

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111921\
 Data File : VN069587.D
 Acq On : 19 Nov 2021 15:53
 Operator : JC/MD
 Sample : M4739-05 5X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 19 16:12:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.091	168	1329542	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	2307373	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	2324514	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	873147	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	979078	50.788	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 101.580%	
35) Dibromofluoromethane	8.027	113	664675	48.030	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 96.060%	
50) Toluene-d8	10.443	98	2928284	53.802	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 107.600%	
62) 4-Bromofluorobenzene	12.731	95	1038701	51.949	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 103.900%	

Target Compounds			Qvalue			
10) Methyl Iodide	4.430	142	3081	0.209	ug/l #	70
13) Acrolein	4.049	56	1098	Below Cal	#	40
15) Acrylonitrile	5.616	53	14473	1.627	ug/l #	11
16) Acetone	4.299	43	15784	1.518	ug/l	91
19) Methyl tert-butyl Ether	5.624	73	2393331	52.480	ug/l	97
20) Methylene Chloride	5.098	84	3656	0.248	ug/l #	91
22) Diisopropyl ether	6.503	45	61354	1.196	ug/l	93
23) Vinyl Acetate	6.501	43	32983	0.831	ug/l #	72
29) Tetrahydrofuran	7.697	42	3116	0.361	ug/l #	59
31) Cyclohexane	8.083	56	36173	1.373	ug/l #	38
36) 1,1-Dichloropropene	8.091	75	112432	5.791	ug/l #	49
38) Carbon Tetrachloride	8.088	117	138827	7.406	ug/l #	16
42) 1,2-Dichloroethane	8.531	62	7564	0.322	ug/l	92
49) 1,4-Dioxane	9.577	88	108	39.323	ug/l #	1
51) 4-Methyl-2-Pentanone	10.339	43	10469	0.385	ug/l	92
53) t-1,3-Dichloropropene	10.717	75	430	2.654	ug/l #	43
54) cis-1,3-Dichloropropene	10.191	75	360	1.746	ug/l #	27
56) Ethyl methacrylate	10.760	69	2091	2.124	ug/l	87
58) 2-Chloroethyl Vinyl ether	10.046	63	181	22.793	ug/l #	45
59) 2-Hexanone	11.092	43	21861	8.863	ug/l	85
60) Dibromochloromethane	11.240	129	305	2.435	ug/l	82
61) 1,2-Dibromoethane	11.352	107	439	1.097	ug/l	82
70) Styrene	12.296	104	4244	1.599	ug/l #	72
71) Bromoform	12.457	173	375	3.455	ug/l #	29
74) N-amyl acetate	12.393	43	10086	0.342	ug/l #	87
76) 1,2,3-Trichloropropane	12.734	75	587800	29.171	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.734	75	587800	82.569	ug/l #	5
82) 4-Chlorotoluene	13.104	91	9297	0.201	ug/l	87
87) 1,3-Dichlorobenzene	13.616	146	6431	0.233	ug/l	95
88) 1,4-Dichlorobenzene	13.616	146	6431	0.238	ug/l	95
89) n-Butylbenzene	13.943	91	16527	0.363	ug/l	95
90) Hexachloroethane	14.217	117	98	2.171	ug/l #	6
91) 1,2-Dichlorobenzene	13.997	146	6917	0.264	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.592	75	720	1.956	ug/l	66
93) 1,2,4-Trichlorobenzene	15.263	180	11579	3.903	ug/l	92
94) Hexachlorobutadiene	15.370	225	1553	0.228	ug/l #	65

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 09 18:18:22 2021
Response via : Initial Calibration

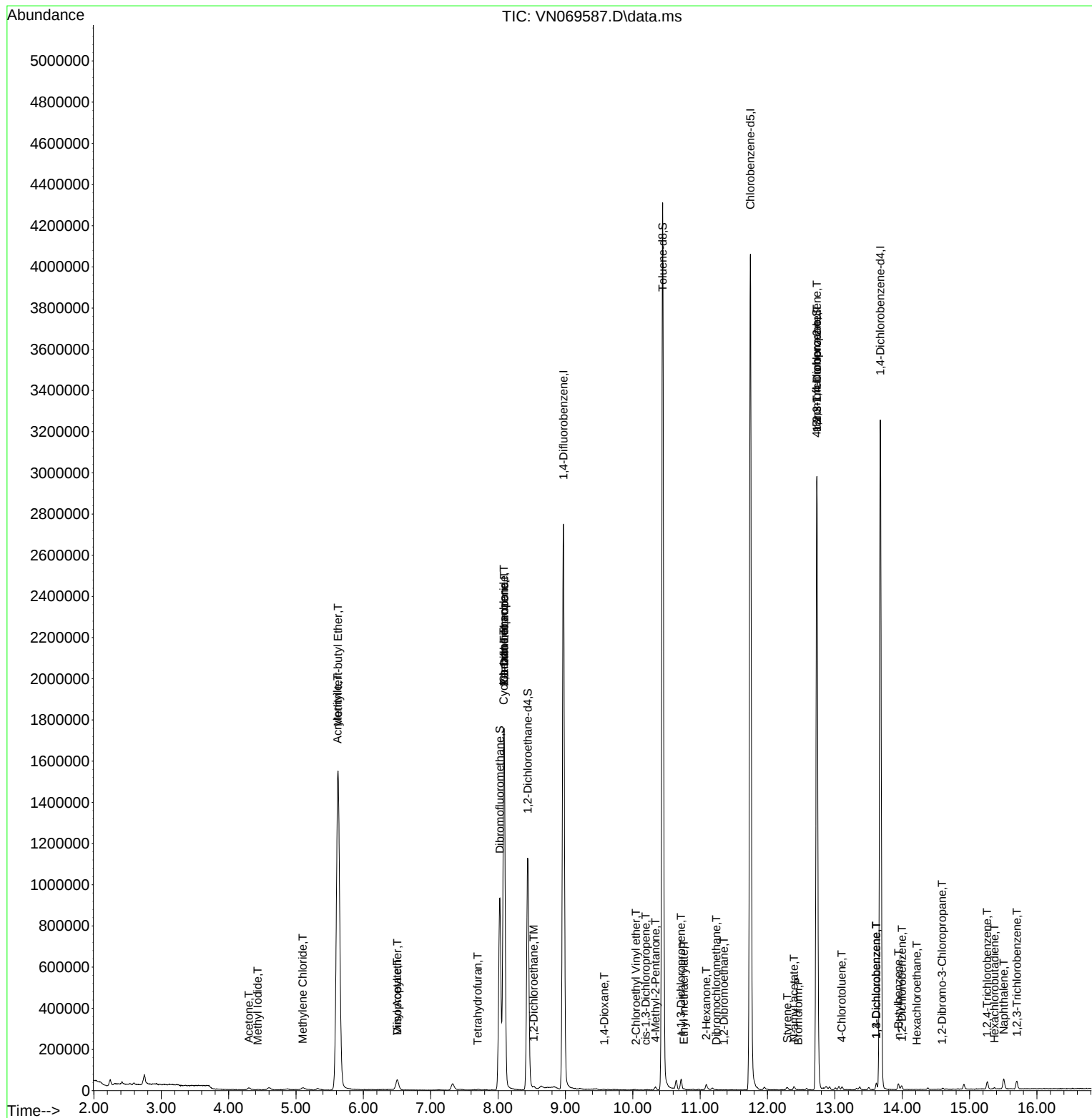
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.507	128	43655	5.477	ug/l	99
96) 1,2,3-Trichlorobenzene	15.703	180	12091	4.031	ug/l	96

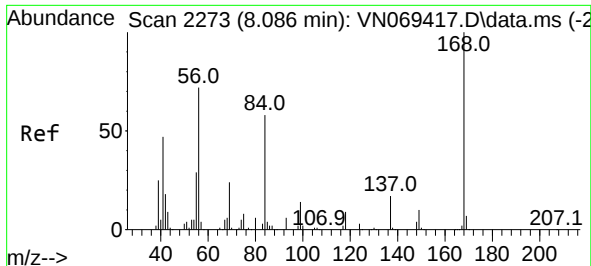
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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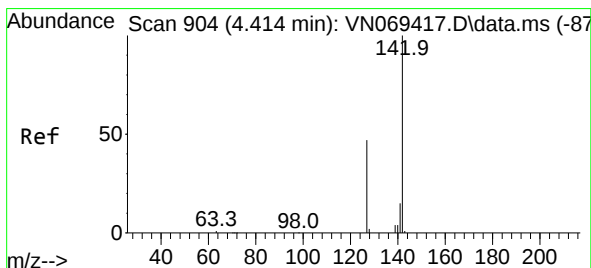
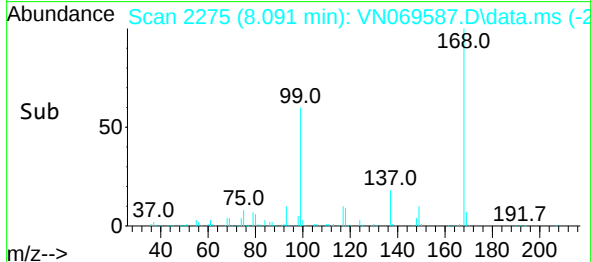
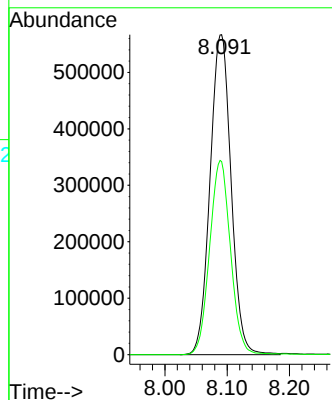
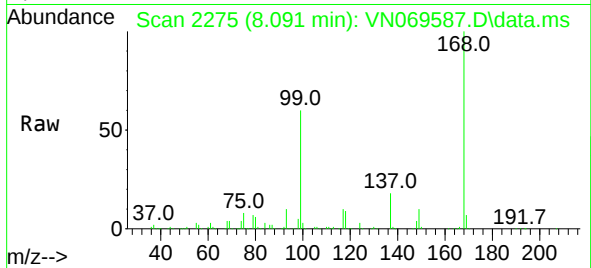




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.091 min Scan# 21
Delta R.T. 0.005 min
Lab File: VN069587.D
Acq: 19 Nov 2021 15:53

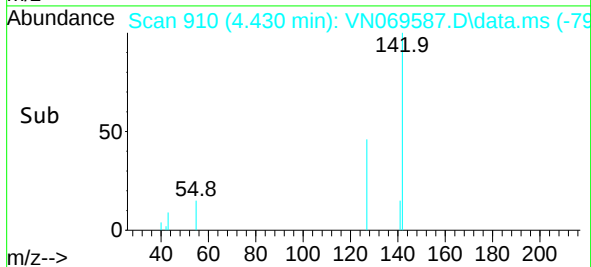
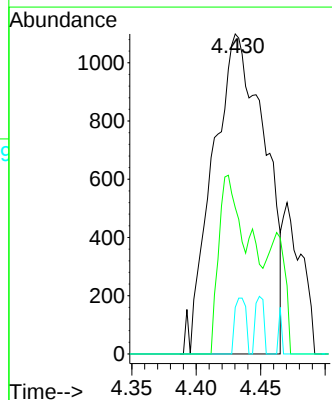
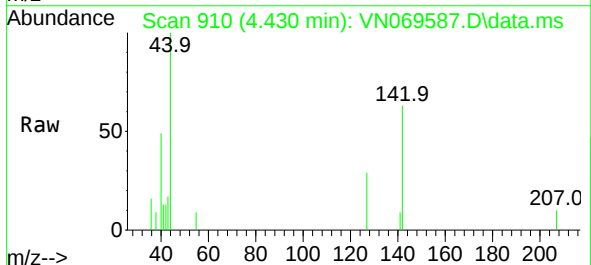
Instrument :
MSVOA_N
ClientSampleId :

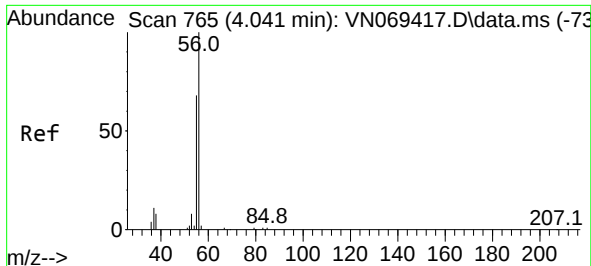
Tgt Ion:168 Resp: 1329542
Ion Ratio Lower Upper
168 100
99 60.3 41.3 61.9



#10
Methyl Iodide
Concen: 0.209 ug/l
RT: 4.430 min Scan# 910
Delta R.T. 0.016 min
Lab File: VN069587.D
Acq: 19 Nov 2021 15:53

Tgt Ion:142 Resp: 3081
Ion Ratio Lower Upper
142 100
127 23.5 35.4 53.0#
141 3.7 11.6 17.4#

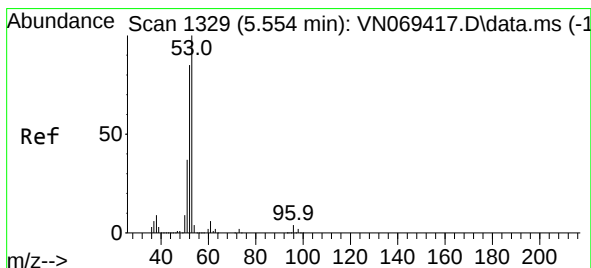
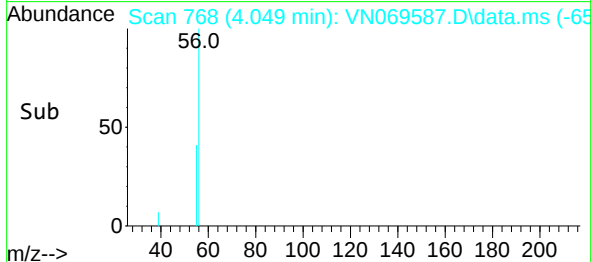
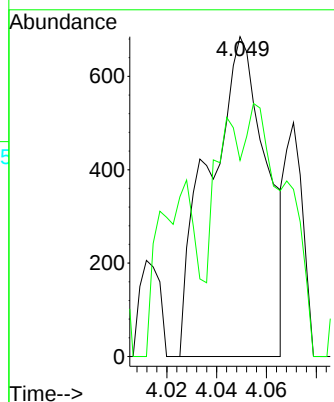
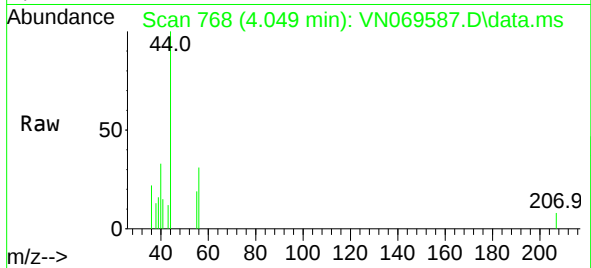




#13
Acrolein
Concen: Below Cal
RT: 4.049 min Scan# 765
Delta R.T. 0.008 min
Lab File: VN069587.D
Acq: 19 Nov 2021 15:53

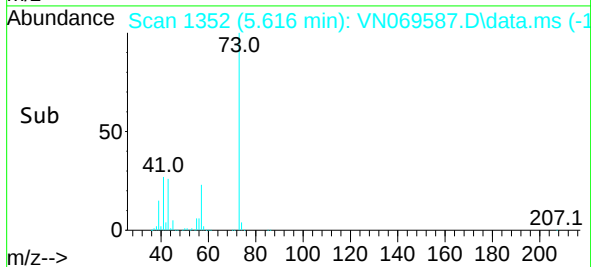
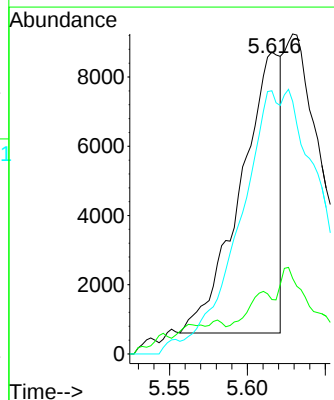
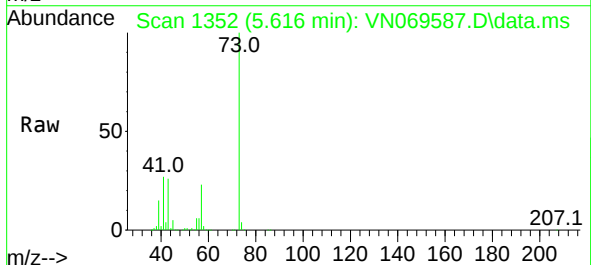
Instrument :
MSVOA_N
ClientSampleId :

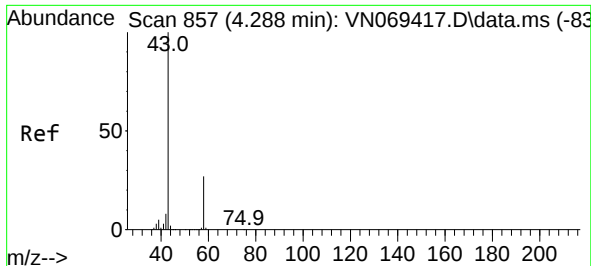
Tgt Ion: 56 Resp: 1098
Ion Ratio Lower Upper
56 100
55 21.5 56.6 85.0#



#15
Acrylonitrile
Concen: 1.627 ug/l
RT: 5.616 min Scan# 1352
Delta R.T. 0.062 min
Lab File: VN069587.D
Acq: 19 Nov 2021 15:53

Tgt Ion: 53 Resp: 14473
Ion Ratio Lower Upper
53 100
52 7.0 66.2 99.2#
51 96.8 29.6 44.4#

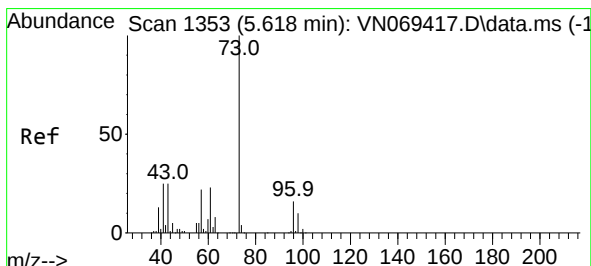
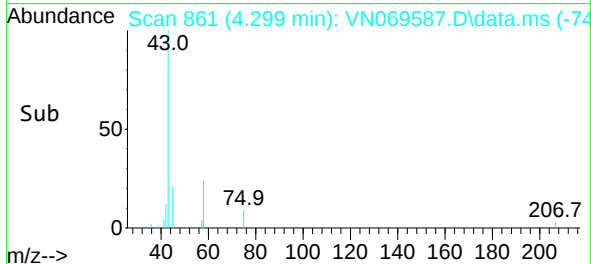
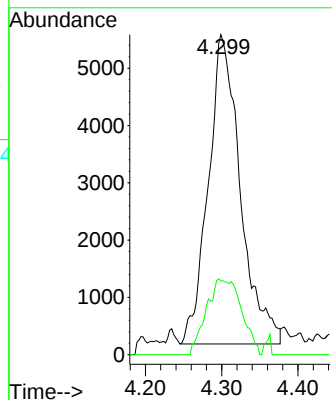
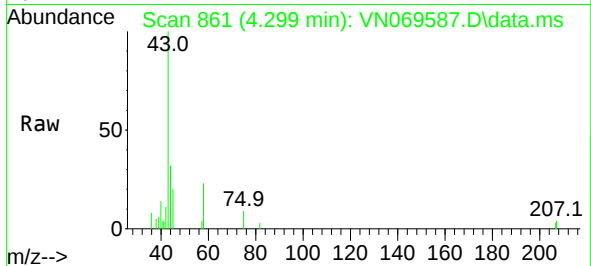




#16
Acetone
Concen: 1.518 ug/l
RT: 4.299 min Scan# 80
Delta R.T. 0.011 min
Lab File: VN069587.D
Acq: 19 Nov 2021 15:53

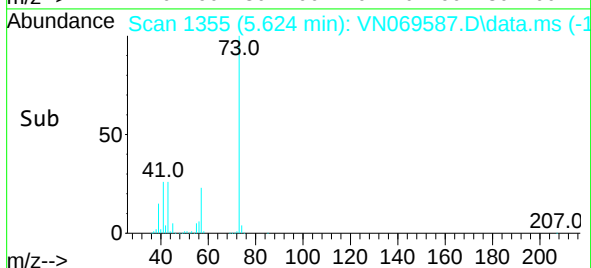
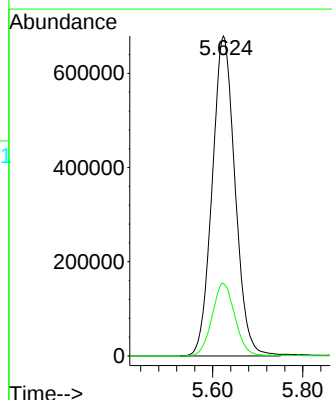
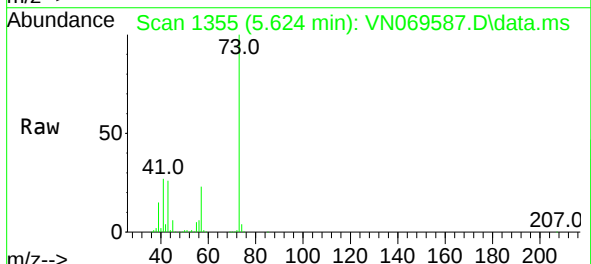
Instrument :
MSVOA_N
ClientSampleId :

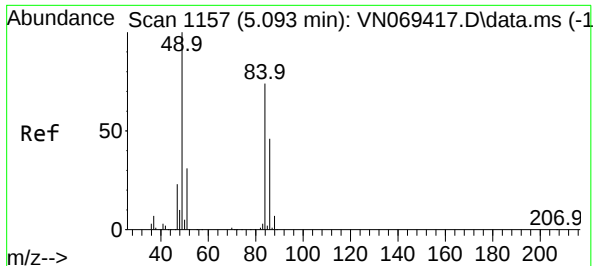
Tgt Ion: 43 Resp: 15784
Ion Ratio Lower Upper
43 100
58 23.9 23.1 34.7



#19
Methyl tert-butyl Ether
Concen: 52.480 ug/l
RT: 5.624 min Scan# 1355
Delta R.T. 0.006 min
Lab File: VN069587.D
Acq: 19 Nov 2021 15:53

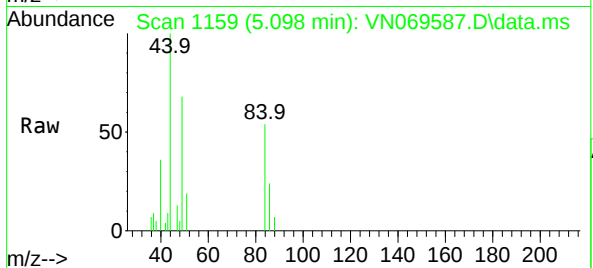
Tgt Ion: 73 Resp: 2393331
Ion Ratio Lower Upper
73 100
57 22.6 16.8 25.2



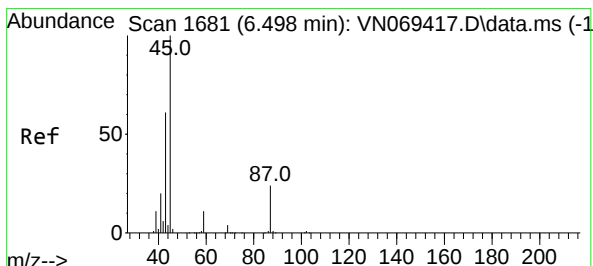
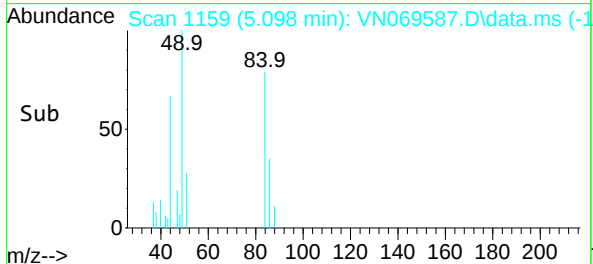
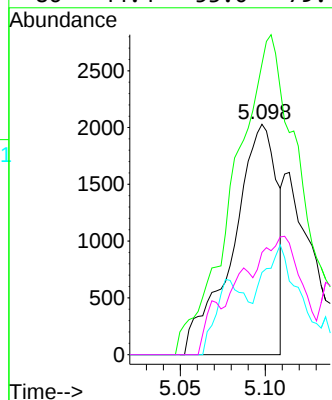


#20
Methylene Chloride
Concen: 0.248 ug/l
RT: 5.098 min Scan# 1157
Delta R.T. 0.005 min
Lab File: VN069587.D
Acq: 19 Nov 2021 15:53

Instrument :
MSVOA_N
ClientSampleId :

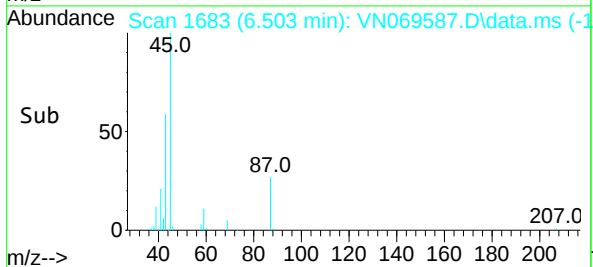
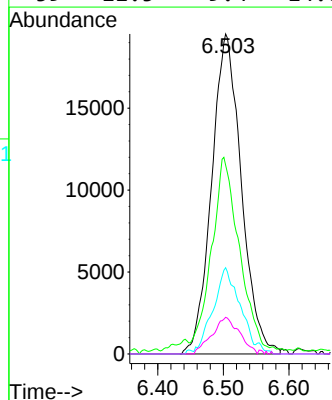
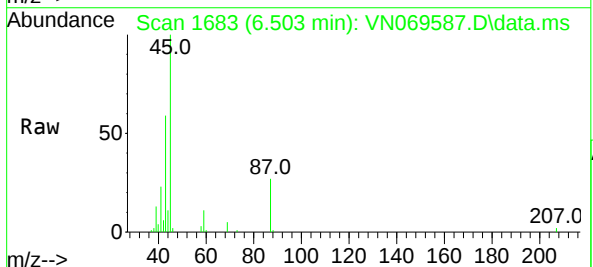


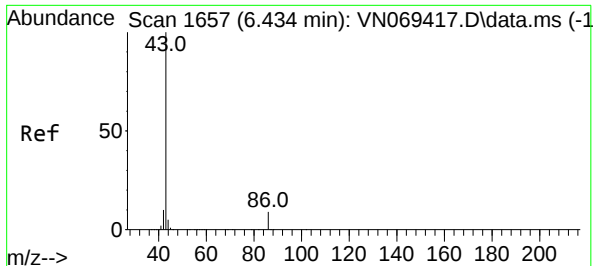
Tgt Ion: 84 Resp: 3656
Ion Ratio Lower Upper
84 100
49 116.4 93.5 140.3
51 35.7 29.4 44.2
86 44.4 53.0 79.4#



#22
Diisopropyl ether
Concen: 1.196 ug/l
RT: 6.503 min Scan# 1683
Delta R.T. 0.005 min
Lab File: VN069587.D
Acq: 19 Nov 2021 15:53

Tgt Ion: 45 Resp: 61354
Ion Ratio Lower Upper
45 100
43 57.3 51.7 77.5
87 26.9 23.2 34.8
59 11.5 9.4 14.0

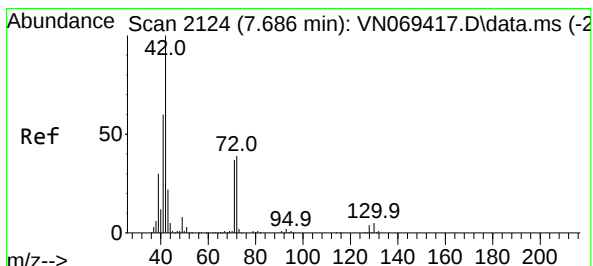
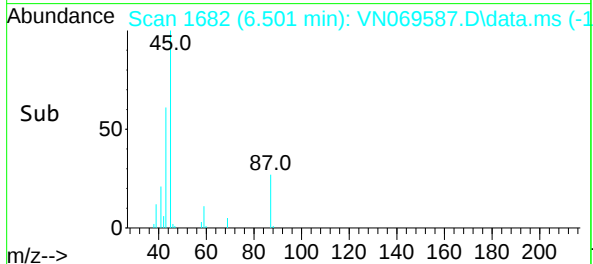
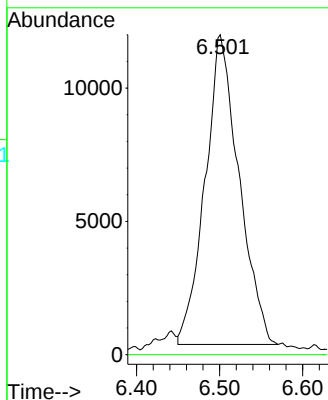
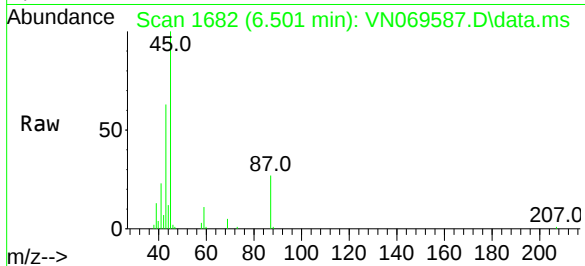




#23
 Vinyl Acetate
 Concen: 0.831 ug/l
 RT: 6.501 min Scan# 11
 Delta R.T. 0.067 min
 Lab File: VN069587.D
 Acq: 19 Nov 2021 15:53

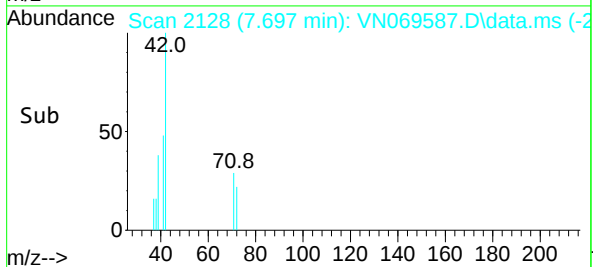
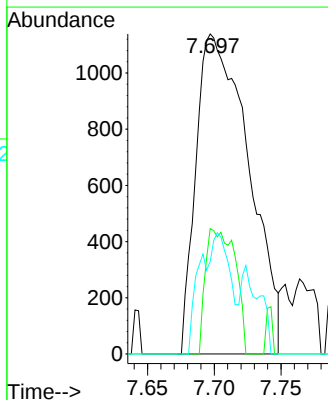
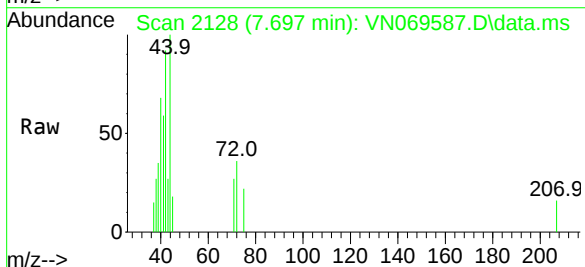
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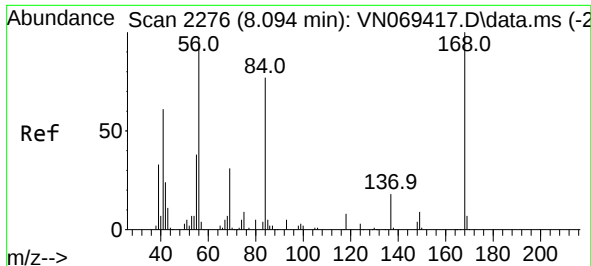
Tgt Ion: 43 Resp: 32983
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.5 12.7#



#29
 Tetrahydrofuran
 Concen: 0.361 ug/l
 RT: 7.697 min Scan# 2128
 Delta R.T. 0.011 min
 Lab File: VN069587.D
 Acq: 19 Nov 2021 15:53

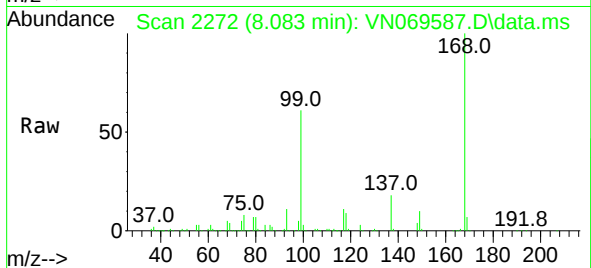
Tgt Ion: 42 Resp: 3116
 Ion Ratio Lower Upper
 42 100
 72 22.0 36.3 54.5#
 71 14.0 34.7 52.1#



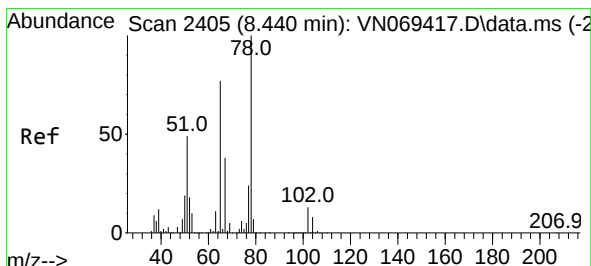
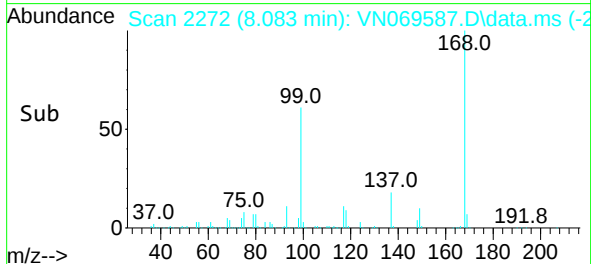
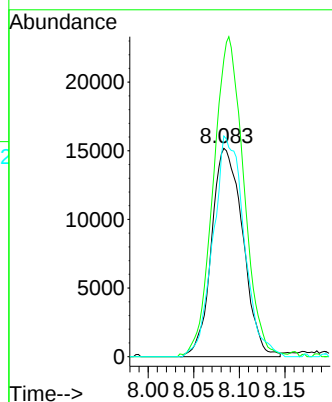


#31
Cyclohexane
Concen: 1.373 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.011 min
Lab File: VN069587.D
Acq: 19 Nov 2021 15:53

Instrument :
MSVOA_N
ClientSampleId :

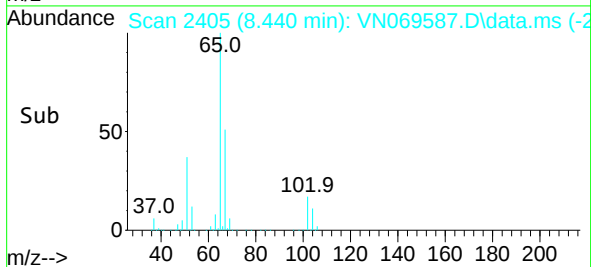
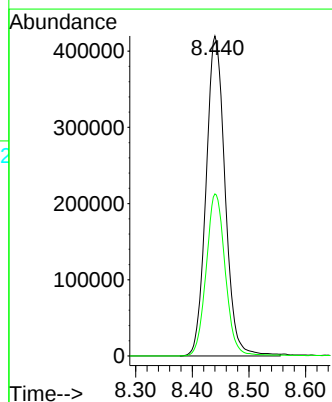
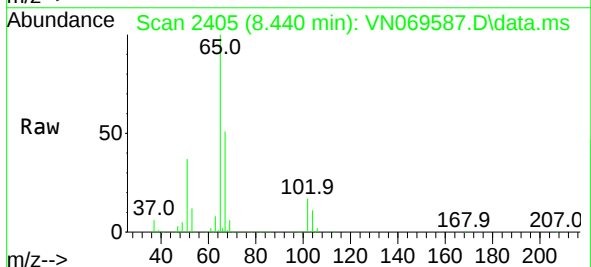


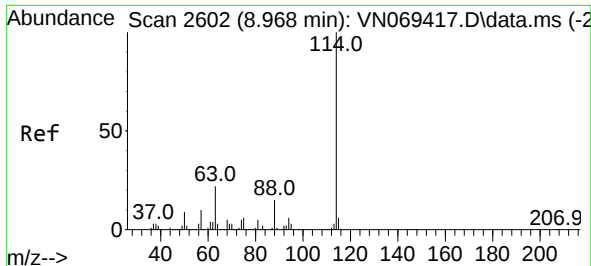
Tgt Ion: 56 Resp: 36173
Ion Ratio Lower Upper
56 100
69 141.5 27.1 40.7#
84 105.9 73.4 110.0



#33
1,2-Dichloroethane-d4
Concen: 50.788 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN069587.D
Acq: 19 Nov 2021 15:53

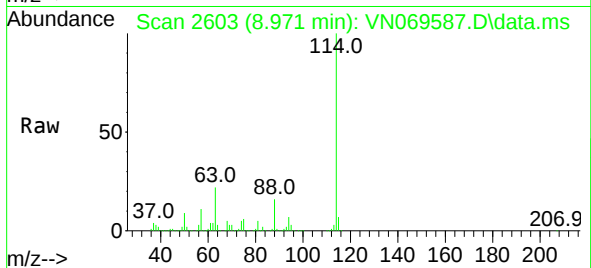
Tgt Ion: 65 Resp: 979078
Ion Ratio Lower Upper
65 100
67 50.7 0.0 103.0



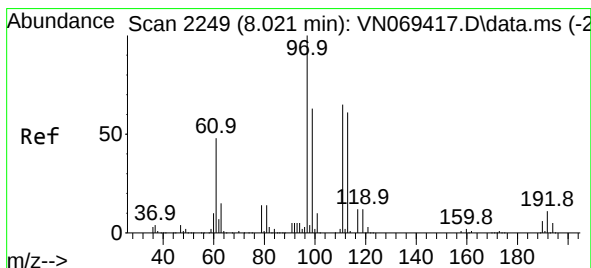
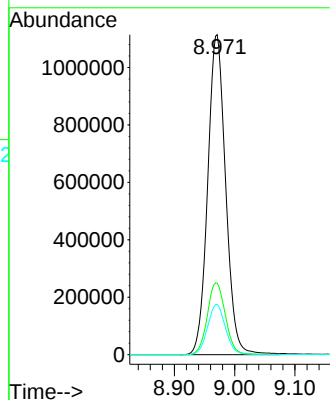
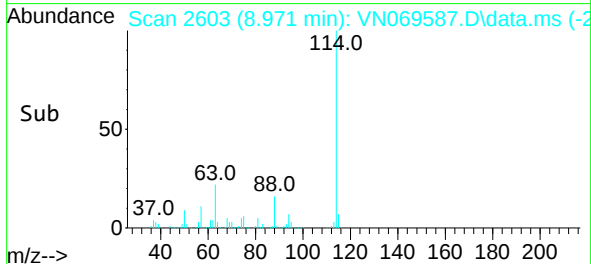


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2
Delta R.T. 0.003 min
Lab File: VN069587.D
Acq: 19 Nov 2021 15:53

Instrument :
MSVOA_N
ClientSampleId :

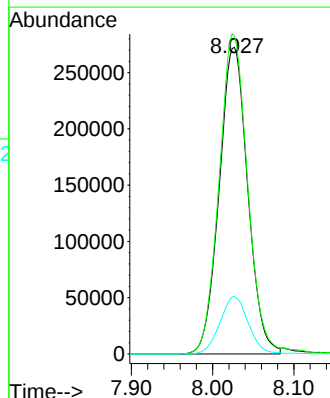
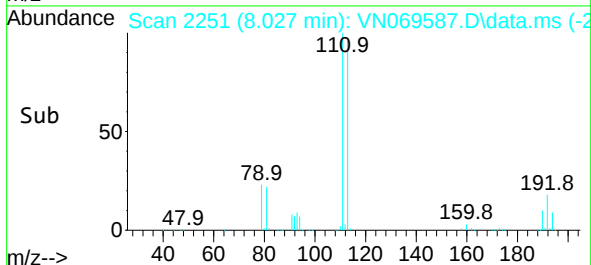
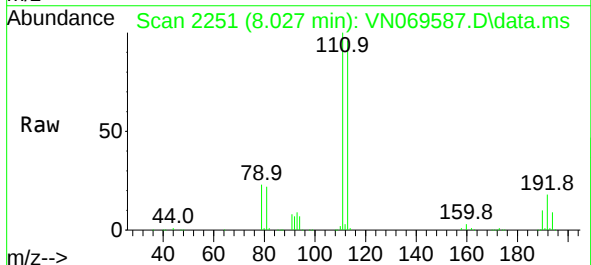


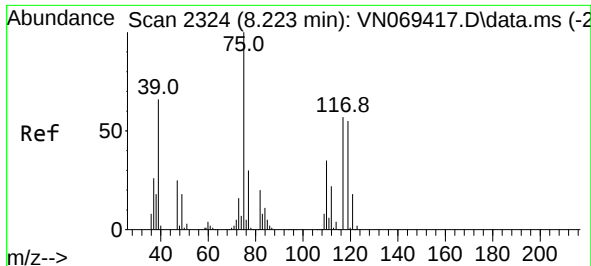
Tgt Ion:114 Resp: 2307373
Ion Ratio Lower Upper
114 100
63 22.4 0.0 37.8
88 15.7 0.0 27.4



#35
Dibromofluoromethane
Concen: 48.030 ug/l
RT: 8.027 min Scan# 2251
Delta R.T. 0.006 min
Lab File: VN069587.D
Acq: 19 Nov 2021 15:53

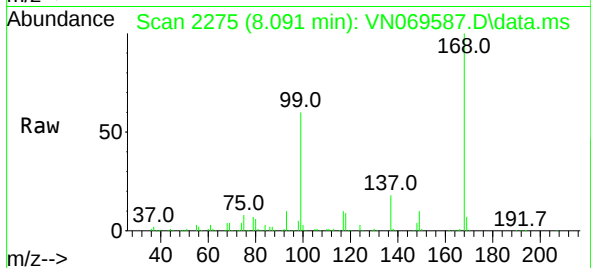
Tgt Ion:113 Resp: 664675
Ion Ratio Lower Upper
113 100
111 105.3 82.2 123.2
192 18.6 16.9 25.3



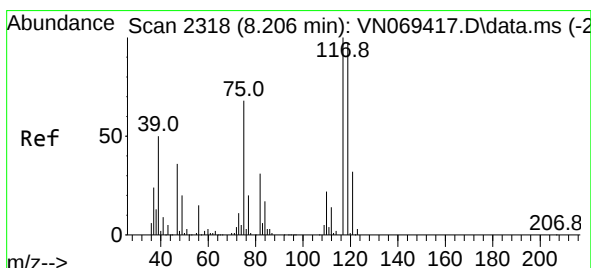
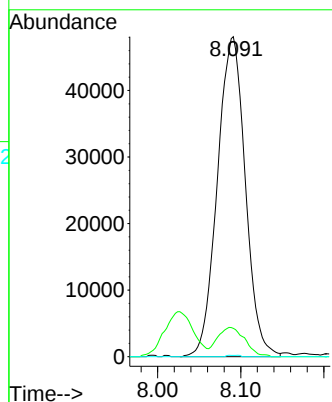
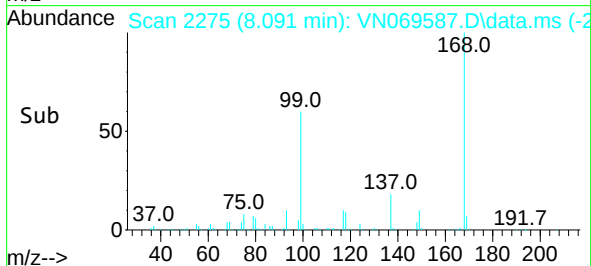


#36
1,1-Dichloropropene
Concen: 5.791 ug/l
RT: 8.091 min Scan# 21
Delta R.T. -0.132 min
Lab File: VN069587.D
Acq: 19 Nov 2021 15:53

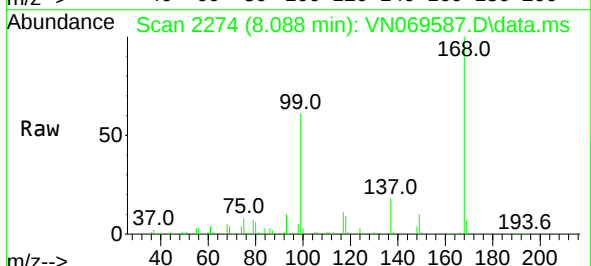
Instrument :
MSVOA_N
ClientSampleId :



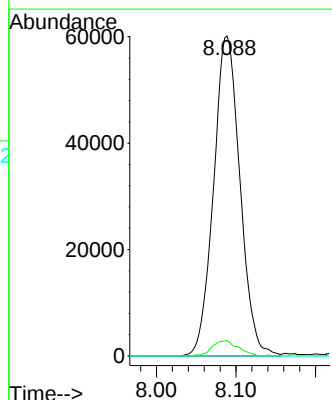
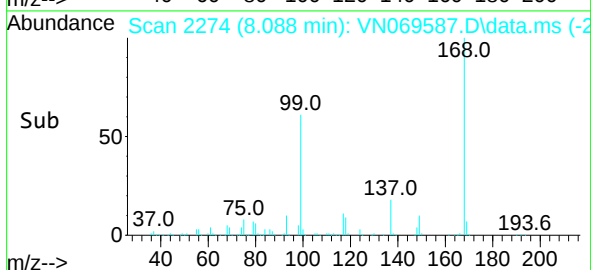
Tgt Ion: 75 Resp: 112432
Ion Ratio Lower Upper
75 100
110 9.0 18.4 55.2#
77 0.2 24.4 36.6#

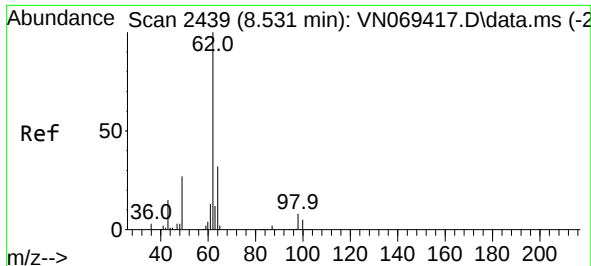


#38
Carbon Tetrachloride
Concen: 7.406 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.118 min
Lab File: VN069587.D
Acq: 19 Nov 2021 15:53



Tgt Ion: 117 Resp: 138827
Ion Ratio Lower Upper
117 100
119 4.8 76.1 114.1#
121 0.0 24.2 36.2#





#42

1,2-Dichloroethane

Concen: 0.322 ug/l

RT: 8.531 min Scan# 2439

Delta R.T. -0.000 min

Lab File: VN069587.D

Acq: 19 Nov 2021 15:53

Instrument :

MSVOA_N

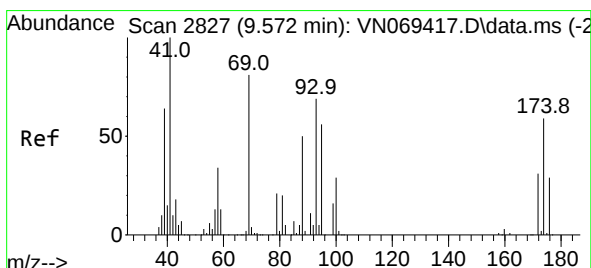
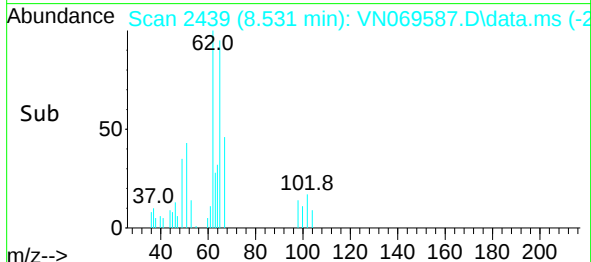
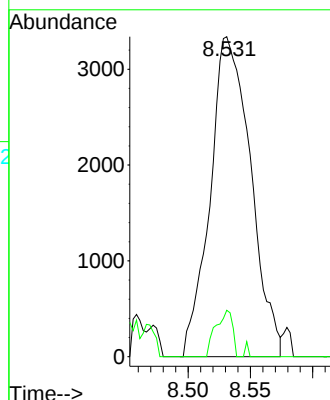
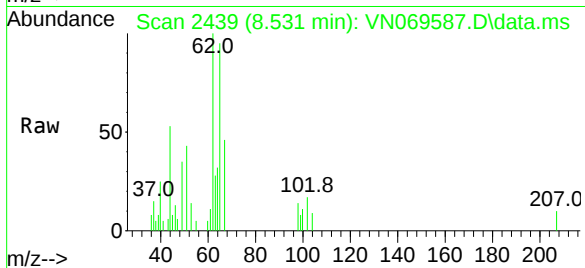
ClientSampleId :

Tgt Ion: 62 Resp: 7564

Ion Ratio Lower Upper

62 100

98 5.9 0.0 17.6



#49

1,4-Dioxane

Concen: 39.323 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. 0.005 min

Lab File: VN069587.D

Acq: 19 Nov 2021 15:53

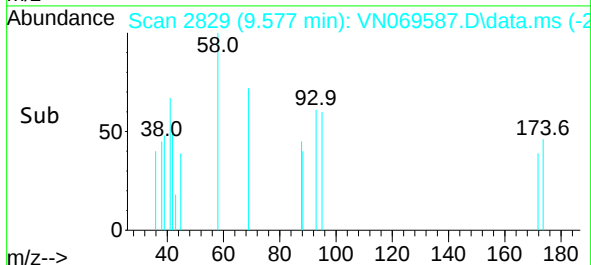
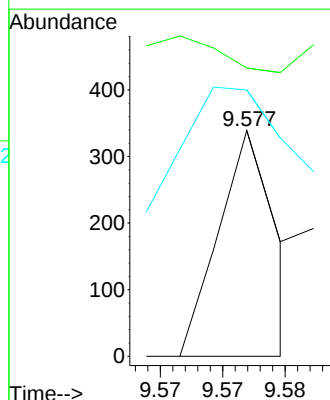
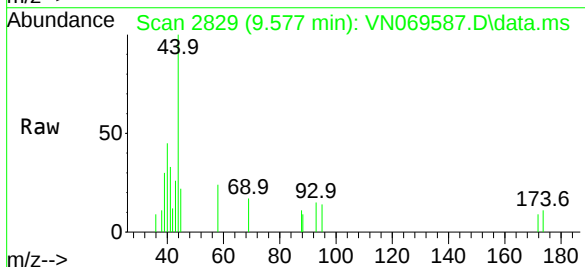
Tgt Ion: 88 Resp: 108

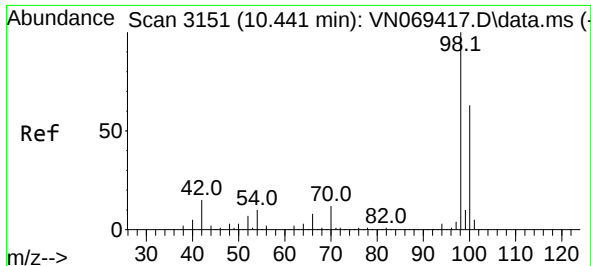
Ion Ratio Lower Upper

88 100

43 0.0 23.4 35.2#

58 376.9 50.6 75.8#

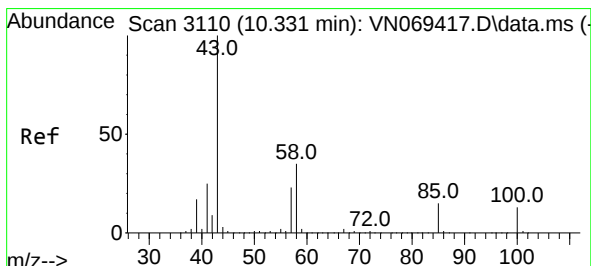
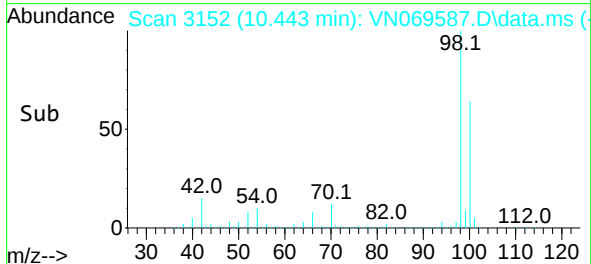
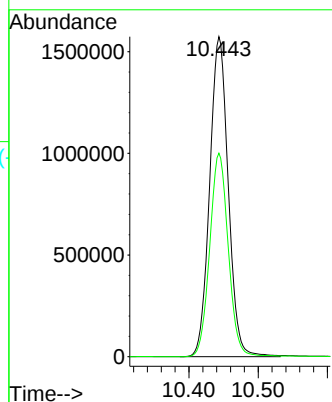
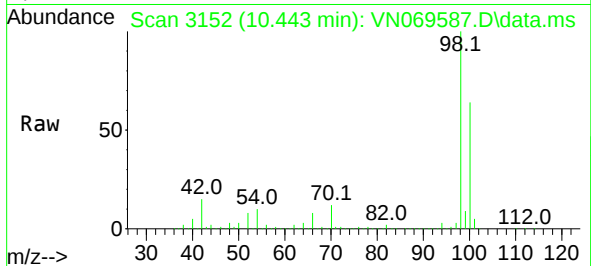




#50
Toluene-d8
Concen: 53.802 ug/l
RT: 10.443 min Scan# 3151
Delta R.T. 0.002 min
Lab File: VN069587.D
Acq: 19 Nov 2021 15:53

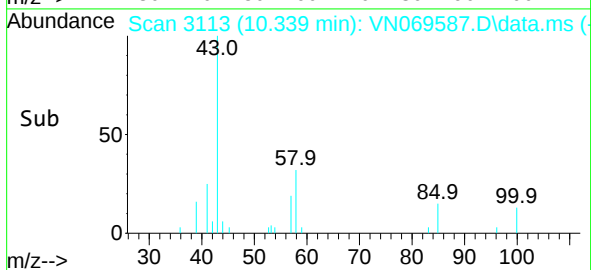
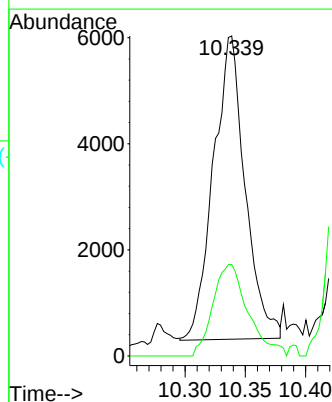
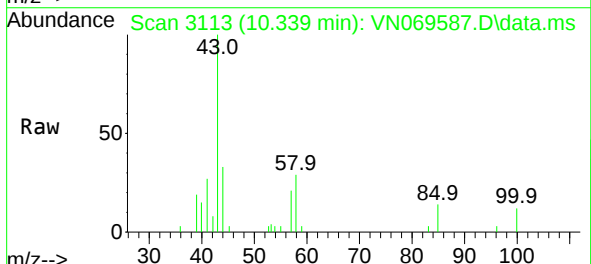
Instrument :
MSVOA_N
ClientSampleId :

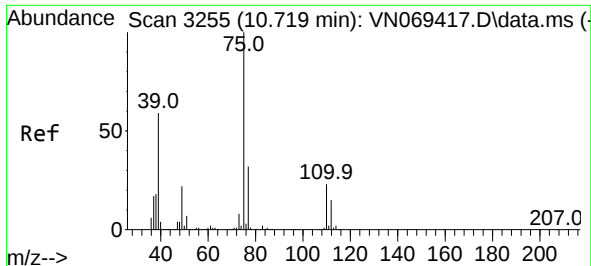
Tgt Ion: 98 Resp: 2928284
Ion Ratio Lower Upper
98 100
100 63.6 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 0.385 ug/l
RT: 10.339 min Scan# 3113
Delta R.T. 0.008 min
Lab File: VN069587.D
Acq: 19 Nov 2021 15:53

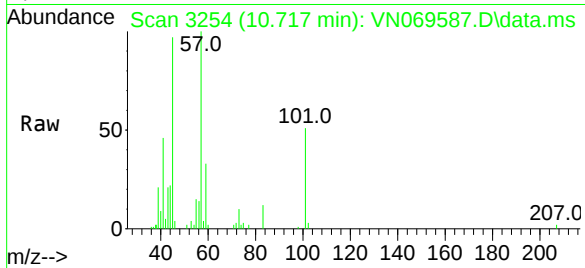
Tgt Ion: 43 Resp: 10469
Ion Ratio Lower Upper
43 100
58 33.4 30.4 45.6



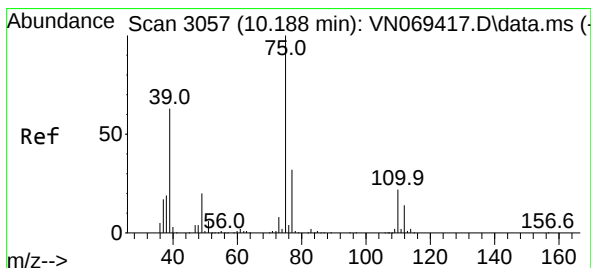
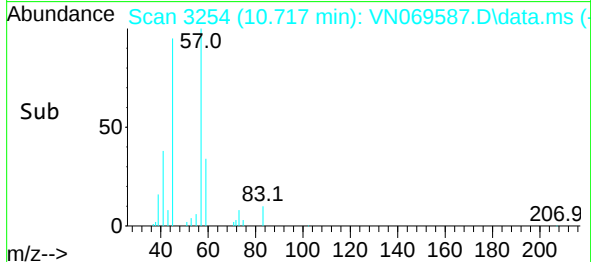
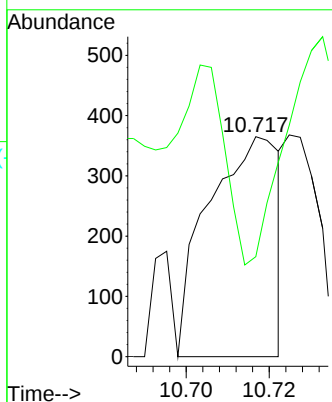


#53
 t-1,3-Dichloropropene
 Concen: 2.654 ug/l
 RT: 10.717 min Scan# 31
 Delta R.T. -0.002 min
 Lab File: VN069587.D
 Acq: 19 Nov 2021 15:53

Instrument :
 MSVOA_N
 ClientSampleId :

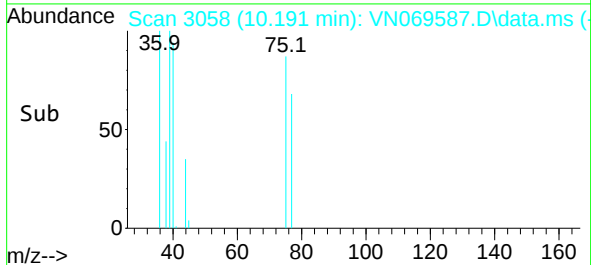
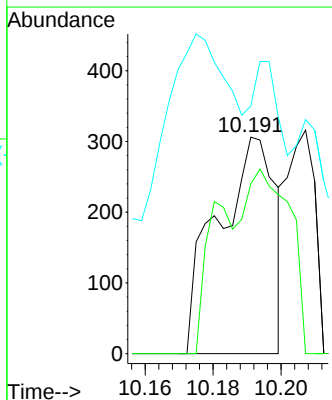
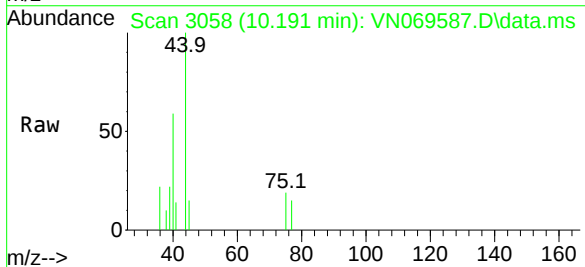


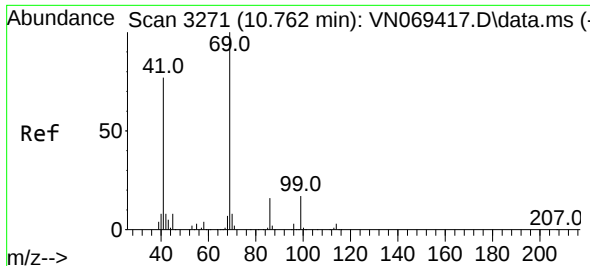
Tgt Ion: 75 Resp: 430
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.6 38.4#



#54
 cis-1,3-Dichloropropene
 Concen: 1.746 ug/l
 RT: 10.191 min Scan# 3058
 Delta R.T. 0.003 min
 Lab File: VN069587.D
 Acq: 19 Nov 2021 15:53

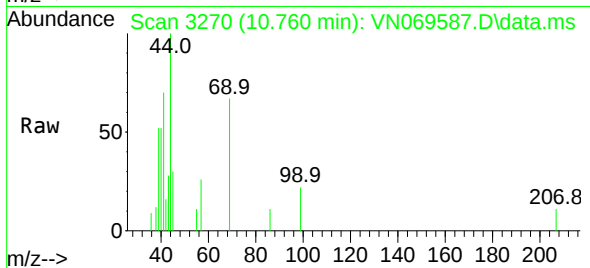
Tgt Ion: 75 Resp: 360
 Ion Ratio Lower Upper
 75 100
 77 78.4 26.4 39.6#
 39 4.9 42.5 63.7#



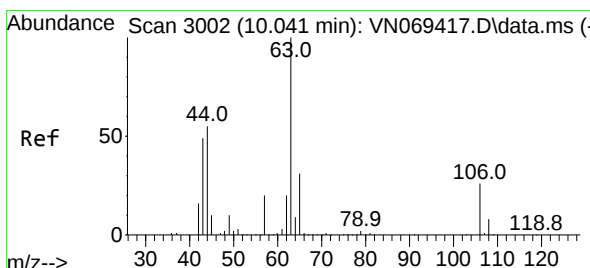
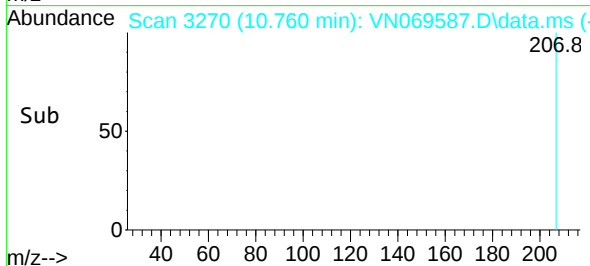
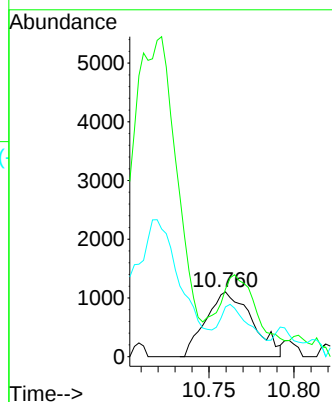


#56
Ethyl methacrylate
Concen: 2.124 ug/l
RT: 10.760 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN069587.D
Acq: 19 Nov 2021 15:53

Instrument :
MSVOA_N
ClientSampleId :

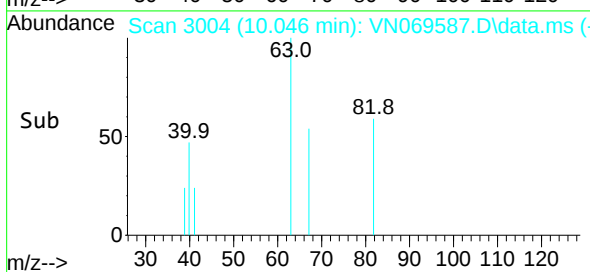
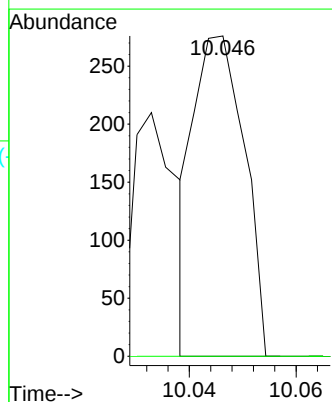
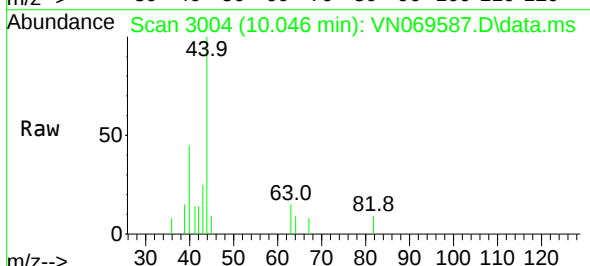


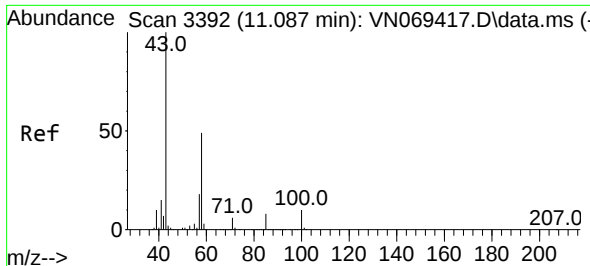
Tgt Ion: 69 Resp: 2091
Ion Ratio Lower Upper
69 100
41 75.5 51.4 77.0
39 36.8 34.6 52.0



#58
2-Chloroethyl Vinyl ether
Concen: 22.793 ug/l
RT: 10.046 min Scan# 3004
Delta R.T. 0.005 min
Lab File: VN069587.D
Acq: 19 Nov 2021 15:53

Tgt Ion: 63 Resp: 181
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#

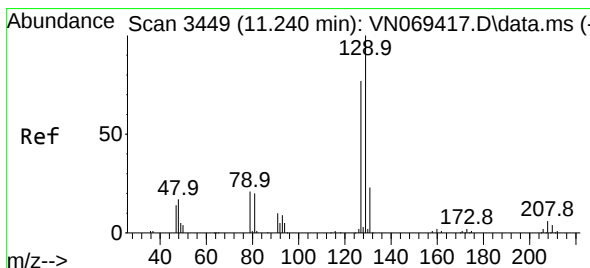
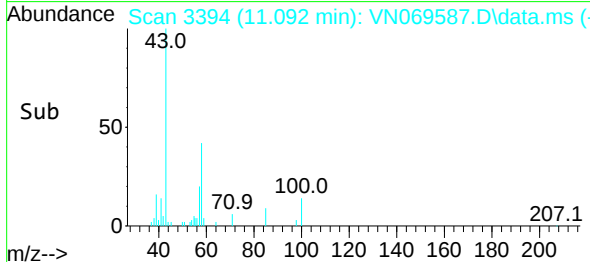
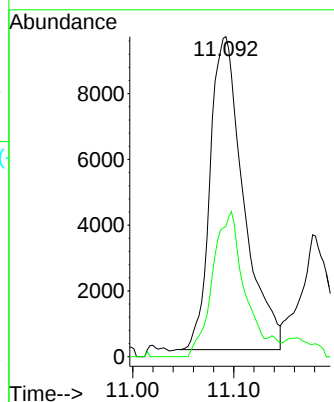
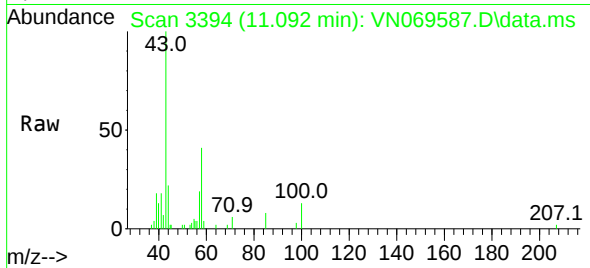




#59
2-Hexanone
Concen: 8.863 ug/l
RT: 11.092 min Scan# 31
Delta R.T. 0.005 min
Lab File: VN069587.D
Acq: 19 Nov 2021 15:53

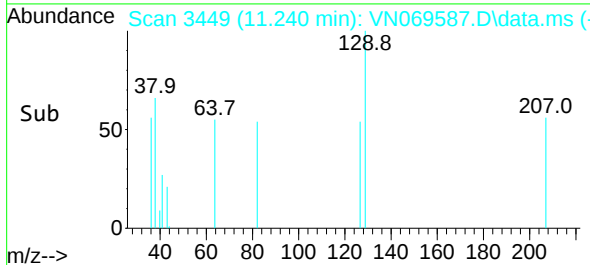
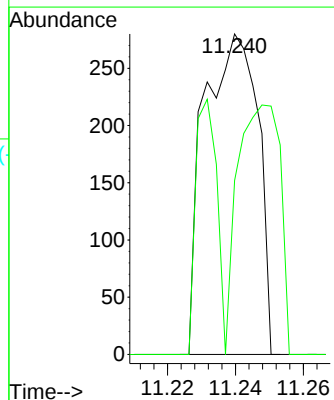
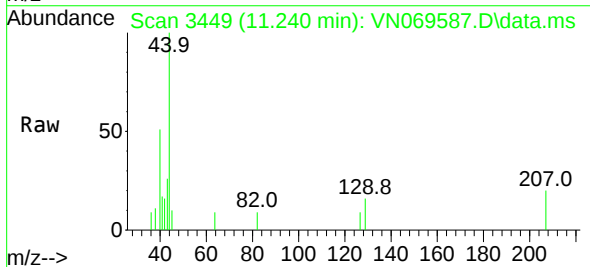
Instrument :
MSVOA_N
ClientSampleId :

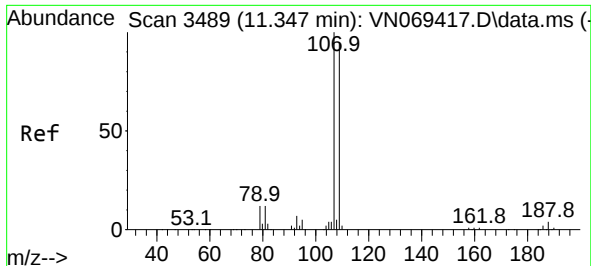
Tgt Ion: 43 Resp: 21861
Ion Ratio Lower Upper
43 100
58 43.3 26.9 80.7



#60
Dibromochloromethane
Concen: 2.435 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. -0.000 min
Lab File: VN069587.D
Acq: 19 Nov 2021 15:53

Tgt Ion: 129 Resp: 305
Ion Ratio Lower Upper
129 100
127 61.6 38.6 116.0

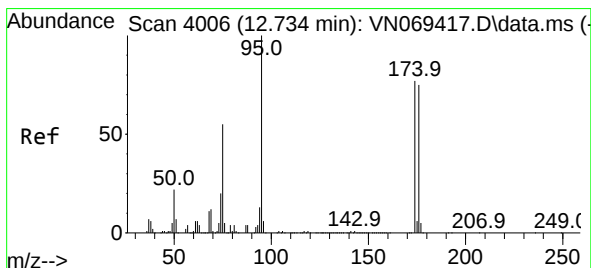
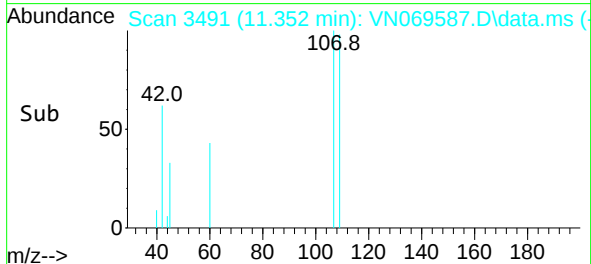
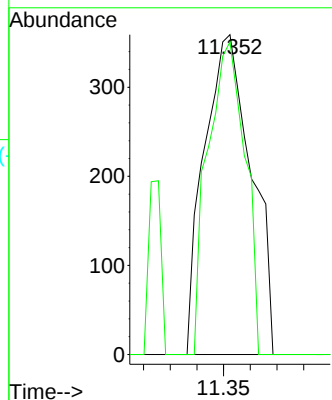
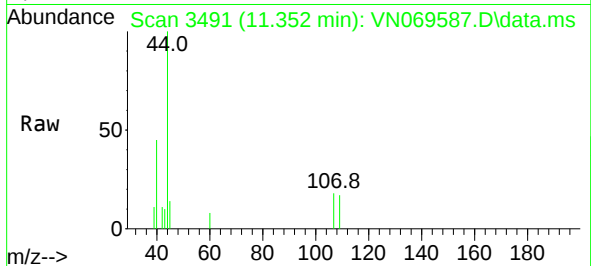




#61
1,2-Dibromoethane
Concen: 1.097 ug/l
RT: 11.352 min Scan# 3489
Delta R.T. 0.005 min
Lab File: VN069587.D
Acq: 19 Nov 2021 15:53

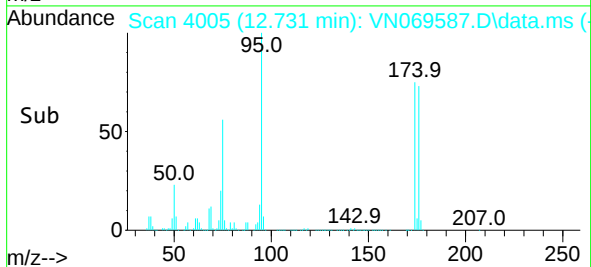
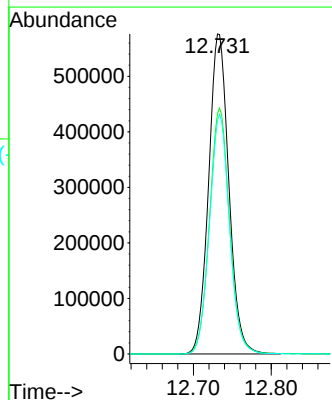
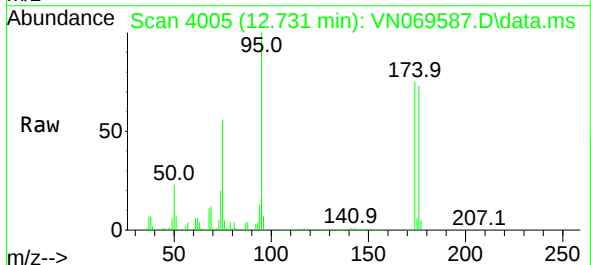
Instrument :
MSVOA_N
ClientSampleId :

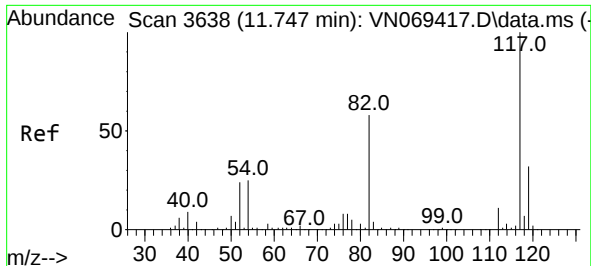
Tgt Ion:107 Resp: 439
Ion Ratio Lower Upper
107 100
109 77.2 75.7 113.5



#62
4-Bromofluorobenzene
Concen: 51.949 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.003 min
Lab File: VN069587.D
Acq: 19 Nov 2021 15:53

Tgt Ion: 95 Resp: 1038701
Ion Ratio Lower Upper
95 100
174 76.7 0.0 187.2
176 74.1 0.0 181.4

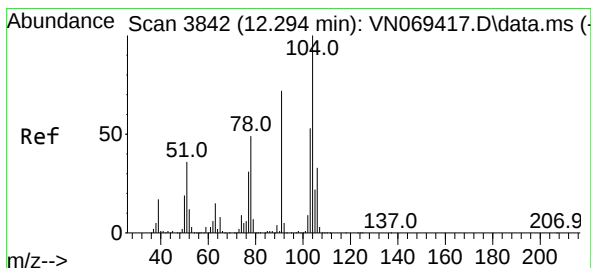
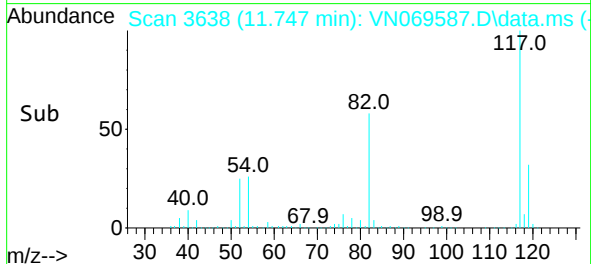
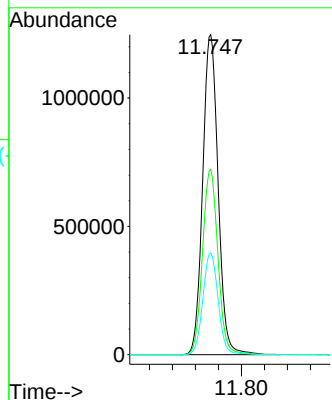
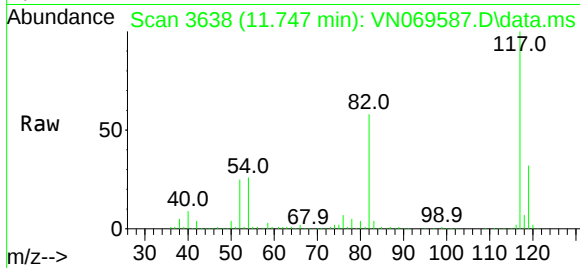




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN069587.D
Acq: 19 Nov 2021 15:53

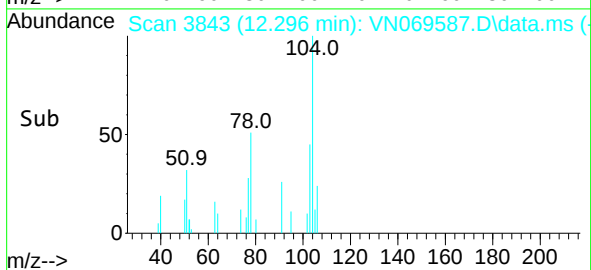
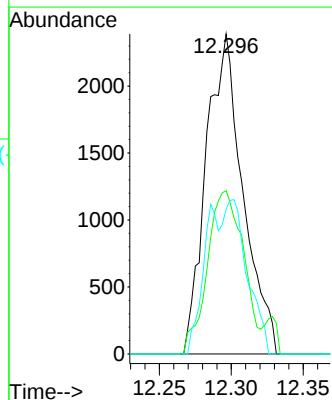
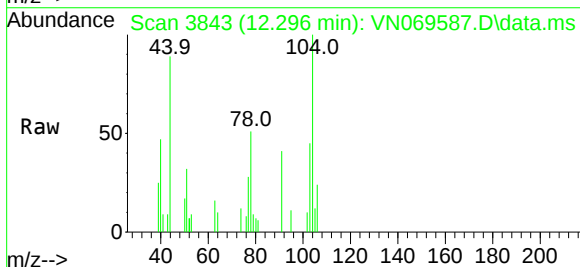
Instrument :
MSVOA_N
ClientSampleId :

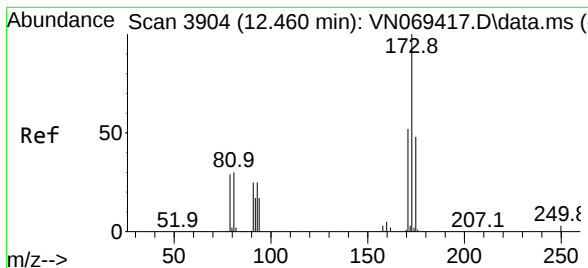
Tgt Ion:117 Resp: 2324514
Ion Ratio Lower Upper
117 100
82 57.9 42.4 63.6
119 31.8 25.4 38.2



#70
Styrene
Concen: 1.599 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.002 min
Lab File: VN069587.D
Acq: 19 Nov 2021 15:53

Tgt Ion:104 Resp: 4244
Ion Ratio Lower Upper
104 100
78 50.3 38.7 58.1
103 20.5 45.0 67.6#





#71

Bromoform

Concen: 3.455 ug/l

RT: 12.457 min Scan# 3903

Delta R.T. -0.003 min

Lab File: VN069587.D

Acq: 19 Nov 2021 15:53

Instrument :

MSVOA_N

ClientSampleId :

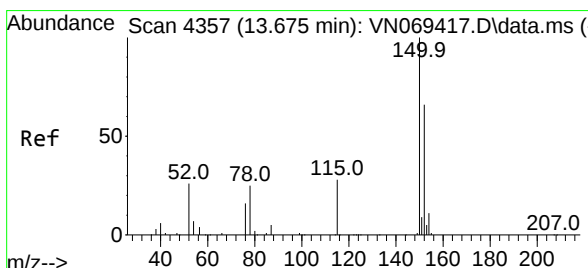
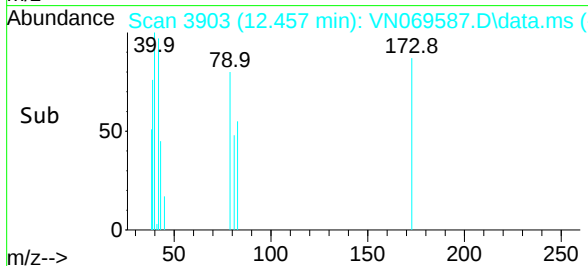
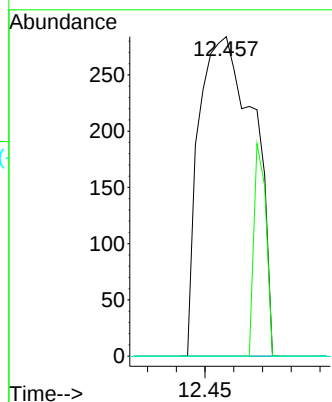
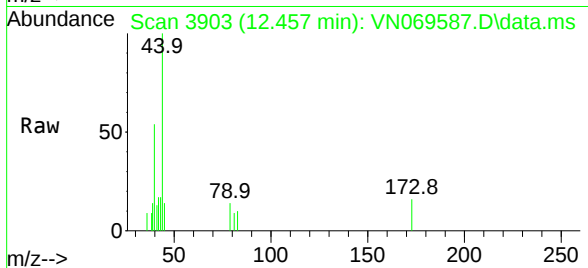
Tgt Ion:173 Resp: 375

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# 4357

Delta R.T. -0.000 min

Lab File: VN069587.D

Acq: 19 Nov 2021 15:53

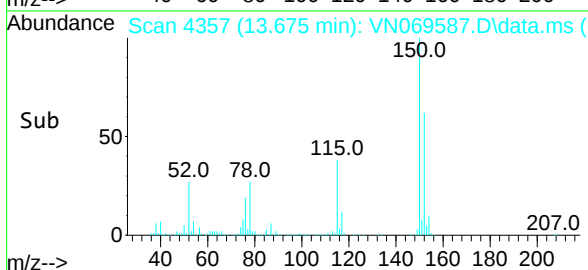
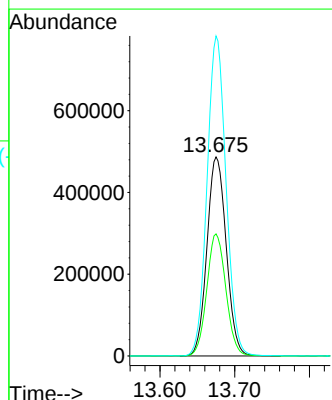
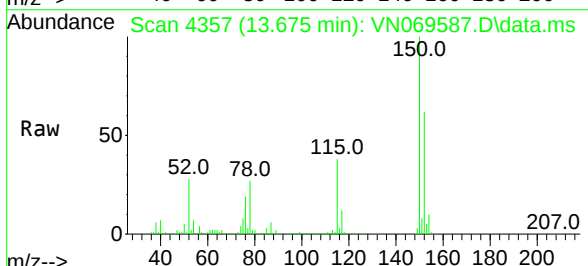
Tgt Ion:152 Resp: 873147

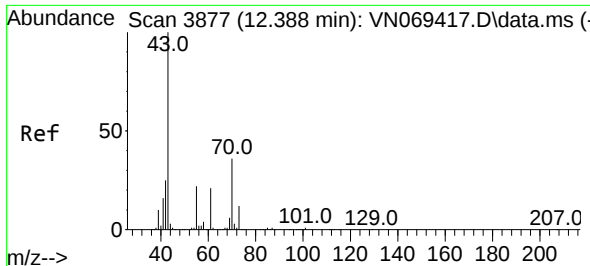
Ion Ratio Lower Upper

152 100

115 60.8 27.5 82.5

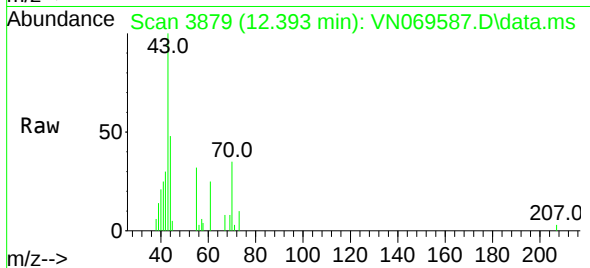
150 158.0 0.0 344.4



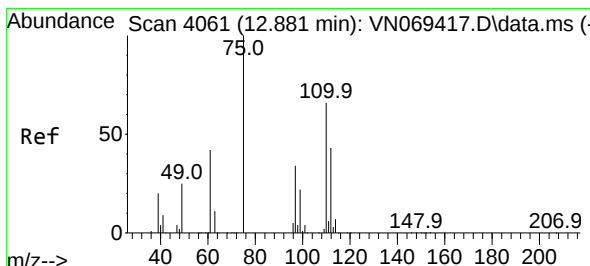
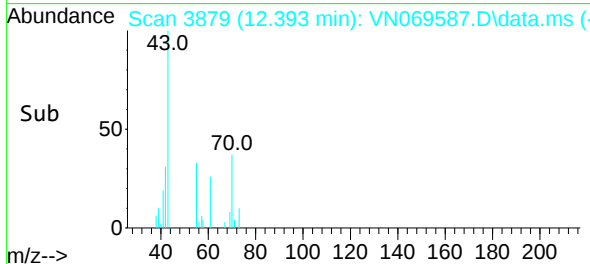
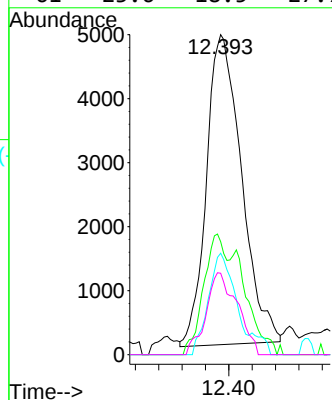


#74
N-amy1 acetate
Concen: 0.342 ug/l
RT: 12.393 min Scan# 31
Delta R.T. 0.005 min
Lab File: VN069587.D
Acq: 19 Nov 2021 15:53

Instrument :
MSVOA_N
ClientSampleId :

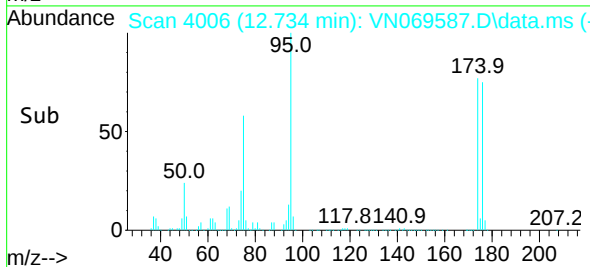
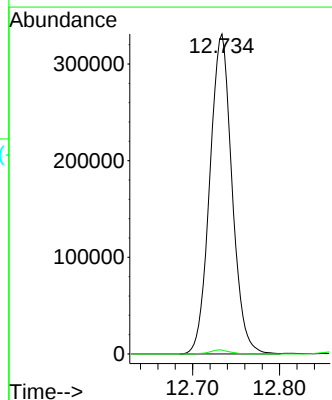
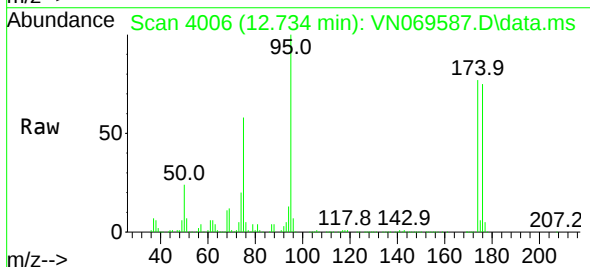


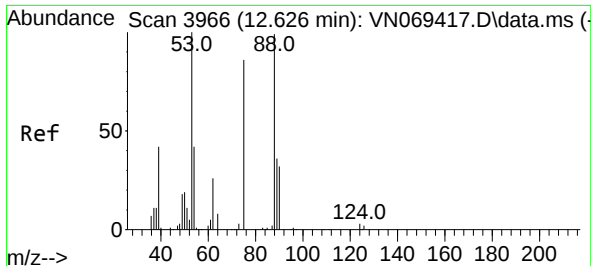
Tgt Ion: 43	Resp: 10086
Ion Ratio	Lower Upper
43	100
70	24.5 33.4 50.0#
55	24.8 19.3 28.9
61	23.6 18.5 27.7



#76
1,2,3-Trichloropropane
Concen: 29.171 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.147 min
Lab File: VN069587.D
Acq: 19 Nov 2021 15:53

Tgt Ion: 75	Resp: 587800
Ion Ratio	Lower Upper
75	100
77	1.1 82.6 247.8#

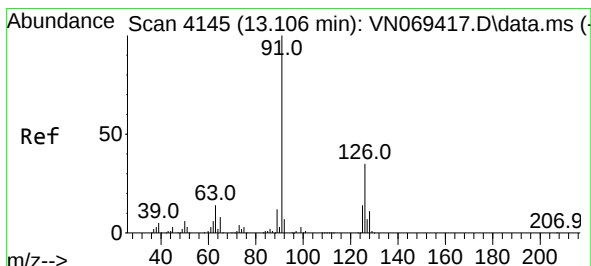
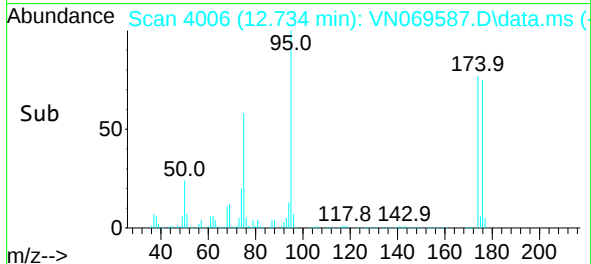
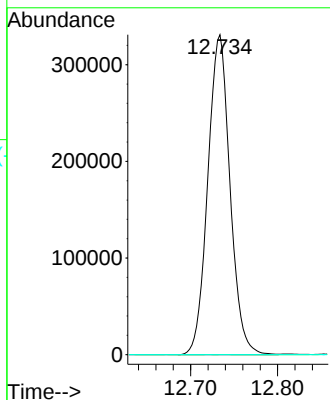
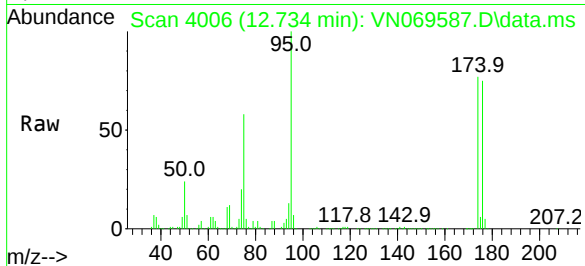




#81
trans-1,4-Dichloro-2-butene
Concen: 82.569 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.108 min
Lab File: VN069587.D
Acq: 19 Nov 2021 15:53

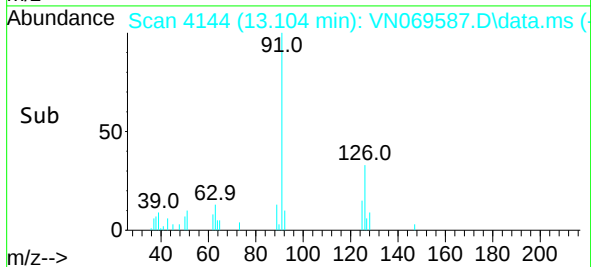
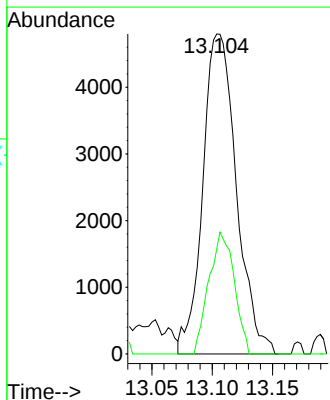
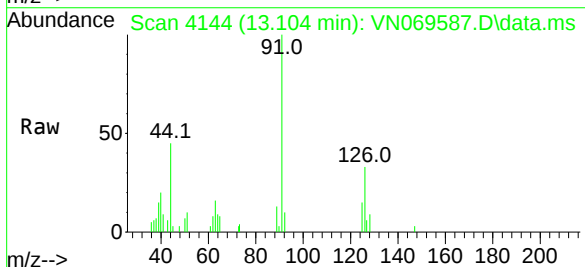
Instrument :
MSVOA_N
ClientSampleId :

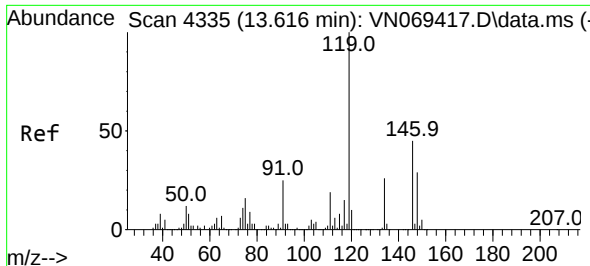
Tgt Ion: 75 Resp: 587800
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#



#82
4-Chlorotoluene
Concen: 0.201 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.002 min
Lab File: VN069587.D
Acq: 19 Nov 2021 15:53

Tgt Ion: 91 Resp: 9297
Ion Ratio Lower Upper
91 100
126 28.7 18.2 54.6

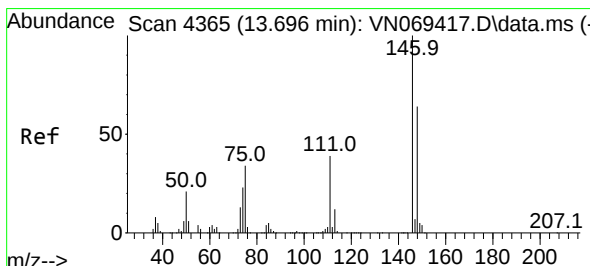
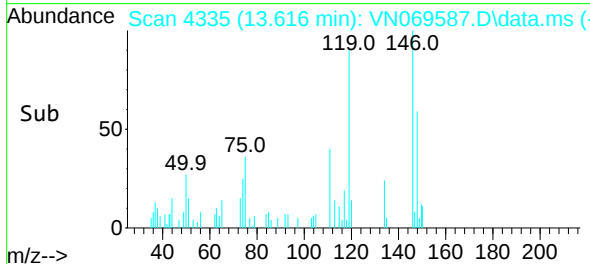
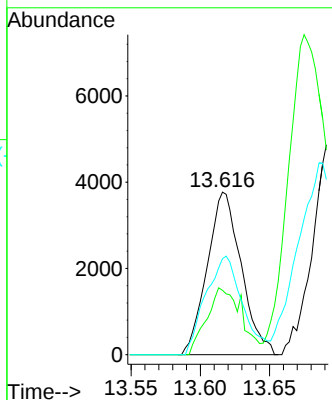
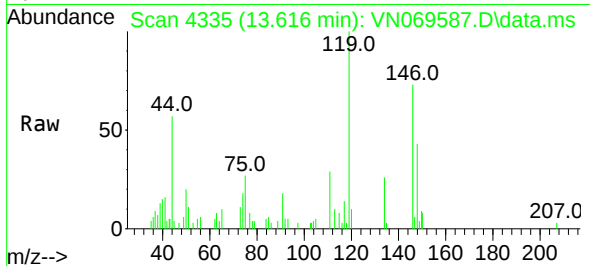




#87
 1,3-Dichlorobenzene
 Concen: 0.233 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. -0.000 min
 Lab File: VN069587.D
 Acq: 19 Nov 2021 15:53

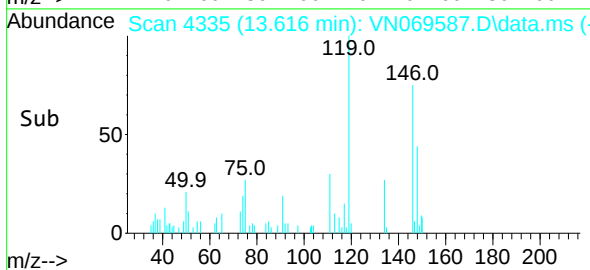
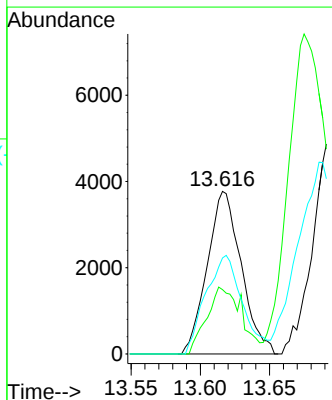
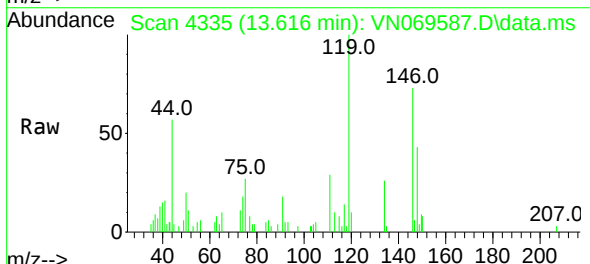
Instrument :
 MSVOA_N
 ClientSampleId :

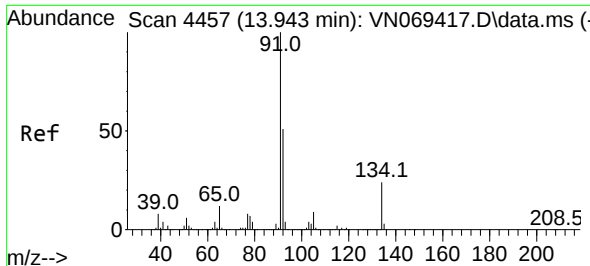
Tgt Ion:146 Resp: 6431
 Ion Ratio Lower Upper
 146 100
 111 42.1 18.6 55.6
 148 66.1 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 0.238 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. -0.080 min
 Lab File: VN069587.D
 Acq: 19 Nov 2021 15:53

Tgt Ion:146 Resp: 6431
 Ion Ratio Lower Upper
 146 100
 111 42.1 18.3 54.8
 148 66.1 31.8 95.4

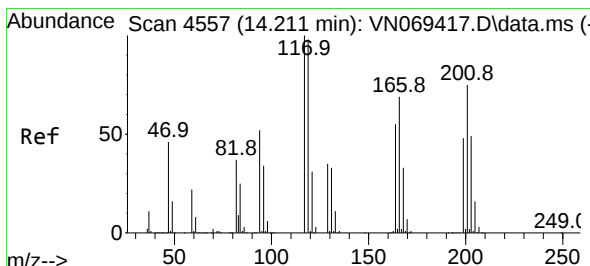
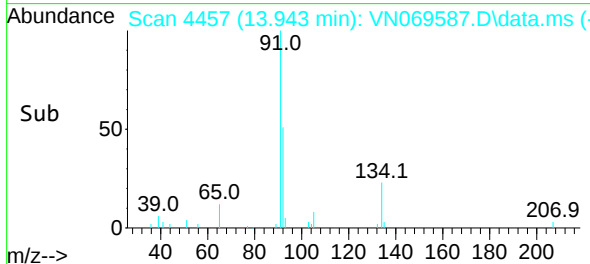
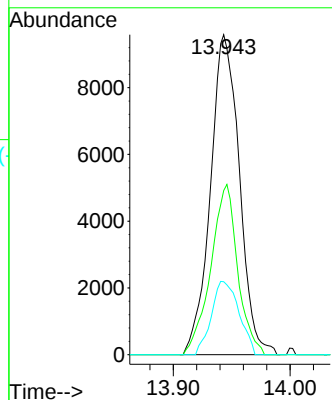
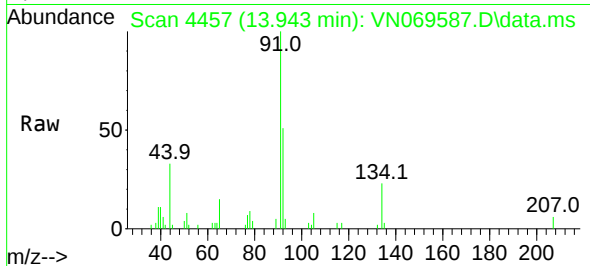




#89
n-Butylbenzene
Concen: 0.363 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069587.D
Acq: 19 Nov 2021 15:53

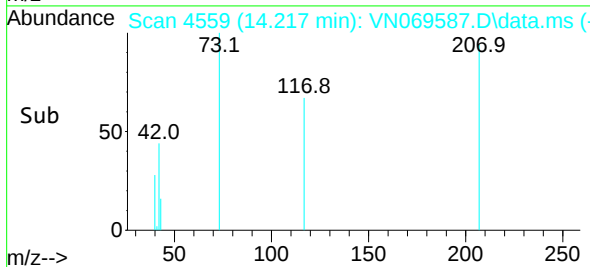
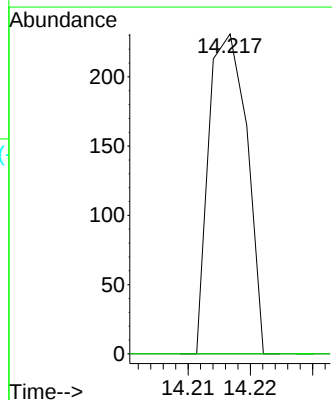
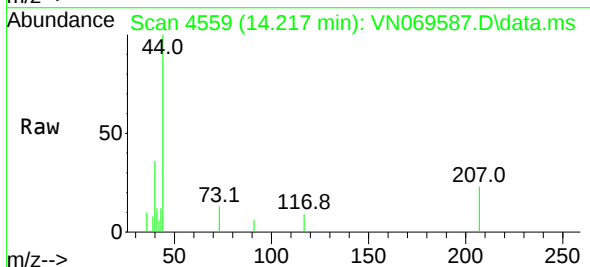
Instrument :
MSVOA_N
ClientSampleId :

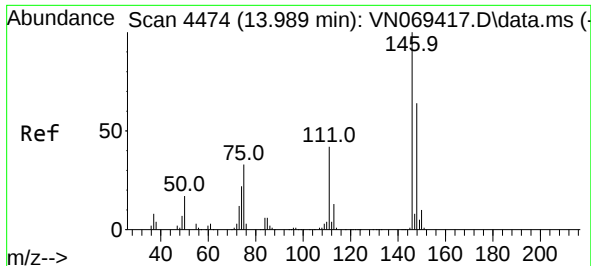
Tgt Ion: 91	Resp: 16527
Ion Ratio	Lower Upper
91	100
92	49.4 25.4 76.0
134	21.8 13.6 40.8



#90
Hexachloroethane
Concen: 2.171 ug/l
RT: 14.217 min Scan# 4559
Delta R.T. 0.006 min
Lab File: VN069587.D
Acq: 19 Nov 2021 15:53

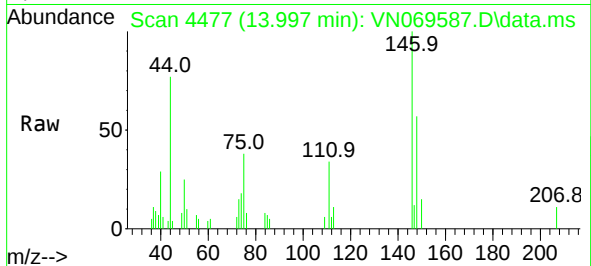
Tgt Ion: 117	Resp: 98
Ion Ratio	Lower Upper
117	100
201	0.0 43.9 131.6#



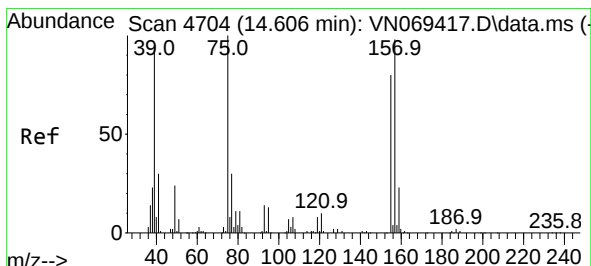
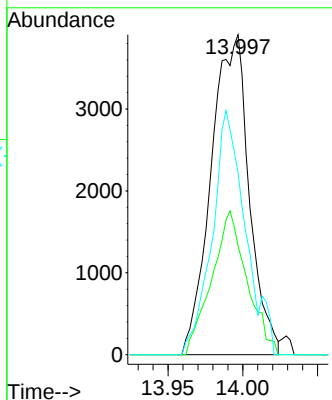
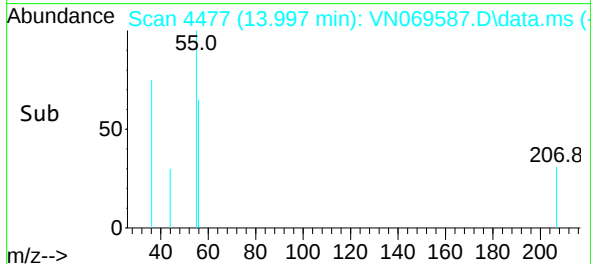


#91
1,2-Dichlorobenzene
Concen: 0.264 ug/l
RT: 13.997 min Scan# 4474
Delta R.T. 0.008 min
Lab File: VN069587.D
Acq: 19 Nov 2021 15:53

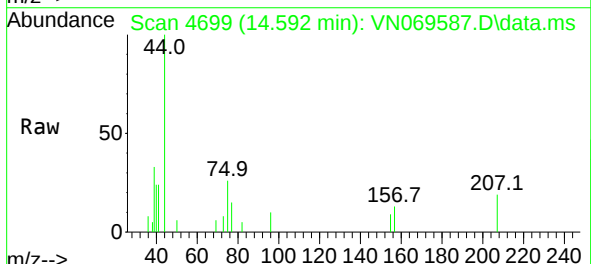
Instrument :
MSVOA_N
ClientSampleId :



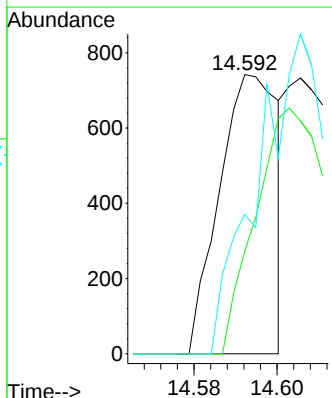
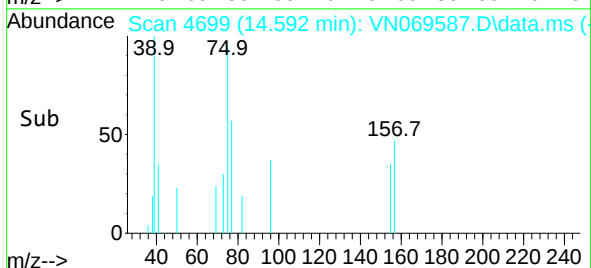
Tgt Ion:146 Resp: 6917
Ion Ratio Lower Upper
146 100
111 41.8 19.1 57.3
148 66.8 32.1 96.3

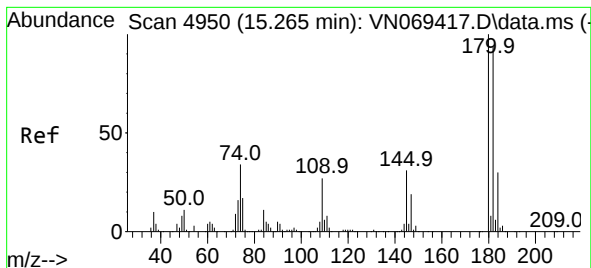


#92
1,2-Dibromo-3-Chloropropane
Concen: 1.956 ug/l
RT: 14.592 min Scan# 4699
Delta R.T. -0.014 min
Lab File: VN069587.D
Acq: 19 Nov 2021 15:53



Tgt Ion: 75 Resp: 720
Ion Ratio Lower Upper
75 100
155 112.9 46.9 140.7
157 171.3 60.6 181.7





#93

1,2,4-Trichlorobenzene

Concen: 3.903 ug/l

RT: 15.263 min Scan# 4950

Delta R.T. -0.002 min

Lab File: VN069587.D

Acq: 19 Nov 2021 15:53

Instrument :

MSVOA_N

ClientSampleId :

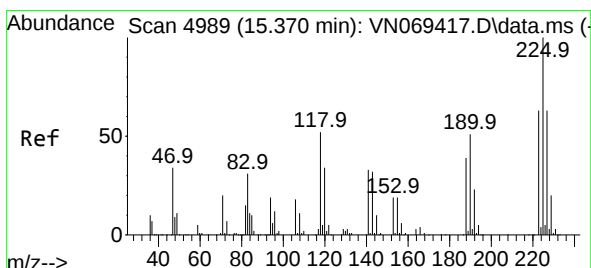
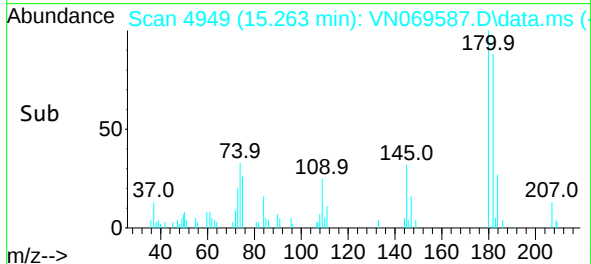
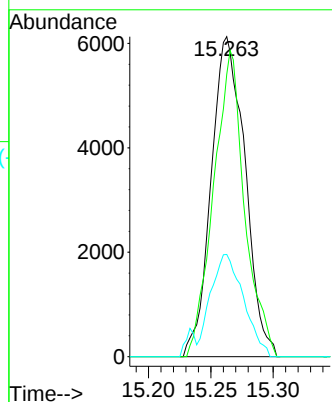
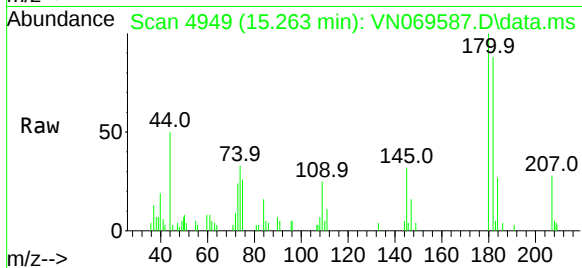
Tgt Ion:180 Resp: 11579

Ion Ratio Lower Upper

180 100

182 87.8 48.3 144.9

145 31.2 14.5 43.5



#94

Hexachlorobutadiene

Concen: 0.228 ug/l

RT: 15.370 min Scan# 4989

Delta R.T. -0.000 min

Lab File: VN069587.D

Acq: 19 Nov 2021 15:53

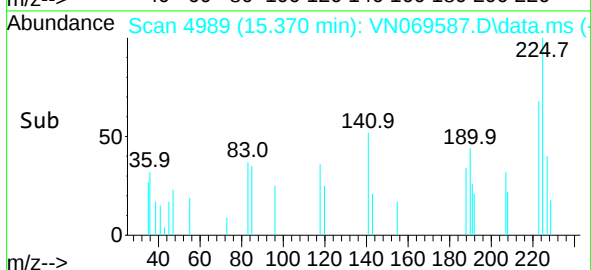
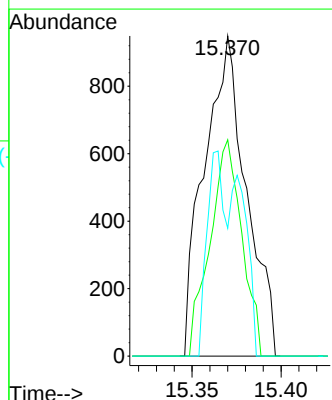
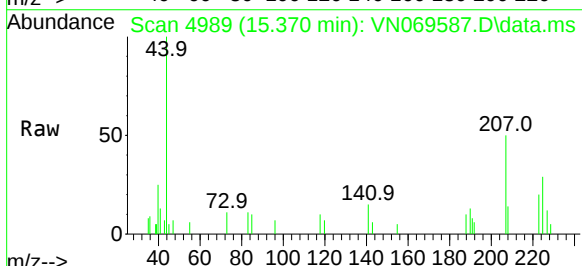
Tgt Ion:225 Resp: 1553

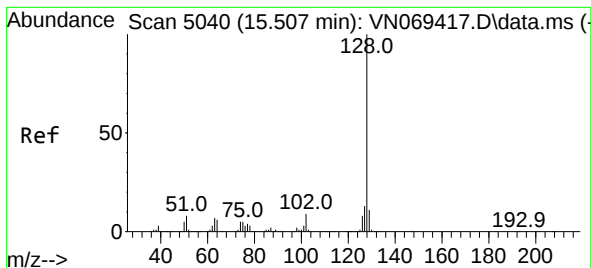
Ion Ratio Lower Upper

225 100

223 51.4 31.9 95.7

227 22.5 32.1 96.3#





#95

Naphthalene

Concen: 5.477 ug/l

RT: 15.507 min Scan# 5040

Delta R.T. -0.000 min

Lab File: VN069587.D

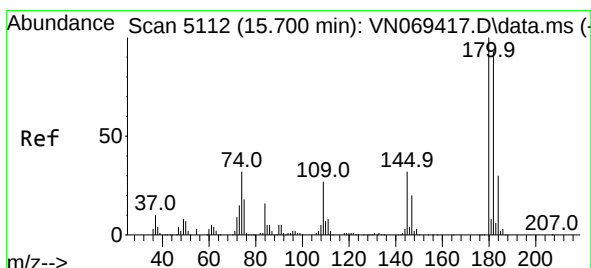
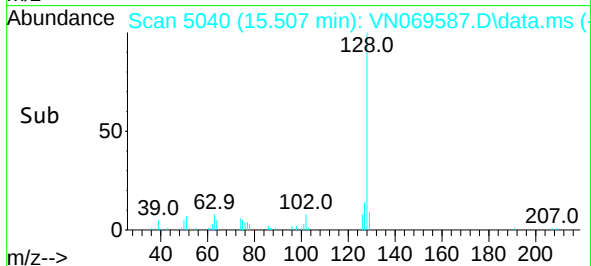
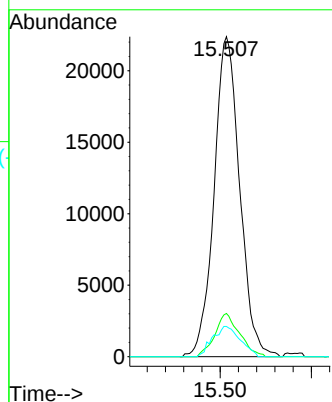
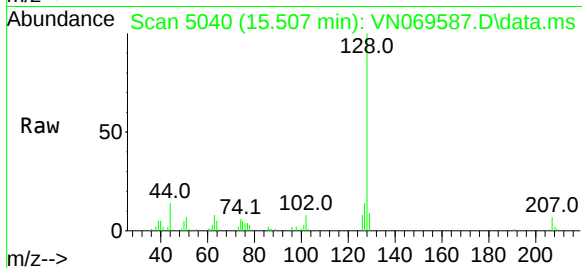
Acq: 19 Nov 2021 15:53

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:128	Resp:	43655
Ion Ratio	Lower	Upper
128	100	
127	13.0	10.5 15.7
129	10.2	8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 4.031 ug/l

RT: 15.703 min Scan# 5113

Delta R.T. 0.003 min

Lab File: VN069587.D

Acq: 19 Nov 2021 15:53

Tgt Ion:180	Resp:	12091
Ion Ratio	Lower	Upper
180	100	
182	96.7	47.4 142.2
145	36.6	15.0 45.1

