

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020322\
 Data File : VN070927.D
 Acq On : 3 Feb 2022 14:00
 Operator : JC/MD
 Sample : N1381-01
 Misc : 10.98g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 04 04:42:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 02 15:30:39 2022
 Response via : Initial Calibration

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

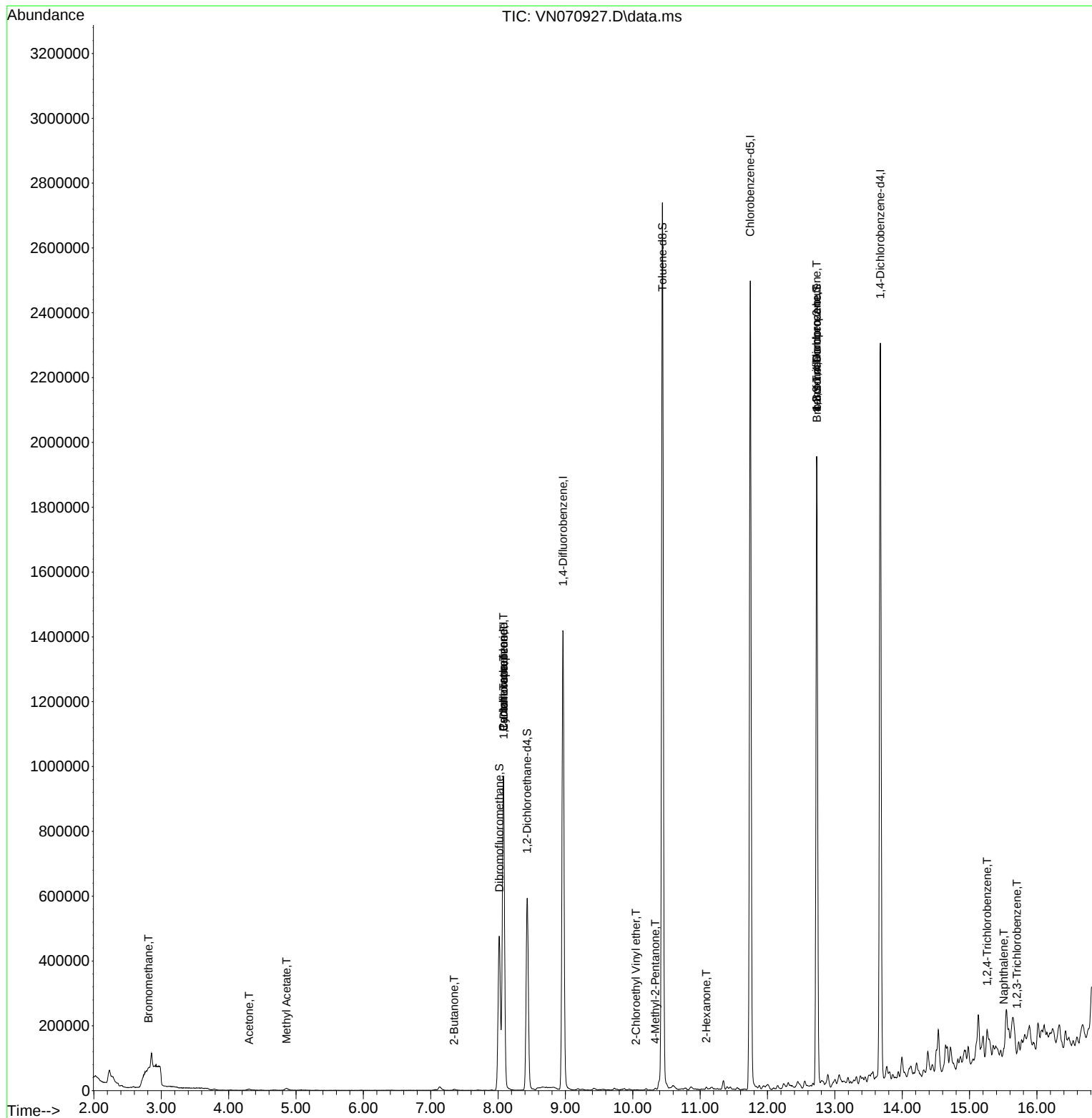
Internal Standards						
1) Pentafluorobenzene	8.080	168	741749	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1216100	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1420413	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	629604	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.432	65	515943	51.387	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 102.780%		
35) Dibromofluoromethane	8.019	113	349281	47.944	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 95.880%		
50) Toluene-d8	10.440	98	1919477	64.171	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 128.340%#		
62) 4-Bromofluorobenzene	12.731	95	678599	62.962	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 125.920%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.810	94	1624	0.366	ug/l	88
16) Acetone	4.304	43	5027	0.837	ug/l	92
18) Methyl Acetate	4.859	43	14207	0.573	ug/l #	58
25) 2-Butanone	7.348	43	5292	0.611	ug/l	97
31) Cyclohexane	8.080	56	18305	1.073	ug/l #	29
36) 1,1-Dichloropropene	8.083	75	61259	5.176	ug/l #	49
38) Carbon Tetrachloride	8.080	117	75619	6.996	ug/l #	17
51) 4-Methyl-2-Pentanone	10.336	43	3660	0.227	ug/l #	87
58) 2-Chloroethyl Vinyl ether	10.046	63	24	19.655	ug/l #	45
59) 2-Hexanone	11.092	43	5068	0.430	ug/l	86
71) Bromoform	12.733	173	2780	0.324	ug/l #	1
76) 1,2,3-Trichloropropane	12.731	75	357553	23.594	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.731	75	357553	63.955	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.263	180	5366	0.461	ug/l #	87
95) Naphthalene	15.507	128	30917	4.414	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.702	180	6009	2.224	ug/l #	77

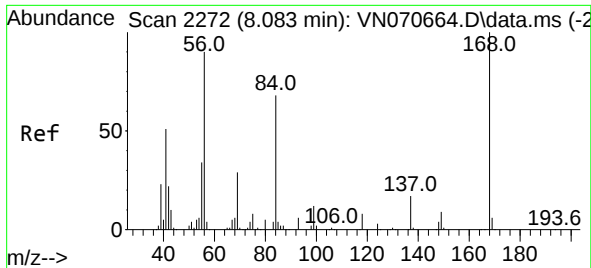
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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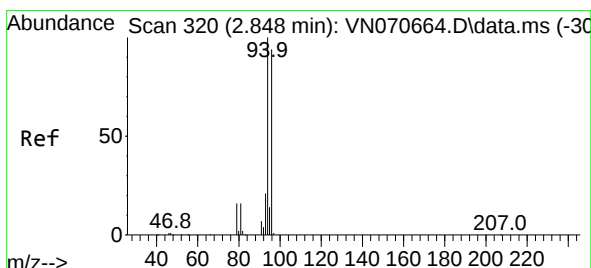
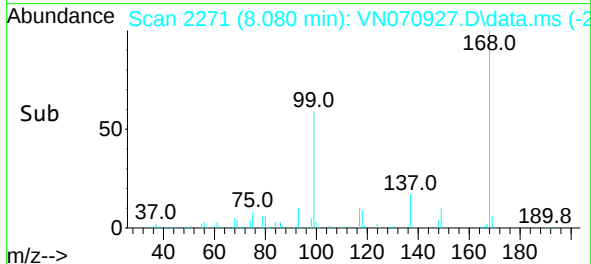
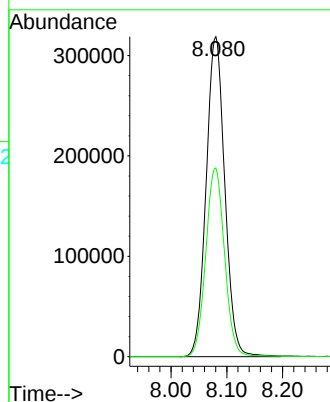
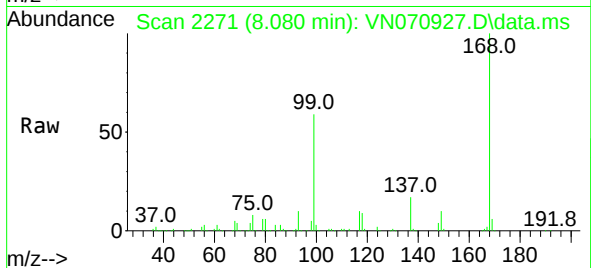




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN070927.D
Acq: 3 Feb 2022 14:00

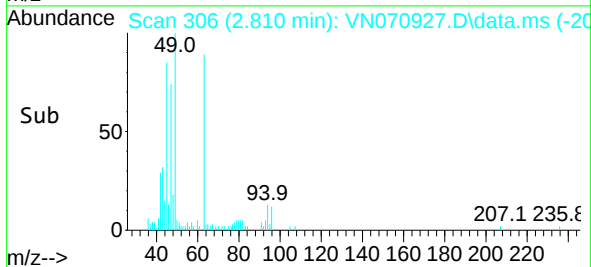
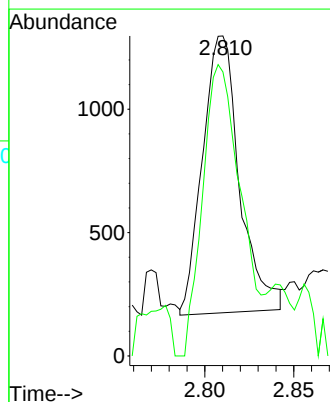
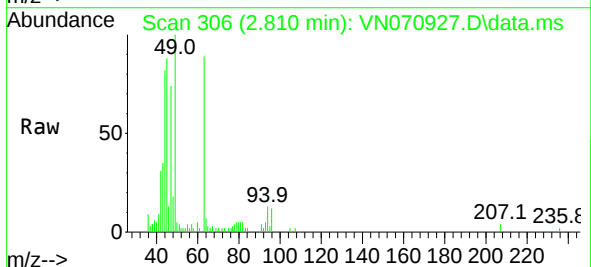
Instrument :
MSVOA_N
ClientSampleId :

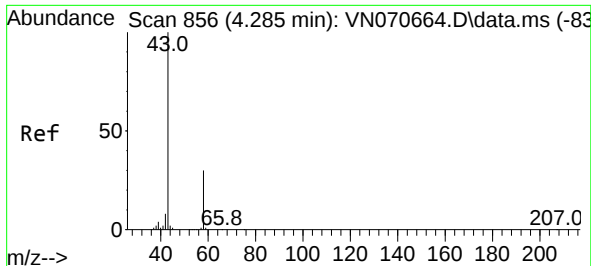
Tgt Ion:168 Resp: 741749
Ion Ratio Lower Upper
168 100
99 58.9 41.3 61.9



#5
Bromomethane
Concen: 0.366 ug/l
RT: 2.810 min Scan# 306
Delta R.T. -0.022 min
Lab File: VN070927.D
Acq: 3 Feb 2022 14:00

Tgt Ion: 94 Resp: 1624
Ion Ratio Lower Upper
94 100
96 103.8 73.8 110.8

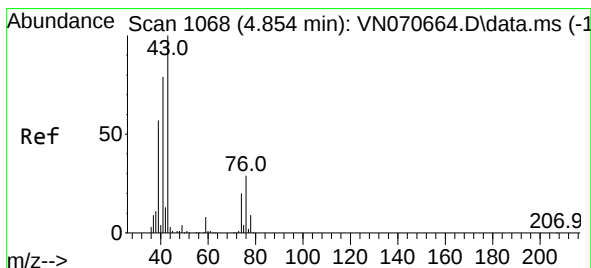
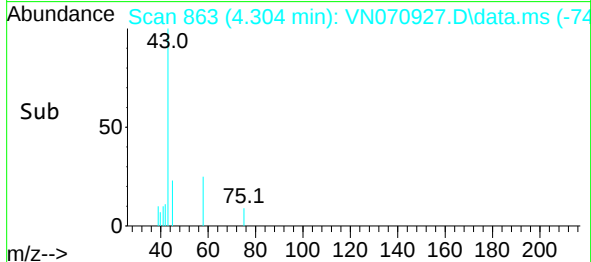
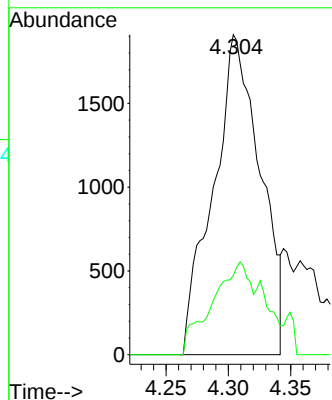
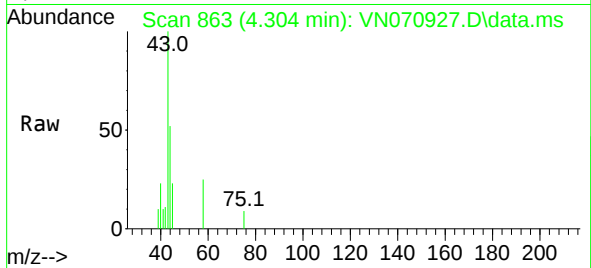




#16
Acetone
Concen: 0.837 ug/l
RT: 4.304 min Scan# 80
Delta R.T. 0.019 min
Lab File: VN070927.D
Acq: 3 Feb 2022 14:00

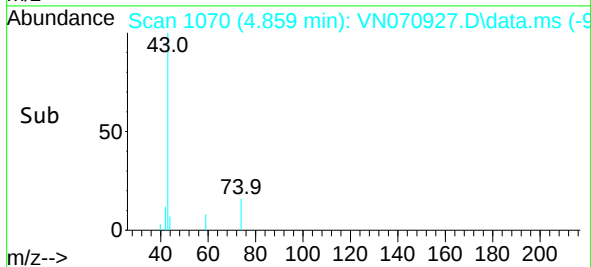
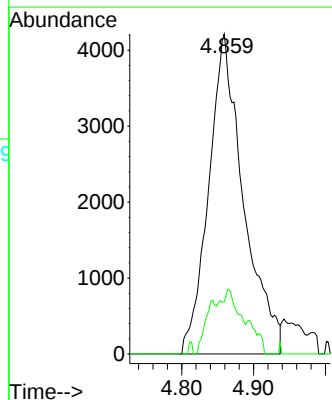
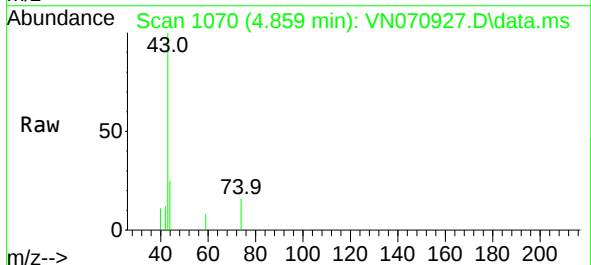
Instrument :
MSVOA_N
ClientSampleId :

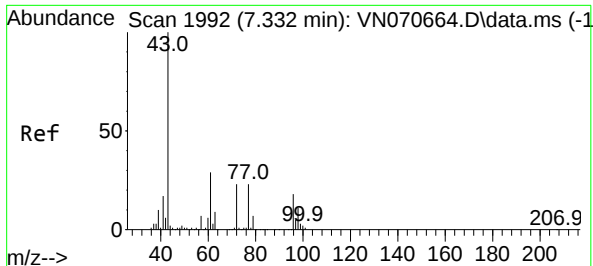
Tgt Ion: 43 Resp: 5027
Ion Ratio Lower Upper
43 100
58 24.7 23.1 34.7



#18
Methyl Acetate
Concen: 0.573 ug/l
RT: 4.859 min Scan# 1070
Delta R.T. 0.005 min
Lab File: VN070927.D
Acq: 3 Feb 2022 14:00

Tgt Ion: 43 Resp: 14207
Ion Ratio Lower Upper
43 100
74 3.7 19.4 29.2#





#25

2-Butanone

Concen: 0.611 ug/l

RT: 7.348 min Scan# 1992

Delta R.T. 0.013 min

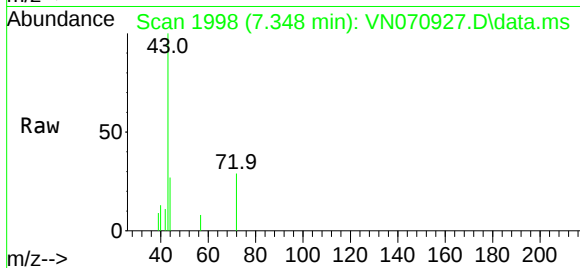
Lab File: VN070927.D

Acq: 3 Feb 2022 14:00

Instrument :

MSVOA_N

ClientSampleId :

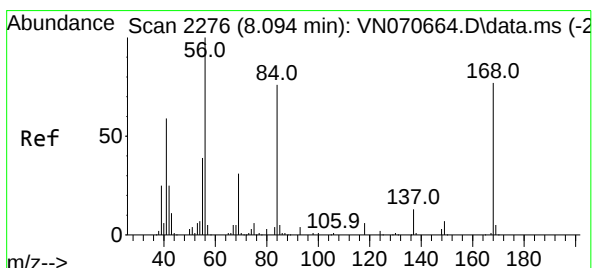
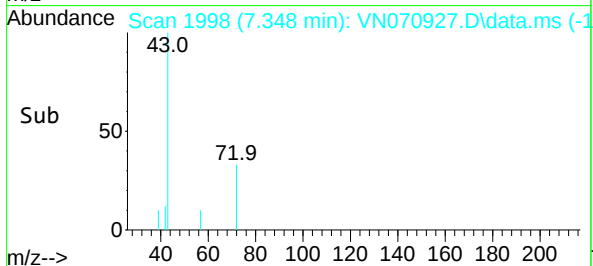
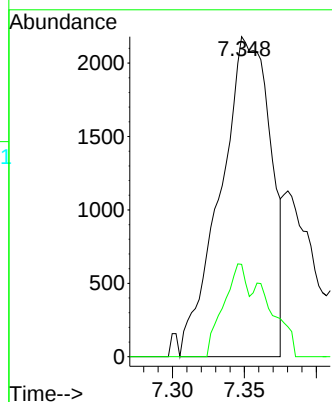


Tgt Ion: 43 Resp: 5292

Ion Ratio Lower Upper

43 100

72 28.9 21.7 32.5



#31

Cyclohexane

Concen: 1.073 ug/l

RT: 8.080 min Scan# 2271

Delta R.T. -0.014 min

Lab File: VN070927.D

Acq: 3 Feb 2022 14:00

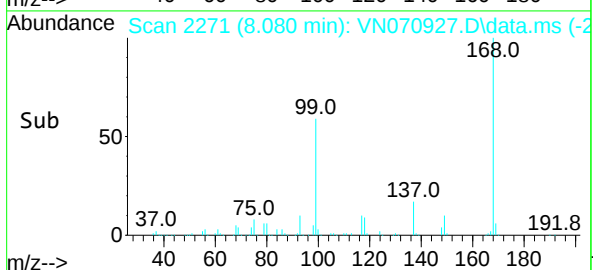
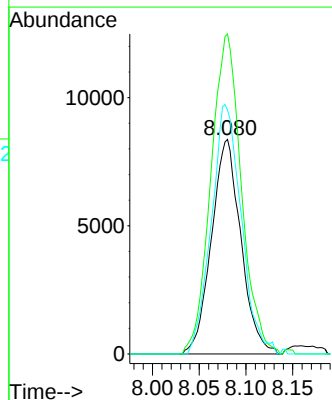
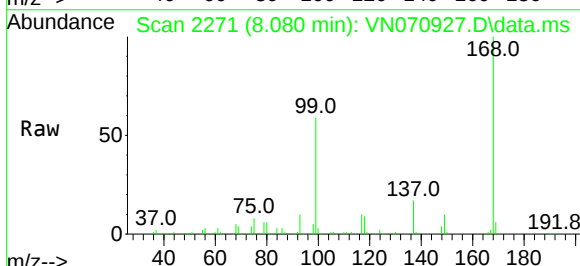
Tgt Ion: 56 Resp: 18305

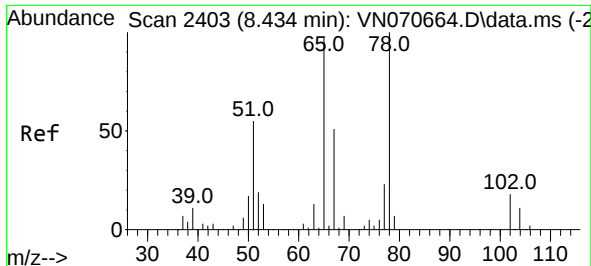
Ion Ratio Lower Upper

56 100

69 149.2 27.1 40.7#

84 113.5 73.4 110.0#





#33

1,2-Dichloroethane-d4

Concen: 51.387 ug/l

RT: 8.432 min Scan# 24

Delta R.T. -0.005 min

Lab File: VN070927.D

Acq: 3 Feb 2022 14:00

Instrument :

MSVOA_N

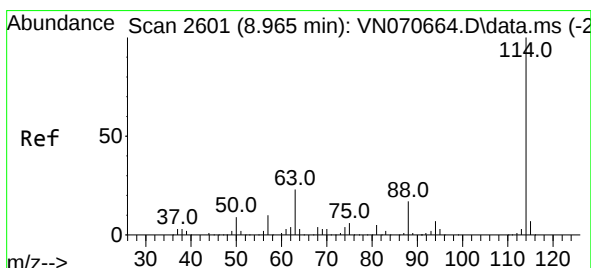
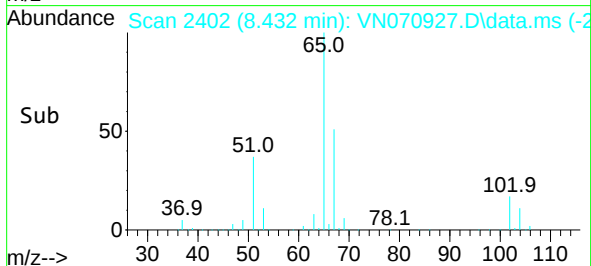
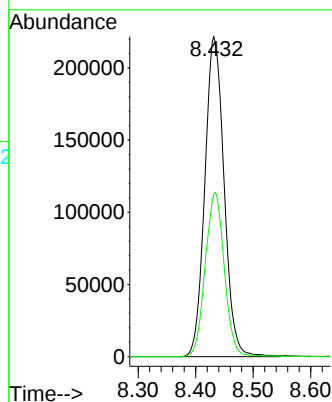
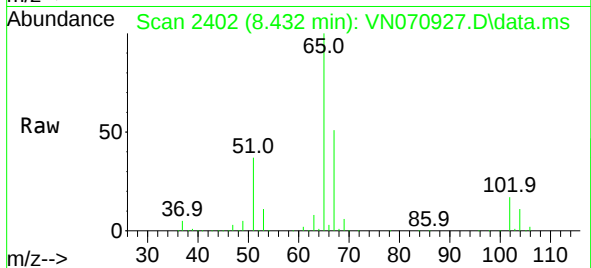
ClientSampleId :

Tgt Ion: 65 Resp: 515943

Ion Ratio Lower Upper

65 100

67 50.9 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 2600

Delta R.T. -0.003 min

Lab File: VN070927.D

Acq: 3 Feb 2022 14:00

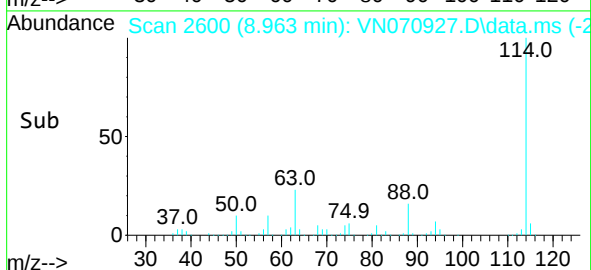
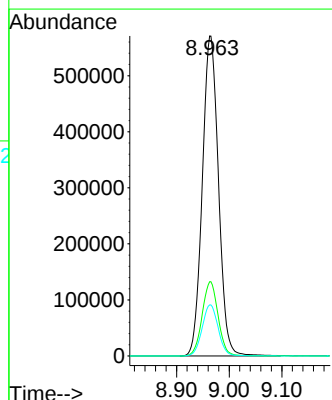
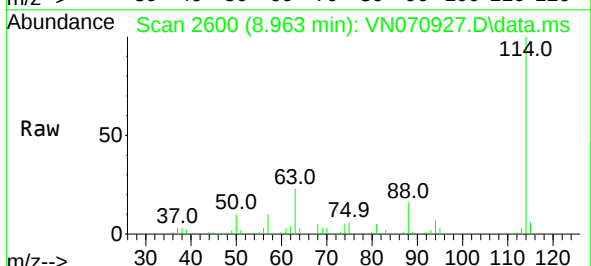
Tgt Ion: 114 Resp: 1216100

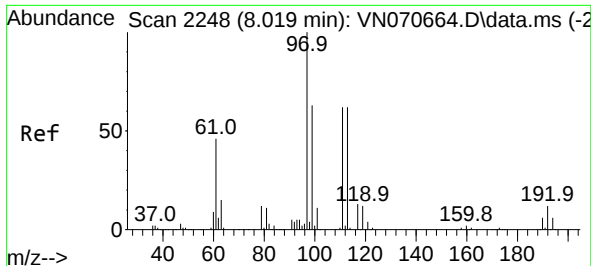
Ion Ratio Lower Upper

114 100

63 23.2 0.0 37.8

88 16.0 0.0 27.4





#35

Dibromofluoromethane

Concen: 47.944 ug/l

RT: 8.019 min Scan# 21

Delta R.T. -0.002 min

Lab File: VN070927.D

Acq: 3 Feb 2022 14:00

Instrument :

MSVOA_N

ClientSampleId :

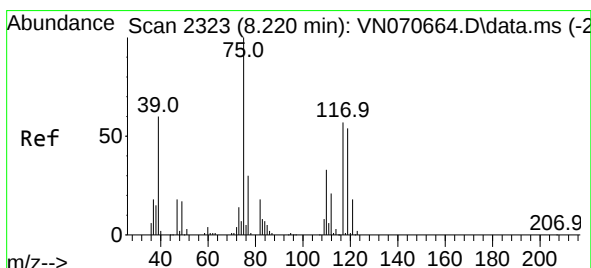
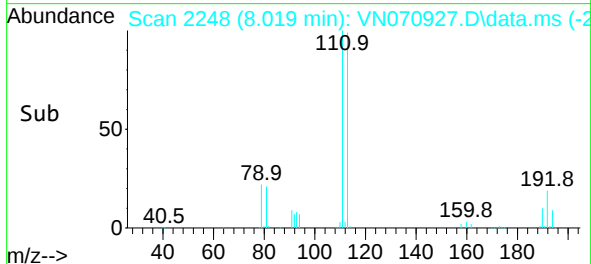
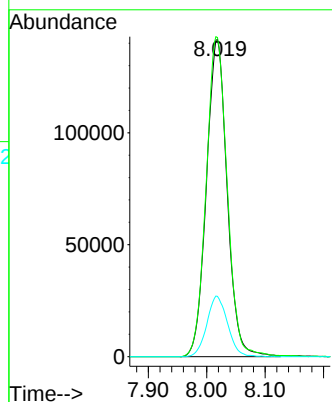
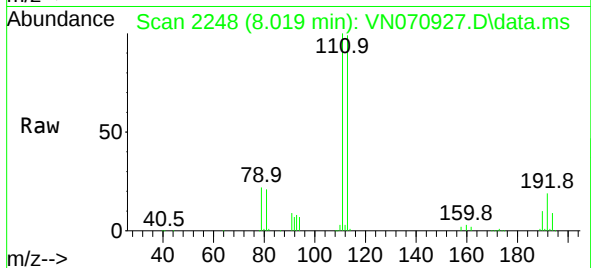
Tgt Ion:113 Resp: 349281

Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.2

192 19.1 16.9 25.3



#36

1,1-Dichloropropene

Concen: 5.176 ug/l

RT: 8.083 min Scan# 2272

Delta R.T. -0.137 min

Lab File: VN070927.D

Acq: 3 Feb 2022 14:00

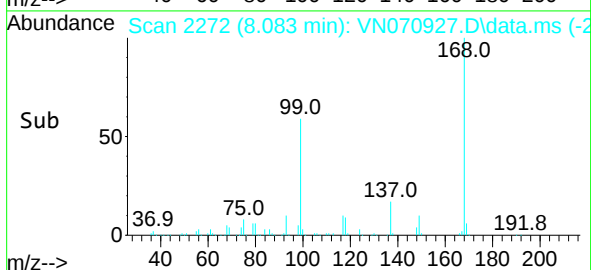
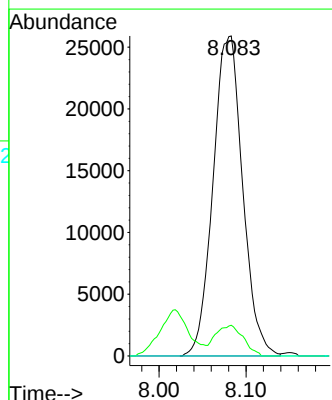
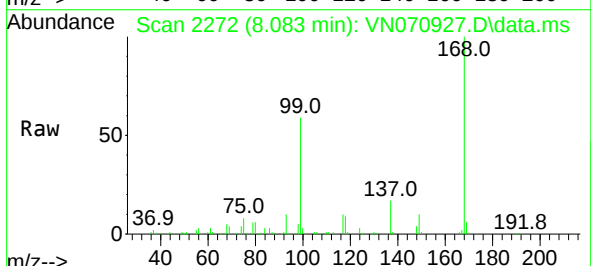
Tgt Ion: 75 Resp: 61259

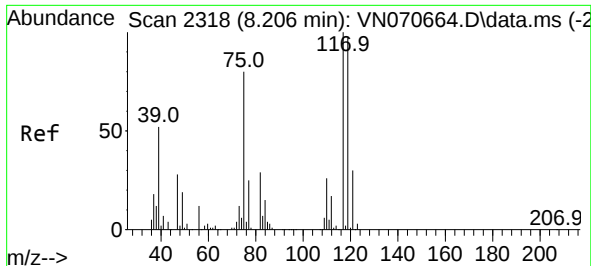
Ion Ratio Lower Upper

75 100

110 9.0 18.4 55.2#

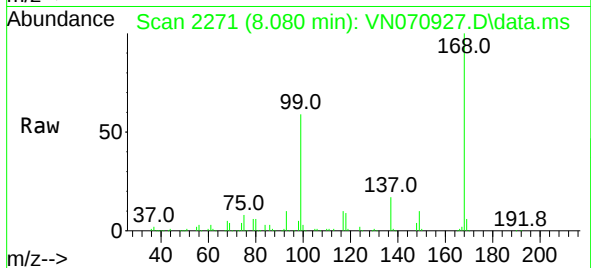
77 0.0 24.4 36.6#



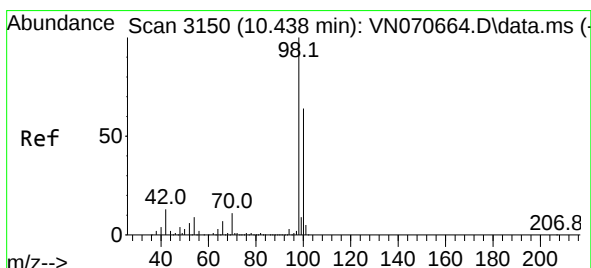
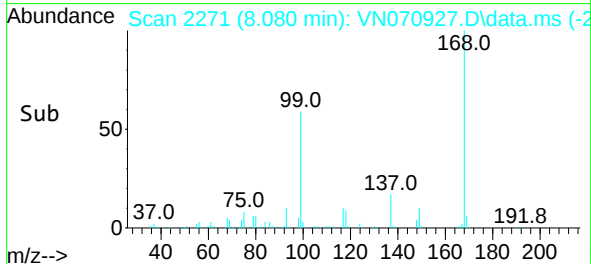
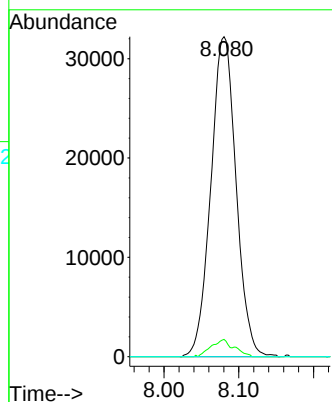


#38
Carbon Tetrachloride
Concen: 6.996 ug/l
RT: 8.080 min Scan# 211
Delta R.T. -0.126 min
Lab File: VN070927.D
Acq: 3 Feb 2022 14:00

Instrument :
MSVOA_N
ClientSampleId :

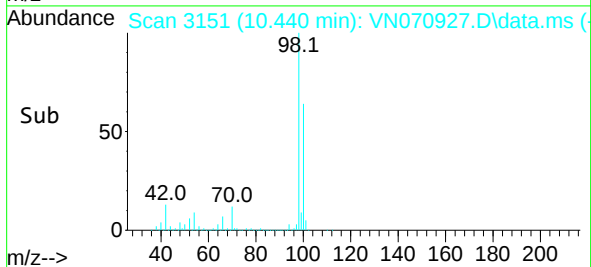
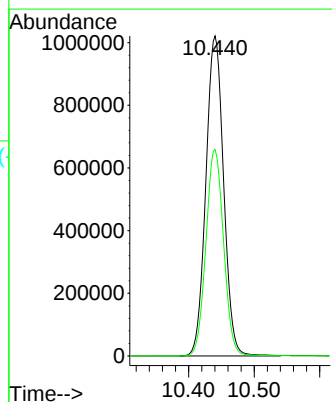
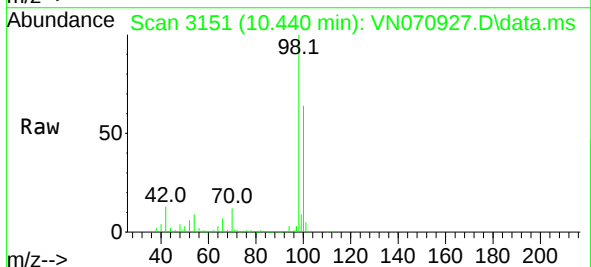


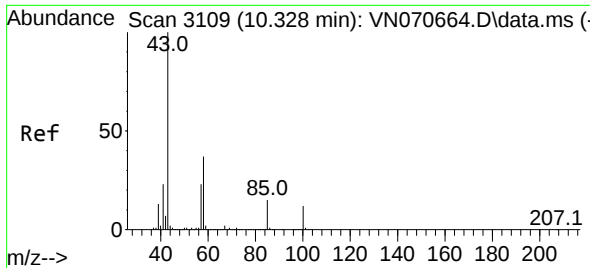
Tgt Ion:117 Resp: 75619
Ion Ratio Lower Upper
117 100
119 5.4 76.1 114.1#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 64.171 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.001 min
Lab File: VN070927.D
Acq: 3 Feb 2022 14:00

Tgt Ion: 98 Resp: 1919477
Ion Ratio Lower Upper
98 100
100 64.4 50.4 75.6

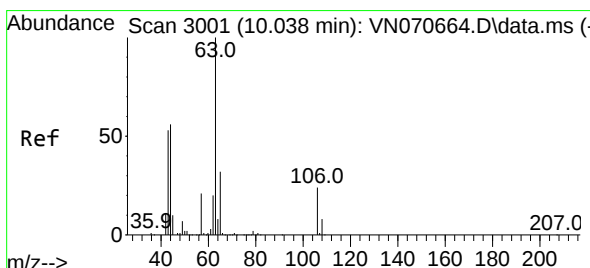
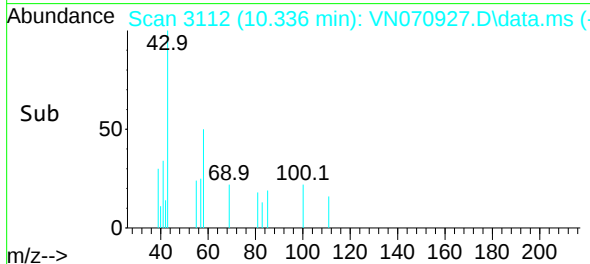
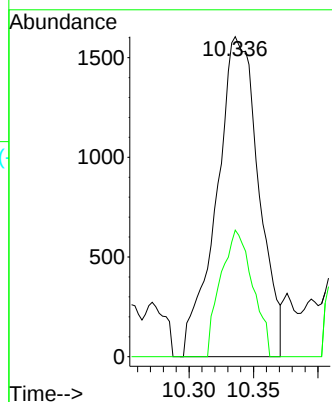
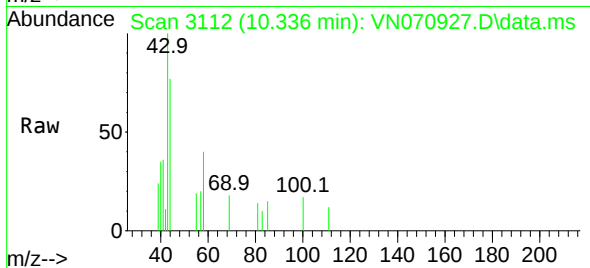




#51
4-Methyl-2-Pentanone
Concen: 0.227 ug/l
RT: 10.336 min Scan# 3109
Delta R.T. 0.005 min
Lab File: VN070927.D
Acq: 3 Feb 2022 14:00

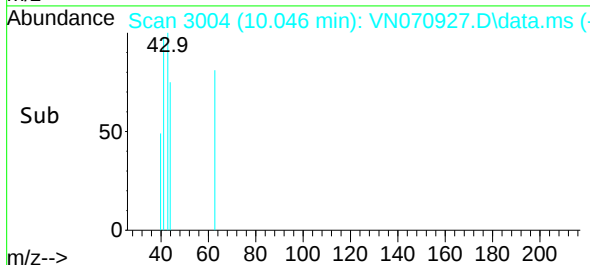
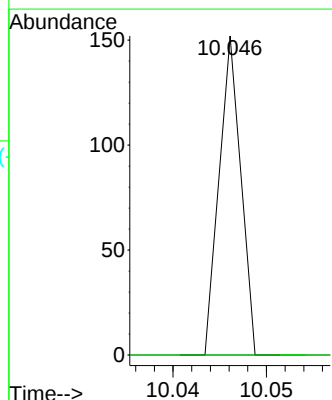
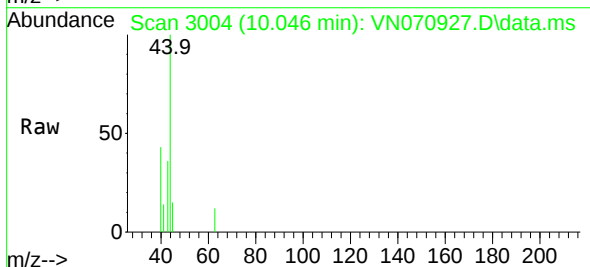
Instrument :
MSVOA_N
ClientSampleId :

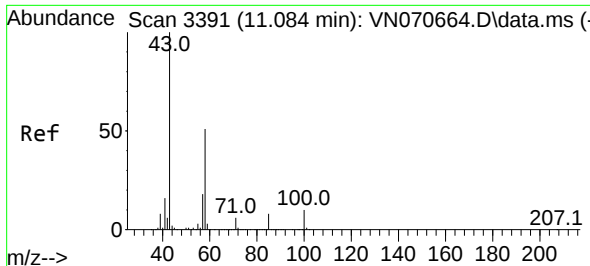
Tgt Ion: 43 Resp: 3660
Ion Ratio Lower Upper
43 100
58 29.9 30.4 45.6#



#58
2-Chloroethyl Vinyl ether
Concen: 19.655 ug/l
RT: 10.046 min Scan# 3004
Delta R.T. 0.005 min
Lab File: VN070927.D
Acq: 3 Feb 2022 14:00

Tgt Ion: 63 Resp: 24
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#

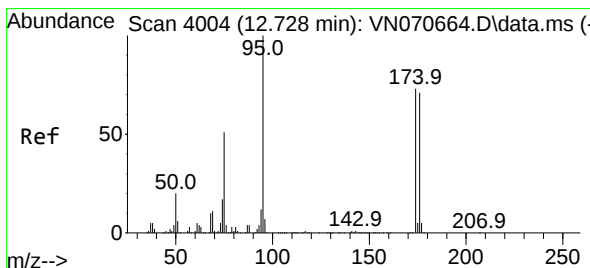
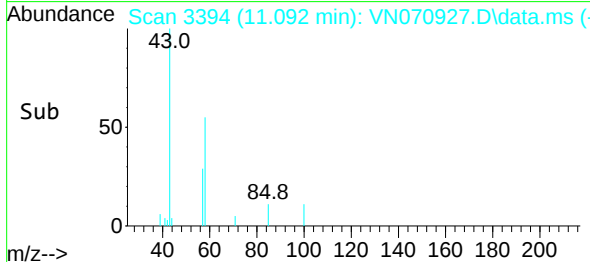
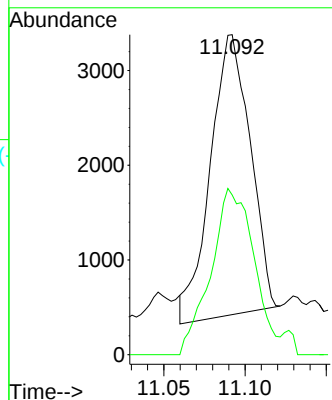
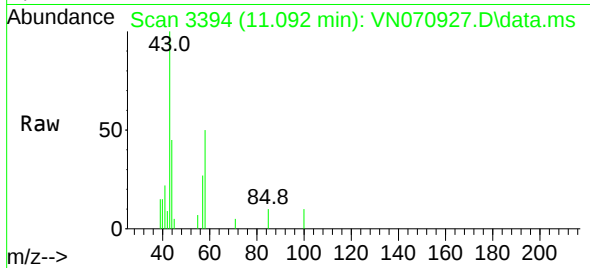




#59
2-Hexanone
Concen: 0.430 ug/l
RT: 11.092 min Scan# 31
Delta R.T. 0.008 min
Lab File: VN070927.D
Acq: 3 Feb 2022 14:00

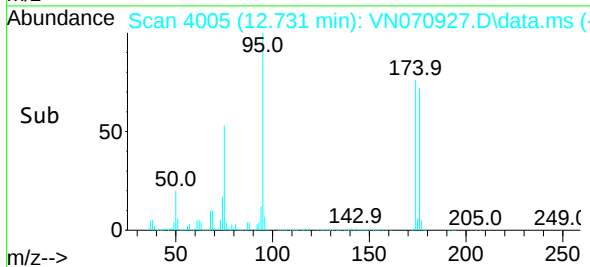
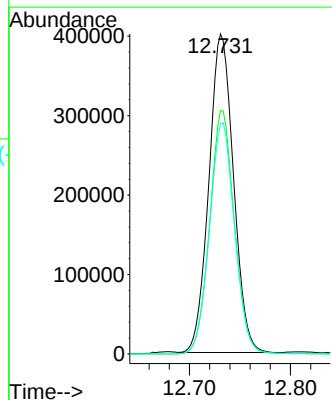
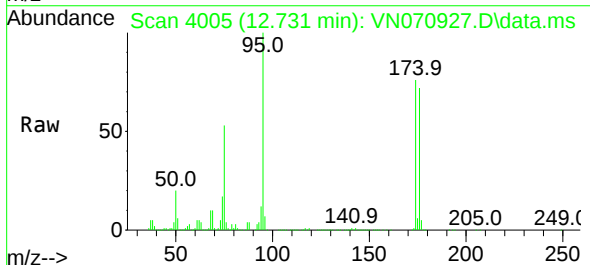
Instrument :
MSVOA_N
ClientSampleId :

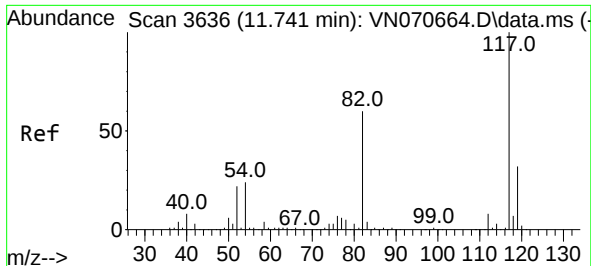
Tgt Ion: 43 Resp: 5068
Ion Ratio Lower Upper
43 100
58 64.0 26.9 80.7



#62
4-Bromofluorobenzene
Concen: 62.962 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070927.D
Acq: 3 Feb 2022 14:00

Tgt Ion: 95 Resp: 678599
Ion Ratio Lower Upper
95 100
174 76.9 0.0 187.2
176 73.9 0.0 181.4

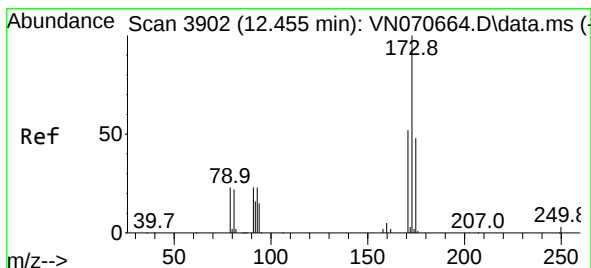
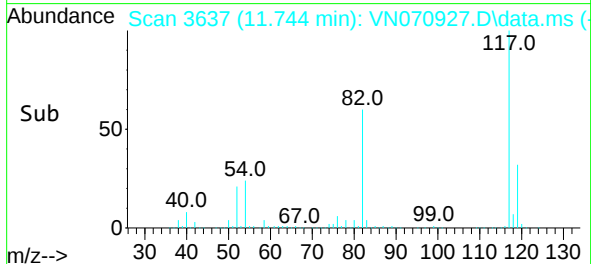
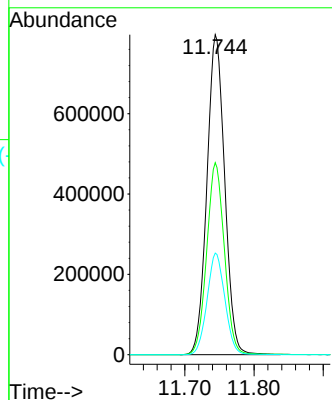
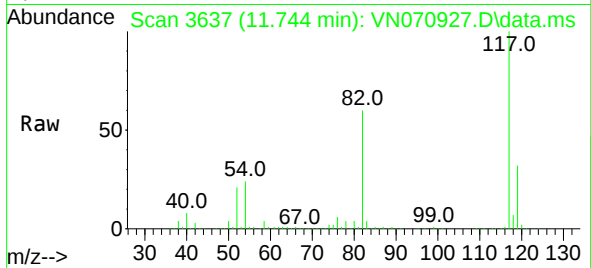




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN070927.D
Acq: 3 Feb 2022 14:00

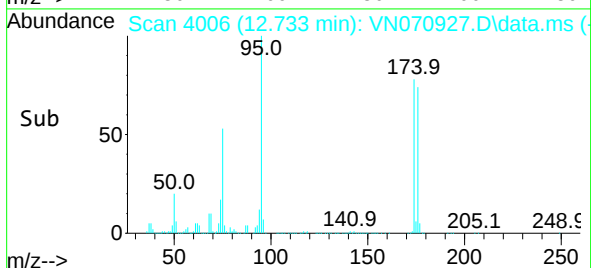
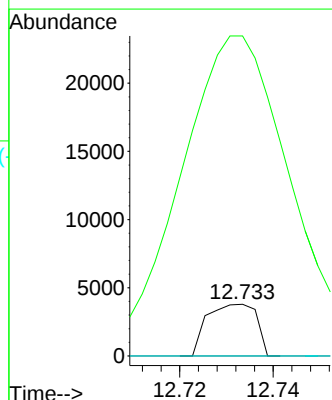
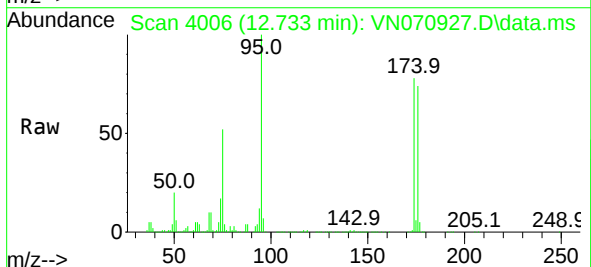
Instrument :
MSVOA_N
ClientSampleId :

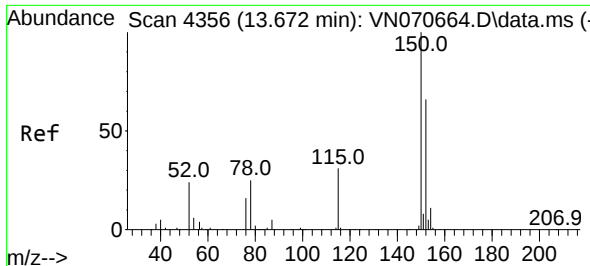
Tgt Ion:117 Resp: 1420413
Ion Ratio Lower Upper
117 100
82 60.0 42.4 63.6
119 31.8 25.4 38.2



#71
Bromoform
Concen: 0.324 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.276 min
Lab File: VN070927.D
Acq: 3 Feb 2022 14:00

Tgt Ion:173 Resp: 2780
Ion Ratio Lower Upper
173 100
175 1297.6 24.2 72.6#
254 0.0 0.0 0.0

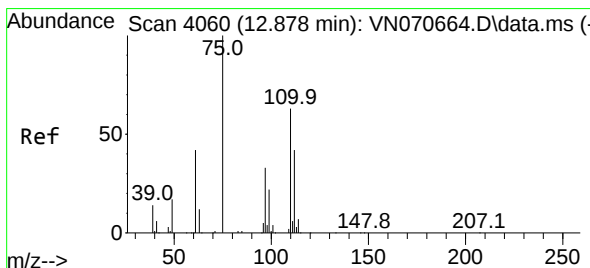
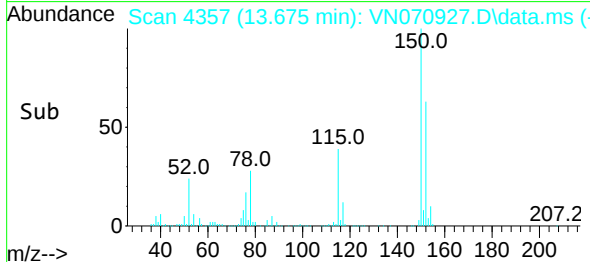
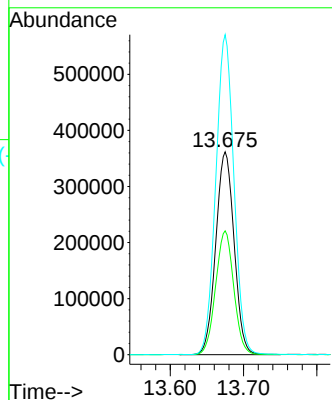
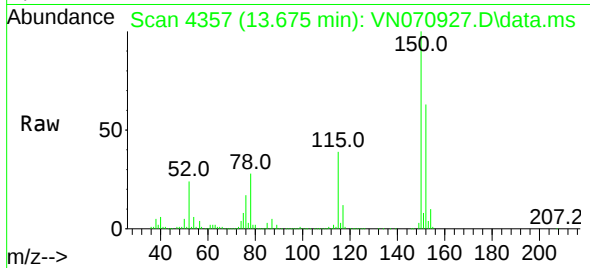




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 41
Delta R.T. 0.003 min
Lab File: VN070927.D
Acq: 3 Feb 2022 14:00

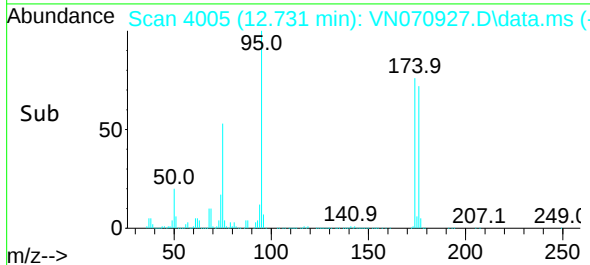
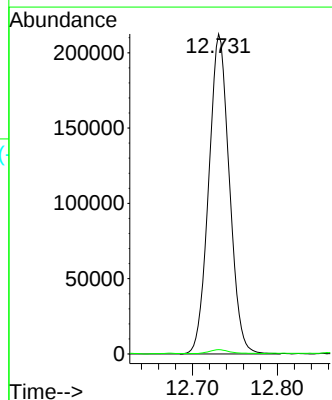
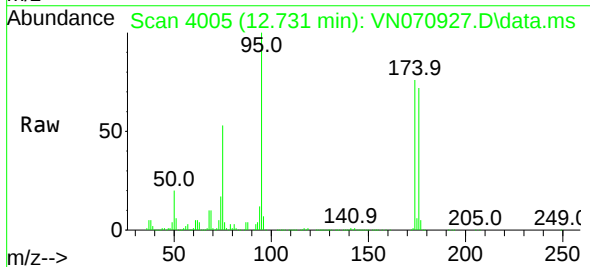
Instrument :
MSVOA_N
ClientSampleId :

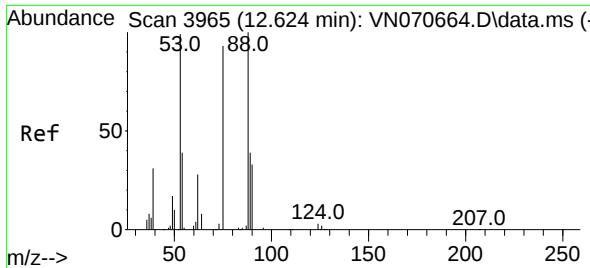
Tgt Ion:152 Resp: 629604
Ion Ratio Lower Upper
152 100
115 60.1 27.5 82.5
150 155.9 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 23.594 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.147 min
Lab File: VN070927.D
Acq: 3 Feb 2022 14:00

Tgt Ion: 75 Resp: 357553
Ion Ratio Lower Upper
75 100
77 1.2 82.6 247.8#

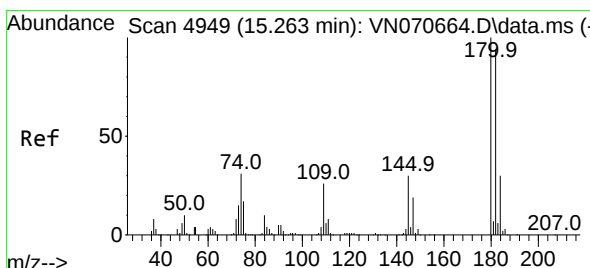
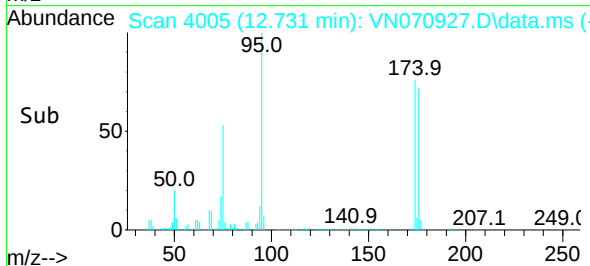
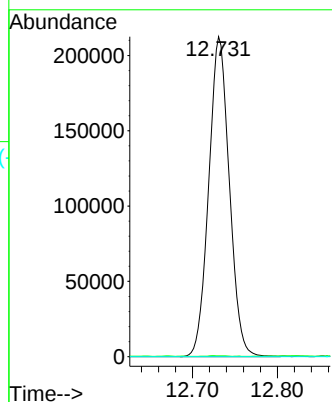
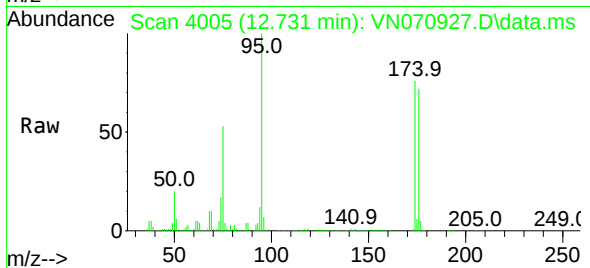




#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.955 ug/l
 RT: 12.731 min Scan# 4005
 Delta R.T. 0.107 min
 Lab File: VN070927.D
 Acq: 3 Feb 2022 14:00

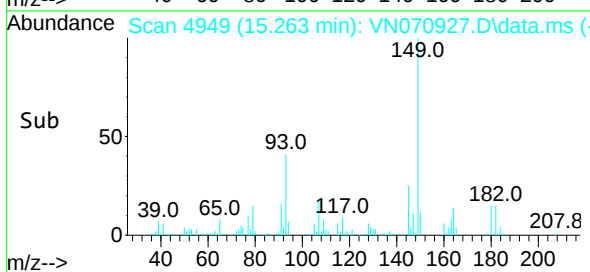
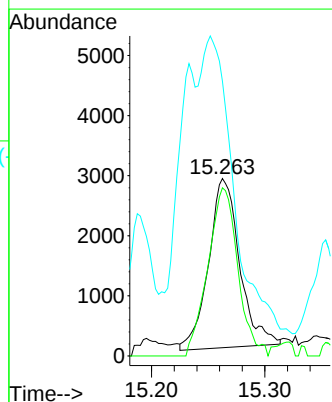
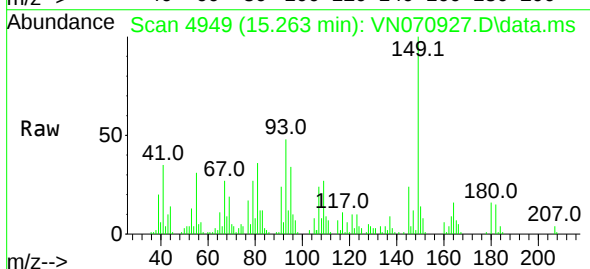
Instrument :
 MSVOA_N
 ClientSampleId :

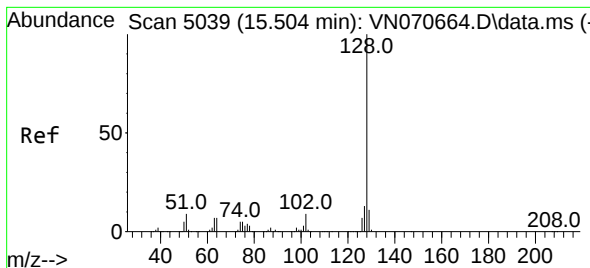
Tgt Ion: 75 Resp: 357553
 Ion Ratio Lower Upper
 75 100
 53 0.2 90.5 135.7#
 89 0.0 38.2 57.4#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.461 ug/l
 RT: 15.263 min Scan# 4949
 Delta R.T. -0.000 min
 Lab File: VN070927.D
 Acq: 3 Feb 2022 14:00

Tgt Ion:180 Resp: 5366
 Ion Ratio Lower Upper
 180 100
 182 95.5 48.3 144.9
 145 0.0 14.5 43.5#





#95

Naphthalene

Concen: 4.414 ug/l

RT: 15.507 min Scan# 5039

Delta R.T. 0.003 min

Lab File: VN070927.D

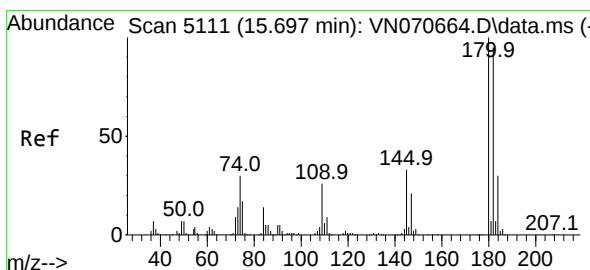
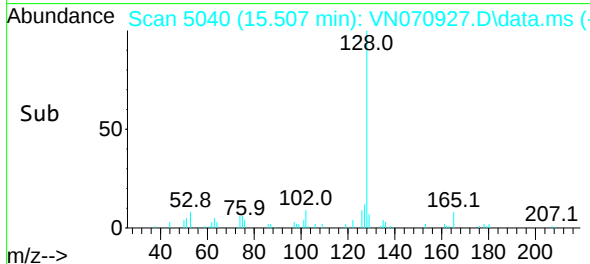
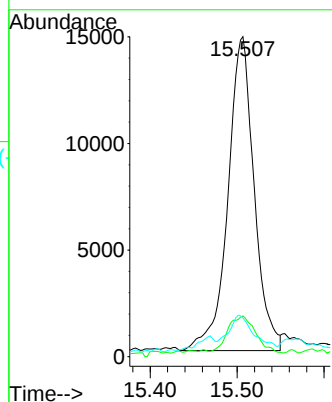
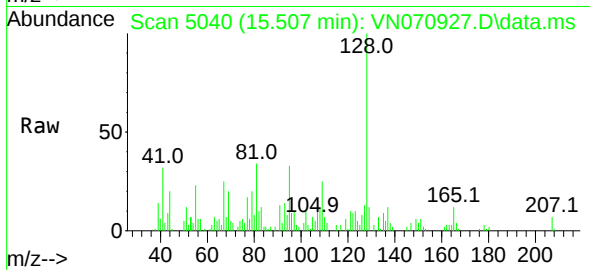
Acq: 3 Feb 2022 14:00

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:128 Resp: 30917
 Ion Ratio Lower Upper
 128 100
 127 12.4 10.5 15.7
 129 8.6 8.7 13.1#



#96

1,2,3-Trichlorobenzene

Concen: 2.224 ug/l

RT: 15.702 min Scan# 5113

Delta R.T. 0.002 min

Lab File: VN070927.D

Acq: 3 Feb 2022 14:00

Tgt Ion:180 Resp: 6009
 Ion Ratio Lower Upper
 180 100
 182 107.5 47.4 142.2
 145 0.0 15.0 45.1#

