

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010622\
 Data File : VN070531.D
 Acq On : 6 Jan 2022 20:15
 Operator : JC/MD
 Sample : N1016-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 E3

Quant Time: Jan 08 01:43:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

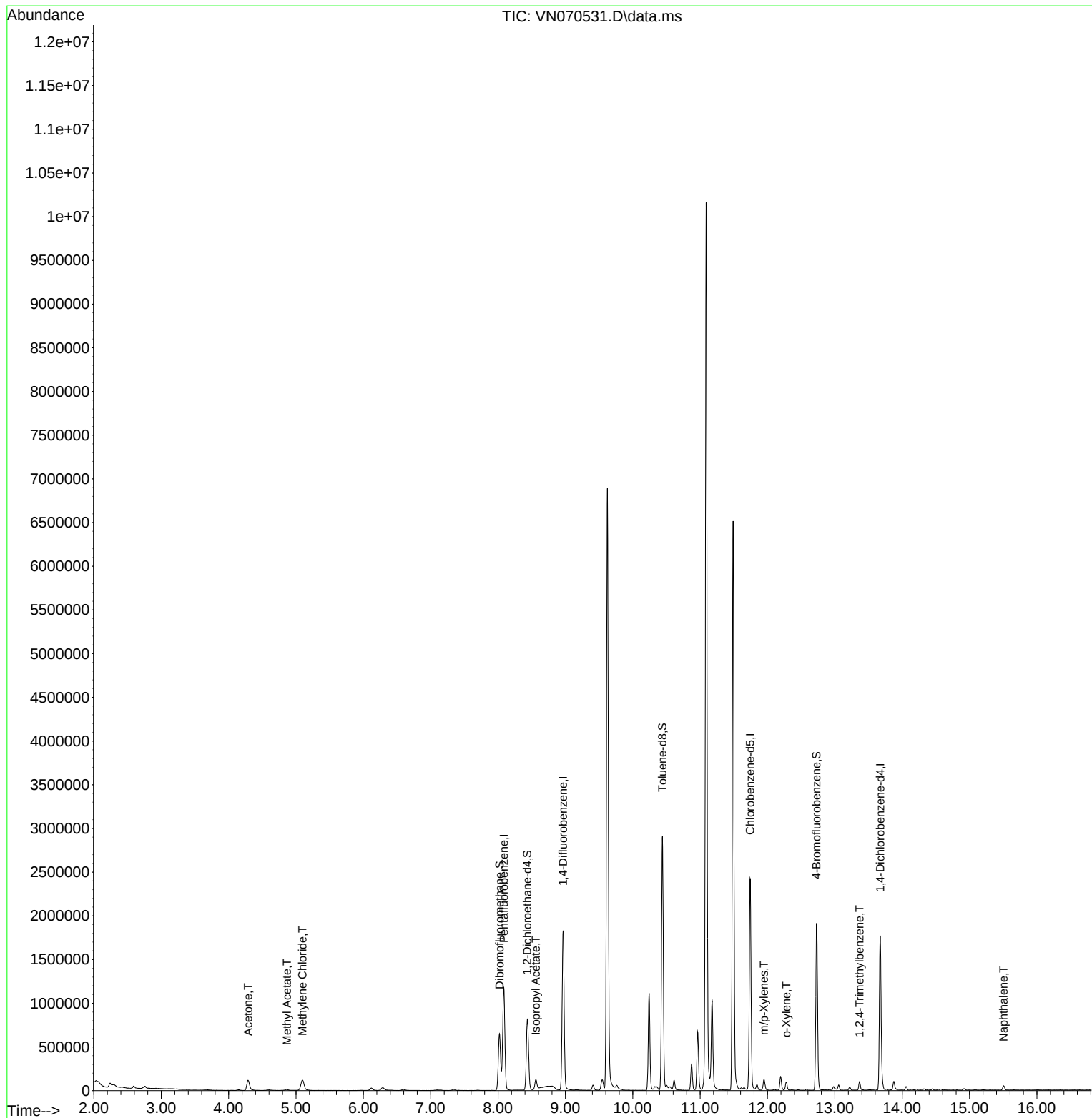
Internal Standards						
1) Pentafluorobenzene	8.086	168	910863	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1570870	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1414284	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	492619	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	695981	53.143	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 106.280%	
35) Dibromofluoromethane	8.021	113	489263	51.477	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 102.960%	
50) Toluene-d8	10.440	98	1998368	51.468	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 102.940%	
62) 4-Bromofluorobenzene	12.728	95	712375	50.799	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 101.600%	
Target Compounds						
					Qvalue	
16) Acetone	4.288	43	222768	26.203	ug/l	99
18) Methyl Acetate	4.867	43	26728	1.087	ug/l #	72
20) Methylene Chloride	5.095	84	91105	7.745	ug/l #	88
43) Isopropyl Acetate	8.560	43	156293	4.864	ug/l #	83
68) m/p-Xylenes	11.948	106	38122	1.905	ug/l	94
69) o-Xylene	12.280	106	25834	1.298	ug/l	96
84) 1,2,4-Trimethylbenzene	13.366	105	57768	1.636	ug/l	96
95) Naphthalene	15.504	128	47827	3.851	ug/l	99

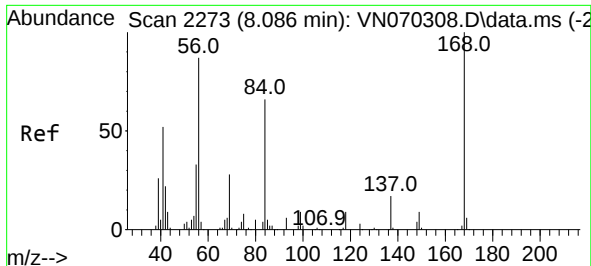
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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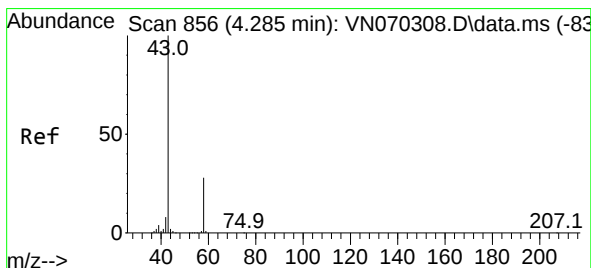
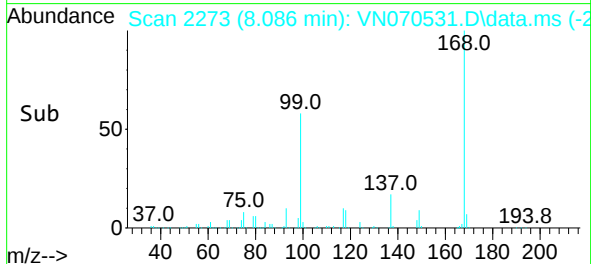
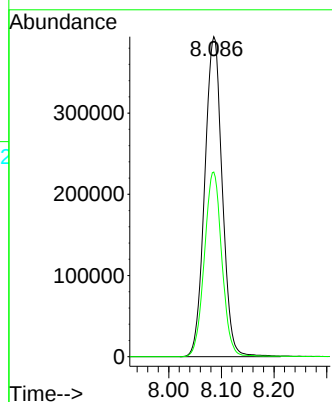
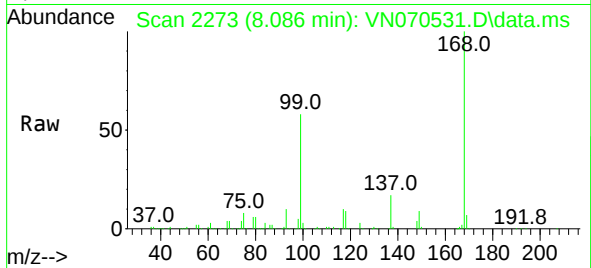




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070531.D
Acq: 6 Jan 2022 20:15

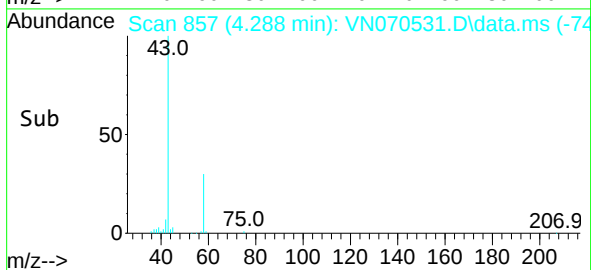
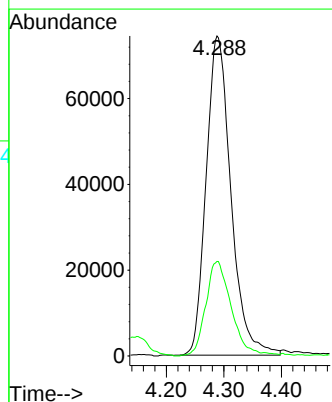
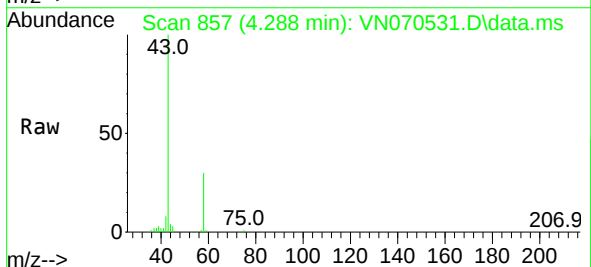
Instrument :
MSVOA_N
ClientSampleId :
E3

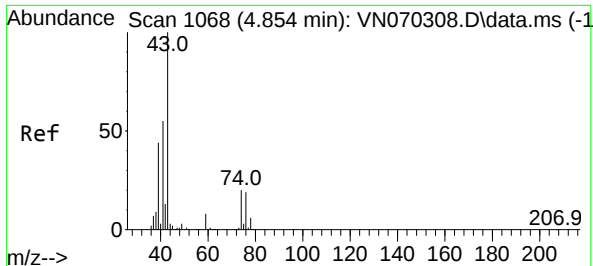
Tgt Ion:168 Resp: 910863
Ion Ratio Lower Upper
168 100
99 57.7 41.3 61.9



#16
Acetone
Concen: 26.203 ug/l
RT: 4.288 min Scan# 857
Delta R.T. 0.003 min
Lab File: VN070531.D
Acq: 6 Jan 2022 20:15

Tgt Ion: 43 Resp: 222768
Ion Ratio Lower Upper
43 100
58 29.6 23.1 34.7





#18

Methyl Acetate

Concen: 1.087 ug/l

RT: 4.867 min Scan# 1068

Delta R.T. 0.013 min

Lab File: VN070531.D

Acq: 6 Jan 2022 20:15

Instrument :

MSVOA_N

ClientSampleId :

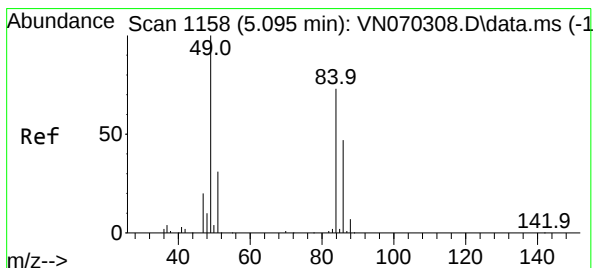
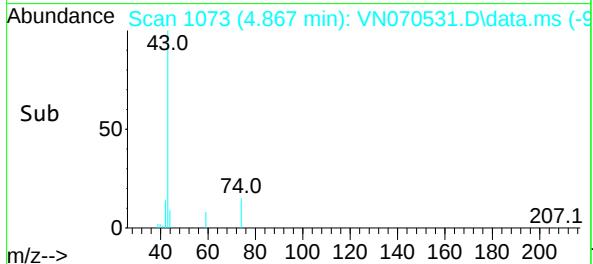
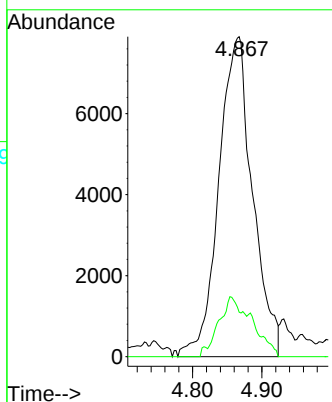
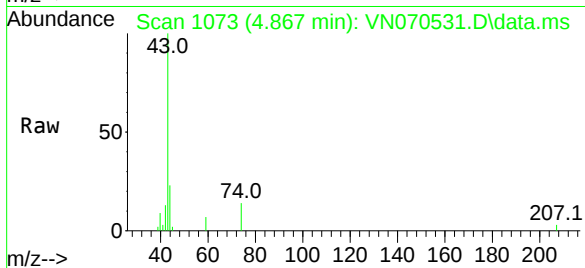
E3

Tgt Ion: 43 Resp: 26728

Ion Ratio Lower Upper

43 100

74 10.3 19.4 29.2#



#20

Methylene Chloride

Concen: 7.745 ug/l

RT: 5.095 min Scan# 1158

Delta R.T. 0.000 min

Lab File: VN070531.D

Acq: 6 Jan 2022 20:15

Tgt Ion: 84 Resp: 91105

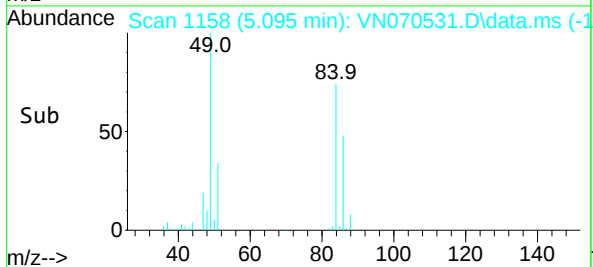
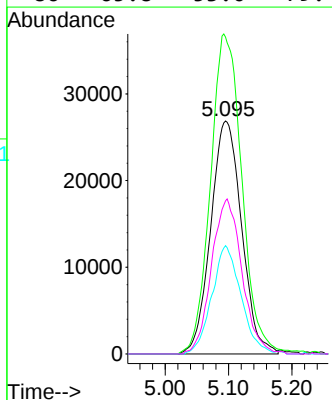
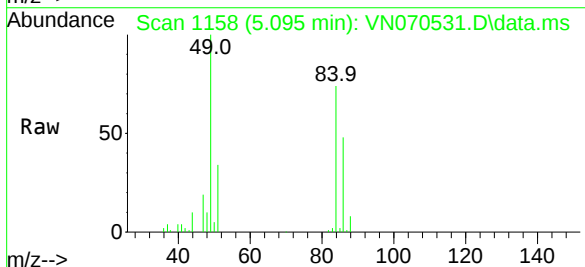
Ion Ratio Lower Upper

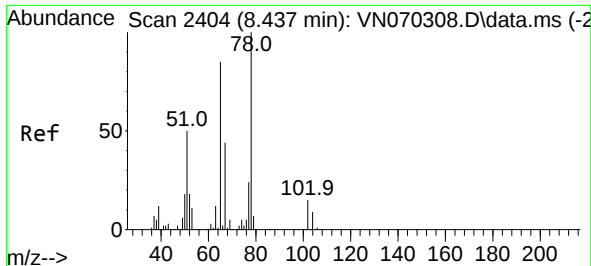
84 100

49 136.0 93.5 140.3

51 46.5 29.4 44.2#

86 65.8 53.0 79.4





#33

1,2-Dichloroethane-d4

Concen: 53.143 ug/l

RT: 8.434 min Scan# 24

Delta R.T. -0.003 min

Lab File: VN070531.D

Acq: 6 Jan 2022 20:15

Instrument :

MSVOA_N

ClientSampleId :

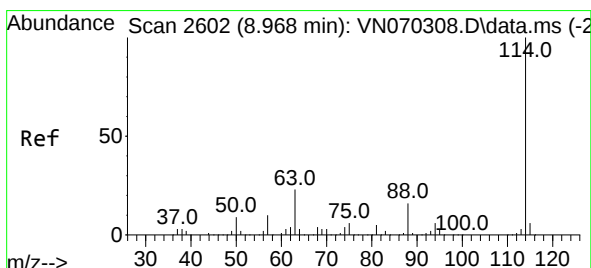
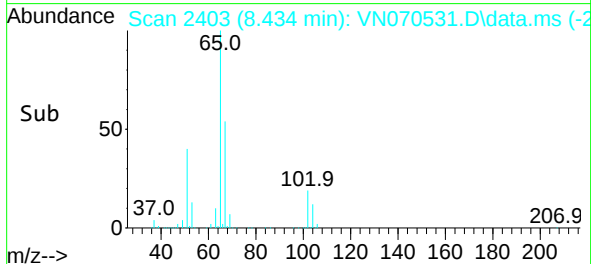
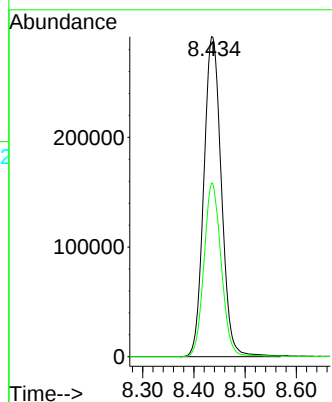
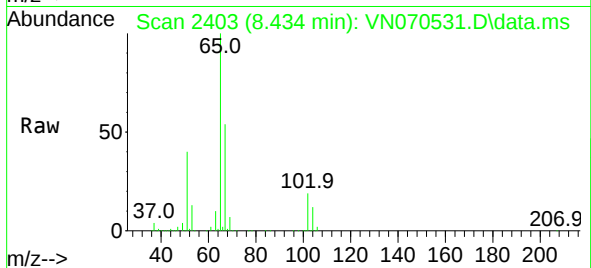
E3

Tgt Ion: 65 Resp: 695981

Ion Ratio Lower Upper

65 100

67 53.2 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2601

Delta R.T. -0.003 min

Lab File: VN070531.D

Acq: 6 Jan 2022 20:15

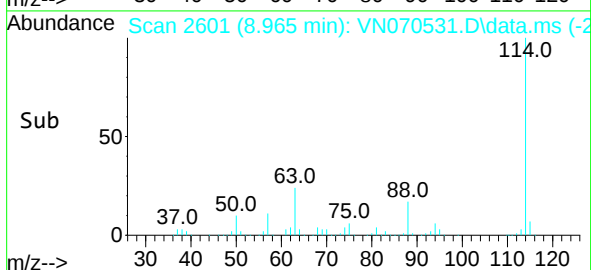
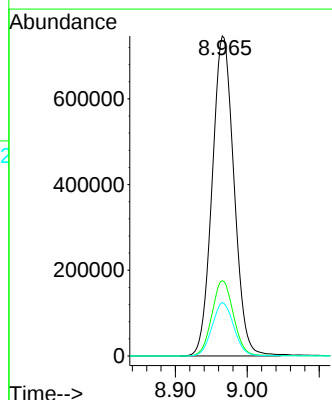
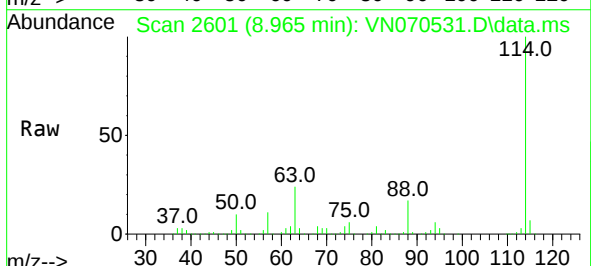
Tgt Ion: 114 Resp: 1570870

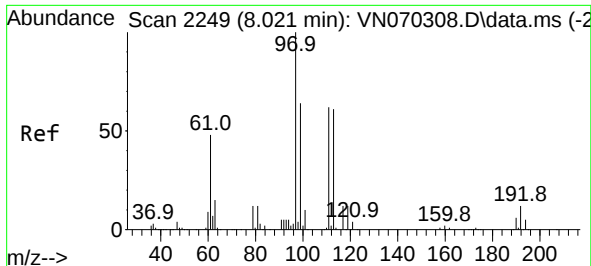
Ion Ratio Lower Upper

114 100

63 23.5 0.0 37.8

88 16.7 0.0 27.4

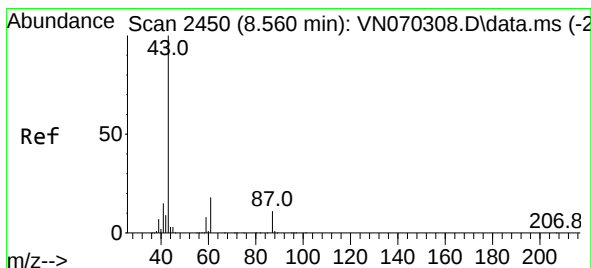
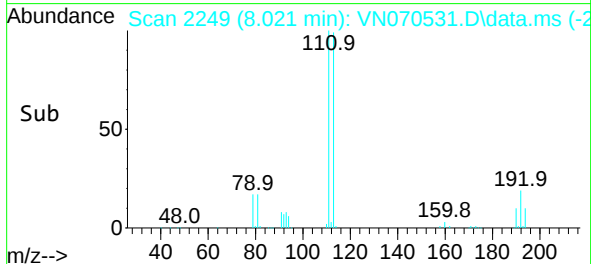
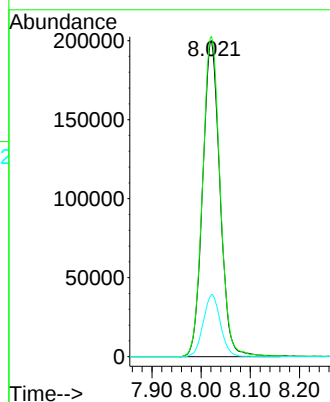
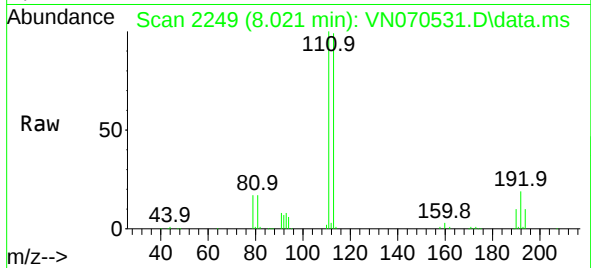




#35
Dibromofluoromethane
Concen: 51.477 ug/l
RT: 8.021 min Scan# 211
Delta R.T. 0.000 min
Lab File: VN070531.D
Acq: 6 Jan 2022 20:15

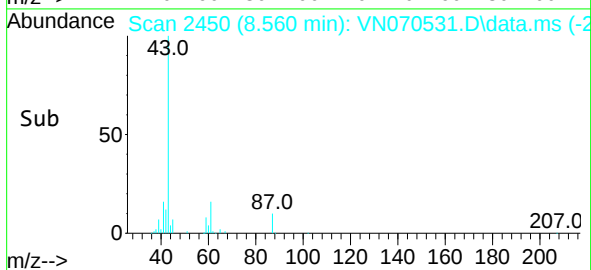
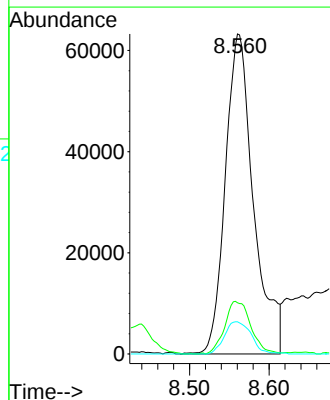
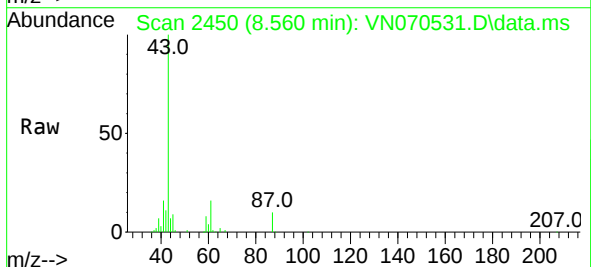
Instrument :
MSVOA_N
ClientSampleId :
E3

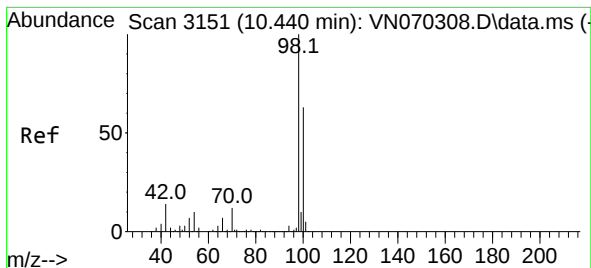
Tgt Ion:113 Resp: 489263
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.2
192 19.5 16.9 25.3



#43
Isopropyl Acetate
Concen: 4.864 ug/l
RT: 8.560 min Scan# 2450
Delta R.T. 0.000 min
Lab File: VN070531.D
Acq: 6 Jan 2022 20:15

Tgt Ion: 43 Resp: 156293
Ion Ratio Lower Upper
43 100
61 15.2 20.4 30.6#
87 9.6 11.2 16.8#





#50

Toluene-d8

Concen: 51.468 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. 0.000 min

Lab File: VN070531.D

Acq: 6 Jan 2022 20:15

Instrument :

MSVOA_N

ClientSampleId :

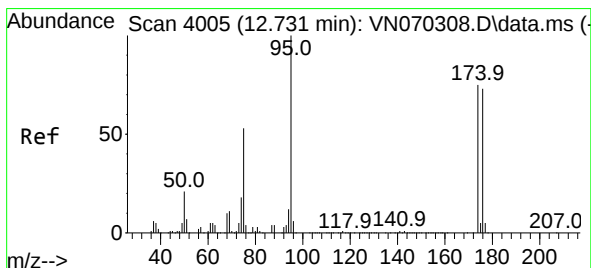
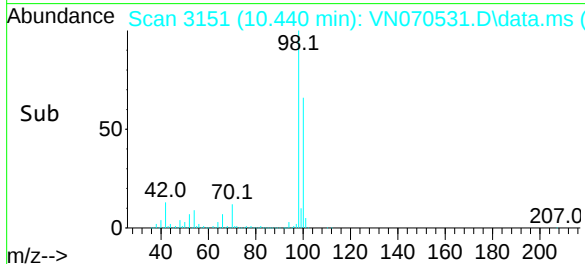
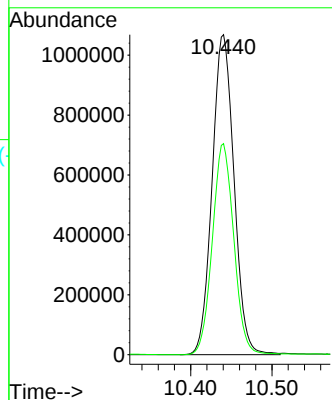
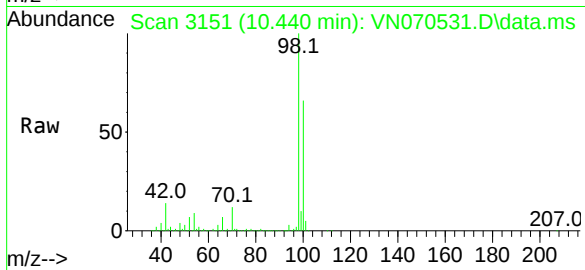
E3

Tgt Ion: 98 Resp: 1998368

Ion Ratio Lower Upper

98 100

100 64.9 50.4 75.6



#62

4-Bromofluorobenzene

Concen: 50.799 ug/l

RT: 12.728 min Scan# 4004

Delta R.T. -0.003 min

Lab File: VN070531.D

Acq: 6 Jan 2022 20:15

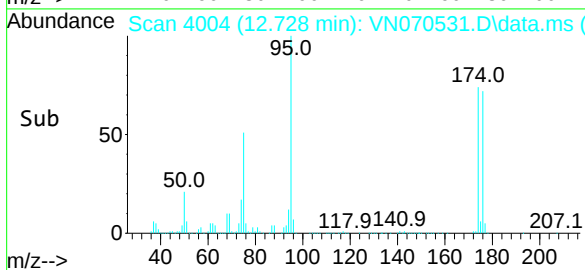
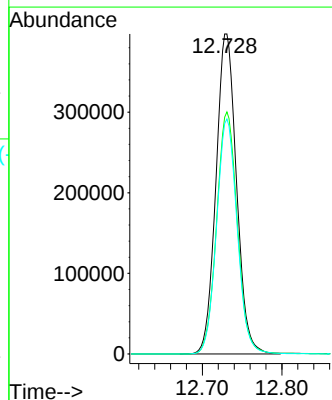
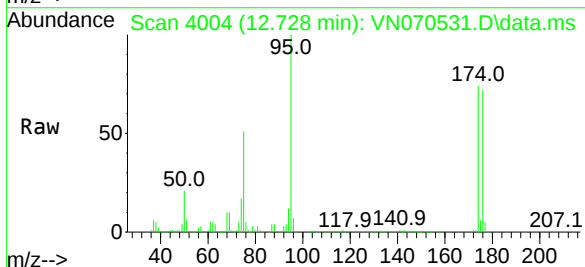
Tgt Ion: 95 Resp: 712375

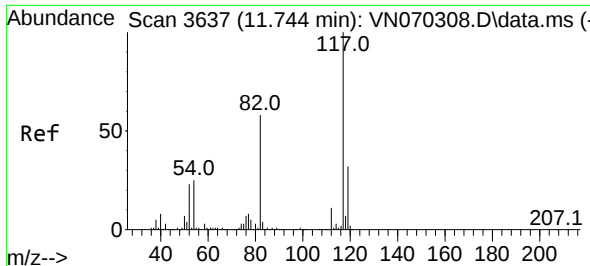
Ion Ratio Lower Upper

95 100

174 76.2 0.0 187.2

176 73.5 0.0 181.4

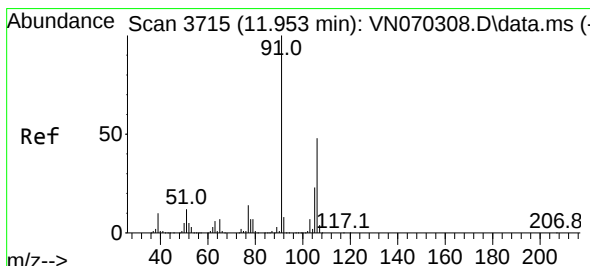
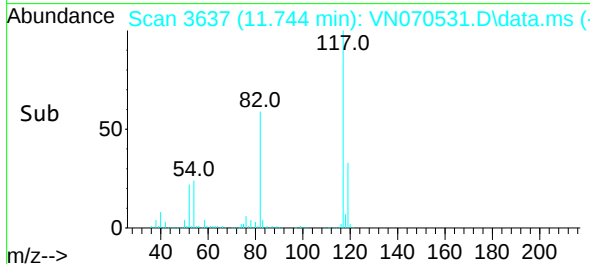
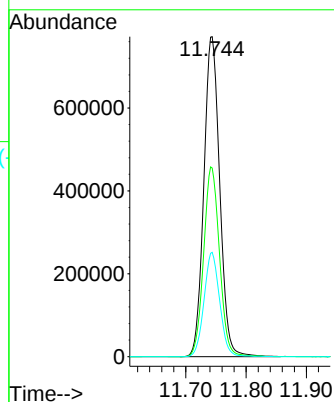
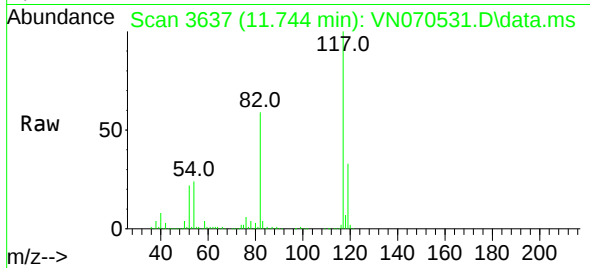




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN070531.D
Acq: 6 Jan 2022 20:15

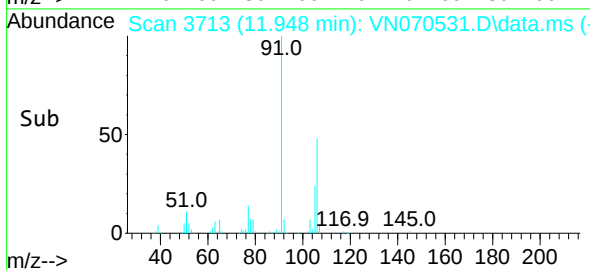
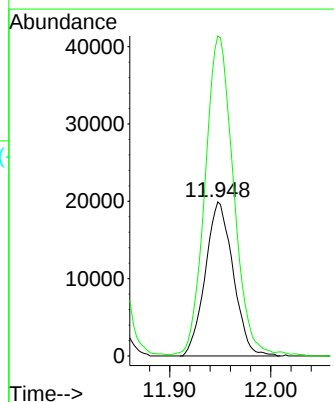
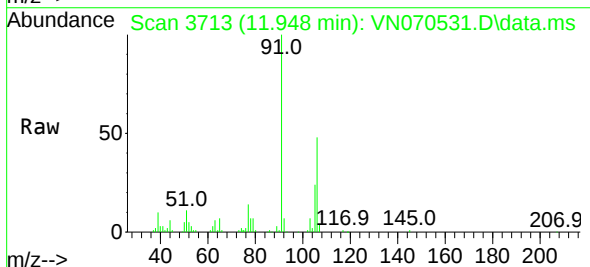
Instrument :
MSVOA_N
ClientSampleId :
E3

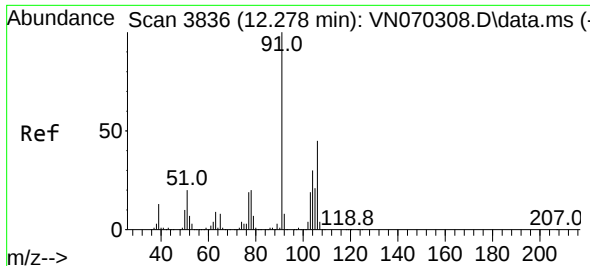
Tgt Ion:117 Resp: 1414284
Ion Ratio Lower Upper
117 100
82 58.9 42.4 63.6
119 32.6 25.4 38.2



#68
m/p-Xylenes
Concen: 1.905 ug/l
RT: 11.948 min Scan# 3713
Delta R.T. -0.005 min
Lab File: VN070531.D
Acq: 6 Jan 2022 20:15

Tgt Ion:106 Resp: 38122
Ion Ratio Lower Upper
106 100
91 209.8 160.6 240.8

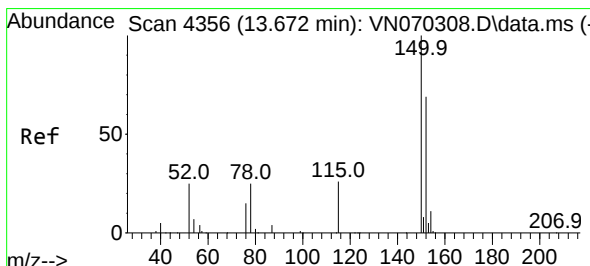
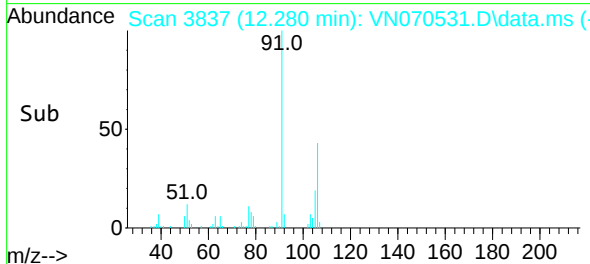
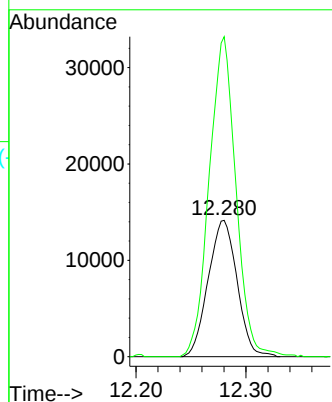
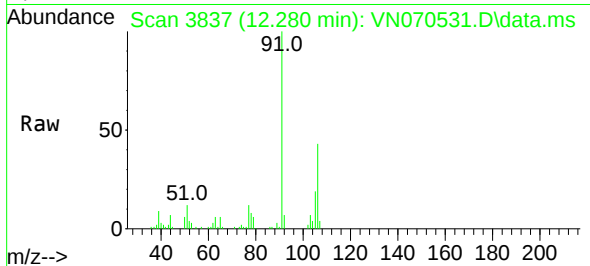




#69
o-Xylene
Concen: 1.298 ug/l
RT: 12.280 min Scan# 31
Delta R.T. 0.002 min
Lab File: VN070531.D
Acq: 6 Jan 2022 20:15

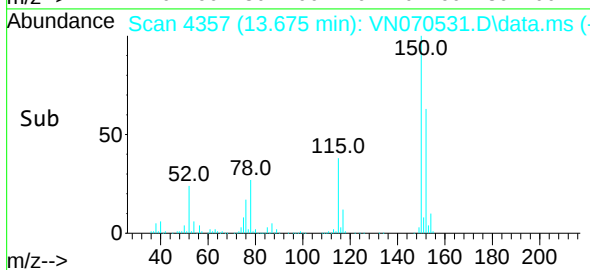
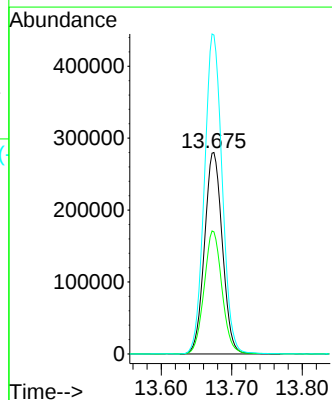
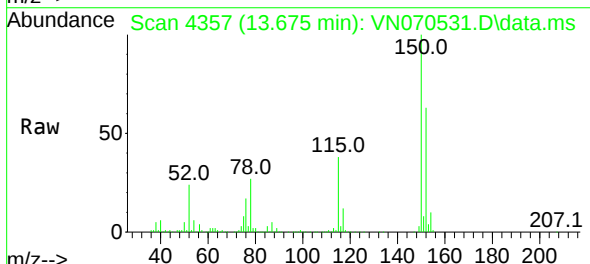
Instrument :
MSVOA_N
ClientSampleId :
E3

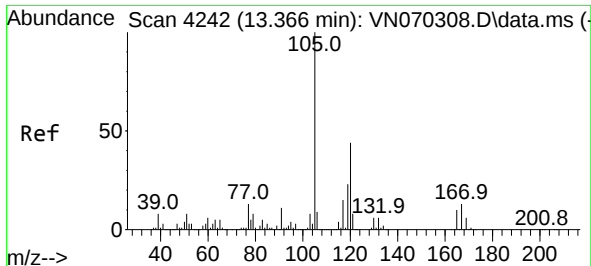
Tgt Ion:106 Resp: 25834
Ion Ratio Lower Upper
106 100
91 217.4 105.8 317.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070531.D
Acq: 6 Jan 2022 20:15

Tgt Ion:152 Resp: 492619
Ion Ratio Lower Upper
152 100
115 60.8 27.5 82.5
150 158.2 0.0 344.4

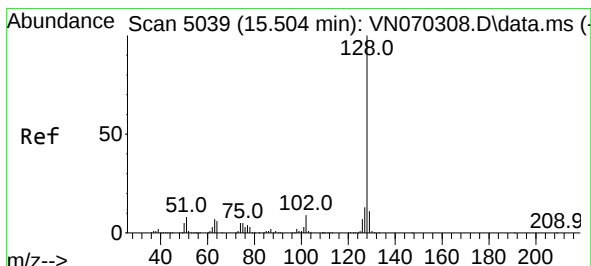
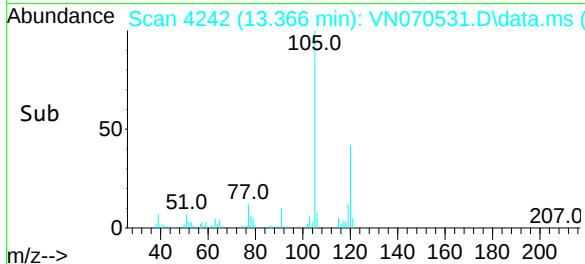
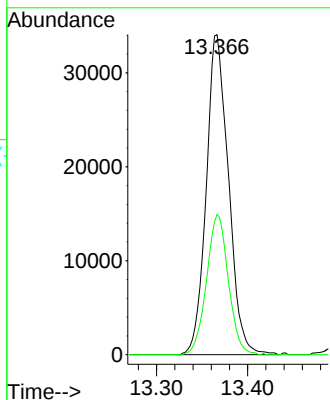
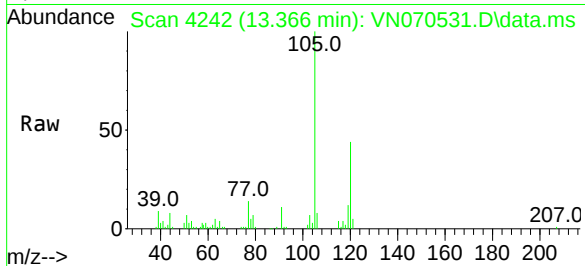




#84
1,2,4-Trimethylbenzene
Concen: 1.636 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. 0.000 min
Lab File: VN070531.D
Acq: 6 Jan 2022 20:15

Instrument :
MSVOA_N
ClientSampleId :
E3

Tgt Ion:105 Resp: 57768
Ion Ratio Lower Upper
105 100
120 42.8 22.8 68.4



#95
Naphthalene
Concen: 3.851 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.000 min
Lab File: VN070531.D
Acq: 6 Jan 2022 20:15

Tgt Ion:128 Resp: 47827
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 11.3 8.7 13.1

