

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010622\
 Data File : VN070522.D
 Acq On : 6 Jan 2022 16:27
 Operator : JC/MD
 Sample : N1012-07DL 40X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 08 01:40:15 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)

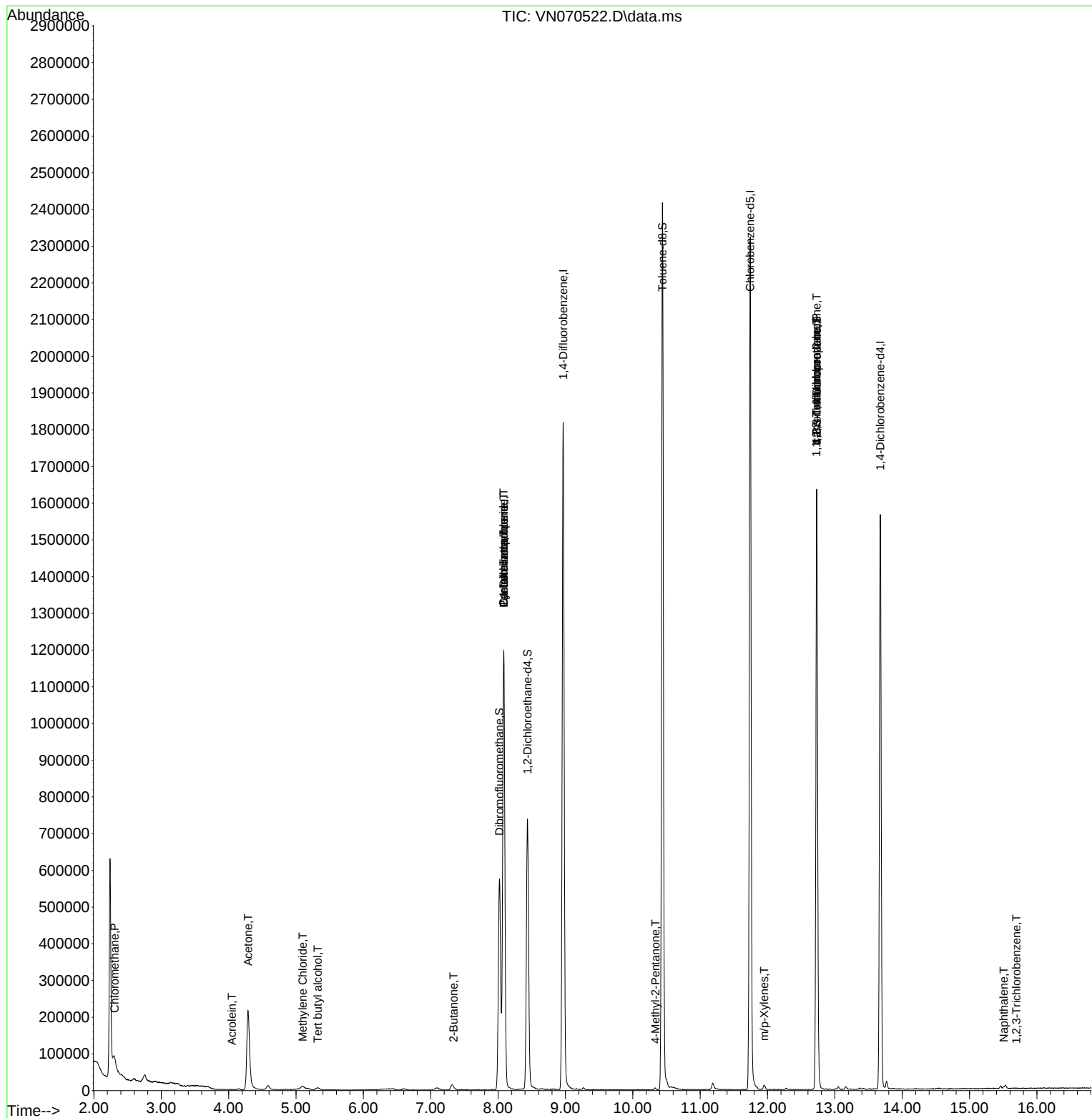
Internal Standards						
1) Pentafluorobenzene	8.086	168	924209	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1572465	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1365646	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	454916	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	611012	45.981	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	91.960%
35) Dibromofluoromethane	8.018	113	431638	45.368	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	90.740%
50) Toluene-d8	10.440	98	1719857	44.250	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	88.500%
62) 4-Bromofluorobenzene	12.731	95	606885	43.232	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	86.460%
Target Compounds						
					Qvalue	
3) Chloromethane	2.306	50	5428	0.381	ug/l #	75
11) Tert butyl alcohol	5.323	59	1170	0.529	ug/l #	71
13) Acrolein	4.047	56	595	0.331	ug/l #	67
16) Acetone	4.288	43	414210	48.018	ug/l	98
20) Methylene Chloride	5.098	84	4774	0.400	ug/l #	94
25) 2-Butanone	7.340	43	6716	0.618	ug/l #	84
31) Cyclohexane	8.083	56	20860	0.995	ug/l #	11
36) 1,1-Dichloropropene	8.083	75	73596	4.676	ug/l #	48
38) Carbon Tetrachloride	8.083	117	90592	6.028	ug/l #	16
51) 4-Methyl-2-Pentanone	10.336	43	4121	0.204	ug/l #	86
68) m/p-Xylenes	11.953	106	4372	0.226	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.728	83	322	0.468	ug/l #	1
76) 1,2,3-Trichloropropane	12.731	75	314058	24.778	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.731	75	314058	84.347	ug/l #	5
95) Naphthalene	15.507	128	4582	2.010	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.697	180	280	0.864	ug/l #	72

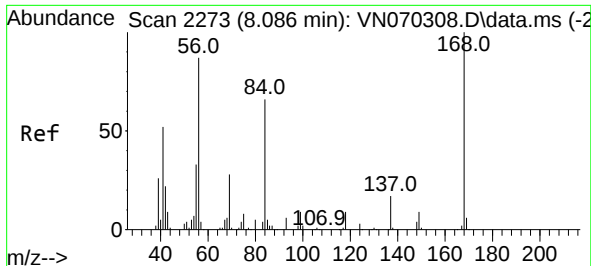
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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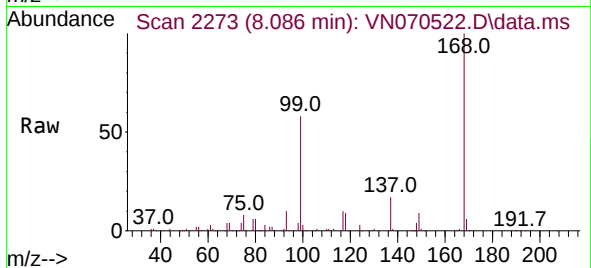
Quant Time: Jan 08 01:40:15 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260
QLast Update : Mon Dec 27 18:47:12 2021
Response via : Initial Calibration



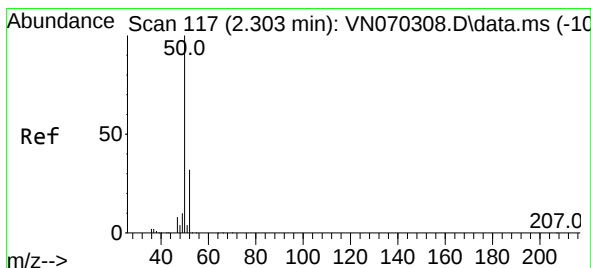
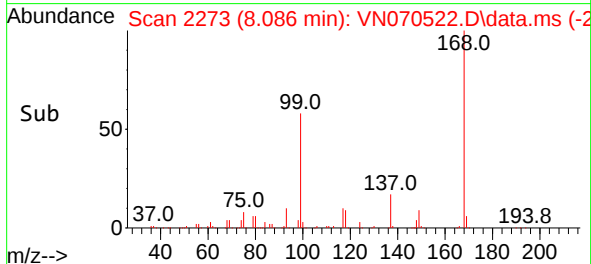
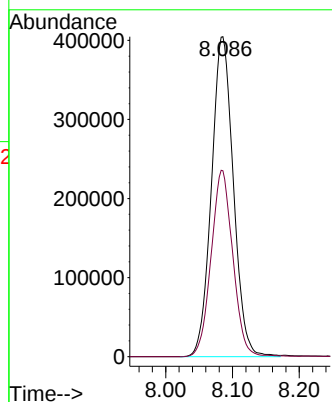


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070522.D
Acq: 6 Jan 2022 16:27

Instrument :
MSVOA_N
ClientSampleId :

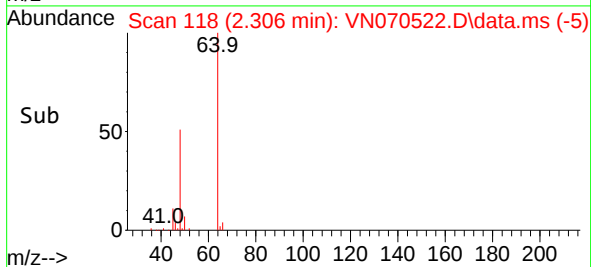
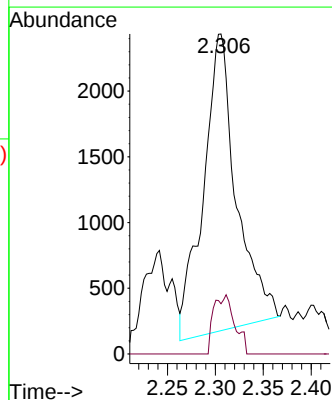
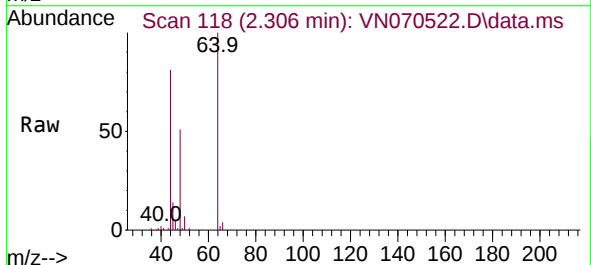


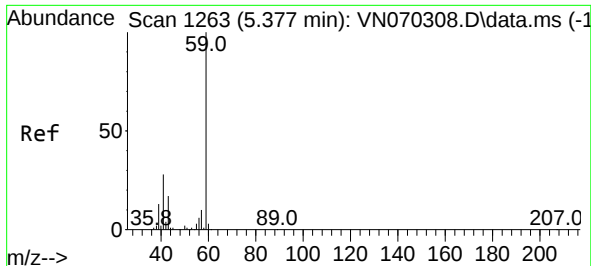
Tgt Ion:168 Resp: 924209
Ion Ratio Lower Upper
168 100
99 58.1 41.3 61.9



#3
Chloromethane
Concen: 0.381 ug/l
RT: 2.306 min Scan# 118
Delta R.T. 0.003 min
Lab File: VN070522.D
Acq: 6 Jan 2022 16:27

Tgt Ion: 50 Resp: 5428
Ion Ratio Lower Upper
50 100
52 17.8 25.4 38.0#





#11

Tert butyl alcohol

Concen: 0.529 ug/l

RT: 5.323 min Scan# 11

Delta R.T. -0.054 min

Lab File: VN070522.D

Acq: 6 Jan 2022 16:27

Instrument :

MSVOA_N

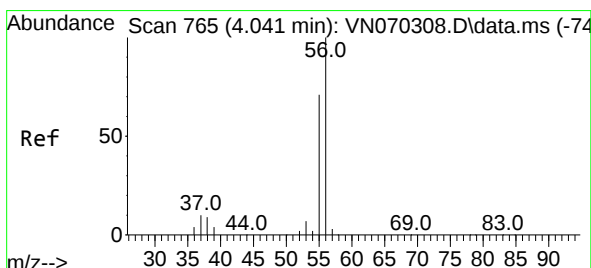
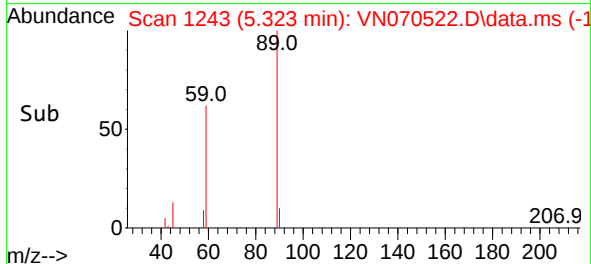
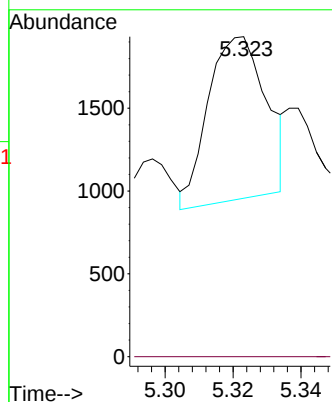
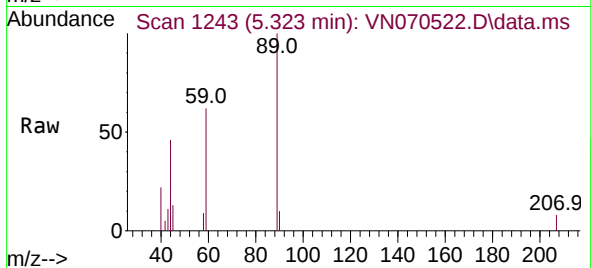
ClientSampleId :

Tgt Ion: 59 Resp: 1170

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#



#13

Acrolein

Concen: 0.331 ug/l

RT: 4.047 min Scan# 767

Delta R.T. 0.005 min

Lab File: VN070522.D

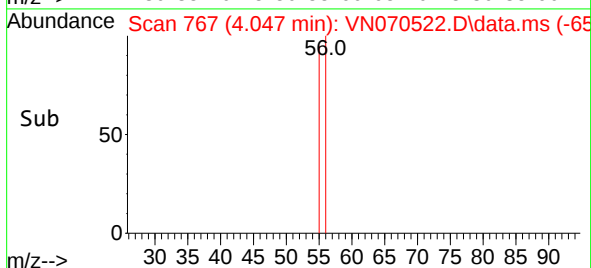
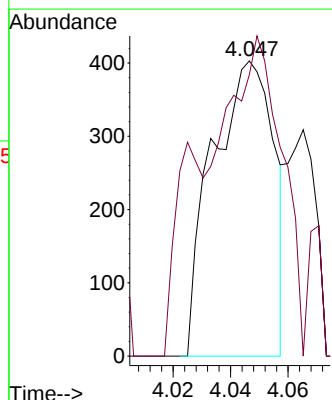
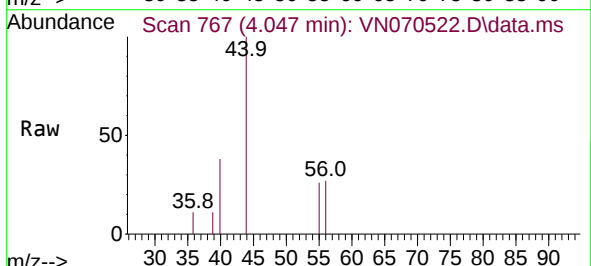
Acq: 6 Jan 2022 16:27

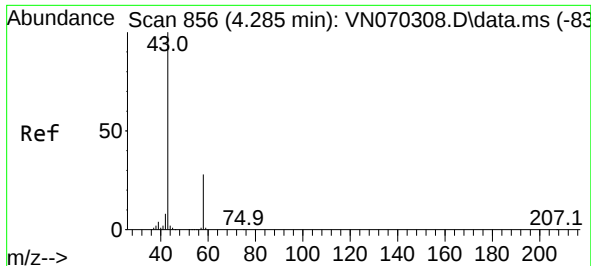
Tgt Ion: 56 Resp: 595

Ion Ratio Lower Upper

56 100

55 97.8 56.6 85.0#

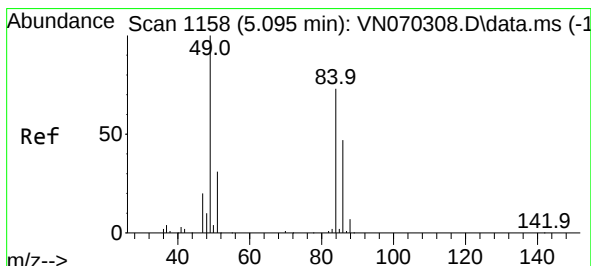
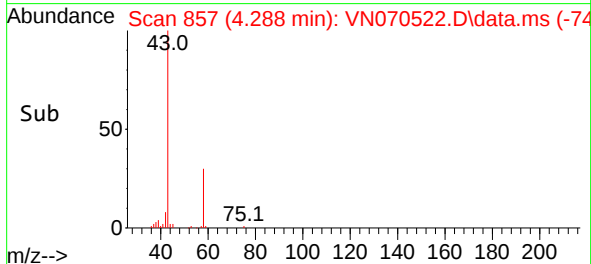
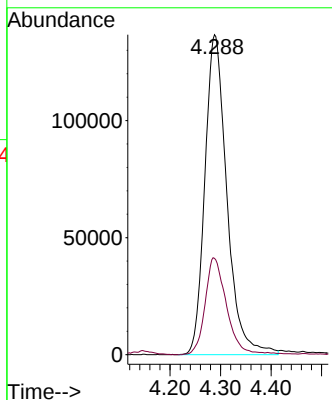
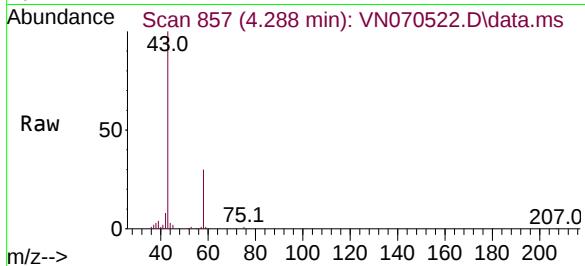




#16
Acetone
Concen: 48.018 ug/l
RT: 4.288 min Scan# 857
Delta R.T. 0.003 min
Lab File: VN070522.D
Acq: 6 Jan 2022 16:27

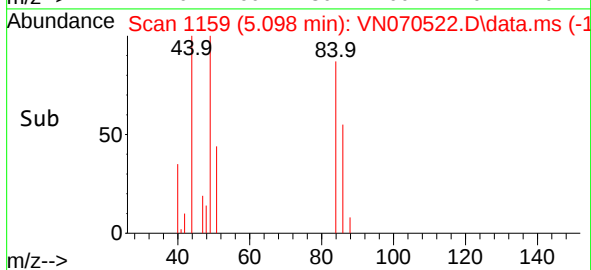
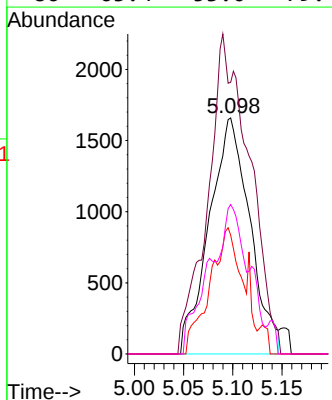
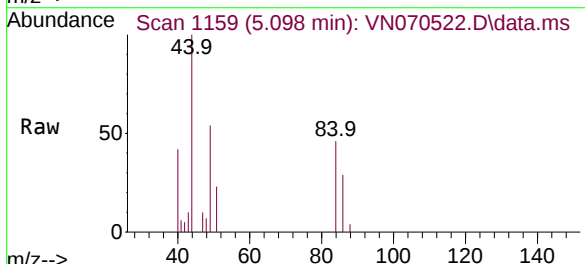
Instrument :
MSVOA_N
ClientSampleId :

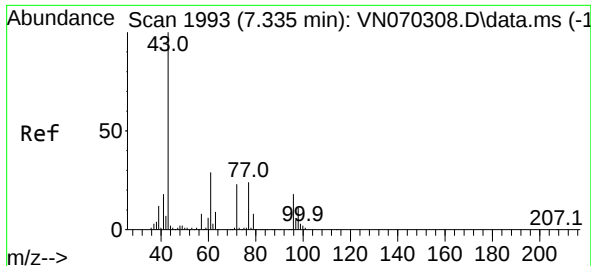
Tgt Ion: 43 Resp: 414210
Ion Ratio Lower Upper
43 100
58 30.1 23.1 34.7



#20
Methylene Chloride
Concen: 0.400 ug/l
RT: 5.098 min Scan# 1159
Delta R.T. 0.003 min
Lab File: VN070522.D
Acq: 6 Jan 2022 16:27

Tgt Ion: 84 Resp: 4774
Ion Ratio Lower Upper
84 100
49 115.1 93.5 140.3
51 50.3 29.4 44.2#
86 63.4 53.0 79.4





#25

2-Butanone

Concen: 0.618 ug/l

RT: 7.340 min Scan# 1993

Delta R.T. 0.005 min

Lab File: VN070522.D

Acq: 6 Jan 2022 16:27

Instrument :

MSVOA_N

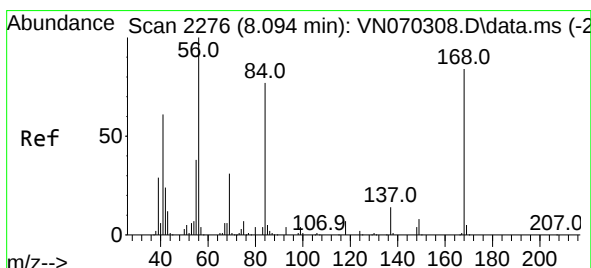
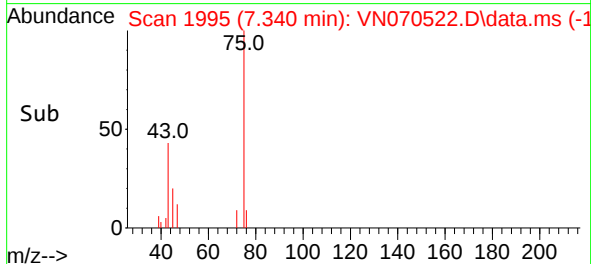
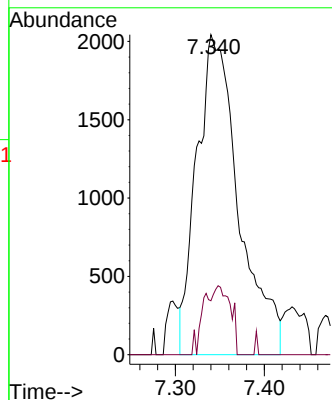
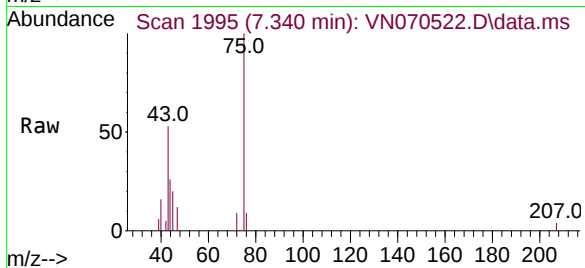
ClientSampleId :

Tgt Ion: 43 Resp: 6716

Ion Ratio Lower Upper

43 100

72 18.9 21.7 32.5#



#31

Cyclohexane

Concen: 0.995 ug/l

RT: 8.083 min Scan# 2272

Delta R.T. -0.011 min

Lab File: VN070522.D

Acq: 6 Jan 2022 16:27

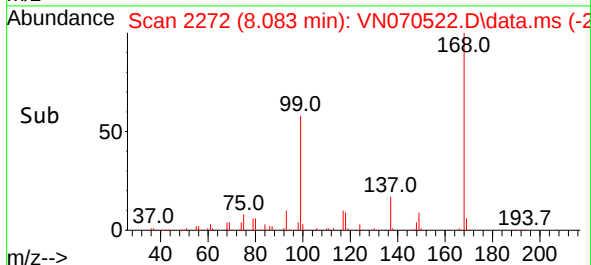
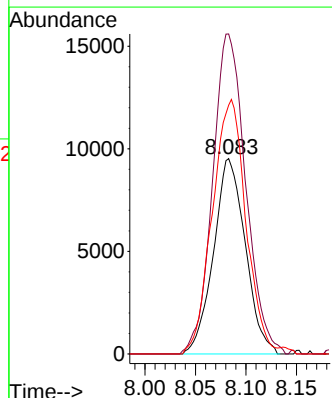
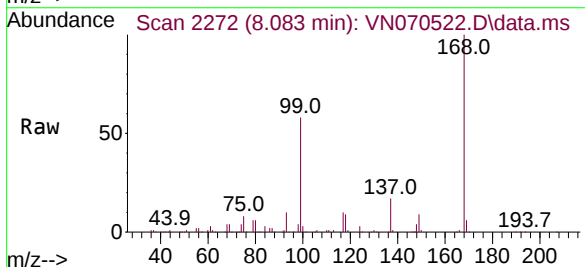
Tgt Ion: 56 Resp: 20860

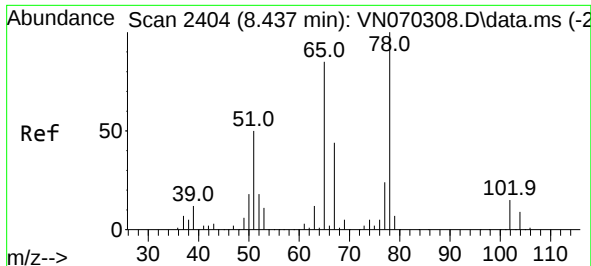
Ion Ratio Lower Upper

56 100

69 163.7 27.1 40.7#

84 127.3 73.4 110.0#





#33

1,2-Dichloroethane-d4

Concen: 45.981 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. -0.000 min

Lab File: VN070522.D

Acq: 6 Jan 2022 16:27

Instrument :

MSVOA_N

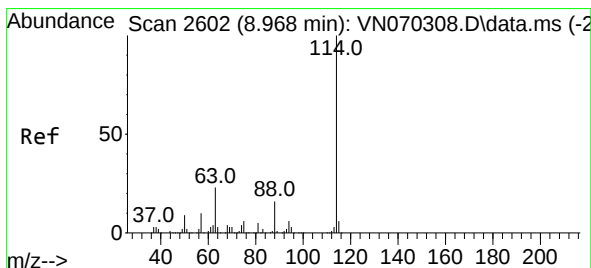
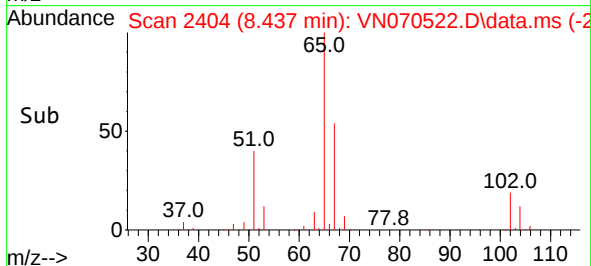
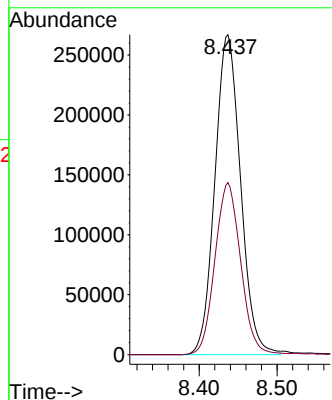
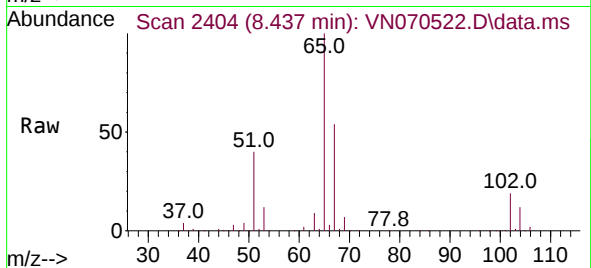
ClientSampleId :

Tgt Ion: 65 Resp: 611012

Ion Ratio Lower Upper

65 100

67 53.8 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. -0.000 min

Lab File: VN070522.D

Acq: 6 Jan 2022 16:27

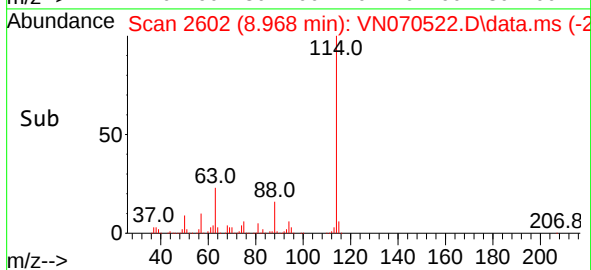
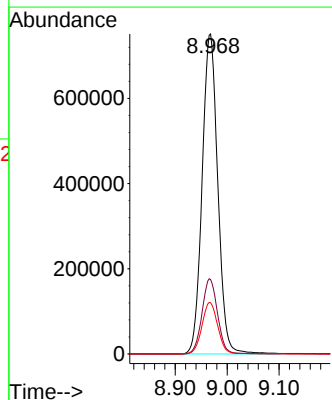
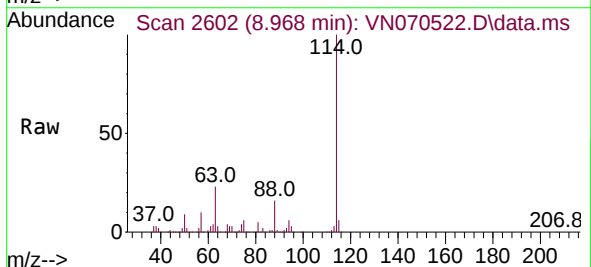
Tgt Ion: 114 Resp: 1572465

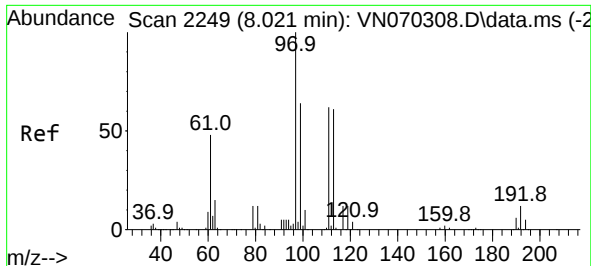
Ion Ratio Lower Upper

114 100

63 23.3 0.0 37.8

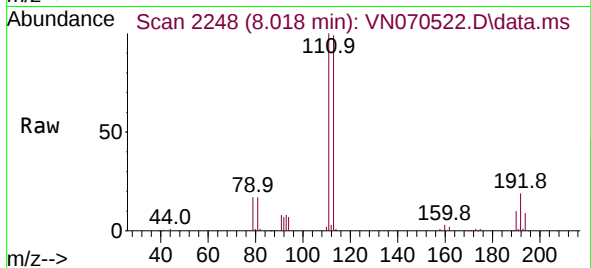
88 16.0 0.0 27.4



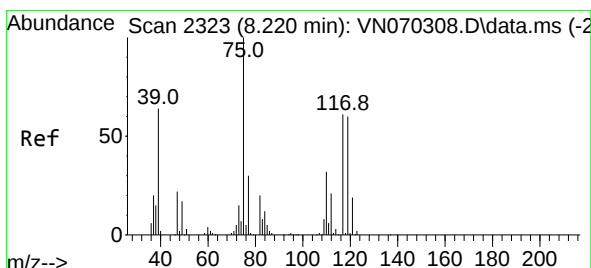
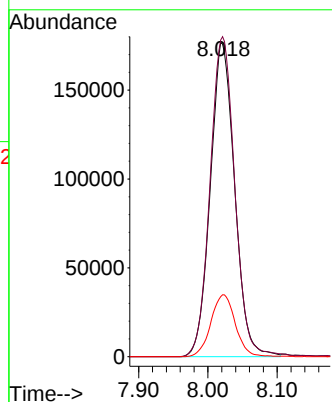
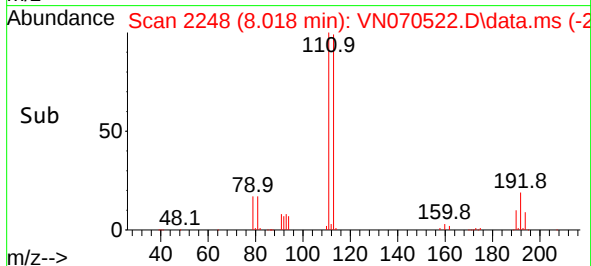


#35
 Dibromofluoromethane
 Concen: 45.368 ug/l
 RT: 8.018 min Scan# 211
 Delta R.T. -0.003 min
 Lab File: VN070522.D
 Acq: 6 Jan 2022 16:27

Instrument :
 MSVOA_N
 ClientSampleId :

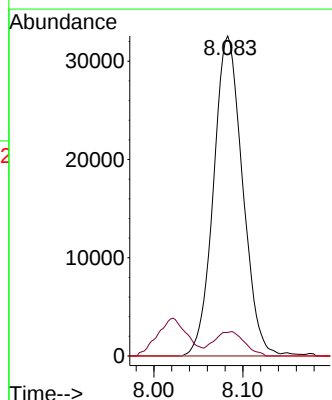
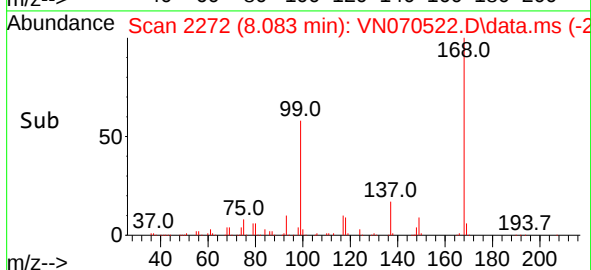
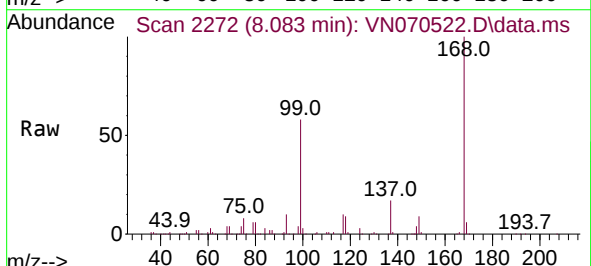


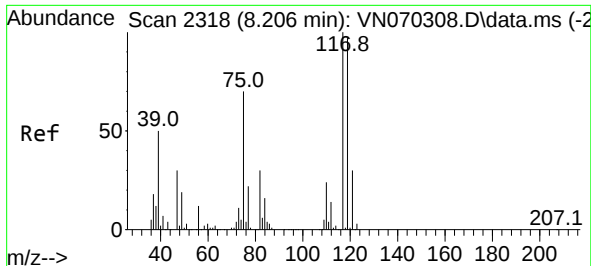
Tgt Ion:113 Resp: 431638
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.2 123.2
 192 19.8 16.9 25.3



#36
 1,1-Dichloropropene
 Concen: 4.676 ug/l
 RT: 8.083 min Scan# 2272
 Delta R.T. -0.137 min
 Lab File: VN070522.D
 Acq: 6 Jan 2022 16:27

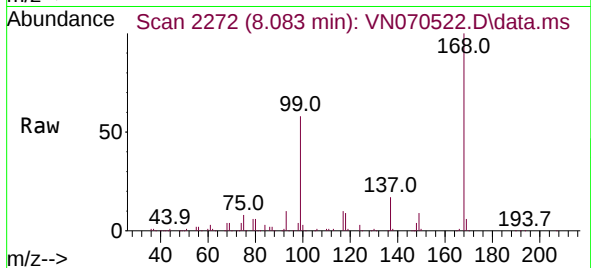
Tgt Ion: 75 Resp: 73596
 Ion Ratio Lower Upper
 75 100
 110 8.1 18.4 55.2#
 77 0.0 24.4 36.6#



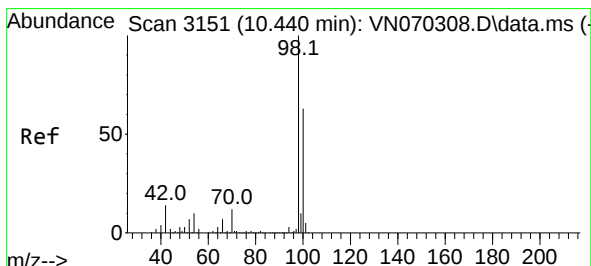
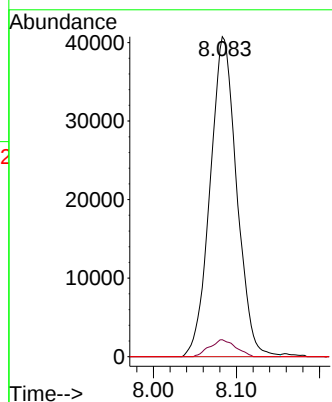
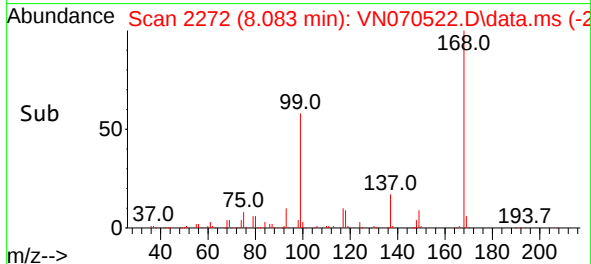


#38
Carbon Tetrachloride
Concen: 6.028 ug/l
RT: 8.083 min Scan# 211
Delta R.T. -0.123 min
Lab File: VN070522.D
Acq: 6 Jan 2022 16:27

Instrument :
MSVOA_N
ClientSampleId :

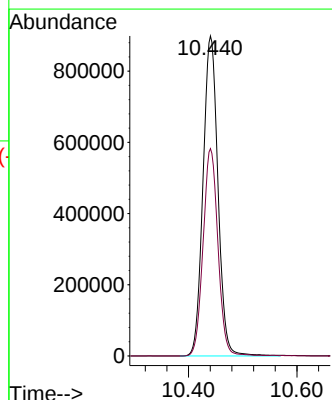
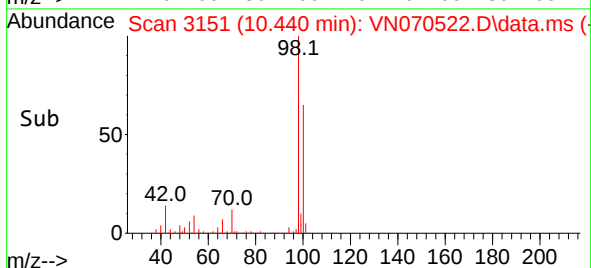
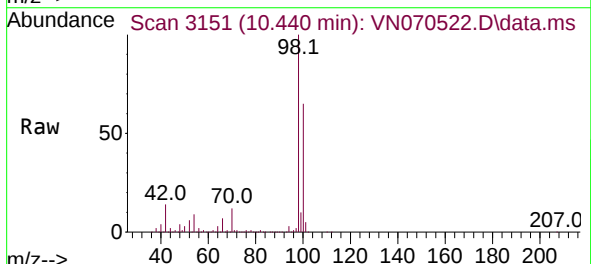


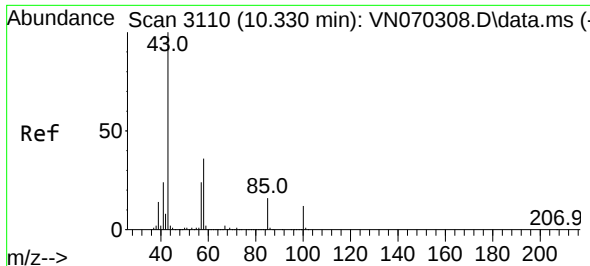
Tgt Ion:117 Resp: 90592
Ion Ratio Lower Upper
117 100
119 5.3 76.1 114.1#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 44.250 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070522.D
Acq: 6 Jan 2022 16:27

Tgt Ion: 98 Resp: 1719857
Ion Ratio Lower Upper
98 100
100 64.4 50.4 75.6

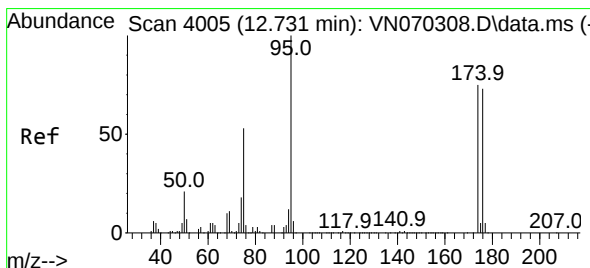
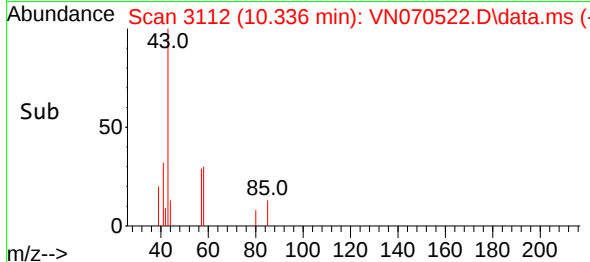
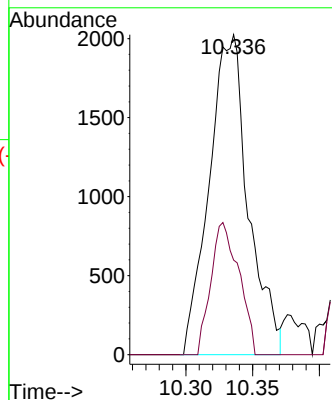
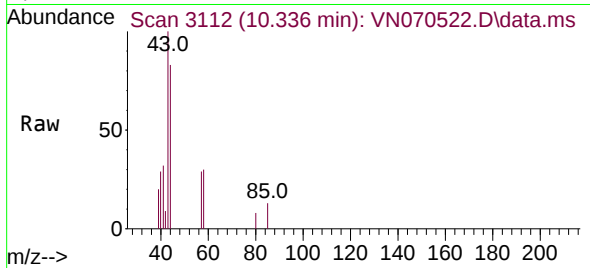




#51
4-Methyl-2-Pentanone
Concen: 0.204 ug/l
RT: 10.336 min Scan# 3112
Delta R.T. 0.006 min
Lab File: VN070522.D
Acq: 6 Jan 2022 16:27

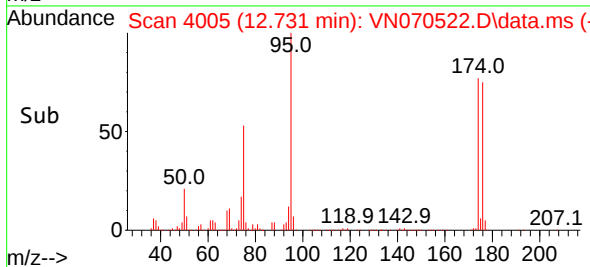
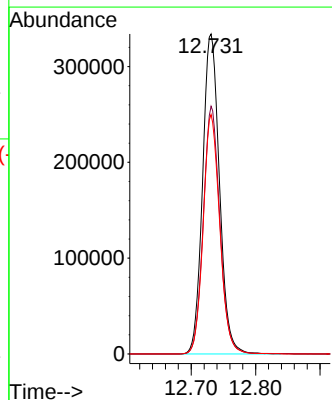
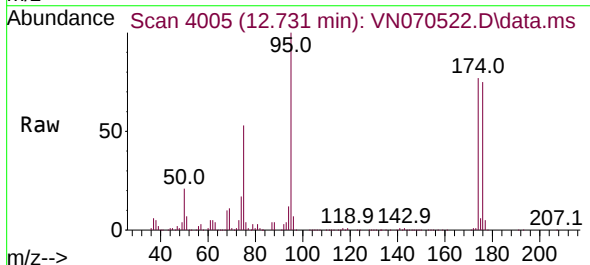
Instrument :
MSVOA_N
ClientSampleId :

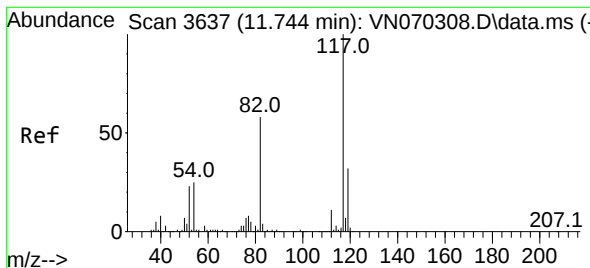
Tgt Ion: 43 Resp: 4121
Ion Ratio Lower Upper
43 100
58 29.6 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 43.232 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070522.D
Acq: 6 Jan 2022 16:27

Tgt Ion: 95 Resp: 606885
Ion Ratio Lower Upper
95 100
174 75.9 0.0 187.2
176 73.4 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.744 min Scan# 3

Delta R.T. -0.000 min

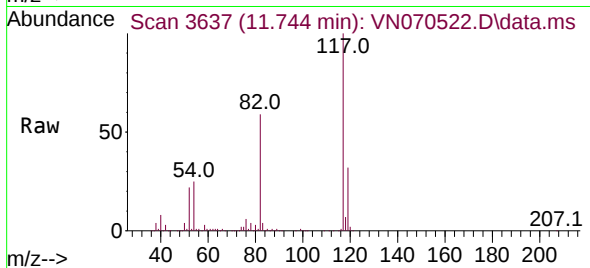
Lab File: VN070522.D

Acq: 6 Jan 2022 16:27

Instrument :

MSVOA_N

ClientSampleId :



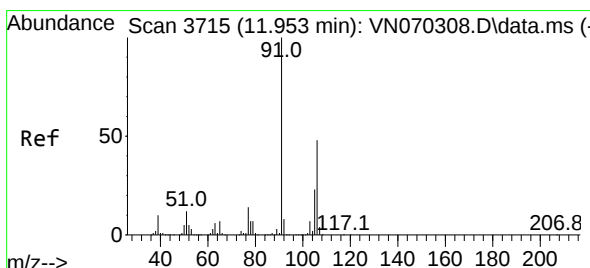
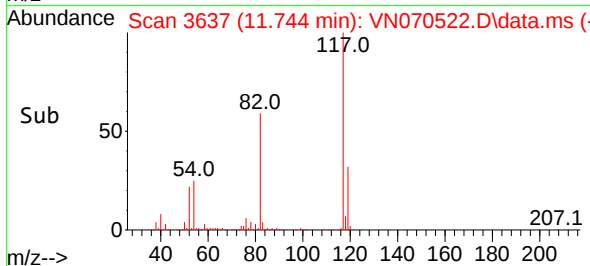
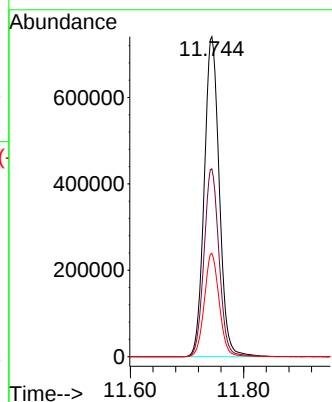
Tgt Ion:117 Resp: 1365646

Ion Ratio Lower Upper

117 100

82 58.7 42.4 63.6

119 32.3 25.4 38.2



#68

m/p-Xylenes

Concen: 0.226 ug/l

RT: 11.953 min Scan# 3715

Delta R.T. -0.000 min

Lab File: VN070522.D

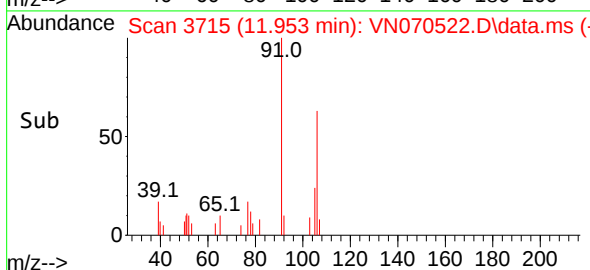
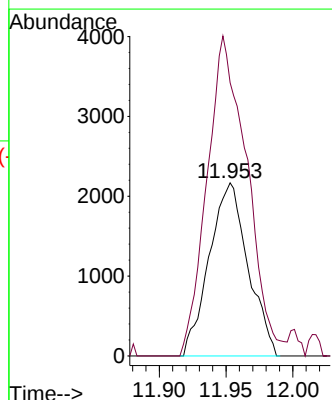
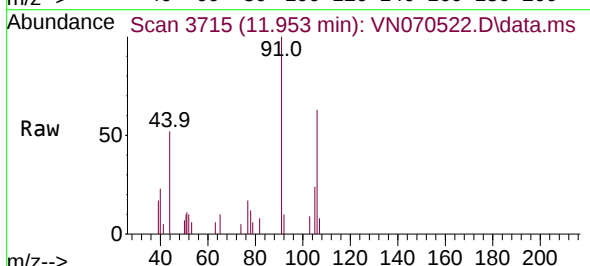
Acq: 6 Jan 2022 16:27

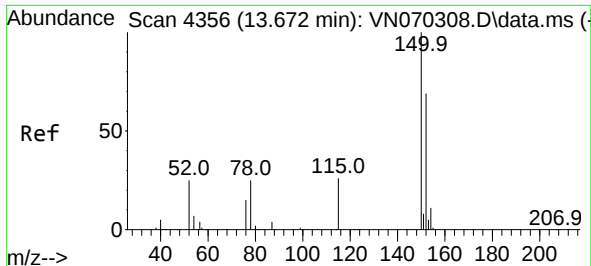
Tgt Ion:106 Resp: 4372

Ion Ratio Lower Upper

106 100

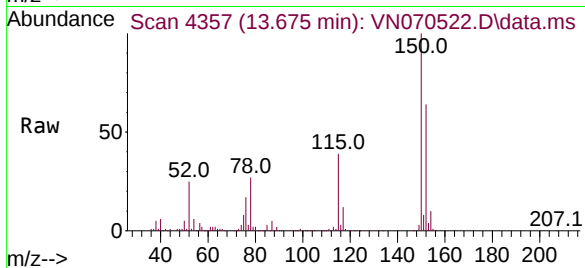
91 189.9 160.6 240.8



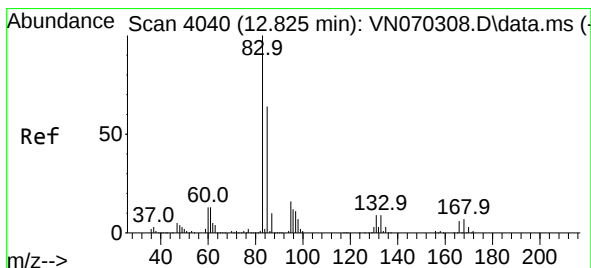
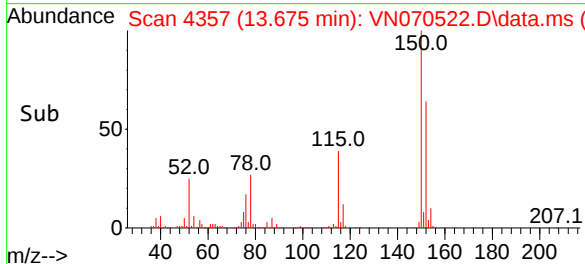
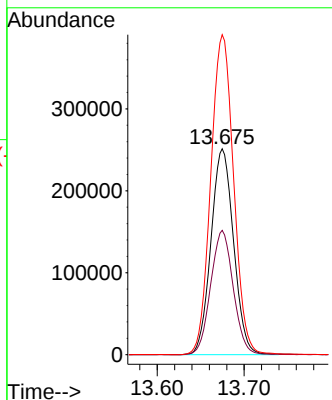


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.675 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VN070522.D
 Acq: 6 Jan 2022 16:27

Instrument :
 MSVOA_N
 ClientSampleId :

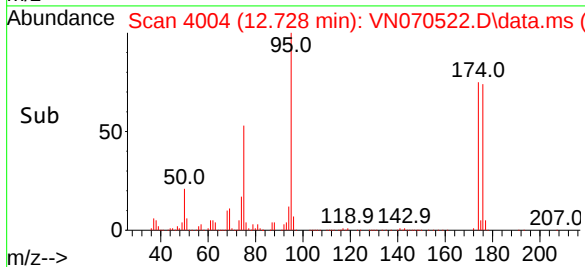
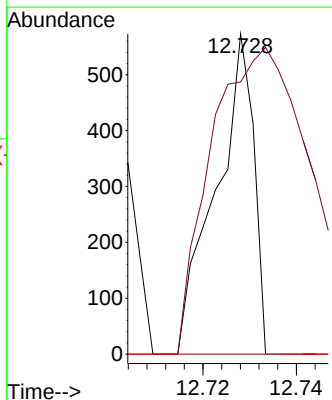
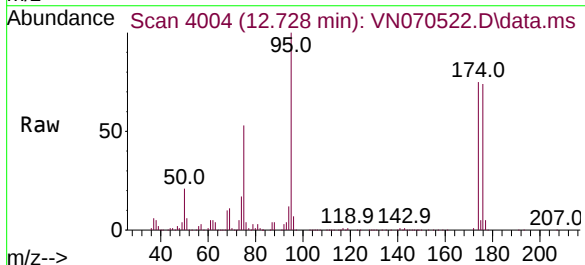


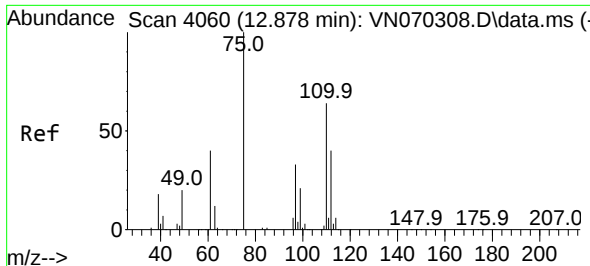
Tgt Ion:152 Resp: 454916
 Ion Ratio Lower Upper
 152 100
 115 60.1 27.5 82.5
 150 156.7 0.0 344.4



#75
 1,1,2,2-Tetrachloroethane
 Concen: 0.468 ug/l
 RT: 12.728 min Scan# 4004
 Delta R.T. -0.097 min
 Lab File: VN070522.D
 Acq: 6 Jan 2022 16:27

Tgt Ion: 83 Resp: 322
 Ion Ratio Lower Upper
 83 100
 131 241.0 5.5 16.5#
 85 0.0 32.4 97.2#

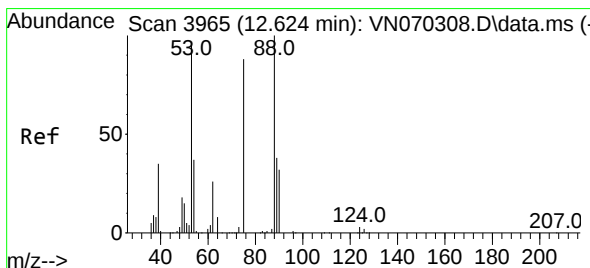
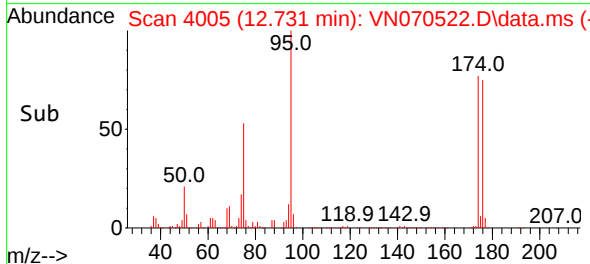
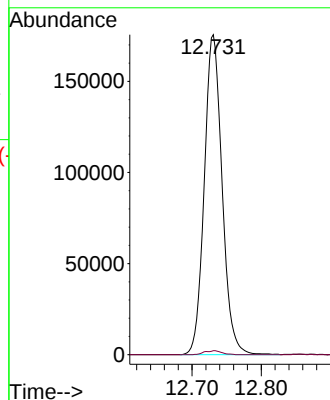
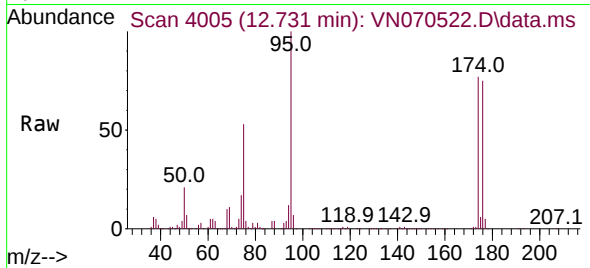




#76
1,2,3-Trichloropropane
Concen: 24.778 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.147 min
Lab File: VN070522.D
Acq: 6 Jan 2022 16:27

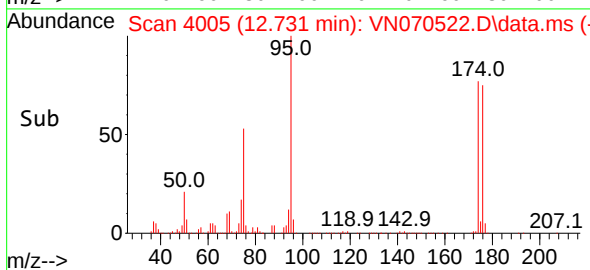
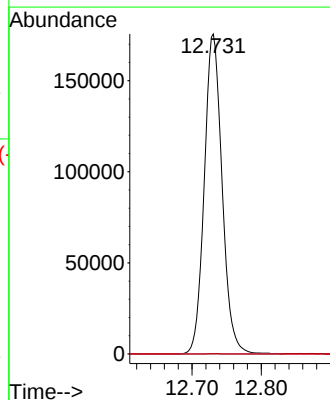
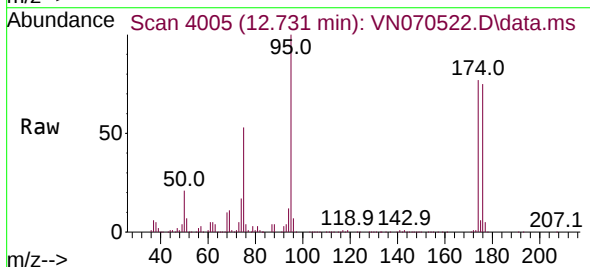
Instrument :
MSVOA_N
ClientSampleId :

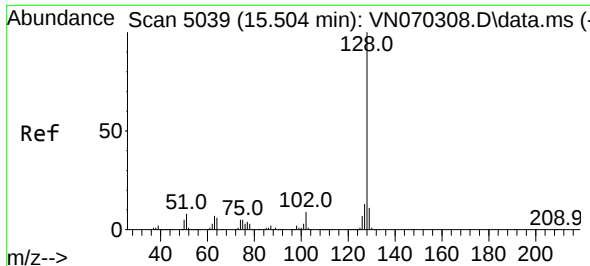
Tgt Ion: 75 Resp: 314058
Ion Ratio Lower Upper
75 100
77 1.2 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.347 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.107 min
Lab File: VN070522.D
Acq: 6 Jan 2022 16:27

Tgt Ion: 75 Resp: 314058
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#

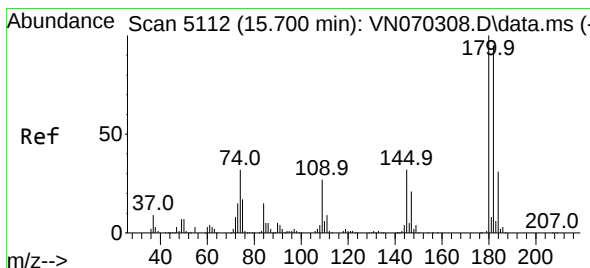
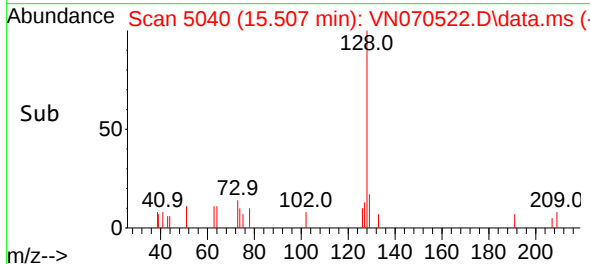
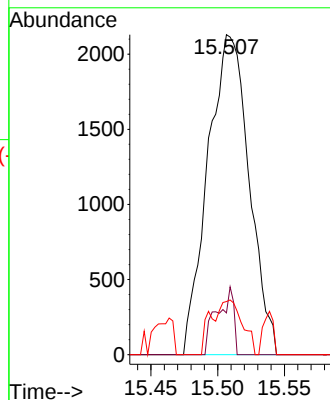
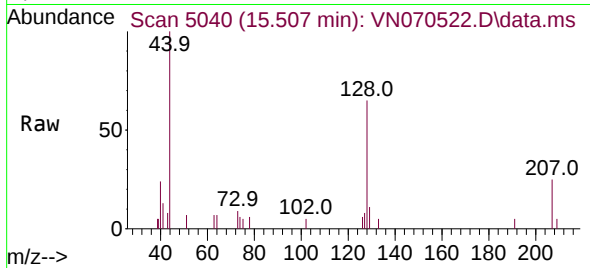




#95
Naphthalene
Concen: 2.010 ug/l
RT: 15.507 min Scan# 5039
Delta R.T. 0.003 min
Lab File: VN070522.D
Acq: 6 Jan 2022 16:27

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 4582
Ion Ratio Lower Upper
128 100
127 8.6 10.5 15.7#
129 9.5 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 0.864 ug/l
RT: 15.697 min Scan# 5111
Delta R.T. -0.003 min
Lab File: VN070522.D
Acq: 6 Jan 2022 16:27

Tgt Ion:180 Resp: 280
Ion Ratio Lower Upper
180 100
182 75.7 47.4 142.2
145 0.0 15.0 45.1#

