

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011422\
 Data File : VN070616.D
 Acq On : 14 Jan 2022 11:57
 Operator : JC/MD
 Sample : VN0114WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 14 13:36:05 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)

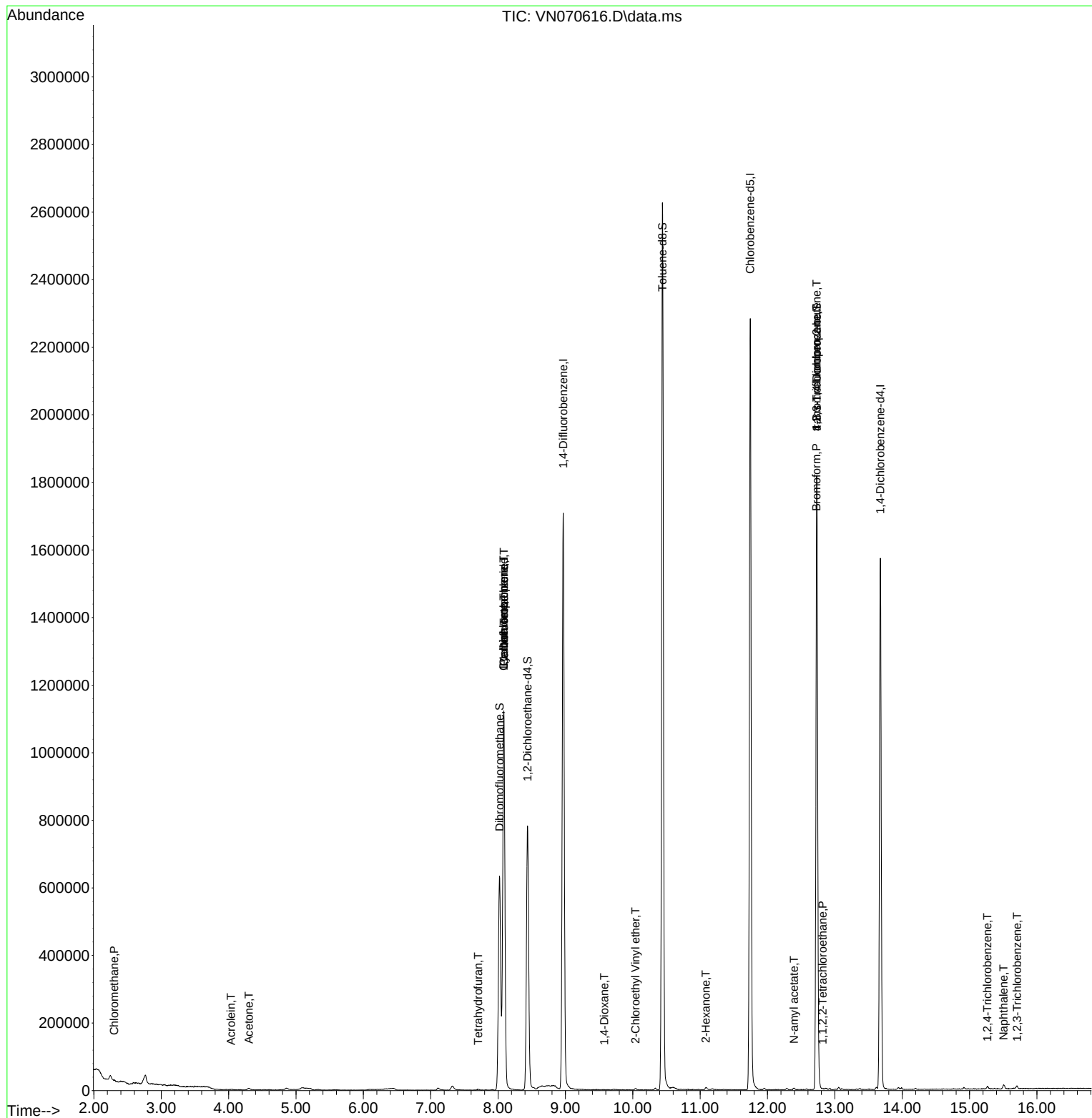
Internal Standards						
1) Pentafluorobenzene	8.086	168	857119	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1459528	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1318534	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	438081	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	658408	53.426	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 106.860%	
35) Dibromofluoromethane	8.021	113	473674	53.638	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 107.280%	
50) Toluene-d8	10.440	98	1840144	51.009	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 102.020%	
62) 4-Bromofluorobenzene	12.731	95	668780	51.328	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 102.660%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.301	50	2699	0.204	ug/l	99
13) Acrolein	4.036	56	439	0.264	ug/l #	52
16) Acetone	4.299	43	5937	0.742	ug/l	94
29) Tetrahydrofuran	7.705	42	1837	0.306	ug/l #	63
31) Cyclohexane	8.083	56	19342	0.995	ug/l #	1
36) 1,1-Dichloropropene	8.083	75	69648	4.768	ug/l #	49
38) Carbon Tetrachloride	8.086	117	84743	6.075	ug/l #	16
49) 1,4-Dioxane	9.577	88	57	0.273	ug/l #	1
58) 2-Chloroethyl Vinyl ether	10.041	63	2122	18.947	ug/l #	79
59) 2-Hexanone	11.084	43	6920	0.506	ug/l #	42
71) Bromoform	12.726	173	1486	0.200	ug/l #	29
74) N-amyl acetate	12.393	43	3527	0.206	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.819	83	579	0.486	ug/l #	92
76) 1,2,3-Trichloropropane	12.731	75	348480	28.134	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.731	75	348480	97.188	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.265	180	2918	0.404	ug/l	87
95) Naphthalene	15.504	128	12014	2.377	ug/l #	86
96) 1,2,3-Trichlorobenzene	15.705	180	3294	1.295	ug/l	96

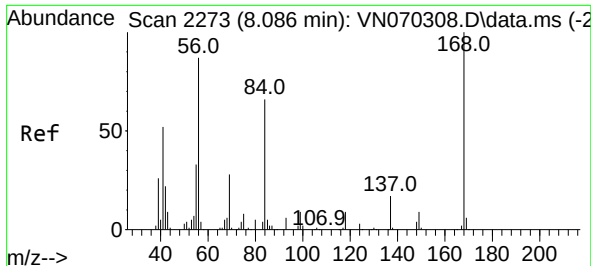
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011422\
Data File : VN070616.D
Acq On : 14 Jan 2022 11:57
Operator : JC/MD
Sample : VN0114WBL01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jan 14 13:36:05 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

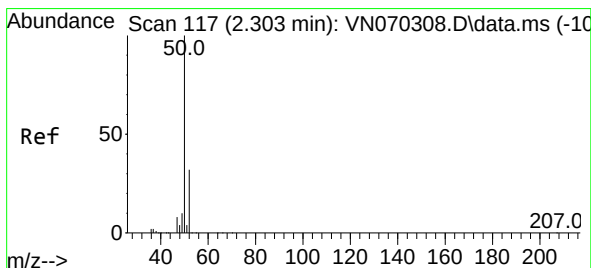
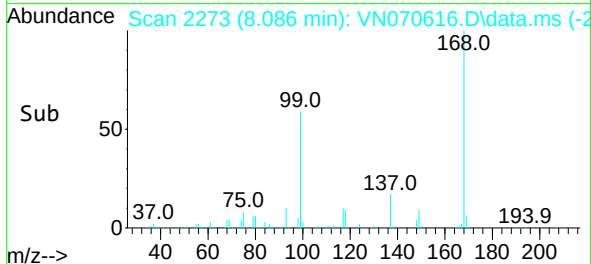
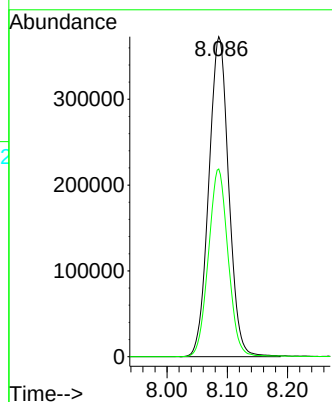
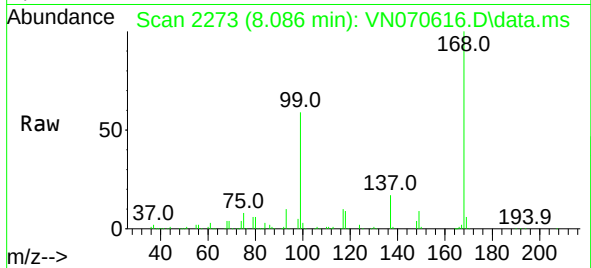




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070616.D
Acq: 14 Jan 2022 11:57

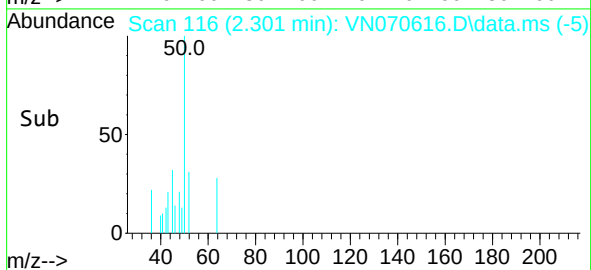
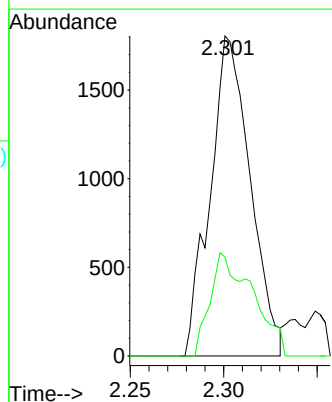
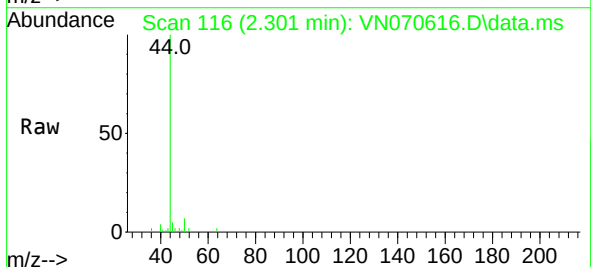
Instrument :
MSVOA_N
ClientSampleId :

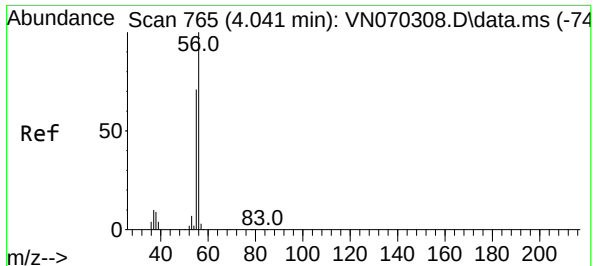
Tgt Ion:168 Resp: 857119
Ion Ratio Lower Upper
168 100
99 58.6 41.3 61.9



#3
Chloromethane
Concen: 0.204 ug/l
RT: 2.301 min Scan# 116
Delta R.T. -0.002 min
Lab File: VN070616.D
Acq: 14 Jan 2022 11:57

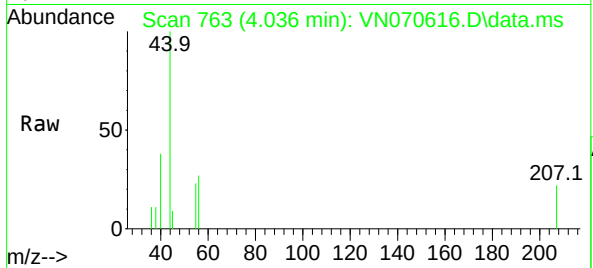
Tgt Ion: 50 Resp: 2699
Ion Ratio Lower Upper
50 100
52 30.9 25.4 38.0



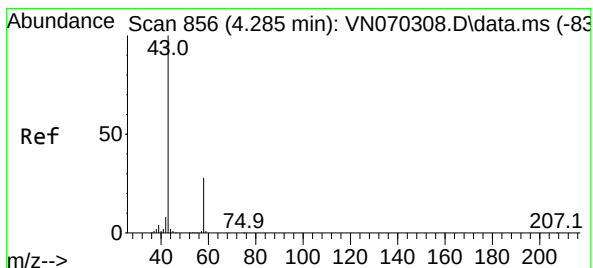
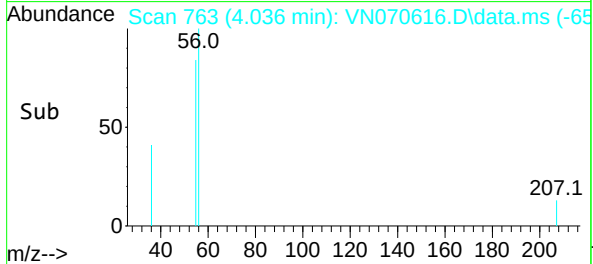
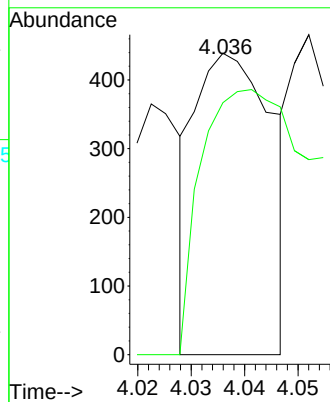


#13
Acrolein
Concen: 0.264 ug/l
RT: 4.036 min Scan# 763
Delta R.T. -0.005 min
Lab File: VN070616.D
Acq: 14 Jan 2022 11:57

Instrument :
MSVOA_N
ClientSampleId :

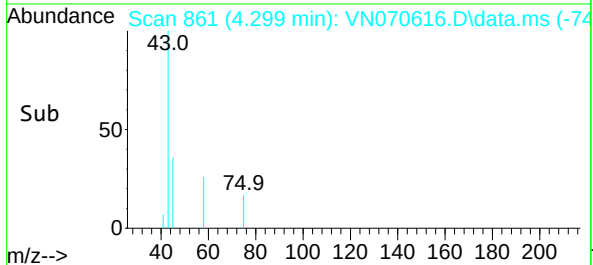
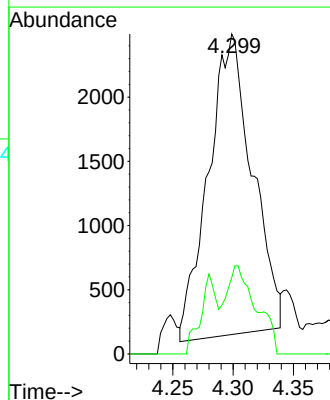
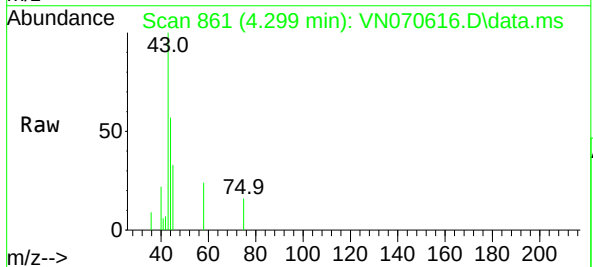


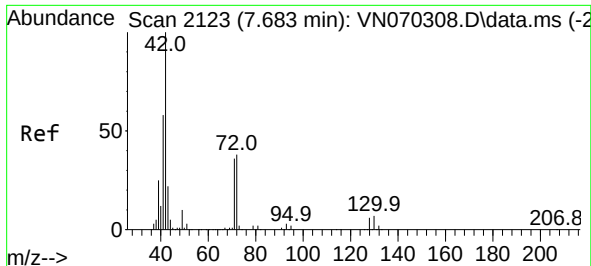
Tgt Ion: 56 Resp: 439
Ion Ratio Lower Upper
56 100
55 110.5 56.6 85.0#



#16
Acetone
Concen: 0.742 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.014 min
Lab File: VN070616.D
Acq: 14 Jan 2022 11:57

Tgt Ion: 43 Resp: 5937
Ion Ratio Lower Upper
43 100
58 26.0 23.1 34.7





#29

Tetrahydrofuran

Concen: 0.306 ug/l

RT: 7.705 min Scan# 21

Delta R.T. 0.022 min

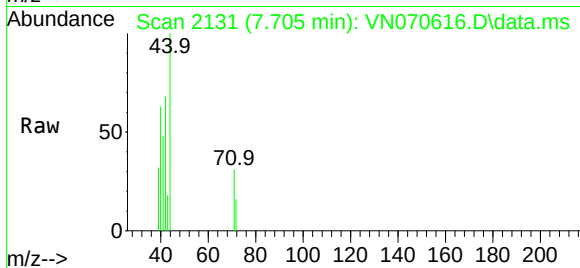
Lab File: VN070616.D

Acq: 14 Jan 2022 11:57

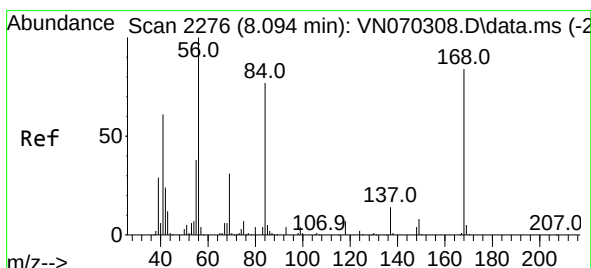
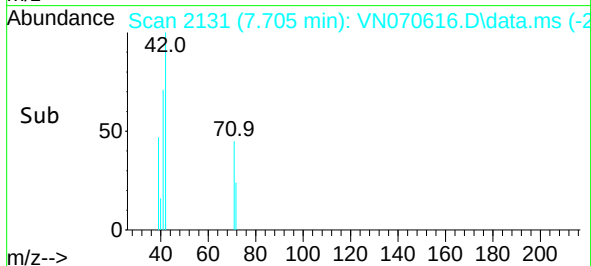
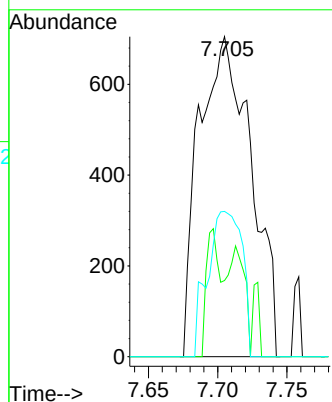
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 42	Resp: 1837
Ion Ratio	Lower Upper
42	100
72	10.6 36.3 54.5#
71	30.3 34.7 52.1#



#31

Cyclohexane

Concen: 0.995 ug/l

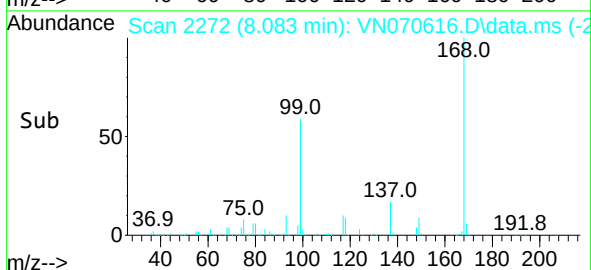
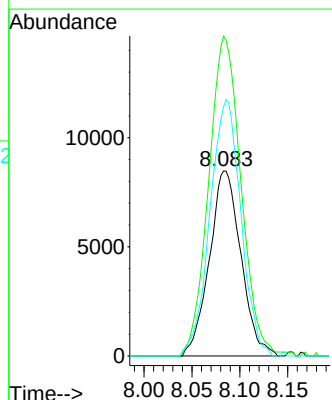
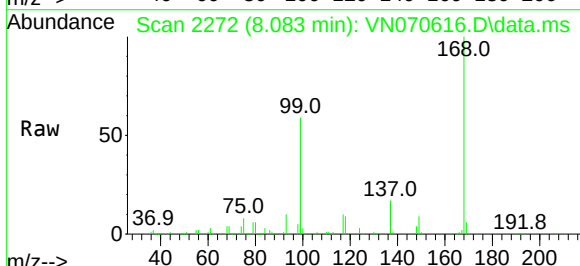
RT: 8.083 min Scan# 2272

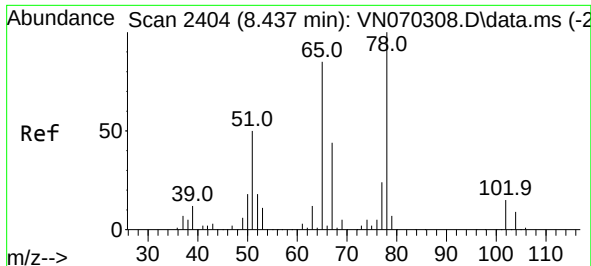
Delta R.T. -0.011 min

Lab File: VN070616.D

Acq: 14 Jan 2022 11:57

Tgt Ion: 56	Resp: 19342
Ion Ratio	Lower Upper
56	100
69	173.1 27.1 40.7#
84	134.8 73.4 110.0#





#33

1,2-Dichloroethane-d4

Concen: 53.426 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN070616.D

Acq: 14 Jan 2022 11:57

Instrument :

MSVOA_N

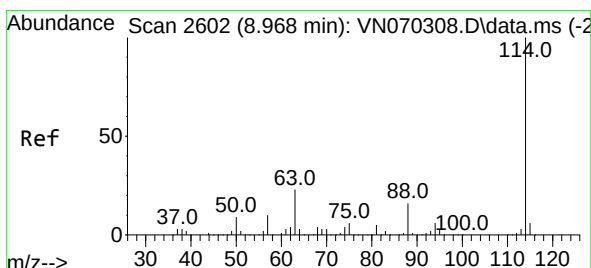
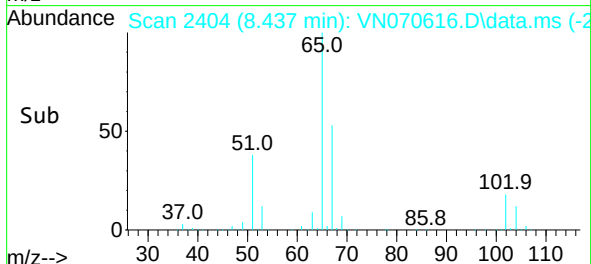
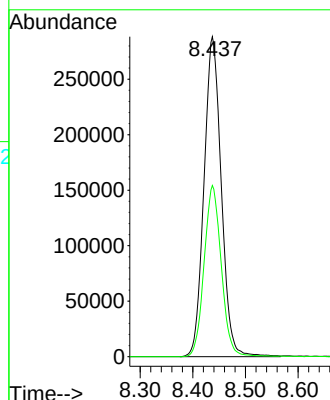
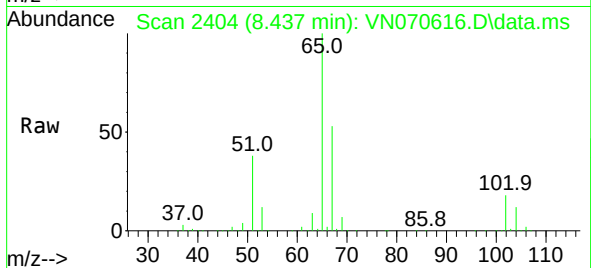
ClientSampleId :

Tgt Ion: 65 Resp: 658408

Ion Ratio Lower Upper

65 100

67 53.0 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: VN070616.D

Acq: 14 Jan 2022 11:57

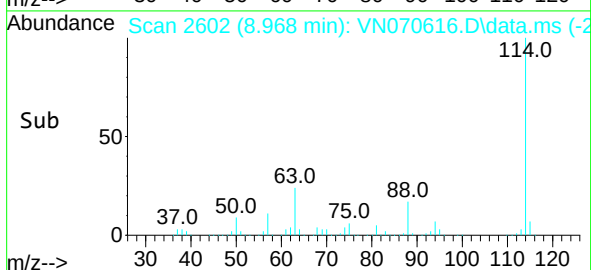
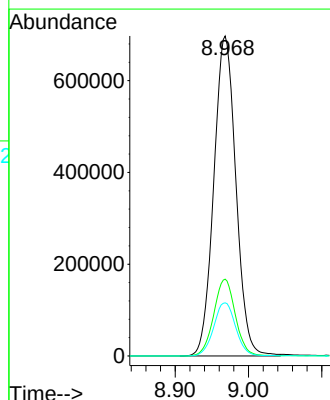
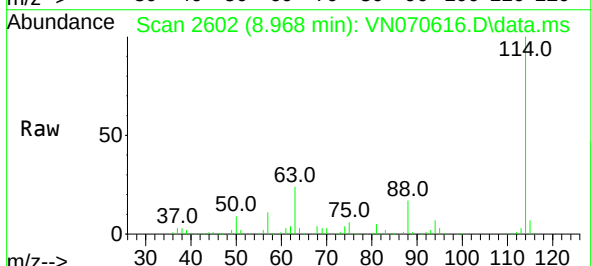
Tgt Ion: 114 Resp: 1459528

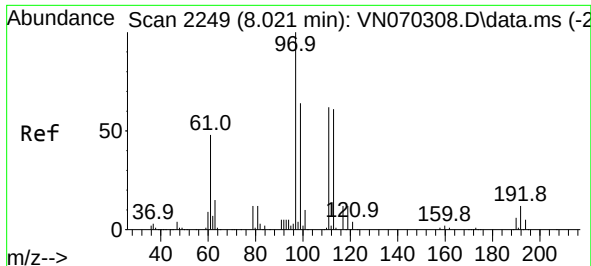
Ion Ratio Lower Upper

114 100

63 24.0 0.0 37.8

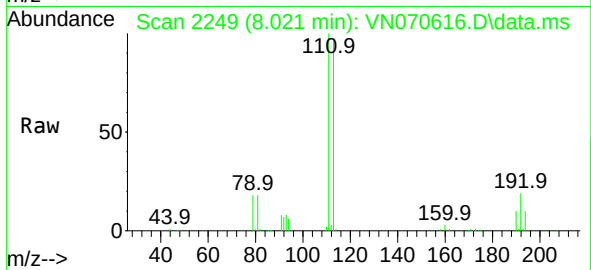
88 16.6 0.0 27.4



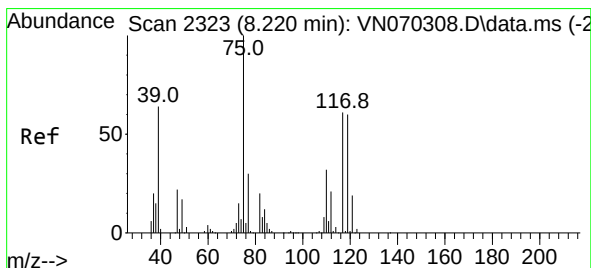
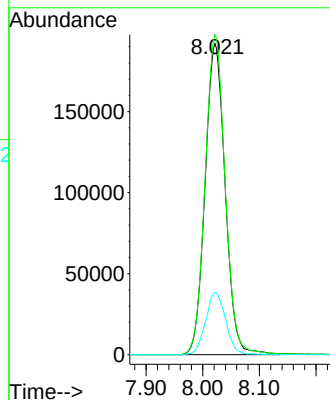
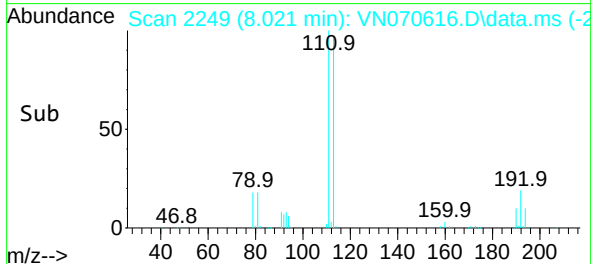


#35
 Dibromofluoromethane
 Concen: 53.638 ug/l
 RT: 8.021 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN070616.D
 Acq: 14 Jan 2022 11:57

Instrument :
 MSVOA_N
 ClientSampleId :

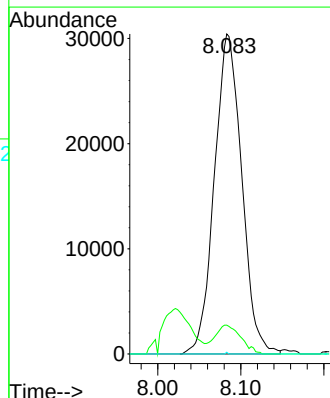
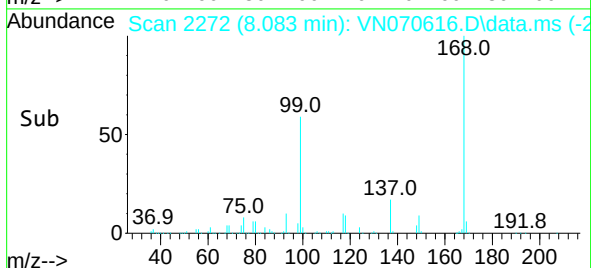
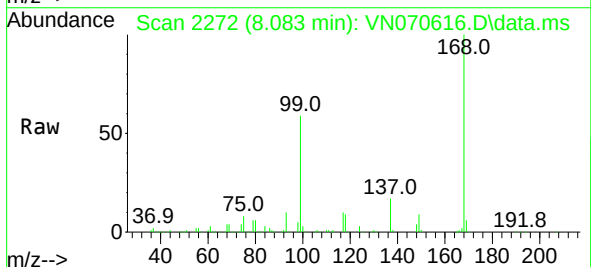


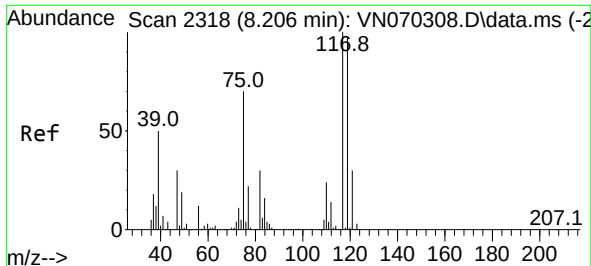
Tgt Ion:113 Resp: 473674
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.2 123.2
 192 20.0 16.9 25.3



#36
 1,1-Dichloropropene
 Concen: 4.768 ug/l
 RT: 8.083 min Scan# 2272
 Delta R.T. -0.137 min
 Lab File: VN070616.D
 Acq: 14 Jan 2022 11:57

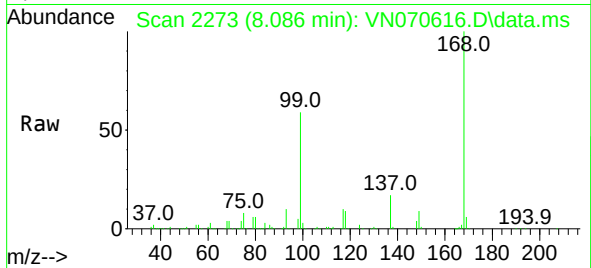
Tgt Ion: 75 Resp: 69648
 Ion Ratio Lower Upper
 75 100
 110 8.6 18.4 55.2#
 77 0.0 24.4 36.6#



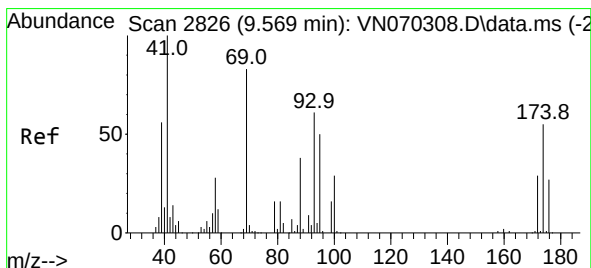
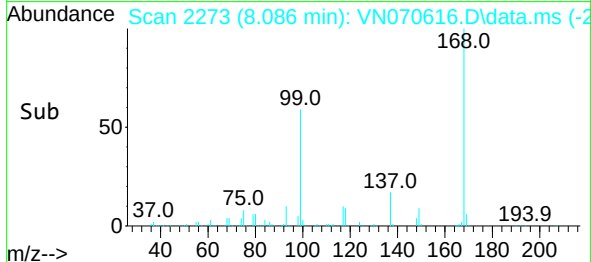
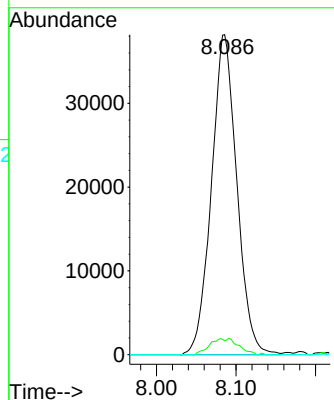


#38
Carbon Tetrachloride
Concen: 6.075 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.120 min
Lab File: VN070616.D
Acq: 14 Jan 2022 11:57

Instrument :
MSVOA_N
ClientSampleId :

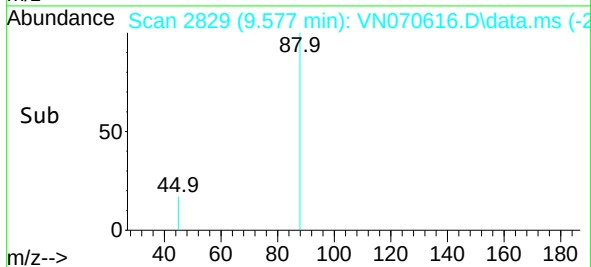
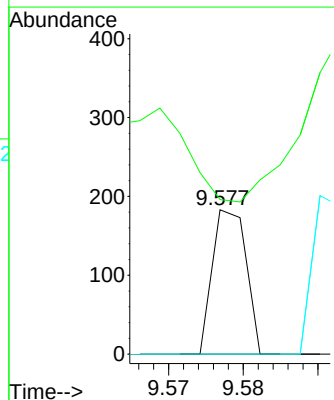
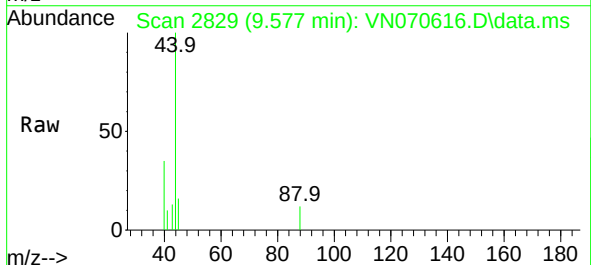


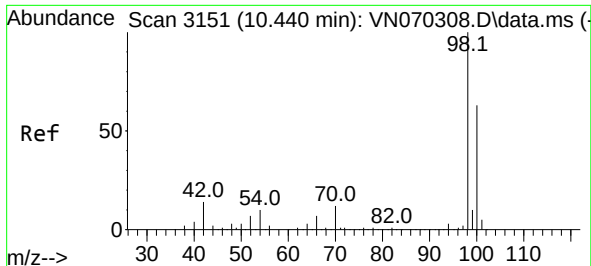
Tgt Ion:117 Resp: 84743
Ion Ratio Lower Upper
117 100
119 4.4 76.1 114.1#
121 0.0 24.2 36.2#



#49
1,4-Dioxane
Concen: 0.273 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. 0.008 min
Lab File: VN070616.D
Acq: 14 Jan 2022 11:57

Tgt Ion: 88 Resp: 57
Ion Ratio Lower Upper
88 100
43 284.2 23.4 35.2#
58 112.3 50.6 75.8#

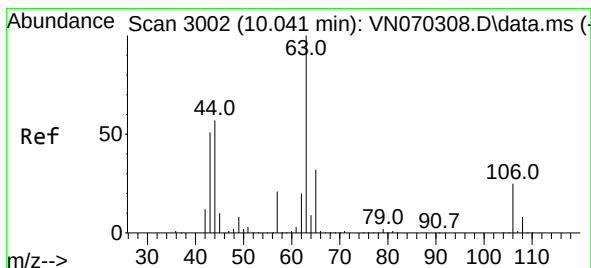
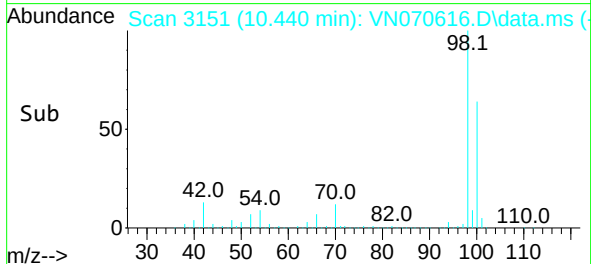
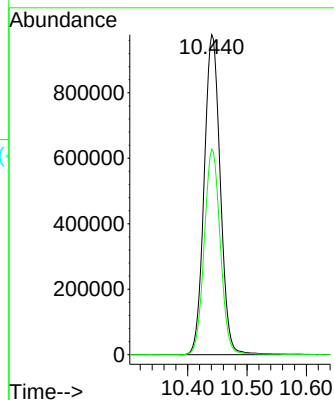
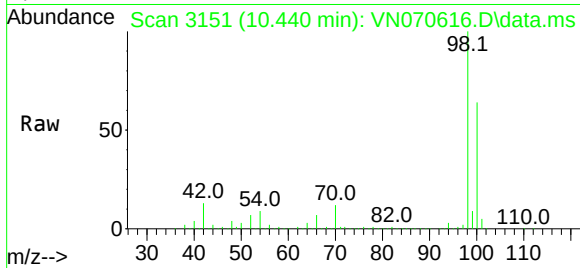




#50
Toluene-d8
Concen: 51.009 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070616.D
Acq: 14 Jan 2022 11:57

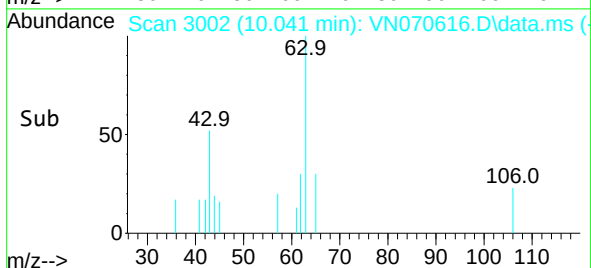
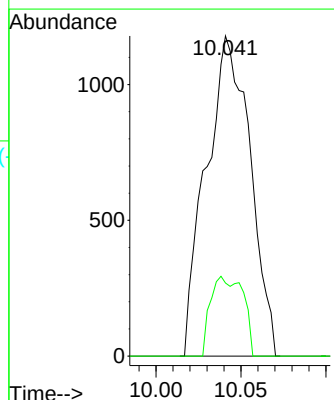
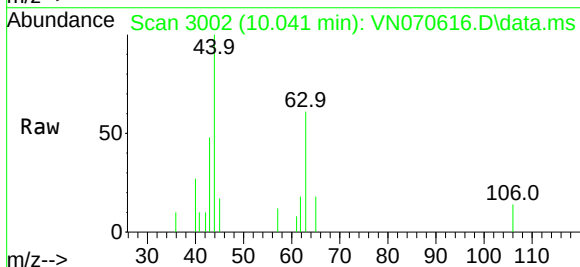
Instrument :
MSVOA_N
ClientSampleId :

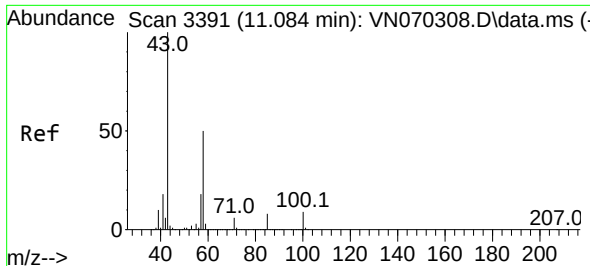
Tgt Ion: 98 Resp: 1840144
Ion Ratio Lower Upper
98 100
100 64.0 50.4 75.6



#58
2-Chloroethyl Vinyl ether
Concen: 18.947 ug/l
RT: 10.041 min Scan# 3002
Delta R.T. -0.000 min
Lab File: VN070616.D
Acq: 14 Jan 2022 11:57

Tgt Ion: 63 Resp: 2122
Ion Ratio Lower Upper
63 100
106 18.3 23.9 35.9#

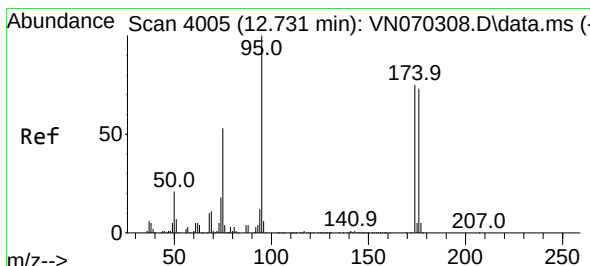
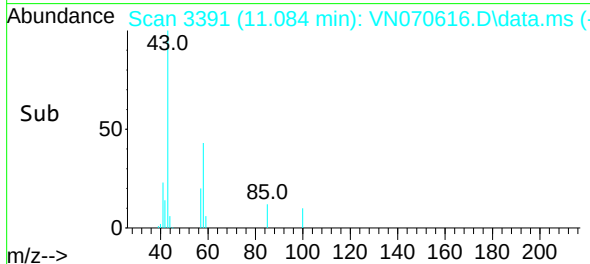
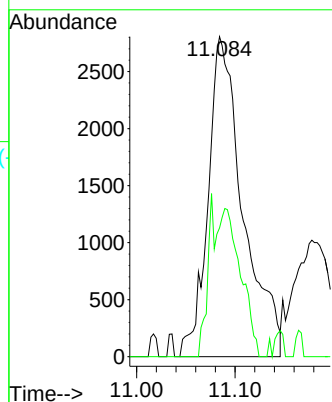
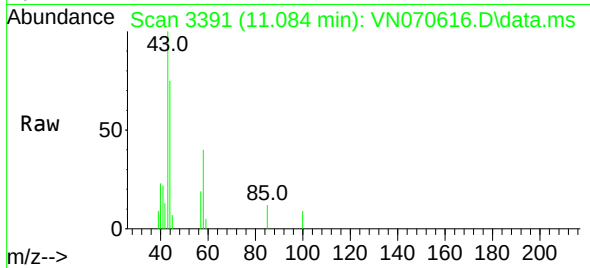




#59
2-Hexanone
Concen: 0.506 ug/l
RT: 11.084 min Scan# 3391
Delta R.T. 0.000 min
Lab File: VN070616.D
Acq: 14 Jan 2022 11:57

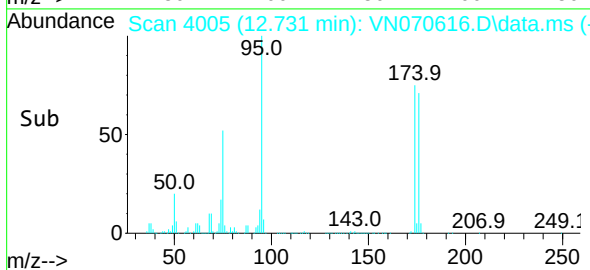
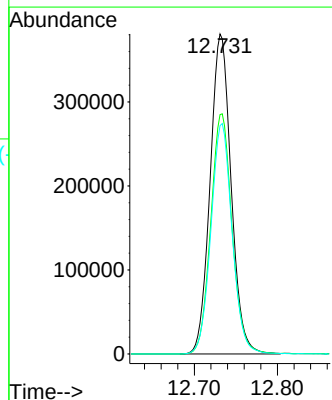
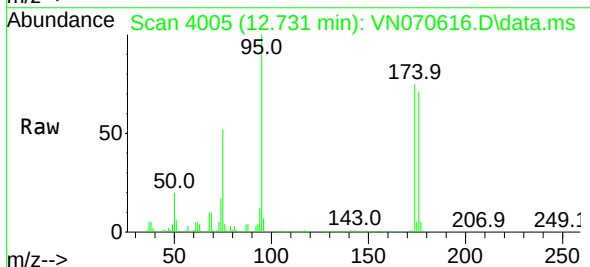
Instrument :
MSVOA_N
ClientSampleId :

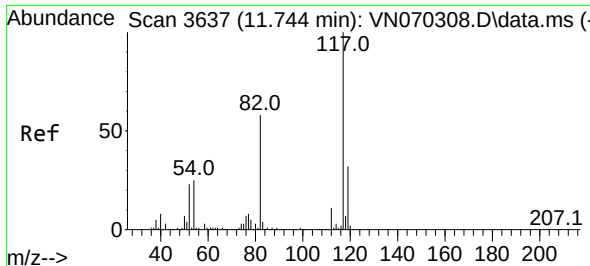
Tgt Ion: 43 Resp: 6920
Ion Ratio Lower Upper
43 100
58 12.6 26.9 80.7#



#62
4-Bromofluorobenzene
Concen: 51.328 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070616.D
Acq: 14 Jan 2022 11:57

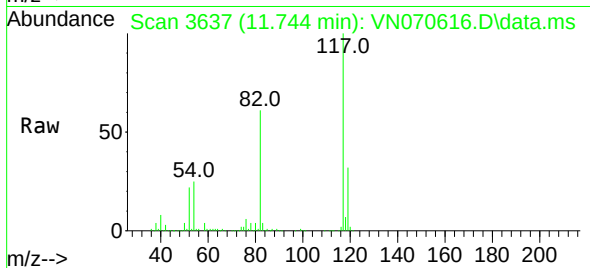
Tgt Ion: 95 Resp: 668780
Ion Ratio Lower Upper
95 100
174 76.2 0.0 187.2
176 72.5 0.0 181.4



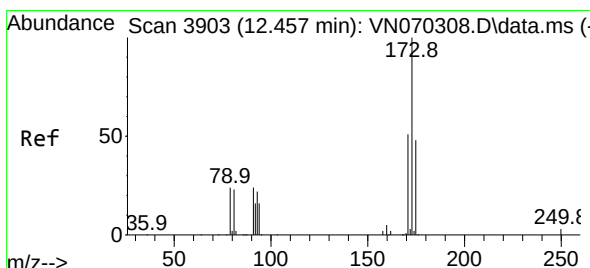
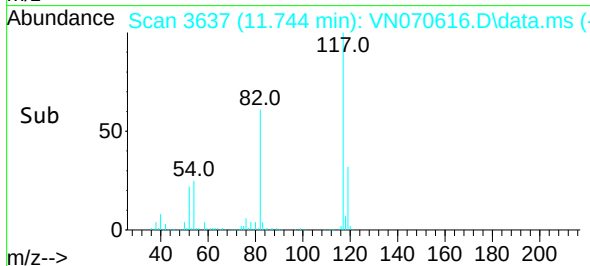
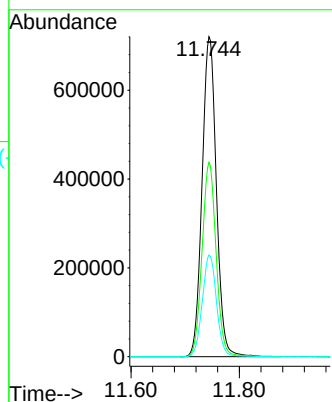


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN070616.D
Acq: 14 Jan 2022 11:57

Instrument :
MSVOA_N
ClientSampleId :

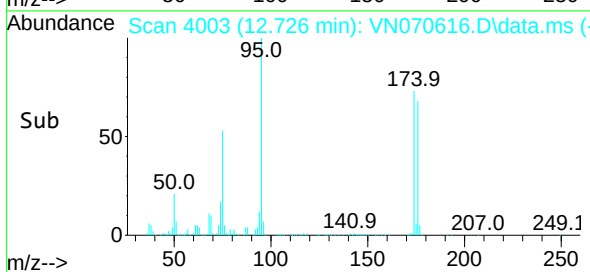
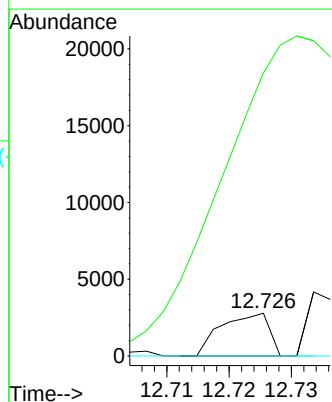
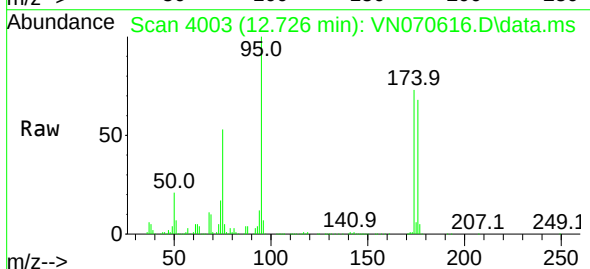


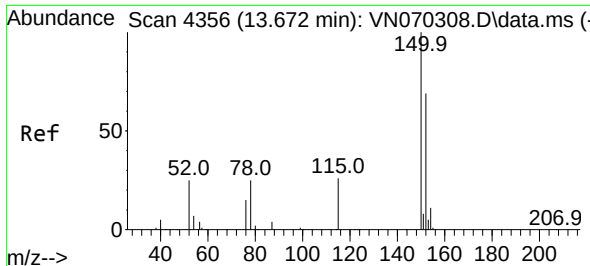
Tgt Ion:117 Resp: 1318534
Ion Ratio Lower Upper
117 100
82 60.7 42.4 63.6
119 31.8 25.4 38.2



#71
Bromoform
Concen: 0.200 ug/l
RT: 12.726 min Scan# 4003
Delta R.T. 0.269 min
Lab File: VN070616.D
Acq: 14 Jan 2022 11:57

Tgt Ion:173 Resp: 1486
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6#
254 0.0 0.0 0.0

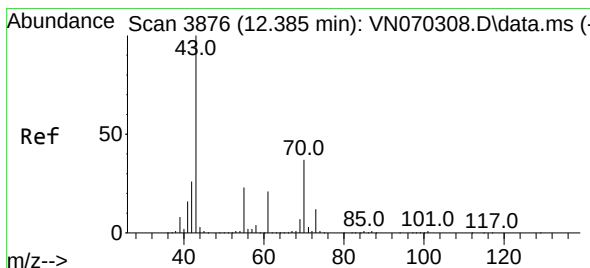
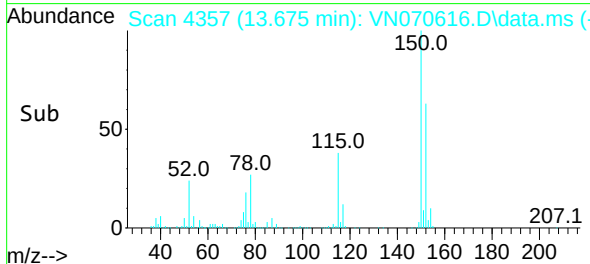
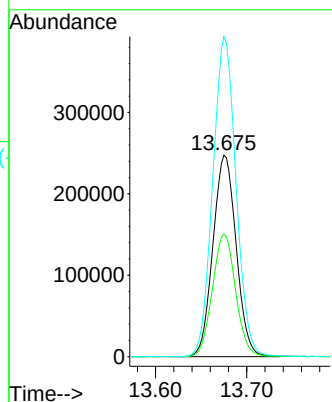
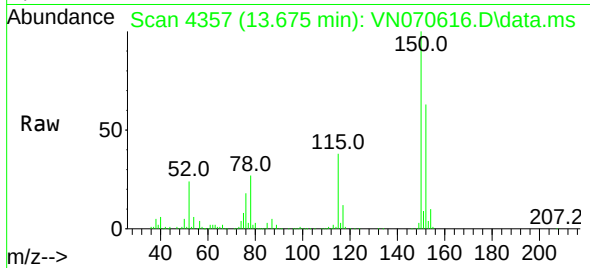




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 41
Delta R.T. 0.003 min
Lab File: VN070616.D
Acq: 14 Jan 2022 11:57

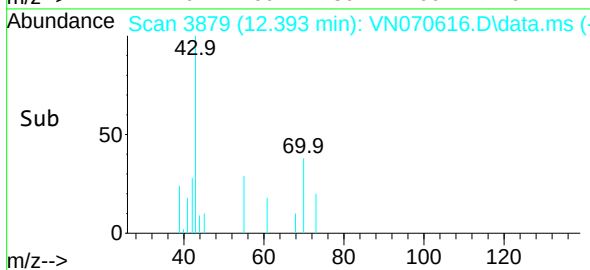
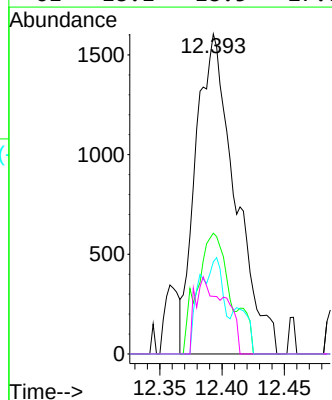
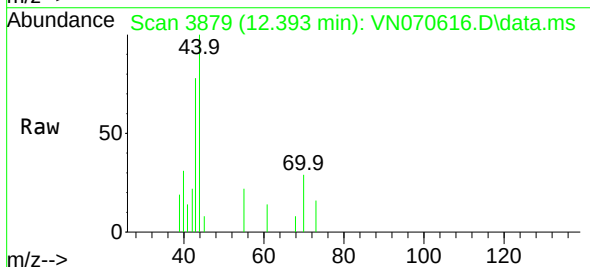
Instrument :
MSVOA_N
ClientSampleId :

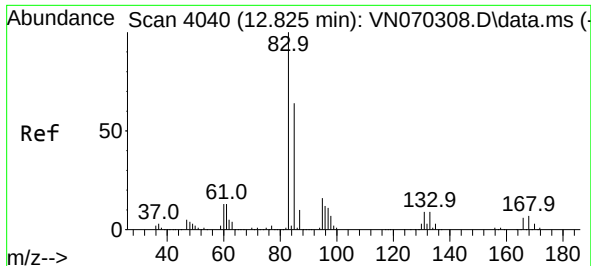
Tgt Ion:152 Resp: 438081
Ion Ratio Lower Upper
152 100
115 60.9 27.5 82.5
150 158.9 0.0 344.4



#74
N-ethyl acetate
Concen: 0.206 ug/l
RT: 12.393 min Scan# 3879
Delta R.T. 0.008 min
Lab File: VN070616.D
Acq: 14 Jan 2022 11:57

Tgt Ion: 43 Resp: 3527
Ion Ratio Lower Upper
43 100
70 28.8 33.4 50.0#
55 18.7 19.3 28.9#
61 18.1 18.5 27.7#

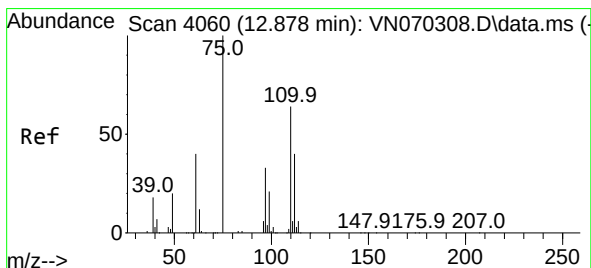
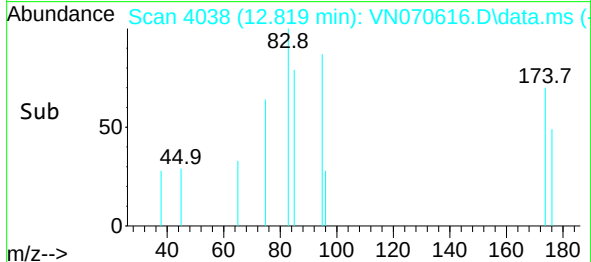
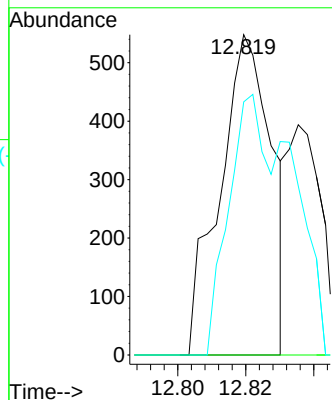
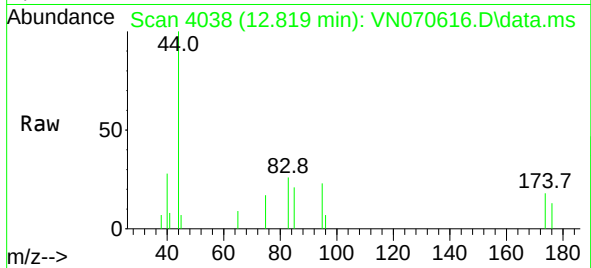




#75
1,1,2,2-Tetrachloroethane
Concen: 0.486 ug/l
RT: 12.819 min Scan# 4038
Delta R.T. -0.006 min
Lab File: VN070616.D
Acq: 14 Jan 2022 11:57

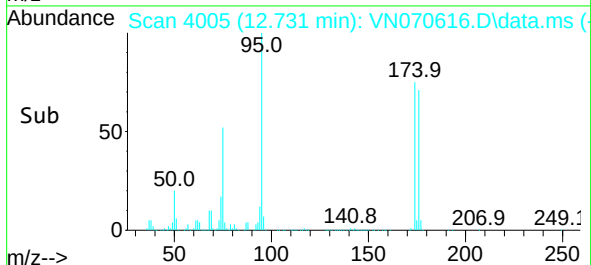
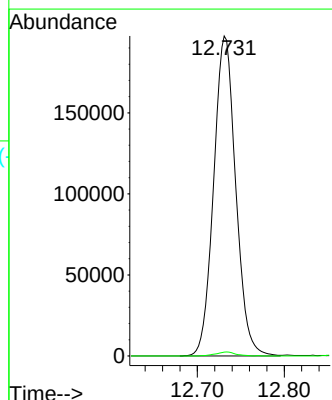
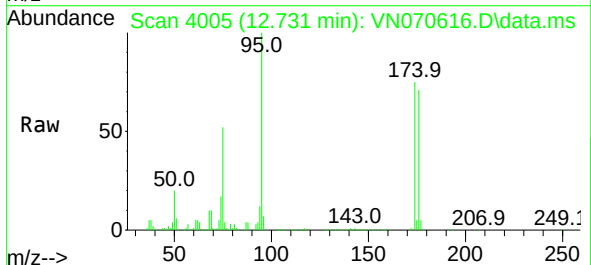
Instrument :
MSVOA_N
ClientSampleId :

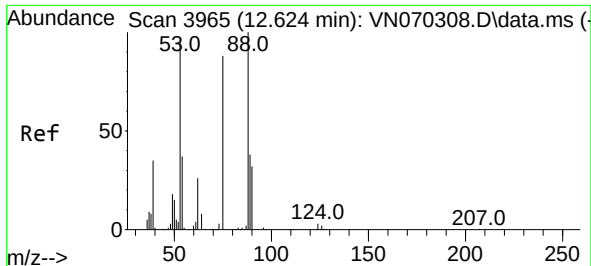
Tgt Ion: 83 Resp: 579
Ion Ratio Lower Upper
83 100
131 0.0 5.5 16.5#
85 61.7 32.4 97.2



#76
1,2,3-Trichloropropane
Concen: 28.134 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.147 min
Lab File: VN070616.D
Acq: 14 Jan 2022 11:57

Tgt Ion: 75 Resp: 348480
Ion Ratio Lower Upper
75 100
77 1.1 82.6 247.8#

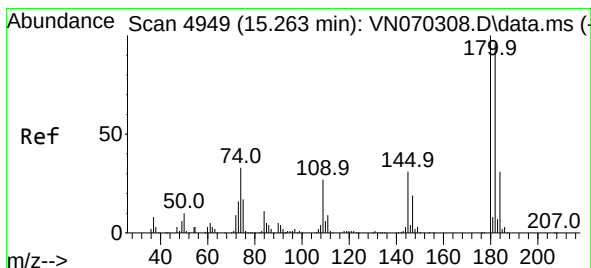
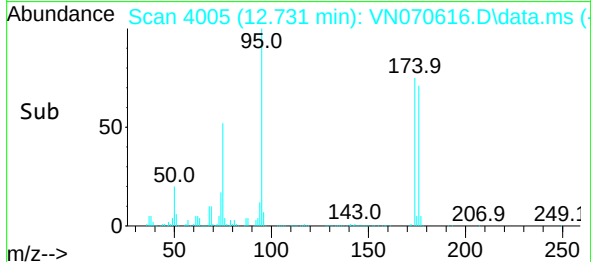
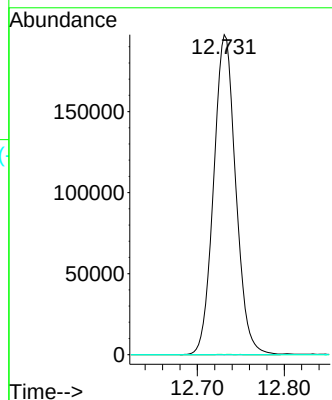
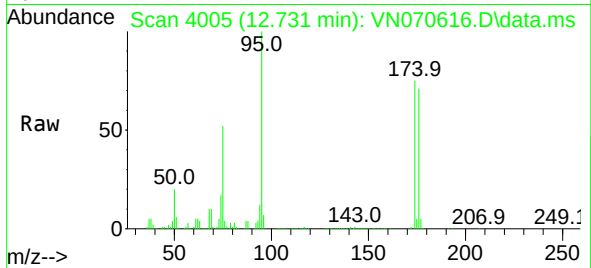




#81
trans-1,4-Dichloro-2-butene
Concen: 97.188 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.107 min
Lab File: VN070616.D
Acq: 14 Jan 2022 11:57

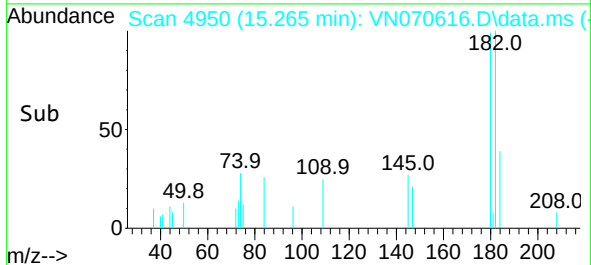
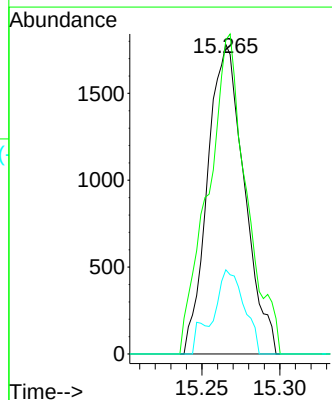
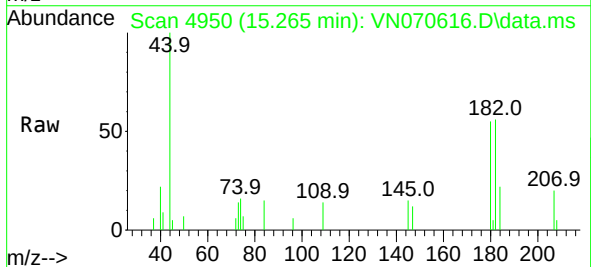
Instrument :
MSVOA_N
ClientSampleId :

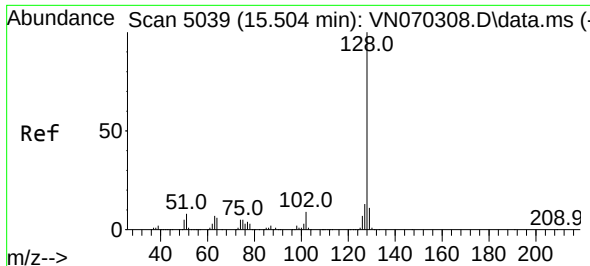
Tgt Ion: 75 Resp: 348480
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#



#93
1,2,4-Trichlorobenzene
Concen: 0.404 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.002 min
Lab File: VN070616.D
Acq: 14 Jan 2022 11:57

Tgt Ion:180 Resp: 2918
Ion Ratio Lower Upper
180 100
182 107.7 48.3 144.9
145 19.6 14.5 43.5

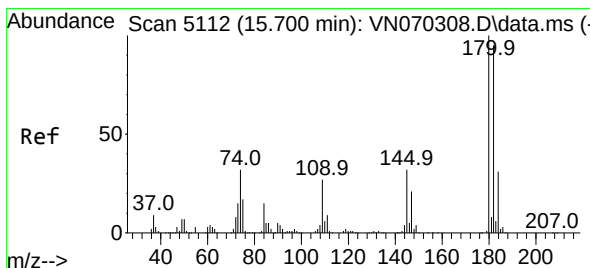
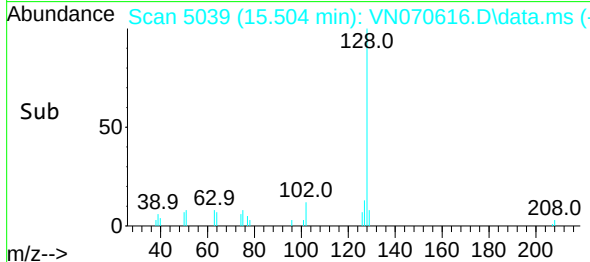
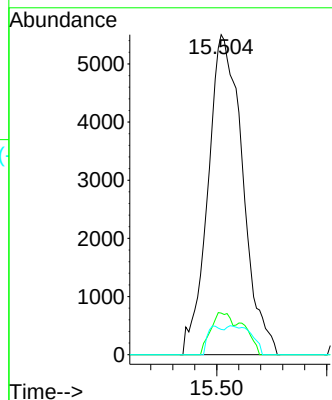
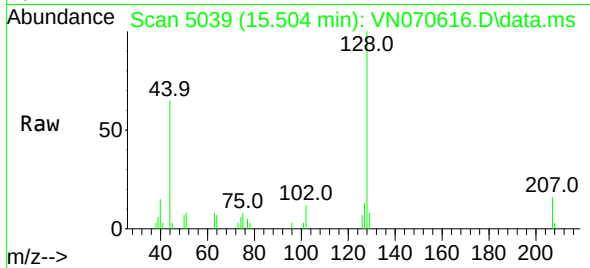




#95
Naphthalene
Concen: 2.377 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. 0.000 min
Lab File: VN070616.D
Acq: 14 Jan 2022 11:57

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 12014
Ion Ratio Lower Upper
128 100
127 8.6 10.5 15.7#
129 4.0 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 1.295 ug/l
RT: 15.705 min Scan# 5114
Delta R.T. 0.005 min
Lab File: VN070616.D
Acq: 14 Jan 2022 11:57

Tgt Ion:180 Resp: 3294
Ion Ratio Lower Upper
180 100
182 97.3 47.4 142.2
145 34.5 15.0 45.1

