

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120821\
 Data File : VN069865.D
 Acq On : 8 Dec 2021 16:55
 Operator : JC/MD
 Sample : M4957-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE114D2-20211206

Quant Time: Dec 09 11:42:13 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)

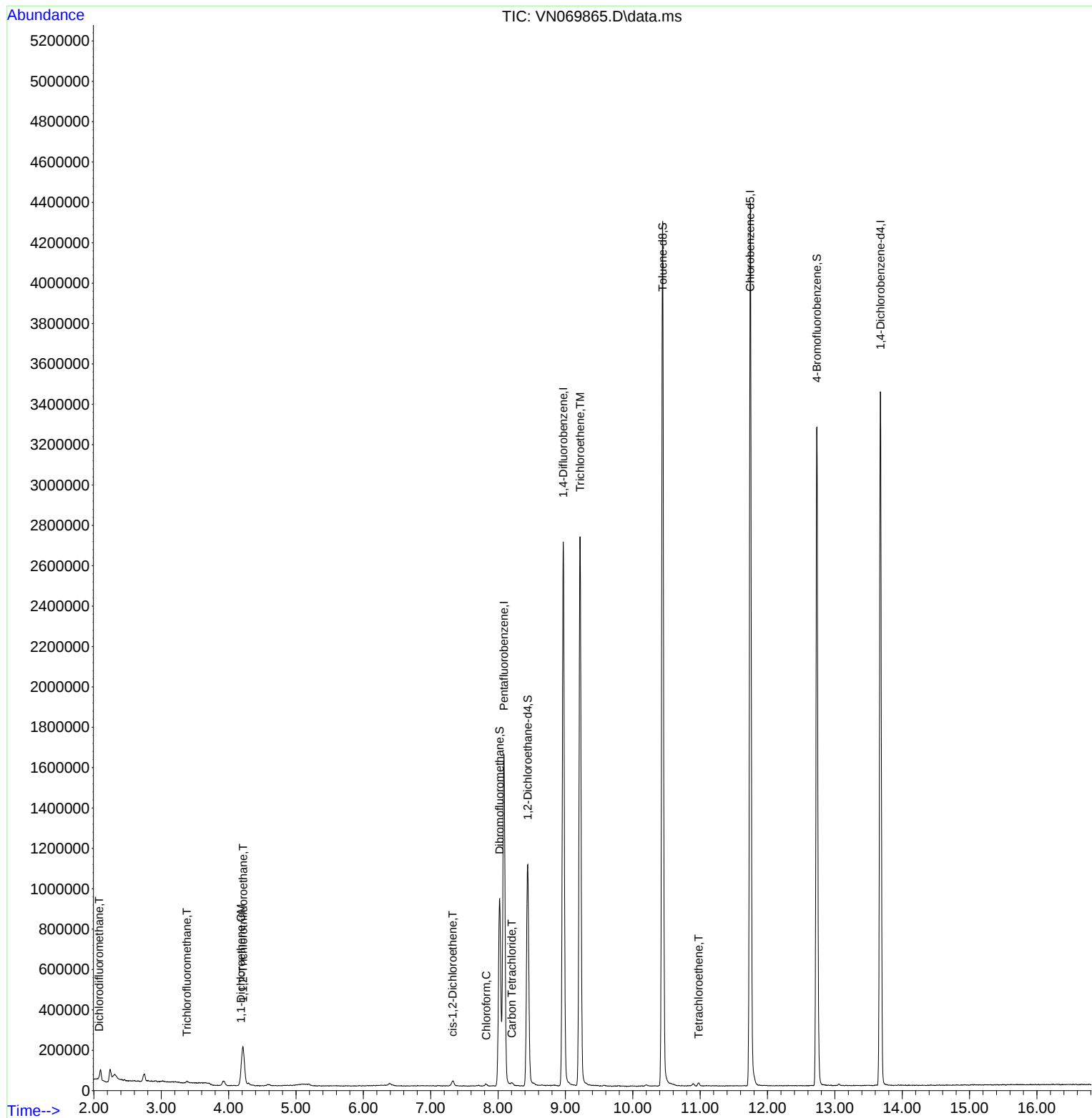
Internal Standards						
1) Pentafluorobenzene	8.086	168	1243667	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2264883	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2454479	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	925871	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	968444	50.43	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	100.86%
35) Dibromofluoromethane	8.024	113	672861	47.43	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.86%
50) Toluene-d8	10.443	98	2944486	51.69	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	103.38%
62) 4-Bromofluorobenzene	12.733	95	1142847	55.38	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	110.76%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.078	85	7310	0.50	ug/l	95
7) Trichlorofluoromethane	3.381	101	7312	0.33	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.213	101	122732	9.98	ug/l	96
12) 1,1-Dichloroethene	4.183	96	8750	0.74	ug/l	90
27) cis-1,2-Dichloroethene	7.327	96	14312	0.92	ug/l	99
30) Chloroform	7.825	83	9229	0.34	ug/l	95
38) Carbon Tetrachloride	8.204	117	8337	0.39	ug/l	89
44) Trichloroethene	9.217	130	959087	60.97	ug/l	90
64) Tetrachloroethene	10.977	164	3659	0.22	ug/l #	77

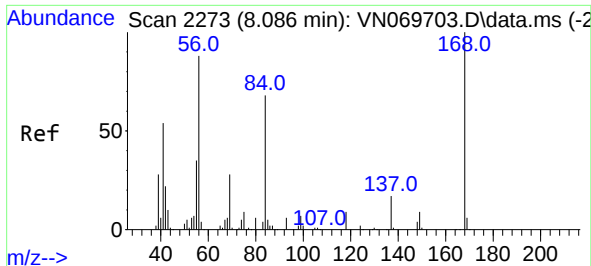
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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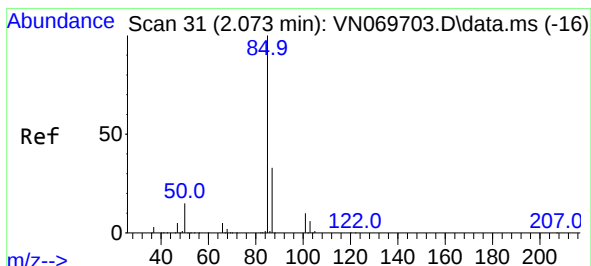
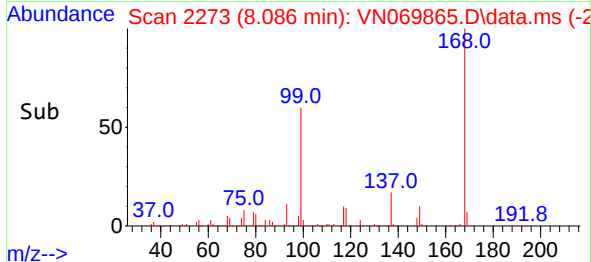
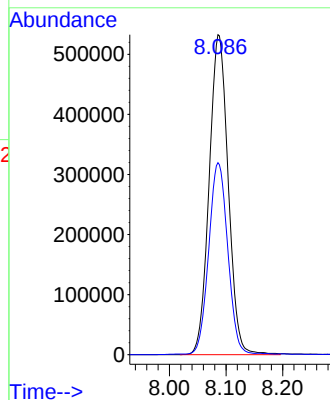
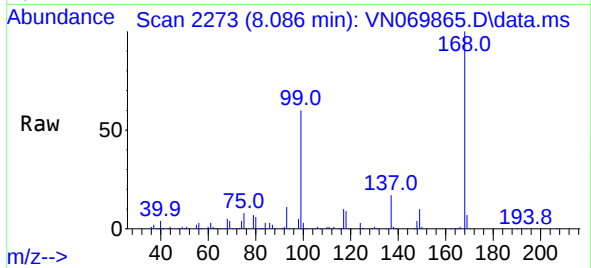




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069865.D
Acq: 8 Dec 2021 16:55

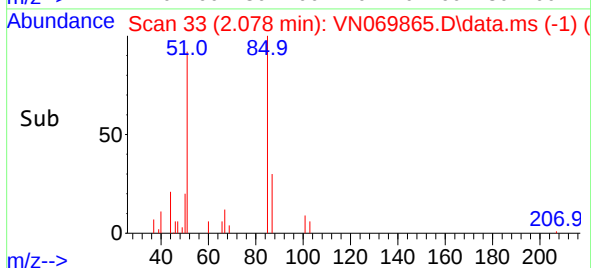
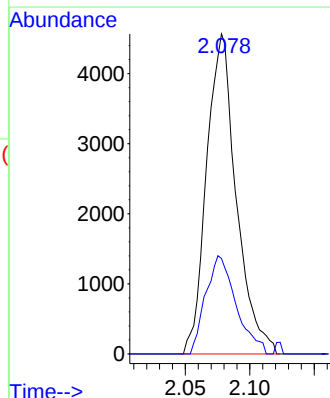
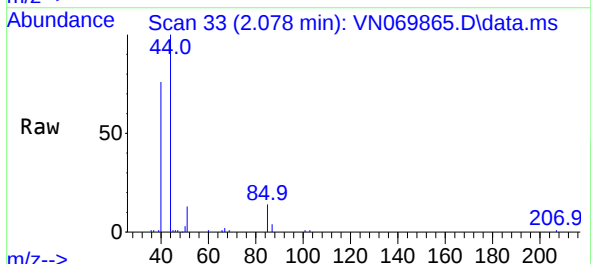
Instrument :
MSVOA_N
ClientSampleId :
RE114D2-20211206

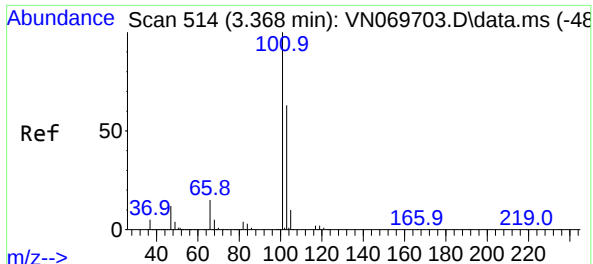
Tgt Ion:168 Resp: 1243667
Ion Ratio Lower Upper
168 100
99 59.8 41.3 61.9



#2
Dichlorodifluoromethane
Concen: 0.50 ug/l
RT: 2.078 min Scan# 33
Delta R.T. 0.005 min
Lab File: VN069865.D
Acq: 8 Dec 2021 16:55

Tgt Ion: 85 Resp: 7310
Ion Ratio Lower Upper
85 100
87 29.9 16.3 48.9

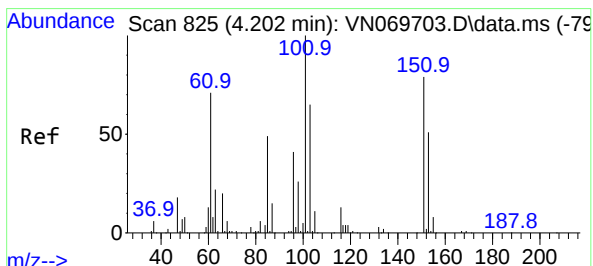
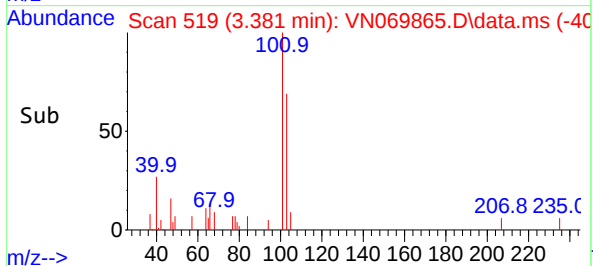
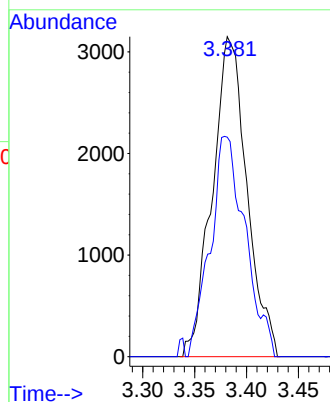
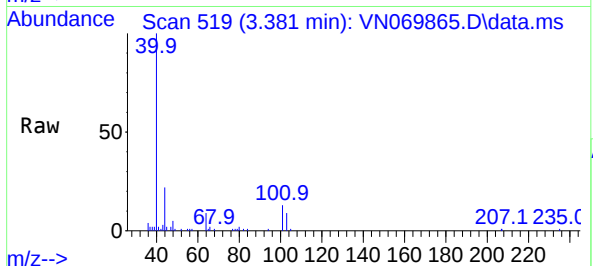




#7
 Trichlorofluoromethane
 Concen: 0.33 ug/l
 RT: 3.381 min Scan# 514
 Delta R.T. 0.013 min
 Lab File: VN069865.D
 Acq: 8 Dec 2021 16:55

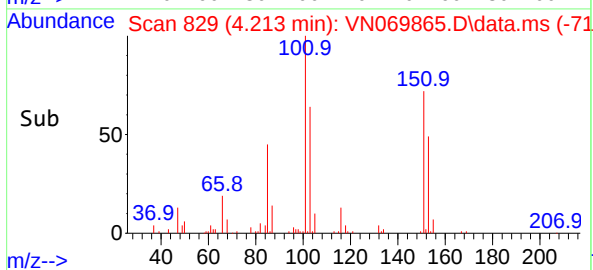
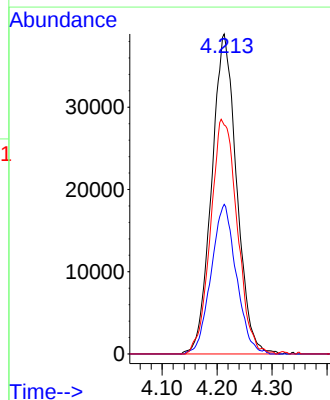
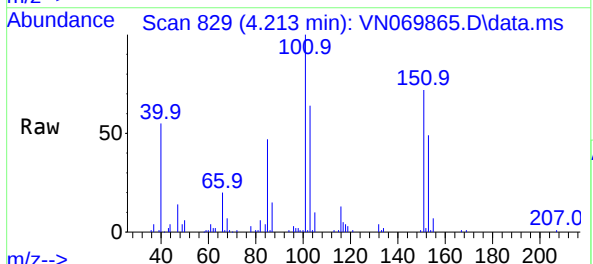
Instrument :
 MSVOA_N
 ClientSampleId :
 RE114D2-20211206

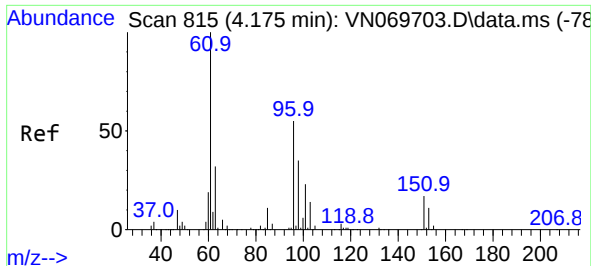
Tgt Ion:101 Resp: 7312
 Ion Ratio Lower Upper
 101 100
 103 68.6 50.1 75.1



#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.98 ug/l
 RT: 4.213 min Scan# 829
 Delta R.T. 0.011 min
 Lab File: VN069865.D
 Acq: 8 Dec 2021 16:55

Tgt Ion:101 Resp: 122732
 Ion Ratio Lower Upper
 101 100
 85 47.2 37.2 55.8
 151 77.6 65.9 98.9

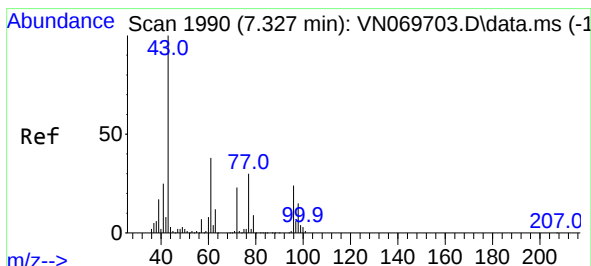
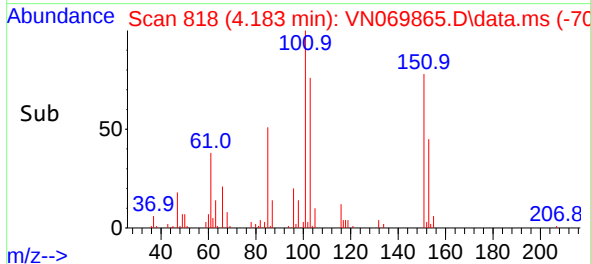
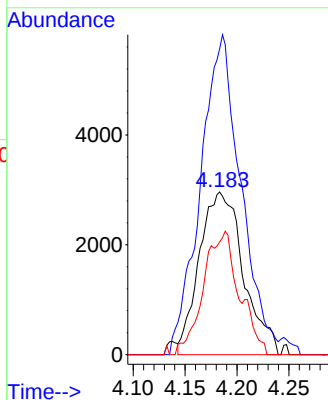
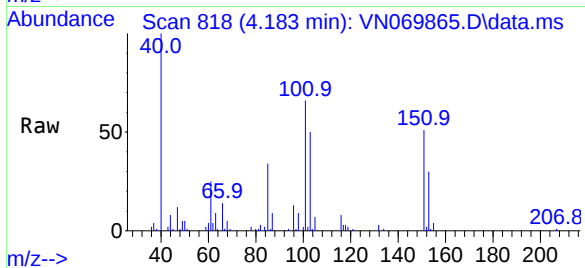




#12
1,1-Dichloroethene
Concen: 0.74 ug/l
RT: 4.183 min Scan# 815
Delta R.T. 0.008 min
Lab File: VN069865.D
Acq: 8 Dec 2021 16:55

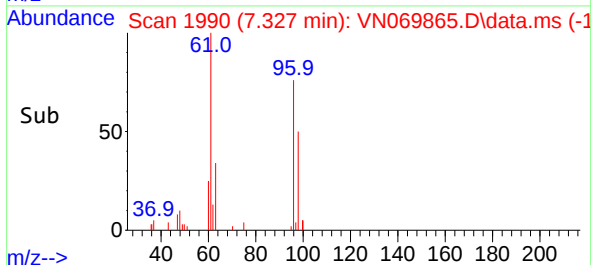
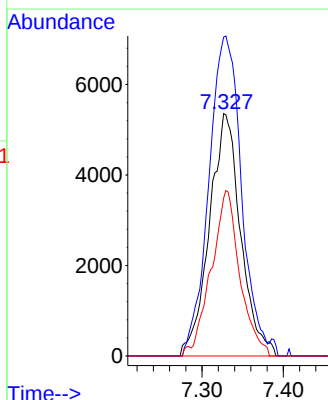
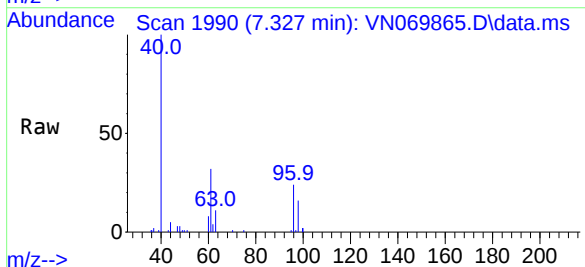
Instrument :
MSVOA_N
ClientSampleId :
RE114D2-20211206

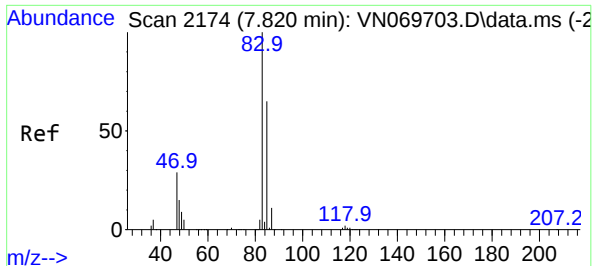
Tgt Ion: 96 Resp: 8750
Ion Ratio Lower Upper
96 100
61 179.9 131.0 196.6
98 69.3 52.4 78.6



#27
cis-1,2-Dichloroethene
Concen: 0.92 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN069865.D
Acq: 8 Dec 2021 16:55

Tgt Ion: 96 Resp: 14312
Ion Ratio Lower Upper
96 100
61 137.2 0.0 275.0
98 62.6 0.0 129.6





#30

Chloroform

Concen: 0.34 ug/l

RT: 7.825 min Scan# 21

Delta R.T. 0.005 min

Lab File: VN069865.D

Acq: 8 Dec 2021 16:55

Instrument :

MSVOA_N

ClientSampleId :

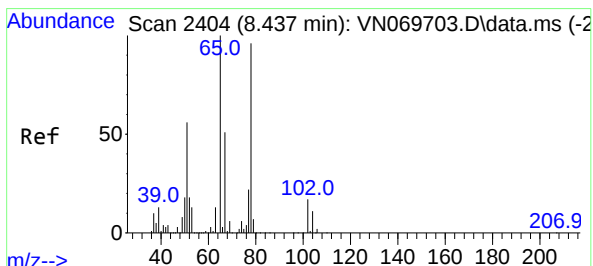
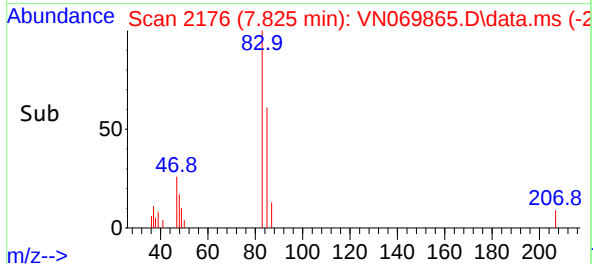
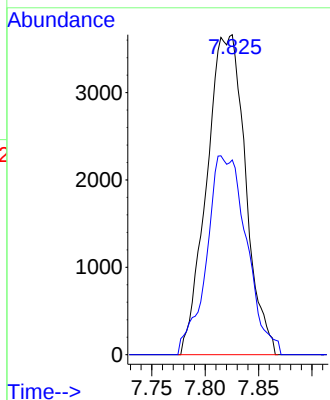
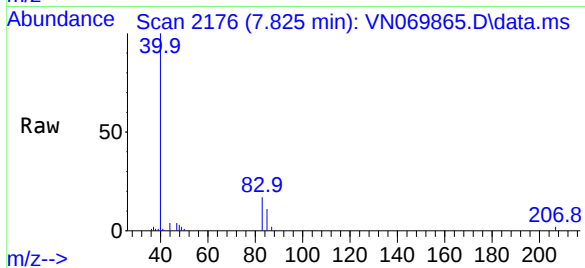
RE114D2-20211206

Tgt Ion: 83 Resp: 9229

Ion Ratio Lower Upper

83 100

85 60.9 51.9 77.9



#33

1,2-Dichloroethane-d4

Concen: 50.43 ug/l

RT: 8.440 min Scan# 2405

Delta R.T. 0.003 min

Lab File: VN069865.D

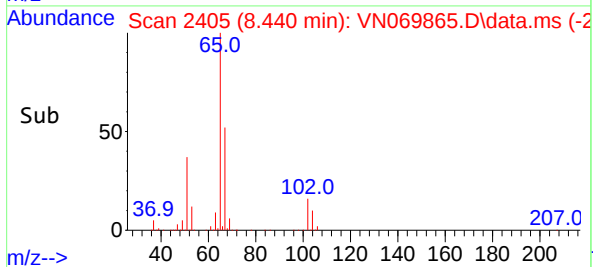
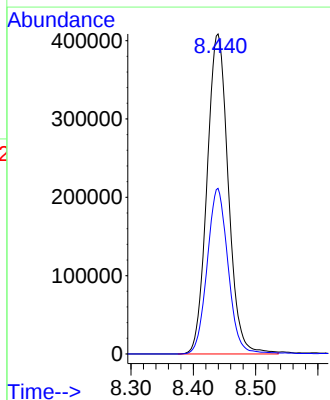
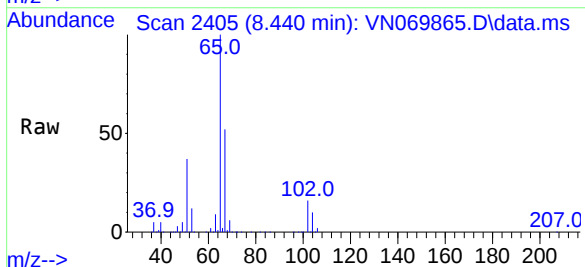
Acq: 8 Dec 2021 16:55

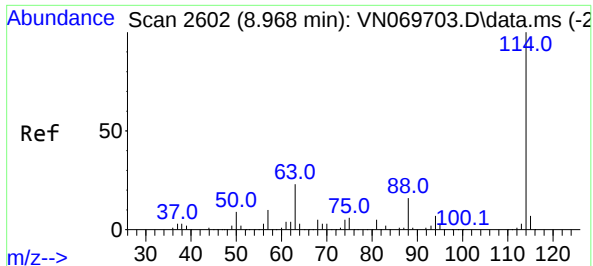
Tgt Ion: 65 Resp: 968444

Ion Ratio Lower Upper

65 100

67 50.9 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: VN069865.D

Acq: 8 Dec 2021 16:55

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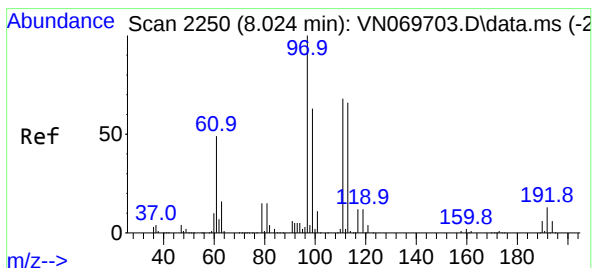
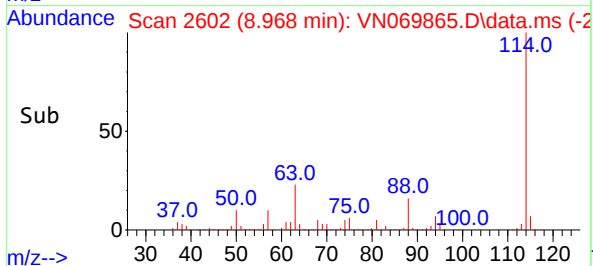
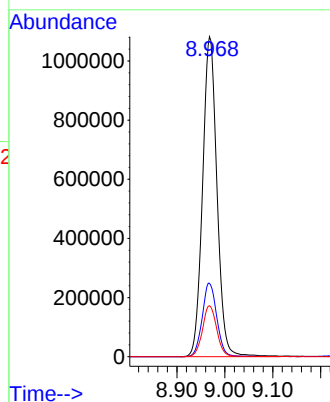
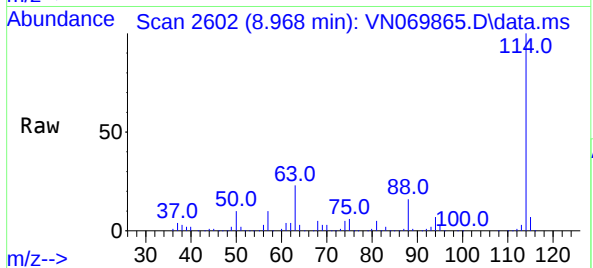
Tgt Ion:114 Resp: 2264883

Ion Ratio Lower Upper

114 100

63 22.9 0.0 37.8

88 15.9 0.0 27.4



#35

Dibromofluoromethane

Concen: 47.43 ug/l

RT: 8.024 min Scan# 2250

Delta R.T. 0.000 min

Lab File: VN069865.D

Acq: 8 Dec 2021 16:55

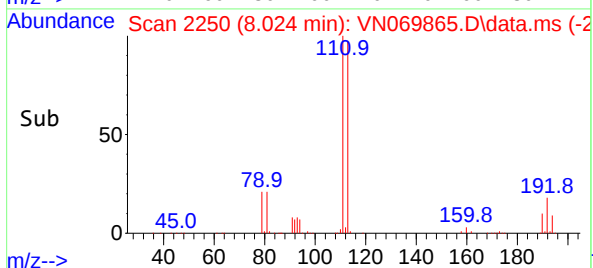
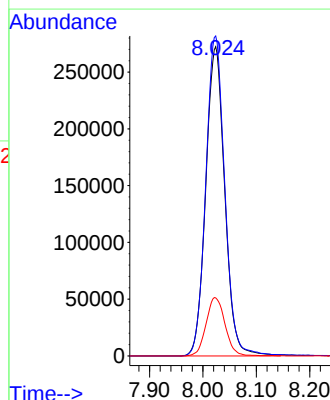
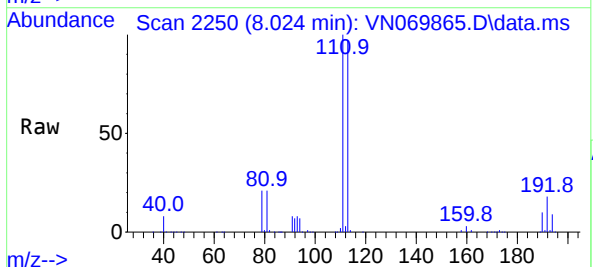
Tgt Ion:113 Resp: 672861

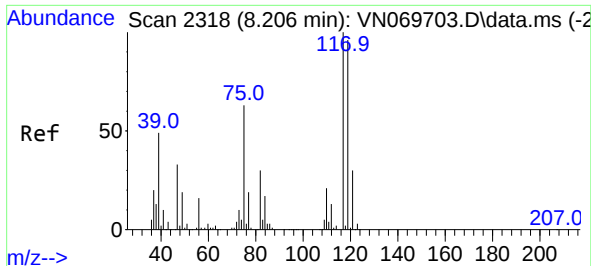
Ion Ratio Lower Upper

113 100

111 103.6 82.2 123.2

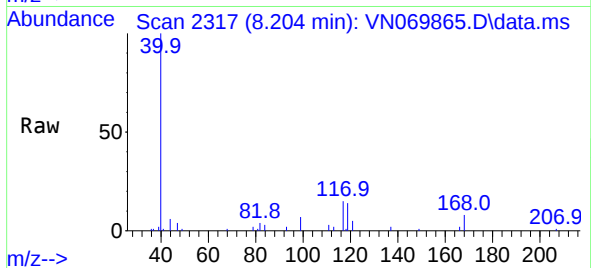
192 18.9 16.9 25.3



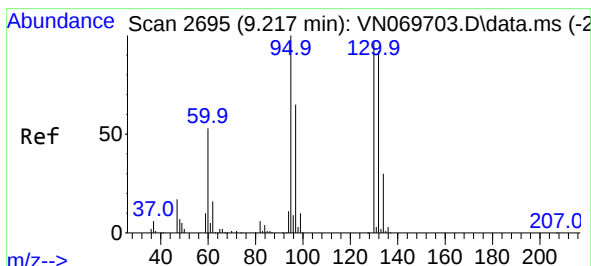
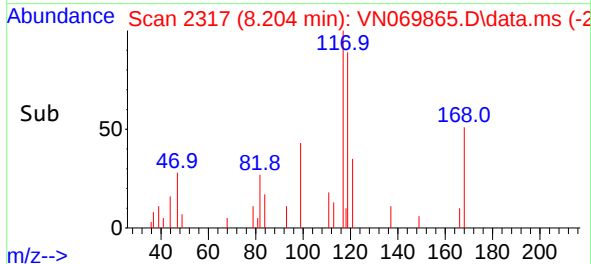
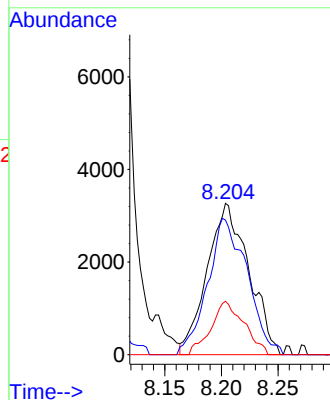


#38
Carbon Tetrachloride
Concen: 0.39 ug/l
RT: 8.204 min Scan# 211
Delta R.T. -0.003 min
Lab File: VN069865.D
Acq: 8 Dec 2021 16:55

Instrument :
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ClientSampleId :
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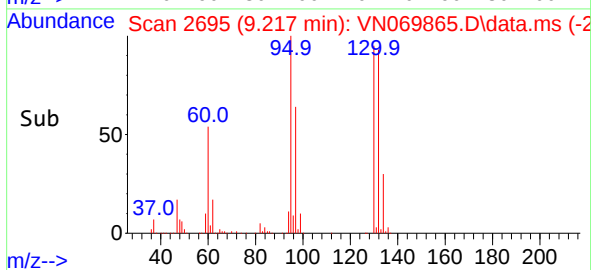
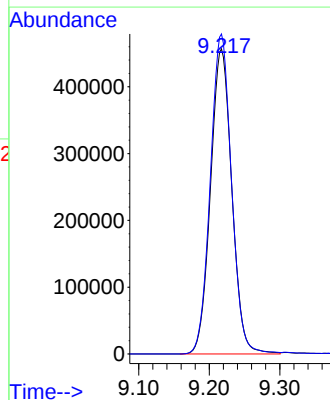
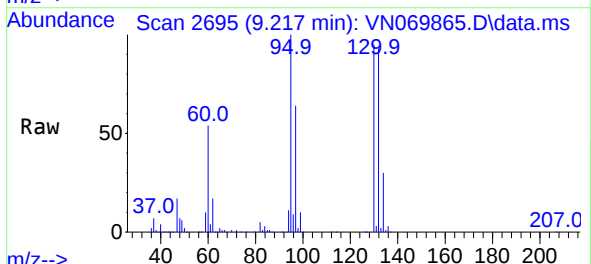


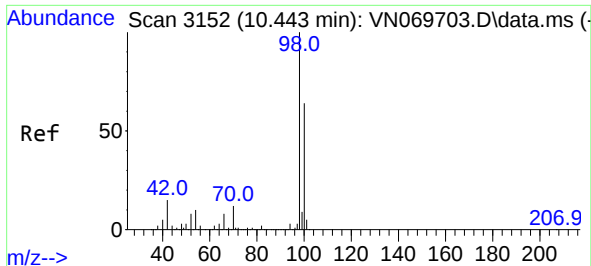
Tgt Ion:117 Resp: 8337
Ion Ratio Lower Upper
117 100
119 84.2 76.1 114.1
121 35.3 24.2 36.2



#44
Trichloroethene
Concen: 60.97 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN069865.D
Acq: 8 Dec 2021 16:55

Tgt Ion:130 Resp: 959087
Ion Ratio Lower Upper
130 100
95 104.9 0.0 191.2

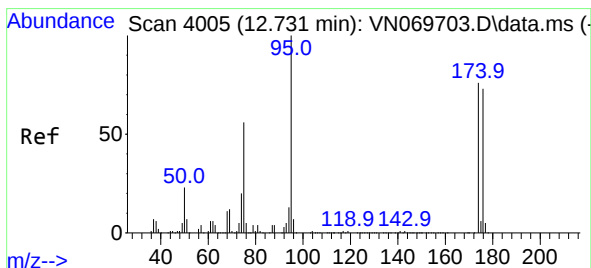
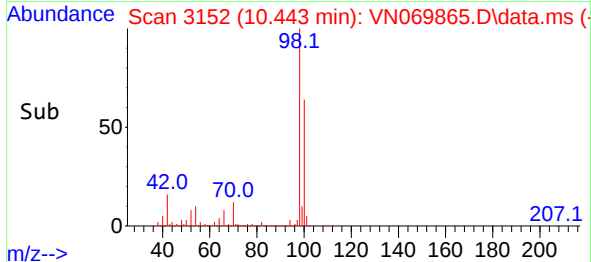
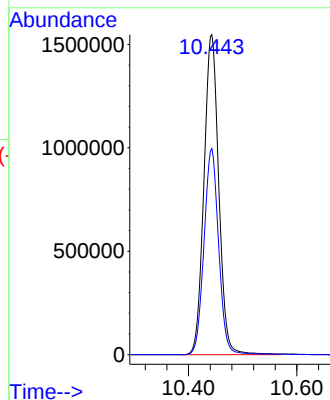
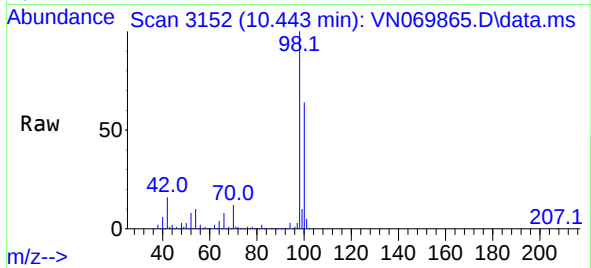




#50
Toluene-d8
Concen: 51.69 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069865.D
Acq: 8 Dec 2021 16:55

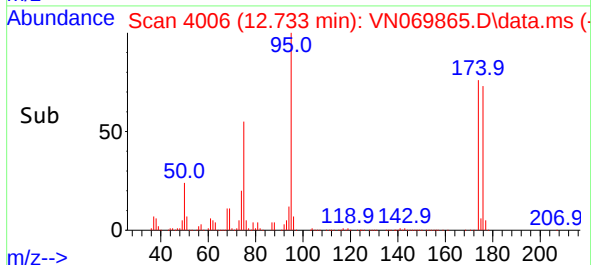
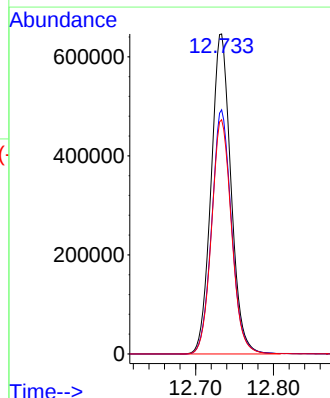
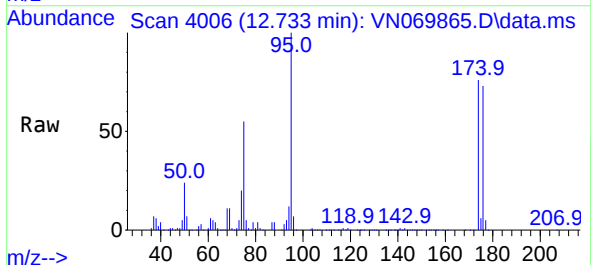
Instrument :
MSVOA_N
ClientSampleId :
RE114D2-20211206

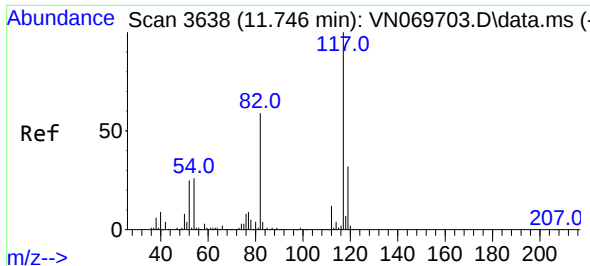
Tgt Ion: 98 Resp: 2944486
Ion Ratio Lower Upper
98 100
100 63.4 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 55.38 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.002 min
Lab File: VN069865.D
Acq: 8 Dec 2021 16:55

Tgt Ion: 95 Resp: 1142847
Ion Ratio Lower Upper
95 100
174 76.0 0.0 187.2
176 73.6 0.0 181.4



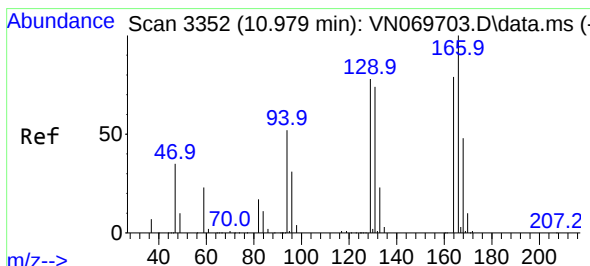
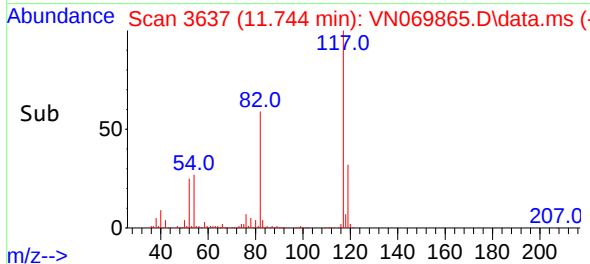
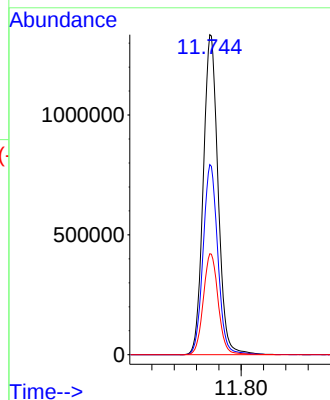
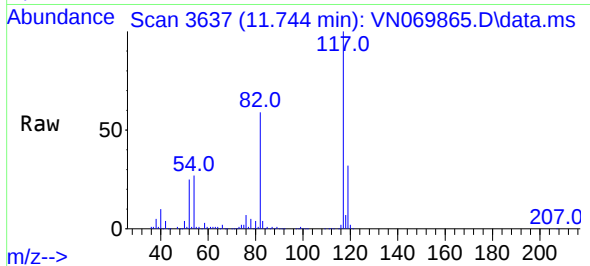


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.002 min
Lab File: VN069865.D
Acq: 8 Dec 2021 16:55

Instrument :
MSVOA_N
ClientSampleId :
RE114D2-20211206

Tgt Ion:117 Resp: 2454479

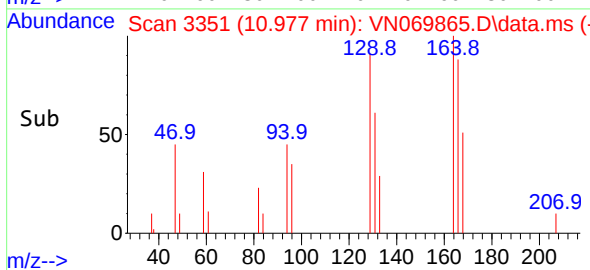
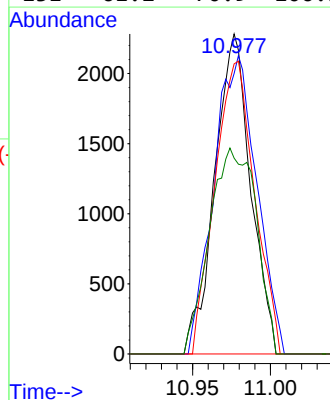
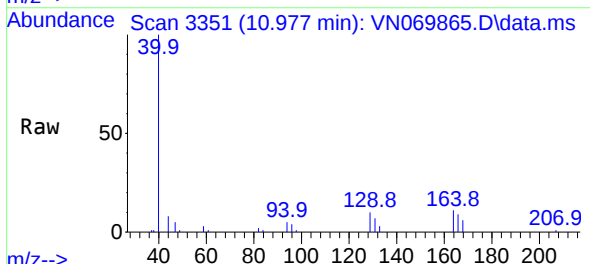
Ion	Ratio	Lower	Upper
117	100		
82	59.4	42.4	63.6
119	31.6	25.4	38.2

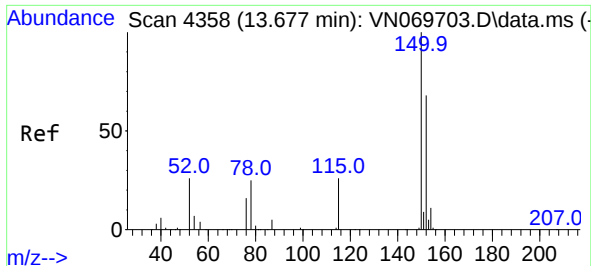


#64
Tetrachloroethene
Concen: 0.22 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.002 min
Lab File: VN069865.D
Acq: 8 Dec 2021 16:55

Tgt Ion:164 Resp: 3659

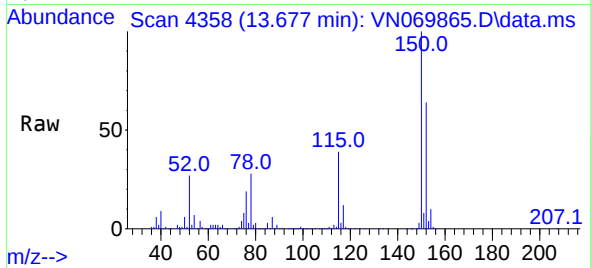
Ion	Ratio	Lower	Upper
164	100		
166	87.6	101.9	152.9#
129	90.7	72.0	108.0
131	61.2	70.9	106.3#





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.677 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VN069865.D
 Acq: 8 Dec 2021 16:55

Instrument :
 MSVOA_N
 ClientSampleId :
 RE114D2-20211206



Tgt Ion:152 Resp: 925871

Ion	Ratio	Lower	Upper
152	100		
115	61.3	27.5	82.5
150	158.2	0.0	344.4

