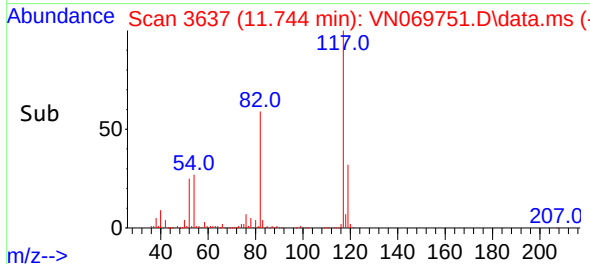
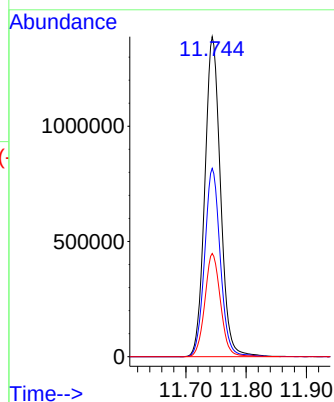
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.002 min
Lab File: VN069751.D
Acq: 4 Dec 2021 6:04

Instrument :
MSVOA_N
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RE139D2-20211130



Tgt Ion:117 Resp: 2509365

Ion	Ratio	Lower	Upper
117	100		
82	58.9	42.4	63.6
119	32.3	25.4	38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN069751.D
Acq: 4 Dec 2021 6:04

Tgt Ion:152 Resp: 955550

Ion	Ratio	Lower	Upper
152	100		
115	60.6	27.5	82.5
150	157.7	0.0	344.4

