

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122121\
 Data File : VN070269.D
 Acq On : 21 Dec 2021 15:53
 Operator : JC/MD
 Sample : M5039-08DL 20X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 21 20:11:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.085	168	869292	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1454577	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1296976	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	529802	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	711622	53.020	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 106.040%	
35) Dibromofluoromethane	8.021	113	466731	51.226	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 102.460%	
50) Toluene-d8	10.440	98	1836358	50.195	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 100.400%	
62) 4-Bromofluorobenzene	12.731	95	660860	49.862	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 99.720%	
Target Compounds						Qvalue
11) Tert butyl alcohol	5.377	59	138921	54.757	ug/l	100
13) Acrolein	3.987	56	7110	3.291	ug/l #	1
14) Allyl chloride	4.956	41	38939	2.087	ug/l #	14
15) Acrylonitrile	5.613	53	10333	1.511	ug/l #	24
16) Acetone	4.296	43	45571	5.644	ug/l	92
18) Methyl Acetate	4.931	43	10391	0.426	ug/l #	51
19) Methyl tert-butyl Ether	5.615	73	1509597	46.887	ug/l #	90
20) Methylene Chloride	5.087	84	2569	0.239	ug/l	96
22) Diisopropyl ether	6.495	45	17475	0.479	ug/l #	81
25) 2-Butanone	7.343	43	21798	1.987	ug/l	91
31) Cyclohexane	8.094	56	95188	5.096	ug/l #	82
36) 1,1-Dichloropropene	8.085	75	71760	5.182	ug/l #	45
37) Ethyl Acetate	7.343	43	21798	1.058	ug/l #	69
38) Carbon Tetrachloride	8.085	117	86919	6.401	ug/l #	16
39) Methylcyclohexane	9.459	83	42444	2.577	ug/l	93
40) Benzene	8.461	78	1983465	46.862	ug/l	99
43) Isopropyl Acetate	8.536	43	89297	2.928	ug/l #	55
48) Methyl methacrylate	9.636	41	5407	0.380	ug/l #	64
51) 4-Methyl-2-Pentanone	10.330	43	6022	0.304	ug/l	90
52) Toluene	10.505	92	4861122	188.122	ug/l	97
53) t-1,3-Dichloropropene	10.505	75	62946	6.295	ug/l #	1
55) 1,1,2-Trichloroethane	10.877	97	3597	0.345	ug/l #	19
56) Ethyl methacrylate	10.550	69	38290	4.137	ug/l #	43
58) 2-Chloroethyl Vinyl ether	10.038	63	288	18.439	ug/l #	45
59) 2-Hexanone	11.215	43	15013	1.003	ug/l	88
60) Dibromochloromethane	10.977	129	210	2.394	ug/l #	11
67) Ethyl Benzene	11.843	91	3485971	72.936	ug/l	96
68) m/p-Xylenes	11.953	106	4424796	254.263	ug/l	92
69) o-Xylene	12.280	106	2772429	158.162	ug/l	91
70) Styrene	12.280	104	141620	5.095	ug/l #	1
71) Bromoform	12.736	173	1583	2.920	ug/l #	1
73) Isopropylbenzene	12.578	105	330390	7.009	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.846	83	3340	0.205	ug/l #	44
76) 1,2,3-Trichloropropane	12.983	75	23527	1.548	ug/l #	1
78) n-propylbenzene	12.921	91	617001	11.763	ug/l	95
79) 2-Chlorotoluene	12.983	91	292993	8.840	ug/l #	39

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

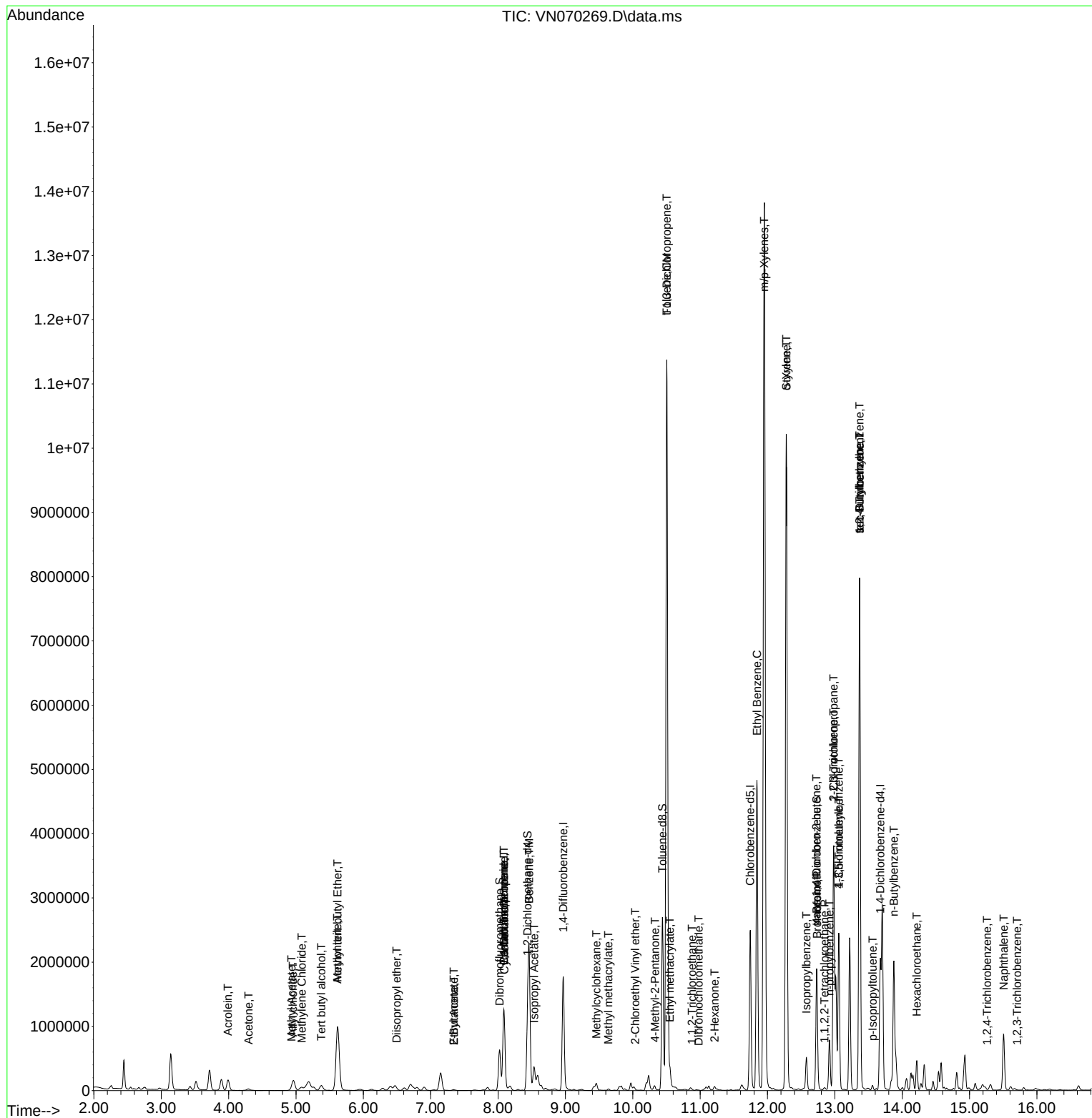
80) 1,3,5-Trimethylbenzene	13.058	105	1375042	36.242	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.728	75	362955	75.896	ug/l #	5
82) 4-Chlorotoluene	13.058	91	150991	4.844	ug/l #	38
83) tert-Butylbenzene	13.366	119	557413	16.592	ug/l #	60
84) 1,2,4-Trimethylbenzene	13.366	105	4613857	127.692	ug/l	98
85) sec-Butylbenzene	13.366	105	4613857	101.251	ug/l #	56
86) p-Isopropyltoluene	13.559	119	39448	1.108	ug/l #	78
89) n-Butylbenzene	13.876	91	245808	8.507	ug/l #	52
90) Hexachloroethane	14.216	117	24532	3.923	ug/l #	6
93) 1,2,4-Trichlorobenzene	15.262	180	690	2.953	ug/l #	62
95) Naphthalene	15.507	128	791477	32.118	ug/l	100
96) 1,2,3-Trichlorobenzene	15.705	180	756	2.520	ug/l #	46

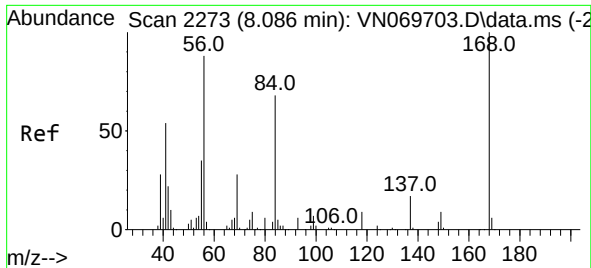
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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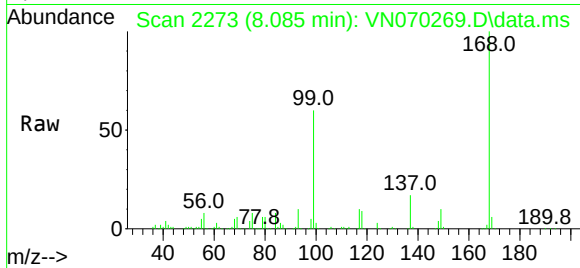
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Quant Title : SW846 8260
QLast Update : Fri Dec 03 08:46:47 2021
Response via : Initial Calibration



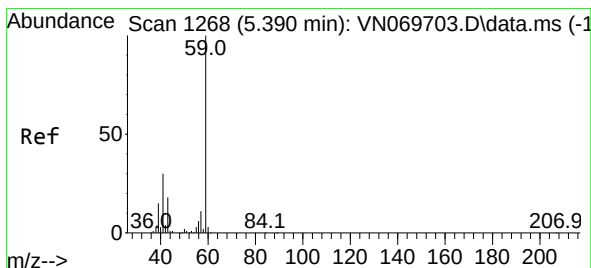
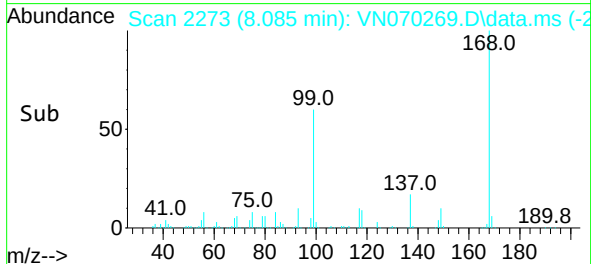
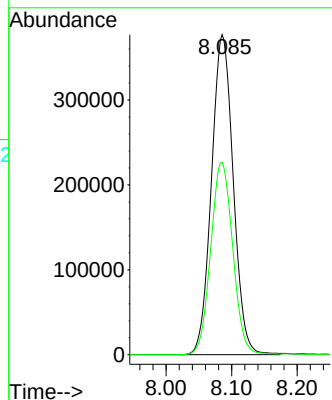


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.085 min Scan# 21
Delta R.T. -0.001 min
Lab File: VN070269.D
Acq: 21 Dec 2021 15:53

Instrument :
MSVOA_N
ClientSampleId :

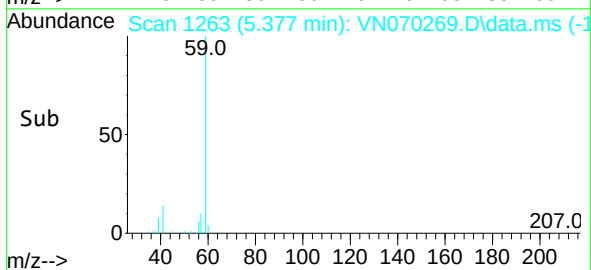
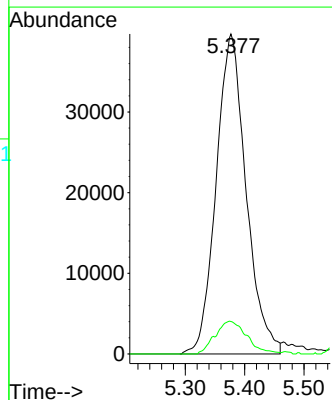
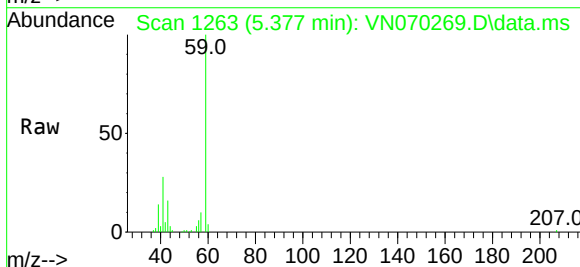


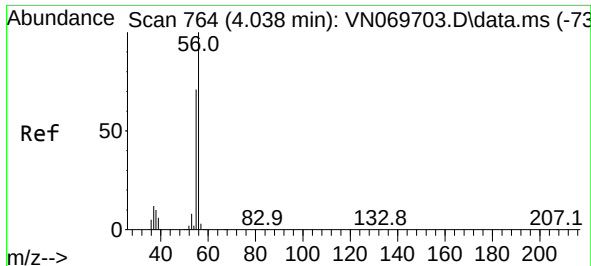
Tgt Ion:168 Resp: 869292
Ion Ratio Lower Upper
168 100
99 60.2 41.3 61.9



#11
Tert butyl alcohol
Concen: 54.757 ug/l
RT: 5.377 min Scan# 1263
Delta R.T. -0.013 min
Lab File: VN070269.D
Acq: 21 Dec 2021 15:53

Tgt Ion: 59 Resp: 138921
Ion Ratio Lower Upper
59 100
57 10.9 8.7 13.1

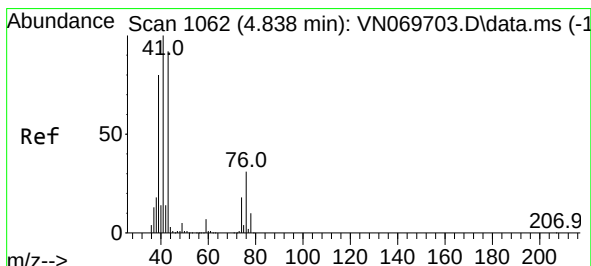
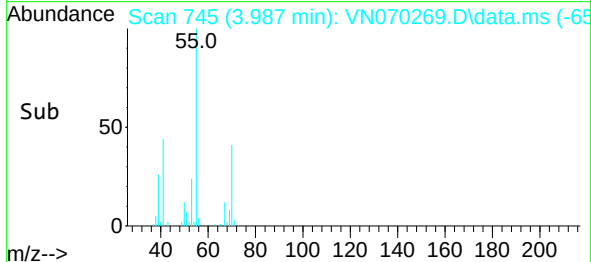
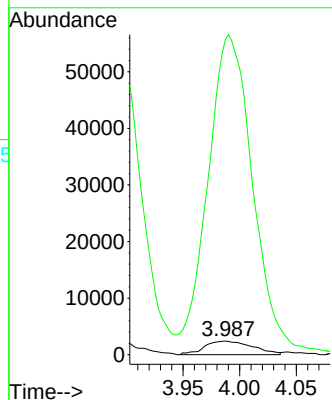
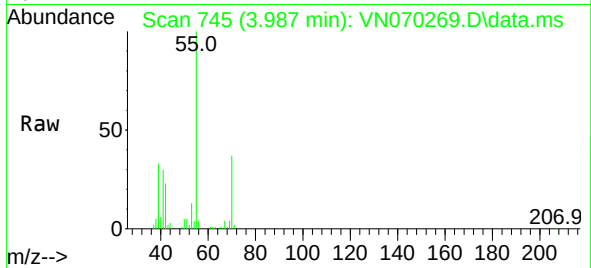




#13
Acrolein
Concen: 3.291 ug/l
RT: 3.987 min Scan# 74
Delta R.T. -0.051 min
Lab File: VN070269.D
Acq: 21 Dec 2021 15:53

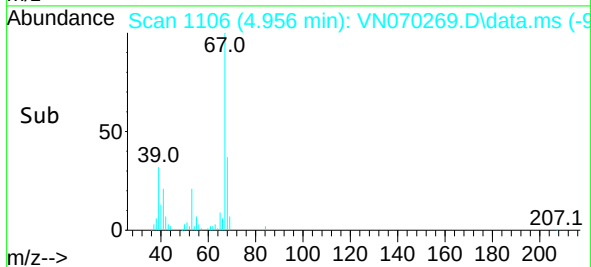
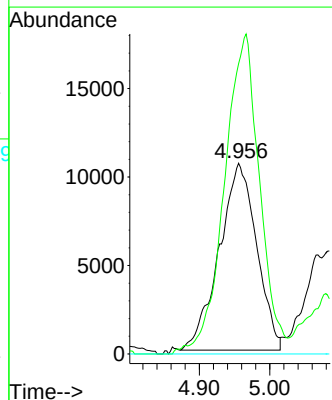
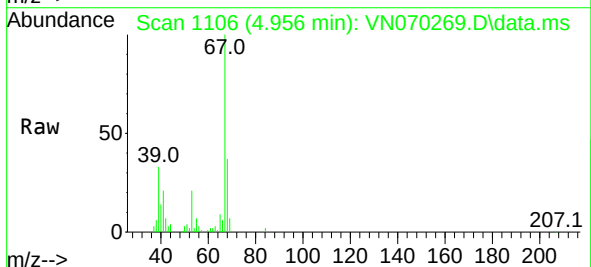
Instrument :
MSVOA_N
ClientSampleId :

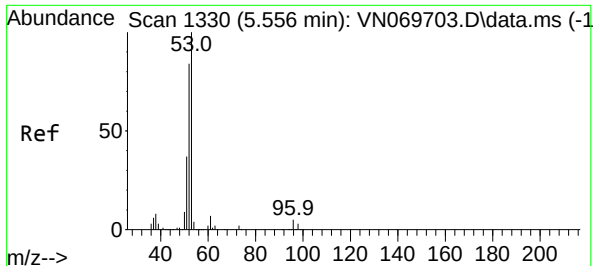
Tgt Ion: 56 Resp: 7110
Ion Ratio Lower Upper
56 100
55 2143.8 56.6 85.0#



#14
Allyl chloride
Concen: 2.087 ug/l
RT: 4.956 min Scan# 1106
Delta R.T. 0.118 min
Lab File: VN070269.D
Acq: 21 Dec 2021 15:53

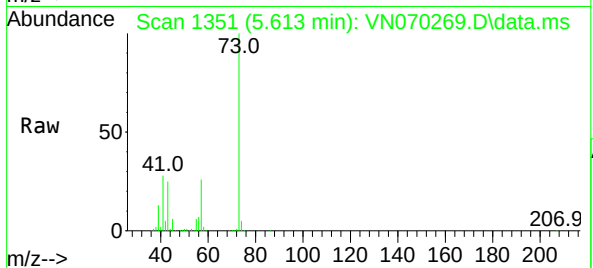
Tgt Ion: 41 Resp: 38939
Ion Ratio Lower Upper
41 100
39 160.6 61.2 91.8#
76 0.0 26.0 39.0#



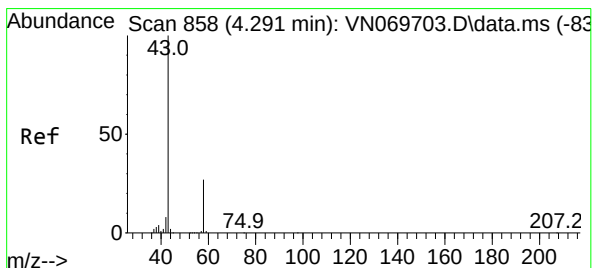
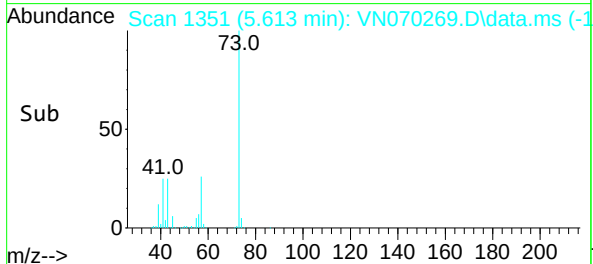
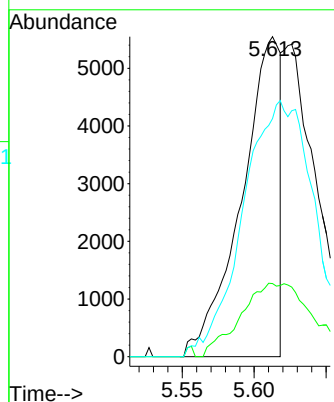


#15
Acrylonitrile
Concen: 1.511 ug/l
RT: 5.613 min Scan# 11
Delta R.T. 0.056 min
Lab File: VN070269.D
Acq: 21 Dec 2021 15:53

Instrument :
MSVOA_N
ClientSampleId :

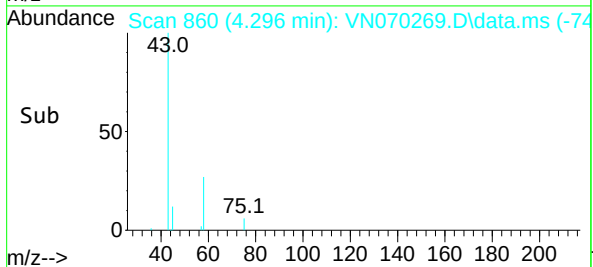
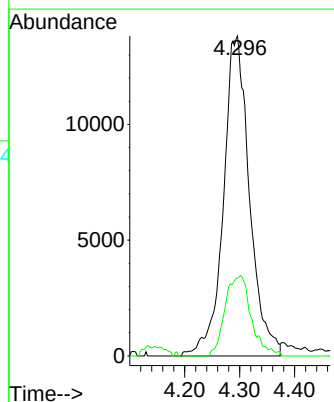
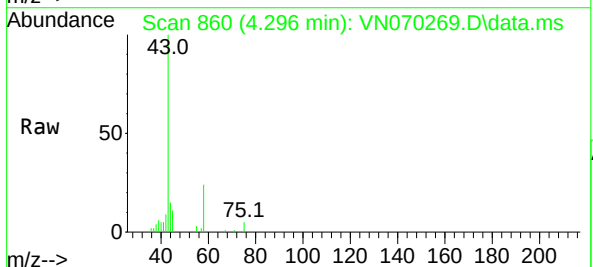


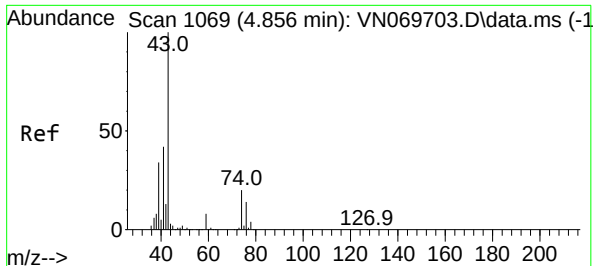
Tgt Ion: 53 Resp: 10333
Ion Ratio Lower Upper
53 100
52 21.9 66.2 99.2#
51 92.6 29.6 44.4#



#16
Acetone
Concen: 5.644 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.005 min
Lab File: VN070269.D
Acq: 21 Dec 2021 15:53

Tgt Ion: 43 Resp: 45571
Ion Ratio Lower Upper
43 100
58 24.4 23.1 34.7





#18

Methyl Acetate

Concen: 0.426 ug/l

RT: 4.931 min Scan# 1097

Delta R.T. 0.075 min

Lab File: VN070269.D

Acq: 21 Dec 2021 15:53

Instrument :

MSVOA_N

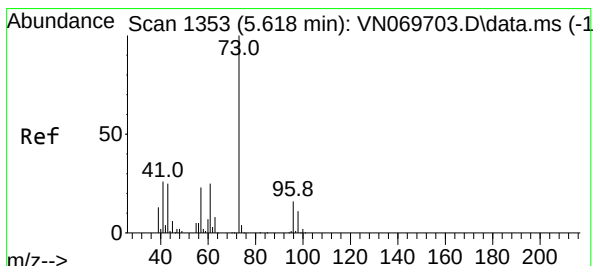
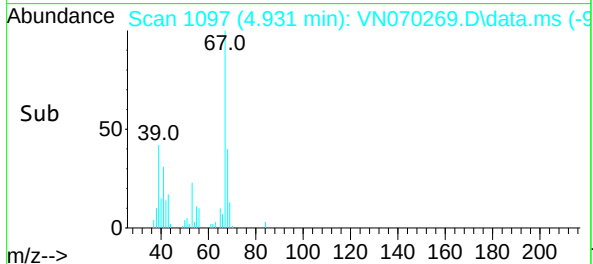
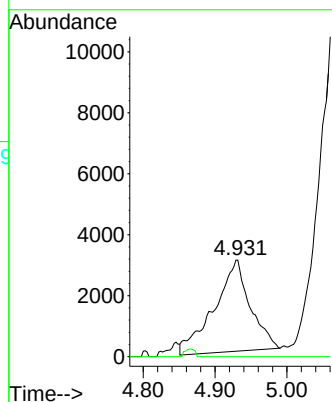
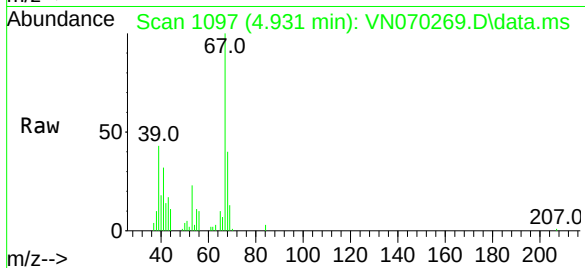
ClientSampleId :

Tgt Ion: 43 Resp: 10391

Ion Ratio Lower Upper

43 100

74 0.0 19.4 29.2#



#19

Methyl tert-butyl Ether

Concen: 46.887 ug/l

RT: 5.615 min Scan# 1352

Delta R.T. -0.003 min

Lab File: VN070269.D

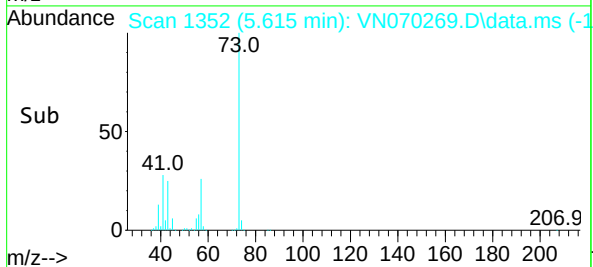
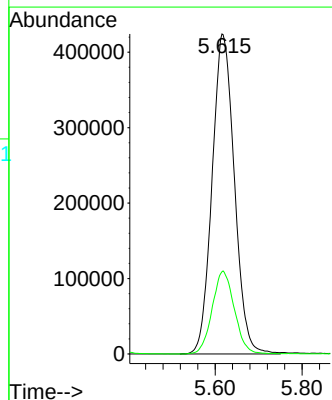
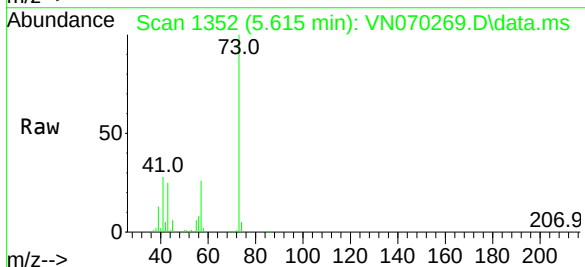
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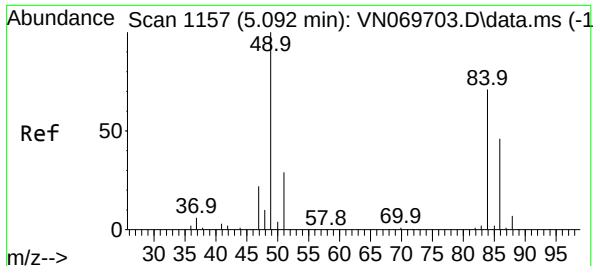
Tgt Ion: 73 Resp: 1509597

Ion Ratio Lower Upper

73 100

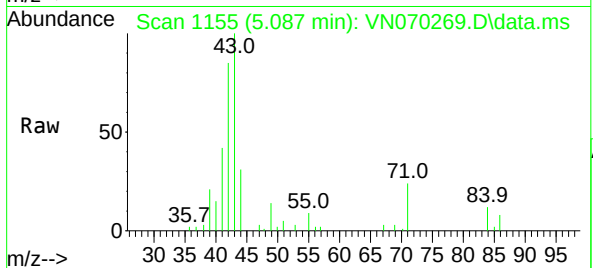
57 25.7 16.8 25.2#



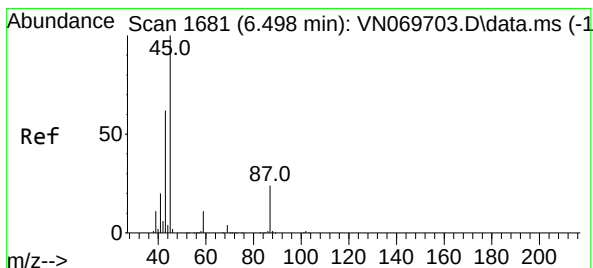
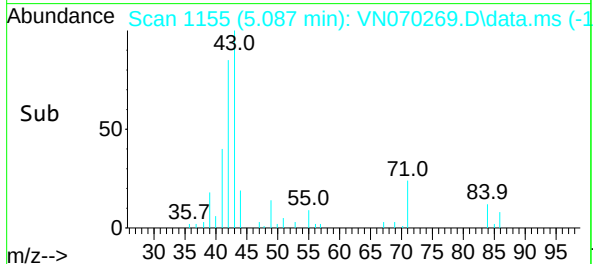
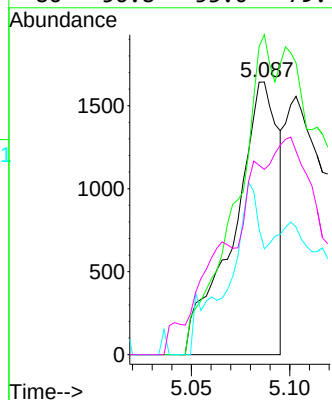


#20
Methylene Chloride
Concen: 0.239 ug/l
RT: 5.087 min Scan# 1155
Delta R.T. -0.005 min
Lab File: VN070269.D
Acq: 21 Dec 2021 15:53

Instrument :
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ClientSampleId :

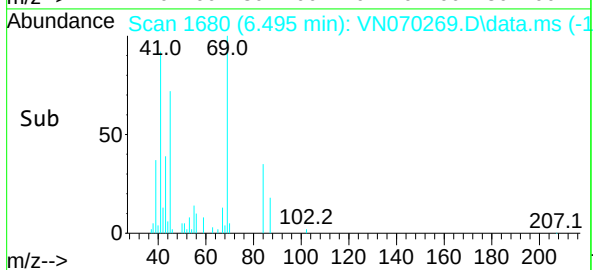
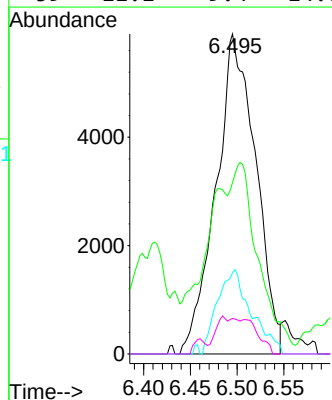
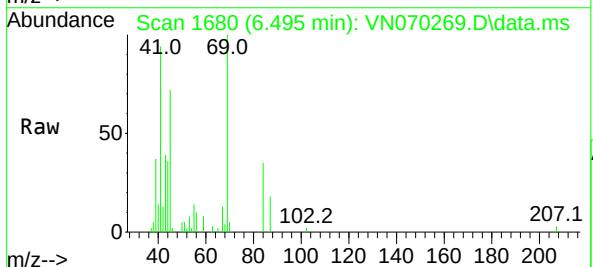


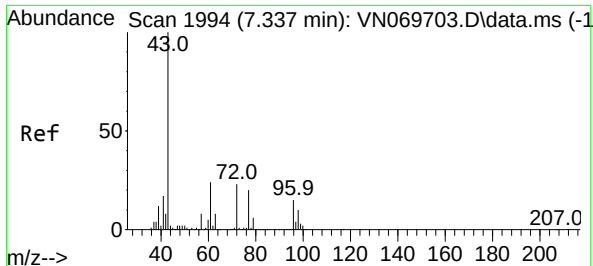
Tgt Ion: 84	Resp: 2569
Ion Ratio	Lower Upper
84 100	
49 117.3	93.5 140.3
51 38.8	29.4 44.2
86 56.8	53.0 79.4



#22
Diisopropyl ether
Concen: 0.479 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. -0.003 min
Lab File: VN070269.D
Acq: 21 Dec 2021 15:53

Tgt	Ion: 45	Resp:	17475
Ion	Ratio	Lower	Upper
45	100		
43	43.5	51.7	77.5#
87	25.3	23.2	34.8
59	11.1	9.4	14.0





#25

2-Butanone

Concen: 1.987 ug/l

RT: 7.343 min Scan# 1994

Delta R.T. 0.005 min

Lab File: VN070269.D

Acq: 21 Dec 2021 15:53

Instrument :

MSVOA_N

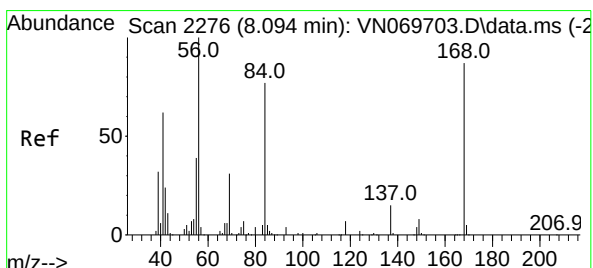
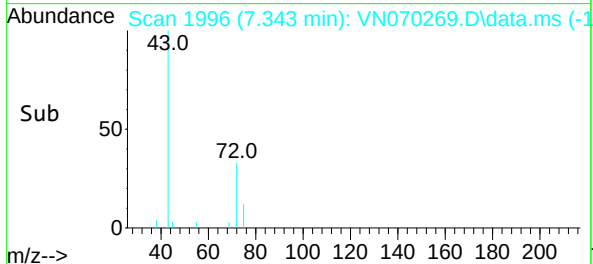
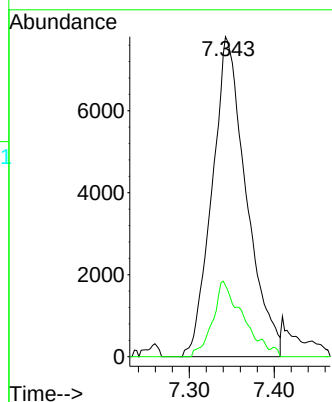
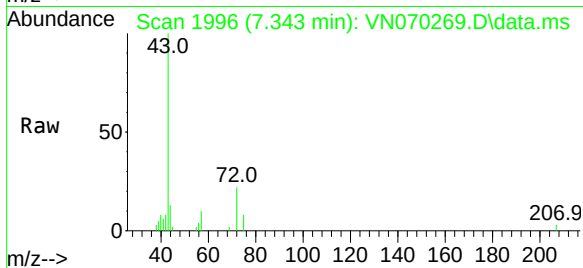
ClientSampleId :

Tgt Ion: 43 Resp: 21798

Ion Ratio Lower Upper

43 100

72 22.3 21.7 32.5



#31

Cyclohexane

Concen: 5.096 ug/l

RT: 8.094 min Scan# 2276

Delta R.T. -0.000 min

Lab File: VN070269.D

Acq: 21 Dec 2021 15:53

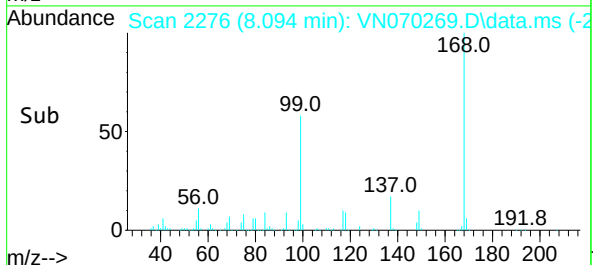
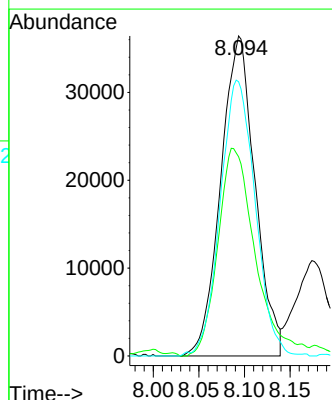
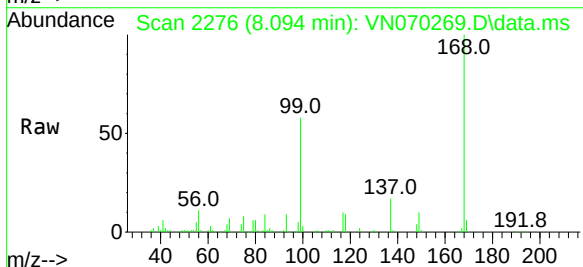
Tgt Ion: 56 Resp: 95188

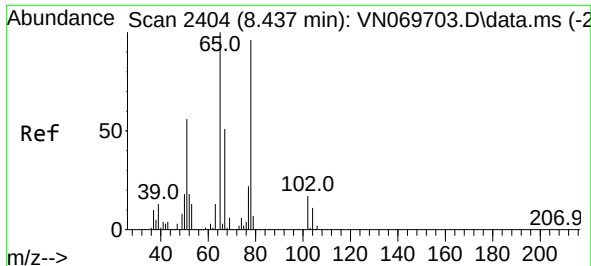
Ion Ratio Lower Upper

56 100

69 62.3 27.1 40.7#

84 85.7 73.4 110.0





#33

1,2-Dichloroethane-d4

Concen: 53.020 ug/l

RT: 8.437 min Scan# 24

Delta R.T. -0.000 min

Lab File: VN070269.D

Acq: 21 Dec 2021 15:53

Instrument :

MSVOA_N

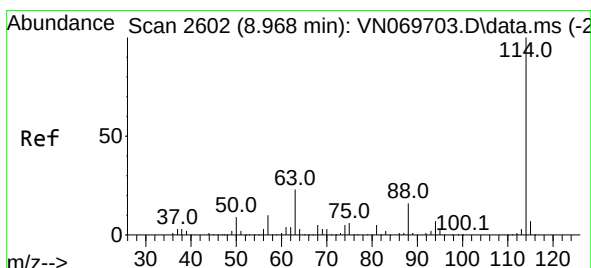
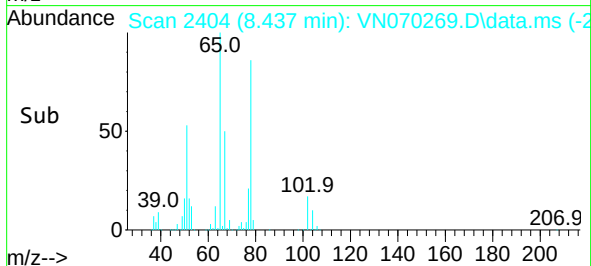
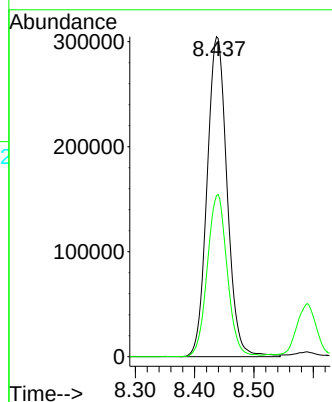
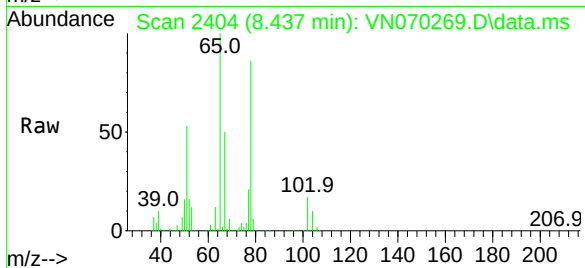
ClientSampleId :

Tgt Ion: 65 Resp: 711622

Ion Ratio Lower Upper

65 100

67 50.4 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: VN070269.D

Acq: 21 Dec 2021 15:53

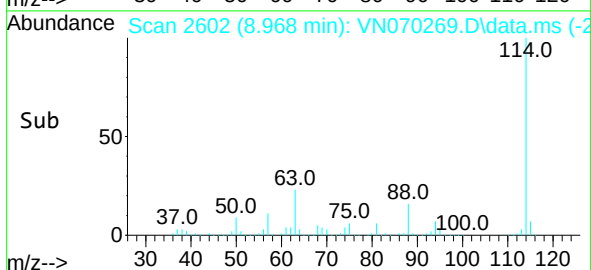
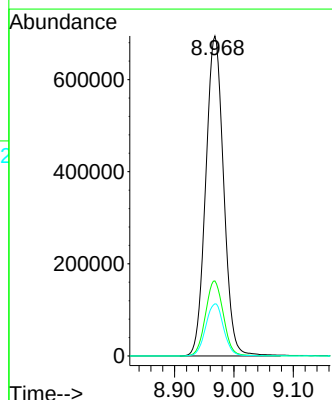
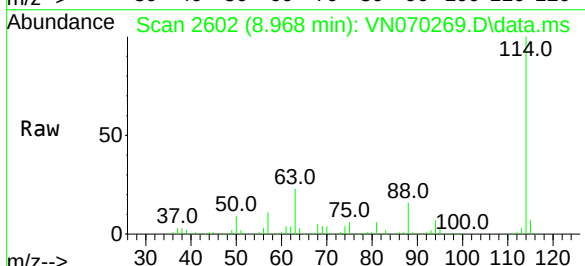
Tgt Ion: 114 Resp: 1454577

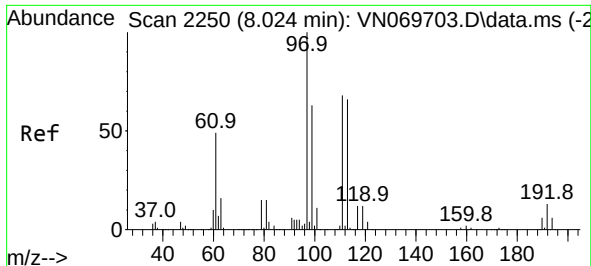
Ion Ratio Lower Upper

114 100

63 23.4 0.0 37.8

88 16.3 0.0 27.4

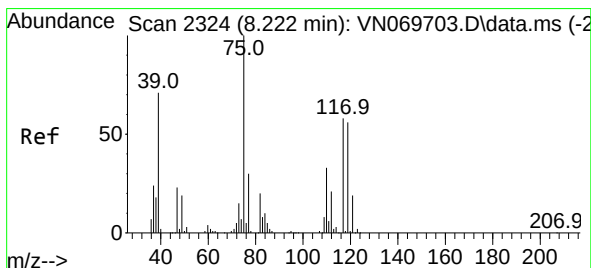
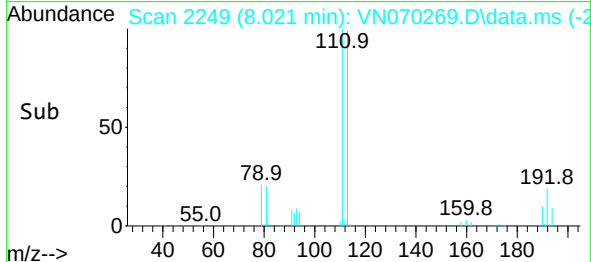
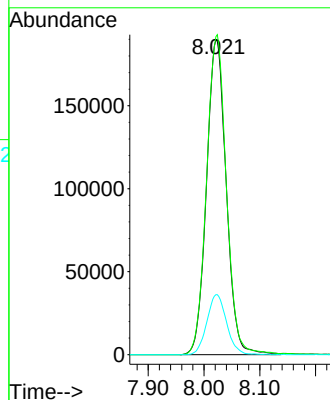
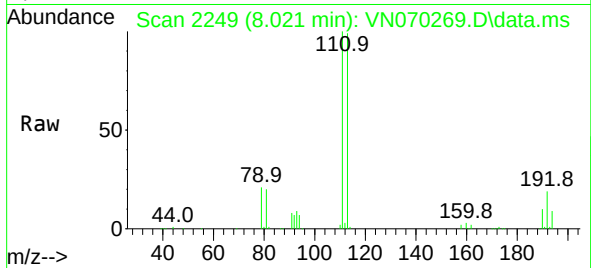




#35
Dibromofluoromethane
Concen: 51.226 ug/l
RT: 8.021 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070269.D
Acq: 21 Dec 2021 15:53

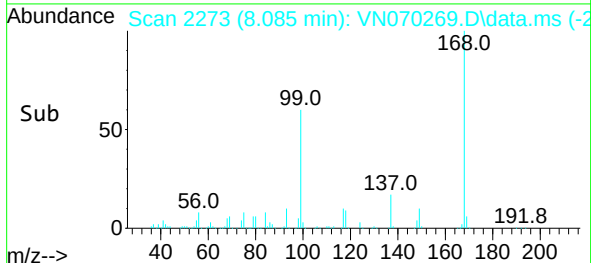
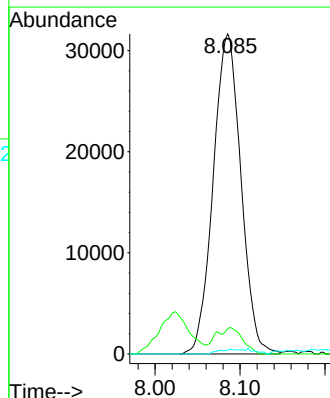
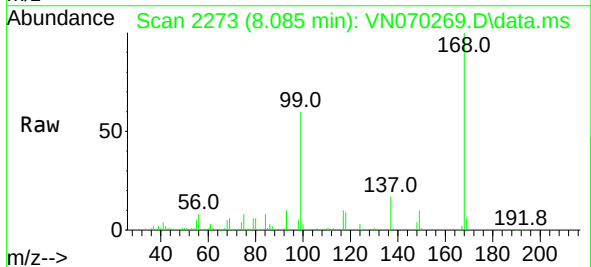
Instrument :
MSVOA_N
ClientSampleId :

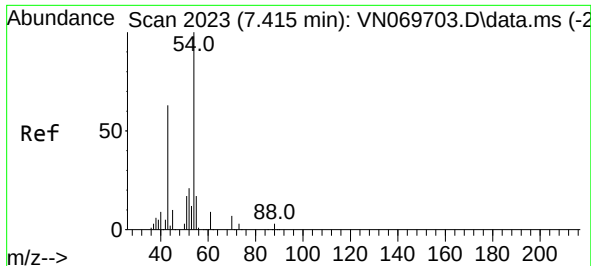
Tgt Ion:113 Resp: 466731
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.2
192 19.0 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.182 ug/l
RT: 8.085 min Scan# 2273
Delta R.T. -0.137 min
Lab File: VN070269.D
Acq: 21 Dec 2021 15:53

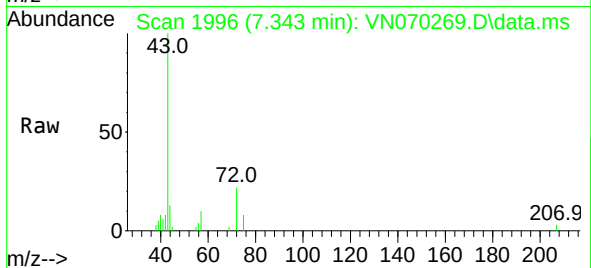
Tgt Ion: 75 Resp: 71760
Ion Ratio Lower Upper
75 100
110 5.1 18.4 55.2#
77 0.0 24.4 36.6#



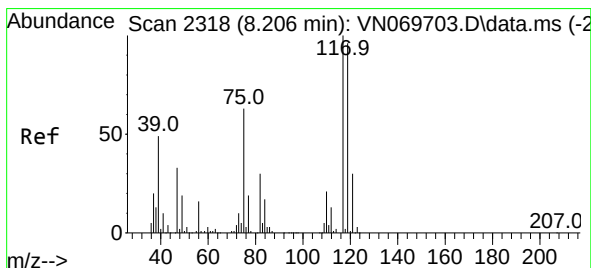
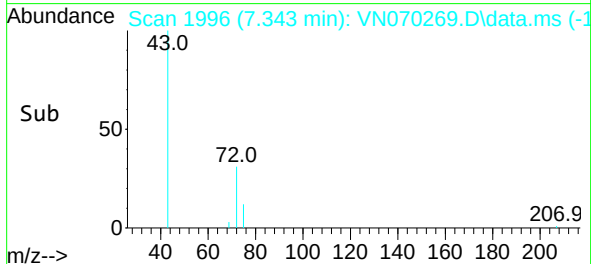
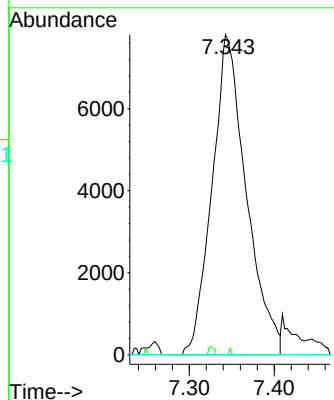


#37
Ethyl Acetate
Concen: 1.058 ug/l
RT: 7.343 min Scan# 1996
Delta R.T. -0.072 min
Lab File: VN070269.D
Acq: 21 Dec 2021 15:53

Instrument :
MSVOA_N
ClientSampleId :

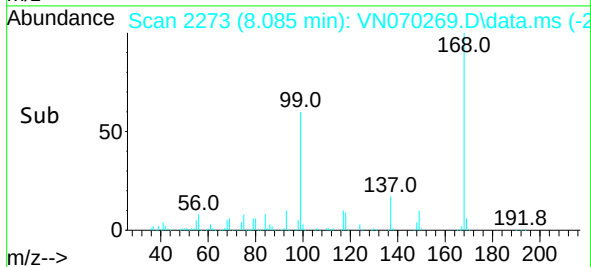
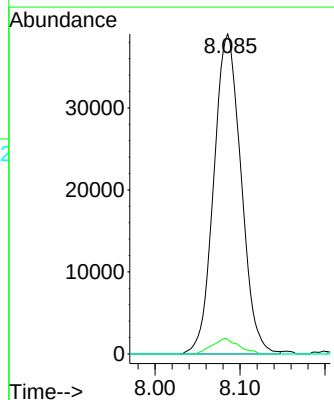
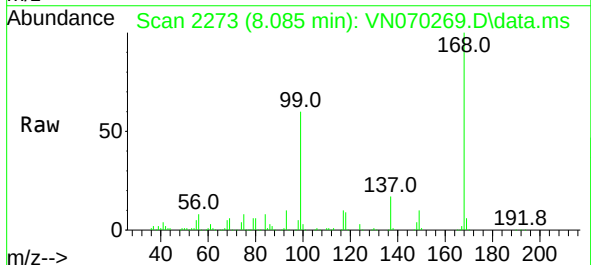


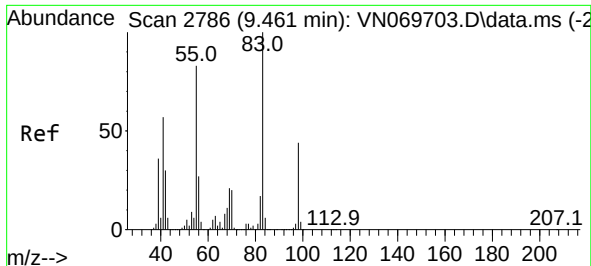
Tgt Ion: 43 Resp: 21798
Ion Ratio Lower Upper
43 100
61 0.4 11.5 17.3#
70 0.0 7.9 11.9#



#38
Carbon Tetrachloride
Concen: 6.401 ug/l
RT: 8.085 min Scan# 2273
Delta R.T. -0.121 min
Lab File: VN070269.D
Acq: 21 Dec 2021 15:53

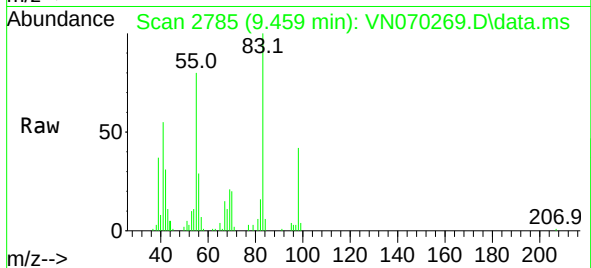
Tgt Ion: 117 Resp: 86919
Ion Ratio Lower Upper
117 100
119 4.6 76.1 114.1#
121 0.0 24.2 36.2#



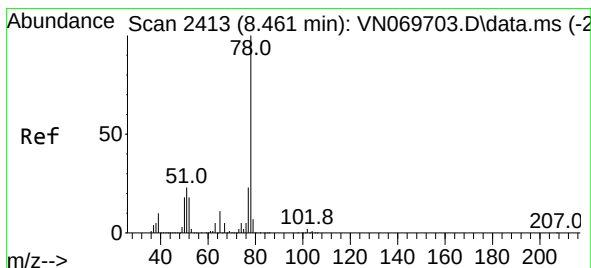
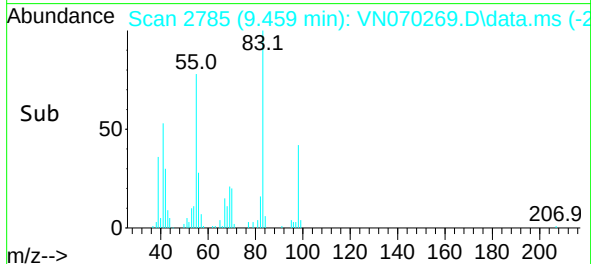
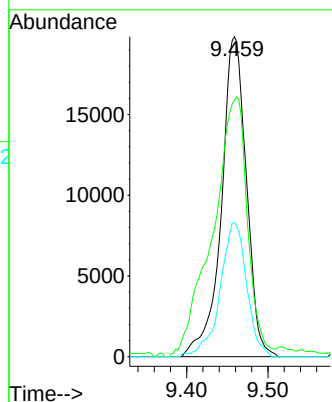


#39
Methylcyclohexane
Concen: 2.577 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070269.D
Acq: 21 Dec 2021 15:53

Instrument :
MSVOA_N
ClientSampleId :

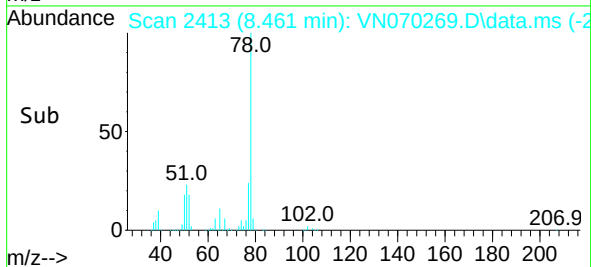
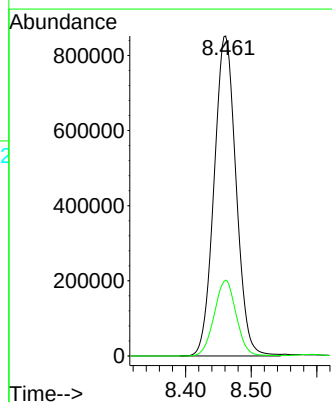
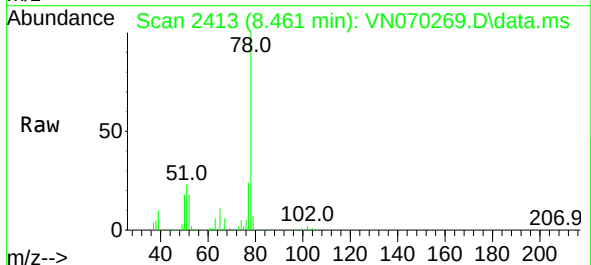


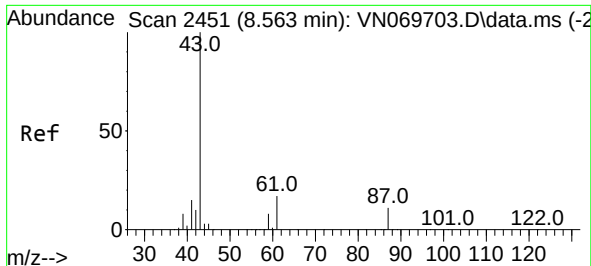
Tgt Ion: 83 Resp: 42444
Ion Ratio Lower Upper
83 100
55 77.0 58.1 87.1
98 41.9 38.4 57.6



#40
Benzene
Concen: 46.862 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. -0.000 min
Lab File: VN070269.D
Acq: 21 Dec 2021 15:53

Tgt Ion: 78 Resp: 1983465
Ion Ratio Lower Upper
78 100
77 23.7 18.6 27.8

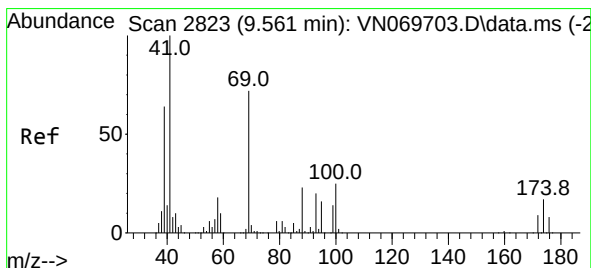
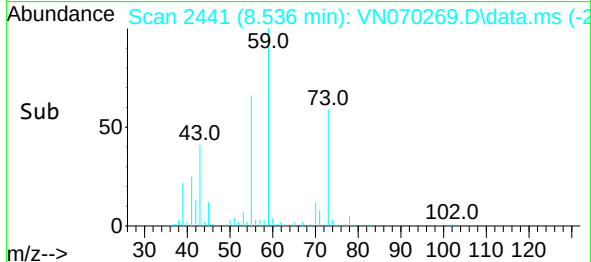
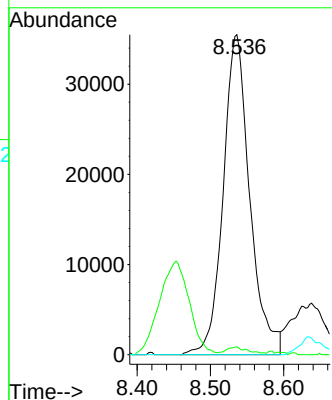
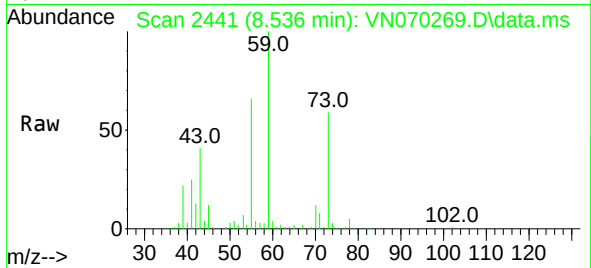




#43
Isopropyl Acetate
Concen: 2.928 ug/l
RT: 8.536 min Scan# 2451
Delta R.T. -0.027 min
Lab File: VN070269.D
Acq: 21 Dec 2021 15:53

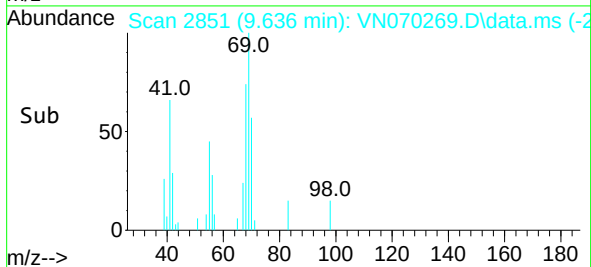
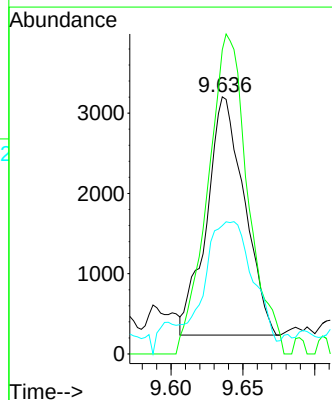
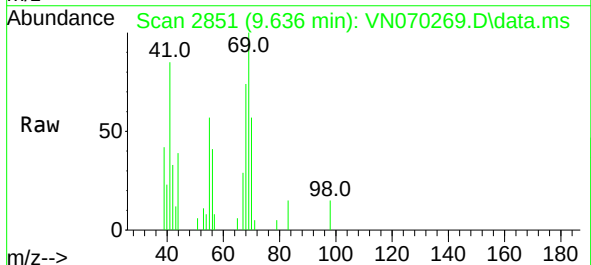
Instrument :
MSVOA_N
ClientSampleId :

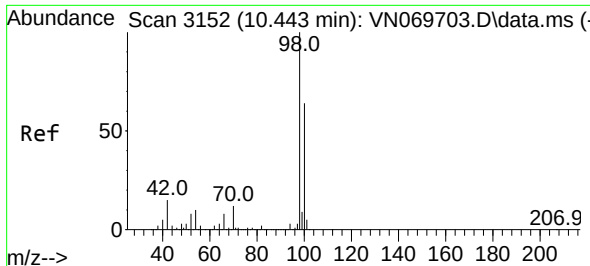
Tgt Ion: 43 Resp: 89297
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 11.2 16.8#



#48
Methyl methacrylate
Concen: 0.380 ug/l
RT: 9.636 min Scan# 2851
Delta R.T. 0.075 min
Lab File: VN070269.D
Acq: 21 Dec 2021 15:53

Tgt Ion: 41 Resp: 5407
Ion Ratio Lower Upper
41 100
69 143.0 72.4 108.6#
39 63.8 58.4 87.6

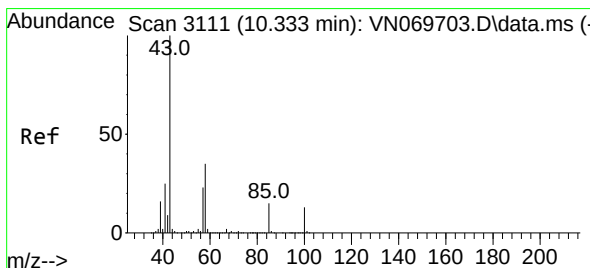
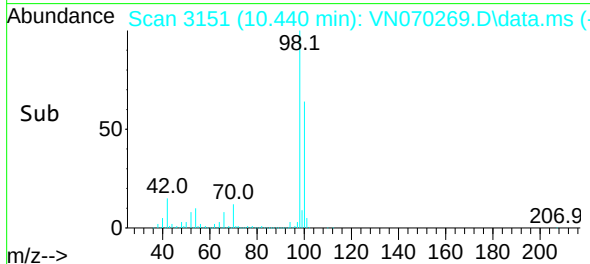
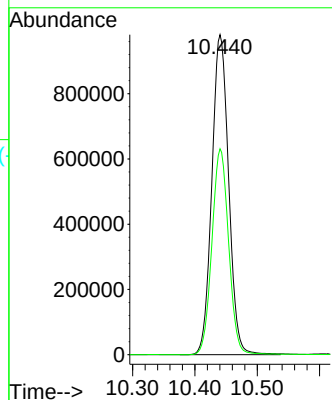
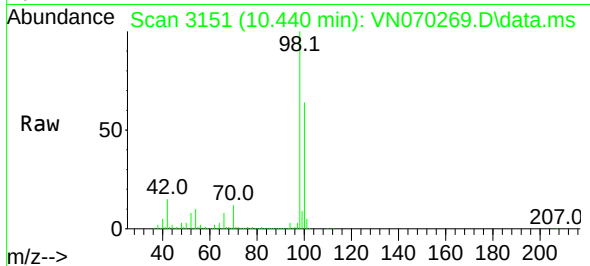




#50
Toluene-d8
Concen: 50.195 ug/l
RT: 10.440 min Scan# 3152
Delta R.T. -0.003 min
Lab File: VN070269.D
Acq: 21 Dec 2021 15:53

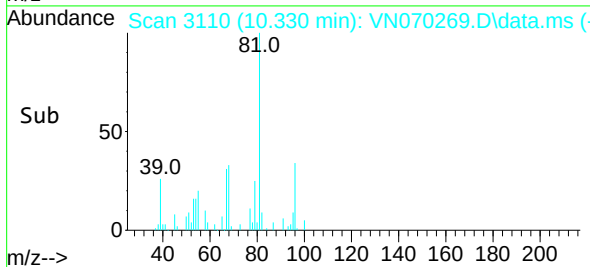
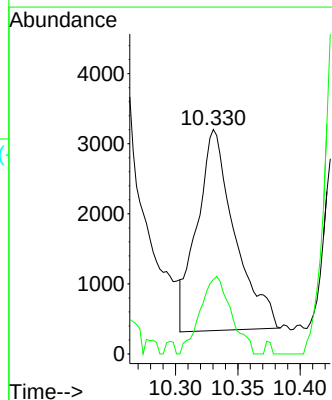
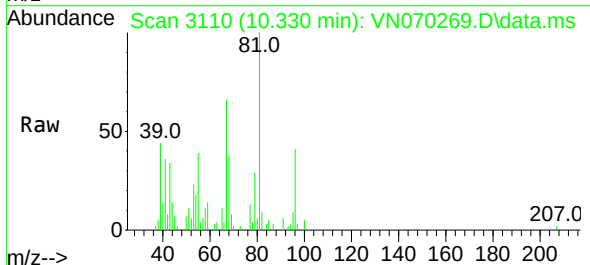
Instrument :
MSVOA_N
ClientSampleId :

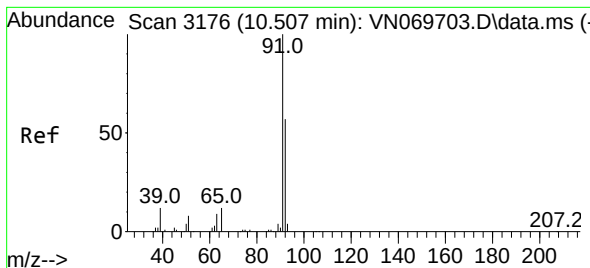
Tgt Ion: 98 Resp: 1836358
Ion Ratio Lower Upper
98 100
100 64.0 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 0.304 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. -0.003 min
Lab File: VN070269.D
Acq: 21 Dec 2021 15:53

Tgt Ion: 43 Resp: 6022
Ion Ratio Lower Upper
43 100
58 31.8 30.4 45.6





#52

Toluene

Concen: 188.122 ug/l

RT: 10.505 min Scan# 3175

Delta R.T. -0.003 min

Lab File: VN070269.D

Acq: 21 Dec 2021 15:53

Instrument :

MSVOA_N

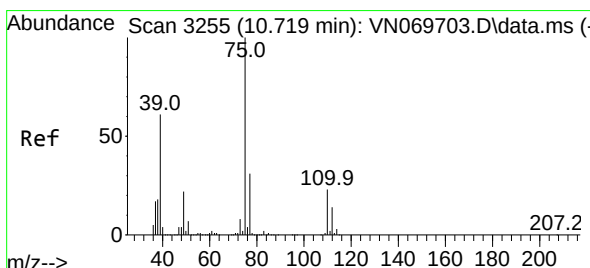
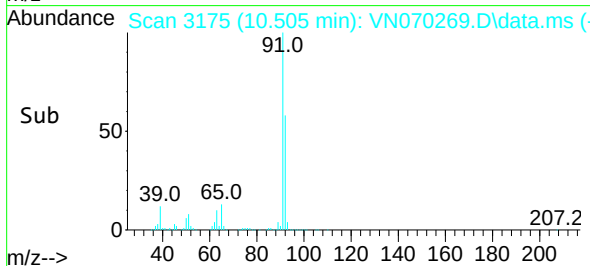
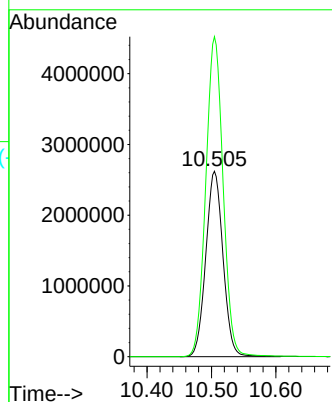
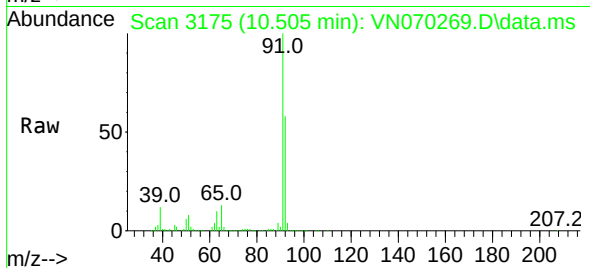
ClientSampleId :

Tgt Ion: 92 Resp: 4861122

Ion Ratio Lower Upper

92 100

91 174.0 142.0 213.0



#53

t-1,3-Dichloropropene

Concen: 6.295 ug/l

RT: 10.505 min Scan# 3175

Delta R.T. -0.214 min

Lab File: VN070269.D

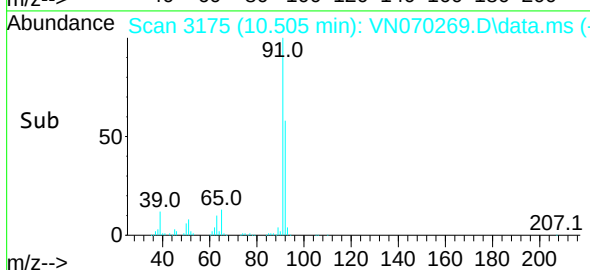
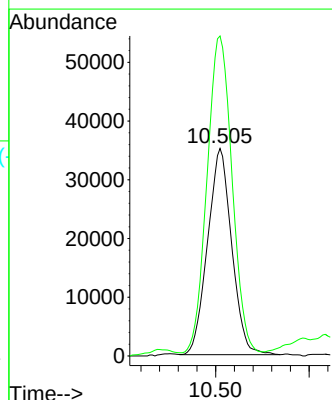
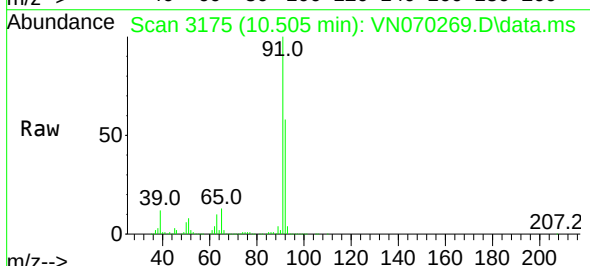
Acq: 21 Dec 2021 15:53

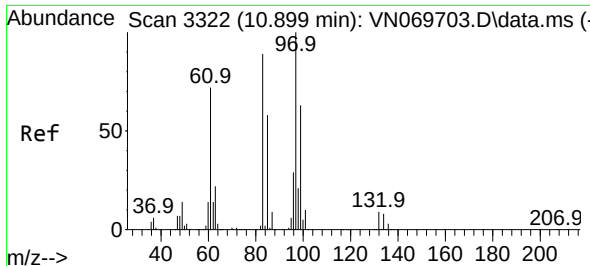
Tgt Ion: 75 Resp: 62946

Ion Ratio Lower Upper

75 100

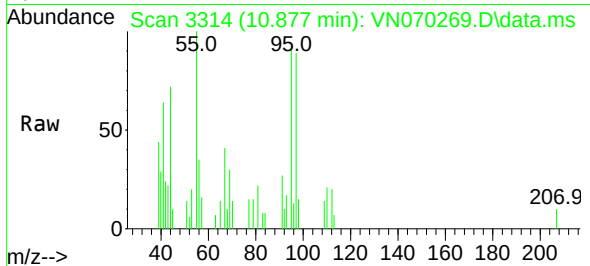
77 153.6 25.6 38.4#



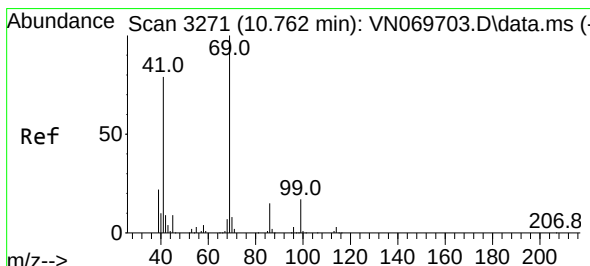
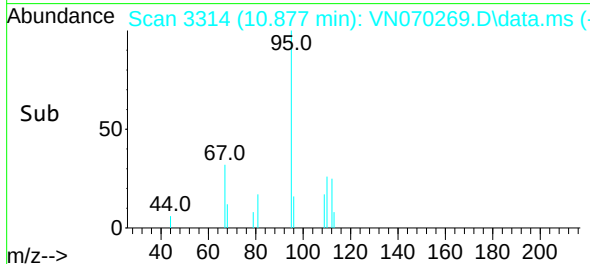
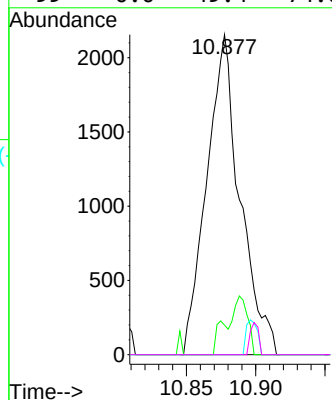


#55
1,1,2-Trichloroethane
Concen: 0.345 ug/l
RT: 10.877 min Scan# 3192
Delta R.T. -0.021 min
Lab File: VN070269.D
Acq: 21 Dec 2021 15:53

Instrument :
MSVOA_N
ClientSampleId :

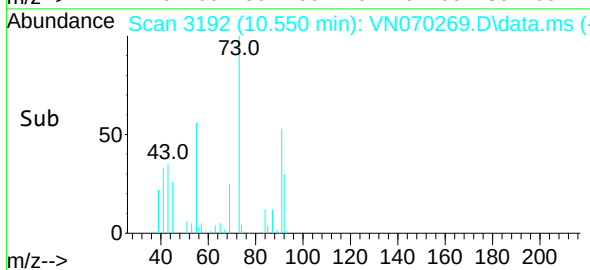
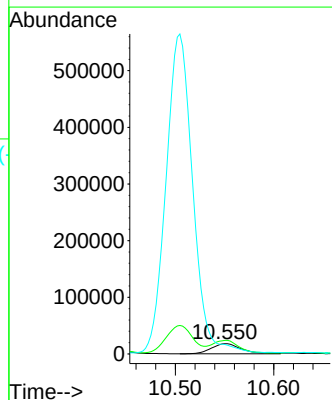
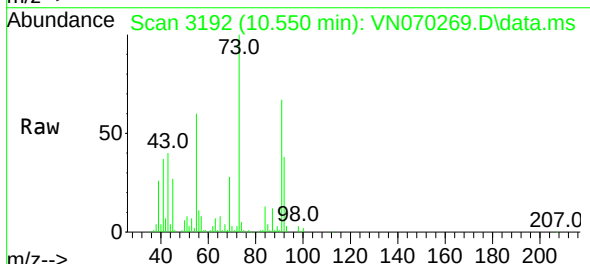


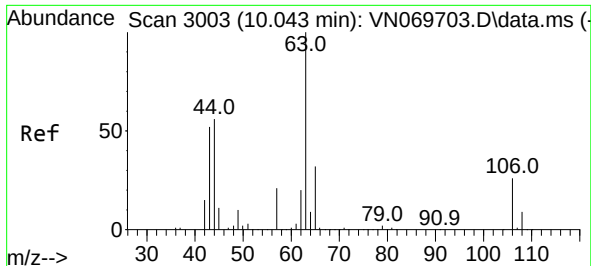
Tgt Ion	Ratio	Lower	Upper
97	100		
83	9.2	67.8	101.6#
85	0.0	45.4	68.2#
99	0.0	49.4	74.0#



#56
Ethyl methacrylate
Concen: 4.137 ug/l
RT: 10.550 min Scan# 3192
Delta R.T. -0.212 min
Lab File: VN070269.D
Acq: 21 Dec 2021 15:53

Tgt Ion	Ratio	Lower	Upper
69	100		
41	103.1	51.4	77.0#
39	0.0	34.6	52.0#

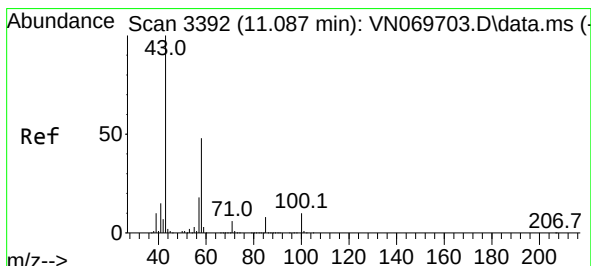
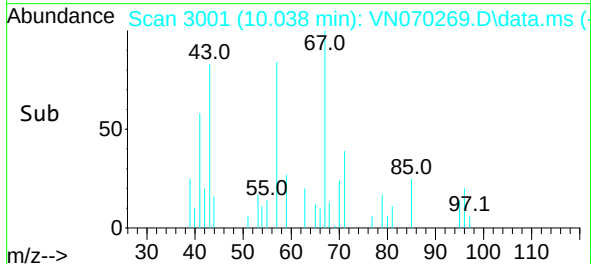
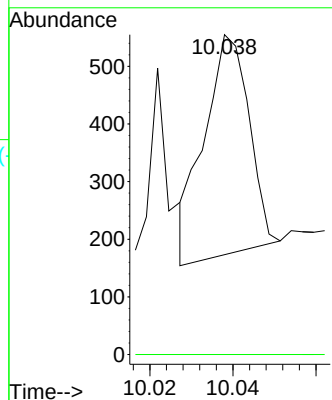
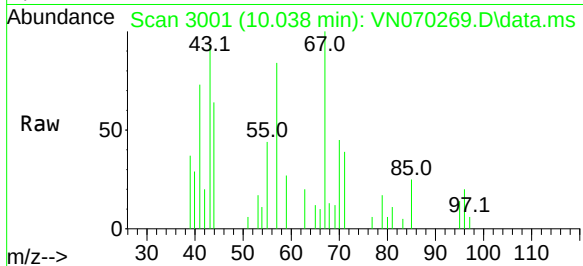




#58
2-Chloroethyl Vinyl ether
Concen: 18.439 ug/l
RT: 10.038 min Scan# 3003
Delta R.T. -0.005 min
Lab File: VN070269.D
Acq: 21 Dec 2021 15:53

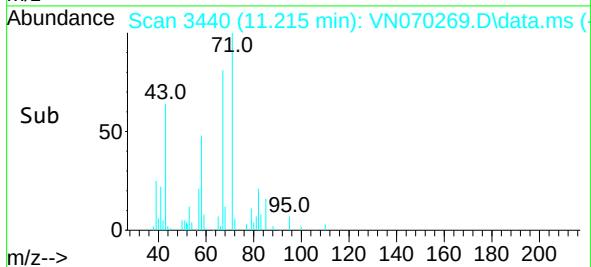
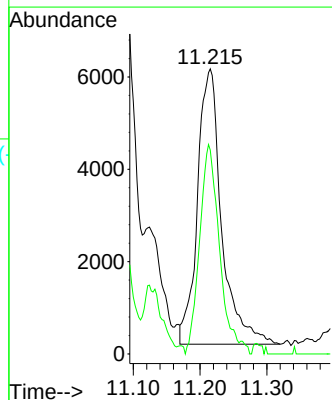
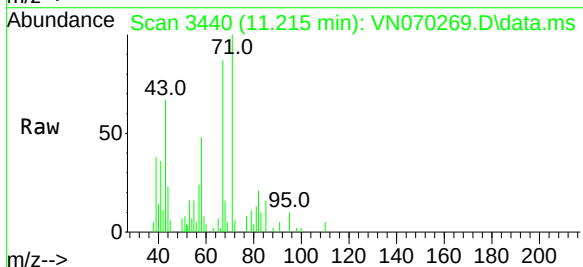
Instrument :
MSVOA_N
ClientSampleId :

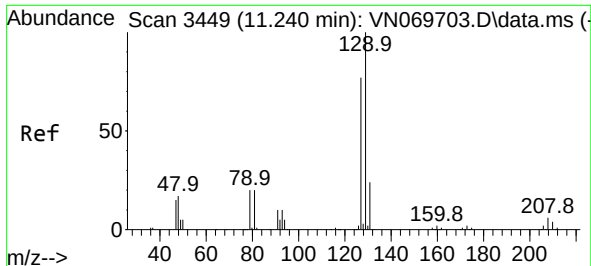
Tgt Ion: 63 Resp: 288
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#



#59
2-Hexanone
Concen: 1.003 ug/l
RT: 11.215 min Scan# 3440
Delta R.T. 0.128 min
Lab File: VN070269.D
Acq: 21 Dec 2021 15:53

Tgt Ion: 43 Resp: 15013
Ion Ratio Lower Upper
43 100
58 62.7 26.9 80.7

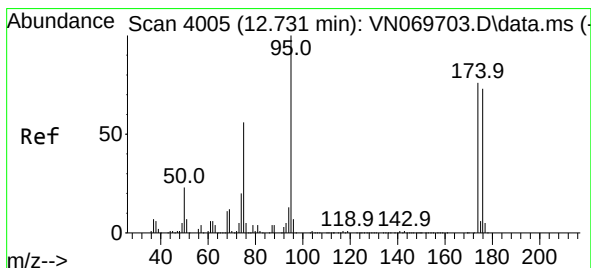
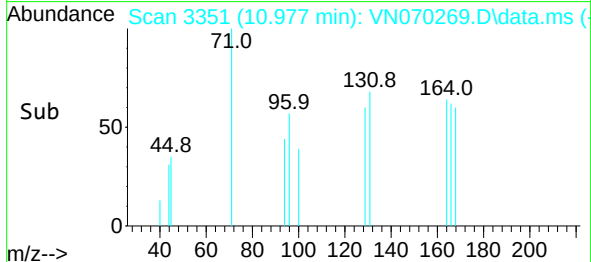
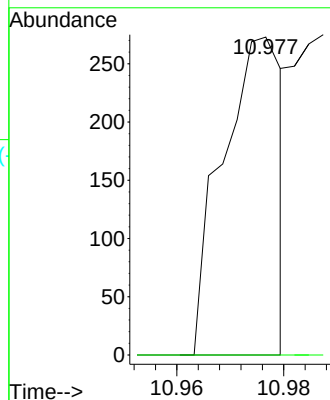
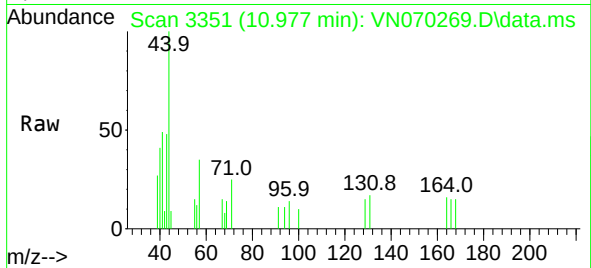




#60
Dibromochloromethane
Concen: 2.394 ug/l
RT: 10.977 min Scan# 31
Delta R.T. -0.263 min
Lab File: VN070269.D
Acq: 21 Dec 2021 15:53

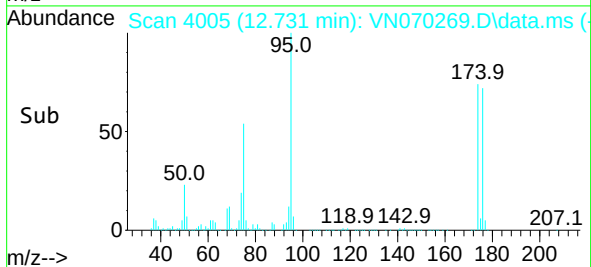
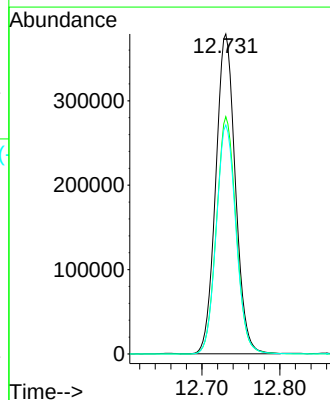
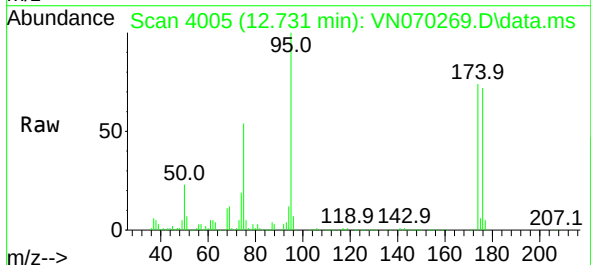
Instrument :
MSVOA_N
ClientSampleId :

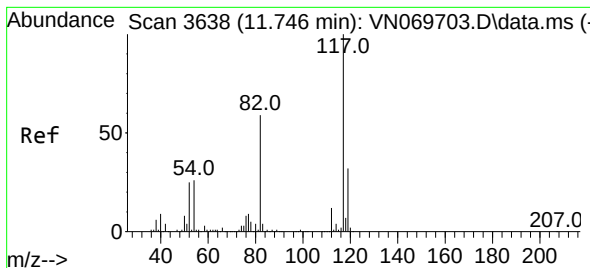
Tgt Ion:129 Resp: 210
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#



#62
4-Bromofluorobenzene
Concen: 49.862 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070269.D
Acq: 21 Dec 2021 15:53

Tgt Ion: 95 Resp: 660860
Ion Ratio Lower Upper
95 100
174 74.3 0.0 187.2
176 72.3 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.744 min Scan# 3

Delta R.T. -0.002 min

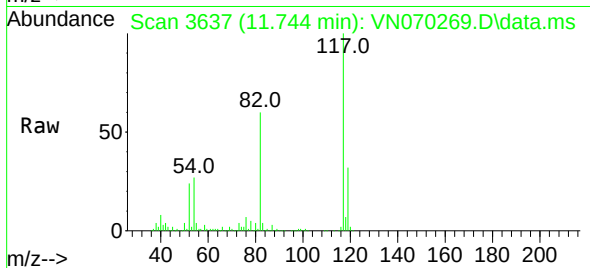
Lab File: VN070269.D

Acq: 21 Dec 2021 15:53

Instrument :

MSVOA_N

ClientSampleId :



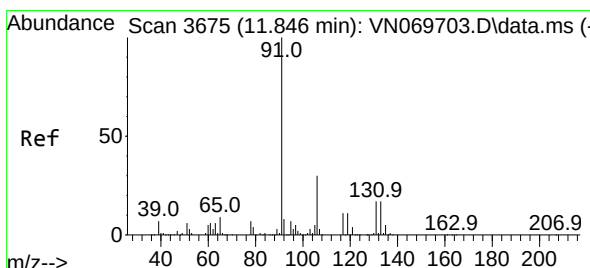
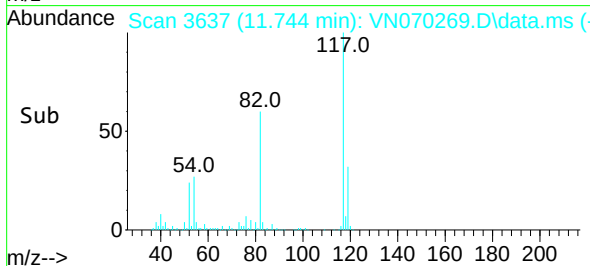
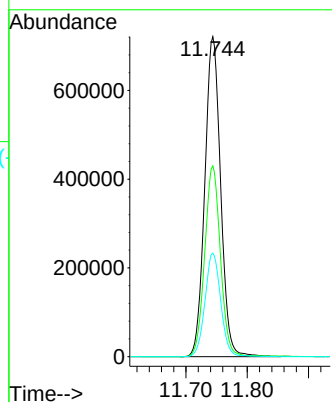
Tgt Ion:117 Resp: 1296976

Ion Ratio Lower Upper

117 100

82 59.6 42.4 63.6

119 32.4 25.4 38.2



#67

Ethyl Benzene

Concen: 72.936 ug/l

RT: 11.843 min Scan# 3674

Delta R.T. -0.003 min

Lab File: VN070269.D

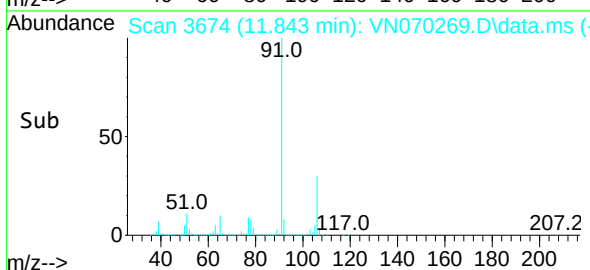
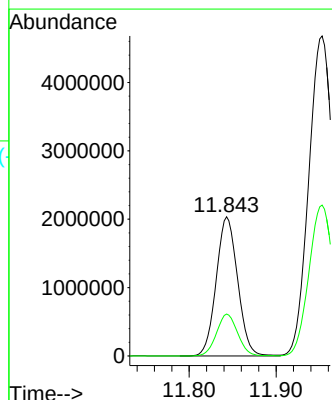
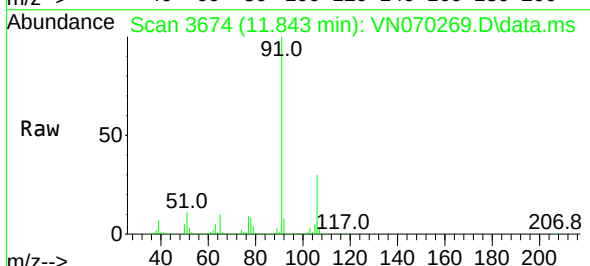
Acq: 21 Dec 2021 15:53

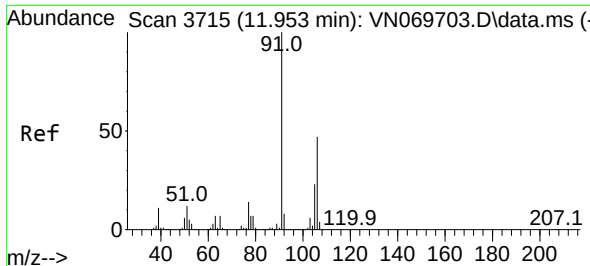
Tgt Ion: 91 Resp: 3485971

Ion Ratio Lower Upper

91 100

106 30.1 25.7 38.5

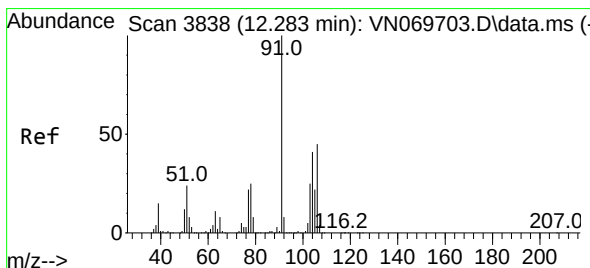
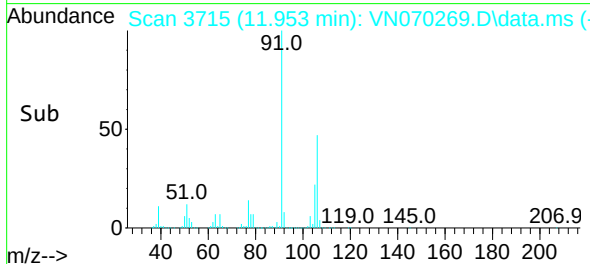
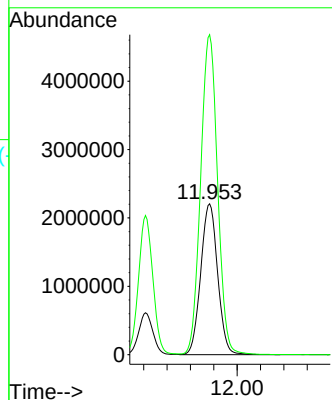
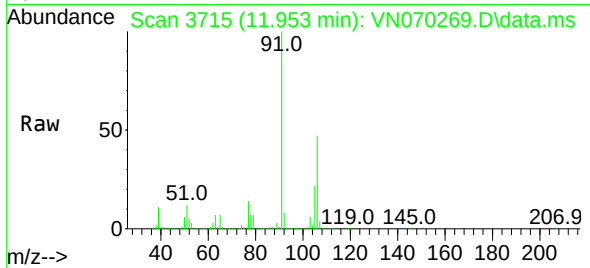




#68
m/p-Xylenes
Concen: 254.263 ug/l
RT: 11.953 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070269.D
Acq: 21 Dec 2021 15:53

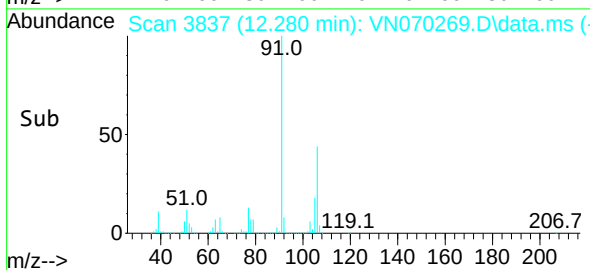
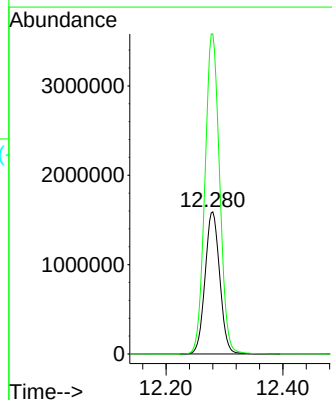
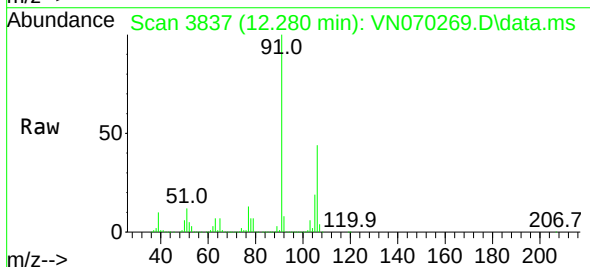
Instrument :
MSVOA_N
ClientSampleId :

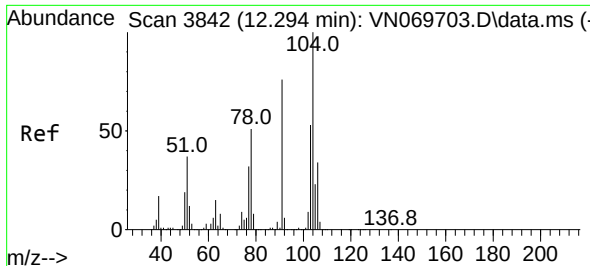
Tgt Ion:106 Resp: 4424796
Ion Ratio Lower Upper
106 100
91 212.6 160.6 240.8



#69
o-Xylene
Concen: 158.162 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN070269.D
Acq: 21 Dec 2021 15:53

Tgt Ion:106 Resp: 2772429
Ion Ratio Lower Upper
106 100
91 226.2 105.8 317.3

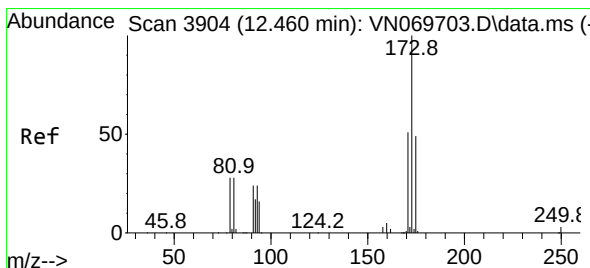
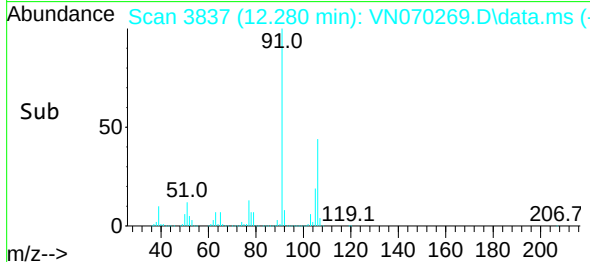
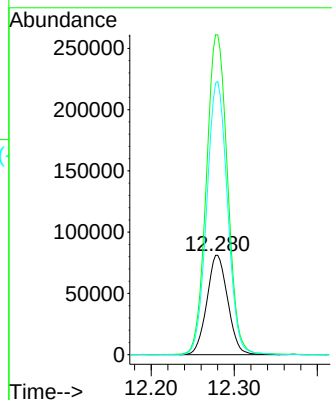
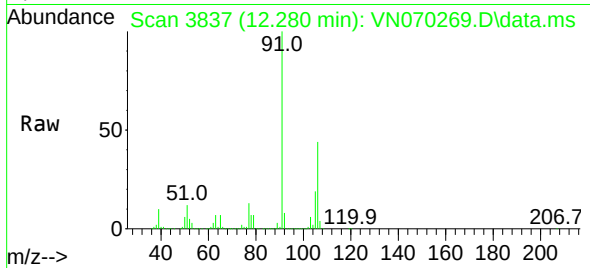




#70
Styrene
Concen: 5.095 ug/l
RT: 12.280 min Scan# 31
Delta R.T. -0.014 min
Lab File: VN070269.D
Acq: 21 Dec 2021 15:53

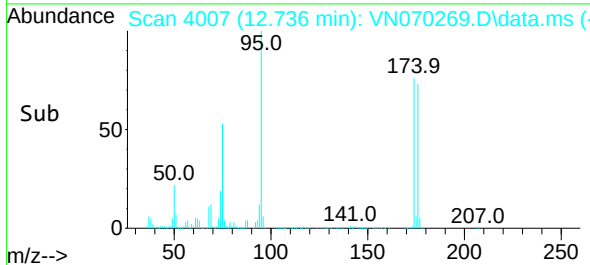
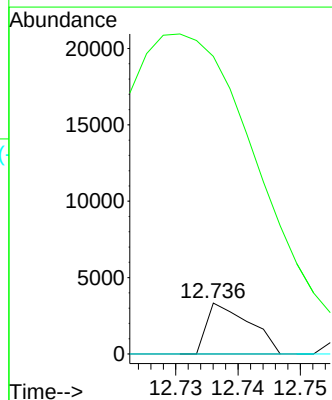
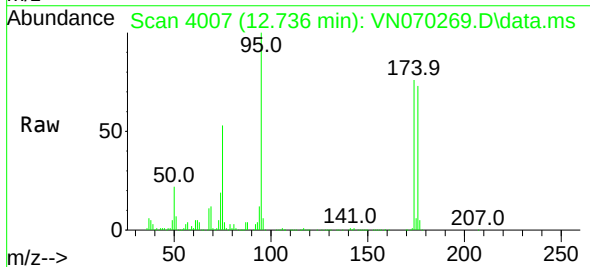
Instrument :
MSVOA_N
ClientSampleId :

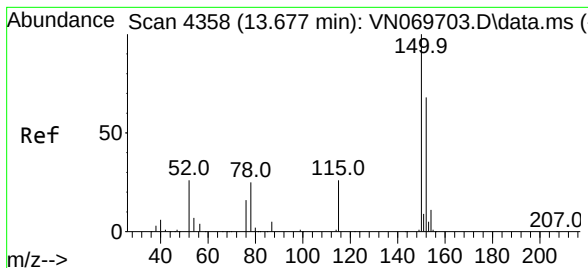
Tgt Ion:104 Resp: 141620
Ion Ratio Lower Upper
104 100
78 326.1 38.7 58.1#
103 273.7 45.0 67.6#



#71
Bromoform
Concen: 2.920 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.276 min
Lab File: VN070269.D
Acq: 21 Dec 2021 15:53

Tgt Ion:173 Resp: 1583
Ion Ratio Lower Upper
173 100
175 2250.1 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: VN070269.D

Acq: 21 Dec 2021 15:53

Instrument :

MSVOA_N

ClientSampleId :

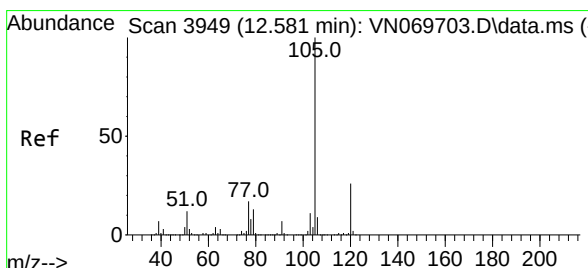
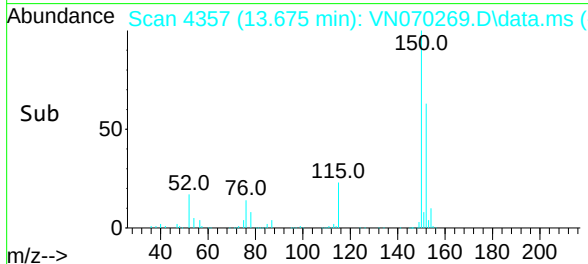
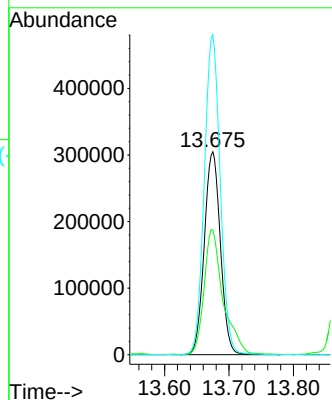
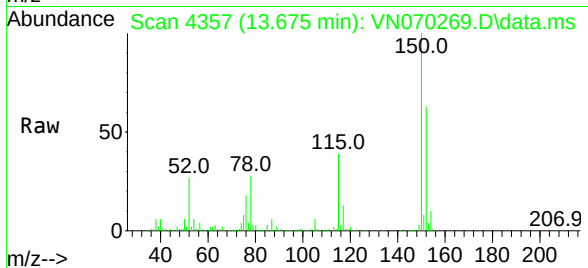
Tgt Ion:152 Resp: 529802

Ion Ratio Lower Upper

152 100

115 72.6 27.5 82.5

150 155.8 0.0 344.4



#73

Isopropylbenzene

Concen: 7.009 ug/l

RT: 12.578 min Scan# 3948

Delta R.T. -0.003 min

Lab File: VN070269.D

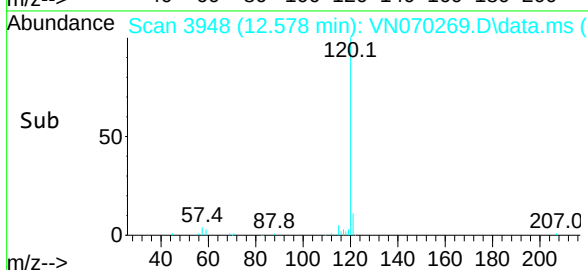
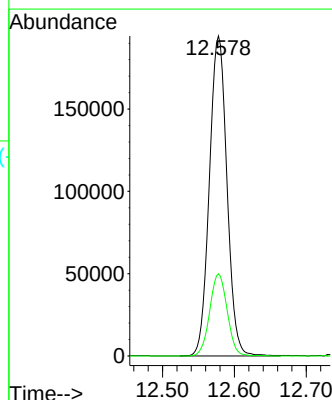
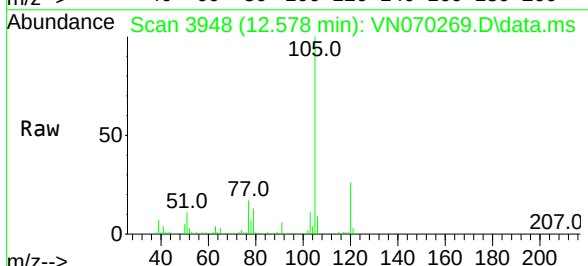
Acq: 21 Dec 2021 15:53

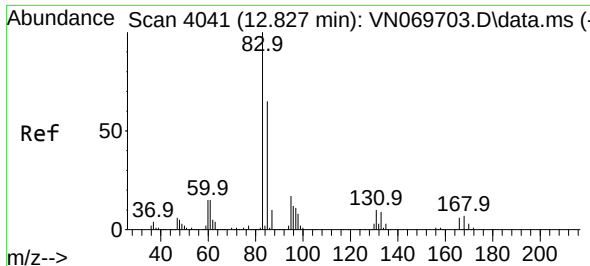
Tgt Ion:105 Resp: 330390

Ion Ratio Lower Upper

105 100

120 25.5 13.4 40.1

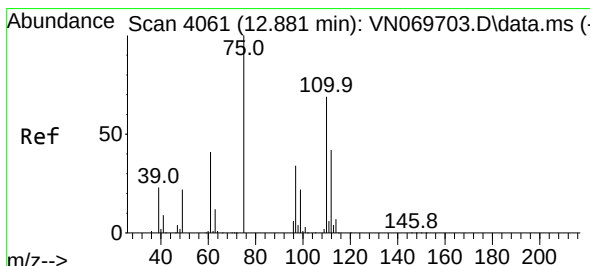
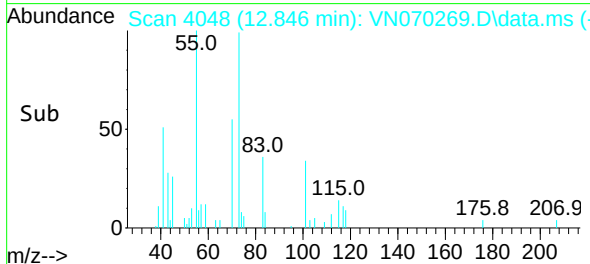
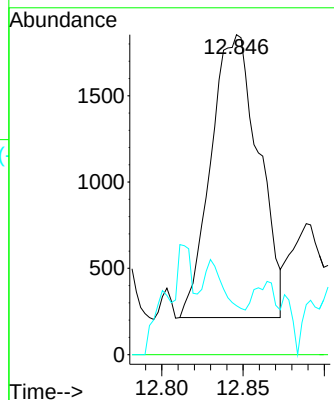
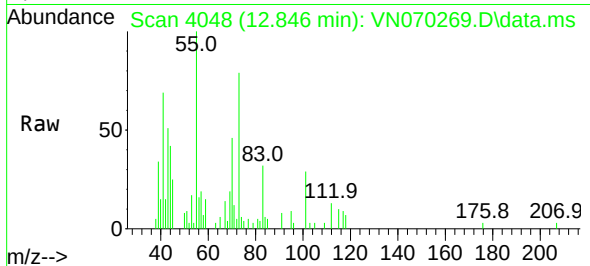




#75
 1,1,2,2-Tetrachloroethane
 Concen: 0.205 ug/l
 RT: 12.846 min Scan# 4048
 Delta R.T. 0.019 min
 Lab File: VN070269.D
 Acq: 21 Dec 2021 15:53

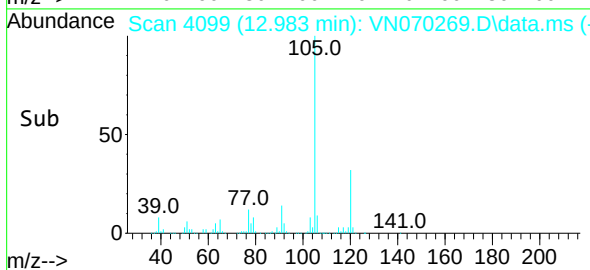
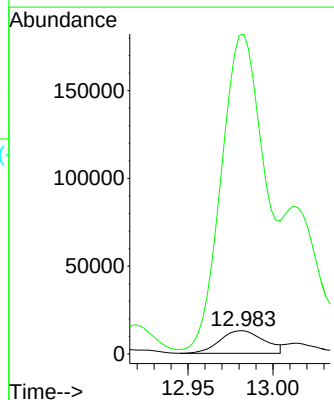
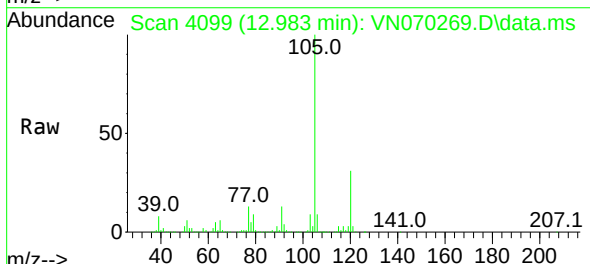
Instrument :
 MSVOA_N
 ClientSampleId :

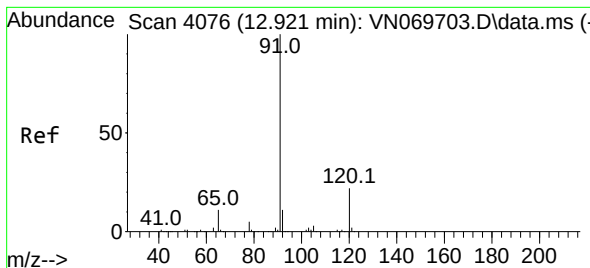
Tgt Ion: 83 Resp: 3340
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.5 16.5#
 85 16.7 32.4 97.2#



#76
 1,2,3-Trichloropropane
 Concen: 1.548 ug/l
 RT: 12.983 min Scan# 4099
 Delta R.T. 0.102 min
 Lab File: VN070269.D
 Acq: 21 Dec 2021 15:53

Tgt Ion: 75 Resp: 23527
 Ion Ratio Lower Upper
 75 100
 77 1354.9 82.6 247.8#





#78

n-propylbenzene

Concen: 11.763 ug/l

RT: 12.921 min Scan# 4076

Delta R.T. -0.000 min

Lab File: VN070269.D

Acq: 21 Dec 2021 15:53

Instrument :

MSVOA_N

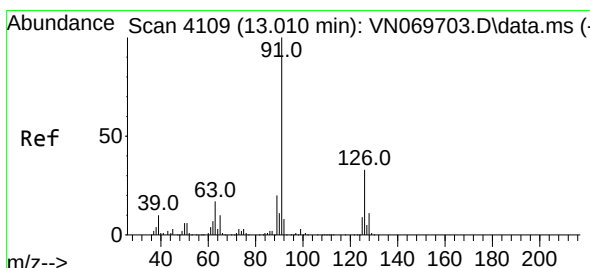
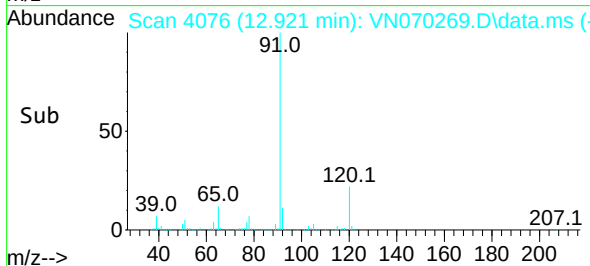
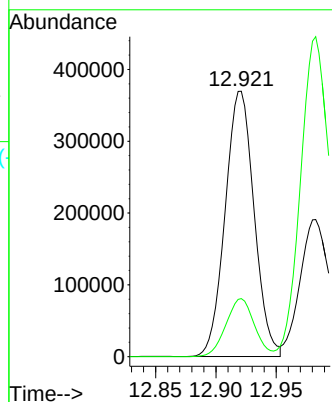
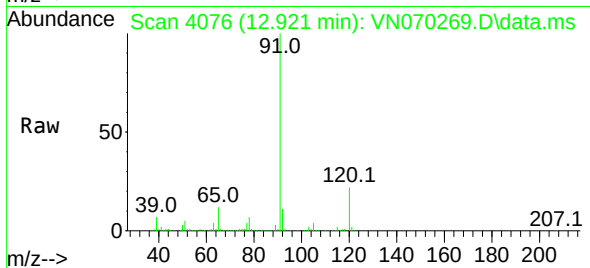
ClientSampleId :

Tgt Ion: 91 Resp: 617001

Ion Ratio Lower Upper

91 100

120 21.6 11.9 35.9



#79

2-Chlorotoluene

Concen: 8.840 ug/l

RT: 12.983 min Scan# 4099

Delta R.T. -0.027 min

Lab File: VN070269.D

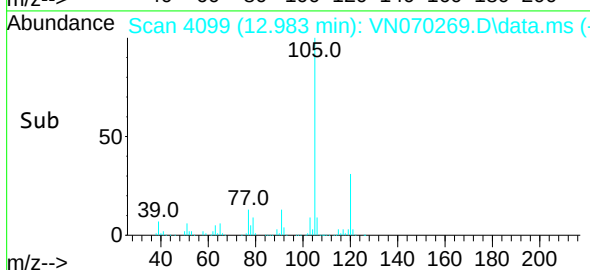
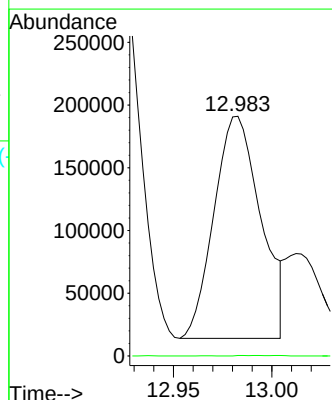
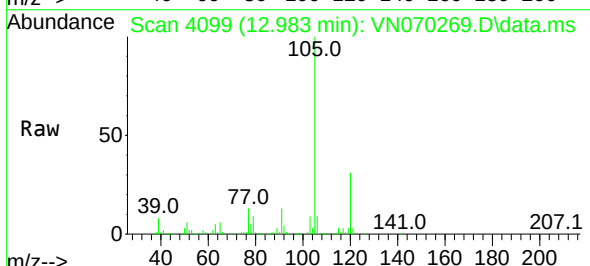
Acq: 21 Dec 2021 15:53

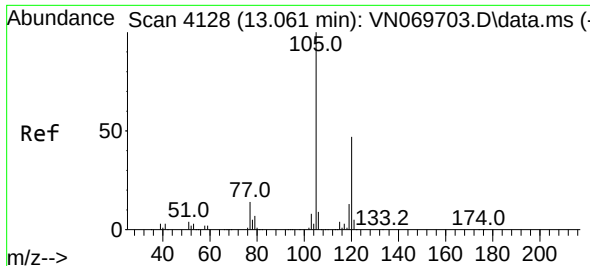
Tgt Ion: 91 Resp: 292993

Ion Ratio Lower Upper

91 100

126 0.1 18.3 54.8#

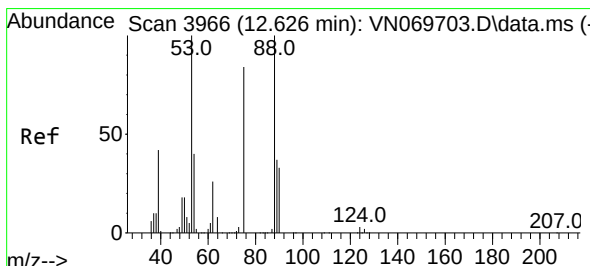
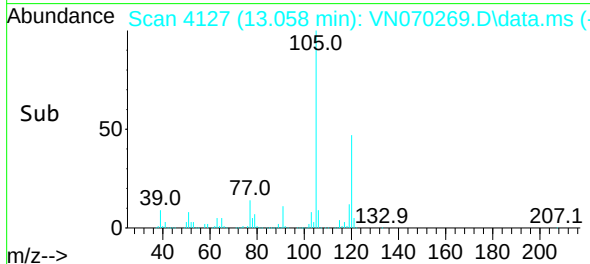
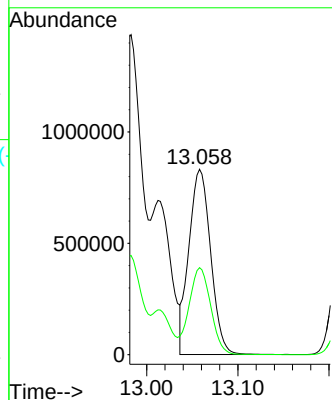
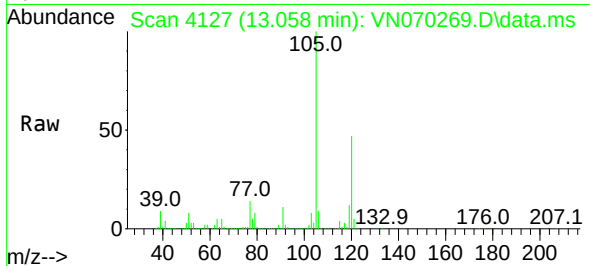




#80
1,3,5-Trimethylbenzene
Concen: 36.242 ug/l
RT: 13.058 min Scan# 41
Delta R.T. -0.003 min
Lab File: VN070269.D
Acq: 21 Dec 2021 15:53

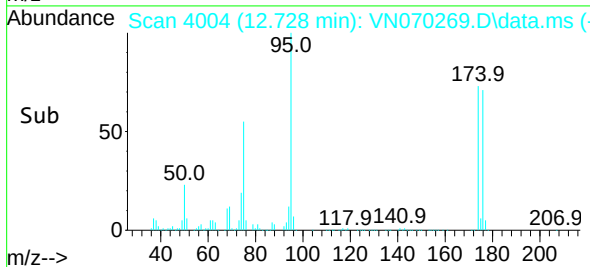
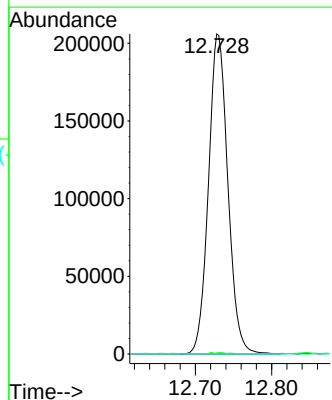
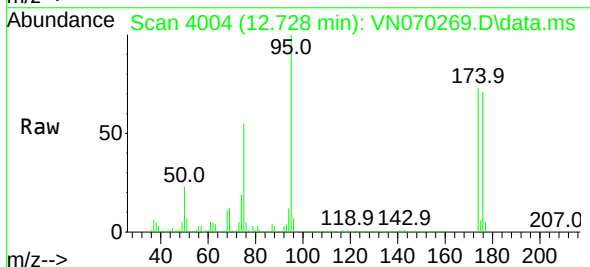
Instrument :
MSVOA_N
ClientSampleId :

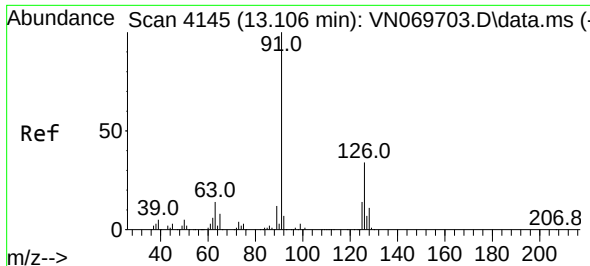
Tgt Ion:105 Resp: 1375042
Ion Ratio Lower Upper
105 100
120 47.3 24.6 73.6



#81
trans-1,4-Dichloro-2-butene
Concen: 75.896 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. 0.102 min
Lab File: VN070269.D
Acq: 21 Dec 2021 15:53

Tgt Ion: 75 Resp: 362955
Ion Ratio Lower Upper
75 100
53 0.2 90.5 135.7#
89 0.0 38.2 57.4#

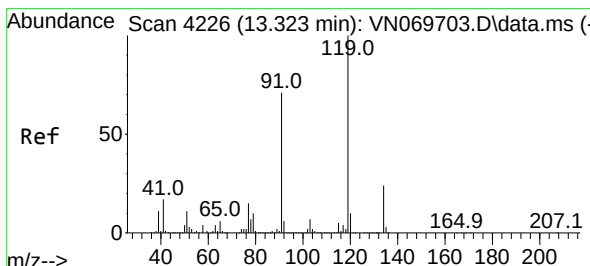
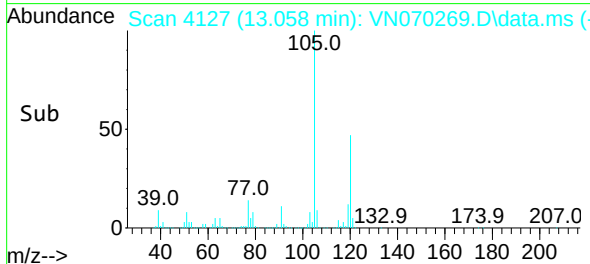
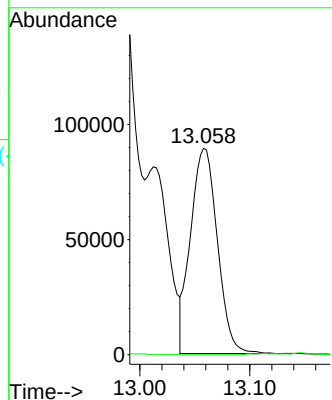
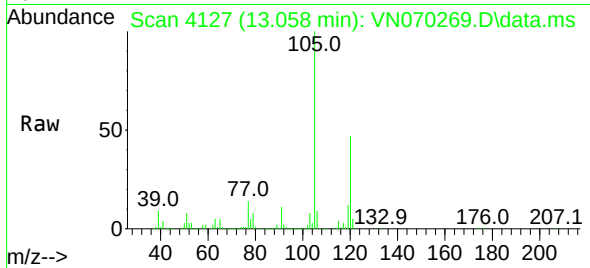




#82
4-Chlorotoluene
Concen: 4.844 ug/l
RT: 13.058 min Scan# 41
Delta R.T. -0.048 min
Lab File: VN070269.D
Acq: 21 Dec 2021 15:53

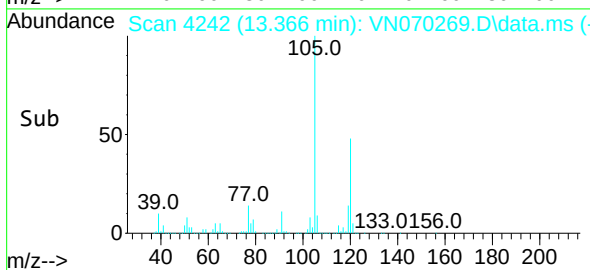
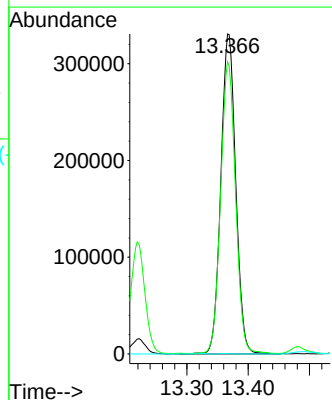
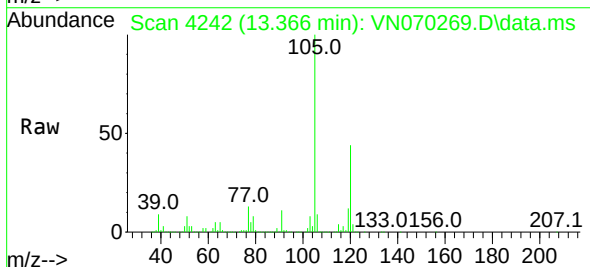
Instrument :
MSVOA_N
ClientSampleId :

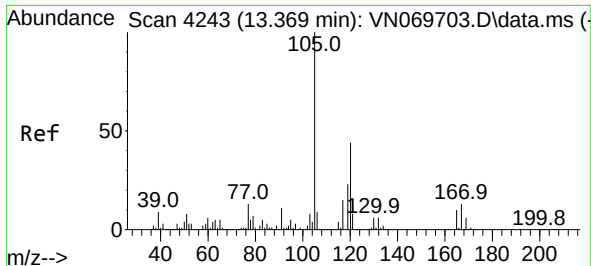
Tgt Ion: 91 Resp: 150991
Ion Ratio Lower Upper
91 100
126 0.0 18.2 54.6#



#83
tert-Butylbenzene
Concen: 16.592 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. 0.043 min
Lab File: VN070269.D
Acq: 21 Dec 2021 15:53

Tgt Ion: 119 Resp: 557413
Ion Ratio Lower Upper
119 100
91 91.4 31.5 94.5
134 0.1 12.4 37.4#

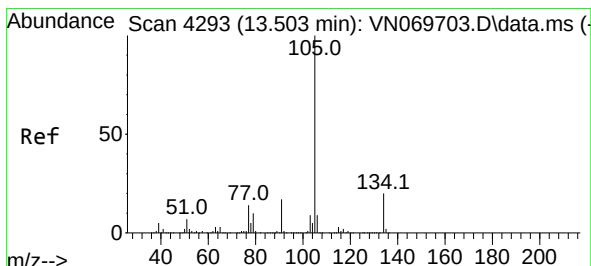
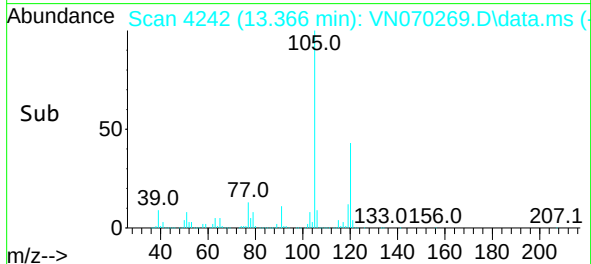
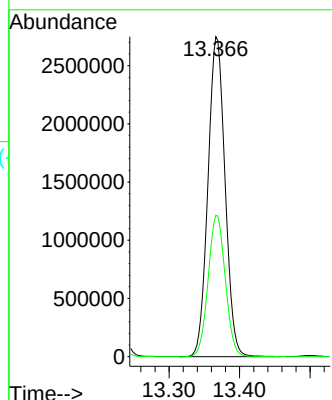
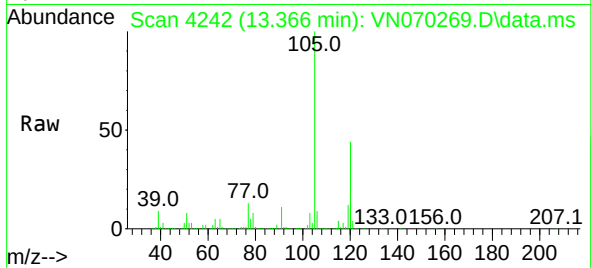




#84
1,2,4-Trimethylbenzene
Concen: 127.692 ug/l
RT: 13.366 min Scan# 41
Delta R.T. -0.003 min
Lab File: VN070269.D
Acq: 21 Dec 2021 15:53

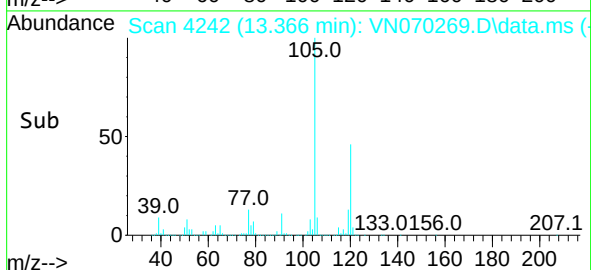
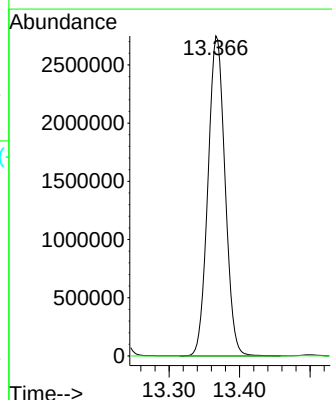
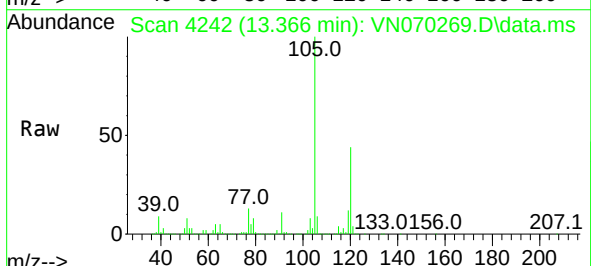
Instrument :
MSVOA_N
ClientSampleId :

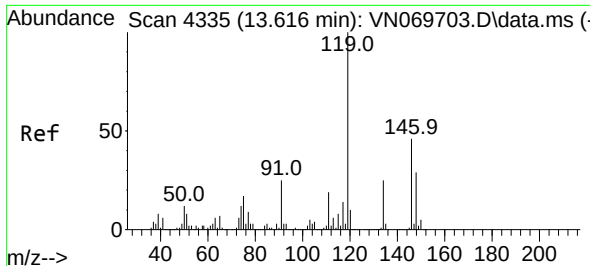
Tgt Ion:105 Resp: 4613857
Ion Ratio Lower Upper
105 100
120 44.4 22.8 68.4



#85
sec-Butylbenzene
Concen: 101.251 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.137 min
Lab File: VN070269.D
Acq: 21 Dec 2021 15:53

Tgt Ion:105 Resp: 4613857
Ion Ratio Lower Upper
105 100
134 0.0 10.4 31.1#

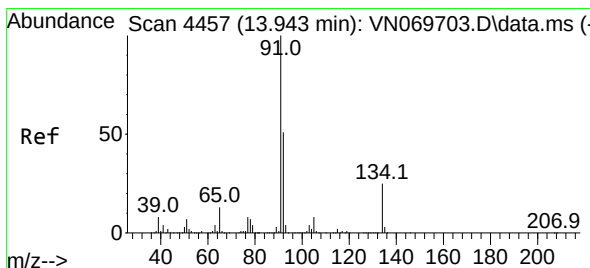
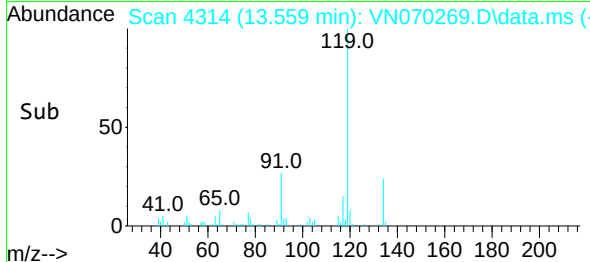
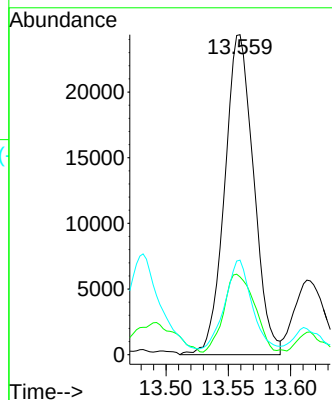
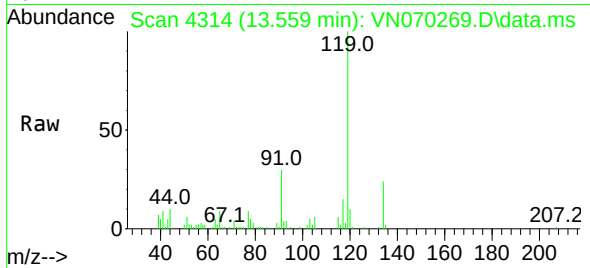




#86
p-Isopropyltoluene
Concen: 1.108 ug/l
RT: 13.559 min Scan# 41
Delta R.T. -0.056 min
Lab File: VN070269.D
Acq: 21 Dec 2021 15:53

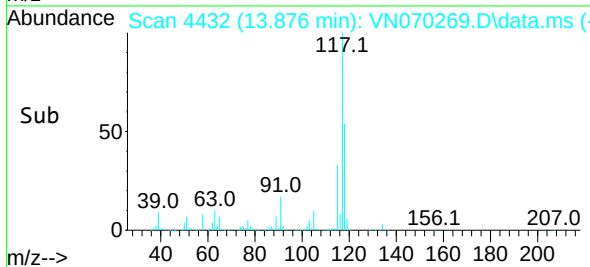
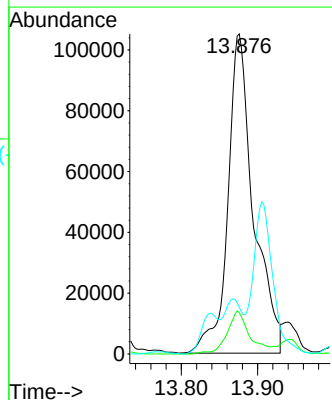
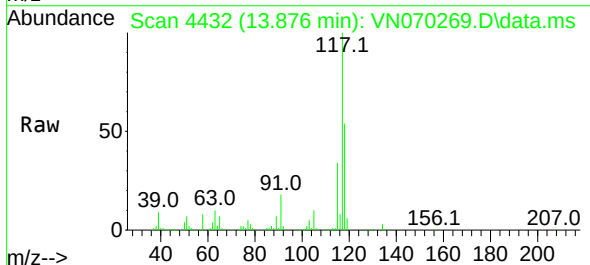
Instrument :
MSVOA_N
ClientSampleId :

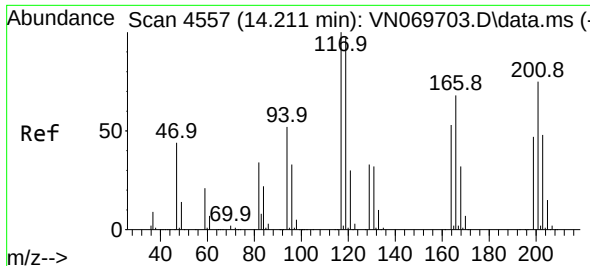
Tgt Ion:119 Resp: 39448
Ion Ratio Lower Upper
119 100
134 27.5 13.6 40.7
91 0.0 11.4 34.1#



#89
n-Butylbenzene
Concen: 8.507 ug/l
RT: 13.876 min Scan# 4432
Delta R.T. -0.067 min
Lab File: VN070269.D
Acq: 21 Dec 2021 15:53

Tgt Ion: 91 Resp: 245808
Ion Ratio Lower Upper
91 100
92 11.8 25.4 76.0#
134 10.4 13.6 40.8#

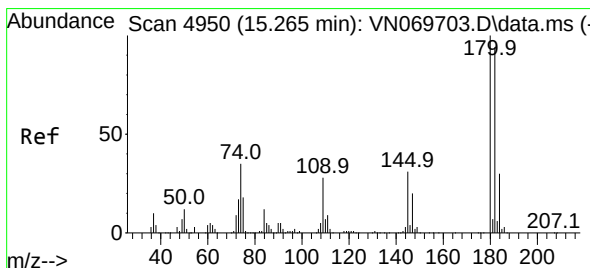
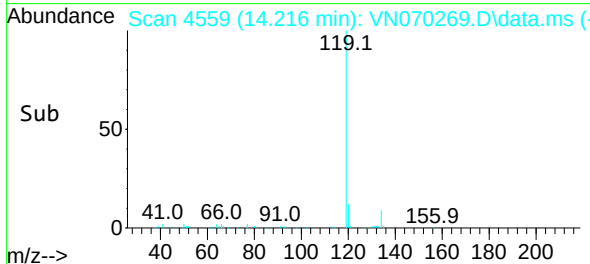
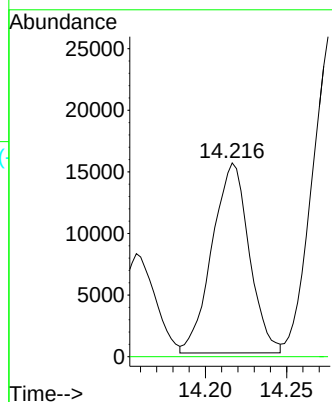
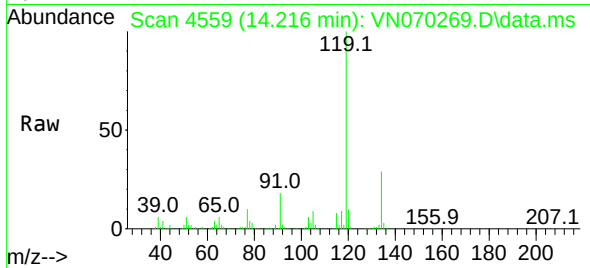




#90
Hexachloroethane
Concen: 3.923 ug/l
RT: 14.216 min Scan# 41
Delta R.T. 0.005 min
Lab File: VN070269.D
Acq: 21 Dec 2021 15:53

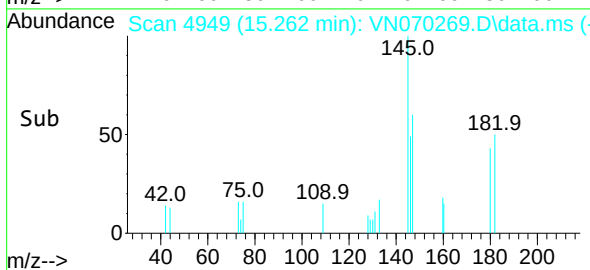
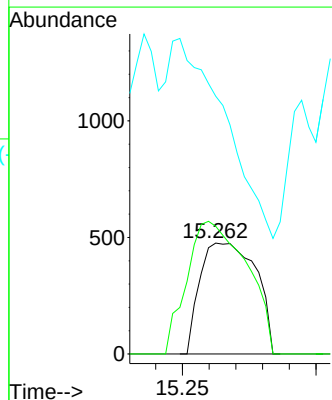
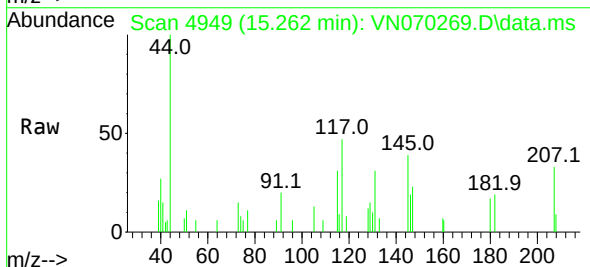
Instrument :
MSVOA_N
ClientSampleId :

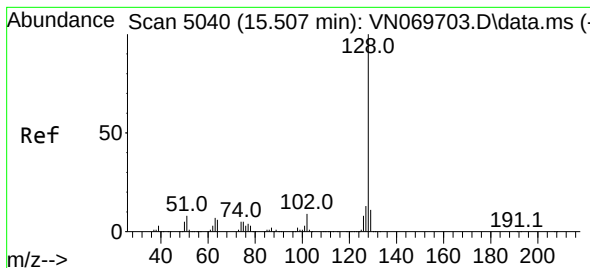
Tgt Ion:117 Resp: 24532
Ion Ratio Lower Upper
117 100
201 0.0 43.9 131.6#



#93
1,2,4-Trichlorobenzene
Concen: 2.953 ug/l
RT: 15.262 min Scan# 4949
Delta R.T. -0.003 min
Lab File: VN070269.D
Acq: 21 Dec 2021 15:53

Tgt Ion:180 Resp: 690
Ion Ratio Lower Upper
180 100
182 128.7 48.3 144.9
145 0.0 14.5 43.5#





#95

Naphthalene

Concen: 32.118 ug/l

RT: 15.507 min Scan# 5040

Delta R.T. -0.000 min

Lab File: VN070269.D

Acq: 21 Dec 2021 15:53

Instrument :

MSVOA_N

ClientSampleId :

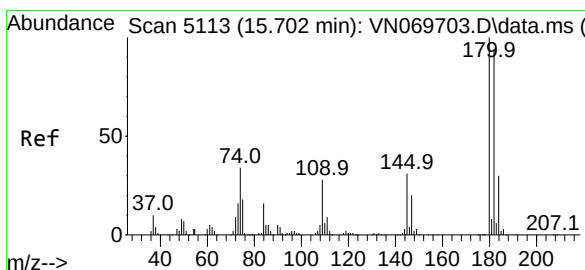
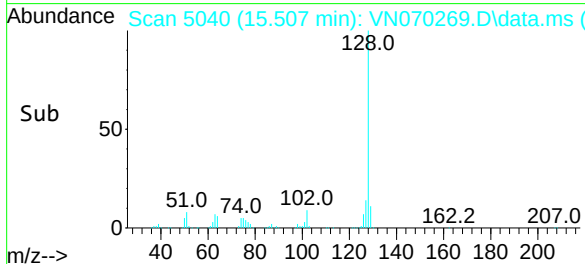
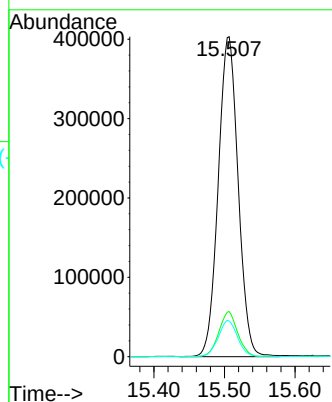
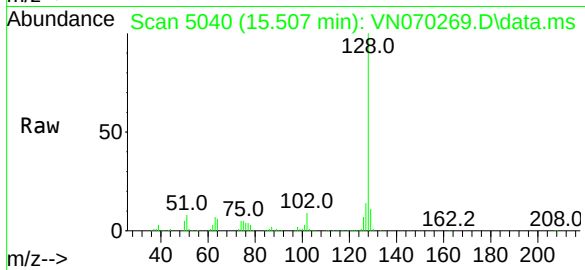
Tgt Ion:128 Resp: 791477

Ion Ratio Lower Upper

128 100

127 13.4 10.5 15.7

129 10.8 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 2.520 ug/l

RT: 15.705 min Scan# 5114

Delta R.T. 0.003 min

Lab File: VN070269.D

Acq: 21 Dec 2021 15:53

Tgt Ion:180 Resp: 756

Ion Ratio Lower Upper

180 100

182 43.4 47.4 142.2#

145 0.0 15.0 45.1#

