

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010422\
 Data File : VN070466.D
 Acq On : 4 Jan 2022 16:17
 Operator : JC/MD
 Sample : N1003-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 05 03:17:46 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)

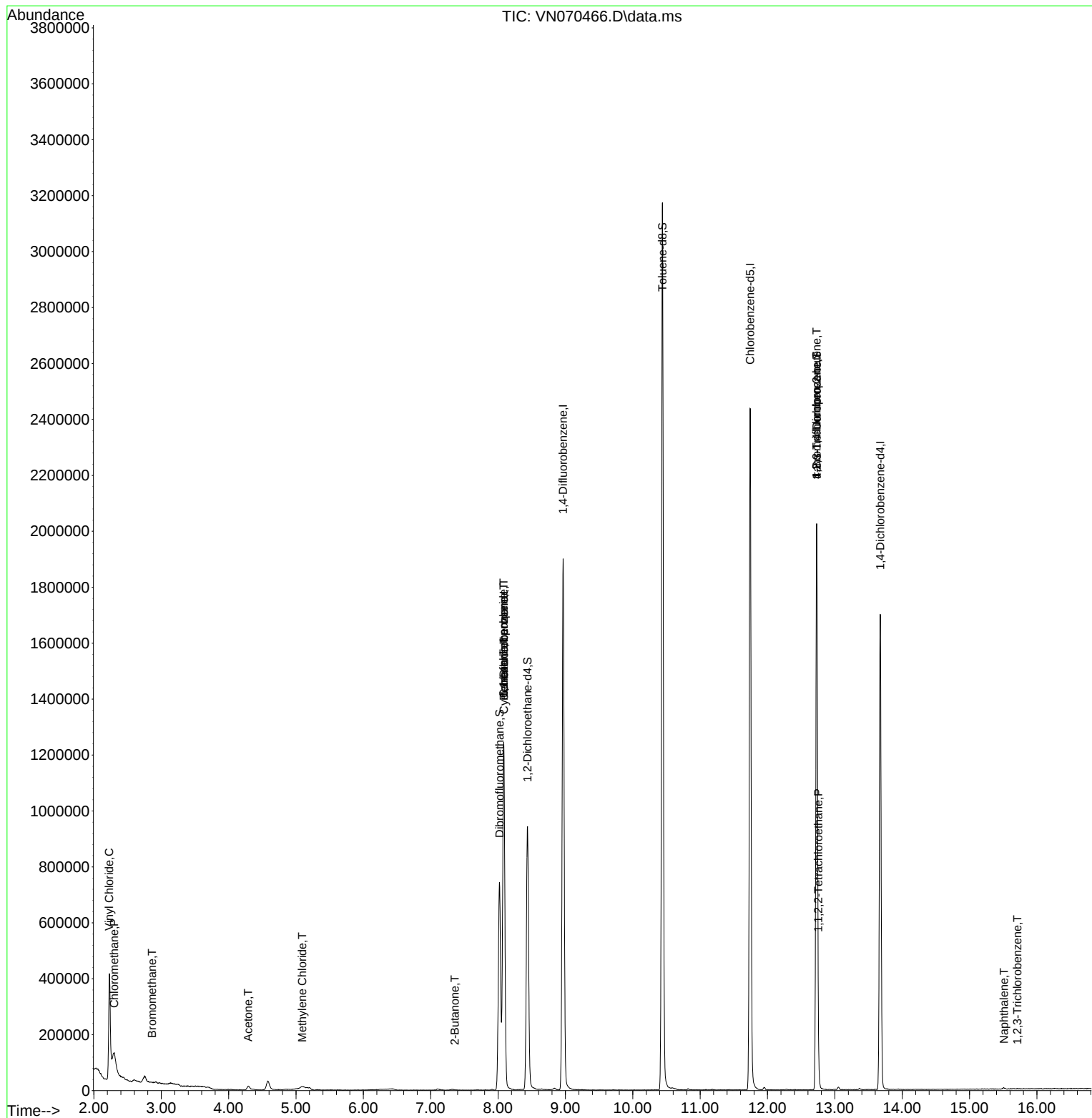
Internal Standards						
1) Pentafluorobenzene	8.086	168	958561	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1640295	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1417279	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	473149	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	797623	57.873	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	115.740%
35) Dibromofluoromethane	8.021	113	554172	55.838	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	111.680%
50) Toluene-d8	10.441	98	2200436	54.274	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	108.540%
62) 4-Bromofluorobenzene	12.731	95	764108	52.181	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	104.360%
Target Compounds						
						Qvalue
3) Chloromethane	2.301	50	7227	0.489	ug/l #	80
4) Vinyl Chloride	2.228	62	3706	0.275	ug/l #	1
5) Bromomethane	2.864	94	2176	0.313	ug/l #	59
16) Acetone	4.291	43	19182	2.144	ug/l	94
20) Methylene Chloride	5.093	84	4123	0.333	ug/l #	84
25) 2-Butanone	7.356	43	2528	0.224	ug/l	97
31) Cyclohexane	8.088	56	21773	1.001	ug/l #	1
36) 1,1-Dichloropropene	8.083	75	77194	4.702	ug/l #	49
38) Carbon Tetrachloride	8.083	117	92039	5.871	ug/l #	16
75) 1,1,2,2-Tetrachloroethane	12.752	83	84	0.452	ug/l #	25
76) 1,2,3-Trichloropropane	12.731	75	398722	29.642	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.731	75	398722	102.958	ug/l #	5
95) Naphthalene	15.509	128	4887	2.015	ug/l #	78
96) 1,2,3-Trichlorobenzene	15.708	180	305	0.866	ug/l #	65

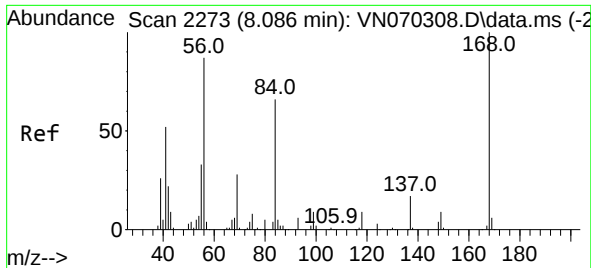
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010422\
Data File : VN070466.D
Acq On : 4 Jan 2022 16:17
Operator : JC/MD
Sample : N1003-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jan 05 03:17:46 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

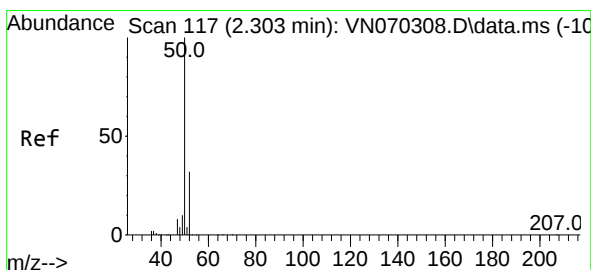
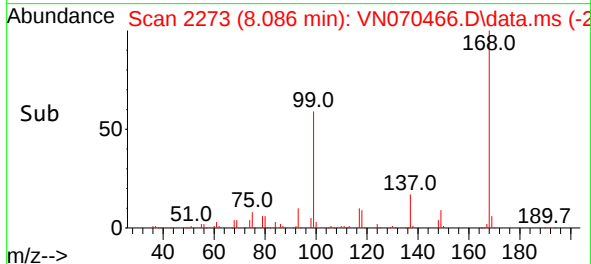
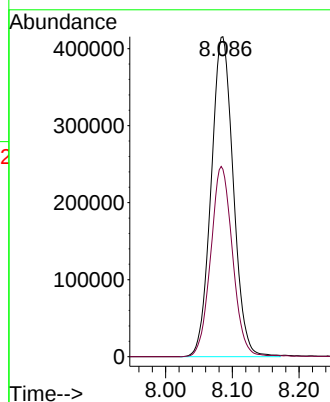
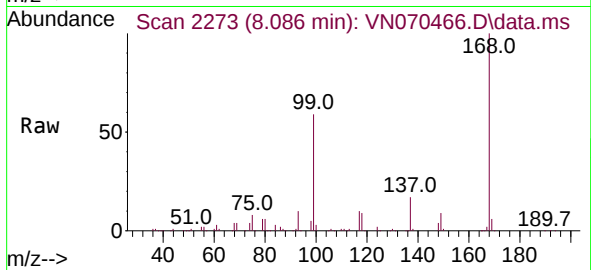




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070466.D
Acq: 4 Jan 2022 16:17

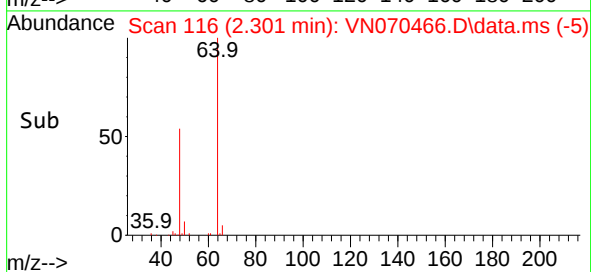
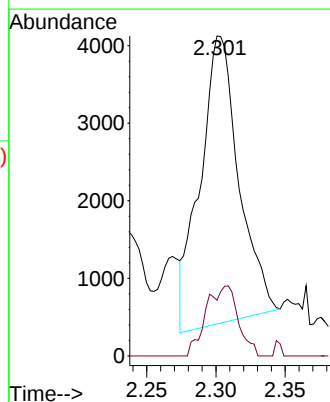
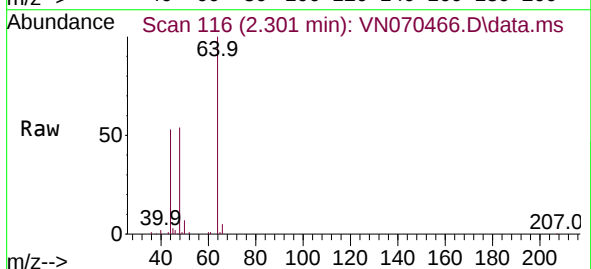
Instrument :
MSVOA_N
ClientSampleId :

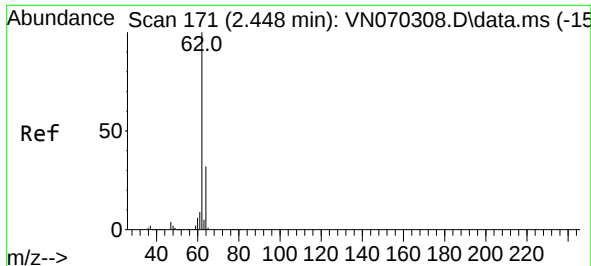
Tgt Ion:168 Resp: 958561
Ion Ratio Lower Upper
168 100
99 58.5 41.3 61.9



#3
Chloromethane
Concen: 0.489 ug/l
RT: 2.301 min Scan# 116
Delta R.T. -0.002 min
Lab File: VN070466.D
Acq: 4 Jan 2022 16:17

Tgt Ion: 50 Resp: 7227
Ion Ratio Lower Upper
50 100
52 20.5 25.4 38.0#

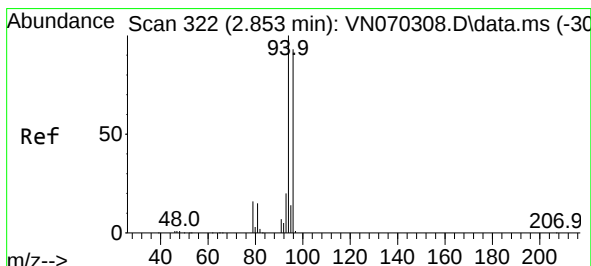
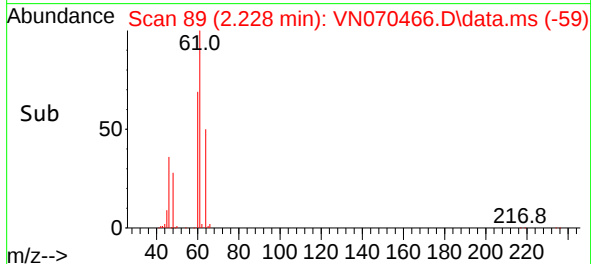
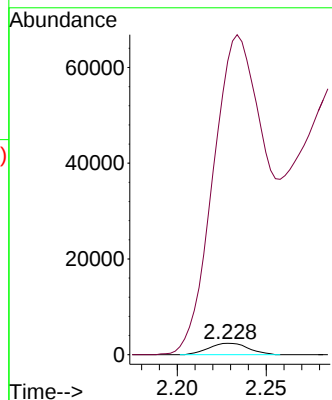
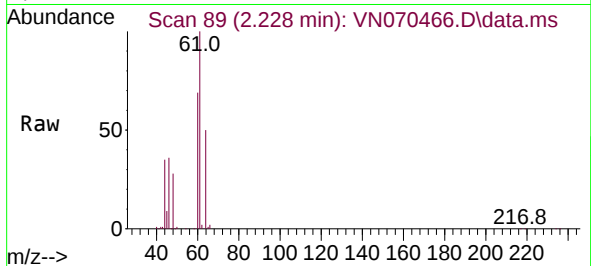




#4
 Vinyl Chloride
 Concen: 0.275 ug/l
 RT: 2.228 min Scan# 89
 Delta R.T. -0.220 min
 Lab File: VN070466.D
 Acq: 4 Jan 2022 16:17

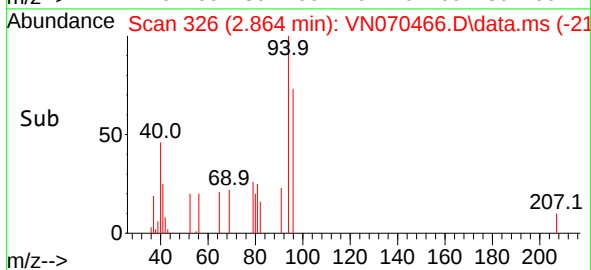
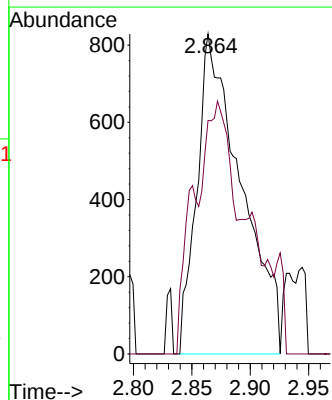
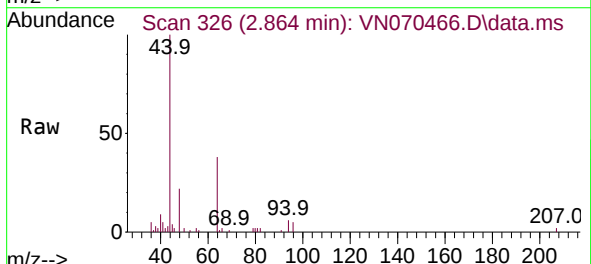
Instrument :
 MSVOA_N
 ClientSampleId :

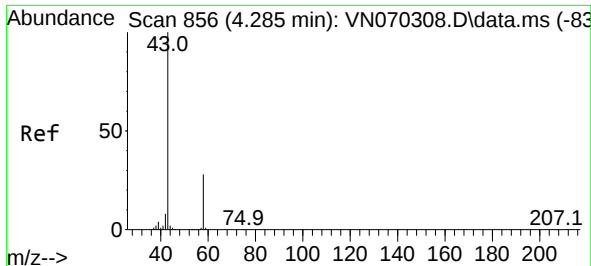
Tgt Ion: 62 Resp: 3706
 Ion Ratio Lower Upper
 62 100
 64 2519.0 25.8 38.6#



#5
 Bromomethane
 Concen: 0.313 ug/l
 RT: 2.864 min Scan# 326
 Delta R.T. 0.011 min
 Lab File: VN070466.D
 Acq: 4 Jan 2022 16:17

Tgt Ion: 94 Resp: 2176
 Ion Ratio Lower Upper
 94 100
 96 53.0 73.8 110.8#

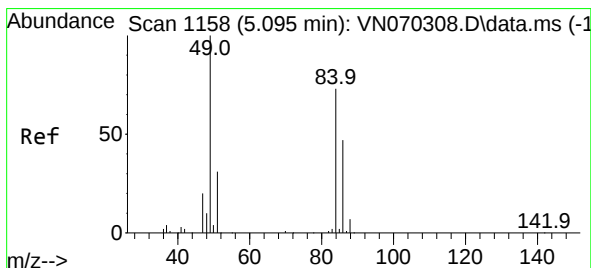
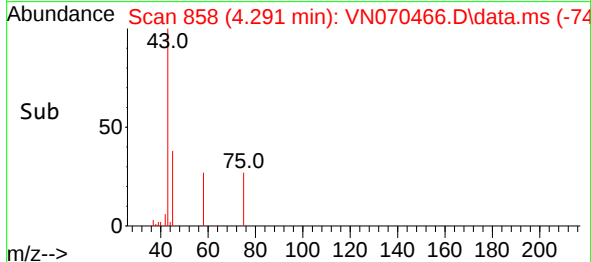
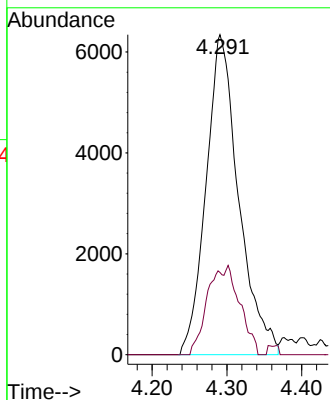
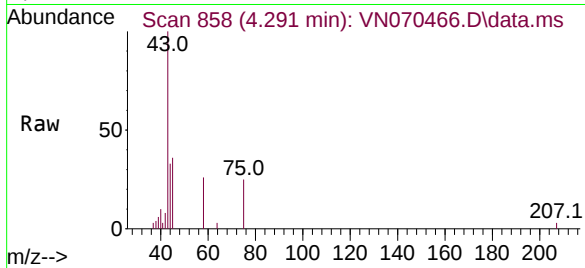




#16
Acetone
Concen: 2.144 ug/l
RT: 4.291 min Scan# 856
Delta R.T. 0.006 min
Lab File: VN070466.D
Acq: 4 Jan 2022 16:17

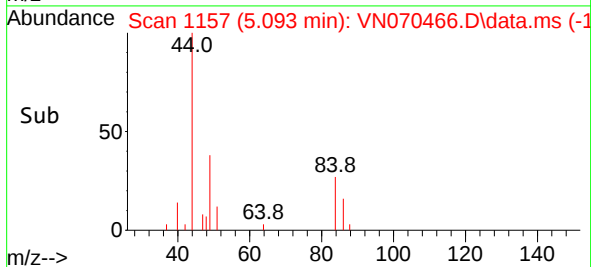
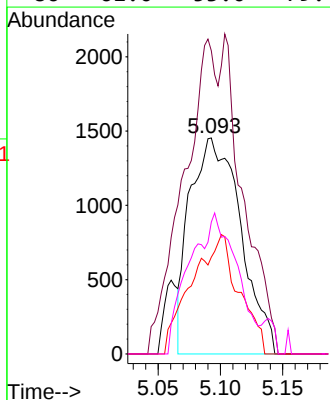
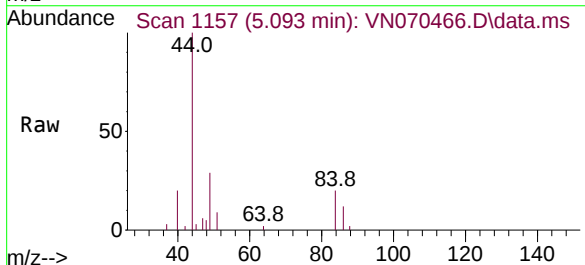
Instrument :
MSVOA_N
ClientSampleId :

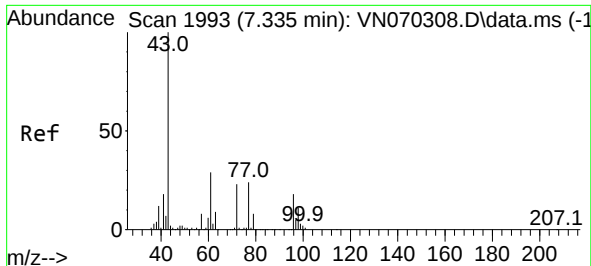
Tgt Ion: 43 Resp: 19182
Ion Ratio Lower Upper
43 100
58 25.7 23.1 34.7



#20
Methylene Chloride
Concen: 0.333 ug/l
RT: 5.093 min Scan# 1157
Delta R.T. -0.002 min
Lab File: VN070466.D
Acq: 4 Jan 2022 16:17

Tgt Ion: 84 Resp: 4123
Ion Ratio Lower Upper
84 100
49 140.4 93.5 140.3#
51 44.8 29.4 44.2#
86 61.0 53.0 79.4





#25

2-Butanone

Concen: 0.224 ug/l

RT: 7.356 min Scan# 2001

Delta R.T. 0.021 min

Lab File: VN070466.D

Acq: 4 Jan 2022 16:17

Instrument :

MSVOA_N

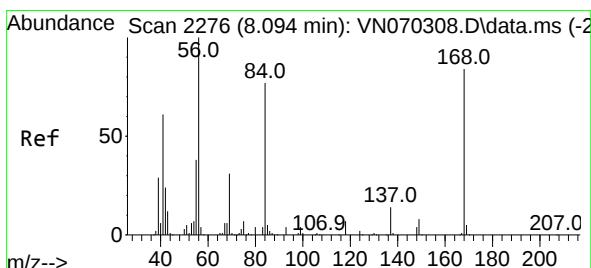
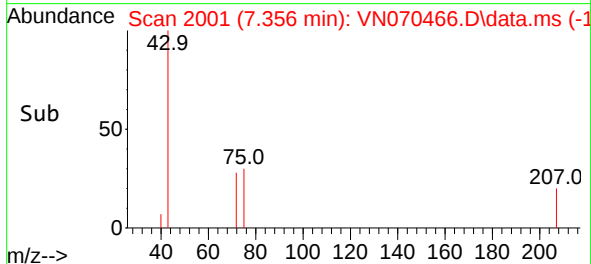
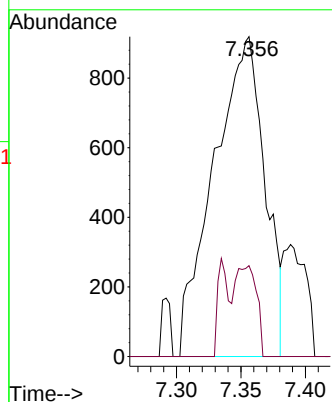
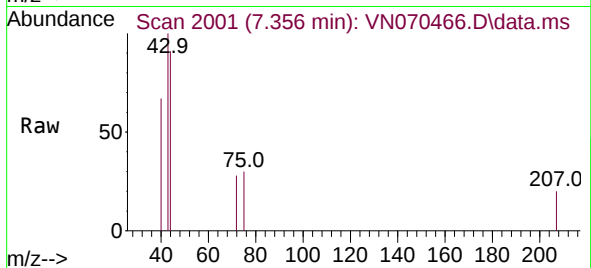
ClientSampleId :

Tgt Ion: 43 Resp: 2528

Ion Ratio Lower Upper

43 100

72 28.4 21.7 32.5



#31

Cyclohexane

Concen: 1.001 ug/l

RT: 8.088 min Scan# 2274

Delta R.T. -0.006 min

Lab File: VN070466.D

Acq: 4 Jan 2022 16:17

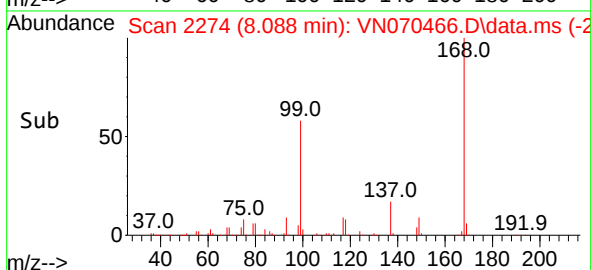
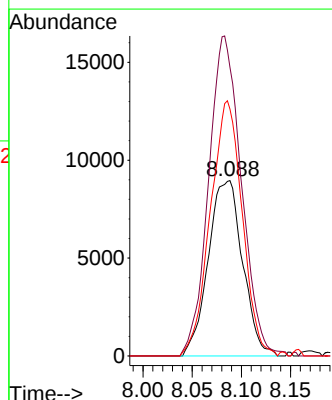
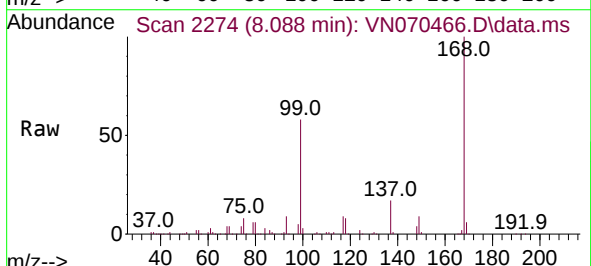
Tgt Ion: 56 Resp: 21773

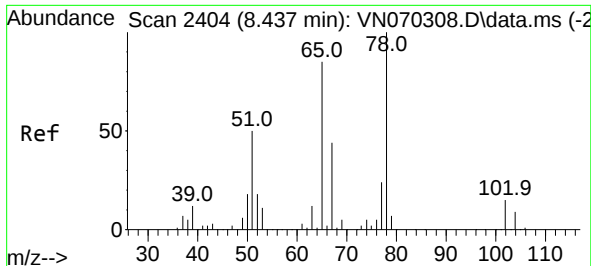
Ion Ratio Lower Upper

56 100

69 164.7 27.1 40.7#

84 140.9 73.4 110.0#





#33

1,2-Dichloroethane-d4

Concen: 57.873 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN070466.D

Acq: 4 Jan 2022 16:17

Instrument :

MSVOA_N

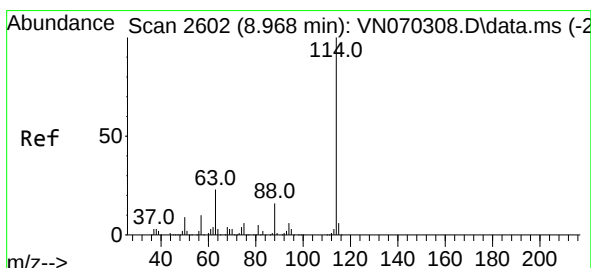
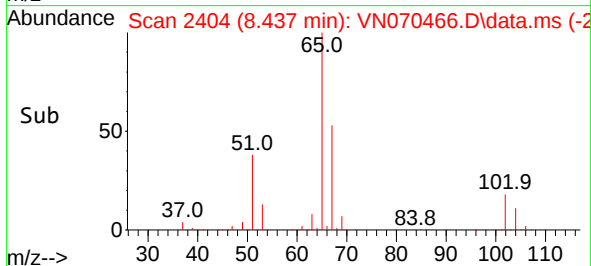
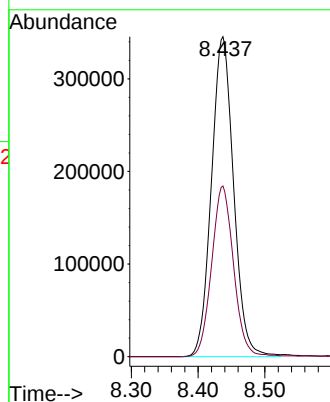
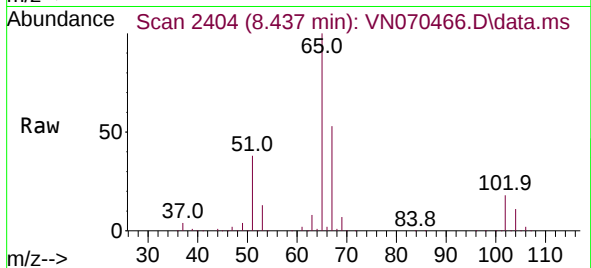
ClientSampleId :

Tgt Ion: 65 Resp: 797623

Ion Ratio Lower Upper

65 100

67 52.8 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: VN070466.D

Acq: 4 Jan 2022 16:17

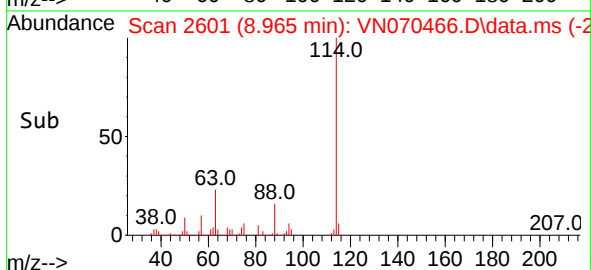
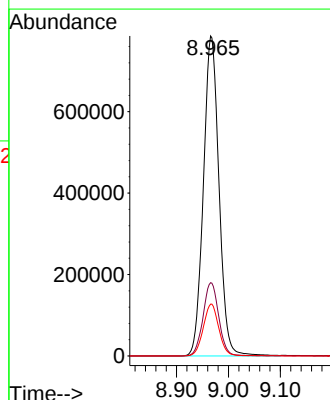
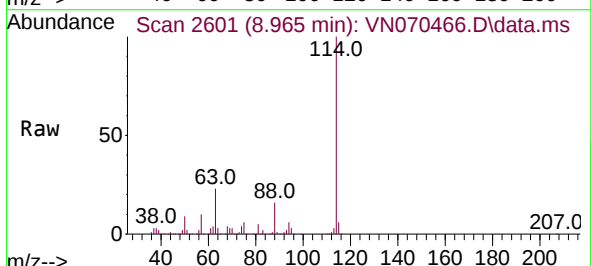
Tgt Ion: 114 Resp: 1640295

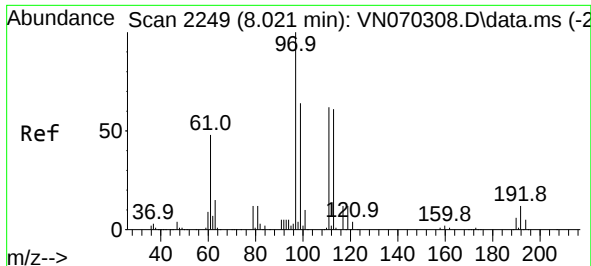
Ion Ratio Lower Upper

114 100

63 22.9 0.0 37.8

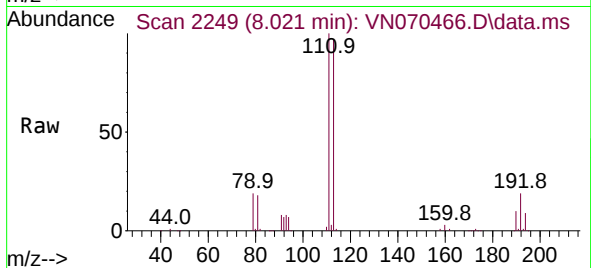
88 16.2 0.0 27.4



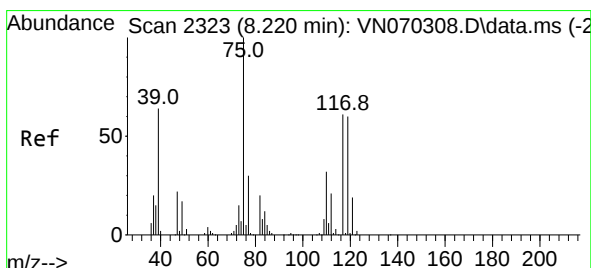
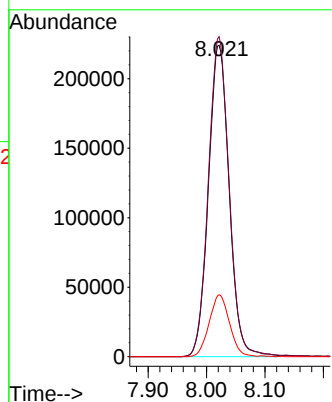
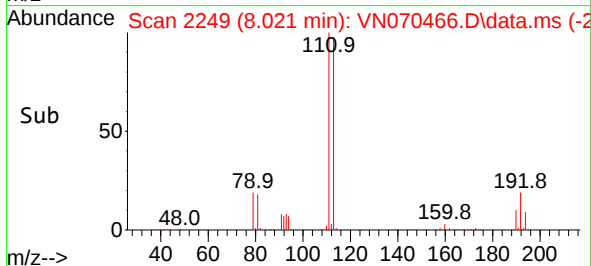


#35
Dibromofluoromethane
Concen: 55.838 ug/l
RT: 8.021 min Scan# 211
Delta R.T. 0.000 min
Lab File: VN070466.D
Acq: 4 Jan 2022 16:17

Instrument :
MSVOA_N
ClientSampleId :

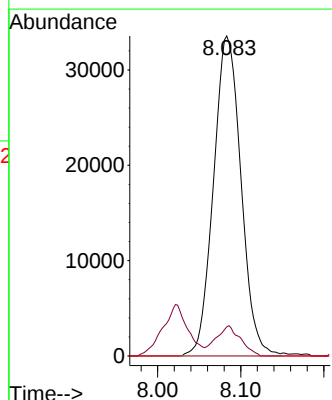
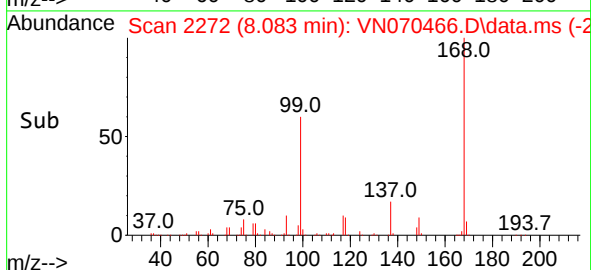
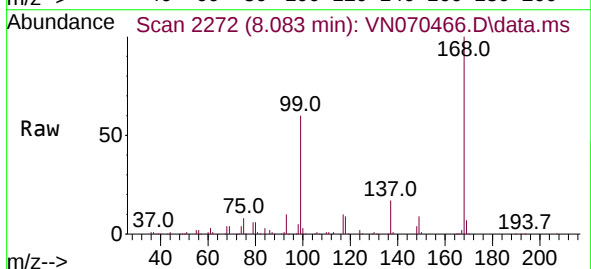


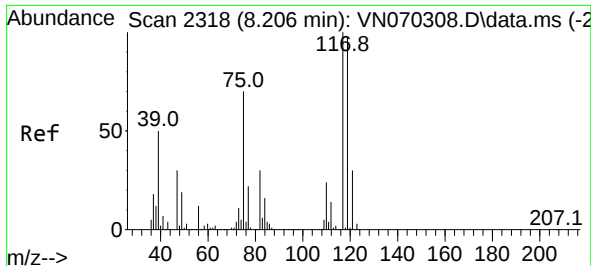
Tgt Ion:113 Resp: 554172
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.2
192 19.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.702 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.137 min
Lab File: VN070466.D
Acq: 4 Jan 2022 16:17

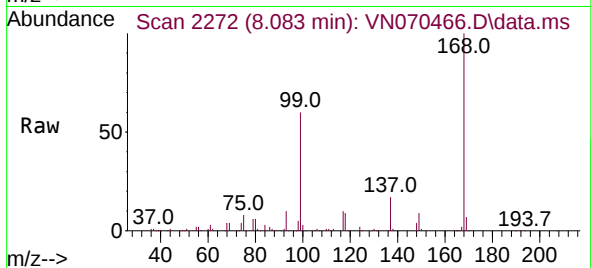
Tgt Ion: 75 Resp: 77194
Ion Ratio Lower Upper
75 100
110 8.5 18.4 55.2#
77 0.0 24.4 36.6#



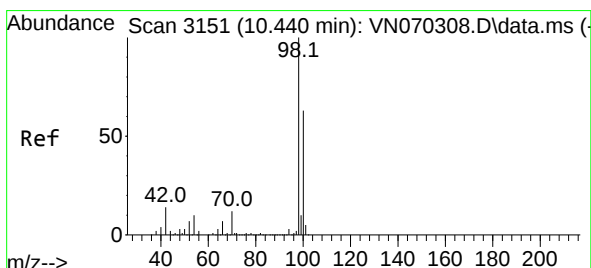
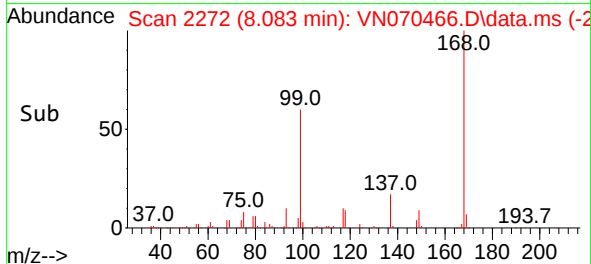
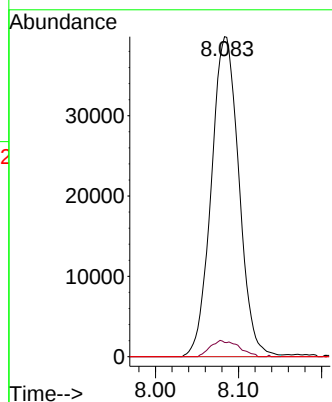


#38
Carbon Tetrachloride
Concen: 5.871 ug/l
RT: 8.083 min Scan# 211
Delta R.T. -0.123 min
Lab File: VN070466.D
Acq: 4 Jan 2022 16:17

Instrument :
MSVOA_N
ClientSampleId :

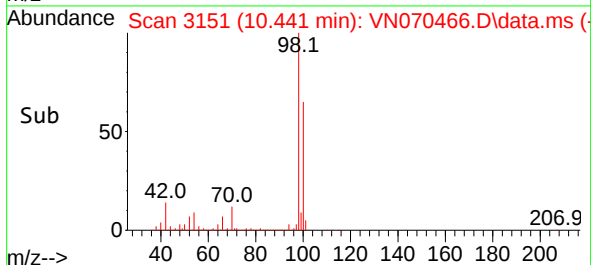
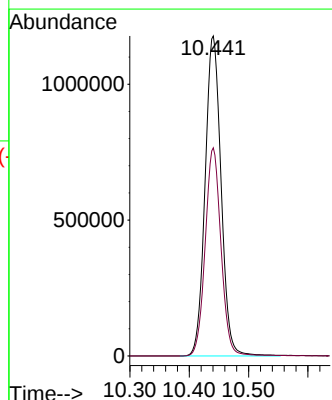
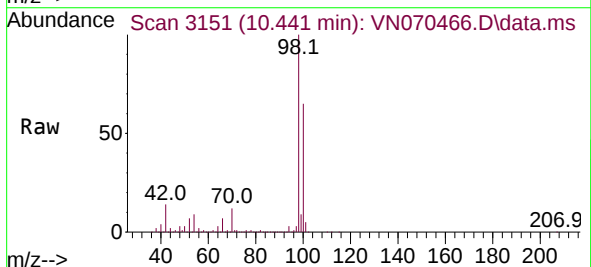


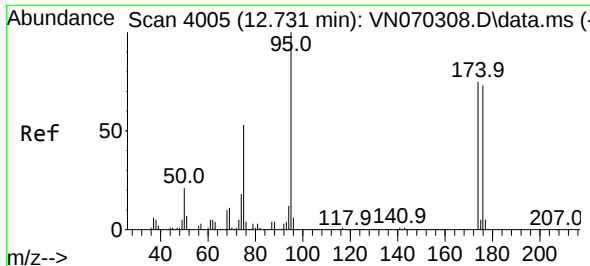
Tgt Ion:117 Resp: 92039
Ion Ratio Lower Upper
117 100
119 4.4 76.1 114.1#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 54.274 ug/l
RT: 10.441 min Scan# 3151
Delta R.T. 0.001 min
Lab File: VN070466.D
Acq: 4 Jan 2022 16:17

Tgt Ion: 98 Resp: 2200436
Ion Ratio Lower Upper
98 100
100 64.3 50.4 75.6

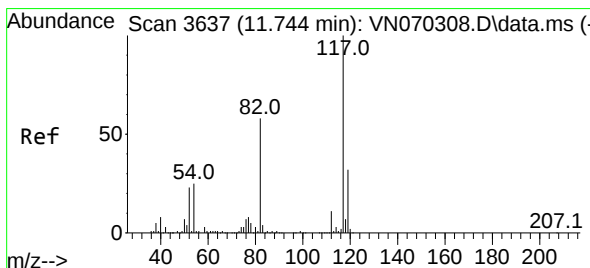
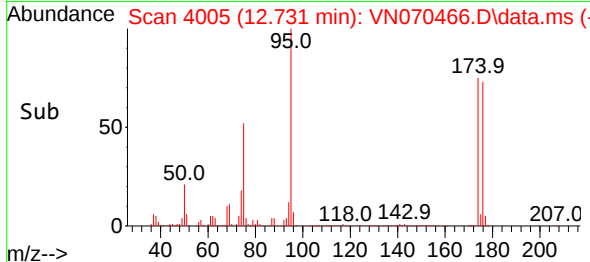
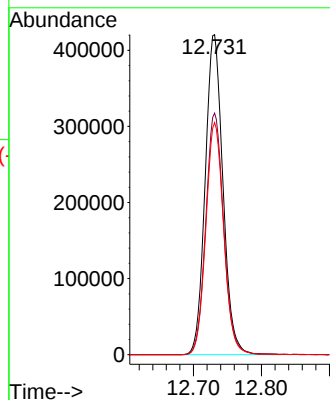
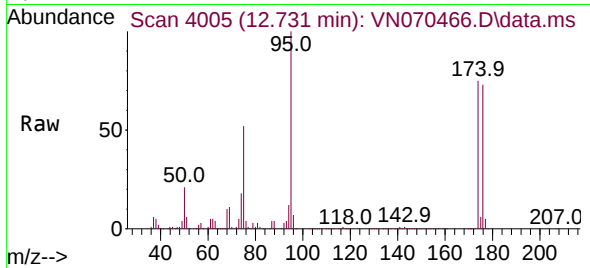




#62
4-Bromofluorobenzene
Concen: 52.181 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070466.D
Acq: 4 Jan 2022 16:17

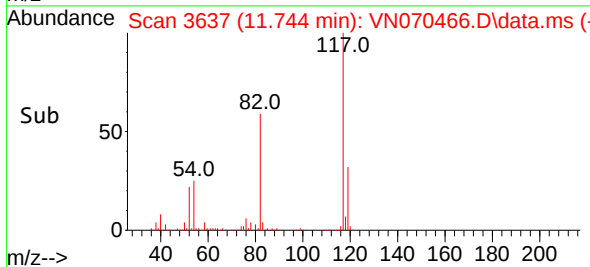
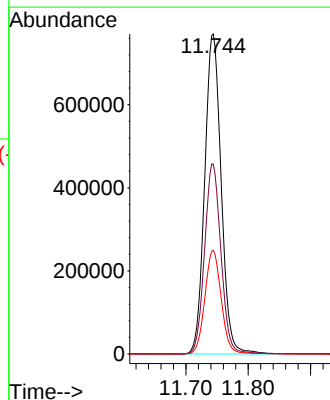
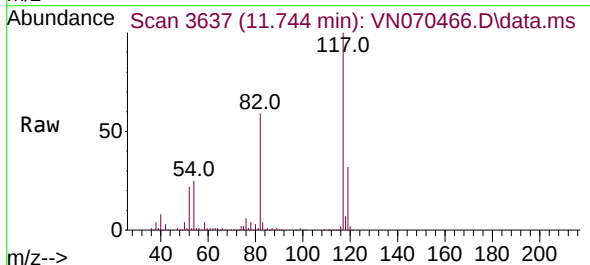
Instrument :
MSVOA_N
ClientSampleId :

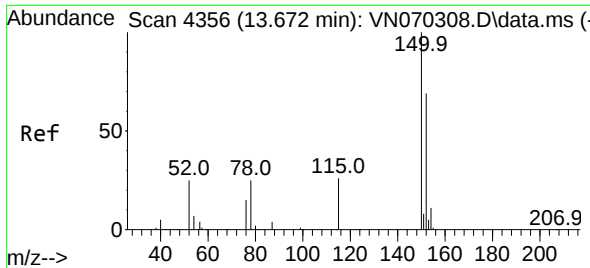
Tgt Ion: 95 Resp: 764108
Ion Ratio Lower Upper
95 100
174 76.1 0.0 187.2
176 72.9 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070466.D
Acq: 4 Jan 2022 16:17

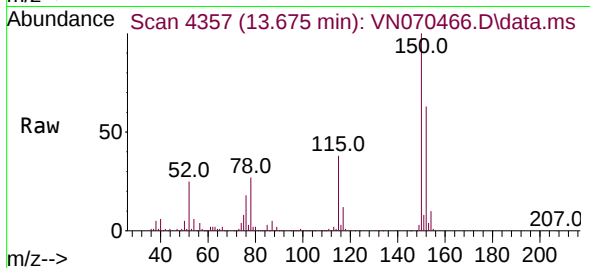
Tgt Ion: 117 Resp: 1417279
Ion Ratio Lower Upper
117 100
82 59.3 42.4 63.6
119 32.4 25.4 38.2



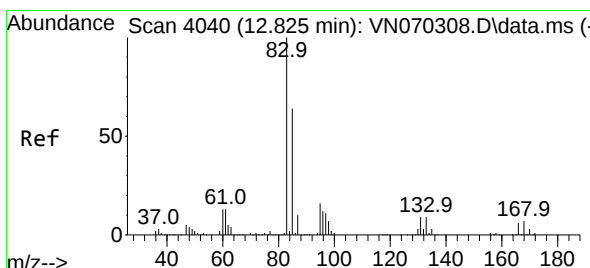
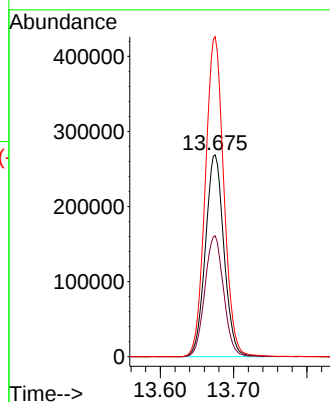
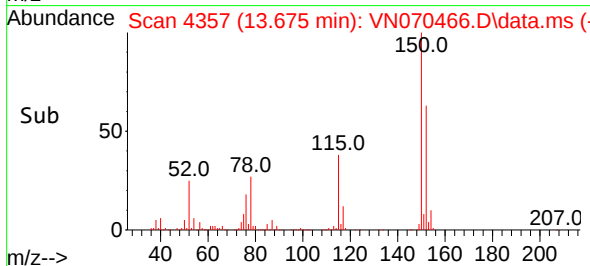


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.675 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VN070466.D
 Acq: 4 Jan 2022 16:17

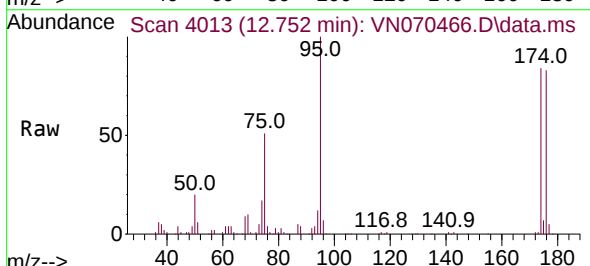
Instrument :
 MSVOA_N
 ClientSampleId :



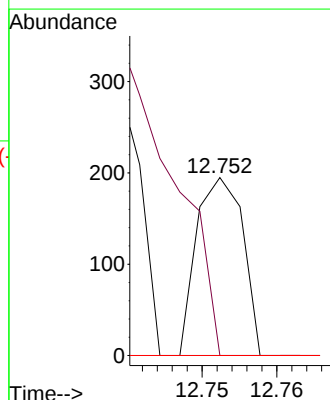
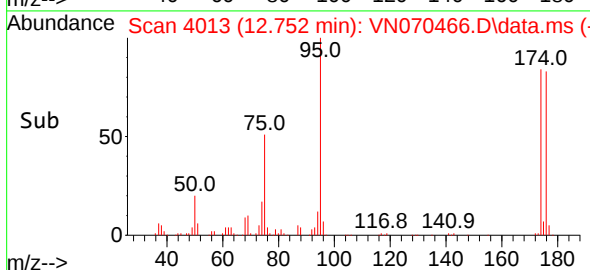
Tgt Ion:152 Resp: 473149
 Ion Ratio Lower Upper
 152 100
 115 60.6 27.5 82.5
 150 158.0 0.0 344.4

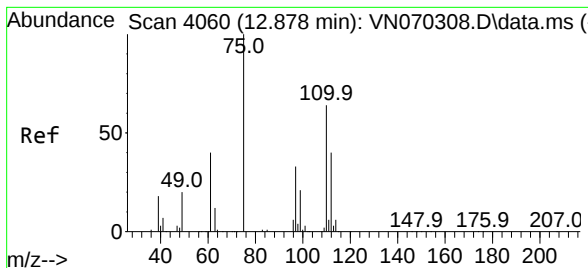


#75
 1,1,2,2-Tetrachloroethane
 Concen: 0.452 ug/l
 RT: 12.752 min Scan# 4013
 Delta R.T. -0.073 min
 Lab File: VN070466.D
 Acq: 4 Jan 2022 16:17



Tgt Ion: 83 Resp: 84
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.5 16.5#
 85 0.0 32.4 97.2#





#76

1,2,3-Trichloropropane

Concen: 29.642 ug/l

RT: 12.731 min Scan# 4005

Delta R.T. -0.147 min

Lab File: VN070466.D

Acq: 4 Jan 2022 16:17

Instrument :

MSVOA_N

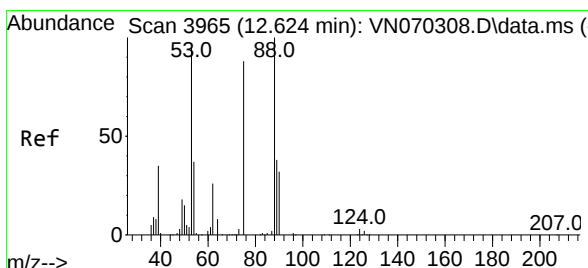
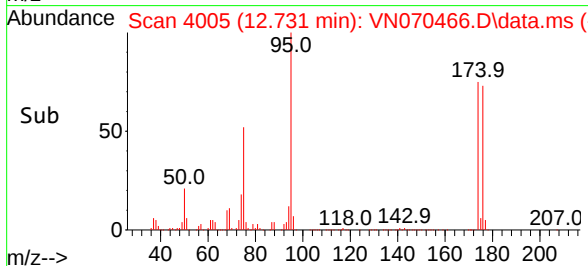
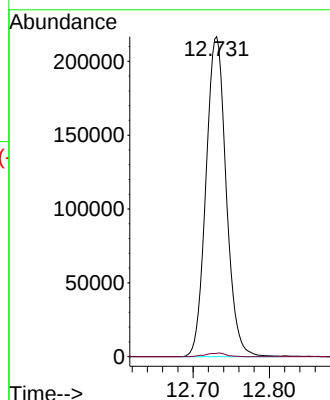
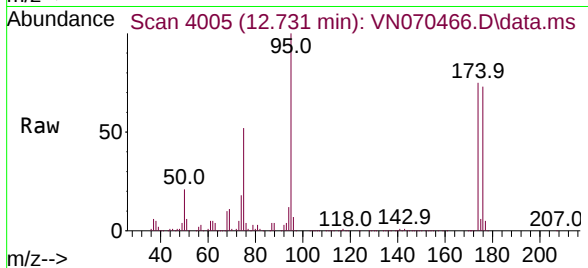
ClientSampleId :

Tgt Ion: 75 Resp: 398722

Ion Ratio Lower Upper

75 100

77 1.2 82.6 247.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 102.958 ug/l

RT: 12.731 min Scan# 4005

Delta R.T. 0.107 min

Lab File: VN070466.D

Acq: 4 Jan 2022 16:17

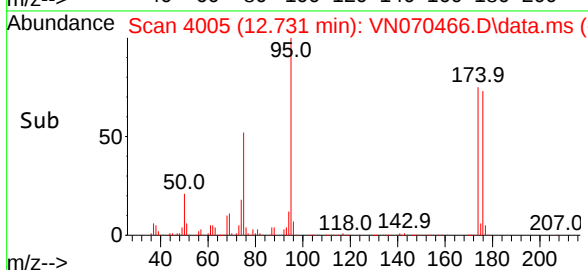
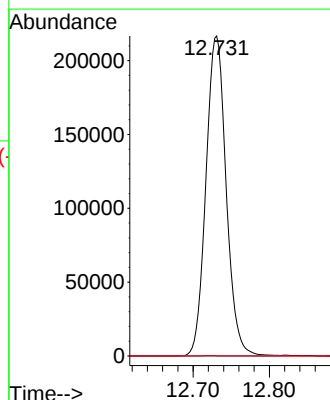
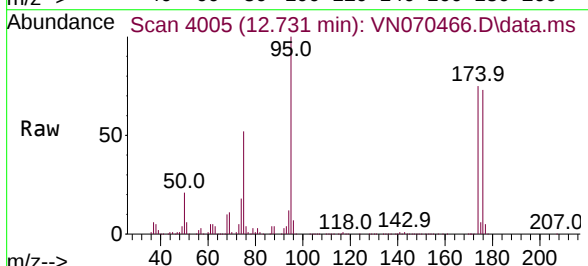
Tgt Ion: 75 Resp: 398722

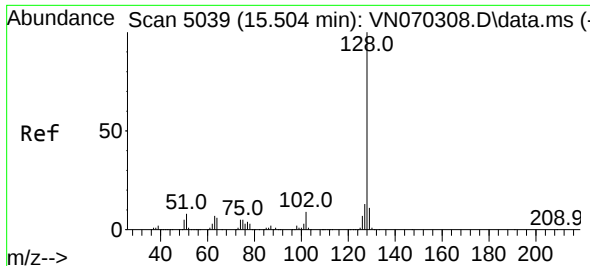
Ion Ratio Lower Upper

75 100

53 0.1 90.5 135.7#

89 0.0 38.2 57.4#

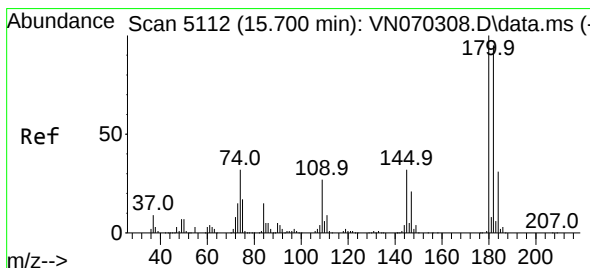
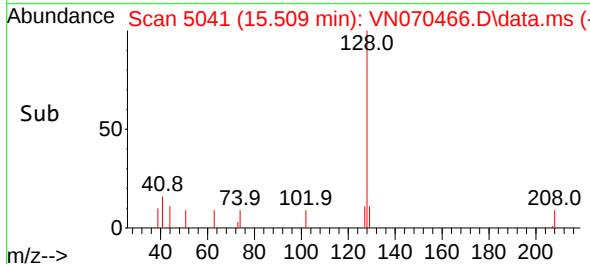
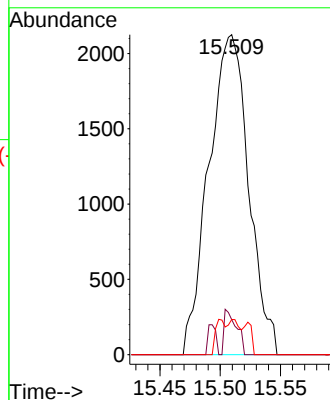
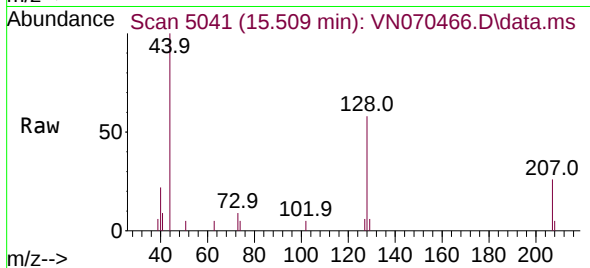




#95
Naphthalene
Concen: 2.015 ug/l
RT: 15.509 min Scan# 5039
Delta R.T. 0.005 min
Lab File: VN070466.D
Acq: 4 Jan 2022 16:17

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 4887
Ion Ratio Lower Upper
128 100
127 4.4 10.5 15.7#
129 2.7 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 0.866 ug/l
RT: 15.708 min Scan# 5115
Delta R.T. 0.008 min
Lab File: VN070466.D
Acq: 4 Jan 2022 16:17

Tgt Ion:180 Resp: 305
Ion Ratio Lower Upper
180 100
182 122.0 47.4 142.2
145 0.0 15.0 45.1#

