

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120821\
 Data File : VN069864.D
 Acq On : 8 Dec 2021 16:29
 Operator : JC/MD
 Sample : M4956-19
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP07-20211205

Quant Time: Dec 09 11:41:42 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)

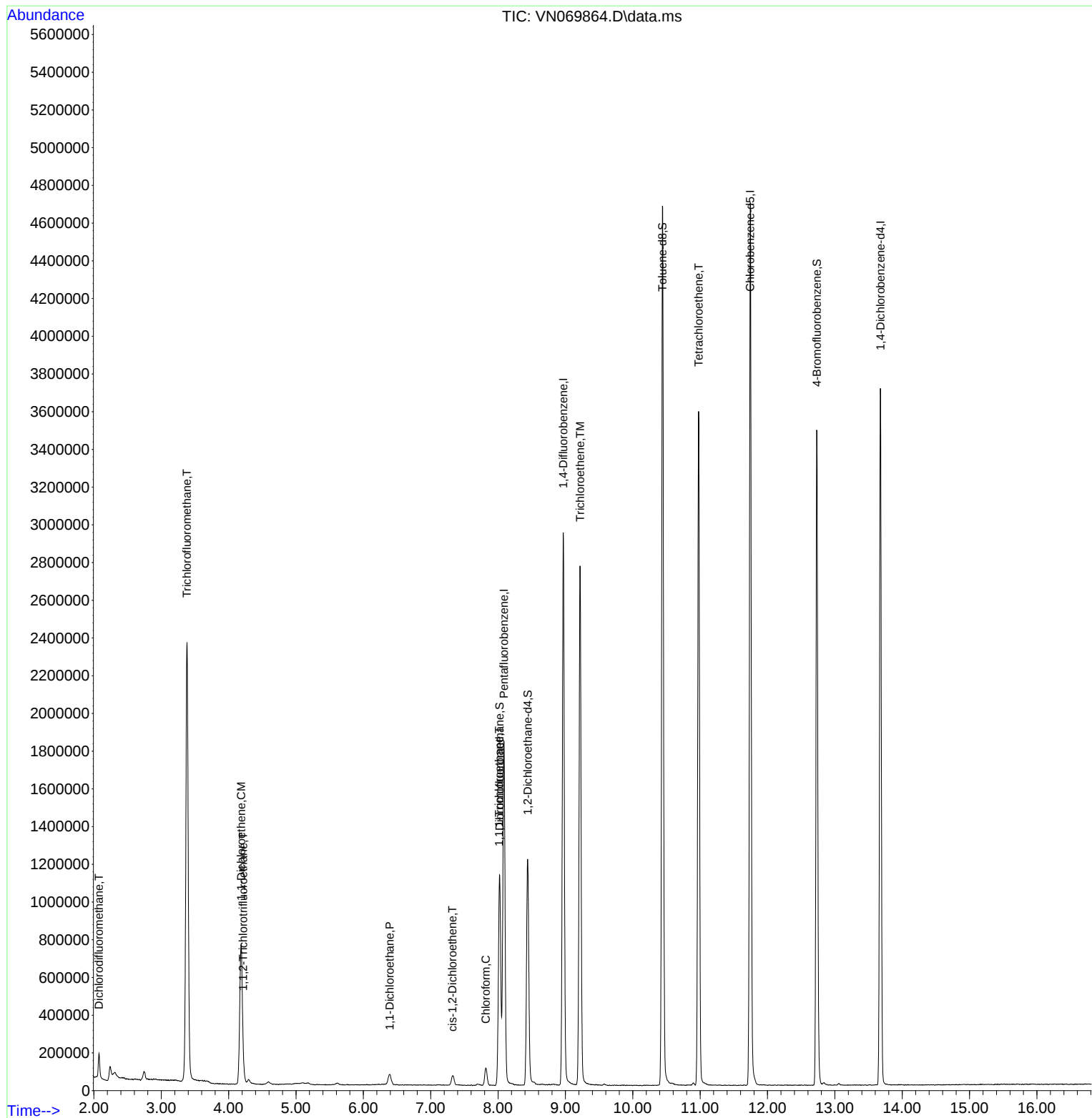
Internal Standards						
1) Pentafluorobenzene	8.088	168	1344855	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2433880	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2631401	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	985293	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	1050874	50.61	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	101.22%		
35) Dibromofluoromethane	8.021	113	733707	48.13	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.26%		
50) Toluene-d8	10.440	98	3158466	51.60	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	103.20%		
62) 4-Bromofluorobenzene	12.733	95	1221217	55.07	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	110.14%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.075	85	105402	6.72	ug/l	98
7) Trichlorofluoromethane	3.381	101	2428457	102.40	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.213	101	25051	1.88	ug/l #	63
12) 1,1-Dichloroethene	4.186	96	394723	30.81	ug/l	90
24) 1,1-Dichloroethane	6.391	63	78928	2.70	ug/l	99
27) cis-1,2-Dichloroethene	7.324	96	29458	1.75	ug/l	94
30) Chloroform	7.817	83	90455	3.06	ug/l	99
32) 1,1,1-Trichloroethane	8.016	97	89759	3.57	ug/l #	93
44) Trichloroethene	9.217	130	957315	56.63	ug/l	90
64) Tetrachloroethene	10.977	164	799248	44.79	ug/l	95

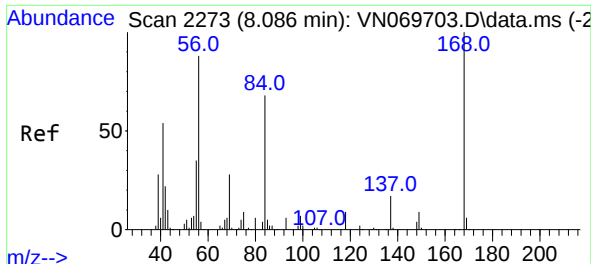
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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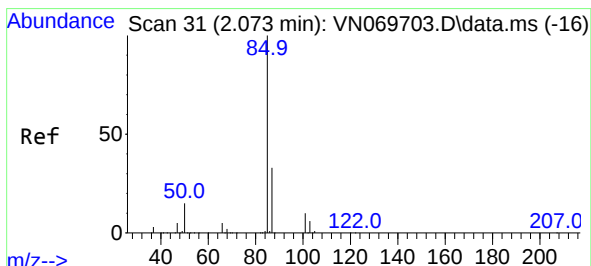
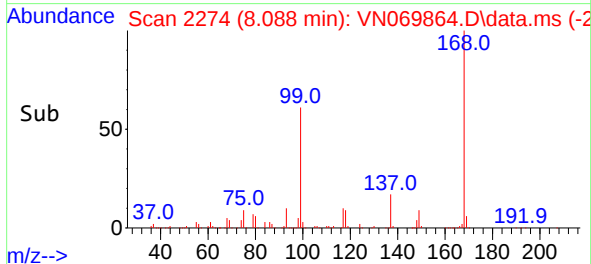
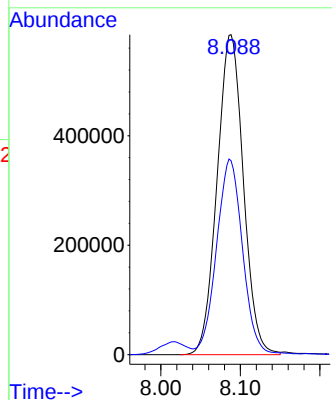
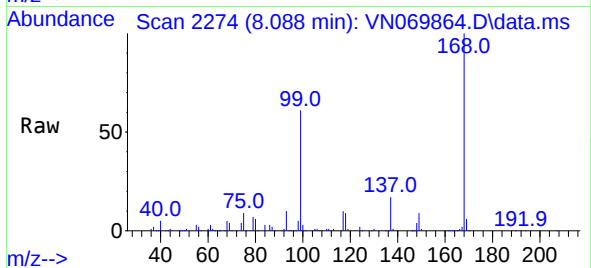




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069864.D
Acq: 8 Dec 2021 16:29

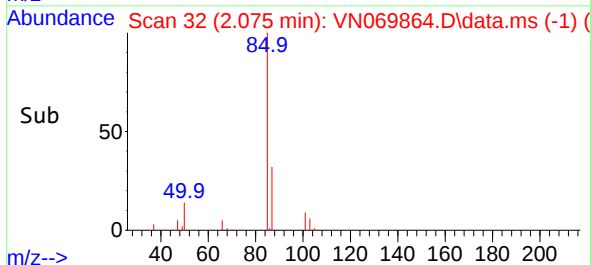
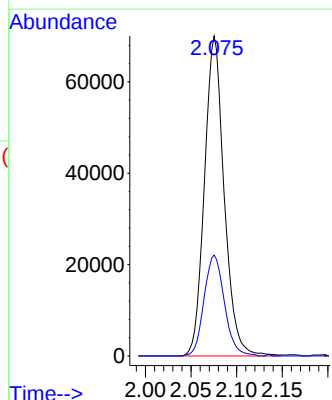
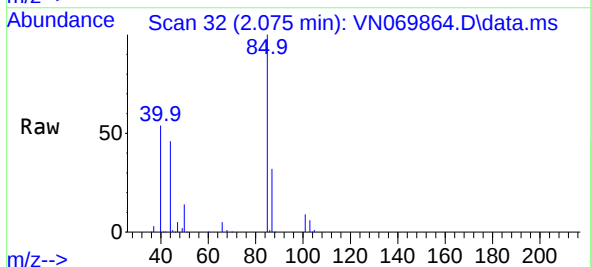
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DUP07-20211205

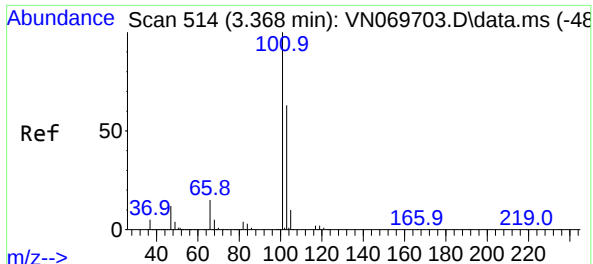
Tgt Ion:168 Resp: 1344855
Ion Ratio Lower Upper
168 100
99 60.0 41.3 61.9



#2
Dichlorodifluoromethane
Concen: 6.72 ug/l
RT: 2.075 min Scan# 32
Delta R.T. 0.003 min
Lab File: VN069864.D
Acq: 8 Dec 2021 16:29

Tgt Ion: 85 Resp: 105402
Ion Ratio Lower Upper
85 100
87 31.6 16.3 48.9

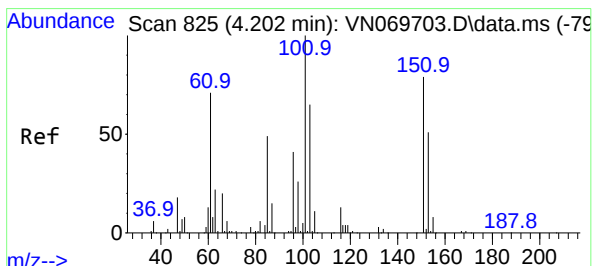
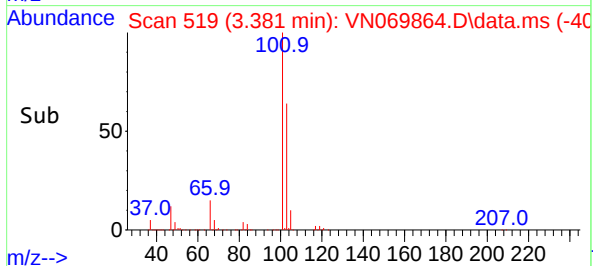
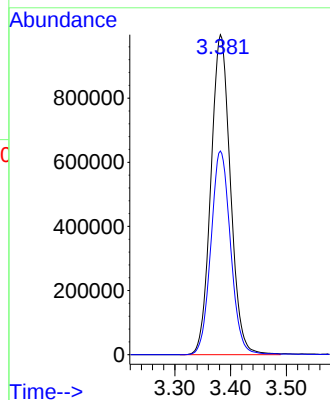
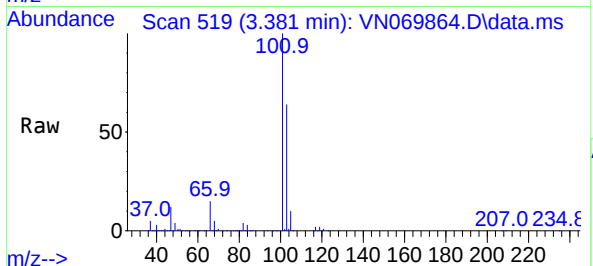




#7
 Trichlorofluoromethane
 Concen: 102.40 ug/l
 RT: 3.381 min Scan# 514
 Delta R.T. 0.014 min
 Lab File: VN069864.D
 Acq: 8 Dec 2021 16:29

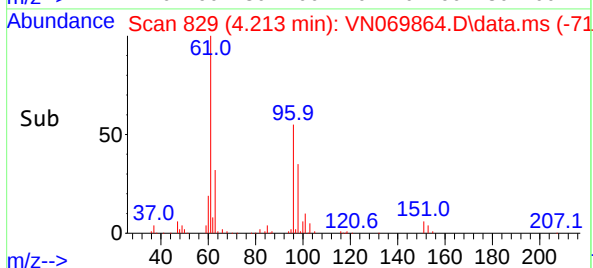
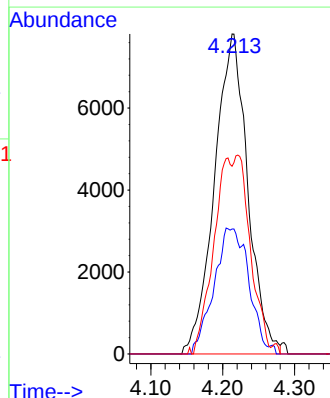
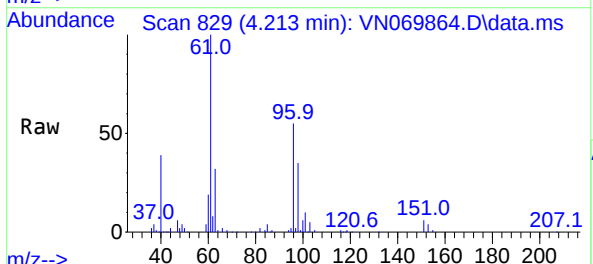
Instrument :
 MSVOA_N
 ClientSampleId :
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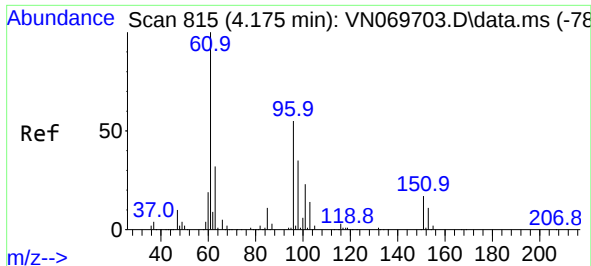
Tgt Ion:101 Resp: 2428457
 Ion Ratio Lower Upper
 101 100
 103 63.6 50.1 75.1



#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 1.88 ug/l
 RT: 4.213 min Scan# 829
 Delta R.T. 0.011 min
 Lab File: VN069864.D
 Acq: 8 Dec 2021 16:29

Tgt Ion:101 Resp: 25051
 Ion Ratio Lower Upper
 101 100
 85 41.2 37.2 55.8
 151 34.5 65.9 98.9#

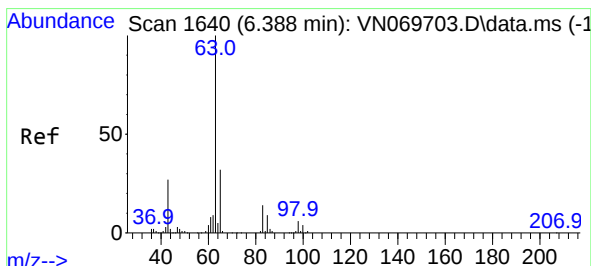
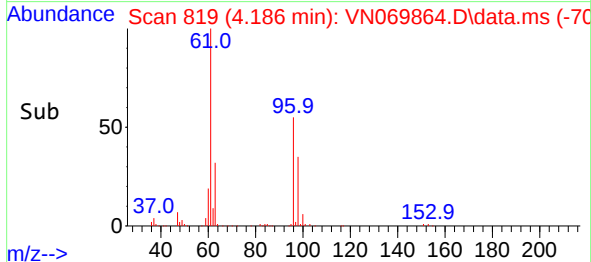
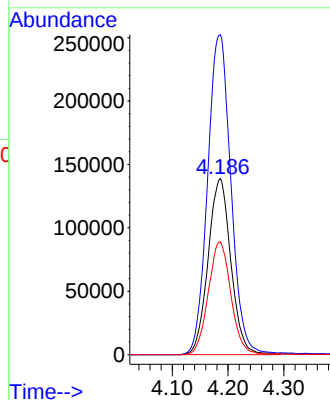
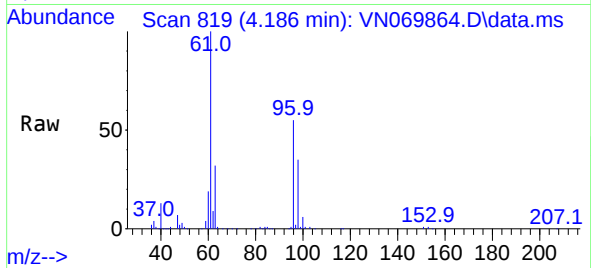




#12
1,1-Dichloroethene
Concen: 30.81 ug/l
RT: 4.186 min Scan# 815
Delta R.T. 0.011 min
Lab File: VN069864.D
Acq: 8 Dec 2021 16:29

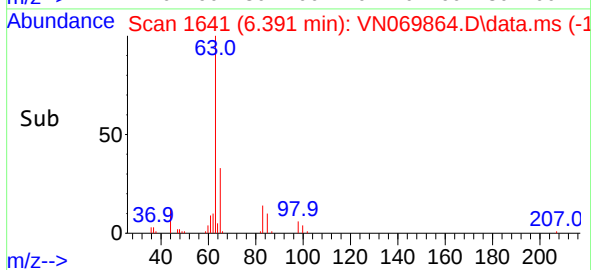
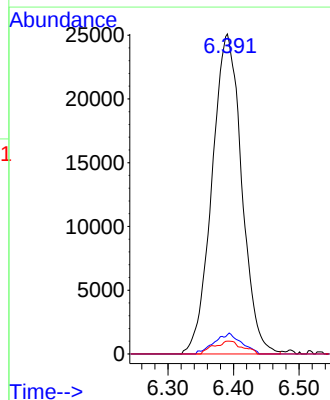
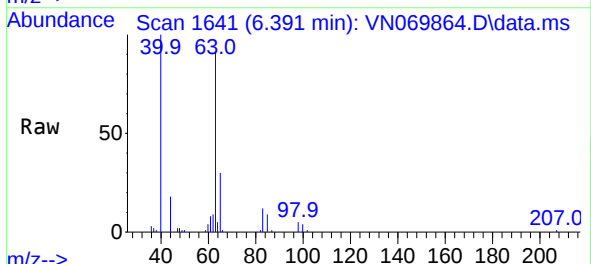
Instrument :
MSVOA_N
ClientSampleId :
DUP07-20211205

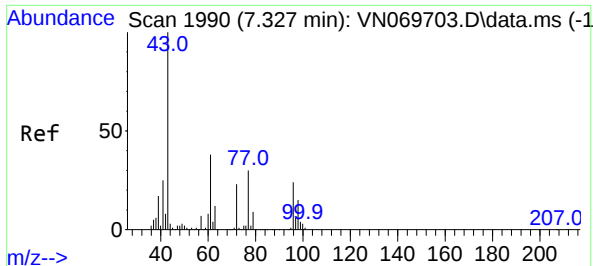
Tgt Ion: 96 Resp: 394723
Ion Ratio Lower Upper
96 100
61 181.6 131.0 196.6
98 64.1 52.4 78.6



#24
1,1-Dichloroethane
Concen: 2.70 ug/l
RT: 6.391 min Scan# 1641
Delta R.T. 0.003 min
Lab File: VN069864.D
Acq: 8 Dec 2021 16:29

Tgt Ion: 63 Resp: 78928
Ion Ratio Lower Upper
63 100
98 6.0 3.3 9.9
100 4.0 2.1 6.5

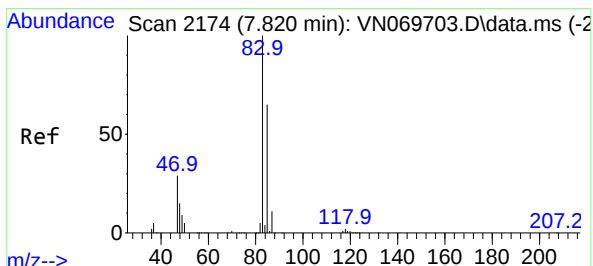
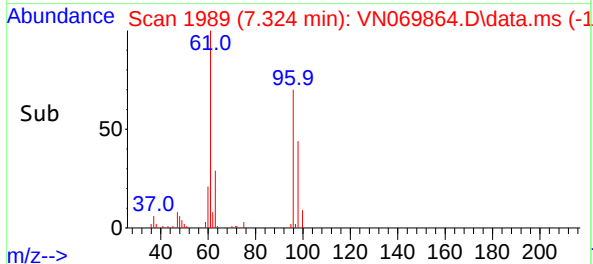
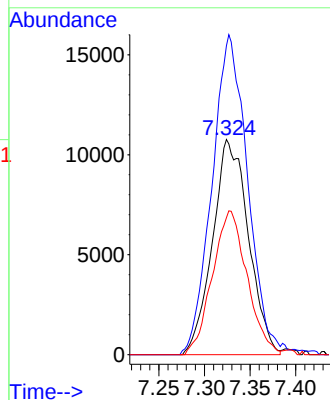
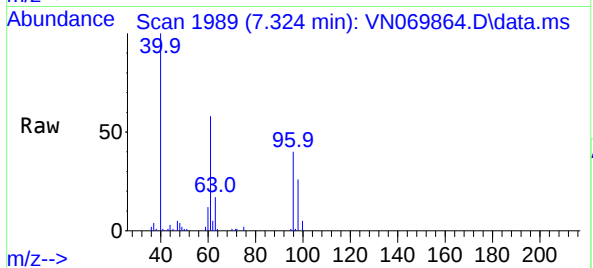




#27
 cis-1,2-Dichloroethene
 Concen: 1.75 ug/l
 RT: 7.324 min Scan# 1990
 Delta R.T. -0.003 min
 Lab File: VN069864.D
 Acq: 8 Dec 2021 16:29

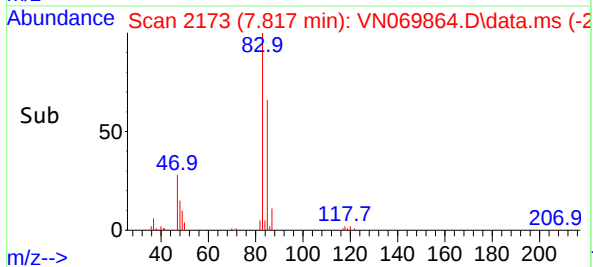
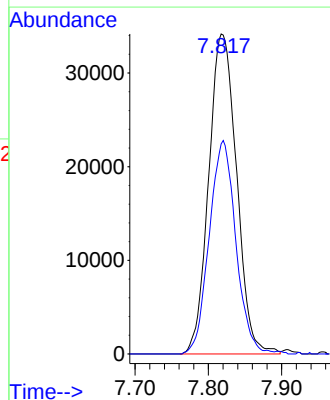
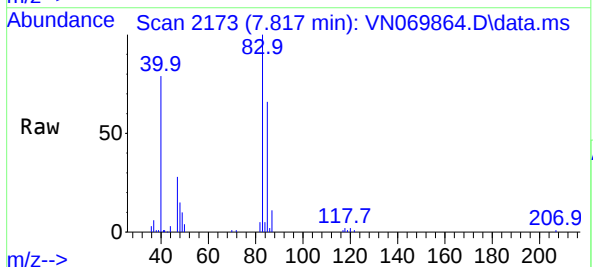
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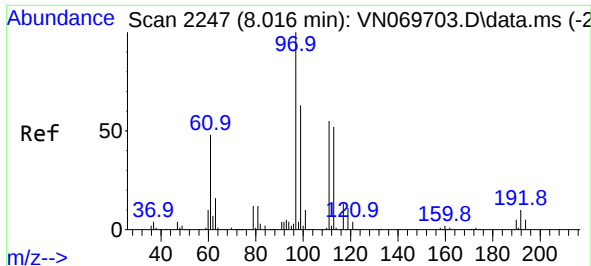
Tgt Ion: 96 Resp: 29458
 Ion Ratio Lower Upper
 96 100
 61 147.7 0.0 275.0
 98 64.6 0.0 129.6



#30
 Chloroform
 Concen: 3.06 ug/l
 RT: 7.817 min Scan# 2173
 Delta R.T. -0.003 min
 Lab File: VN069864.D
 Acq: 8 Dec 2021 16:29

Tgt Ion: 83 Resp: 90455
 Ion Ratio Lower Upper
 83 100
 85 65.7 51.9 77.9

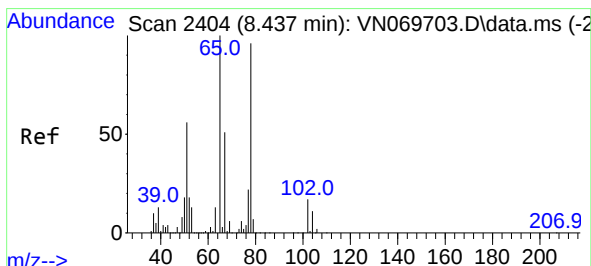
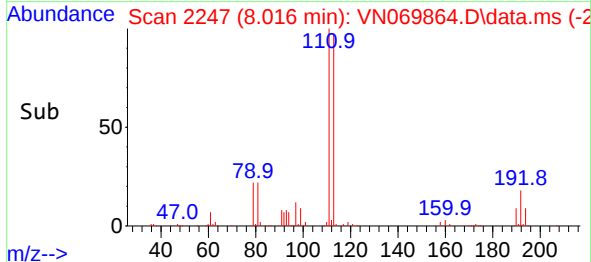
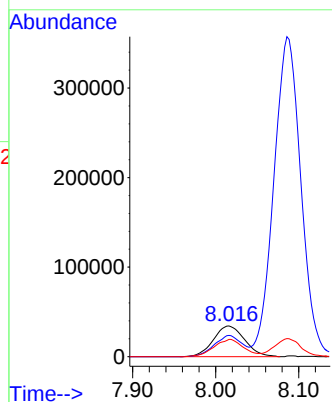
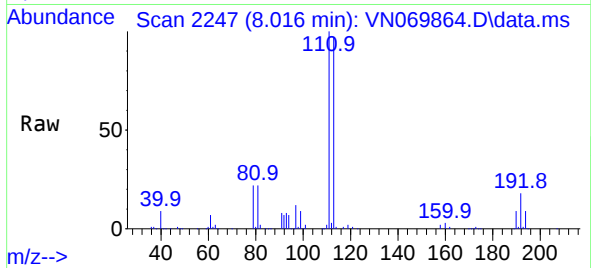




#32
1,1,1-Trichloroethane
Concen: 3.57 ug/l
RT: 8.016 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN069864.D
Acq: 8 Dec 2021 16:29

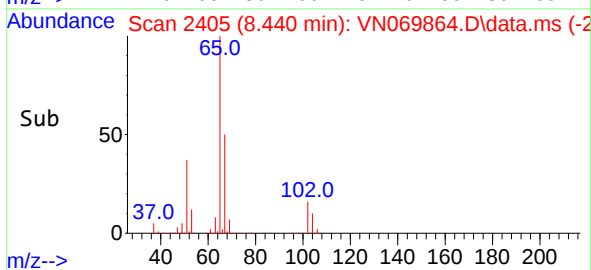
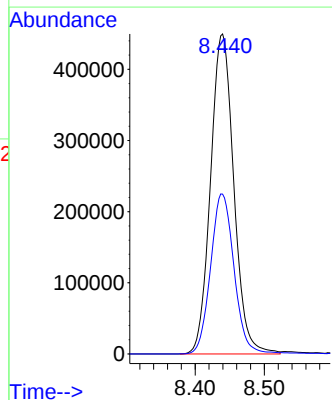
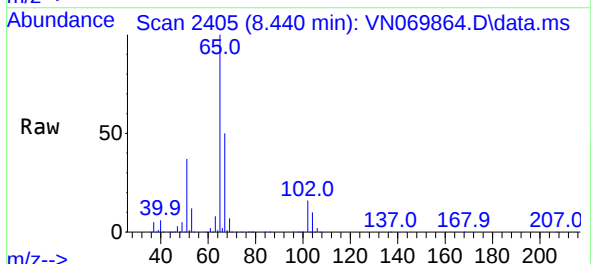
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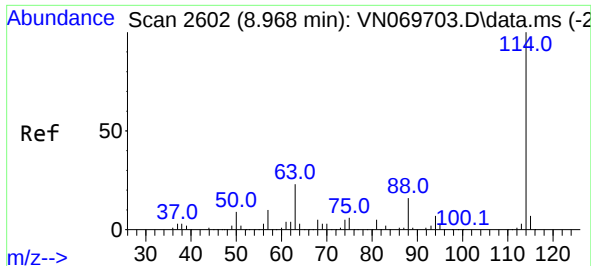
Tgt Ion: 97 Resp: 89759
Ion Ratio Lower Upper
97 100
99 61.3 50.1 75.1
61 53.7 35.2 52.8#



#33
1,2-Dichloroethane-d4
Concen: 50.61 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN069864.D
Acq: 8 Dec 2021 16:29

Tgt Ion: 65 Resp: 1050874
Ion Ratio Lower Upper
65 100
67 50.5 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.968 min Scan# 2

Delta R.T. -0.000 min

Lab File: VN069864.D

Acq: 8 Dec 2021 16:29

Instrument :

MSVOA_N

ClientSampleId :

DUP07-20211205

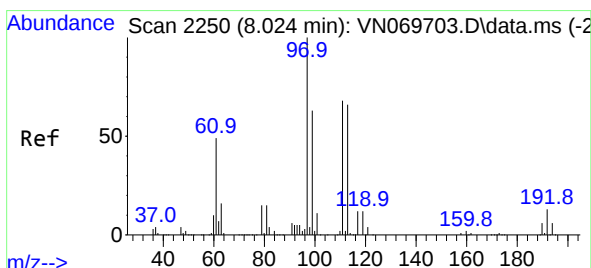
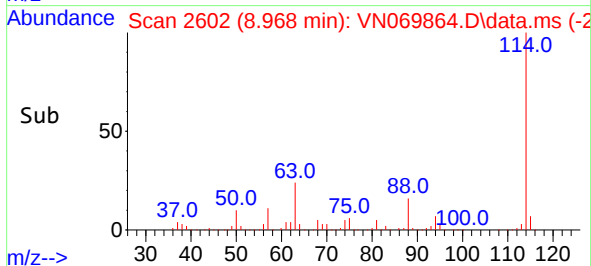
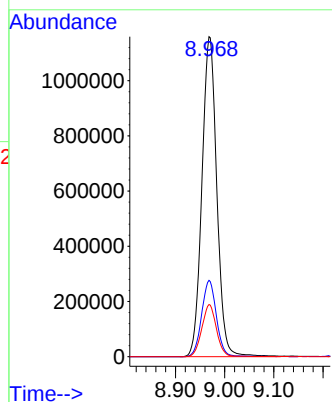
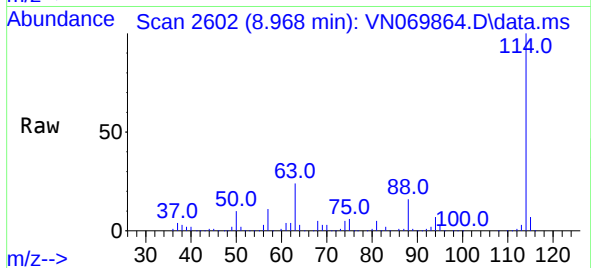
Tgt Ion:114 Resp: 2433880

Ion Ratio Lower Upper

114 100

63 23.9 0.0 37.8

88 16.3 0.0 27.4



#35

Dibromofluoromethane

Concen: 48.13 ug/l

RT: 8.021 min Scan# 2249

Delta R.T. -0.003 min

Lab File: VN069864.D

Acq: 8 Dec 2021 16:29

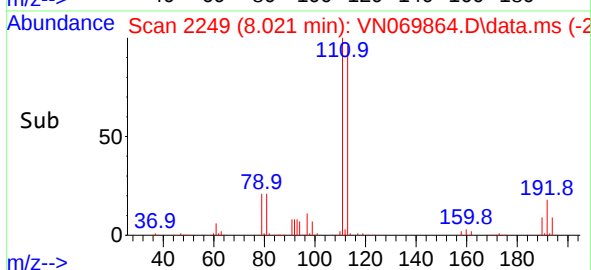
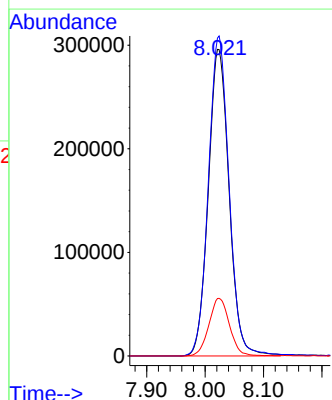
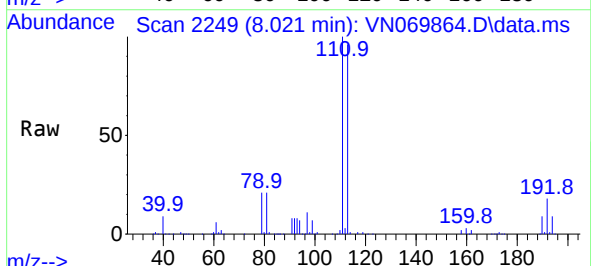
Tgt Ion:113 Resp: 733707

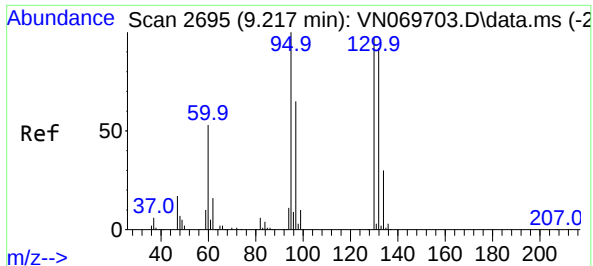
Ion Ratio Lower Upper

113 100

111 103.4 82.2 123.2

192 18.6 16.9 25.3

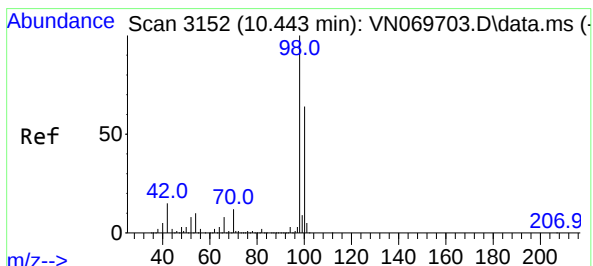
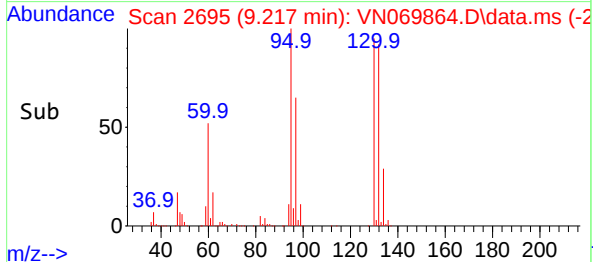
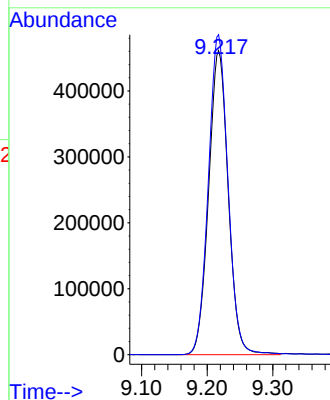
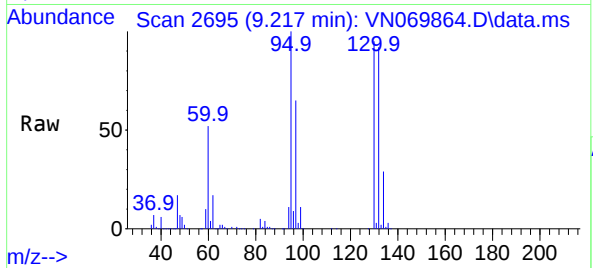




#44
Trichloroethene
Concen: 56.63 ug/l
RT: 9.217 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN069864.D
Acq: 8 Dec 2021 16:29

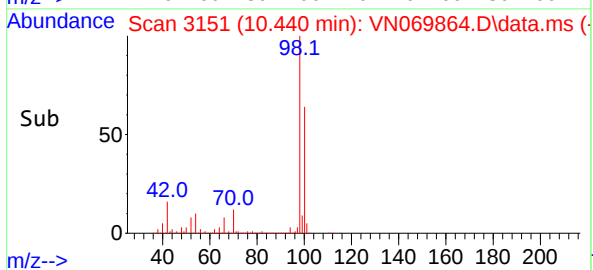
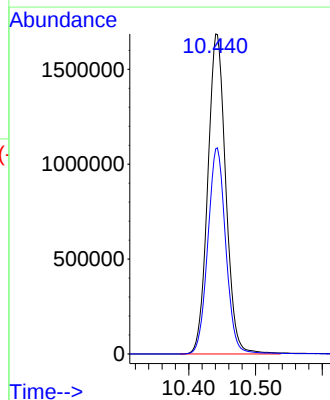
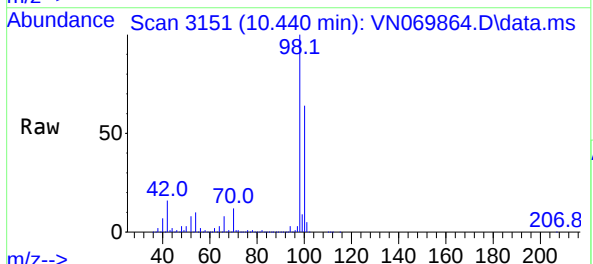
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DUP07-20211205

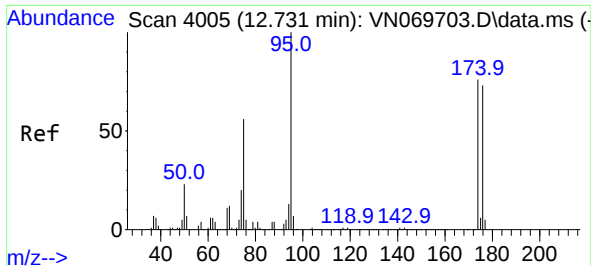
Tgt Ion:130 Resp: 957315
Ion Ratio Lower Upper
130 100
95 105.2 0.0 191.2



#50
Toluene-d8
Concen: 51.60 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN069864.D
Acq: 8 Dec 2021 16:29

Tgt Ion: 98 Resp: 3158466
Ion Ratio Lower Upper
98 100
100 64.3 50.4 75.6

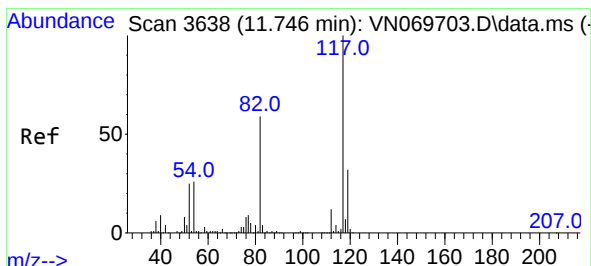
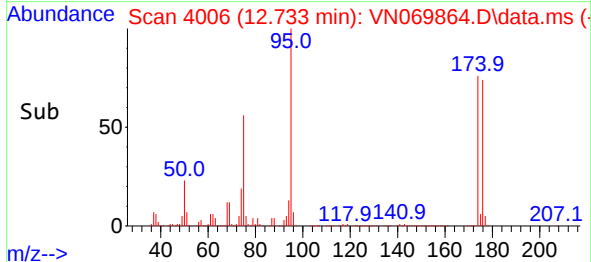
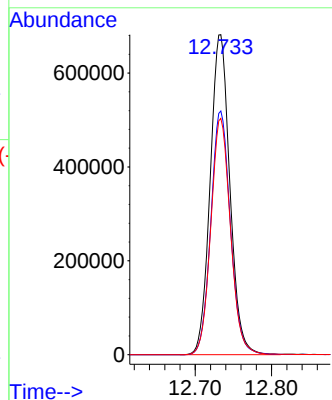
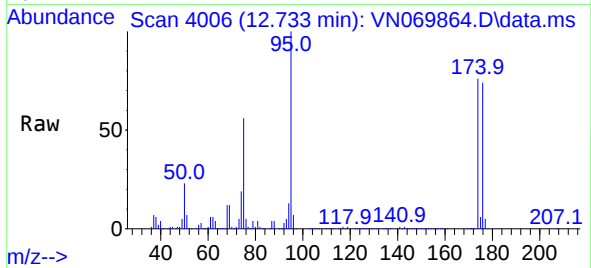




#62
4-Bromofluorobenzene
Concen: 55.07 ug/l
RT: 12.733 min Scan# 4005
Delta R.T. 0.002 min
Lab File: VN069864.D
Acq: 8 Dec 2021 16:29

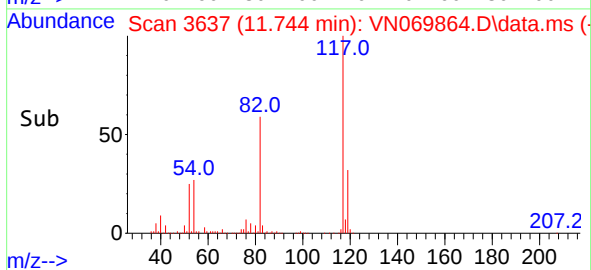
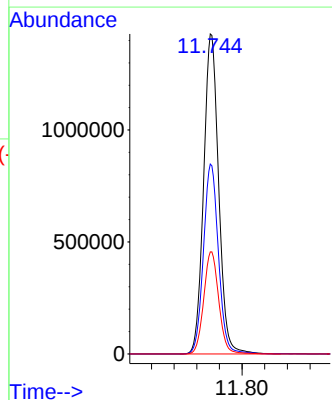
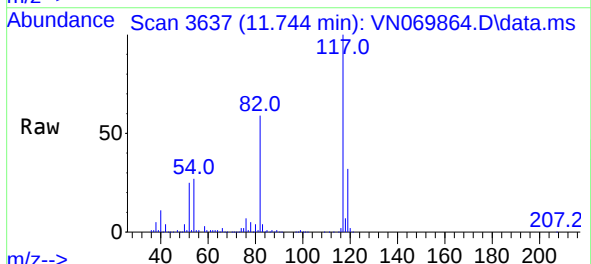
Instrument :
MSVOA_N
ClientSampleId :
DUP07-20211205

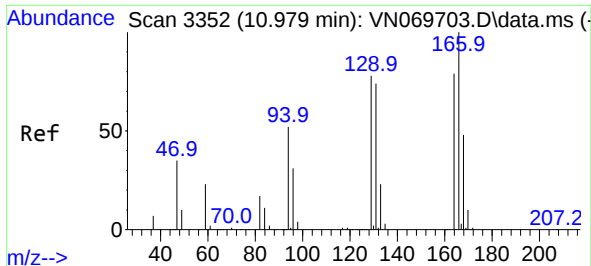
Tgt Ion: 95 Resp: 1221217
Ion Ratio Lower Upper
95 100
174 76.0 0.0 187.2
176 73.6 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN069864.D
Acq: 8 Dec 2021 16:29

Tgt Ion: 117 Resp: 2631401
Ion Ratio Lower Upper
117 100
82 59.3 42.4 63.6
119 31.9 25.4 38.2

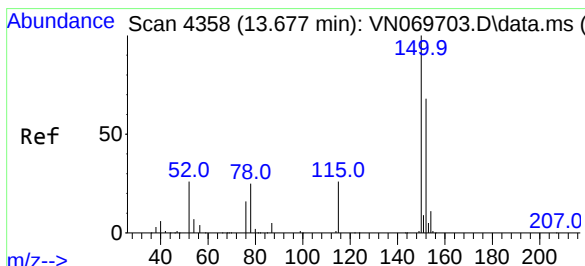
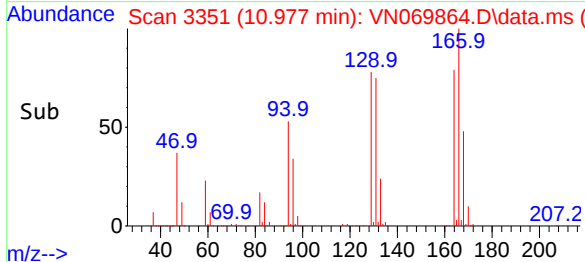
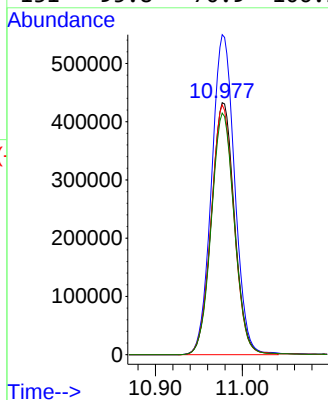
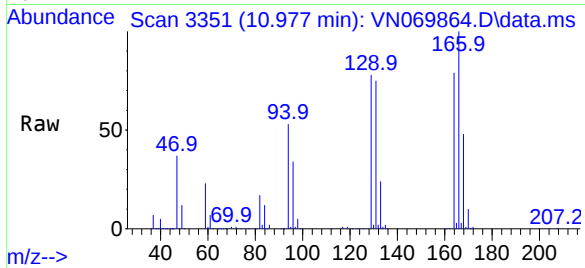




#64
Tetrachloroethene
Concen: 44.79 ug/l
RT: 10.977 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN069864.D
Acq: 8 Dec 2021 16:29

Instrument :
MSVOA_N
ClientSampleId :
DUP07-20211205

Tgt Ion:164 Resp: 799248
Ion Ratio Lower Upper
164 100
166 127.0 101.9 152.9
129 99.1 72.0 108.0
131 95.8 70.9 106.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.000 min
Lab File: VN069864.D
Acq: 8 Dec 2021 16:29

Tgt Ion:152 Resp: 985293
Ion Ratio Lower Upper
152 100
115 61.0 27.5 82.5
150 158.7 0.0 344.4

