

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120821\
 Data File : VN069868.D
 Acq On : 8 Dec 2021 18:11
 Operator : JC/MD
 Sample : M4957-08
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE125D3-20211206

Quant Time: Dec 09 11:44:07 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)

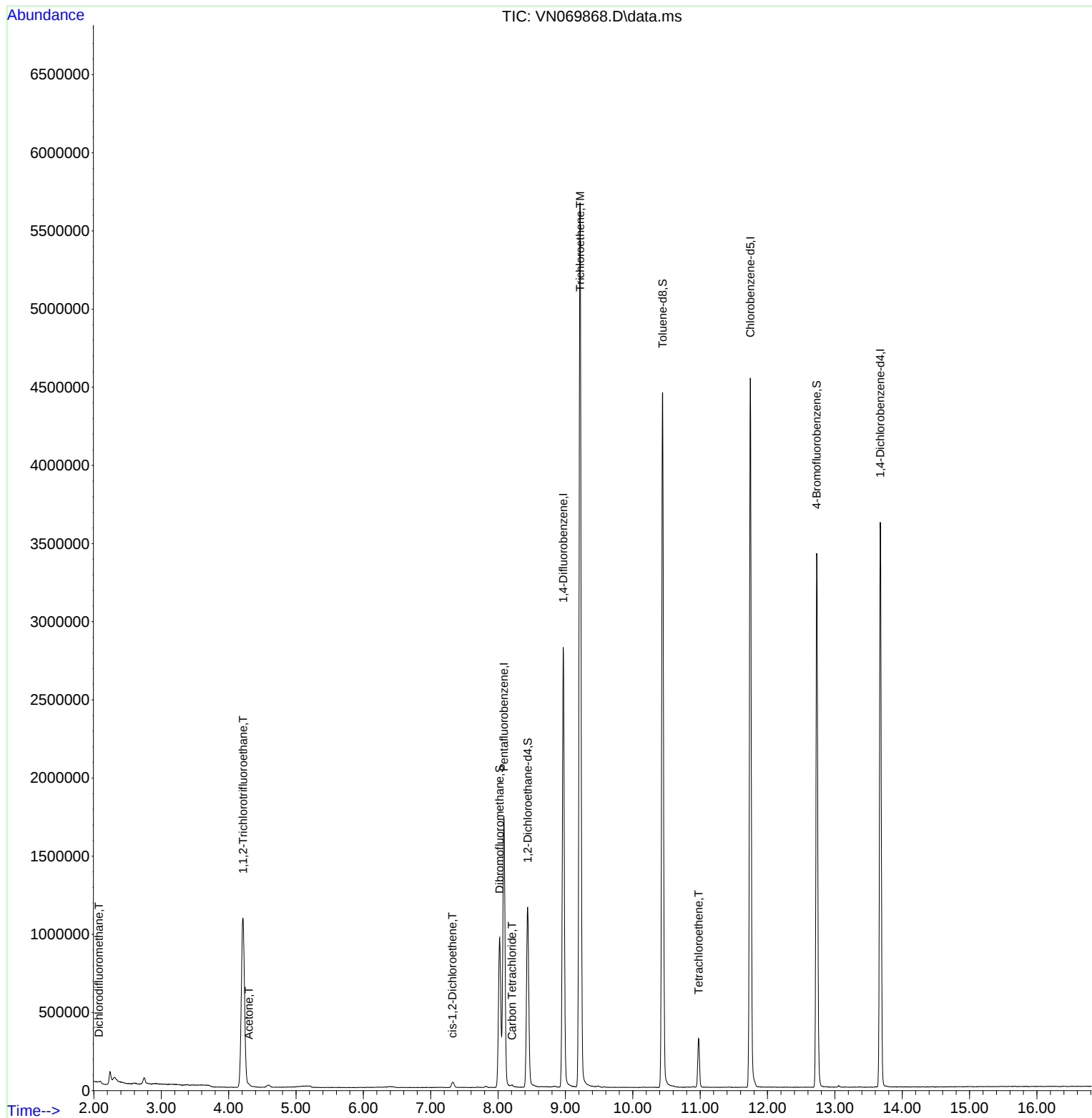
Internal Standards						
1) Pentafluorobenzene	8.086	168	1289693	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2318359	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	2543324	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	963516	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	1003092	50.37	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 100.74%	
35) Dibromofluoromethane	8.024	113	695423	47.89	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 95.78%	
50) Toluene-d8	10.443	98	3033701	52.03	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 104.06%	
62) 4-Bromofluorobenzene	12.731	95	1201594	56.88	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 113.76%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.075	85	3566	0.24	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.213	101	733034	57.50	ug/l	96
16) Acetone	4.299	43	20062	1.67	ug/l	97
27) cis-1,2-Dichloroethene	7.321	96	19094	1.18	ug/l	93
38) Carbon Tetrachloride	8.206	117	7033	0.32	ug/l	91
44) Trichloroethene	9.217	130	2004138	124.47	ug/l	91
64) Tetrachloroethene	10.977	164	71668	4.16	ug/l	97

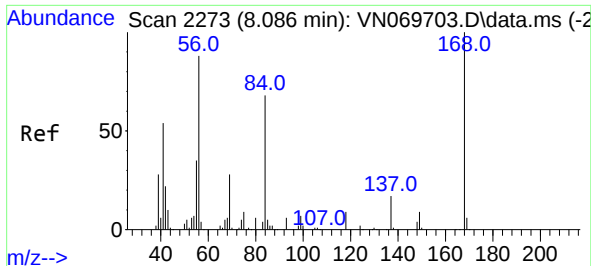
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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RE125D3-20211206

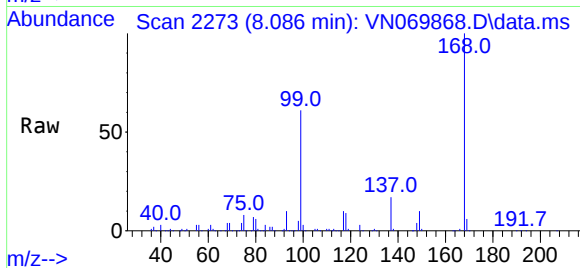
Quant Time: Dec 09 11:44:07 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 03 08:46:47 2021
Response via : Initial Calibration



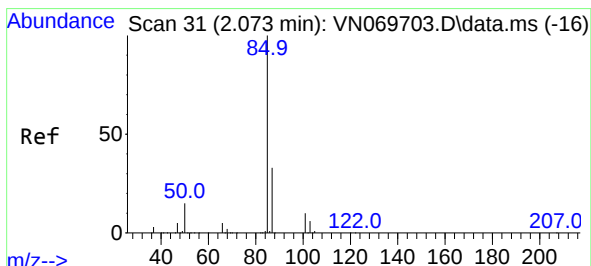
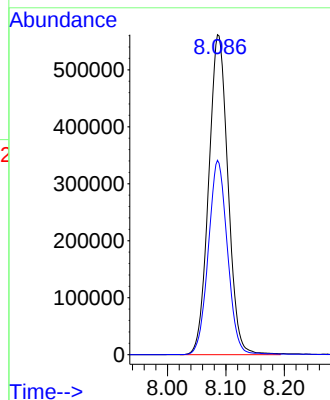
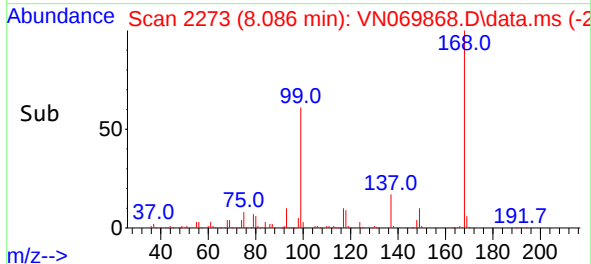


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069868.D
Acq: 8 Dec 2021 18:11

Instrument :
MSVOA_N
ClientSampleId :
RE125D3-20211206

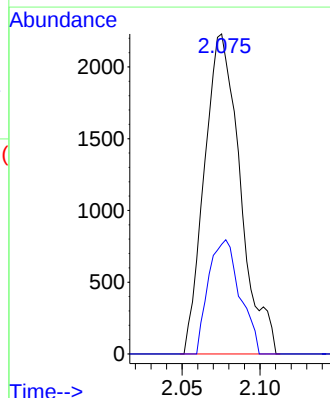
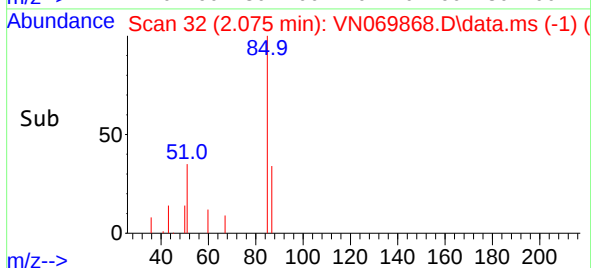
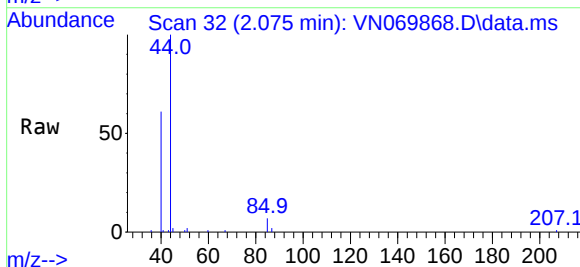


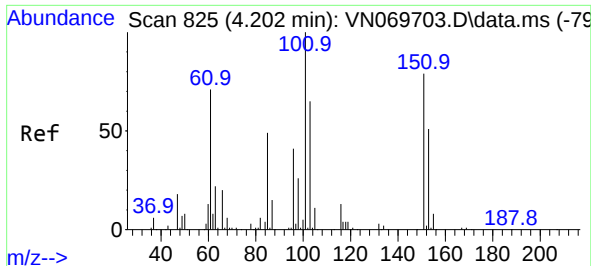
Tgt Ion:168 Resp: 1289693
Ion Ratio Lower Upper
168 100
99 60.7 41.3 61.9



#2
Dichlorodifluoromethane
Concen: 0.24 ug/l
RT: 2.075 min Scan# 32
Delta R.T. 0.003 min
Lab File: VN069868.D
Acq: 8 Dec 2021 18:11

Tgt Ion: 85 Resp: 3566
Ion Ratio Lower Upper
85 100
87 34.3 16.3 48.9

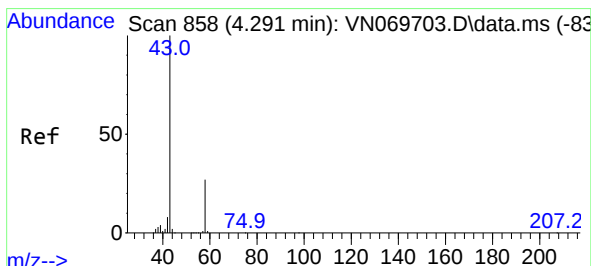
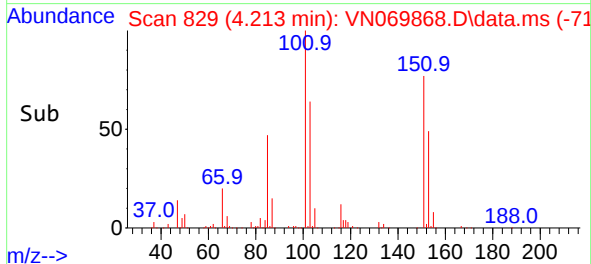
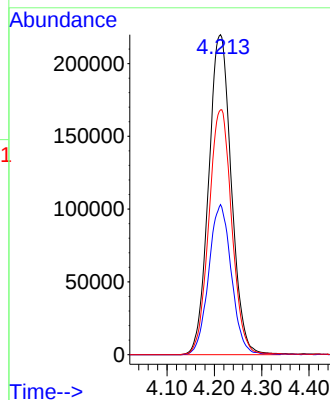
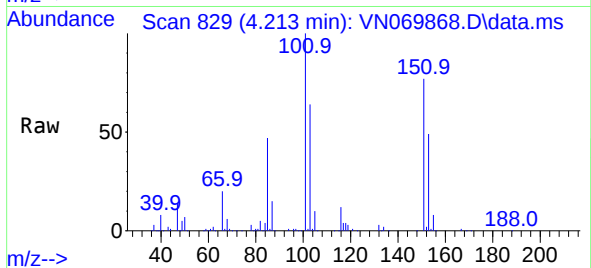




#9
1,1,2-Trichlorotrifluoroethane
Concen: 57.50 ug/l
RT: 4.213 min Scan# 81
Delta R.T. 0.011 min
Lab File: VN069868.D
Acq: 8 Dec 2021 18:11

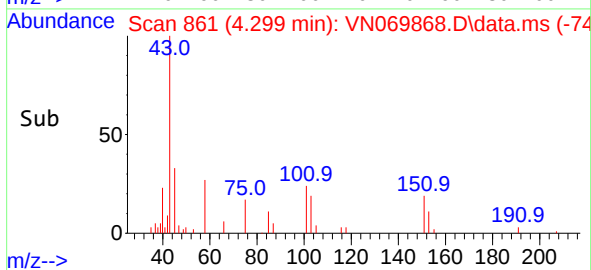
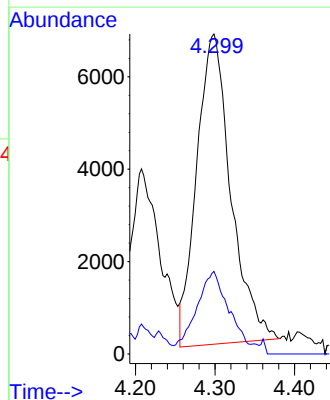
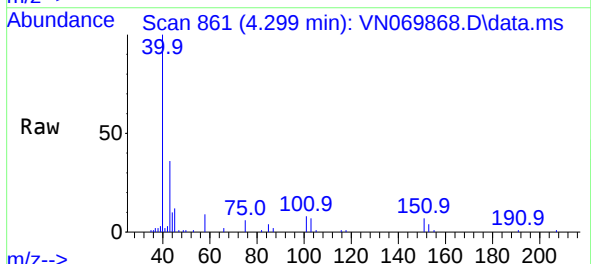
Instrument :
MSVOA_N
ClientSampleId :
RE125D3-20211206

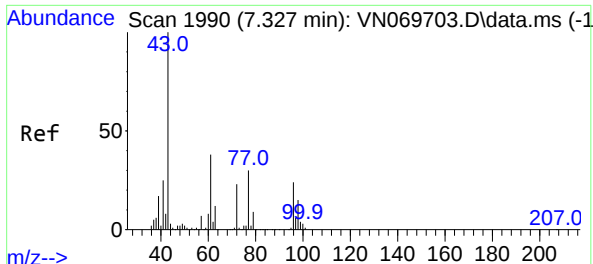
Tgt Ion:101 Resp: 733034
Ion Ratio Lower Upper
101 100
85 46.7 37.2 55.8
151 77.2 65.9 98.9



#16
Acetone
Concen: 1.67 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.008 min
Lab File: VN069868.D
Acq: 8 Dec 2021 18:11

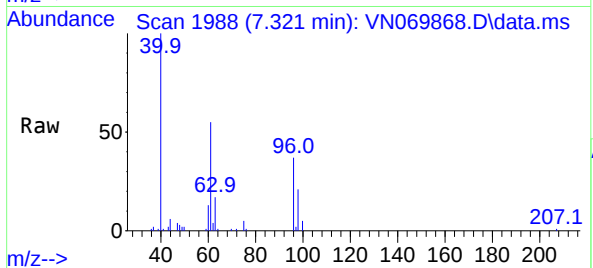
Tgt Ion: 43 Resp: 20062
Ion Ratio Lower Upper
43 100
58 27.1 23.1 34.7



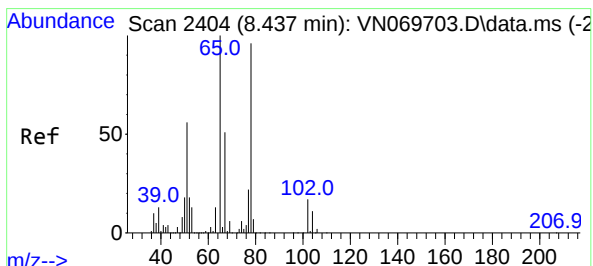
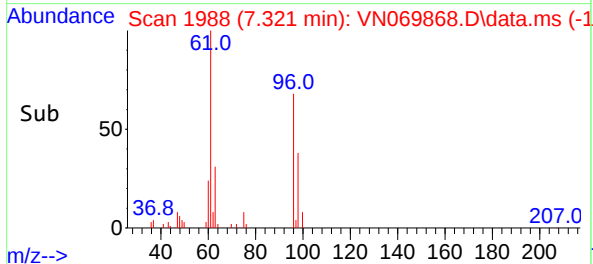
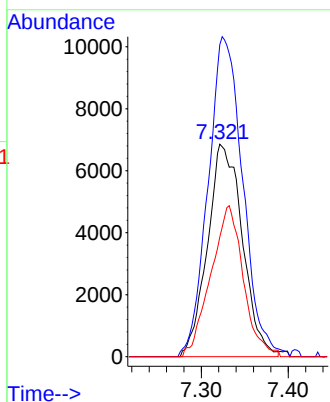


#27
 cis-1,2-Dichloroethene
 Concen: 1.18 ug/l
 RT: 7.321 min Scan# 1990
 Delta R.T. -0.005 min
 Lab File: VN069868.D
 Acq: 8 Dec 2021 18:11

Instrument :
 MSVOA_N
 ClientSampleId :
 RE125D3-20211206

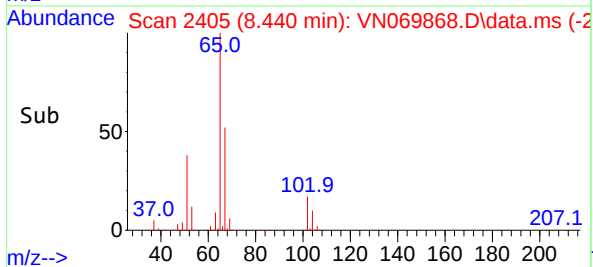
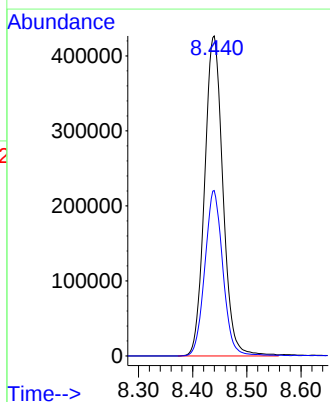
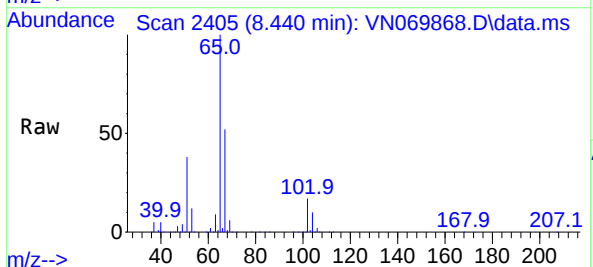


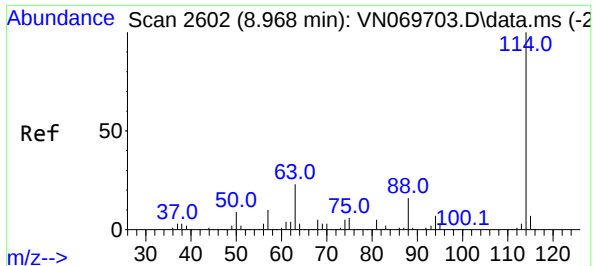
Tgt Ion: 96 Resp: 19094
 Ion Ratio Lower Upper
 96 100
 61 149.7 0.0 275.0
 98 66.2 0.0 129.6



#33
 1,2-Dichloroethane-d4
 Concen: 50.37 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. 0.003 min
 Lab File: VN069868.D
 Acq: 8 Dec 2021 18:11

Tgt Ion: 65 Resp: 1003092
 Ion Ratio Lower Upper
 65 100
 67 50.6 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: VN069868.D

Acq: 8 Dec 2021 18:11

Instrument :

MSVOA_N

ClientSampleId :

RE125D3-20211206

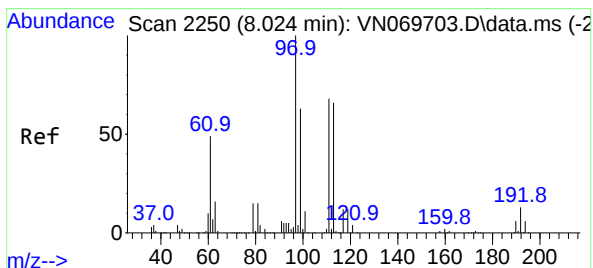
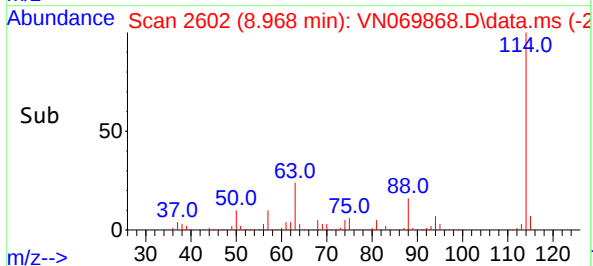
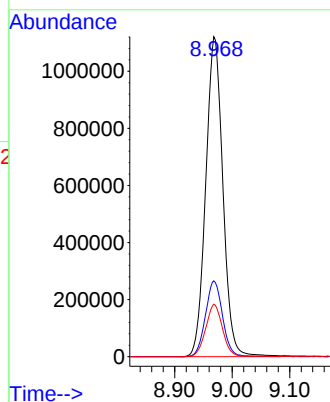
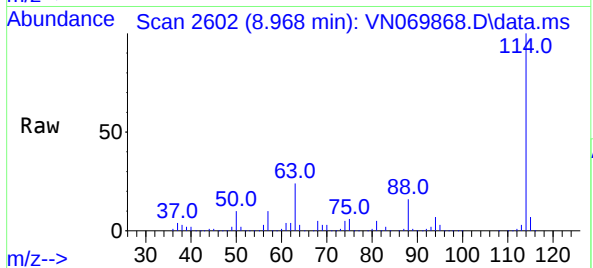
Tgt Ion:114 Resp: 2318359

Ion Ratio Lower Upper

114 100

63 23.7 0.0 37.8

88 16.4 0.0 27.4



#35

Dibromofluoromethane

Concen: 47.89 ug/l

RT: 8.024 min Scan# 2250

Delta R.T. 0.000 min

Lab File: VN069868.D

Acq: 8 Dec 2021 18:11

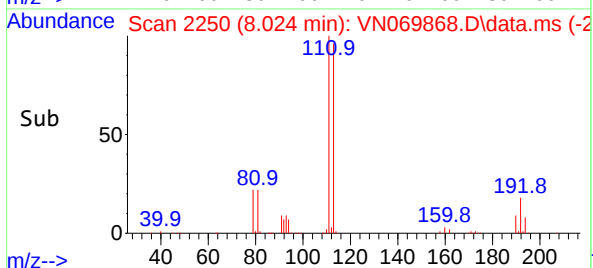
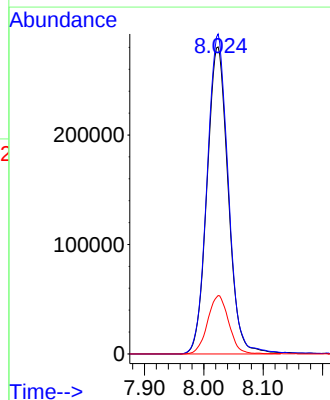
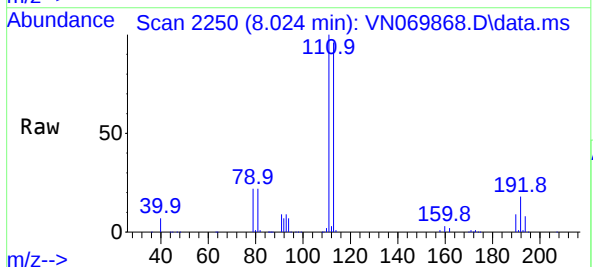
Tgt Ion:113 Resp: 695423

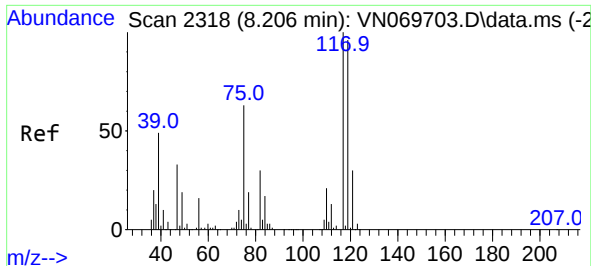
Ion Ratio Lower Upper

113 100

111 104.0 82.2 123.2

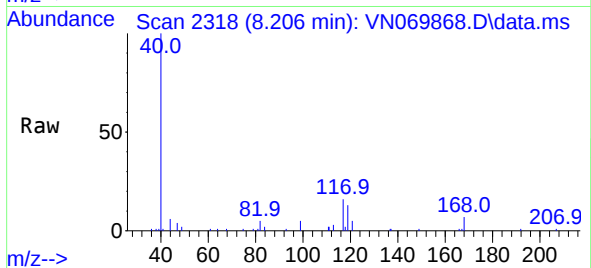
192 18.9 16.9 25.3



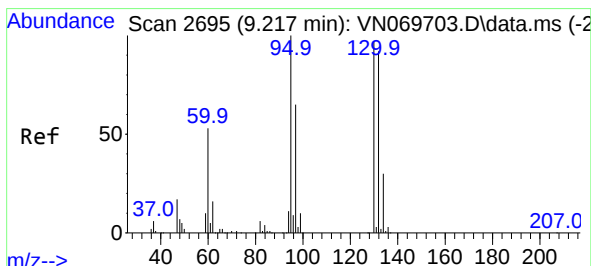
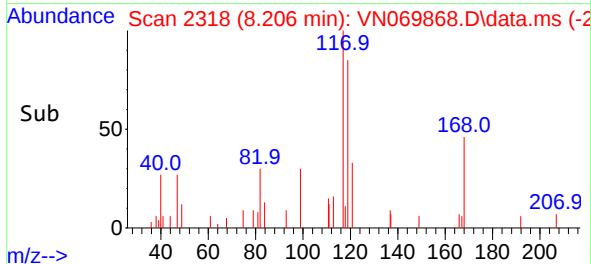
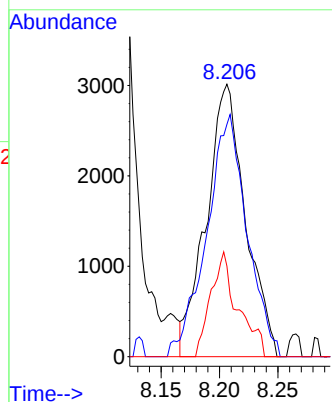


#38
Carbon Tetrachloride
Concen: 0.32 ug/l
RT: 8.206 min Scan# 211
Delta R.T. 0.000 min
Lab File: VN069868.D
Acq: 8 Dec 2021 18:11

Instrument :
MSVOA_N
ClientSampleId :
RE125D3-20211206

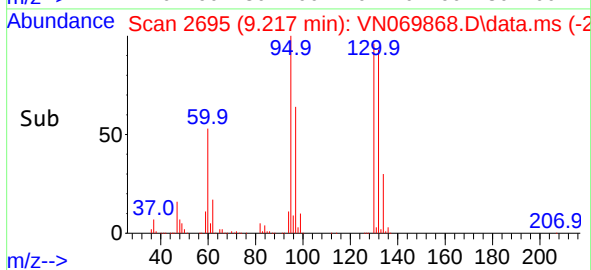
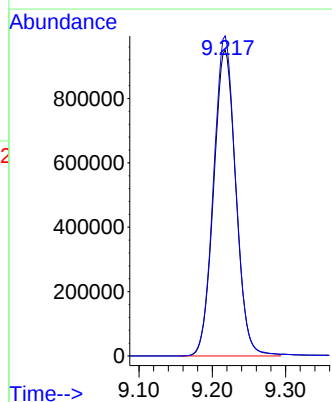
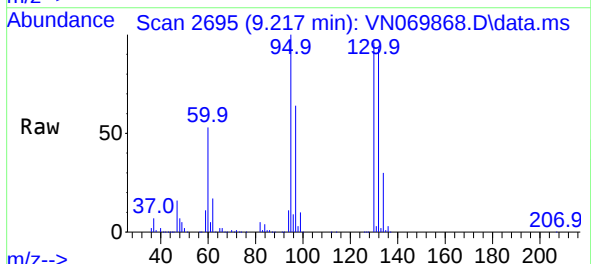


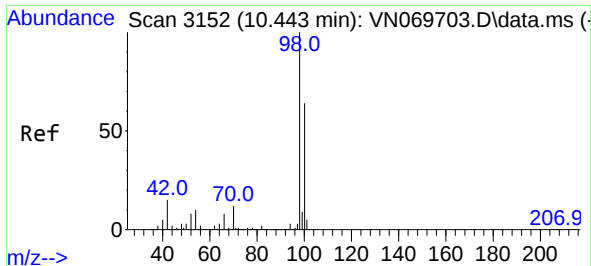
Tgt Ion:117 Resp: 7033
Ion Ratio Lower Upper
117 100
119 85.3 76.1 114.1
121 33.2 24.2 36.2



#44
Trichloroethene
Concen: 124.47 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN069868.D
Acq: 8 Dec 2021 18:11

Tgt Ion:130 Resp: 2004138
Ion Ratio Lower Upper
130 100
95 104.7 0.0 191.2

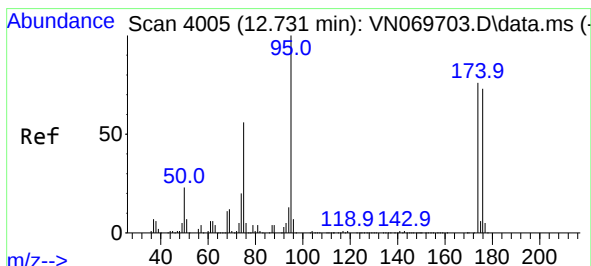
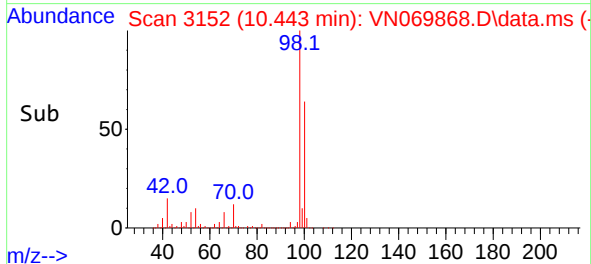
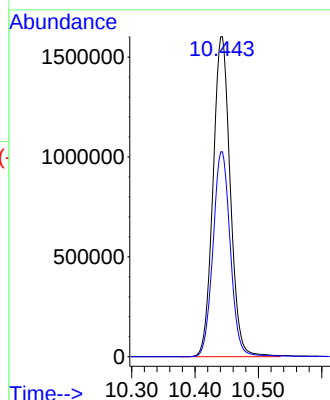
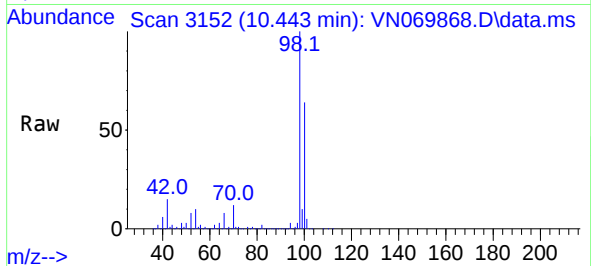




#50
Toluene-d8
Concen: 52.03 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069868.D
Acq: 8 Dec 2021 18:11

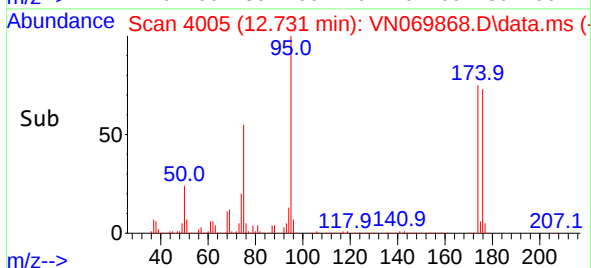
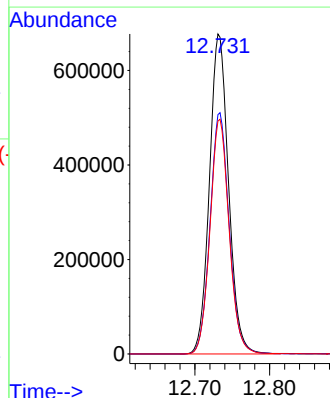
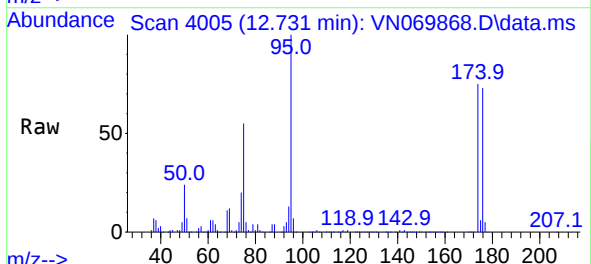
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MSVOA_N
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RE125D3-20211206

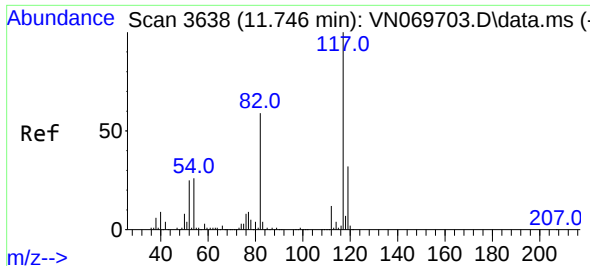
Tgt Ion: 98 Resp: 3033701
Ion Ratio Lower Upper
98 100
100 64.4 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 56.88 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069868.D
Acq: 8 Dec 2021 18:11

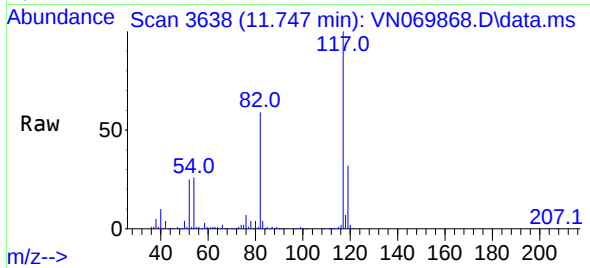
Tgt Ion: 95 Resp: 1201594
Ion Ratio Lower Upper
95 100
174 75.6 0.0 187.2
176 73.4 0.0 181.4





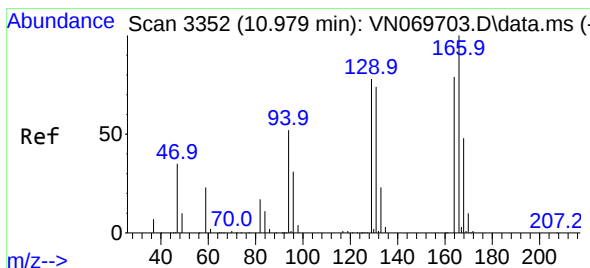
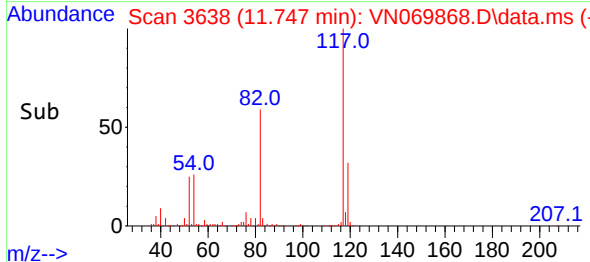
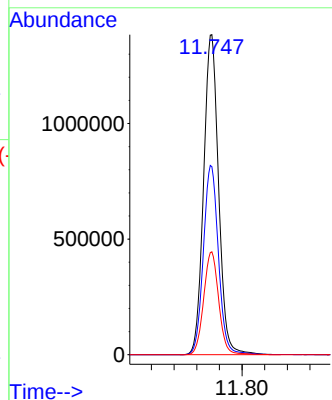
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.747 min Scan# 30
Delta R.T. 0.001 min
Lab File: VN069868.D
Acq: 8 Dec 2021 18:11

Instrument :
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ClientSampleId :
RE125D3-20211206



Tgt Ion:117 Resp: 2543324

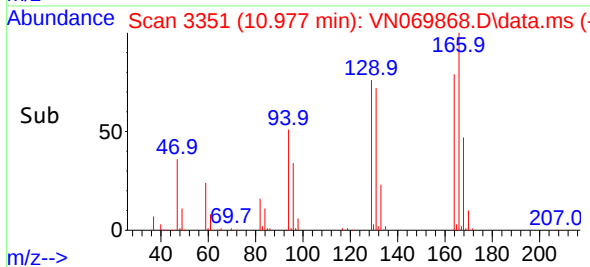
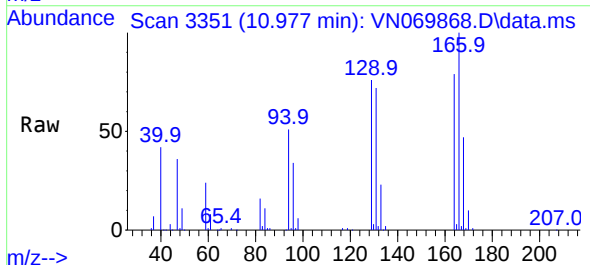
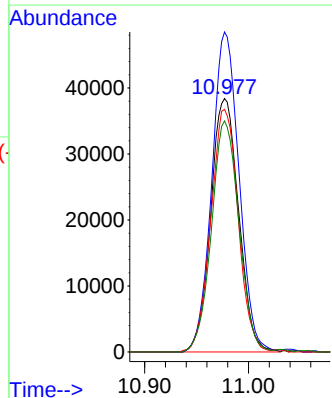
Ion	Ratio	Lower	Upper
117	100		
82	58.7	42.4	63.6
119	32.1	25.4	38.2

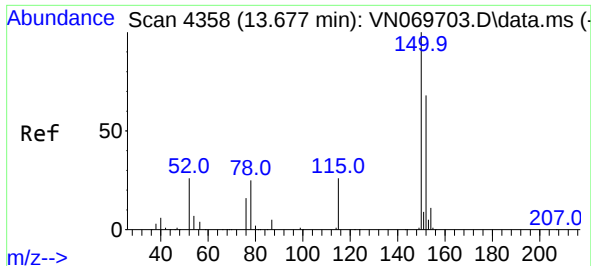


#64
Tetrachloroethene
Concen: 4.16 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.002 min
Lab File: VN069868.D
Acq: 8 Dec 2021 18:11

Tgt Ion:164 Resp: 71668

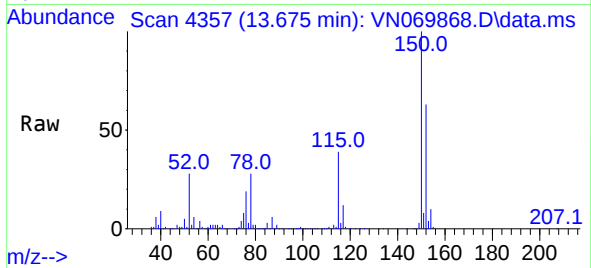
Ion	Ratio	Lower	Upper
164	100		
166	126.3	101.9	152.9
129	95.7	72.0	108.0
131	91.2	70.9	106.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.675 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VN069868.D
 Acq: 8 Dec 2021 18:11

Instrument :
 MSVOA_N
 ClientSampleId :
 RE125D3-20211206



Tgt Ion:152 Resp: 963516
 Ion Ratio Lower Upper
 152 100
 115 60.9 27.5 82.5
 150 158.0 0.0 344.4

