

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011022\
 Data File : VN070544.D
 Acq On : 10 Jan 2022 15:38
 Operator : JC/MD
 Sample : N1012-07DL 40X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 11 05:35:00 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	981940	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1653730	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1458200	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	496173	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	521183	36.915	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	73.840%
35) Dibromofluoromethane	8.021	113	371504	37.129	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	74.260%
50) Toluene-d8	10.440	98	1451259	35.505	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	71.000%
62) 4-Bromofluorobenzene	12.731	95	513233	34.764	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	69.520%

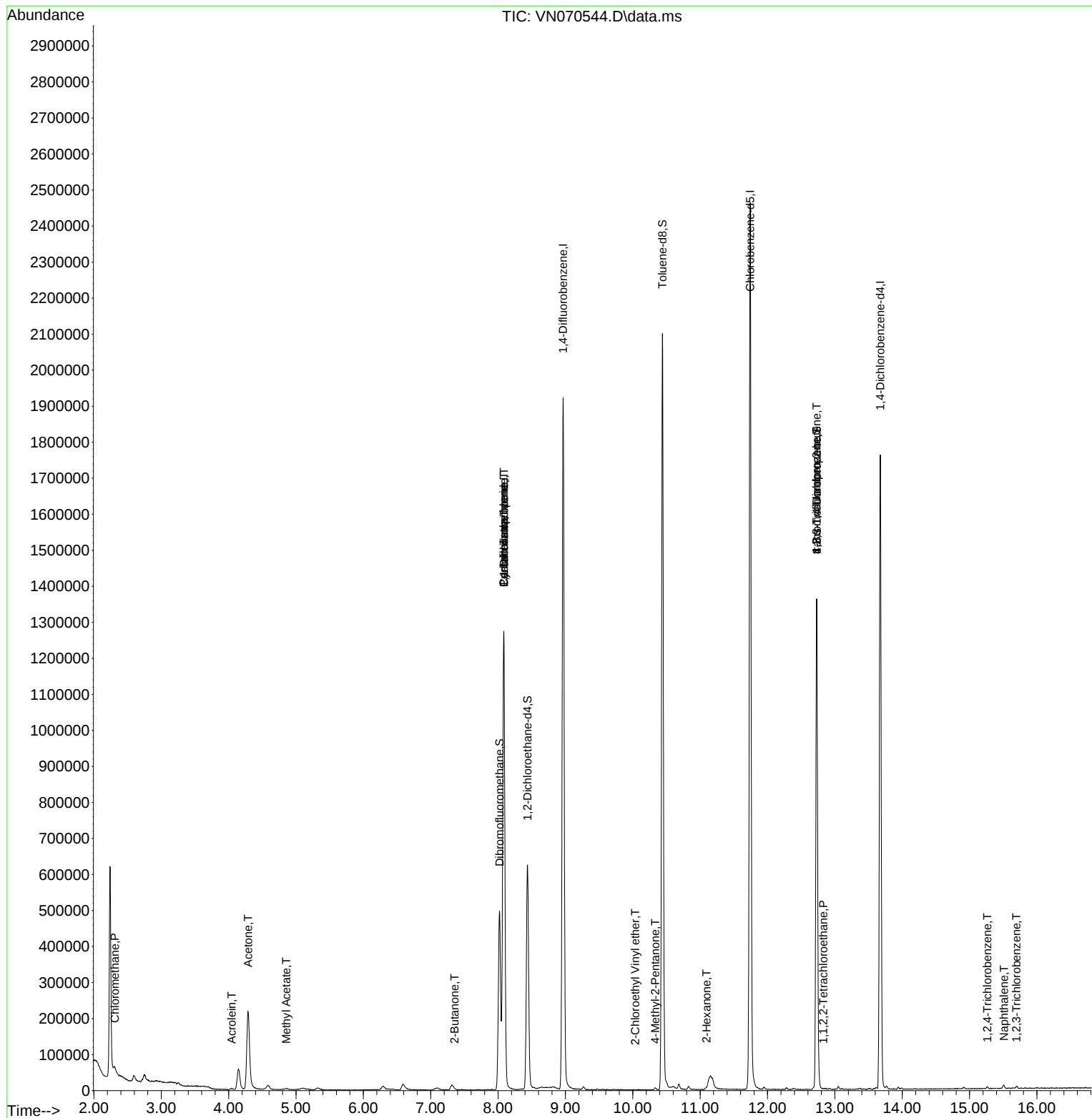
Target Compounds					Qvalue	
3) Chloromethane	2.309	50	3774	0.249	ug/l	89
13) Acrolein	4.044	56	3724	1.952	ug/l	# 69
16) Acetone	4.288	43	413225	45.087	ug/l	100
18) Methyl Acetate	4.857	43	7269	0.274	ug/l	# 59
25) 2-Butanone	7.354	43	3971	0.344	ug/l	97
31) Cyclohexane	8.086	56	21223	0.953	ug/l	# 1
36) 1,1-Dichloropropene	8.086	75	79380	4.796	ug/l	# 49
38) Carbon Tetrachloride	8.086	117	95509	6.043	ug/l	# 17
51) 4-Methyl-2-Pentanone	10.336	43	5726	0.269	ug/l	# 83
58) 2-Chloroethyl Vinyl ether	10.038	63	53	18.523	ug/l	# 45
59) 2-Hexanone	11.095	43	3322	0.214	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	160	0.457	ug/l	# 84
76) 1,2,3-Trichloropropane	12.731	75	262754	19.643	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.731	75	262754	64.700	ug/l	# 5
93) 1,2,4-Trichlorobenzene	15.263	180	2121	0.259	ug/l	93
95) Naphthalene	15.509	128	8541	2.161	ug/l	# 93
96) 1,2,3-Trichlorobenzene	15.697	180	2310	1.116	ug/l	# 57

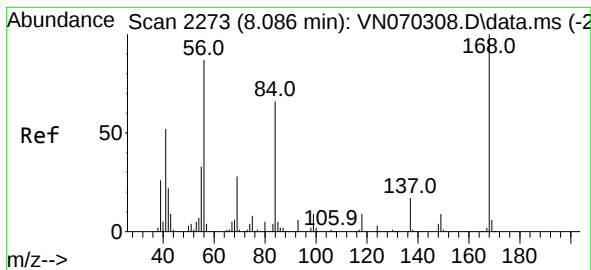
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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 MSVOA_N

Lab File: VN070544.D

Acq: 10 Jan 2022 15:38

Instrument :

MSVOA_N

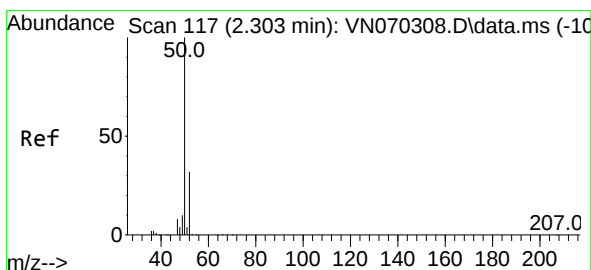
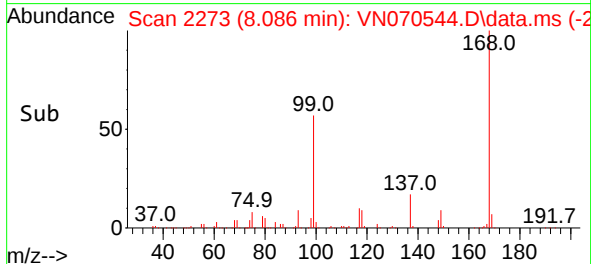
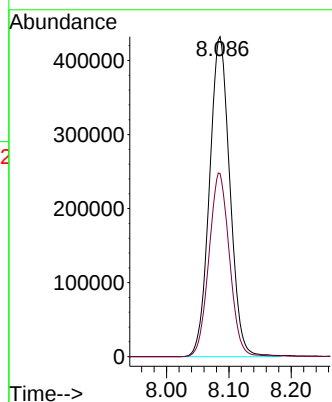
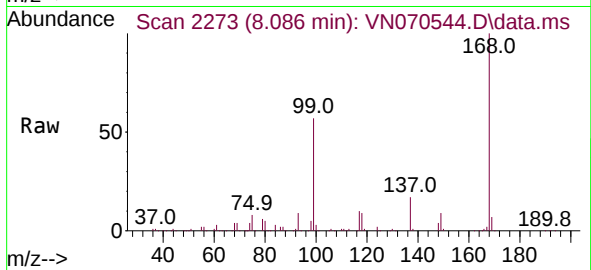
ClientSampleId :

Tgt Ion:168 Resp: 981940

Ion Ratio Lower Upper

168 100

99 57.2 41.3 61.9



#3

Chloromethane

Concen: 0.249 ug/l

RT: 2.309 min Scan# 119

Delta R.T. 0.006 min

Lab File: VN070544.D

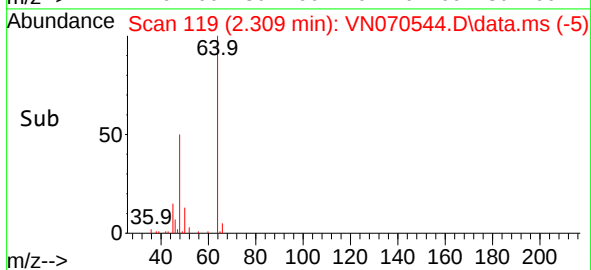
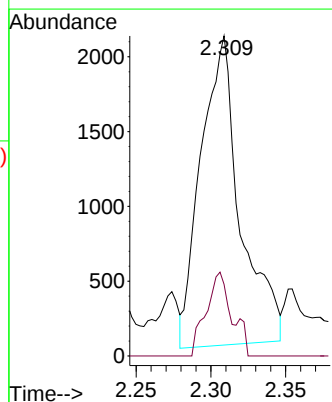
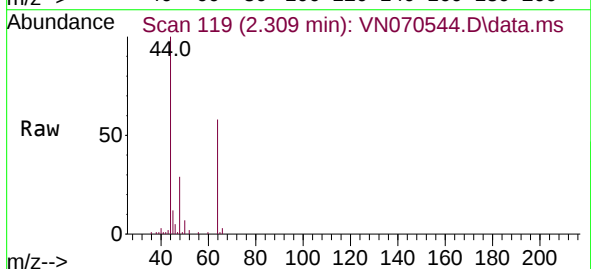
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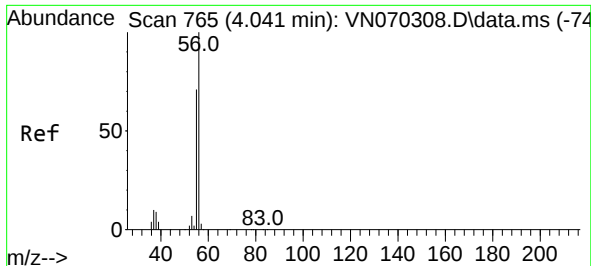
Tgt Ion: 50 Resp: 3774

Ion Ratio Lower Upper

50 100

52 25.6 25.4 38.0

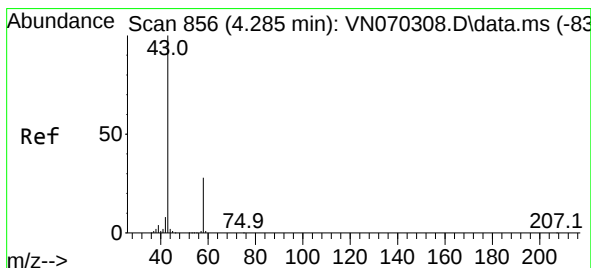
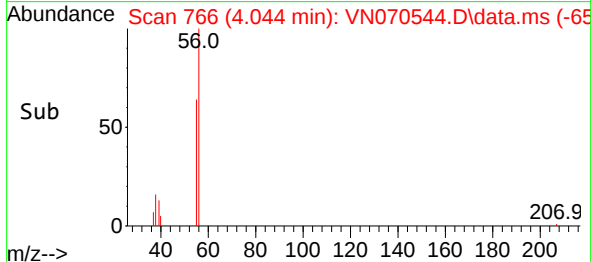
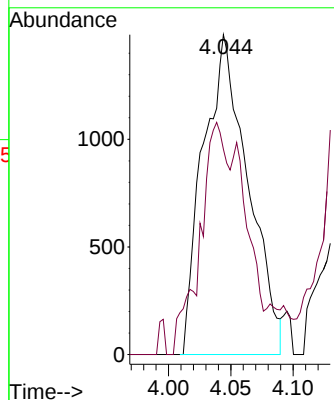
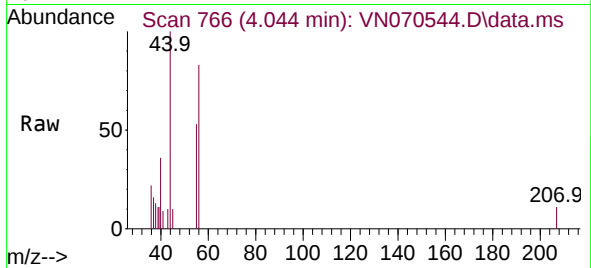




#13
Acrolein
Concen: 1.952 ug/l
RT: 4.044 min Scan# 765
Delta R.T. 0.003 min
Lab File: VN070544.D
Acq: 10 Jan 2022 15:38

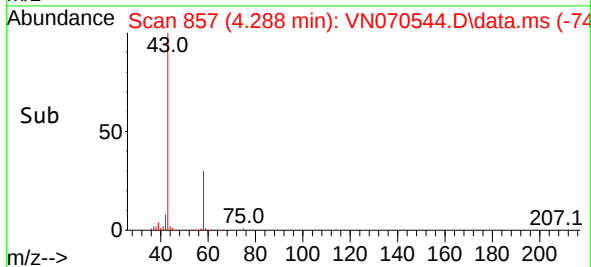
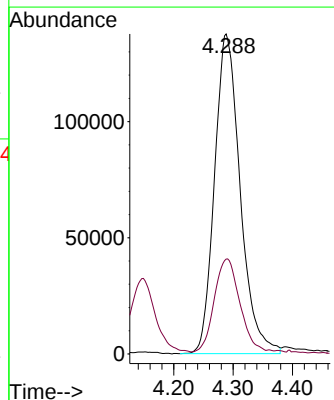
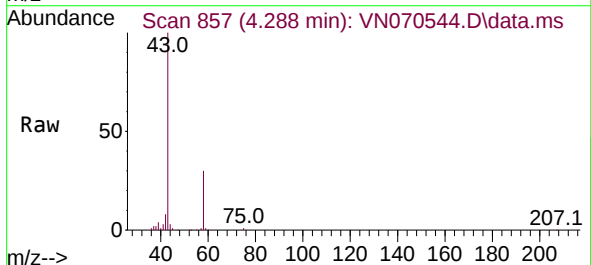
Instrument :
MSVOA_N
ClientSampleId :

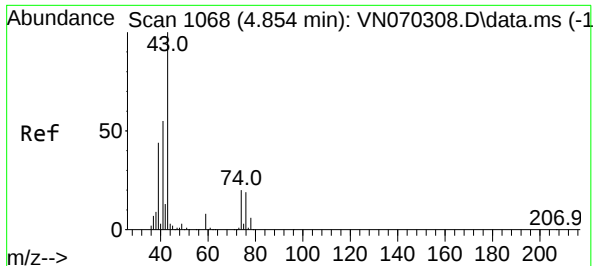
Tgt Ion: 56 Resp: 3724
Ion Ratio Lower Upper
56 100
55 45.5 56.6 85.0#



#16
Acetone
Concen: 45.087 ug/l
RT: 4.288 min Scan# 857
Delta R.T. 0.003 min
Lab File: VN070544.D
Acq: 10 Jan 2022 15:38

Tgt Ion: 43 Resp: 413225
Ion Ratio Lower Upper
43 100
58 28.7 23.1 34.7





#18

Methyl Acetate

Concen: 0.274 ug/l

RT: 4.857 min Scan# 1

Delta R.T. 0.003 min

Lab File: VN070544.D

Acq: 10 Jan 2022 15:38

Instrument :

MSVOA_N

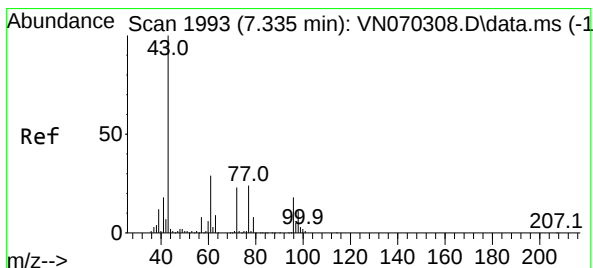
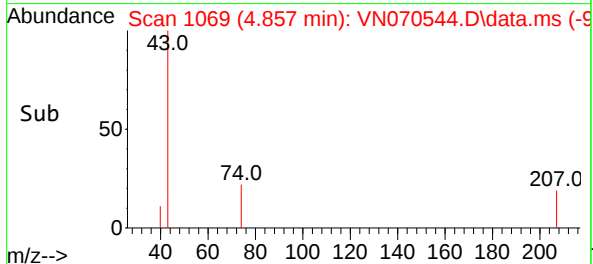
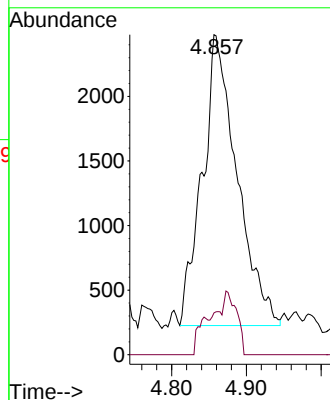
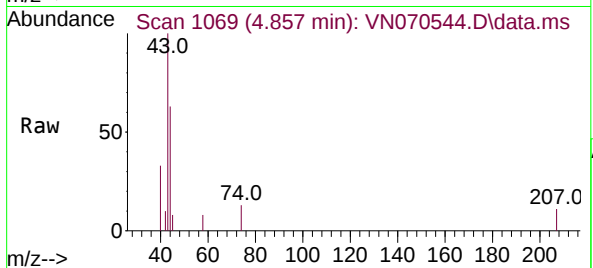
ClientSampleId :

Tgt Ion: 43 Resp: 7269

Ion Ratio Lower Upper

43 100

74 3.8 19.4 29.2#



#25

2-Butanone

Concen: 0.344 ug/l

RT: 7.354 min Scan# 2000

Delta R.T. 0.019 min

Lab File: VN070544.D

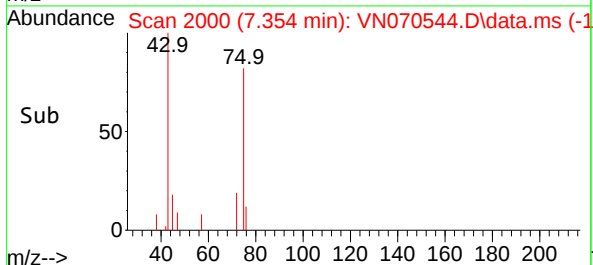
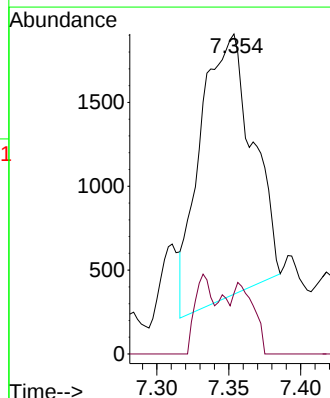
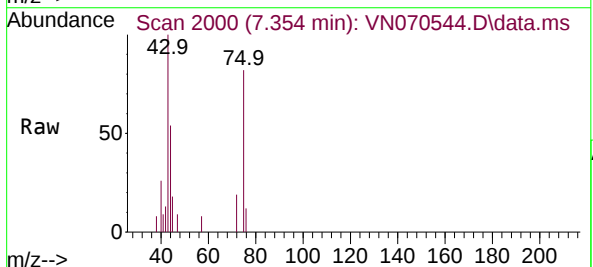
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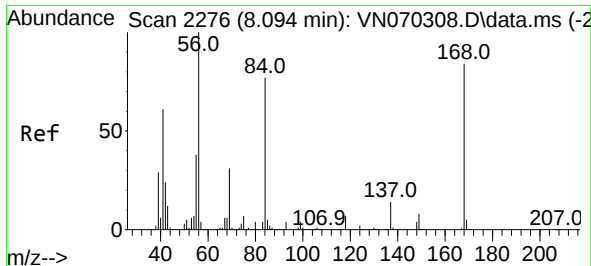
Tgt Ion: 43 Resp: 3971

Ion Ratio Lower Upper

43 100

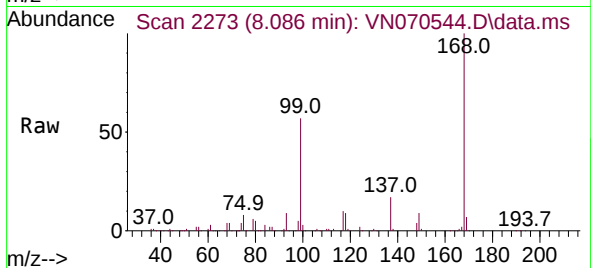
72 25.3 21.7 32.5



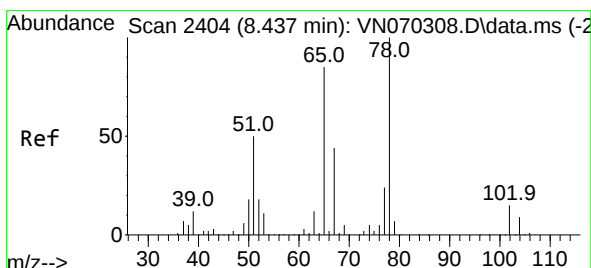
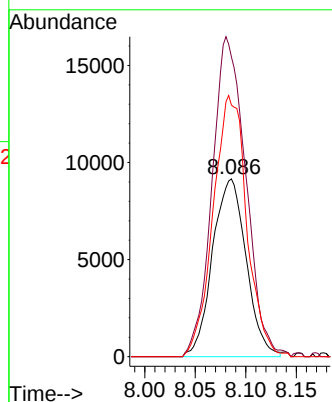
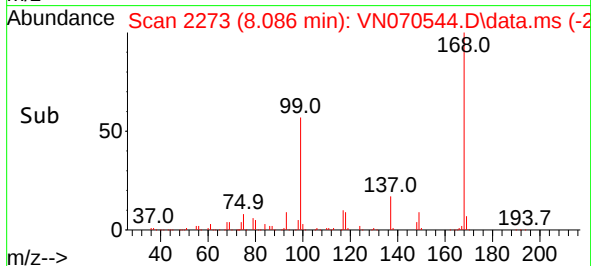


#31
Cyclohexane
Concen: 0.953 ug/l
RT: 8.086 min Scan# 21223
Delta R.T. -0.008 min
Lab File: VN070544.D
Acq: 10 Jan 2022 15:38

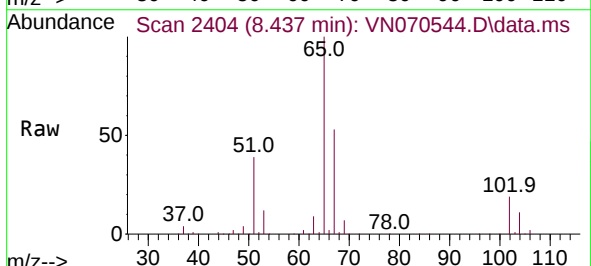
Instrument :
MSVOA_N
ClientSampleId :



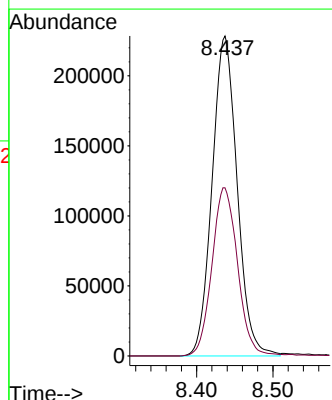
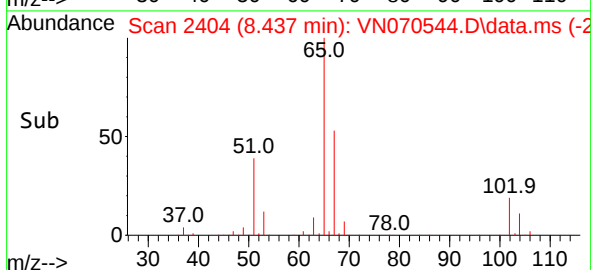
Tgt Ion: 56 Resp: 21223
Ion Ratio Lower Upper
56 100
69 168.6 27.1 40.7#
84 141.6 73.4 110.0#

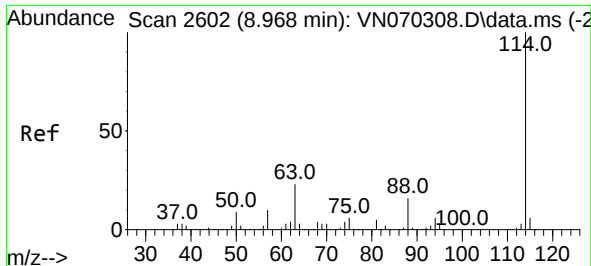


#33
1,2-Dichloroethane-d4
Concen: 36.915 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN070544.D
Acq: 10 Jan 2022 15:38



Tgt Ion: 65 Resp: 521183
Ion Ratio Lower Upper
65 100
67 53.8 0.0 103.0

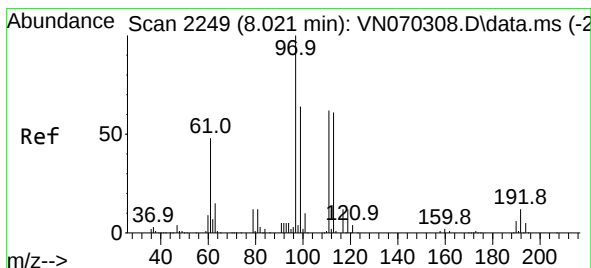
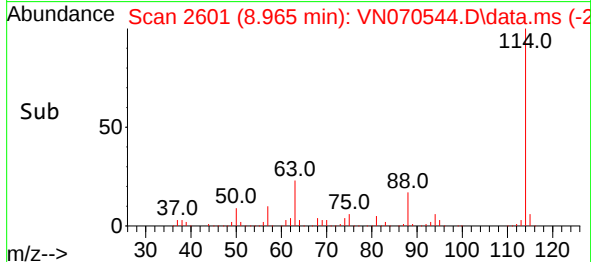
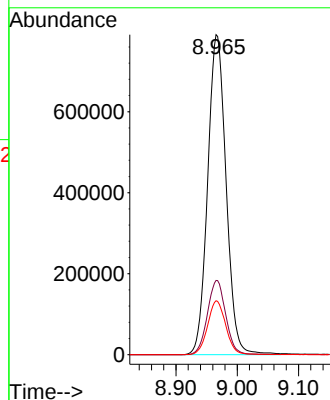
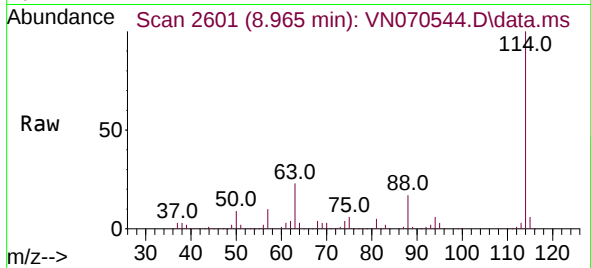




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 2601
Delta R.T. -0.003 min
Lab File: VN070544.D
Acq: 10 Jan 2022 15:38

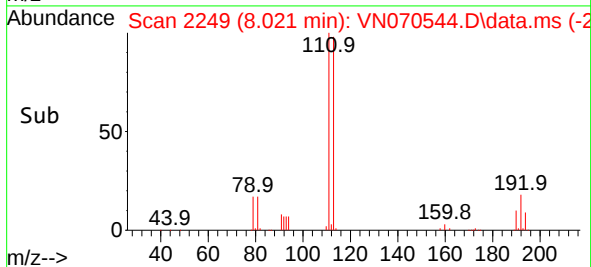
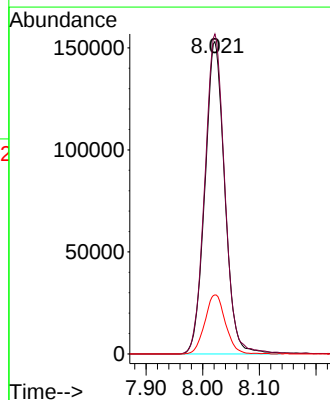
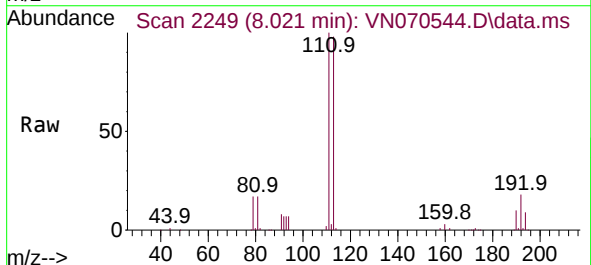
Instrument :
MSVOA_N
ClientSampleId :

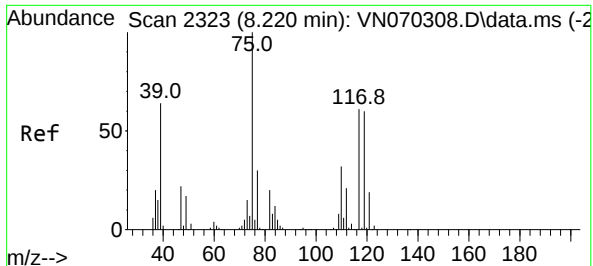
Tgt Ion:114 Resp: 1653730
Ion Ratio Lower Upper
114 100
63 23.2 0.0 37.8
88 16.8 0.0 27.4



#35
Dibromofluoromethane
Concen: 37.129 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN070544.D
Acq: 10 Jan 2022 15:38

Tgt Ion:113 Resp: 371504
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.2
192 19.6 16.9 25.3

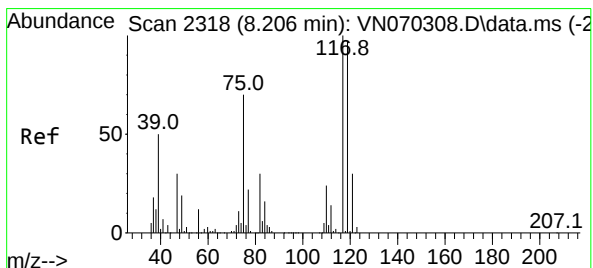
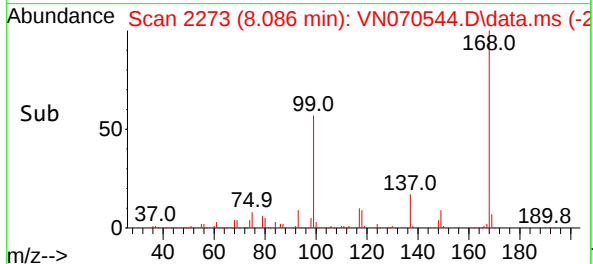
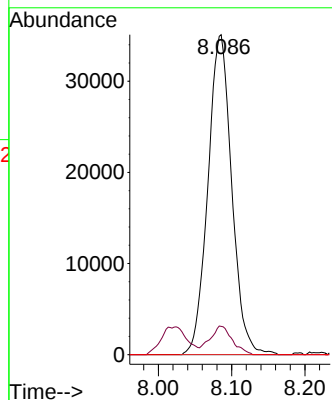
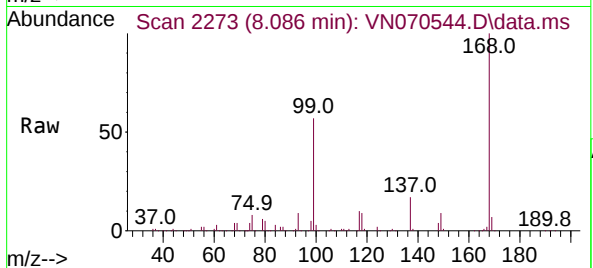




#36
 1,1-Dichloropropene
 Concen: 4.796 ug/l
 RT: 8.086 min Scan# 211
 Delta R.T. -0.134 min
 Lab File: VN070544.D
 Acq: 10 Jan 2022 15:38

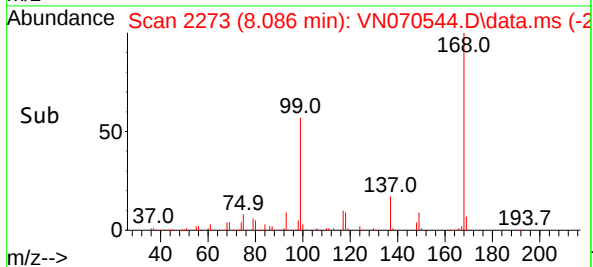
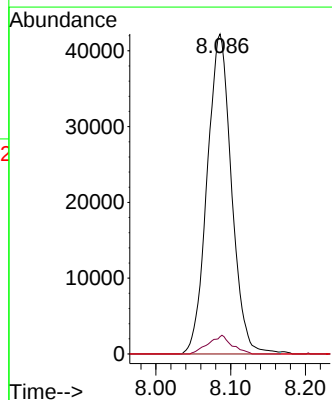
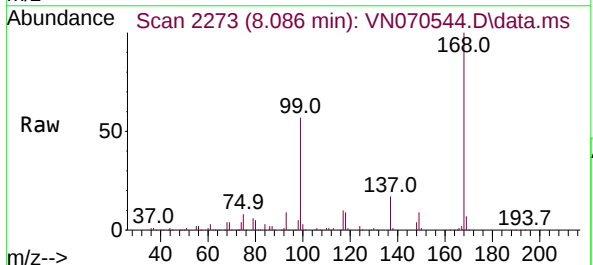
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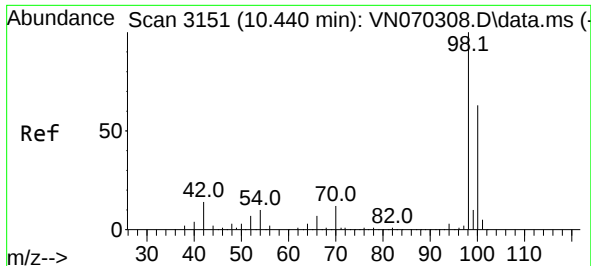
Tgt Ion: 75 Resp: 79380
 Ion Ratio Lower Upper
 75 100
 110 8.4 18.4 55.2#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 6.043 ug/l
 RT: 8.086 min Scan# 2273
 Delta R.T. -0.120 min
 Lab File: VN070544.D
 Acq: 10 Jan 2022 15:38

Tgt Ion: 117 Resp: 95509
 Ion Ratio Lower Upper
 117 100
 119 5.4 76.1 114.1#
 121 0.0 24.2 36.2#

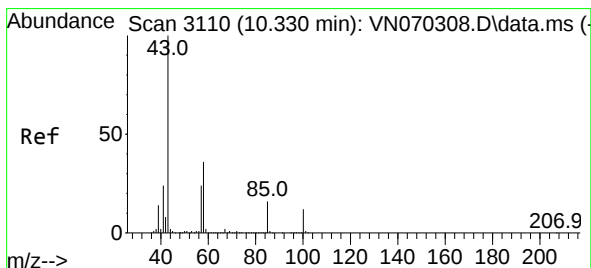
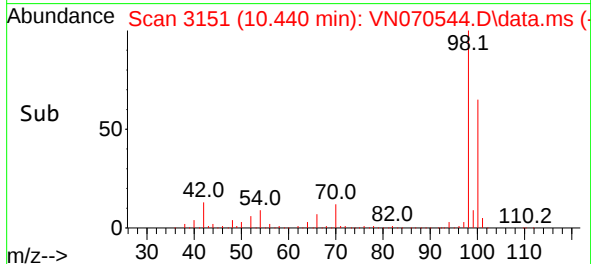
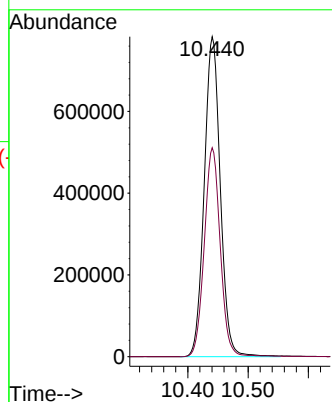
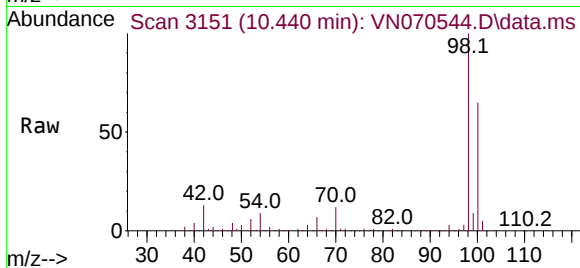




#50
Toluene-d8
Concen: 35.505 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070544.D
Acq: 10 Jan 2022 15:38

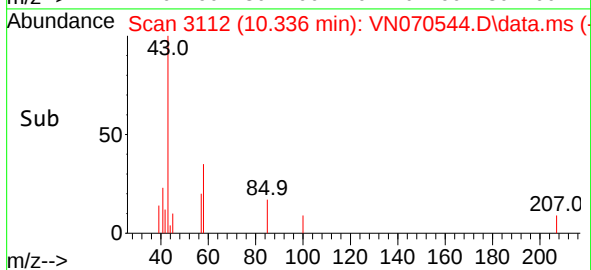
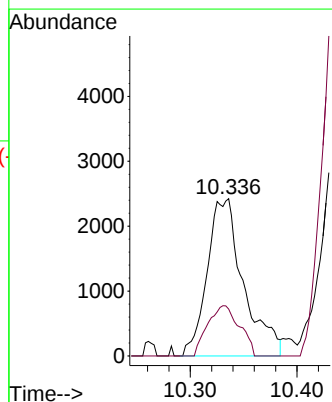
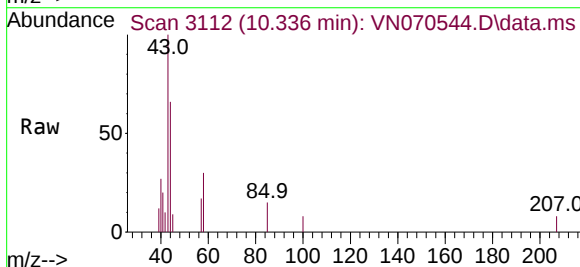
Instrument :
MSVOA_N
ClientSampleId :

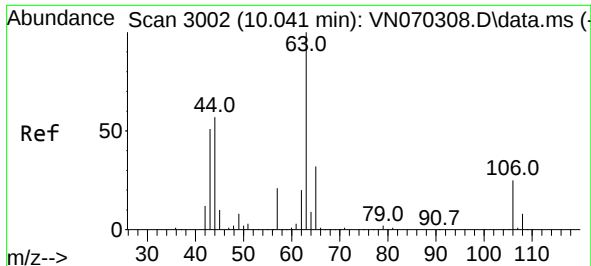
Tgt Ion: 98 Resp: 1451259
Ion Ratio Lower Upper
98 100
100 64.7 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 0.269 ug/l
RT: 10.336 min Scan# 3112
Delta R.T. 0.006 min
Lab File: VN070544.D
Acq: 10 Jan 2022 15:38

Tgt Ion: 43 Resp: 5726
Ion Ratio Lower Upper
43 100
58 28.0 30.4 45.6#

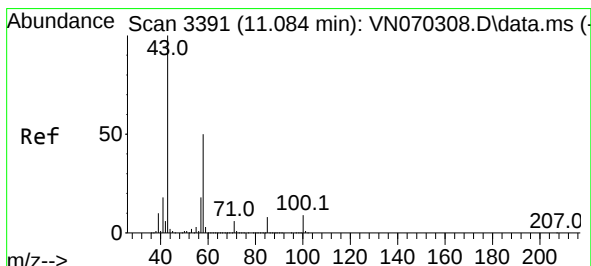
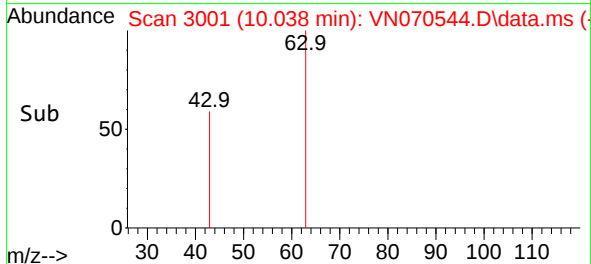
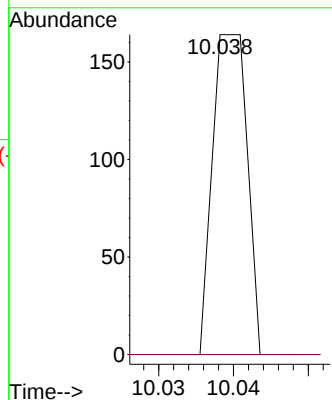
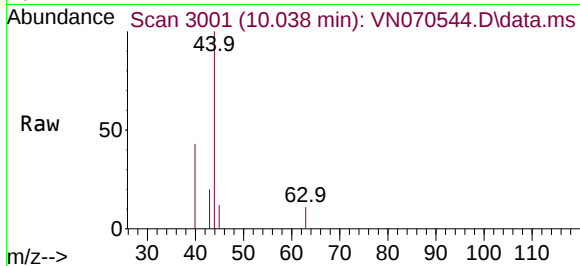




#58
2-Chloroethyl Vinyl ether
Concen: 18.523 ug/l
RT: 10.038 min Scan# 3002
Delta R.T. -0.003 min
Lab File: VN070544.D
Acq: 10 Jan 2022 15:38

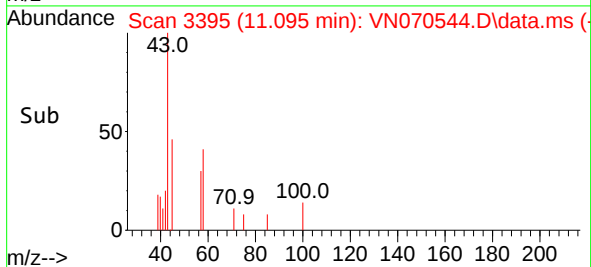
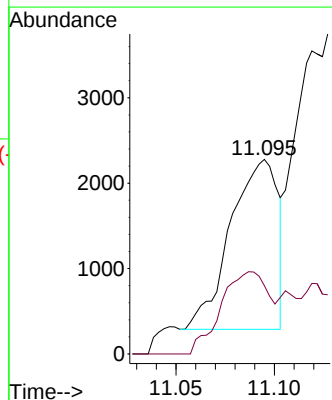
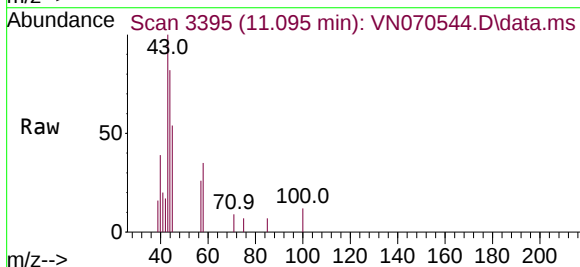
Instrument :
MSVOA_N
ClientSampleId :

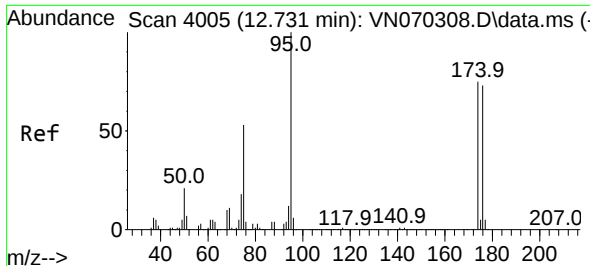
Tgt Ion: 63 Resp: 53
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#



#59
2-Hexanone
Concen: 0.214 ug/l
RT: 11.095 min Scan# 3395
Delta R.T. 0.011 min
Lab File: VN070544.D
Acq: 10 Jan 2022 15:38

Tgt Ion: 43 Resp: 3322
Ion Ratio Lower Upper
43 100
58 49.3 26.9 80.7

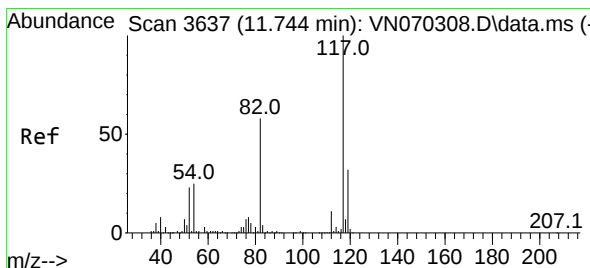
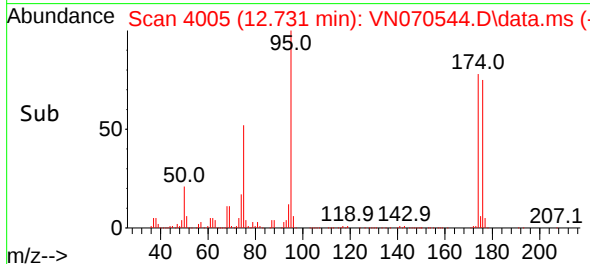
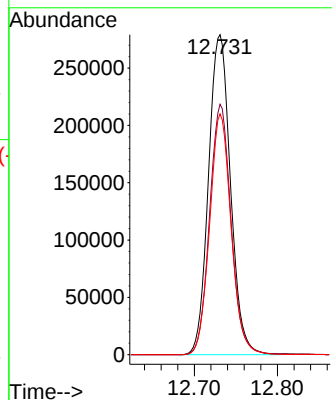
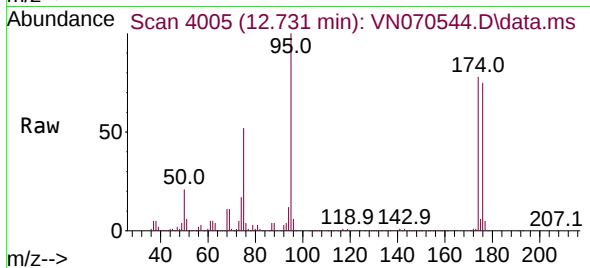




#62
4-Bromofluorobenzene
Concen: 34.764 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070544.D
Acq: 10 Jan 2022 15:38

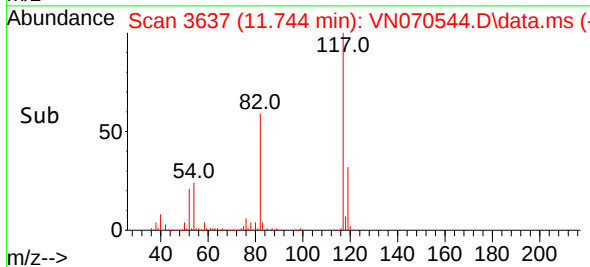
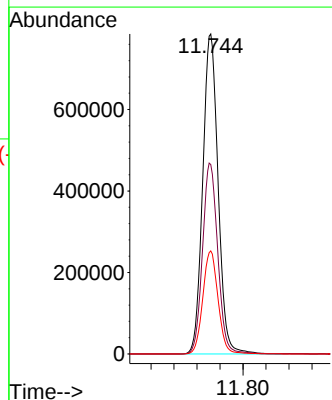
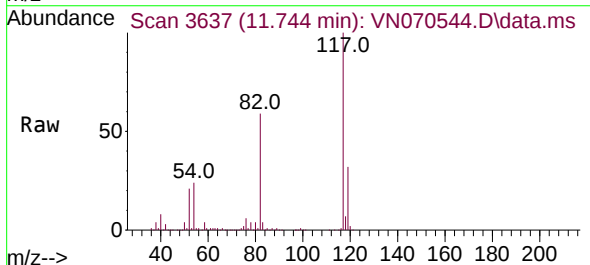
Instrument :
MSVOA_N
ClientSampleId :

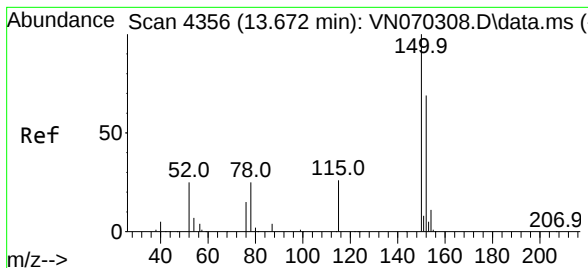
Tgt Ion: 95 Resp: 513233
Ion Ratio Lower Upper
95 100
174 76.6 0.0 187.2
176 73.5 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070544.D
Acq: 10 Jan 2022 15:38

Tgt Ion: 117 Resp: 1458200
Ion Ratio Lower Upper
117 100
82 59.2 42.4 63.6
119 32.2 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: VN070544.D

Acq: 10 Jan 2022 15:38

Instrument :

MSVOA_N

ClientSampleId :

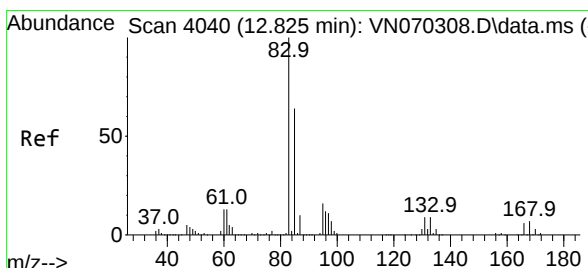
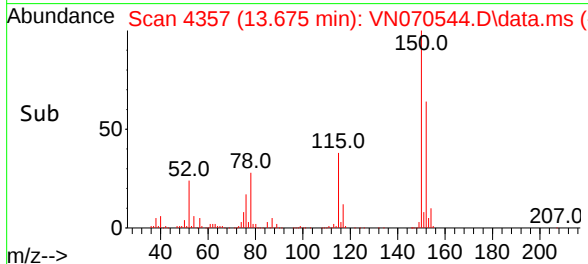
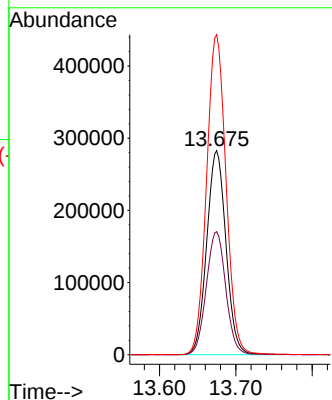
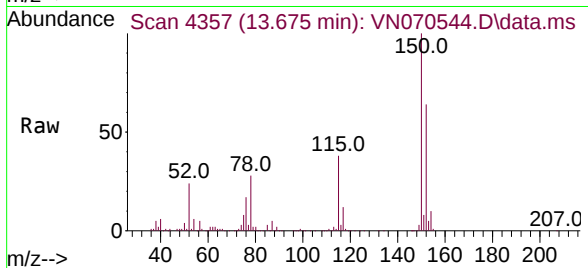
Tgt Ion:152 Resp: 496173

Ion Ratio Lower Upper

152 100

115 61.0 27.5 82.5

150 158.2 0.0 344.4



#75

1,1,2,2-Tetrachloroethane

Concen: 0.457 ug/l

RT: 12.827 min Scan# 4041

Delta R.T. 0.002 min

Lab File: VN070544.D

Acq: 10 Jan 2022 15:38

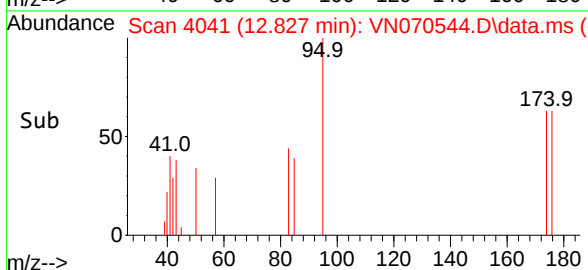
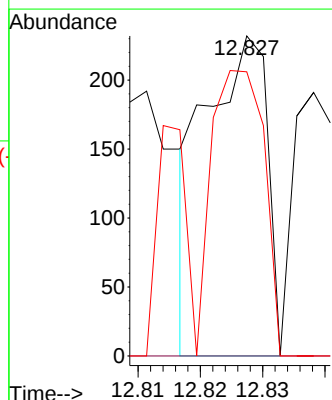
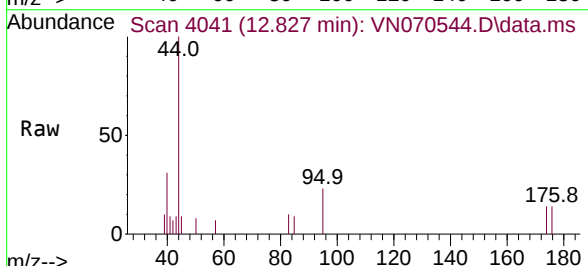
Tgt Ion: 83 Resp: 160

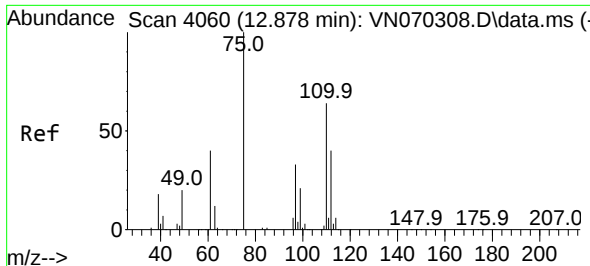
Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.5#

85 75.6 32.4 97.2

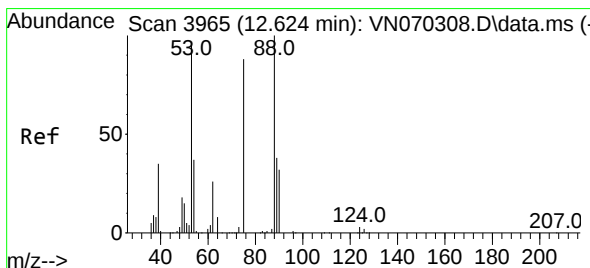
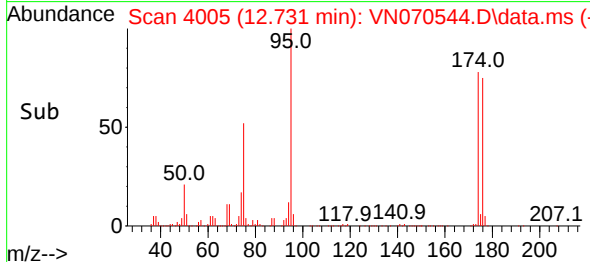
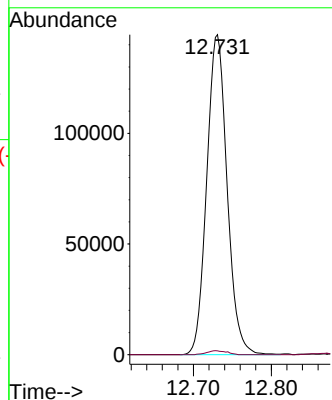
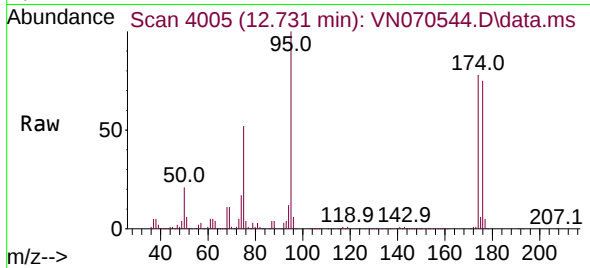




#76
1,2,3-Trichloropropane
Concen: 19.643 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.147 min
Lab File: VN070544.D
Acq: 10 Jan 2022 15:38

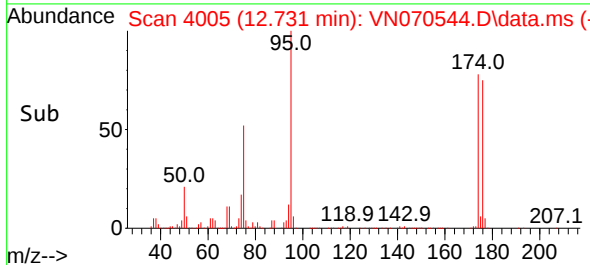
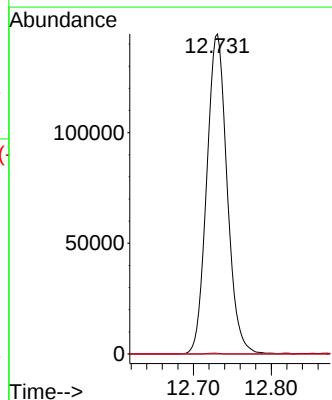
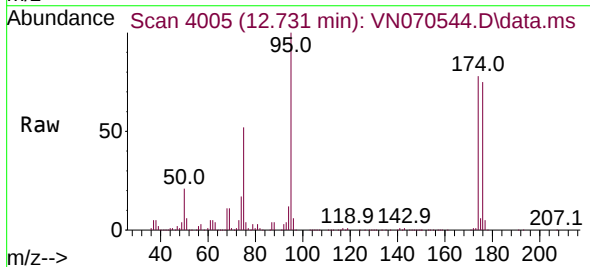
Instrument :
MSVOA_N
ClientSampleId :

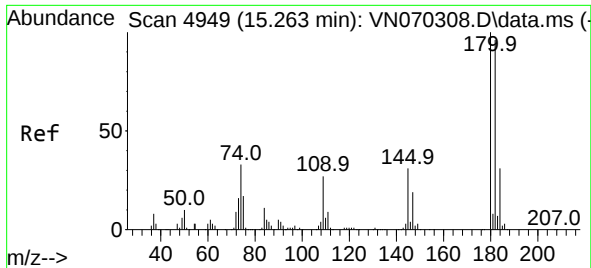
Tgt Ion: 75 Resp: 262754
Ion Ratio Lower Upper
75 100
77 1.2 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.700 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.107 min
Lab File: VN070544.D
Acq: 10 Jan 2022 15:38

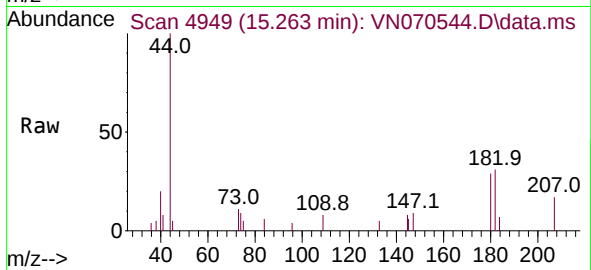
Tgt Ion: 75 Resp: 262754
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#



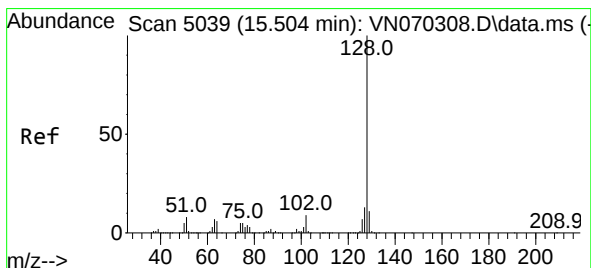
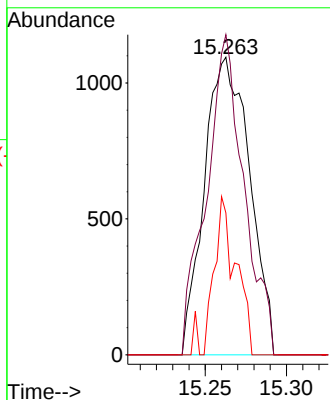
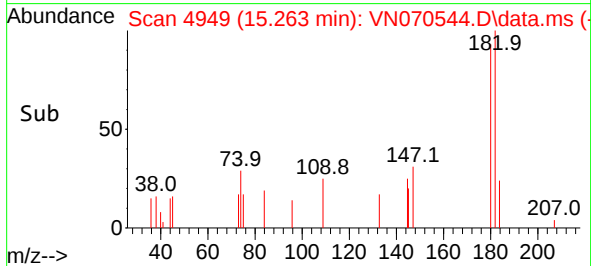


#93
 1,2,4-Trichlorobenzene
 Concen: 0.259 ug/l
 RT: 15.263 min Scan# 4949
 Delta R.T. -0.000 min
 Lab File: VN070544.D
 Acq: 10 Jan 2022 15:38

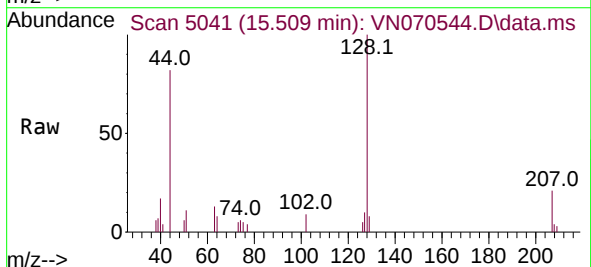
Instrument :
 MSVOA_N
 ClientSampleId :



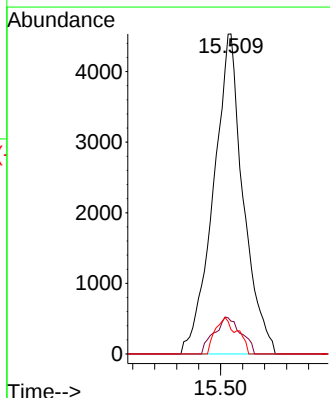
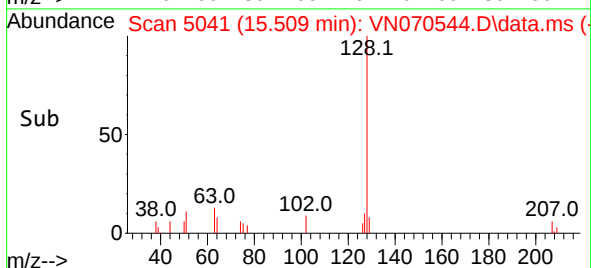
Tgt Ion:180 Resp: 2121
 Ion Ratio Lower Upper
 180 100
 182 89.2 48.3 144.9
 145 25.3 14.5 43.5

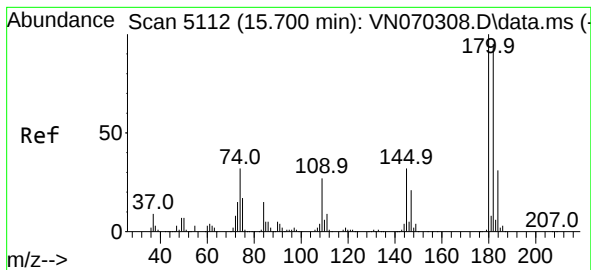


#95
 Naphthalene
 Concen: 2.161 ug/l
 RT: 15.509 min Scan# 5041
 Delta R.T. 0.005 min
 Lab File: VN070544.D
 Acq: 10 Jan 2022 15:38



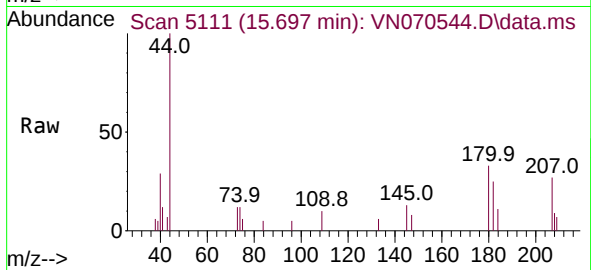
Tgt Ion:128 Resp: 8541
 Ion Ratio Lower Upper
 128 100
 127 10.3 10.5 15.7#
 129 8.3 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.116 ug/l
 RT: 15.697 min Scan# 5111
 Delta R.T. -0.003 min
 Lab File: VN070544.D
 Acq: 10 Jan 2022 15:38

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 2310
 Ion Ratio Lower Upper
 180 100
 182 40.0 47.4 142.2#
 145 30.0 15.0 45.1

