

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120721\
 Data File : VN069814.D
 Acq On : 7 Dec 2021 14:59
 Operator : JC/MD
 Sample : M4956-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE134D3-20211202

Quant Time: Dec 08 04:35:51 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)

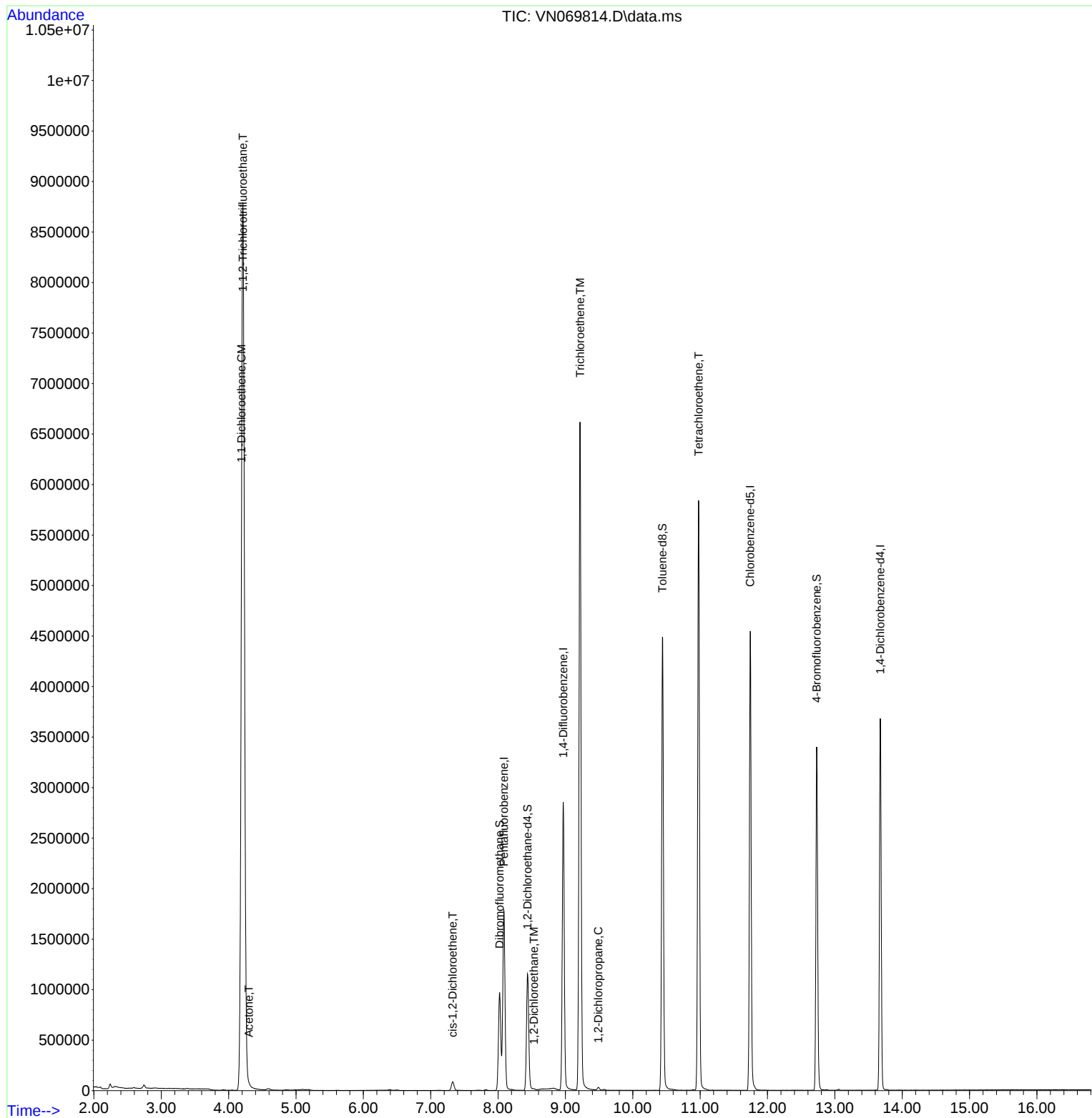
Internal Standards						
1) Pentafluorobenzene	8.086	168	1325206	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2381106	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2553730	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	972129	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	1018563	49.78	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.56%
35) Dibromofluoromethane	8.021	113	702722	47.12	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.24%
50) Toluene-d8	10.441	98	3080718	51.44	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.88%
62) 4-Bromofluorobenzene	12.731	95	1188818	54.79	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	109.58%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	4.210	101	5892088	449.80	ug/l	96
12) 1,1-Dichloroethene	4.192	96	45554	3.61	ug/l	96
16) Acetone	4.299	43	22623	1.84	ug/l	98
27) cis-1,2-Dichloroethene	7.327	96	50332	3.04	ug/l	99
42) 1,2-Dichloroethane	8.534	62	7290	0.26	ug/l	90
44) Trichloroethene	9.218	130	2323860	140.52	ug/l	91
45) 1,2-Dichloropropane	9.488	63	9081	0.49	ug/l	98
64) Tetrachloroethene	10.977	164	1312336	75.79	ug/l	95

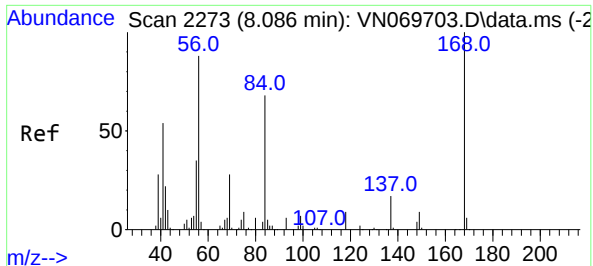
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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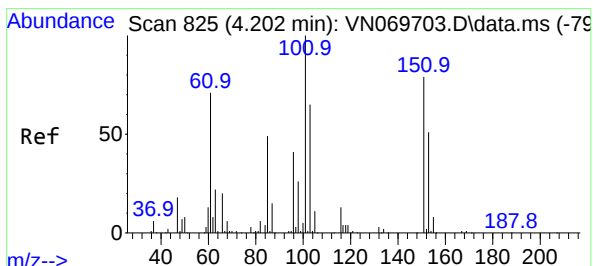
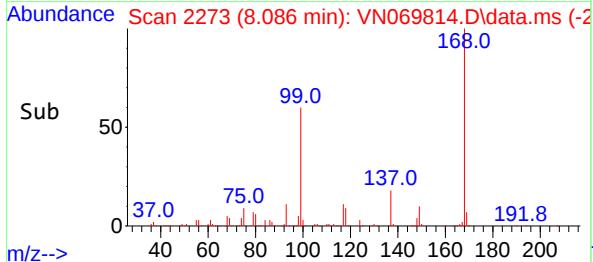
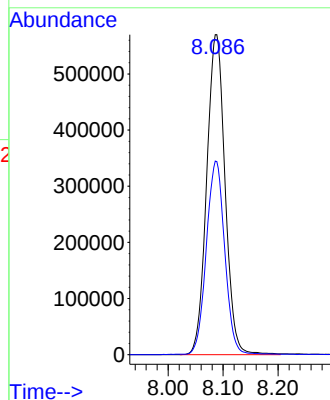
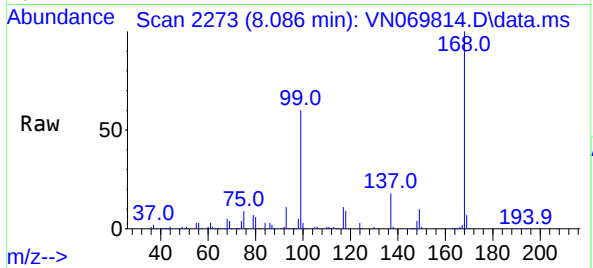




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069814.D
Acq: 7 Dec 2021 14:59

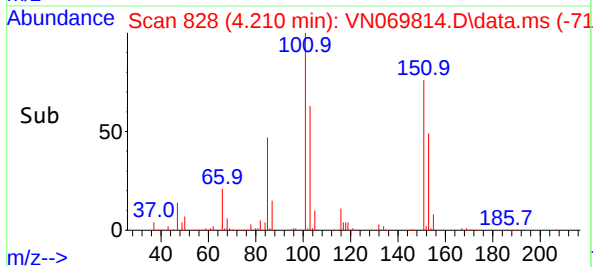
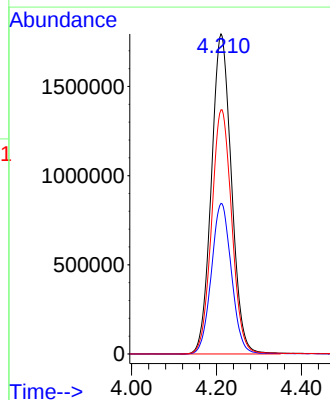
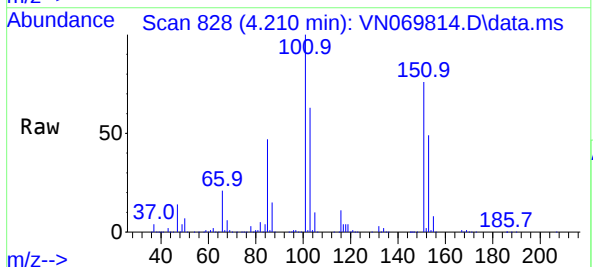
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MSVOA_N
ClientSampleId :
RE134D3-20211202

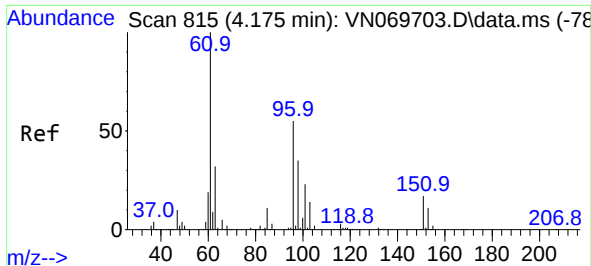
Tgt Ion:168 Resp: 1325206
Ion Ratio Lower Upper
168 100
99 60.3 41.3 61.9



#9
1,1,2-Trichlorotrifluoroethane
Concen: 449.80 ug/l
RT: 4.210 min Scan# 828
Delta R.T. 0.008 min
Lab File: VN069814.D
Acq: 7 Dec 2021 14:59

Tgt Ion:101 Resp: 5892088
Ion Ratio Lower Upper
101 100
85 47.0 37.2 55.8
151 76.6 65.9 98.9

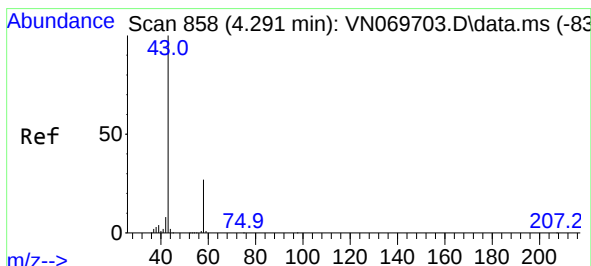
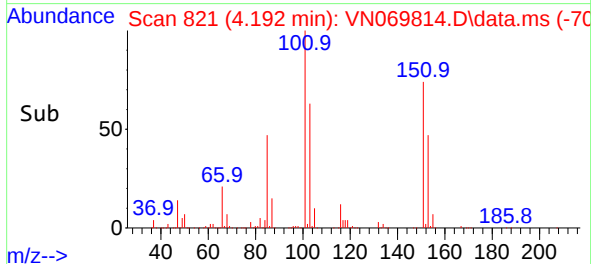
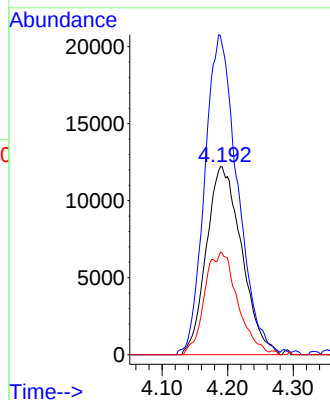
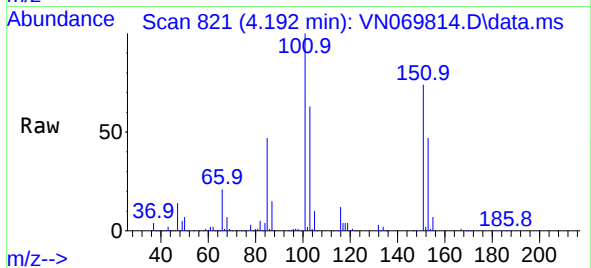




#12
1,1-Dichloroethene
Concen: 3.61 ug/l
RT: 4.192 min Scan# 815
Delta R.T. 0.016 min
Lab File: VN069814.D
Acq: 7 Dec 2021 14:59

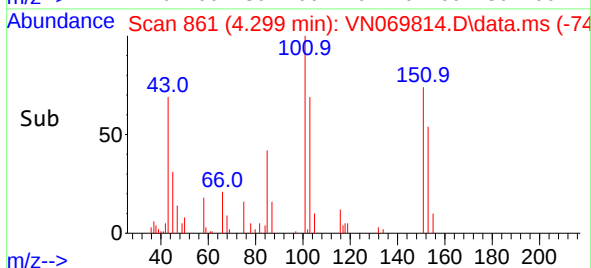
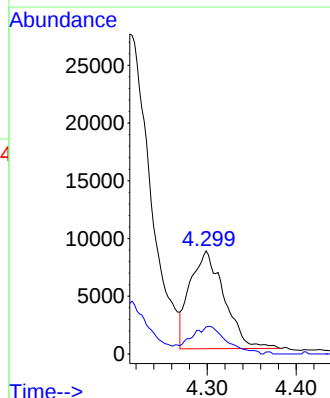
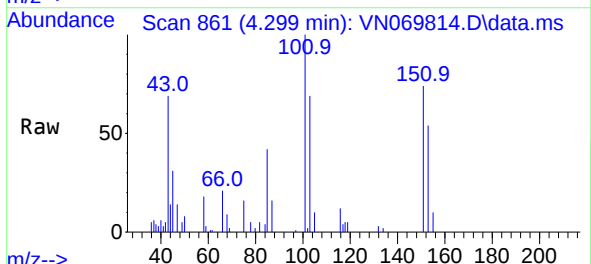
Instrument :
MSVOA_N
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RE134D3-20211202

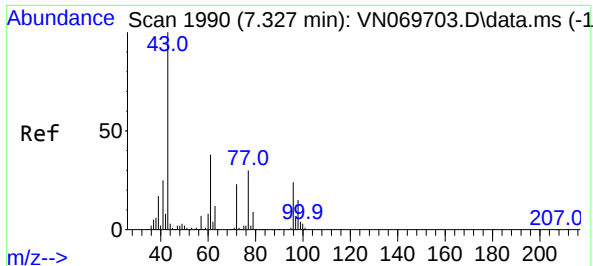
Tgt Ion: 96 Resp: 45554
Ion Ratio Lower Upper
96 100
61 163.3 131.0 196.6
98 54.0 52.4 78.6



#16
Acetone
Concen: 1.84 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.008 min
Lab File: VN069814.D
Acq: 7 Dec 2021 14:59

Tgt Ion: 43 Resp: 22623
Ion Ratio Lower Upper
43 100
58 27.8 23.1 34.7

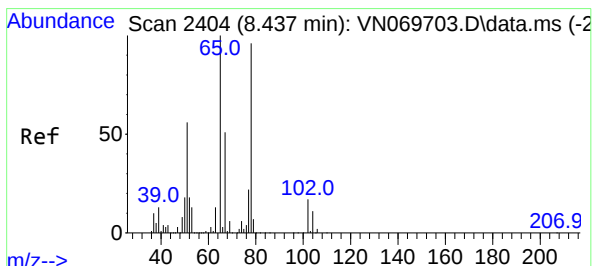
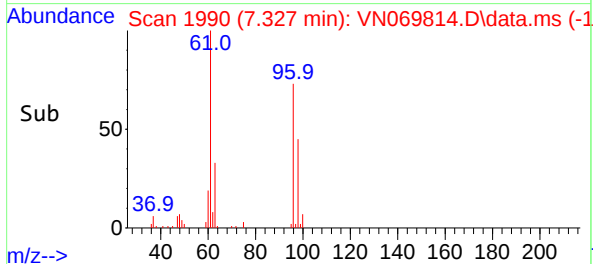
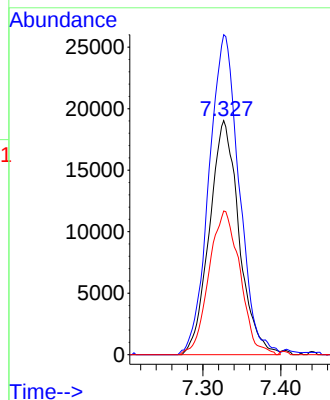
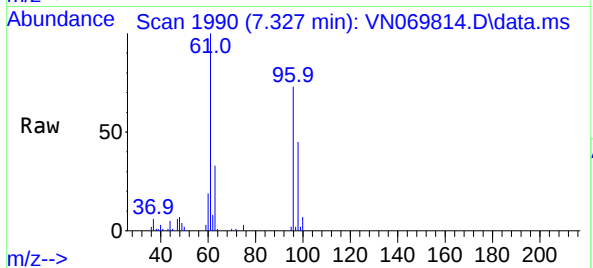




#27
 cis-1,2-Dichloroethene
 Concen: 3.04 ug/l
 RT: 7.327 min Scan# 1990
 Delta R.T. 0.000 min
 Lab File: VN069814.D
 Acq: 7 Dec 2021 14:59

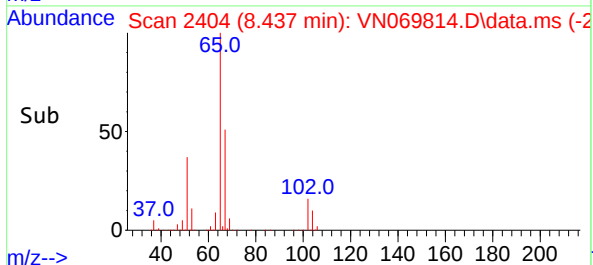
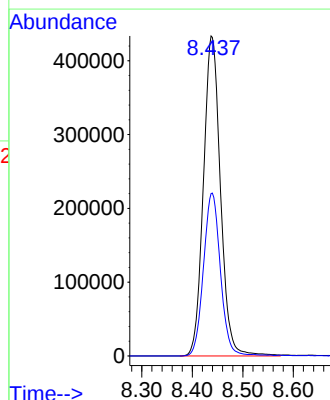
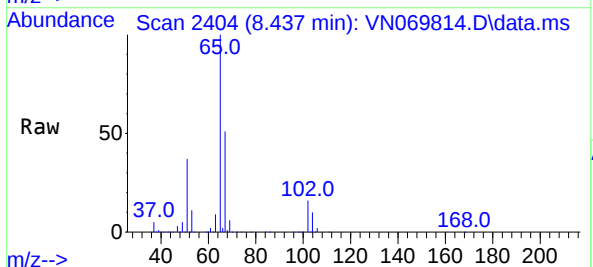
Instrument :
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 ClientSampleId :
 RE134D3-20211202

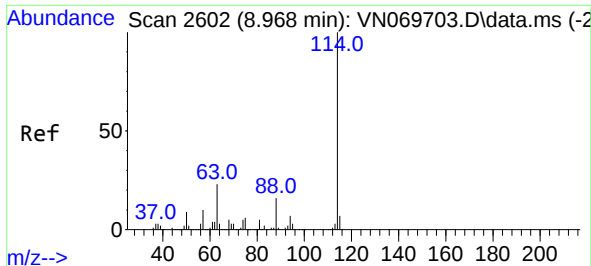
Tgt Ion: 96 Resp: 50332
 Ion Ratio Lower Upper
 96 100
 61 139.2 0.0 275.0
 98 64.3 0.0 129.6



#33
 1,2-Dichloroethane-d4
 Concen: 49.78 ug/l
 RT: 8.437 min Scan# 2404
 Delta R.T. 0.000 min
 Lab File: VN069814.D
 Acq: 7 Dec 2021 14:59

Tgt Ion: 65 Resp: 1018563
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 103.0

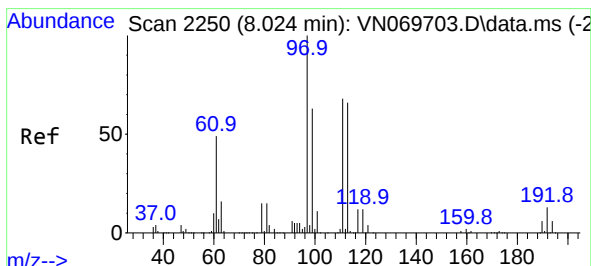
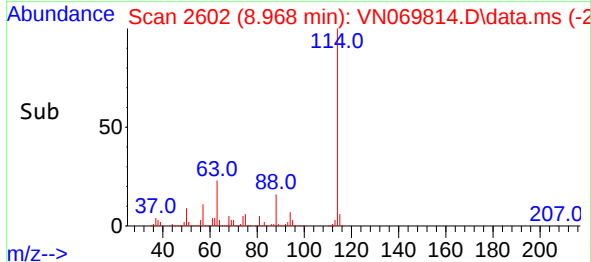
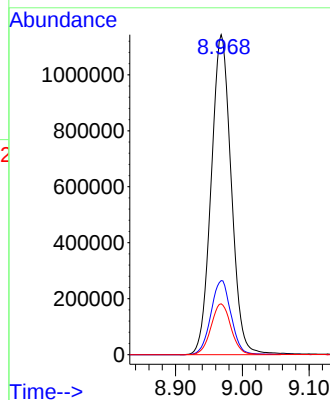
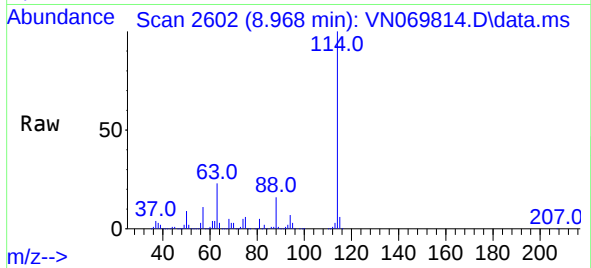




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.968 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN069814.D
Acq: 7 Dec 2021 14:59

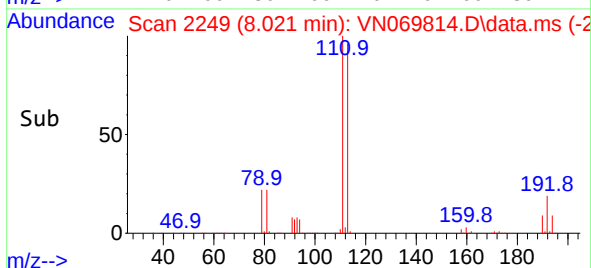
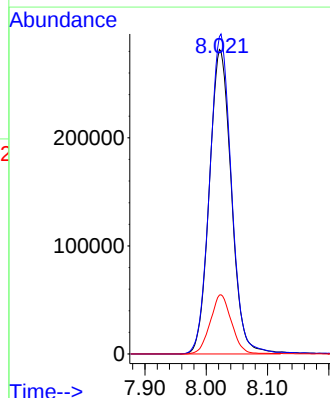
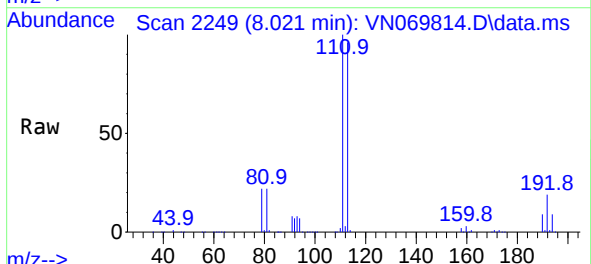
Instrument :
MSVOA_N
ClientSampleId :
RE134D3-20211202

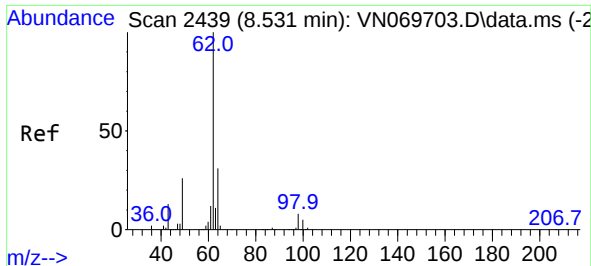
Tgt Ion:114 Resp: 2381106
Ion Ratio Lower Upper
114 100
63 23.2 0.0 37.8
88 15.9 0.0 27.4



#35
Dibromofluoromethane
Concen: 47.12 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. -0.002 min
Lab File: VN069814.D
Acq: 7 Dec 2021 14:59

Tgt Ion:113 Resp: 702722
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.2
192 18.8 16.9 25.3





#42

1,2-Dichloroethane

Concen: 0.26 ug/l

RT: 8.534 min Scan# 2439

Delta R.T. 0.003 min

Lab File: VN069814.D

Acq: 7 Dec 2021 14:59

Instrument :

MSVOA_N

ClientSampleId :

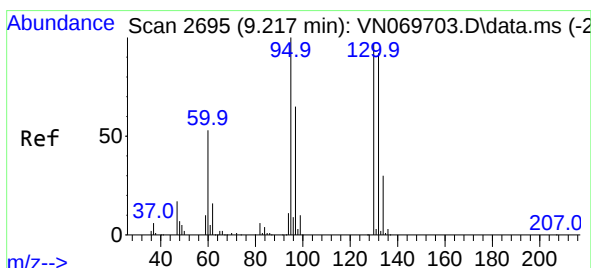
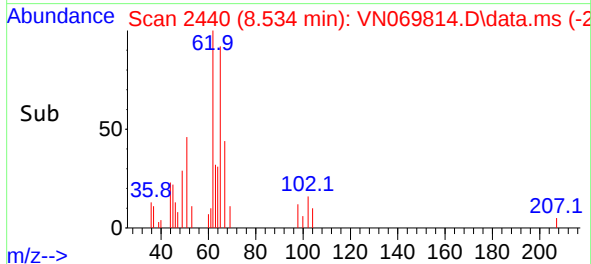
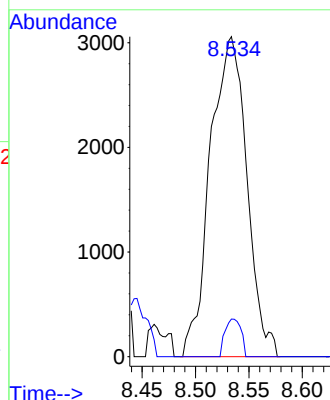
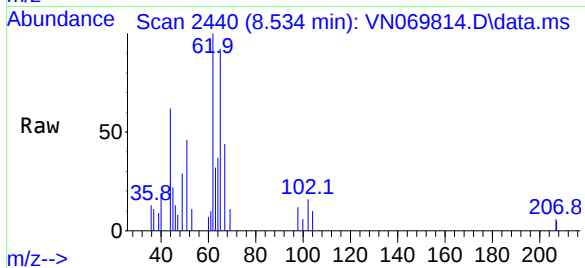
RE134D3-20211202

Tgt Ion: 62 Resp: 7290

Ion Ratio Lower Upper

62 100

98 5.1 0.0 17.6



#44

Trichloroethene

Concen: 140.52 ug/l

RT: 9.218 min Scan# 2695

Delta R.T. 0.001 min

Lab File: VN069814.D

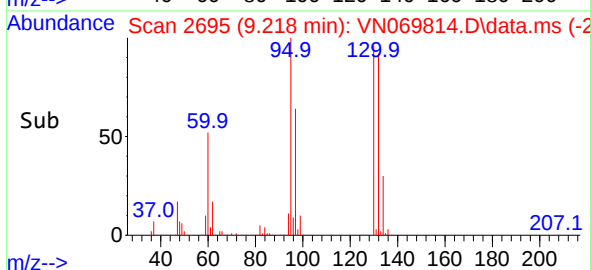
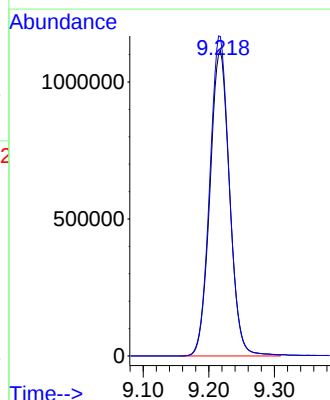
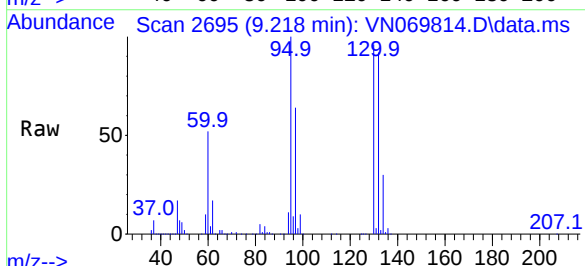
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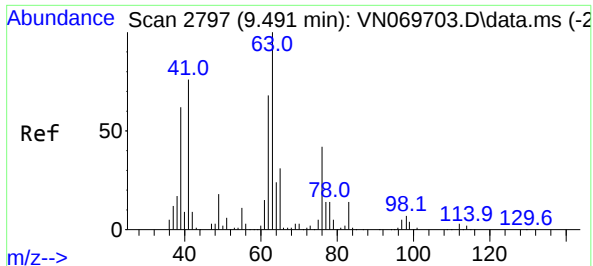
Tgt Ion:130 Resp: 2323860

Ion Ratio Lower Upper

130 100

95 104.7 0.0 191.2





#45

1,2-Dichloropropane

Concen: 0.49 ug/l

RT: 9.488 min Scan# 21

Delta R.T. -0.002 min

Lab File: VN069814.D

Acq: 7 Dec 2021 14:59

Instrument :

MSVOA_N

ClientSampleId :

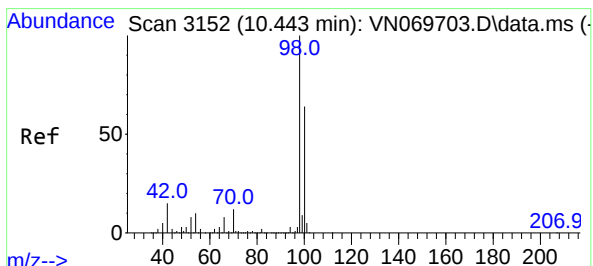
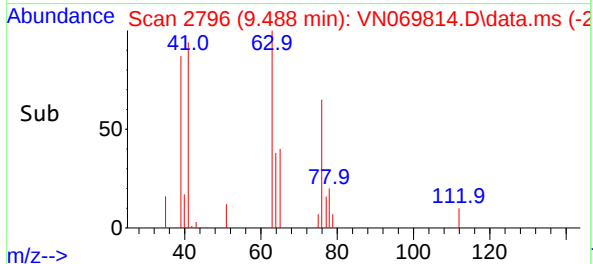
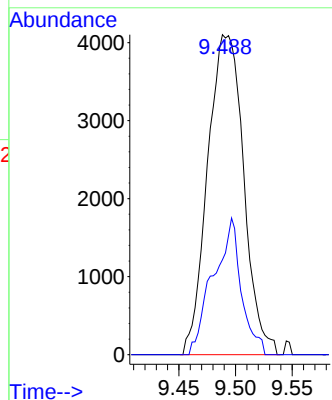
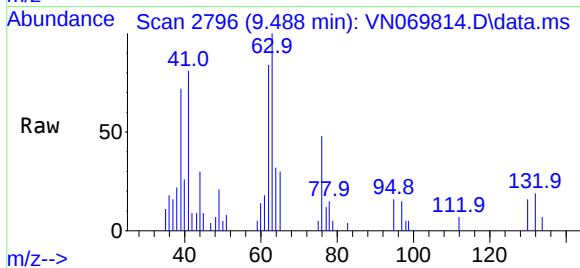
RE134D3-20211202

Tgt Ion: 63 Resp: 9081

Ion Ratio Lower Upper

63 100

65 29.7 24.7 37.1



#50

Toluene-d8

Concen: 51.44 ug/l

RT: 10.441 min Scan# 3151

Delta R.T. -0.002 min

Lab File: VN069814.D

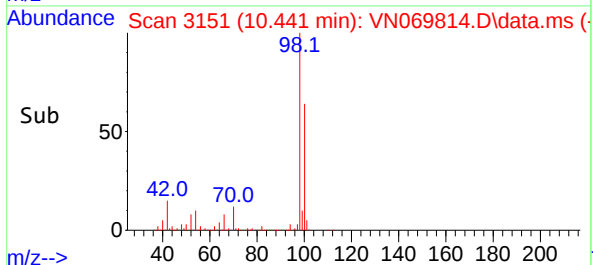
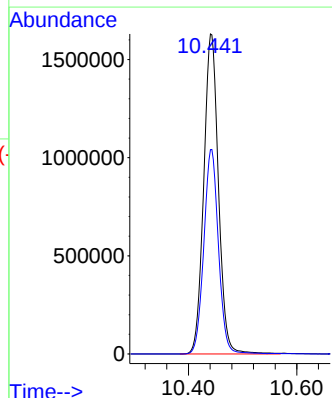
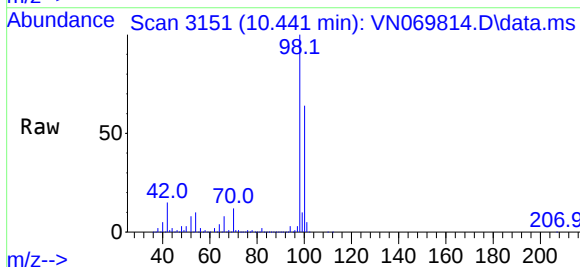
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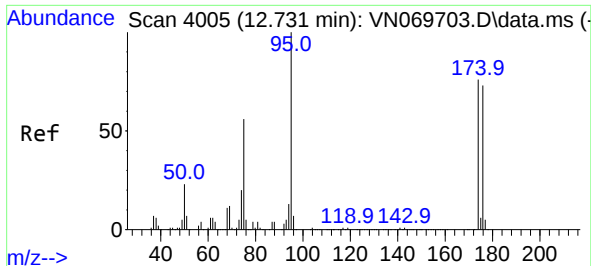
Tgt Ion: 98 Resp: 3080718

Ion Ratio Lower Upper

98 100

100 63.4 50.4 75.6

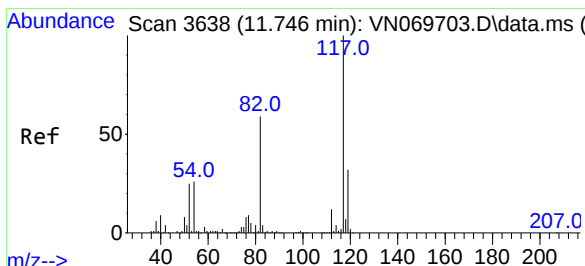
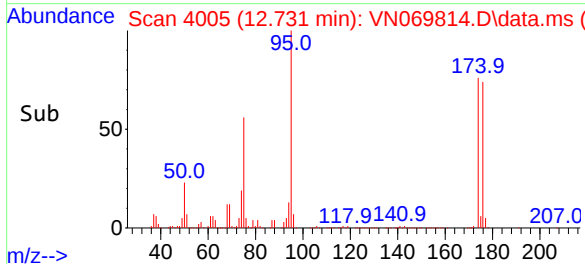
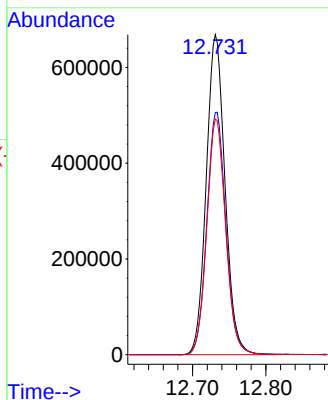
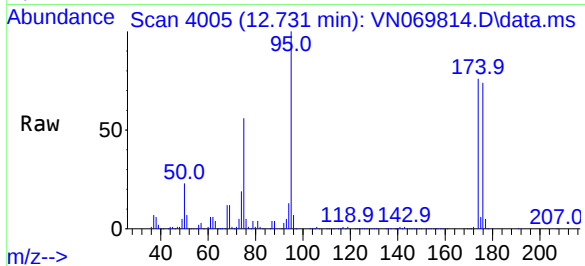




#62
4-Bromofluorobenzene
Concen: 54.79 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069814.D
Acq: 7 Dec 2021 14:59

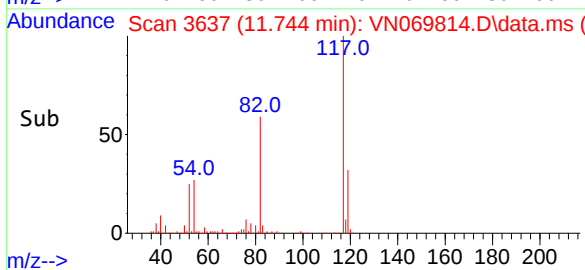
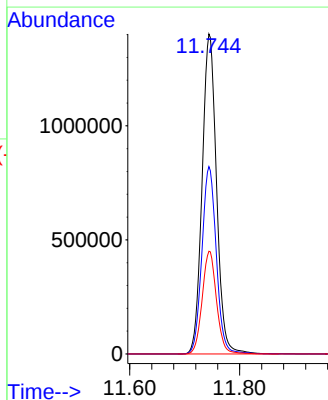
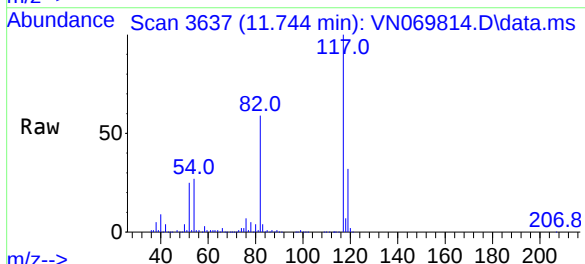
Instrument :
MSVOA_N
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RE134D3-20211202

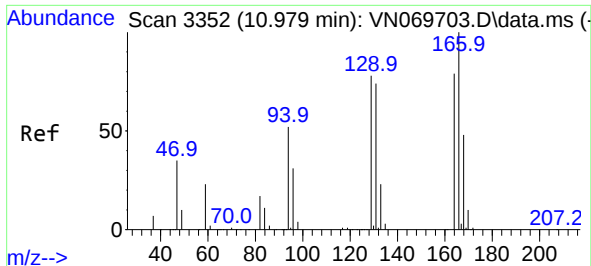
Tgt Ion: 95 Resp: 1188818
Ion Ratio Lower Upper
95 100
174 76.8 0.0 187.2
176 73.9 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN069814.D
Acq: 7 Dec 2021 14:59

Tgt Ion: 117 Resp: 2553730
Ion Ratio Lower Upper
117 100
82 58.5 42.4 63.6
119 32.1 25.4 38.2

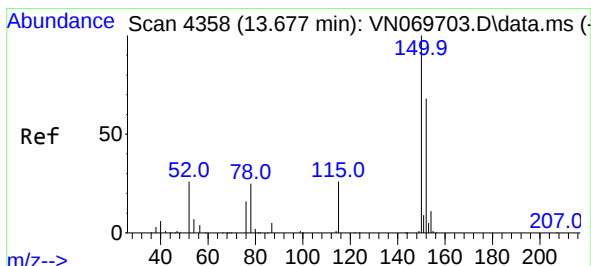
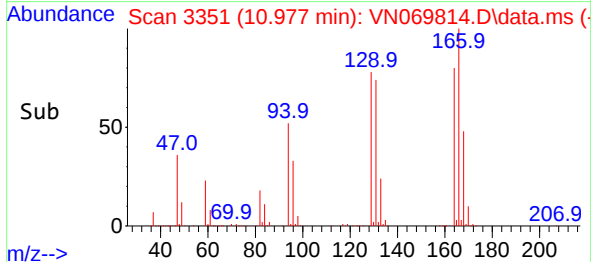
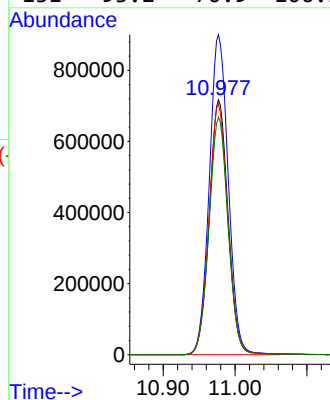
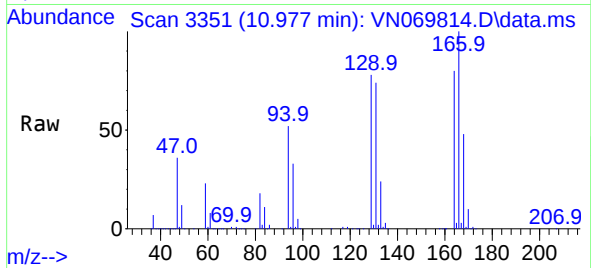




#64
Tetrachloroethene
Concen: 75.79 ug/l
RT: 10.977 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN069814.D
Acq: 7 Dec 2021 14:59

Instrument :
MSVOA_N
ClientSampleId :
RE134D3-20211202

Tgt Ion:164 Resp: 1312336
Ion Ratio Lower Upper
164 100
166 125.6 101.9 152.9
129 98.4 72.0 108.0
131 93.2 70.9 106.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.002 min
Lab File: VN069814.D
Acq: 7 Dec 2021 14:59

Tgt Ion:152 Resp: 972129
Ion Ratio Lower Upper
152 100
115 61.1 27.5 82.5
150 158.7 0.0 344.4

