

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122121\
 Data File : VN070278.D
 Acq On : 21 Dec 2021 19:41
 Operator : JC/MD
 Sample : PB141540TB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 21 20:12:48 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	8.086	168	670455	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1226878	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1037314	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	347802	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	674927	65.199	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 130.400%	
35) Dibromofluoromethane	8.021	113	429419	55.878	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 111.760%	
50) Toluene-d8	10.440	98	1350038	43.751	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 87.500%	
62) 4-Bromofluorobenzene	12.731	95	441551	39.498	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 79.000%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.073	85	2882	0.369	ug/l	86
3) Chloromethane	2.306	50	9439	0.963	ug/l	93
4) Vinyl Chloride	2.451	62	3229	0.358	ug/l #	67
5) Bromomethane	2.864	94	3370	0.689	ug/l	89
6) Chloroethane	3.019	64	2972	0.538	ug/l #	59
7) Trichlorofluoromethane	3.376	101	3259	0.276	ug/l	85
11) Tert butyl alcohol	5.380	59	616	0.315	ug/l #	71
12) 1,1-Dichloroethene	4.173	96	1551	0.243	ug/l #	80
13) Acrolein	4.041	56	566	0.340	ug/l #	71
16) Acetone	4.291	43	127401	20.459	ug/l	97
17) Carbon Disulfide	4.532	76	6774	0.411	ug/l #	93
18) Methyl Acetate	4.867	43	22748	1.210	ug/l #	51
19) Methyl tert-butyl Ether	5.624	73	6361	0.256	ug/l #	89
20) Methylene Chloride	5.095	84	77432	9.354	ug/l	87
25) 2-Butanone	7.348	43	28545	3.374	ug/l #	85
27) cis-1,2-Dichloroethene	7.329	96	2467	0.294	ug/l	66
29) Tetrahydrofuran	7.699	42	3909	0.761	ug/l #	72
30) Chloroform	7.817	83	4609	0.313	ug/l	90
31) Cyclohexane	8.083	56	19782	1.373	ug/l #	36
32) 1,1,1-Trichloroethane	8.011	97	3201	0.255	ug/l #	43
36) 1,1-Dichloropropene	8.080	75	55322	4.737	ug/l #	49
37) Ethyl Acetate	7.348	43	28545	1.642	ug/l #	68
39) Methylcyclohexane	9.459	83	2963	0.213	ug/l #	91
40) Benzene	8.461	78	11145	0.312	ug/l	96
41) Methacrylonitrile	7.702	41	2597	0.318	ug/l #	35
43) Isopropyl Acetate	8.563	43	149874	5.826	ug/l #	87
44) Trichloroethene	9.223	130	2110	0.248	ug/l	98
45) 1,2-Dichloropropane	9.486	63	3079	0.321	ug/l	97
47) Bromodichloromethane	9.759	83	3225	0.271	ug/l #	84
48) Methyl methacrylate	9.542	41	35407	2.949	ug/l #	8
49) 1,4-Dioxane	9.620	88	1019	4.731	ug/l #	1
51) 4-Methyl-2-Pentanone	10.330	43	34800	2.085	ug/l	97
52) Toluene	10.502	92	7456	0.342	ug/l	93
53) t-1,3-Dichloropropene	10.719	75	2851	2.982	ug/l	98
54) cis-1,3-Dichloropropene	10.245	75	201208	14.852	ug/l #	67
55) 1,1,2-Trichloroethane	10.894	97	2552	0.290	ug/l	95

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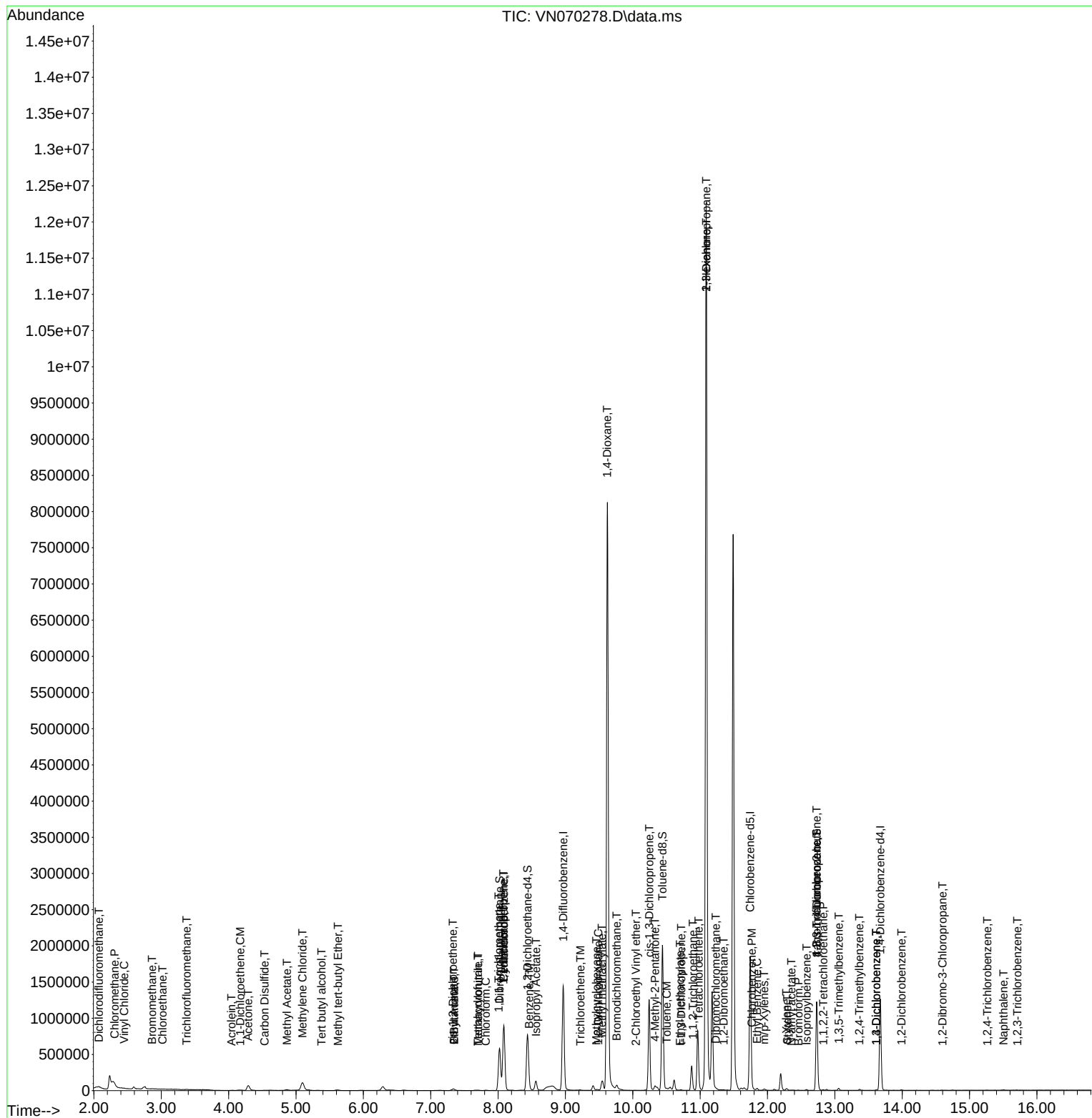
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
56) Ethyl methacrylate	10.701	69	821	2.326	ug/l	#	1
57) 1,3-Dichloropropane	11.089	76	121236	7.830	ug/l	#	44
58) 2-Chloroethyl Vinyl ether	10.046	63	444	18.481	ug/l	#	45
59) 2-Hexanone	11.089	43	2169044	171.817	ug/l	#	48
60) Dibromochloromethane	11.234	129	2036	2.582	ug/l		96
61) 1,2-Dibromoethane	11.347	107	2983	0.327	ug/l		83
64) Tetrachloroethene	10.980	164	1616	0.230	ug/l		93
65) Chlorobenzene	11.768	112	6711	0.319	ug/l		97
67) Ethyl Benzene	11.843	91	10103	0.264	ug/l		96
68) m/p-Xylenes	11.953	106	5197	0.373	ug/l		99
69) o-Xylene	12.280	106	3638	0.259	ug/l		79
70) Styrene	12.296	104	5550	0.250	ug/l	#	87
71) Bromoform	12.463	173	1340	2.931	ug/l	#	29
73) Isopropylbenzene	12.581	105	7868	0.254	ug/l		90
74) N-amyl acetate	12.355	43	3518	0.257	ug/l	#	49
75) 1,1,2,2-Tetrachloroethane	12.830	83	3950	0.369	ug/l	#	88
76) 1,2,3-Trichloropropane	12.731	75	239566	24.019	ug/l	#	1
80) 1,3,5-Trimethylbenzene	13.058	105	12443	0.500	ug/l		95
81) trans-1,4-Dichloro-2-b...	12.731	75	239566	76.286	ug/l	#	5
84) 1,2,4-Trimethylbenzene	13.364	105	8761	0.369	ug/l		90
87) 1,3-Dichlorobenzene	13.613	146	3113	0.261	ug/l		97
88) 1,4-Dichlorobenzene	13.613	146	3113	0.265	ug/l		97
91) 1,2-Dichlorobenzene	13.991	146	3120	0.268	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.597	75	670	0.347	ug/l	#	45
93) 1,2,4-Trichlorobenzene	15.263	180	787	3.008	ug/l		74
95) Naphthalene	15.504	128	5336	4.274	ug/l	#	85
96) 1,2,3-Trichlorobenzene	15.708	180	1008	2.608	ug/l		86

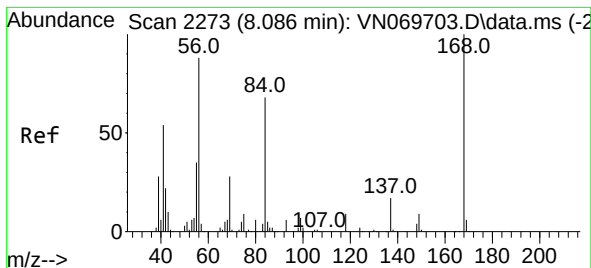
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.086 min Scan# 21

Delta R.T. -0.000 min

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Acq: 21 Dec 2021 19:41

Instrument :

MSVOA_N

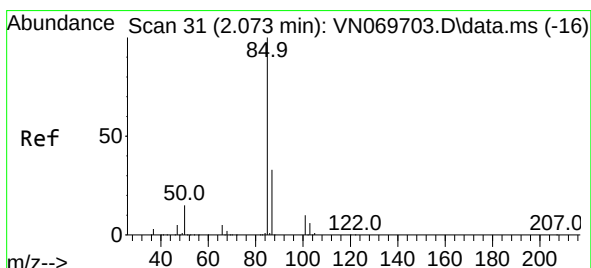
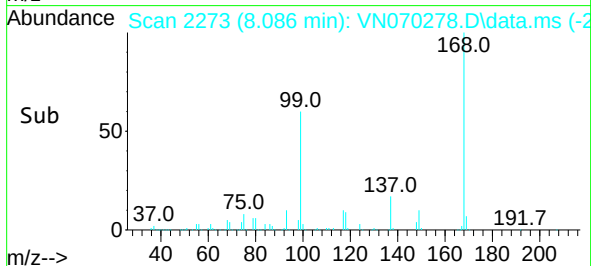
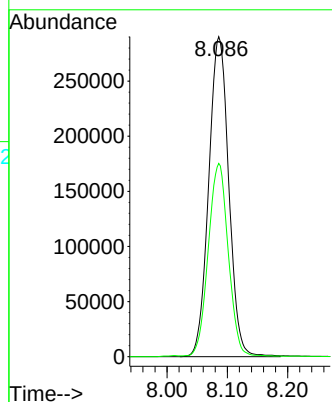
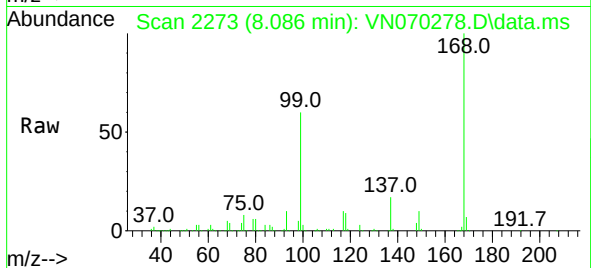
ClientSampleId :

Tgt Ion:168 Resp: 670455

Ion Ratio Lower Upper

168 100

99 60.2 41.3 61.9



#2

Dichlorodifluoromethane

Concen: 0.369 ug/l

RT: 2.073 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN070278.D

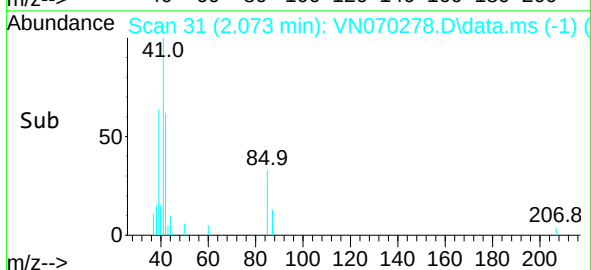
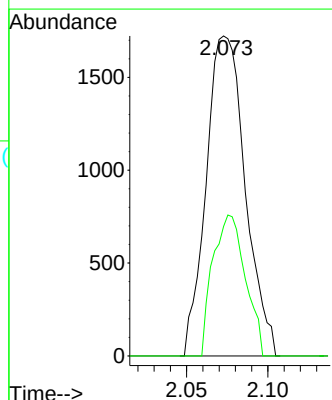
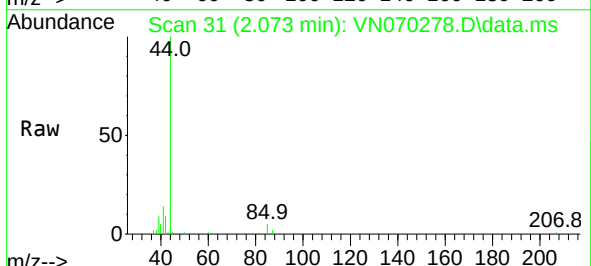
Acq: 21 Dec 2021 19:41

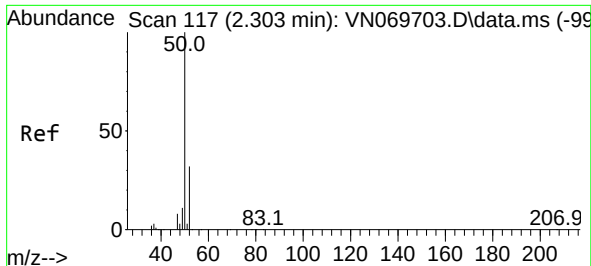
Tgt Ion: 85 Resp: 2882

Ion Ratio Lower Upper

85 100

87 40.5 16.3 48.9

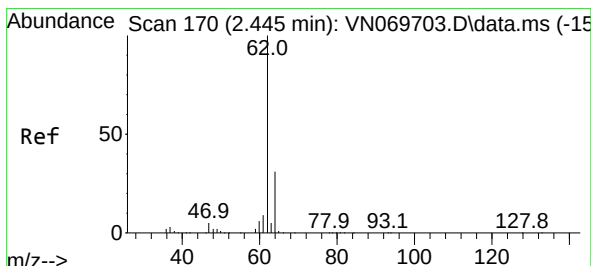
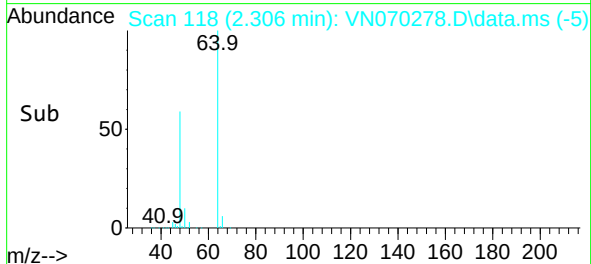
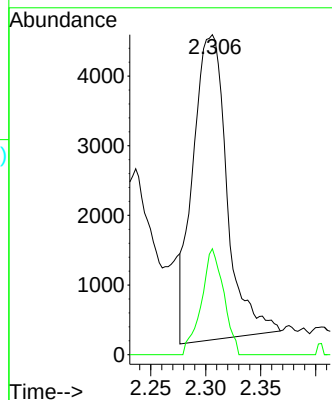
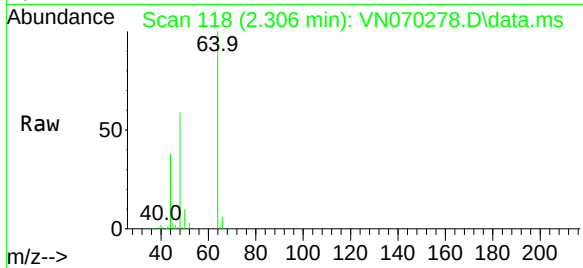




#3
Chloromethane
Concen: 0.963 ug/l
RT: 2.306 min Scan# 117
Delta R.T. 0.003 min
Lab File: VN070278.D
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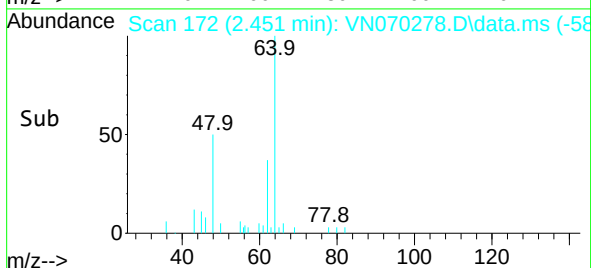
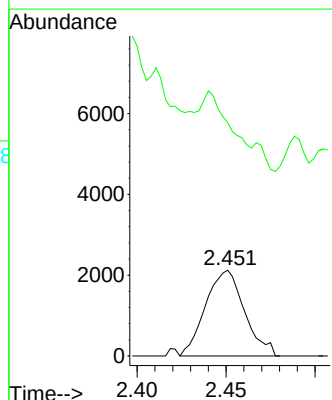
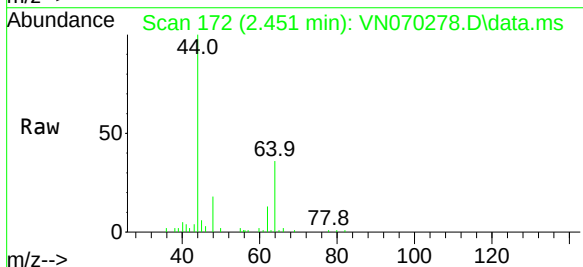
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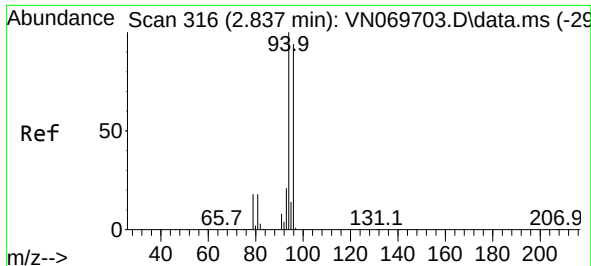
Tgt Ion: 50 Resp: 9439
Ion Ratio Lower Upper
50 100
52 35.7 25.4 38.0



#4
Vinyl Chloride
Concen: 0.358 ug/l
RT: 2.451 min Scan# 172
Delta R.T. 0.006 min
Lab File: VN070278.D
Acq: 21 Dec 2021 19:41

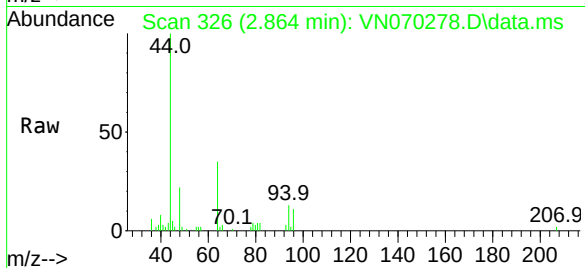
Tgt Ion: 62 Resp: 3229
Ion Ratio Lower Upper
62 100
64 50.6 25.8 38.6#



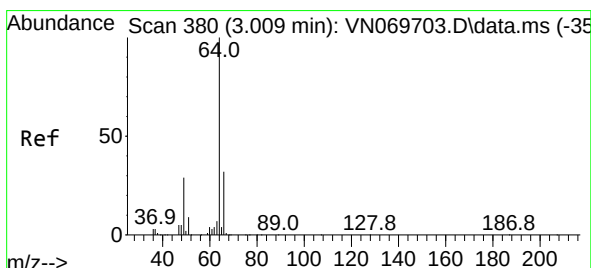
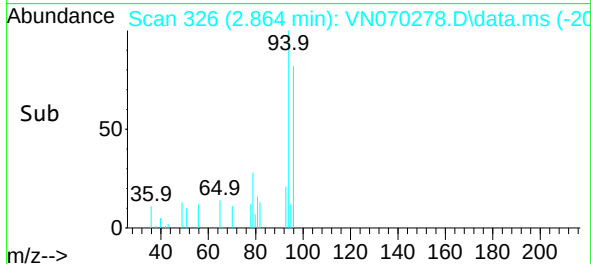
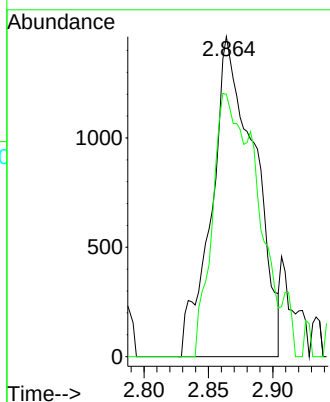


#5
Bromomethane
Concen: 0.689 ug/l
RT: 2.864 min Scan# 316
Delta R.T. 0.027 min
Lab File: VN070278.D
Acq: 21 Dec 2021 19:41

Instrument :
MSVOA_N
ClientSampleId :

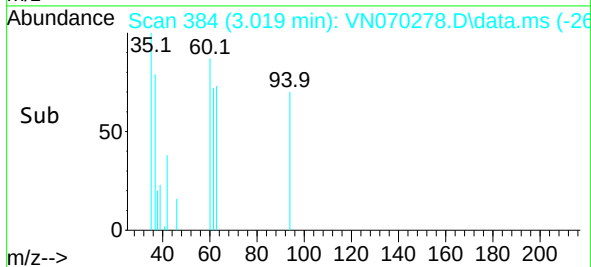
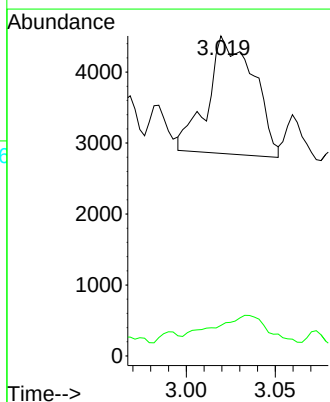
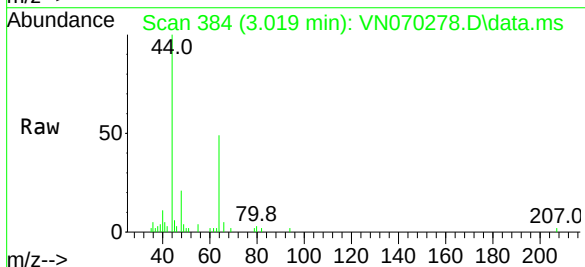


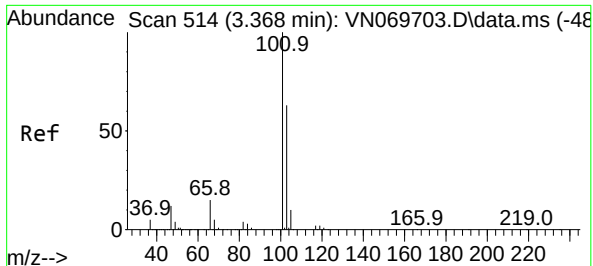
Tgt Ion: 94 Resp: 3370
Ion Ratio Lower Upper
94 100
96 82.0 73.8 110.8



#6
Chloroethane
Concen: 0.538 ug/l
RT: 3.019 min Scan# 384
Delta R.T. 0.011 min
Lab File: VN070278.D
Acq: 21 Dec 2021 19:41

Tgt Ion: 64 Resp: 2972
Ion Ratio Lower Upper
64 100
66 9.5 26.3 39.5#

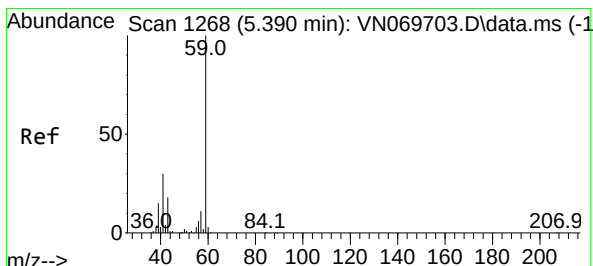
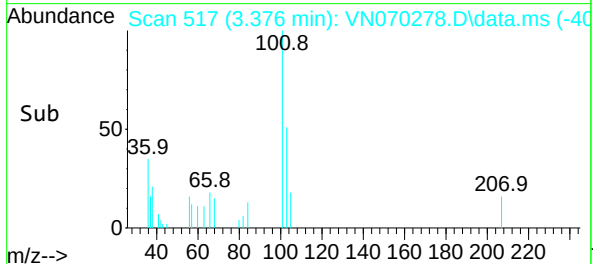
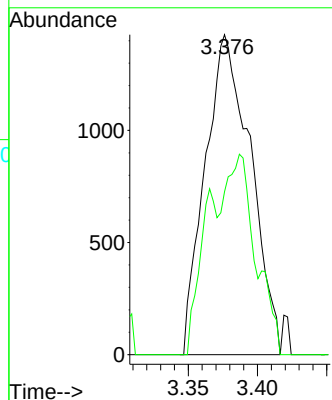
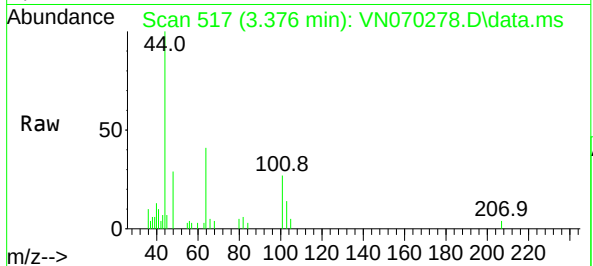




#7
 Trichlorofluoromethane
 Concen: 0.276 ug/l
 RT: 3.376 min Scan# 514
 Delta R.T. 0.008 min
 Lab File: VN070278.D
 Acq: 21 Dec 2021 19:41

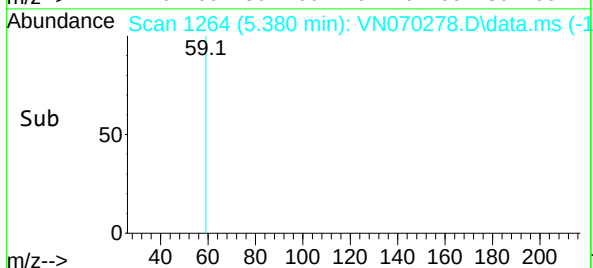
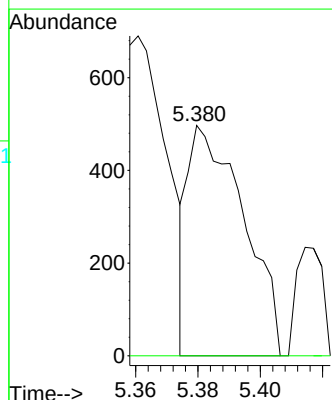
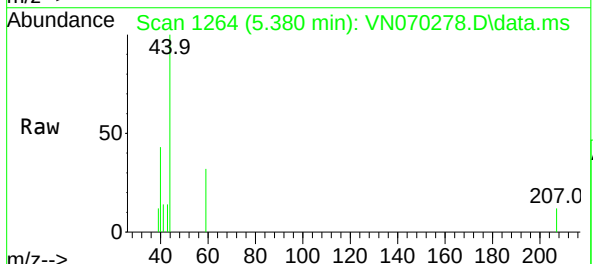
Instrument :
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 ClientSampleId :

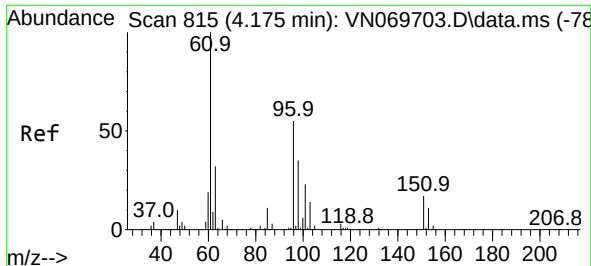
Tgt Ion:101 Resp: 3259
 Ion Ratio Lower Upper
 101 100
 103 50.9 50.1 75.1



#11
 Tert butyl alcohol
 Concen: 0.315 ug/l
 RT: 5.380 min Scan# 1264
 Delta R.T. -0.011 min
 Lab File: VN070278.D
 Acq: 21 Dec 2021 19:41

Tgt Ion: 59 Resp: 616
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.7 13.1#

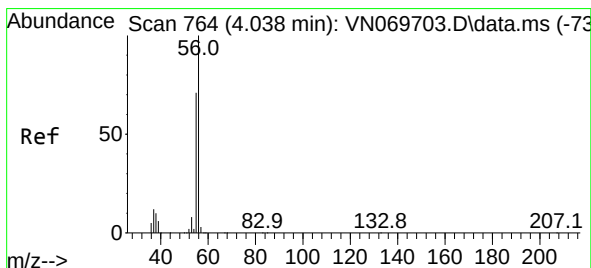
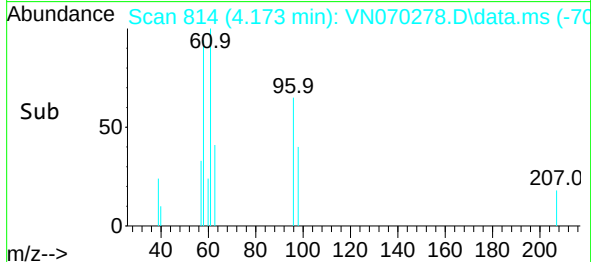
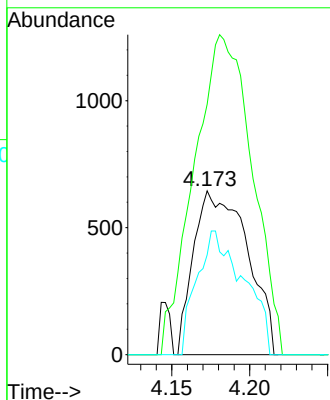
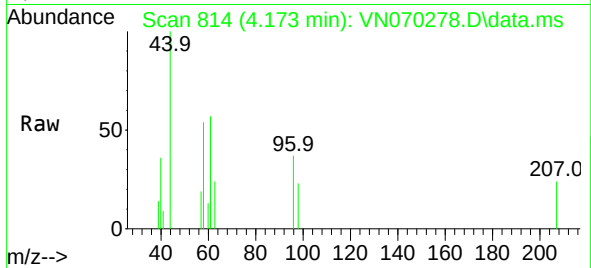




#12
1,1-Dichloroethene
Concen: 0.243 ug/l
RT: 4.173 min Scan# 815
Delta R.T. -0.003 min
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Acq: 21 Dec 2021 19:41

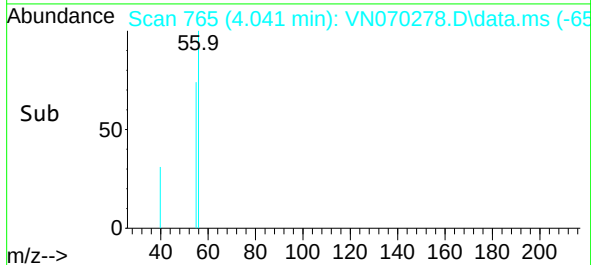
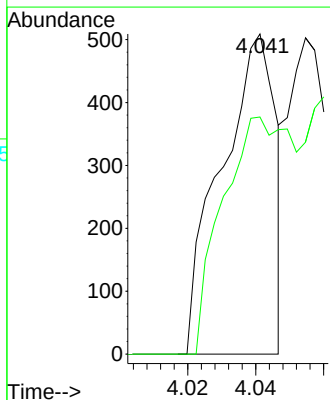
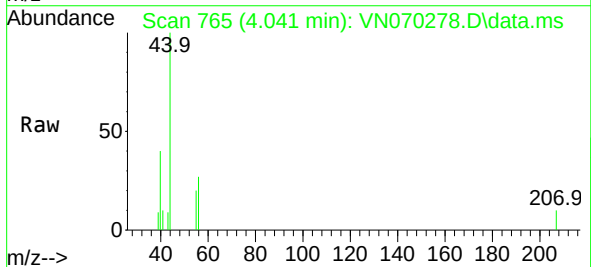
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MSVOA_N
ClientSampleId :

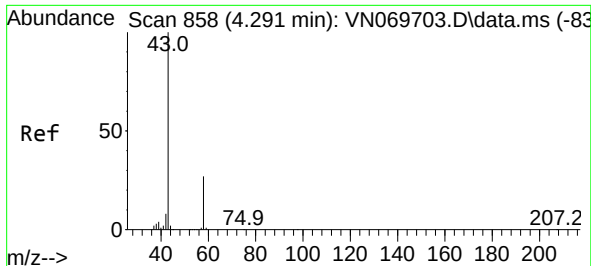
Tgt Ion: 96 Resp: 1551
Ion Ratio Lower Upper
96 100
61 129.5 131.0 196.6#
98 60.9 52.4 78.6



#13
Acrolein
Concen: 0.340 ug/l
RT: 4.041 min Scan# 765
Delta R.T. 0.003 min
Lab File: VN070278.D
Acq: 21 Dec 2021 19:41

Tgt Ion: 56 Resp: 566
Ion Ratio Lower Upper
56 100
55 94.7 56.6 85.0#

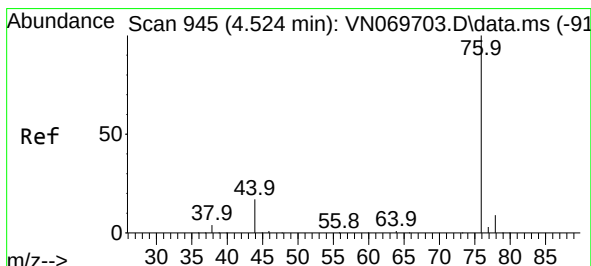
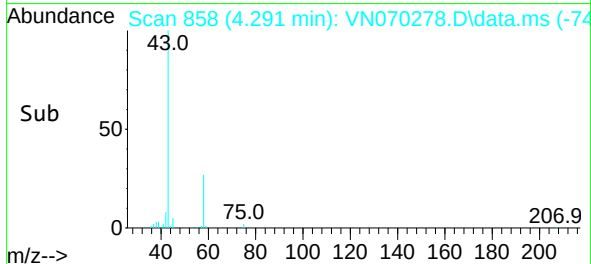
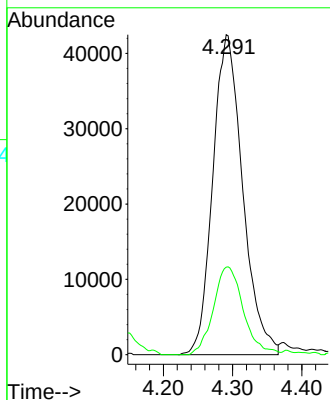
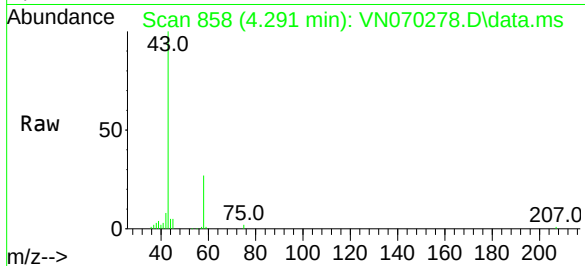




#16
Acetone
Concen: 20.459 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.000 min
Lab File: VN070278.D
Acq: 21 Dec 2021 19:41

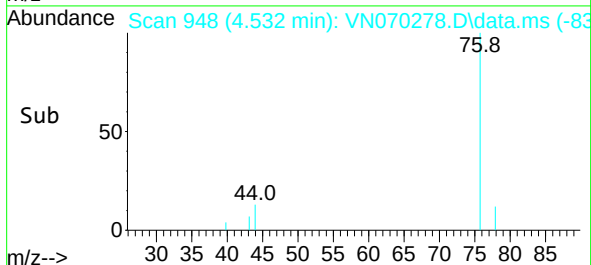
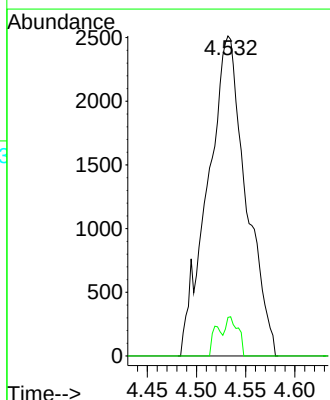
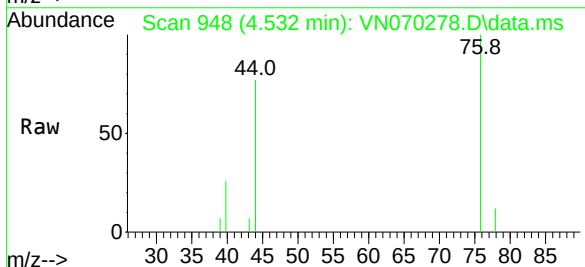
Instrument :
MSVOA_N
ClientSampleId :

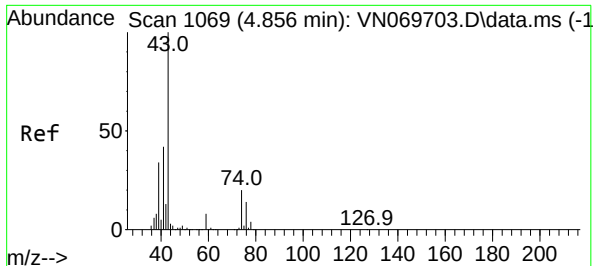
Tgt Ion: 43 Resp: 127401
Ion Ratio Lower Upper
43 100
58 27.3 23.1 34.7



#17
Carbon Disulfide
Concen: 0.411 ug/l
RT: 4.532 min Scan# 948
Delta R.T. 0.008 min
Lab File: VN070278.D
Acq: 21 Dec 2021 19:41

Tgt Ion: 76 Resp: 6774
Ion Ratio Lower Upper
76 100
78 12.1 7.5 11.3#





#18

Methyl Acetate

Concen: 1.210 ug/l

RT: 4.867 min Scan# 1069

Delta R.T. 0.011 min

Lab File: VN070278.D

Acq: 21 Dec 2021 19:41

Instrument :

MSVOA_N

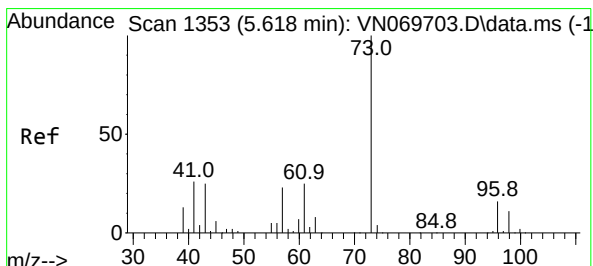
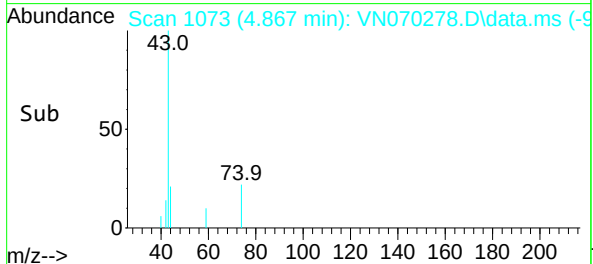
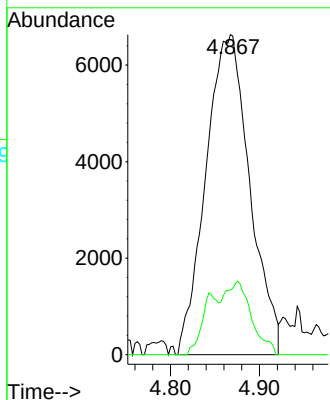
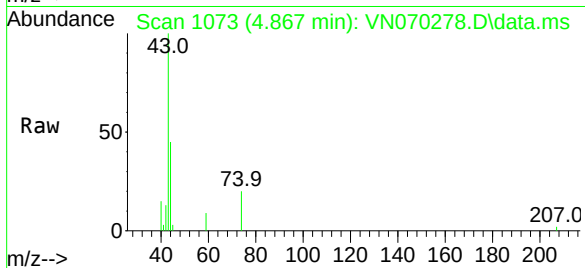
ClientSampleId :

Tgt Ion: 43 Resp: 22748

Ion Ratio Lower Upper

43 100

74 0.0 19.4 29.2#



#19

Methyl tert-butyl Ether

Concen: 0.256 ug/l

RT: 5.624 min Scan# 1355

Delta R.T. 0.005 min

Lab File: VN070278.D

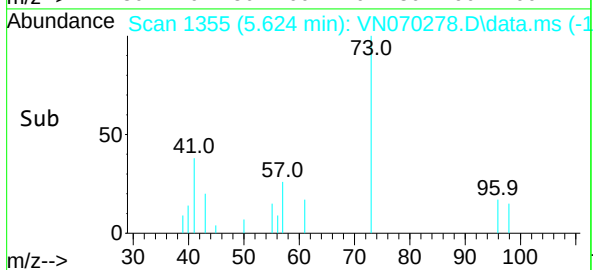
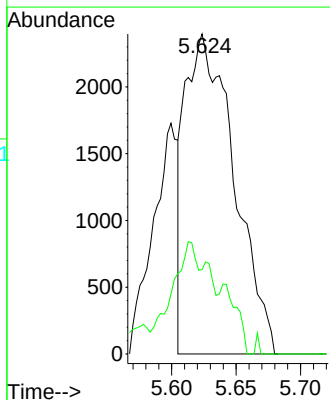
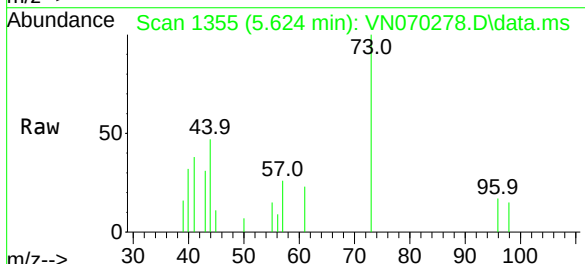
Acq: 21 Dec 2021 19:41

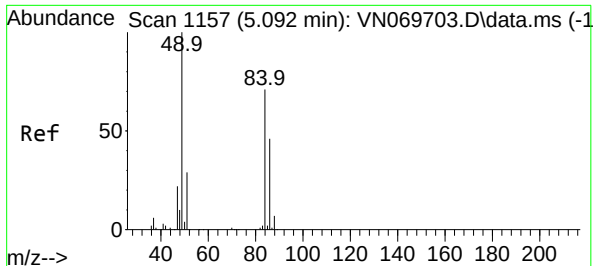
Tgt Ion: 73 Resp: 6361

Ion Ratio Lower Upper

73 100

57 26.3 16.8 25.2#





#20

Methylene Chloride

Concen: 9.354 ug/l

RT: 5.095 min Scan# 1157

Delta R.T. 0.003 min

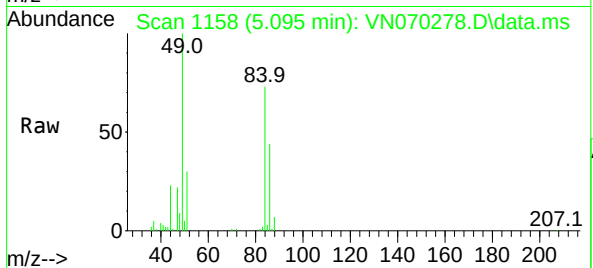
Lab File: VN070278.D

Acq: 21 Dec 2021 19:41

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 84 Resp: 77432

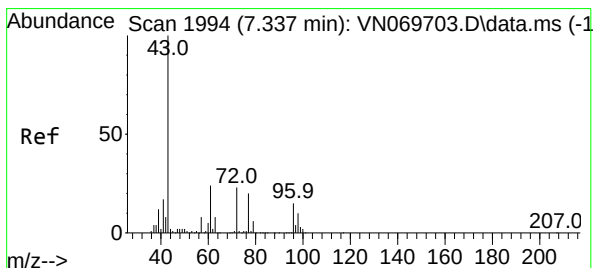
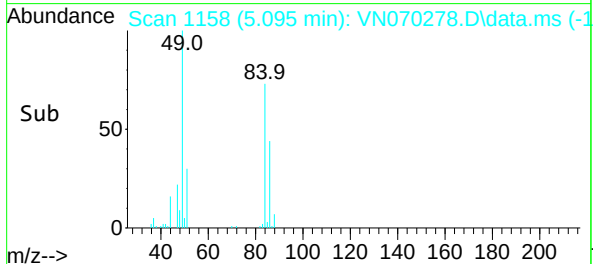
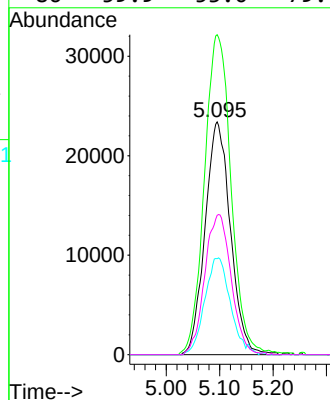
Ion Ratio Lower Upper

84 100

49 136.7 93.5 140.3

51 41.2 29.4 44.2

86 59.9 53.0 79.4



#25

2-Butanone

Concen: 3.374 ug/l

RT: 7.348 min Scan# 1998

Delta R.T. 0.011 min

Lab File: VN070278.D

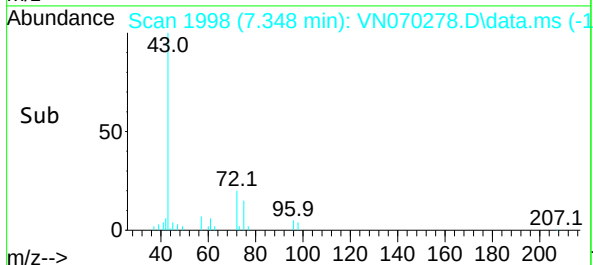
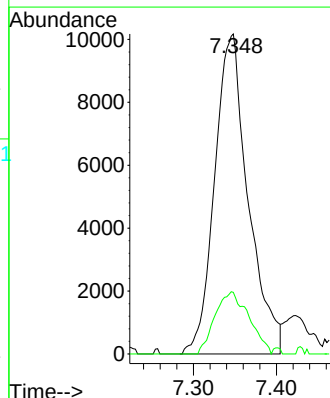
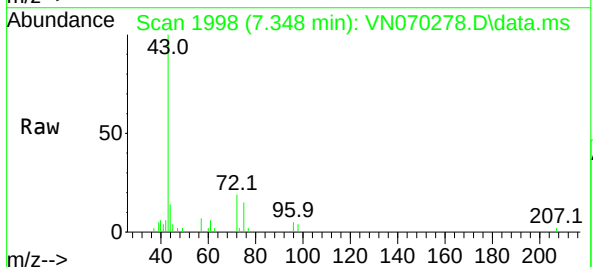
Acq: 21 Dec 2021 19:41

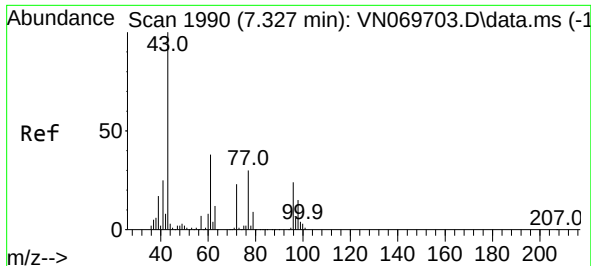
Tgt Ion: 43 Resp: 28545

Ion Ratio Lower Upper

43 100

72 19.3 21.7 32.5#





#27

cis-1,2-Dichloroethene

Concen: 0.294 ug/l

RT: 7.329 min Scan# 1990

Delta R.T. 0.003 min

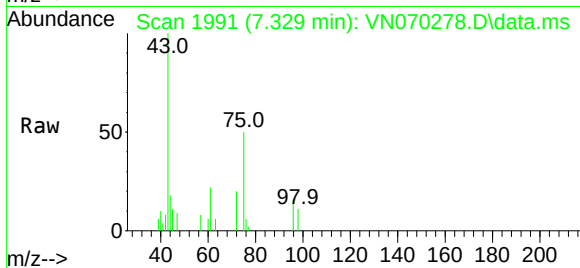
Lab File: VN070278.D

Acq: 21 Dec 2021 19:41

Instrument :

MSVOA_N

ClientSampleId :



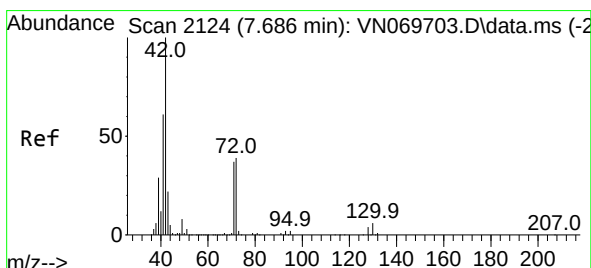
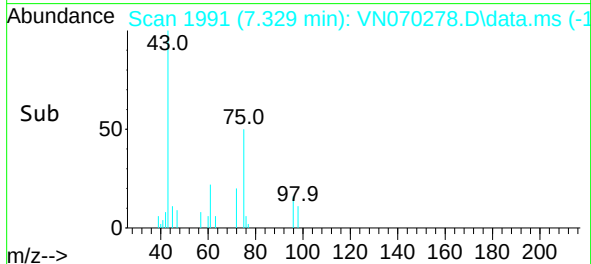
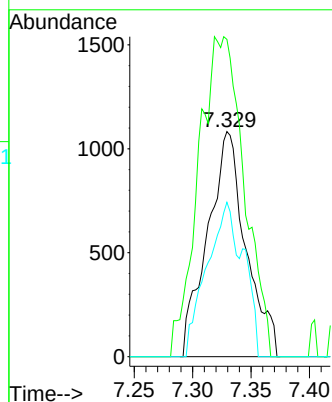
Tgt Ion: 96 Resp: 2467

Ion Ratio Lower Upper

96 100

61 86.6 0.0 275.0

98 52.3 0.0 129.6



#29

Tetrahydrofuran

Concen: 0.761 ug/l

RT: 7.699 min Scan# 2129

Delta R.T. 0.014 min

Lab File: VN070278.D

Acq: 21 Dec 2021 19:41

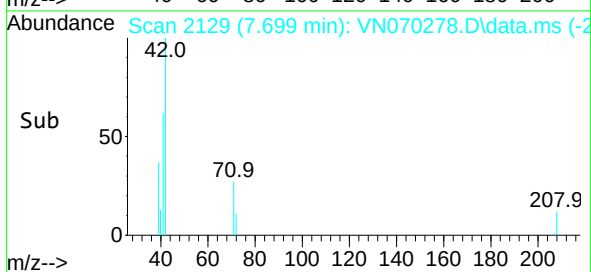
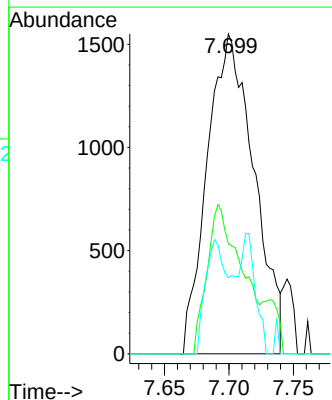
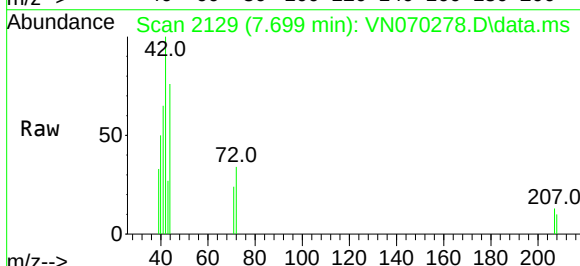
Tgt Ion: 42 Resp: 3909

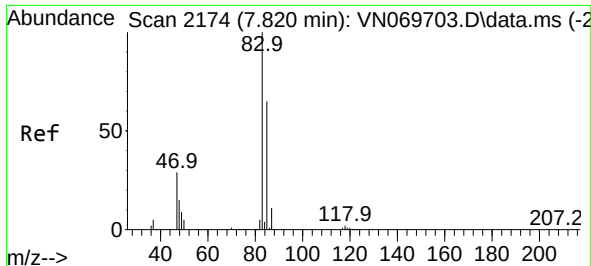
Ion Ratio Lower Upper

42 100

72 34.3 36.3 54.5#

71 18.4 34.7 52.1#





#30

Chloroform

Concen: 0.313 ug/l

RT: 7.817 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN070278.D

Acq: 21 Dec 2021 19:41

Instrument :

MSVOA_N

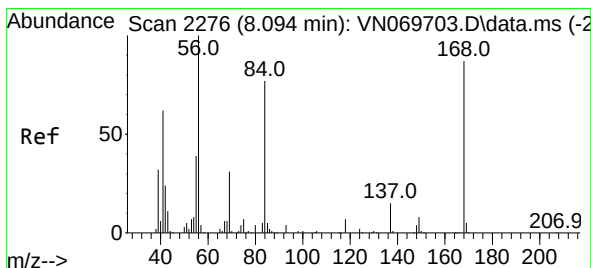
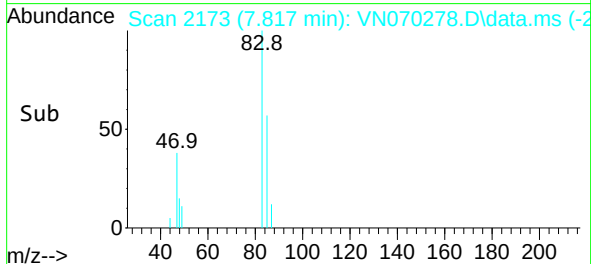
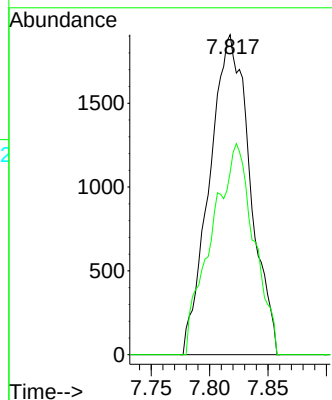
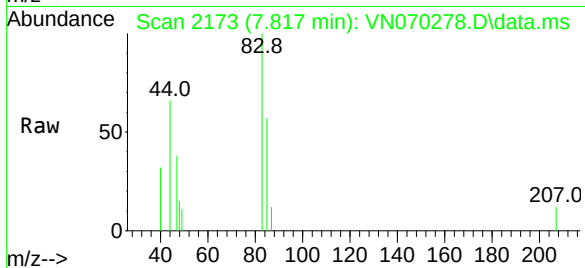
ClientSampleId :

Tgt Ion: 83 Resp: 4609

Ion Ratio Lower Upper

83 100

85 56.9 51.9 77.9



#31

Cyclohexane

Concen: 1.373 ug/l

RT: 8.083 min Scan# 2272

Delta R.T. -0.011 min

Lab File: VN070278.D

Acq: 21 Dec 2021 19:41

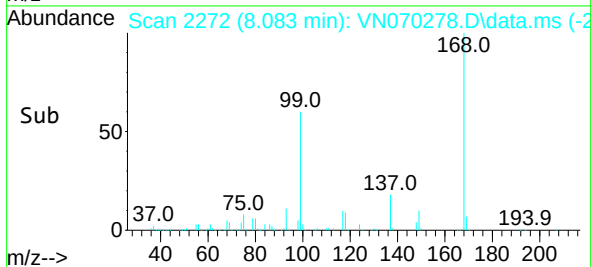
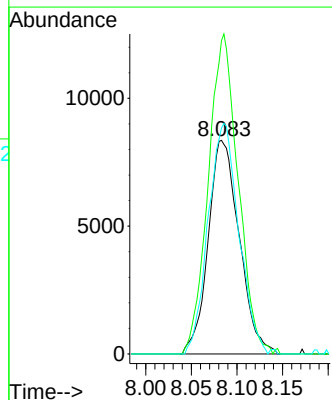
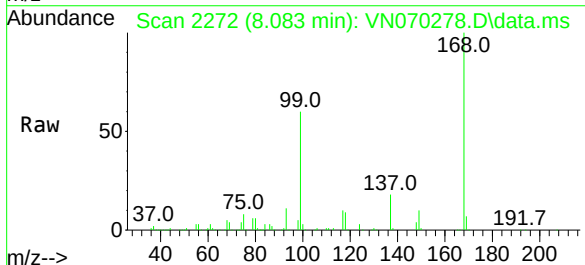
Tgt Ion: 56 Resp: 19782

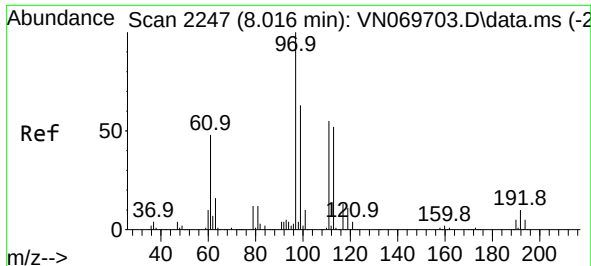
Ion Ratio Lower Upper

56 100

69 146.7 27.1 40.7#

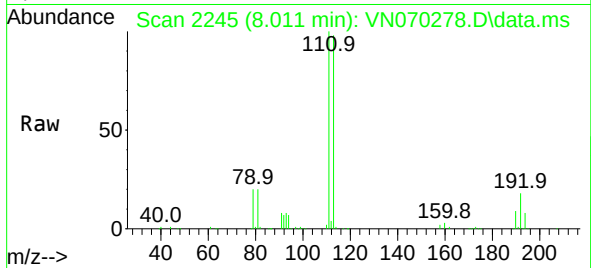
84 105.8 73.4 110.0



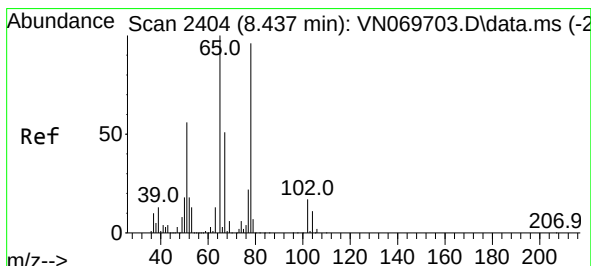
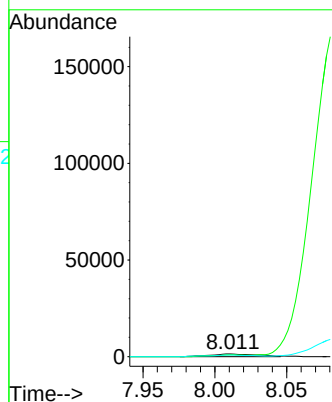
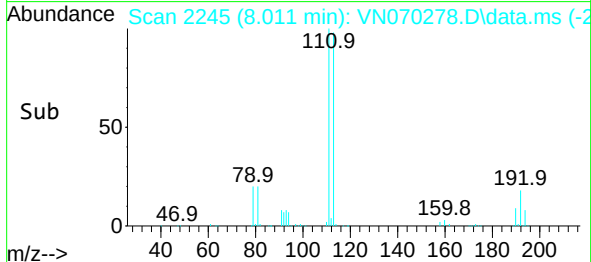


#32
 1,1,1-Trichloroethane
 Concen: 0.255 ug/l
 RT: 8.011 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: VN070278.D
 Acq: 21 Dec 2021 19:41

Instrument :
 MSVOA_N
 ClientSampleId :

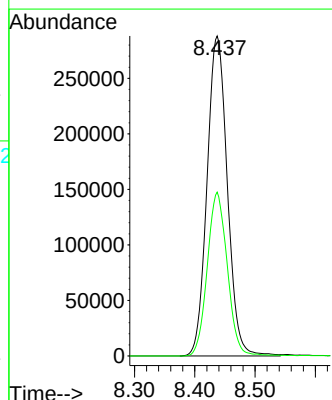
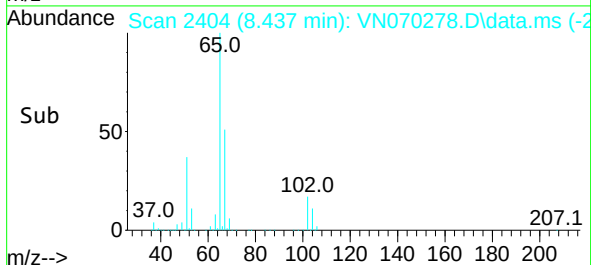
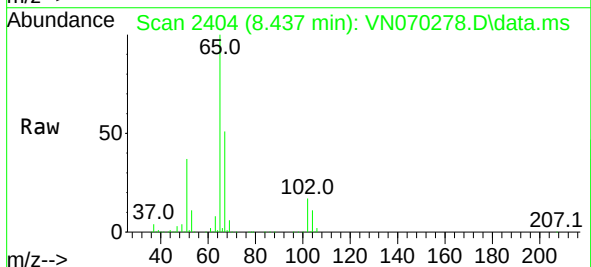


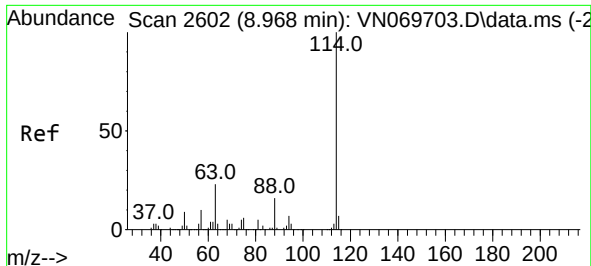
Tgt Ion: 97 Resp: 3201
 Ion Ratio Lower Upper
 97 100
 99 0.0 50.1 75.1#
 61 58.5 35.2 52.8#



#33
 1,2-Dichloroethane-d4
 Concen: 65.199 ug/l
 RT: 8.437 min Scan# 2404
 Delta R.T. 0.000 min
 Lab File: VN070278.D
 Acq: 21 Dec 2021 19:41

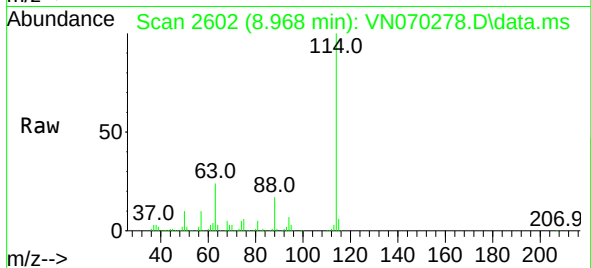
Tgt Ion: 65 Resp: 674927
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 103.0



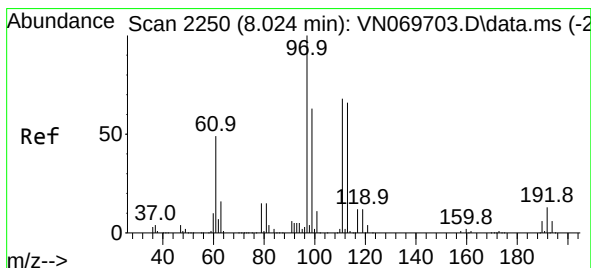
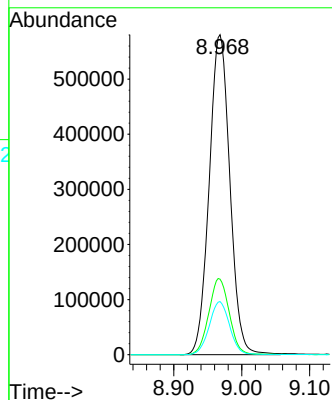
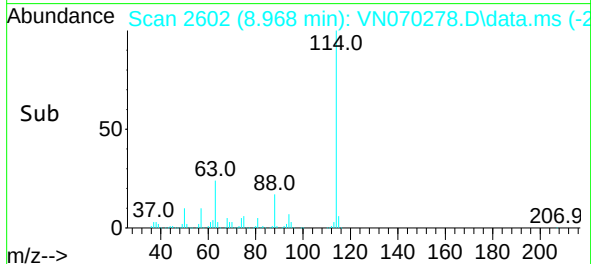


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2069
Delta R.T. 0.000 min
Lab File: VN070278.D
Acq: 21 Dec 2021 19:41

Instrument :
MSVOA_N
ClientSampleId :

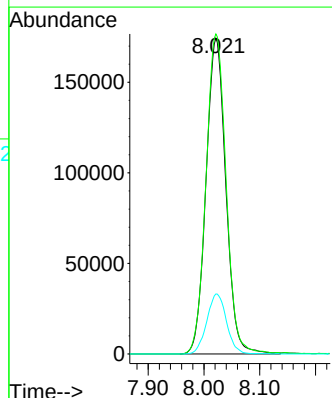
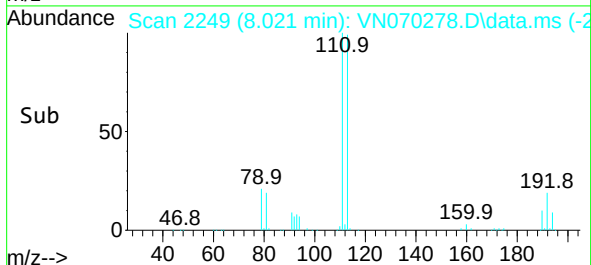
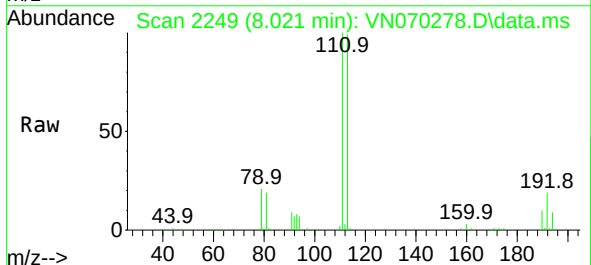


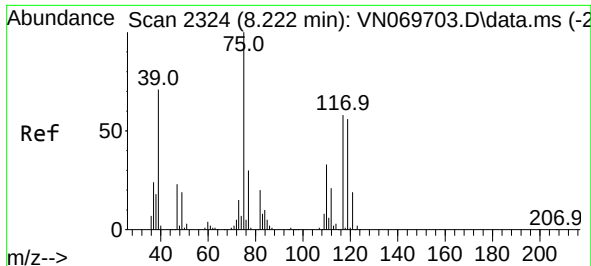
Tgt Ion:114 Resp: 1226878
Ion Ratio Lower Upper
114 100
63 23.6 0.0 37.8
88 16.6 0.0 27.4



#35
Dibromofluoromethane
Concen: 55.878 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. -0.003 min
Lab File: VN070278.D
Acq: 21 Dec 2021 19:41

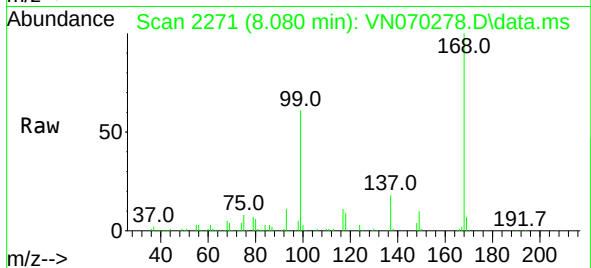
Tgt Ion:113 Resp: 429419
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.2
192 18.9 16.9 25.3



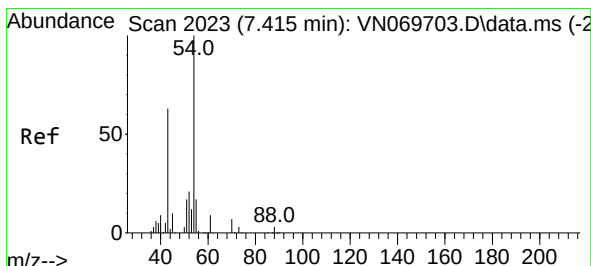
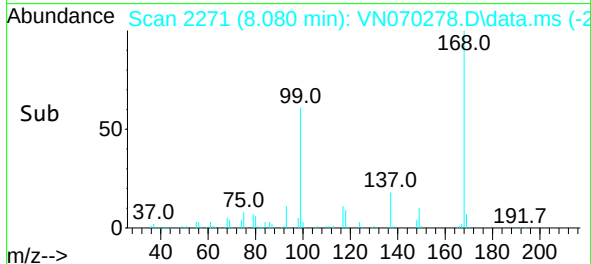
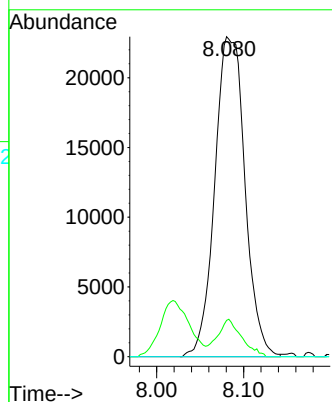


#36
 1,1-Dichloropropene
 Concen: 4.737 ug/l
 RT: 8.080 min Scan# 21
 Delta R.T. -0.142 min
 Lab File: VN070278.D
 Acq: 21 Dec 2021 19:41

Instrument :
 MSVOA_N
 ClientSampleId :

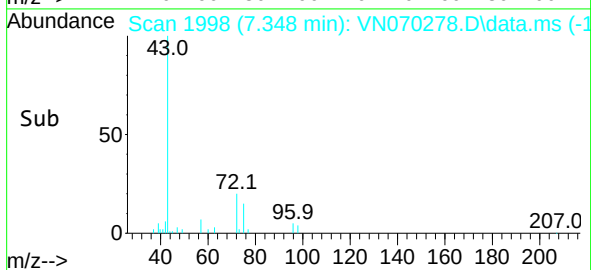
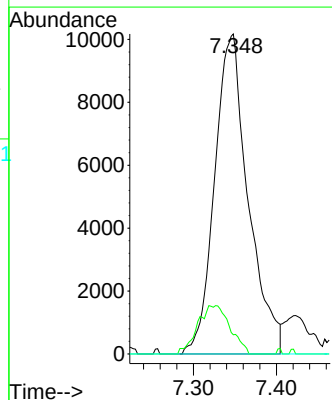
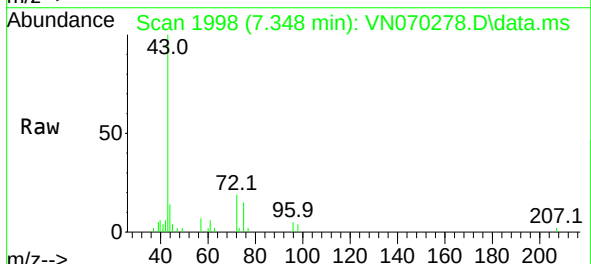


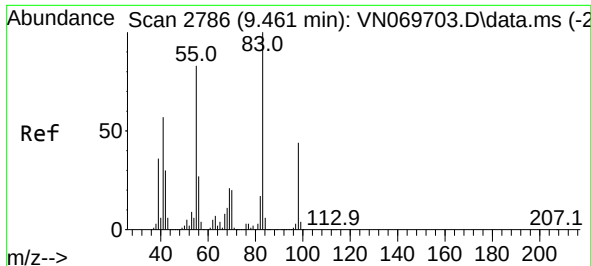
Tgt Ion: 75 Resp: 55322
 Ion Ratio Lower Upper
 75 100
 110 9.3 18.4 55.2#
 77 0.0 24.4 36.6#



#37
 Ethyl Acetate
 Concen: 1.642 ug/l
 RT: 7.348 min Scan# 1998
 Delta R.T. -0.067 min
 Lab File: VN070278.D
 Acq: 21 Dec 2021 19:41

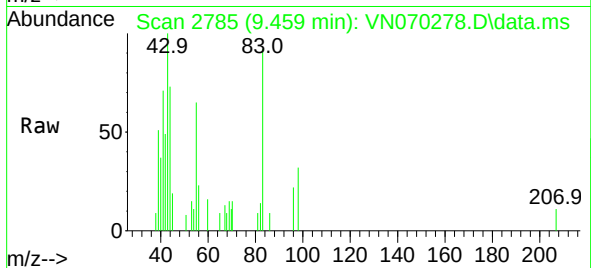
Tgt Ion: 43 Resp: 28545
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.5 17.3#
 70 0.0 7.9 11.9#



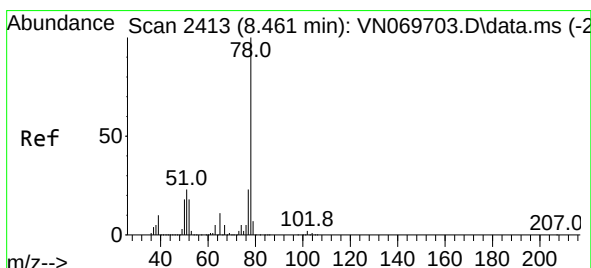
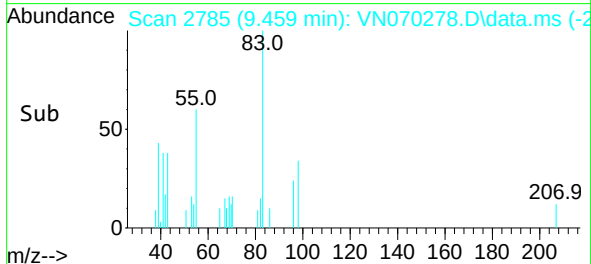
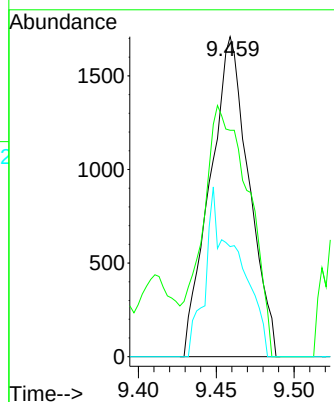


#39
Methylcyclohexane
Concen: 0.213 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070278.D
Acq: 21 Dec 2021 19:41

Instrument :
MSVOA_N
ClientSampleId :

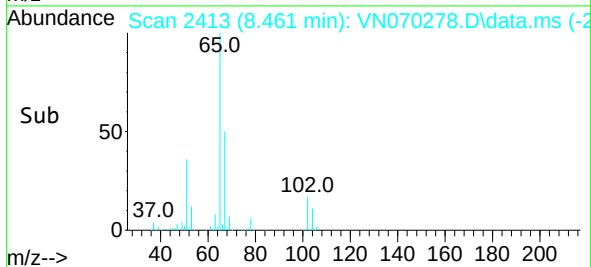
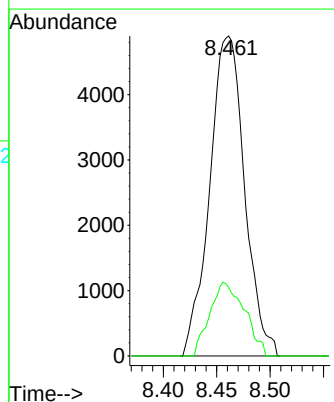
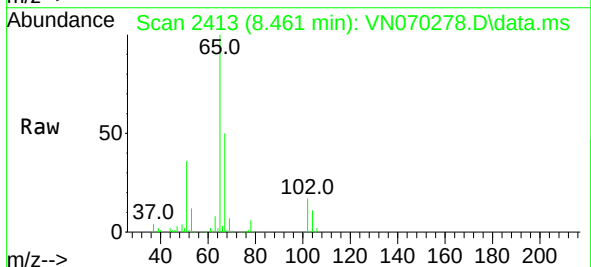


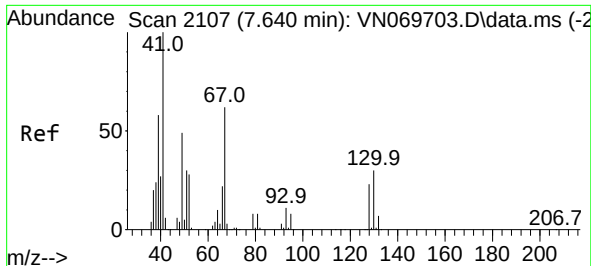
Tgt Ion: 83 Resp: 2963
Ion Ratio Lower Upper
83 100
55 70.7 58.1 87.1
98 34.4 38.4 57.6#



#40
Benzene
Concen: 0.312 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN070278.D
Acq: 21 Dec 2021 19:41

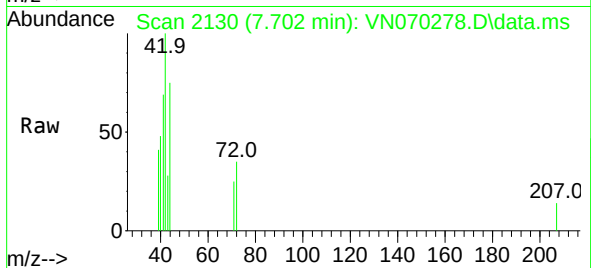
Tgt Ion: 78 Resp: 11145
Ion Ratio Lower Upper
78 100
77 21.4 18.6 27.8



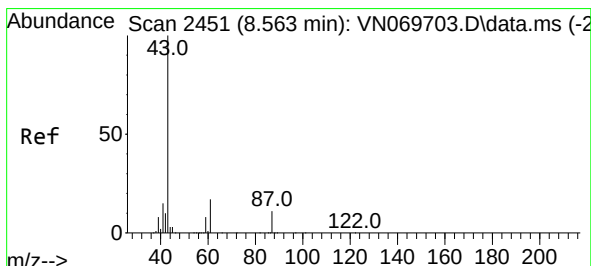
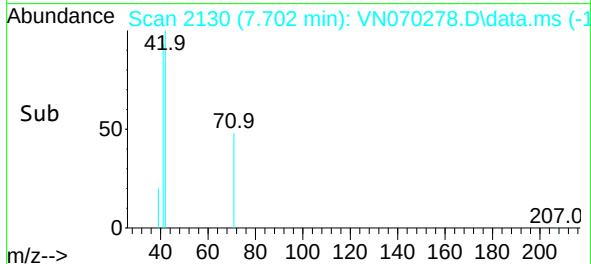
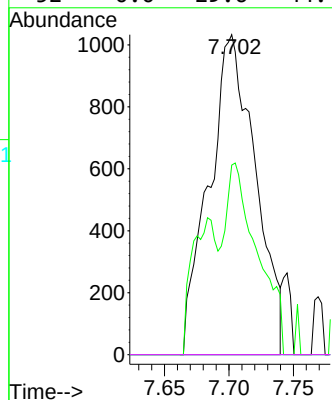


#41
Methacrylonitrile
Concen: 0.318 ug/l
RT: 7.702 min Scan# 2107
Delta R.T. 0.062 min
Lab File: VN070278.D
Acq: 21 Dec 2021 19:41

Instrument :
MSVOA_N
ClientSampleId :

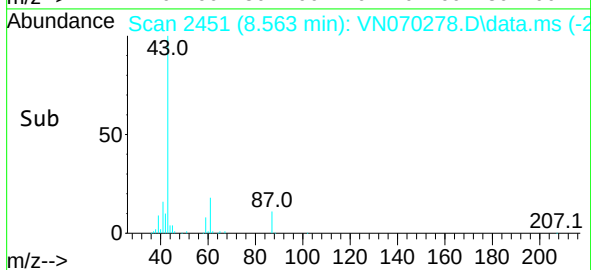
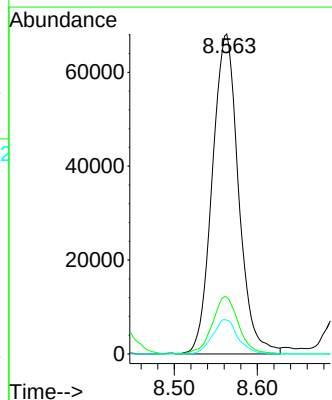
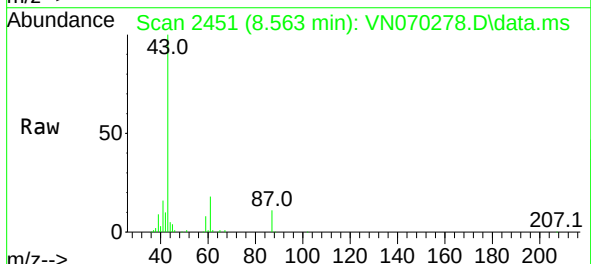


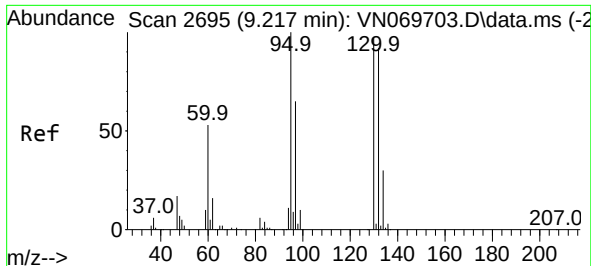
Tgt Ion: 41 Resp: 2597
Ion Ratio Lower Upper
41 100
39 40.2 48.1 72.1#
67 0.0 68.3 102.5#
52 0.0 29.6 44.4#



#43
Isopropyl Acetate
Concen: 5.826 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.000 min
Lab File: VN070278.D
Acq: 21 Dec 2021 19:41

Tgt Ion: 43 Resp: 149874
Ion Ratio Lower Upper
43 100
61 18.0 20.4 30.6#
87 10.4 11.2 16.8#

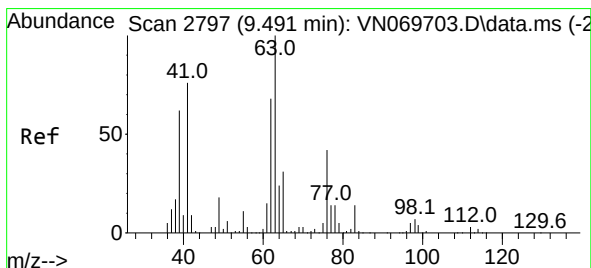
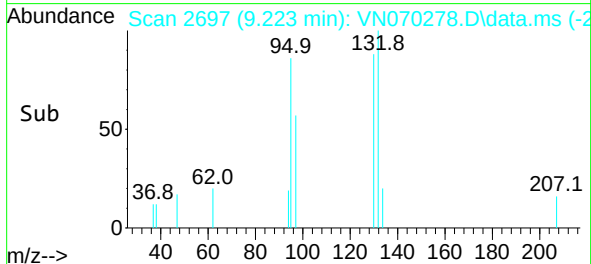
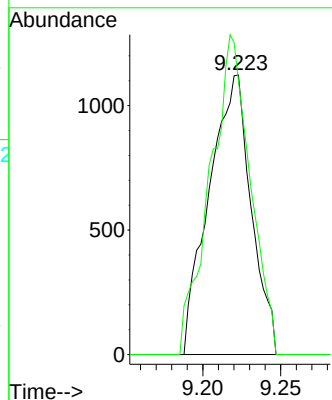
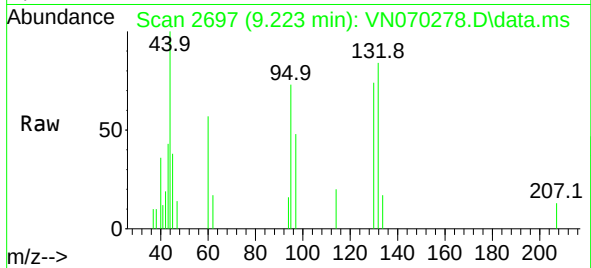




#44
Trichloroethene
Concen: 0.248 ug/l
RT: 9.223 min Scan# 207
Delta R.T. 0.006 min
Lab File: VN070278.D
Acq: 21 Dec 2021 19:41

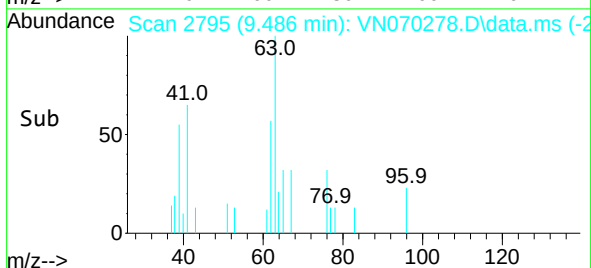
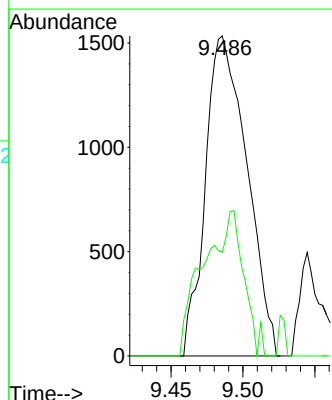
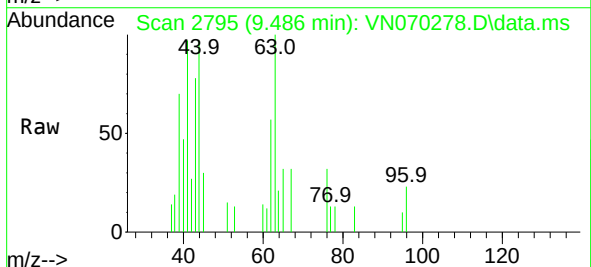
Instrument :
MSVOA_N
ClientSampleId :

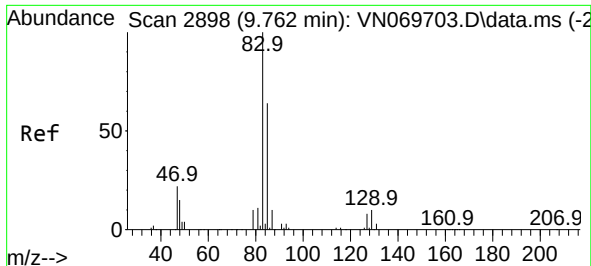
Tgt Ion:130 Resp: 2110
Ion Ratio Lower Upper
130 100
95 98.0 0.0 191.2



#45
1,2-Dichloropropane
Concen: 0.321 ug/l
RT: 9.486 min Scan# 2795
Delta R.T. -0.005 min
Lab File: VN070278.D
Acq: 21 Dec 2021 19:41

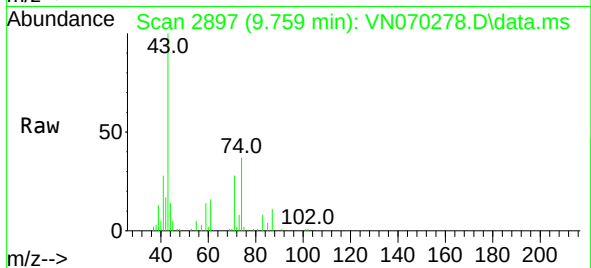
Tgt Ion: 63 Resp: 3079
Ion Ratio Lower Upper
63 100
65 32.4 24.7 37.1



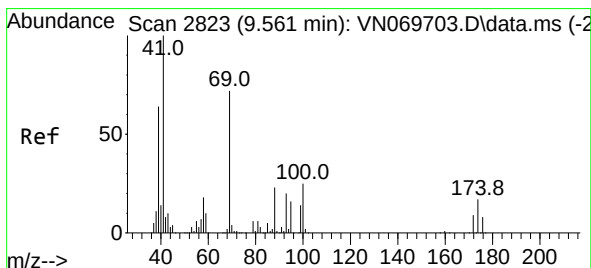
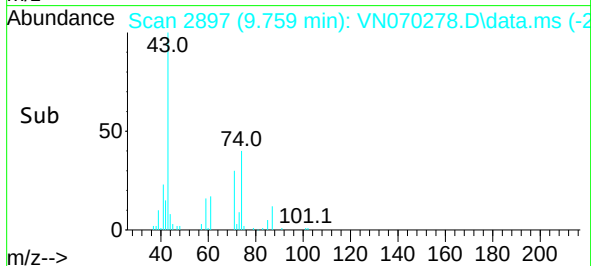
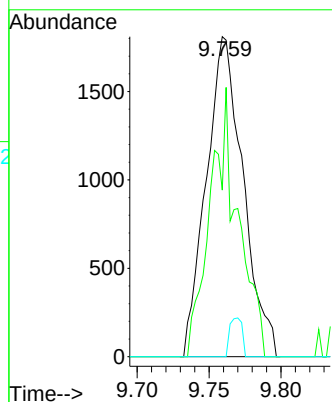


#47
Bromodichloromethane
Concen: 0.271 ug/l
RT: 9.759 min Scan# 2897
Delta R.T. -0.003 min
Lab File: VN070278.D
Acq: 21 Dec 2021 19:41

Instrument :
MSVOA_N
ClientSampleId :

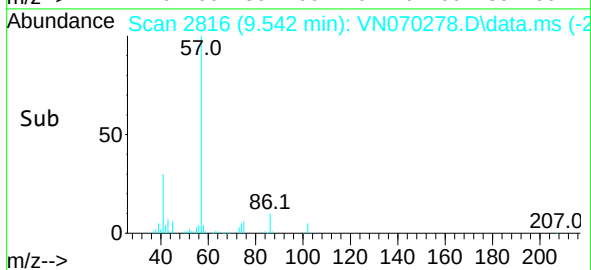
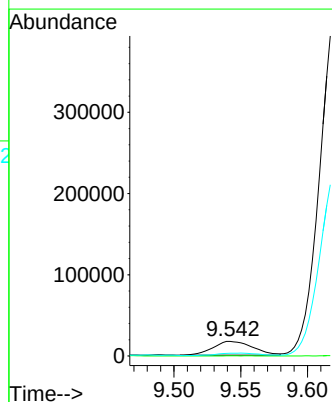
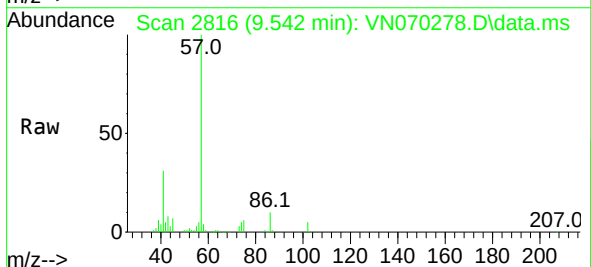


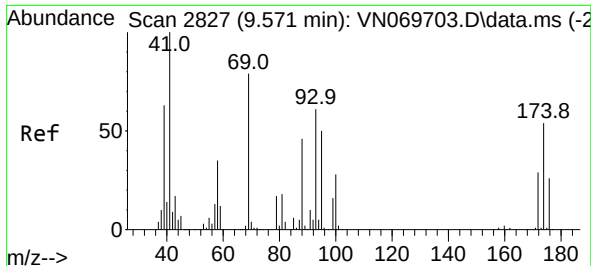
Tgt Ion: 83 Resp: 3225
Ion Ratio Lower Upper
83 100
85 52.0 50.9 76.3
127 0.0 7.1 10.7#



#48
Methyl methacrylate
Concen: 2.949 ug/l
RT: 9.542 min Scan# 2816
Delta R.T. -0.019 min
Lab File: VN070278.D
Acq: 21 Dec 2021 19:41

Tgt Ion: 41 Resp: 35407
Ion Ratio Lower Upper
41 100
69 0.4 72.4 108.6#
39 0.0 58.4 87.6#





#49

1,4-Dioxane

Concen: 4.731 ug/l

RT: 9.620 min Scan# 21

Delta R.T. 0.048 min

Lab File: VN070278.D

Acq: 21 Dec 2021 19:41

Instrument :

MSVOA_N

ClientSampleId :

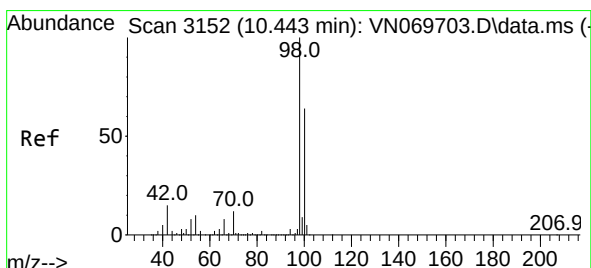
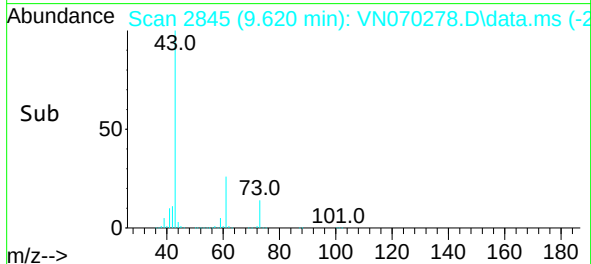
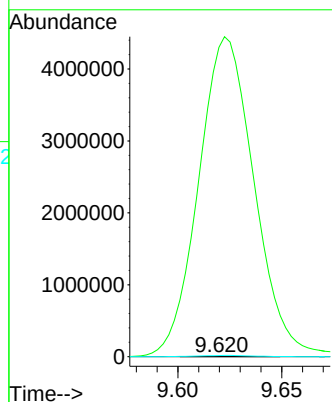
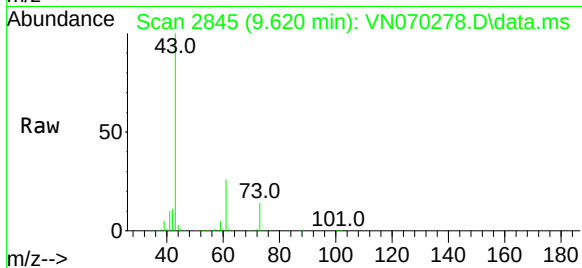
Tgt Ion: 88 Resp: 1019

Ion Ratio Lower Upper

88 100

43 825069.3 23.4 35.2#

58 3013.2 50.6 75.8#



#50

Toluene-d8

Concen: 43.751 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. -0.003 min

Lab File: VN070278.D

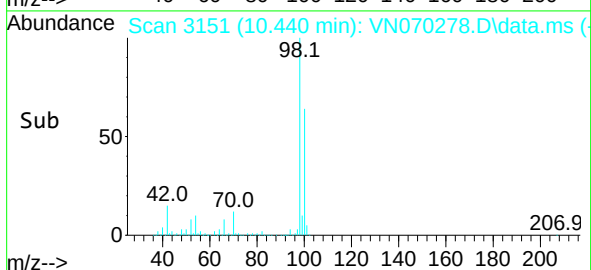
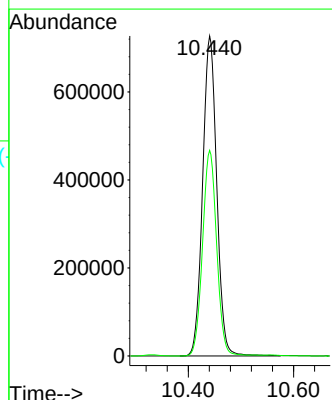
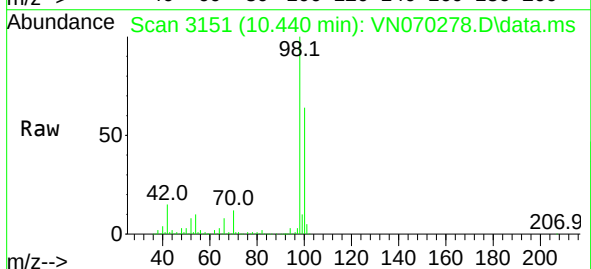
Acq: 21 Dec 2021 19:41

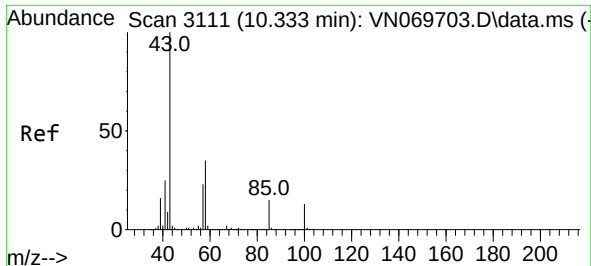
Tgt Ion: 98 Resp: 1350038

Ion Ratio Lower Upper

98 100

100 64.3 50.4 75.6

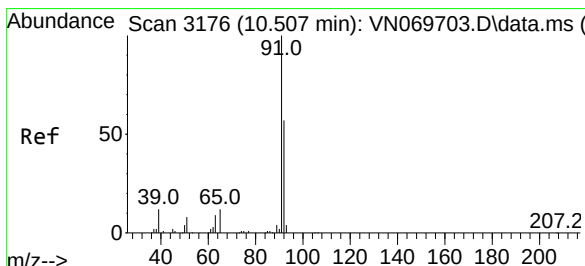
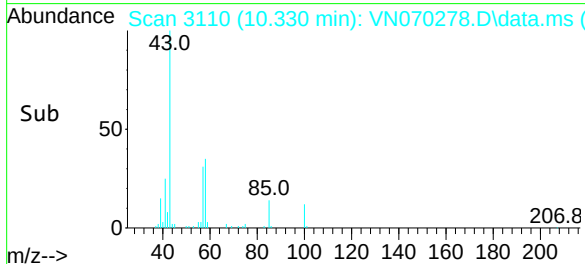
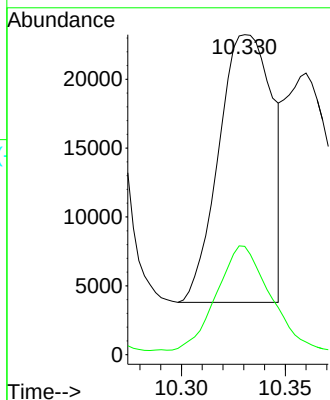
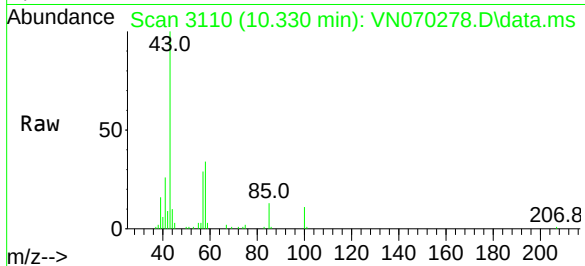




#51
4-Methyl-2-Pentanone
Concen: 2.085 ug/l
RT: 10.330 min Scan# 3111
Delta R.T. -0.003 min
Lab File: VN070278.D
Acq: 21 Dec 2021 19:41

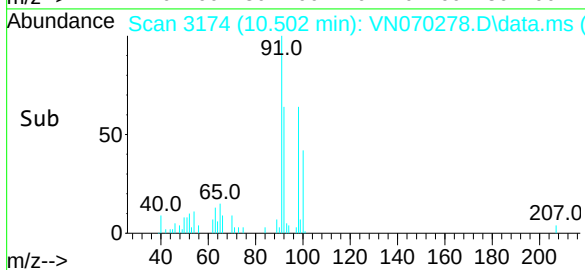
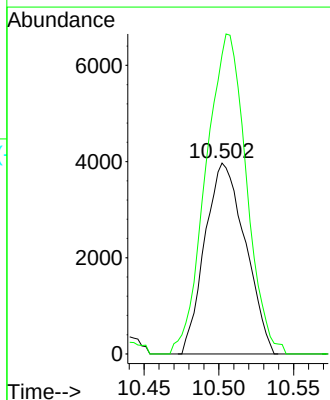
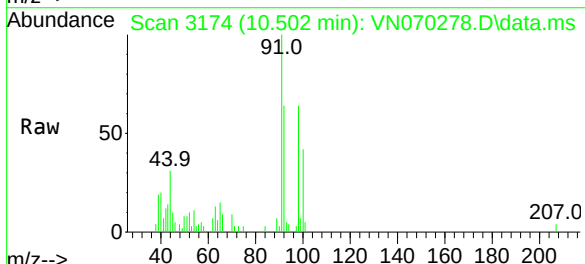
Instrument :
MSVOA_N
ClientSampleId :

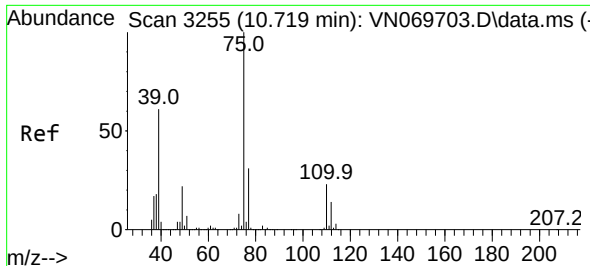
Tgt Ion: 43 Resp: 34800
Ion Ratio Lower Upper
43 100
58 40.0 30.4 45.6



#52
Toluene
Concen: 0.342 ug/l
RT: 10.502 min Scan# 3174
Delta R.T. -0.005 min
Lab File: VN070278.D
Acq: 21 Dec 2021 19:41

Tgt Ion: 92 Resp: 7456
Ion Ratio Lower Upper
92 100
91 167.5 142.0 213.0

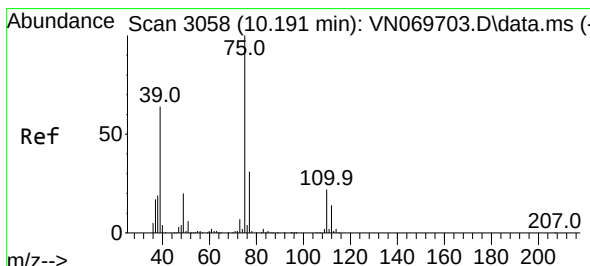
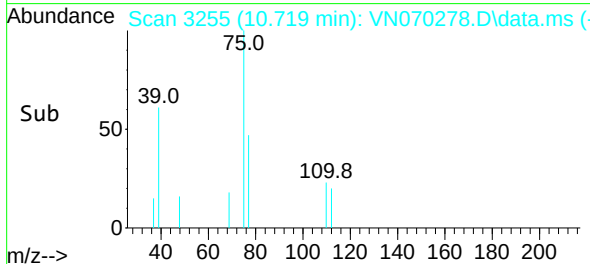
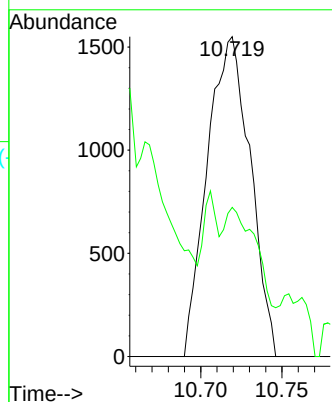
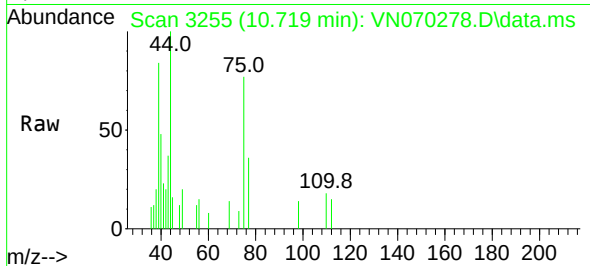




#53
t-1,3-Dichloropropene
Concen: 2.982 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070278.D
Acq: 21 Dec 2021 19:41

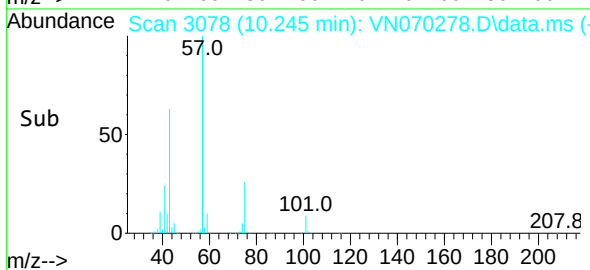
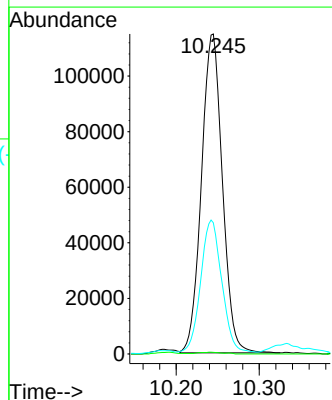
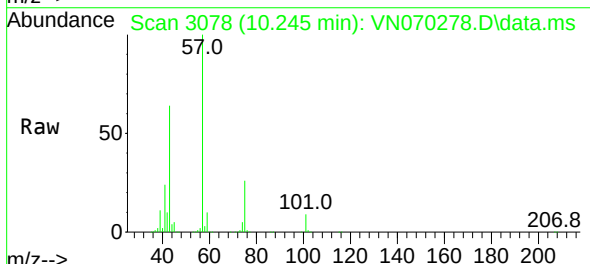
Instrument :
MSVOA_N
ClientSampleId :

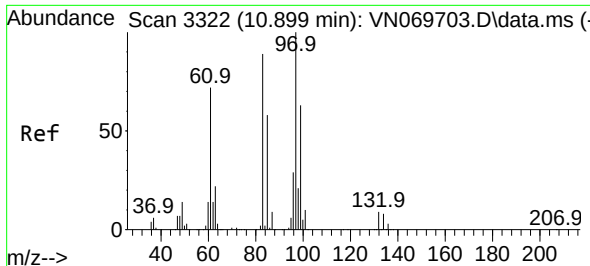
Tgt Ion: 75 Resp: 2851
Ion Ratio Lower Upper
75 100
77 30.7 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 14.852 ug/l
RT: 10.245 min Scan# 3078
Delta R.T. 0.054 min
Lab File: VN070278.D
Acq: 21 Dec 2021 19:41

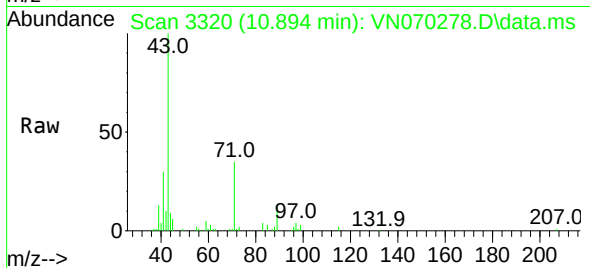
Tgt Ion: 75 Resp: 201208
Ion Ratio Lower Upper
75 100
77 0.5 26.4 39.6#
39 40.4 42.5 63.7#



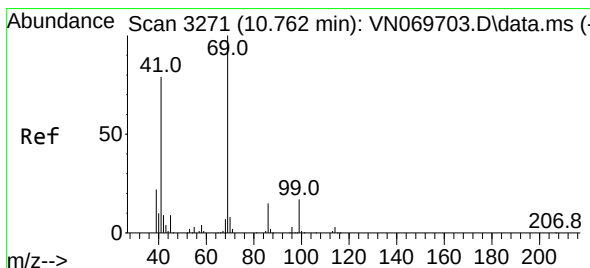
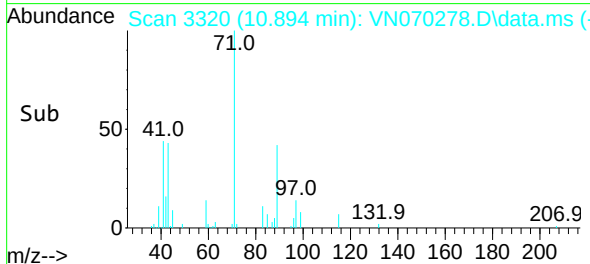
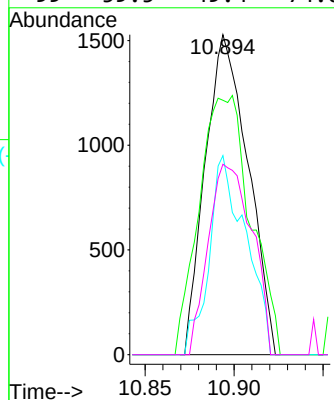


#55
1,1,2-Trichloroethane
Concen: 0.290 ug/l
RT: 10.894 min Scan# 31
Delta R.T. -0.005 min
Lab File: VN070278.D
Acq: 21 Dec 2021 19:41

Instrument :
MSVOA_N
ClientSampleId :

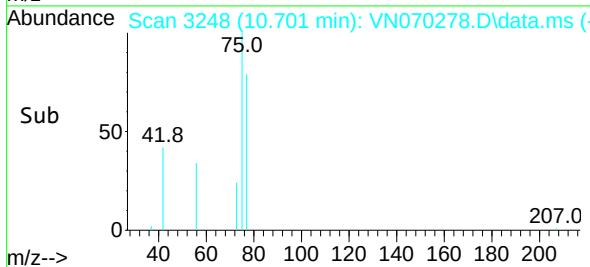
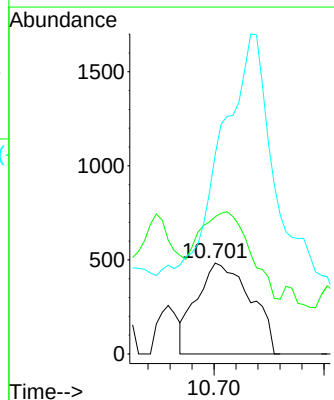
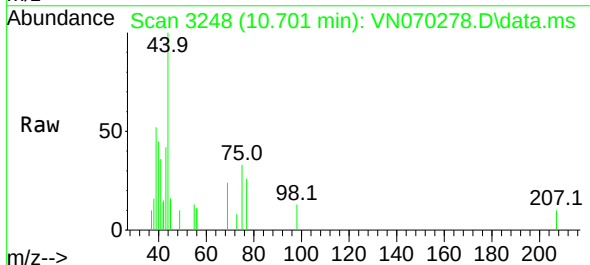


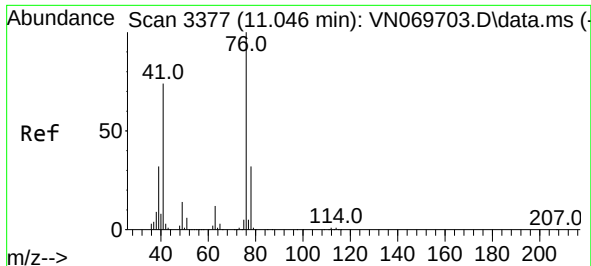
Tgt Ion:	97	Resp:	2552
Ion	Ratio	Lower	Upper
97	100		
83	79.5	67.8	101.6
85	62.2	45.4	68.2
99	59.5	49.4	74.0



#56
Ethyl methacrylate
Concen: 2.326 ug/l
RT: 10.701 min Scan# 3248
Delta R.T. -0.061 min
Lab File: VN070278.D
Acq: 21 Dec 2021 19:41

Tgt Ion:	69	Resp:	821
Ion	Ratio	Lower	Upper
69	100		
41	0.0	51.4	77.0#
39	345.8	34.6	52.0#





#57

1,3-Dichloropropane

Concen: 7.830 ug/l

RT: 11.089 min Scan# 31

Delta R.T. 0.043 min

Lab File: VN070278.D

Acq: 21 Dec 2021 19:41

Instrument :

MSVOA_N

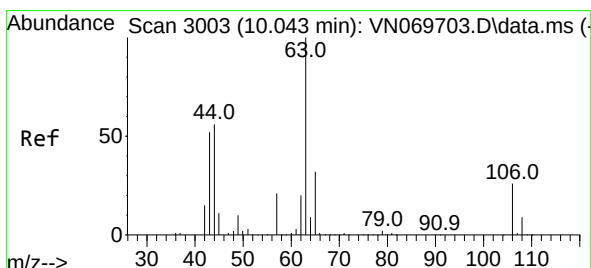
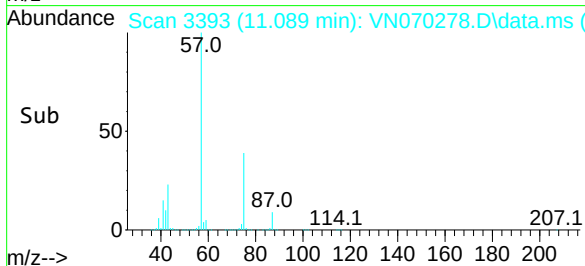
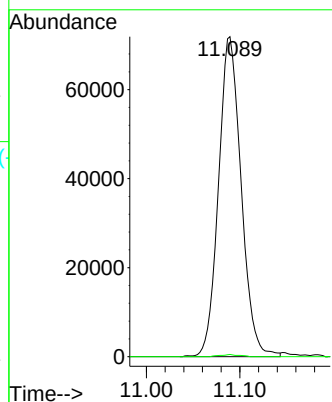
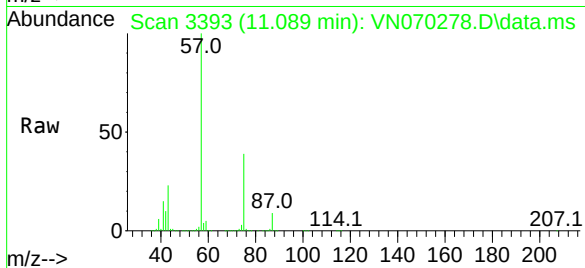
ClientSampleId :

Tgt Ion: 76 Resp: 121236

Ion Ratio Lower Upper

76 100

78 0.6 25.7 38.5#



#58

2-Chloroethyl Vinyl ether

Concen: 18.481 ug/l

RT: 10.046 min Scan# 3004

Delta R.T. 0.003 min

Lab File: VN070278.D

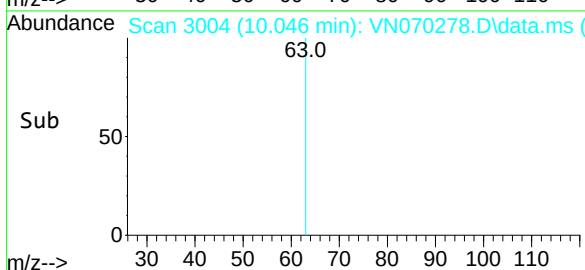
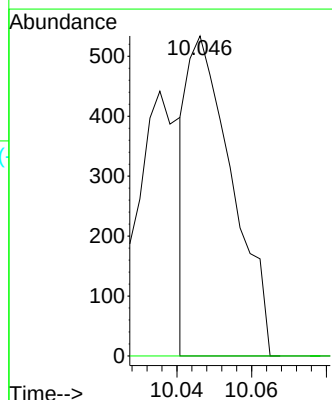
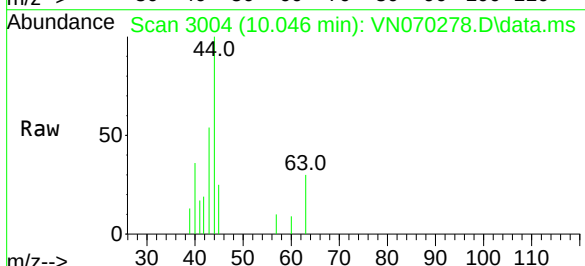
Acq: 21 Dec 2021 19:41

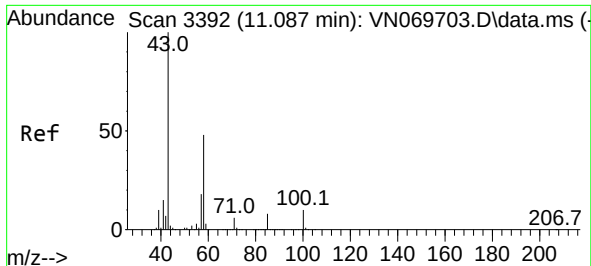
Tgt Ion: 63 Resp: 444

Ion Ratio Lower Upper

63 100

106 0.0 23.9 35.9#

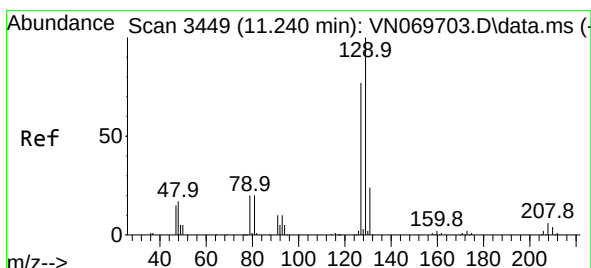
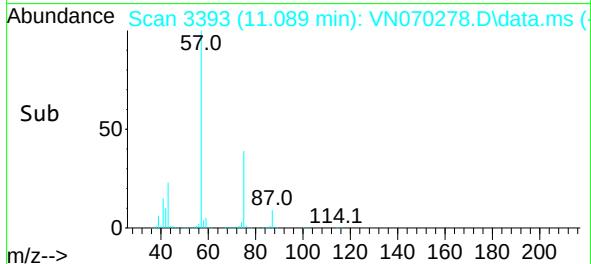
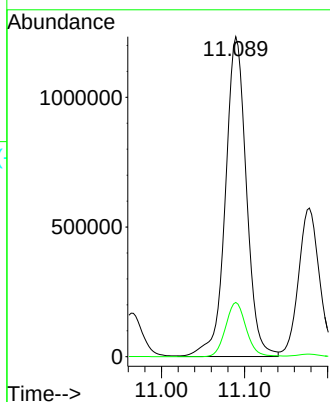
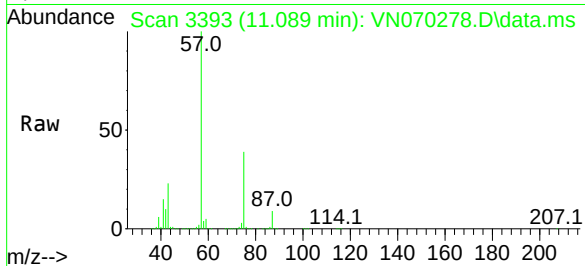




#59
2-Hexanone
Concen: 171.817 ug/l
RT: 11.089 min Scan# 31
Delta R.T. 0.002 min
Lab File: VN070278.D
Acq: 21 Dec 2021 19:41

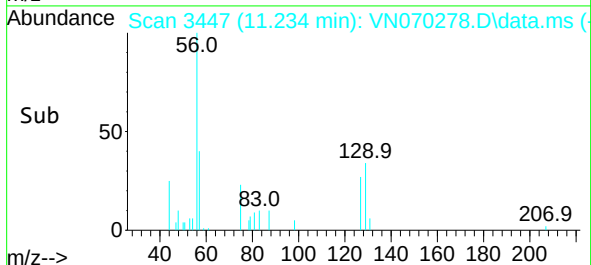
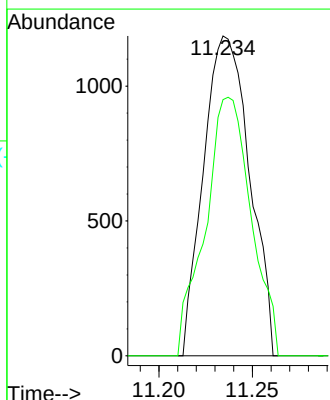
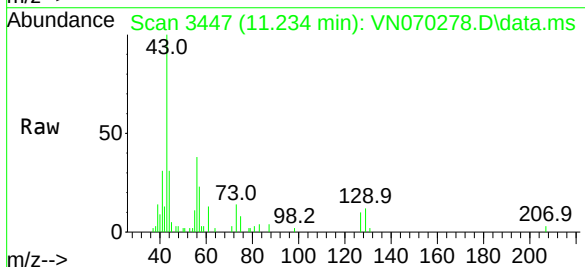
Instrument :
MSVOA_N
ClientSampleId :

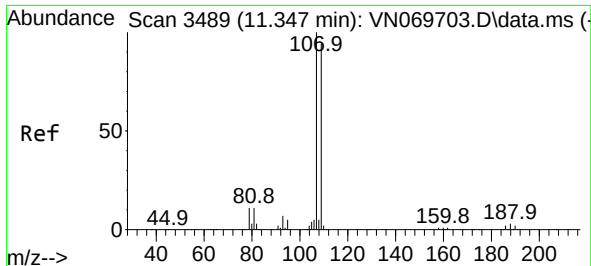
Tgt Ion: 43 Resp: 2169044
Ion Ratio Lower Upper
43 100
58 16.6 26.9 80.7#



#60
Dibromochloromethane
Concen: 2.582 ug/l
RT: 11.234 min Scan# 3447
Delta R.T. -0.006 min
Lab File: VN070278.D
Acq: 21 Dec 2021 19:41

Tgt Ion:129 Resp: 2036
Ion Ratio Lower Upper
129 100
127 80.5 38.6 116.0

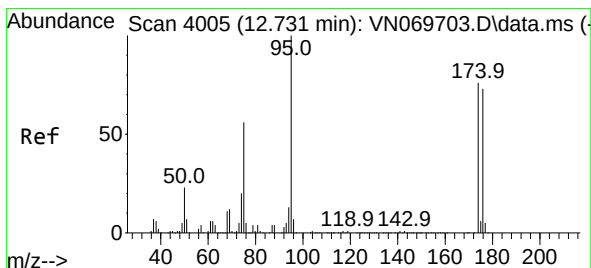
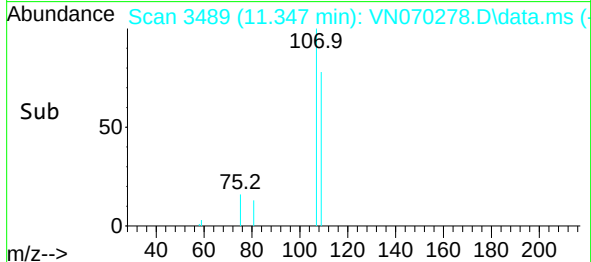
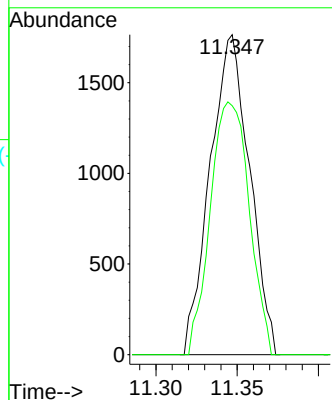
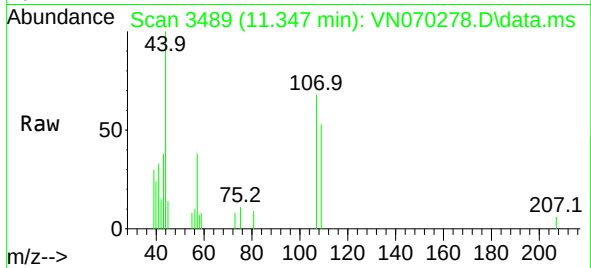




#61
1,2-Dibromoethane
Concen: 0.327 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN070278.D
Acq: 21 Dec 2021 19:41

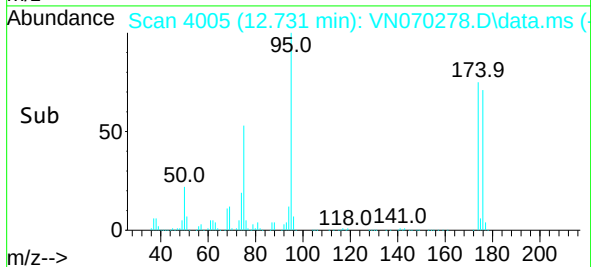
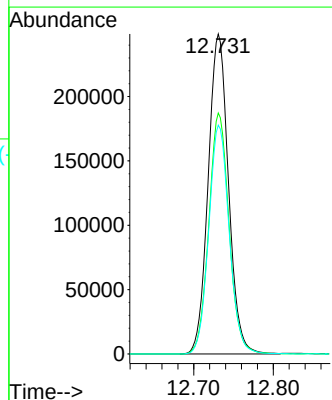
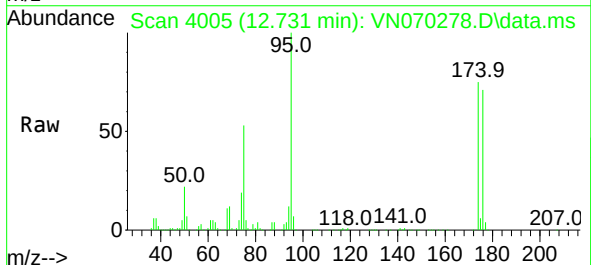
Instrument :
MSVOA_N
ClientSampleId :

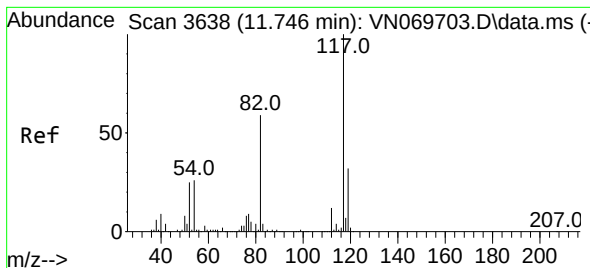
Tgt Ion:107 Resp: 2983
Ion Ratio Lower Upper
107 100
109 77.7 75.7 113.5



#62
4-Bromofluorobenzene
Concen: 39.498 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070278.D
Acq: 21 Dec 2021 19:41

Tgt Ion: 95 Resp: 441551
Ion Ratio Lower Upper
95 100
174 75.1 0.0 187.2
176 72.0 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.744 min Scan# 3638

Delta R.T. -0.002 min

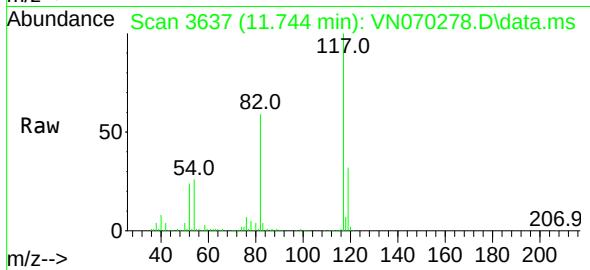
Lab File: VN070278.D

Acq: 21 Dec 2021 19:41

Instrument :

MSVOA_N

ClientSampleId :



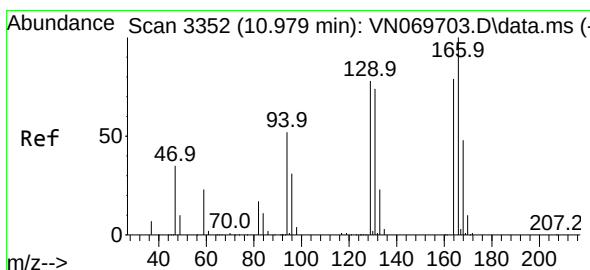
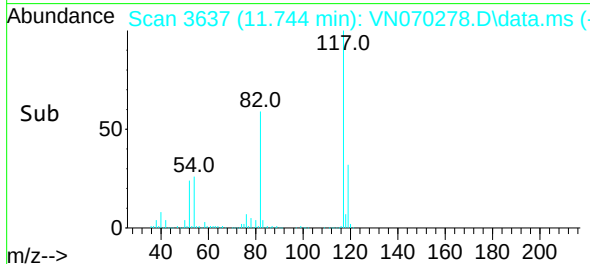
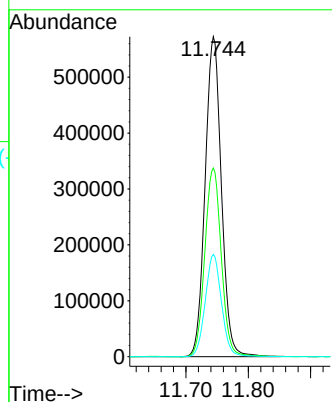
Tgt Ion:117 Resp: 1037314

Ion Ratio Lower Upper

117 100

82 58.9 42.4 63.6

119 32.0 25.4 38.2



#64

Tetrachloroethene

Concen: 0.230 ug/l

RT: 10.980 min Scan# 3352

Delta R.T. 0.001 min

Lab File: VN070278.D

Acq: 21 Dec 2021 19:41

Tgt Ion:164 Resp: 1616

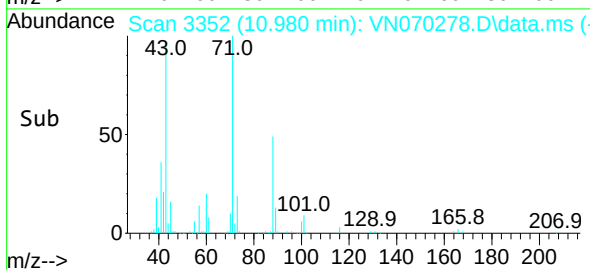
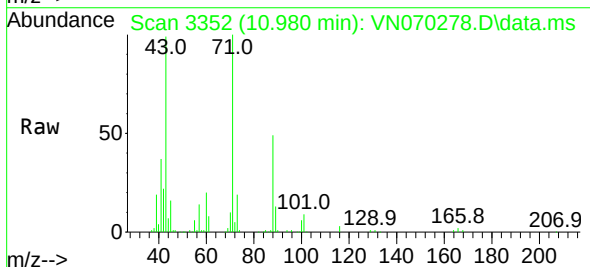
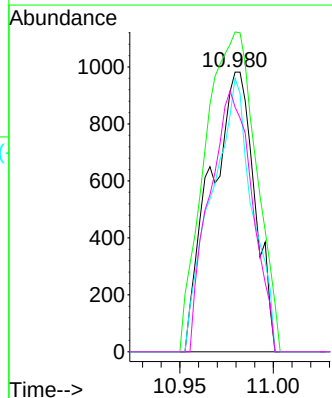
Ion Ratio Lower Upper

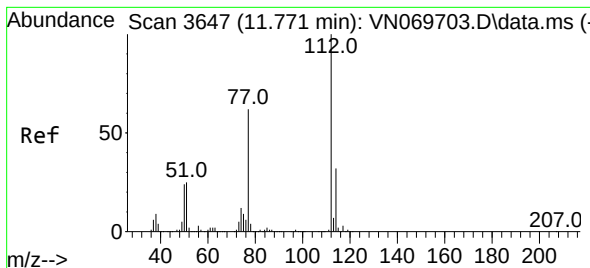
164 100

166 114.4 101.9 152.9

129 97.8 72.0 108.0

131 87.5 70.9 106.3





#65

Chlorobenzene

Concen: 0.319 ug/l

RT: 11.768 min Scan# 3646

Delta R.T. -0.003 min

Lab File: VN070278.D

Acq: 21 Dec 2021 19:41

Instrument :

MSVOA_N

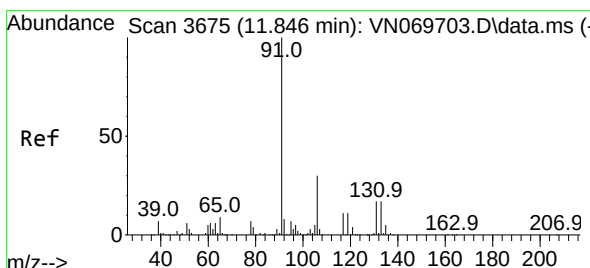
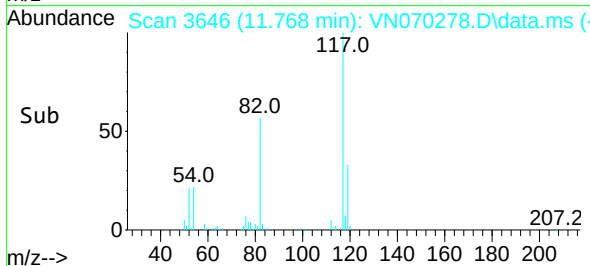
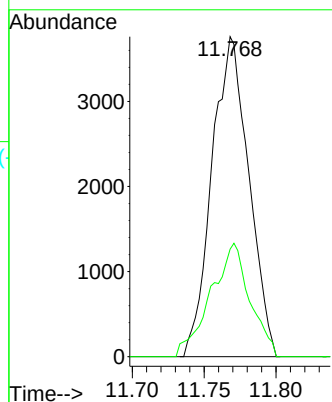
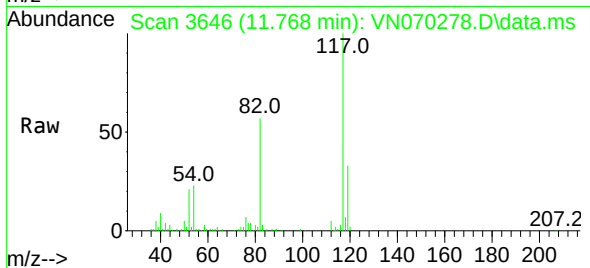
ClientSampleId :

Tgt Ion:112 Resp: 6711

Ion Ratio Lower Upper

112 100

114 33.6 25.4 38.0



#67

Ethyl Benzene

Concen: 0.264 ug/l

RT: 11.843 min Scan# 3674

Delta R.T. -0.003 min

Lab File: VN070278.D

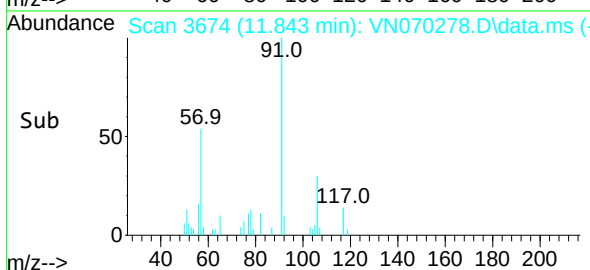
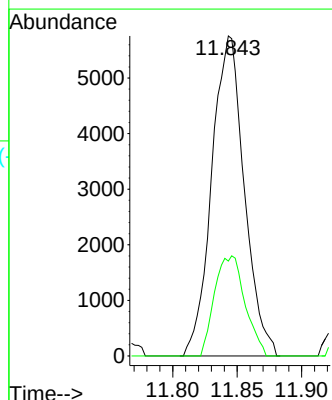
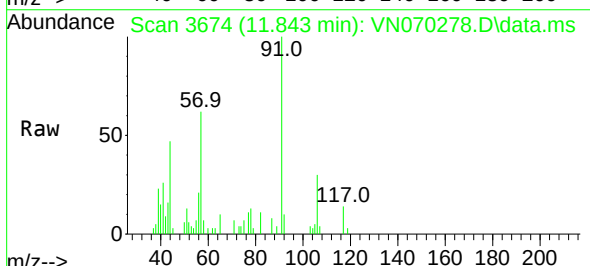
Acq: 21 Dec 2021 19:41

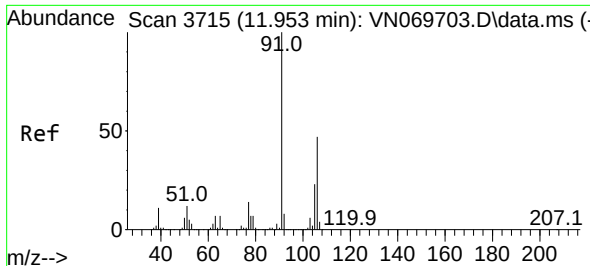
Tgt Ion: 91 Resp: 10103

Ion Ratio Lower Upper

91 100

106 29.7 25.7 38.5

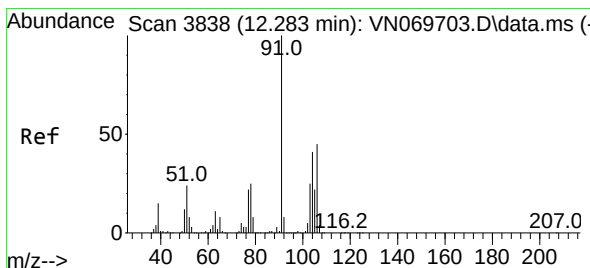
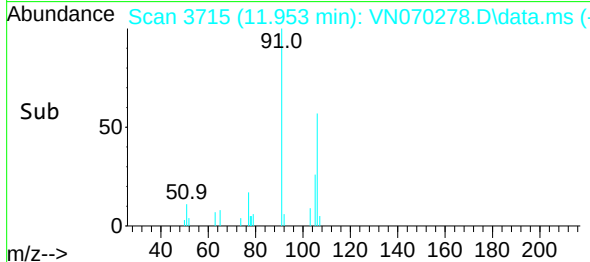
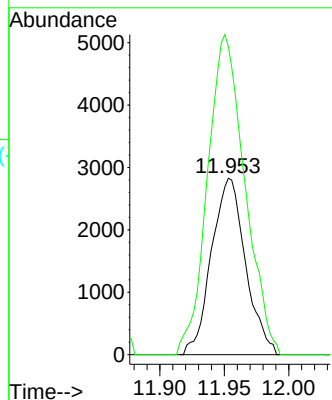
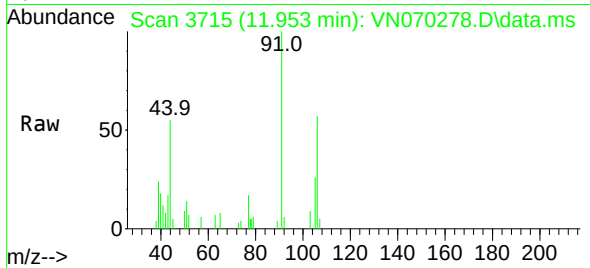




#68
m/p-Xylenes
Concen: 0.373 ug/l
RT: 11.953 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070278.D
Acq: 21 Dec 2021 19:41

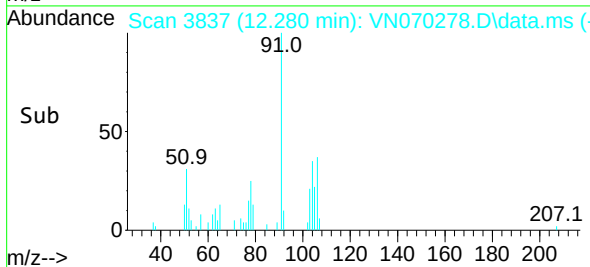
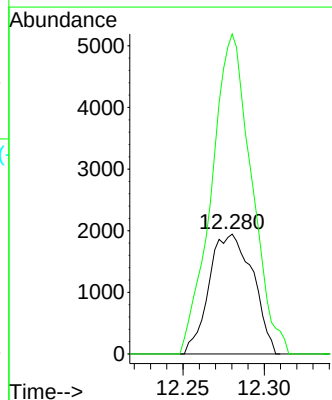
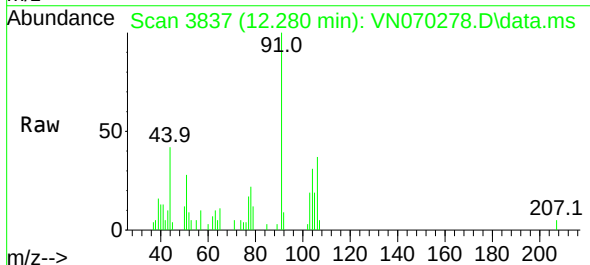
Instrument :
MSVOA_N
ClientSampleId :

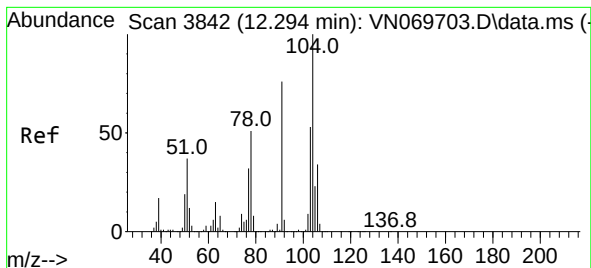
Tgt Ion:106 Resp: 5197
Ion Ratio Lower Upper
106 100
91 198.9 160.6 240.8



#69
o-Xylene
Concen: 0.259 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN070278.D
Acq: 21 Dec 2021 19:41

Tgt Ion:106 Resp: 3638
Ion Ratio Lower Upper
106 100
91 244.5 105.8 317.3





#70

Styrene

Concen: 0.250 ug/l

RT: 12.296 min Scan# 3842

Delta R.T. 0.002 min

Lab File: VN070278.D

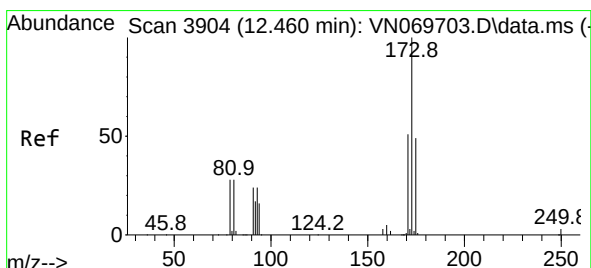
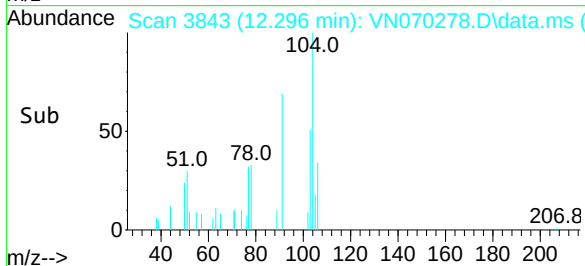
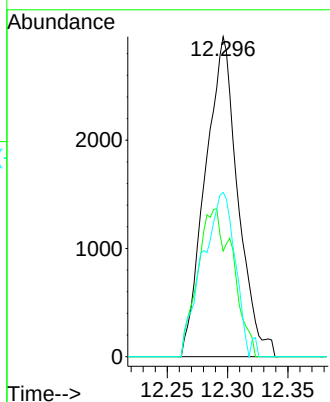
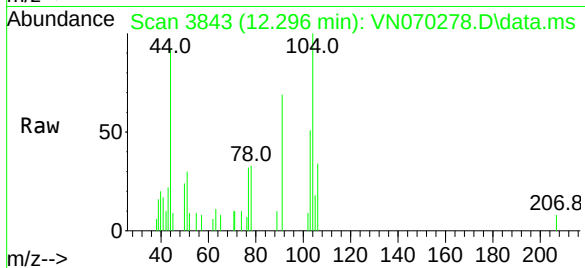
Acq: 21 Dec 2021 19:41

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	104	Resp:	5550
Ion Ratio	Lower	Upper	
104	100		
78	34.5	38.7	58.1#
103	51.0	45.0	67.6



#71

Bromoform

Concen: 2.931 ug/l

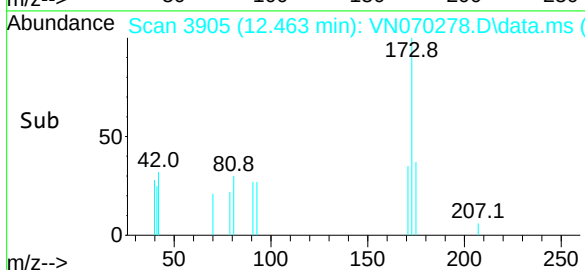
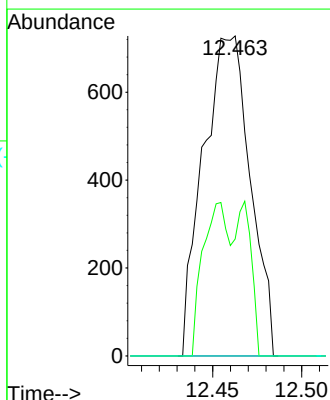
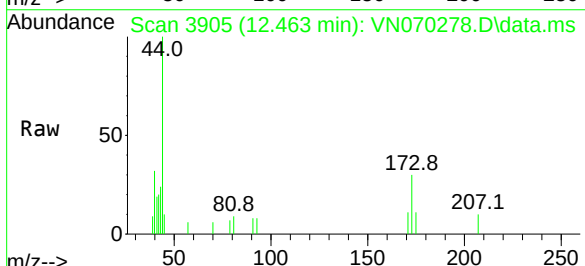
RT: 12.463 min Scan# 3905

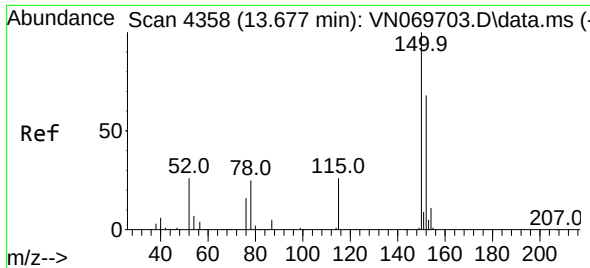
Delta R.T. 0.003 min

Lab File: VN070278.D

Acq: 21 Dec 2021 19:41

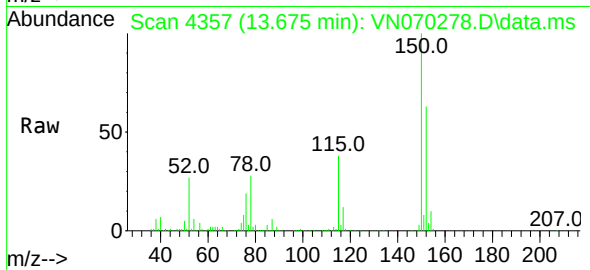
Tgt Ion:	173	Resp:	1340
Ion Ratio	Lower	Upper	
173	100		
175	0.0	24.2	72.6#
254	0.0	0.0	0.0



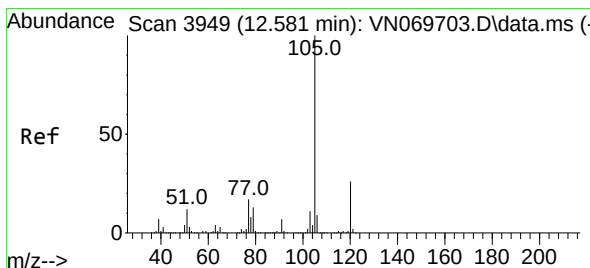
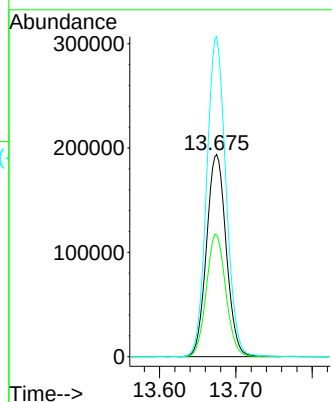
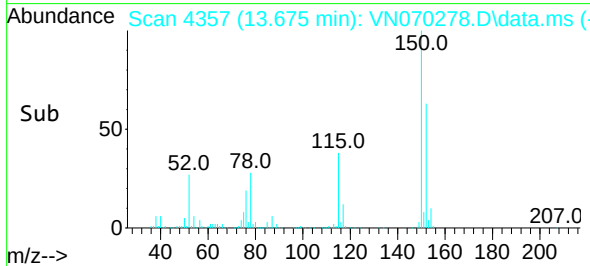


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.675 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VN070278.D
 Acq: 21 Dec 2021 19:41

Instrument :
 MSVOA_N
 ClientSampleId :

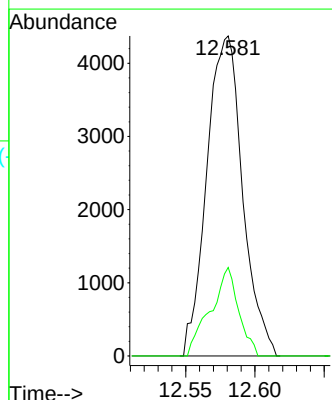
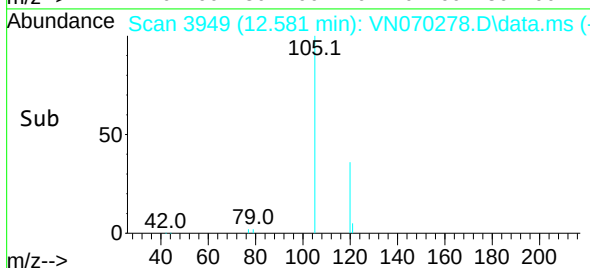
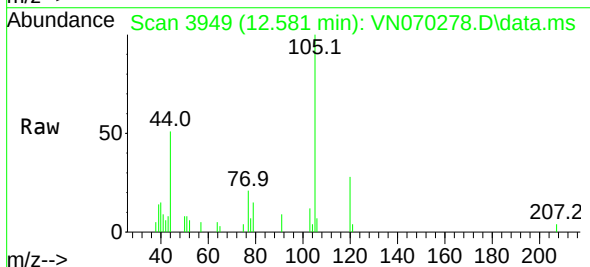


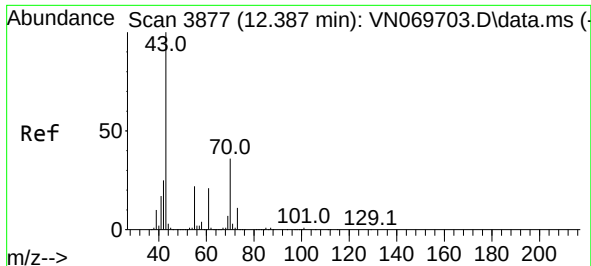
Tgt Ion:152 Resp: 347802
 Ion Ratio Lower Upper
 152 100
 115 59.6 27.5 82.5
 150 154.0 0.0 344.4



#73
 Isopropylbenzene
 Concen: 0.254 ug/l
 RT: 12.581 min Scan# 3949
 Delta R.T. 0.000 min
 Lab File: VN070278.D
 Acq: 21 Dec 2021 19:41

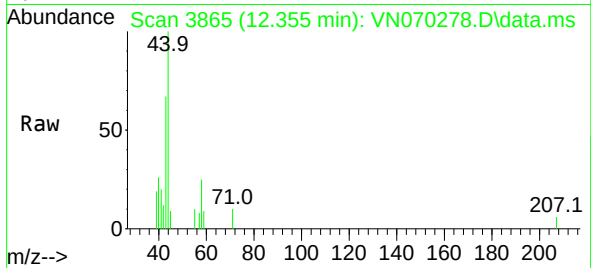
Tgt Ion:105 Resp: 7868
 Ion Ratio Lower Upper
 105 100
 120 21.8 13.4 40.1



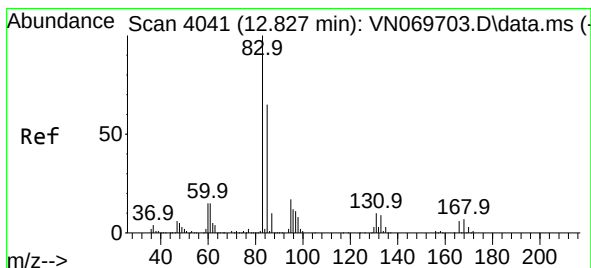
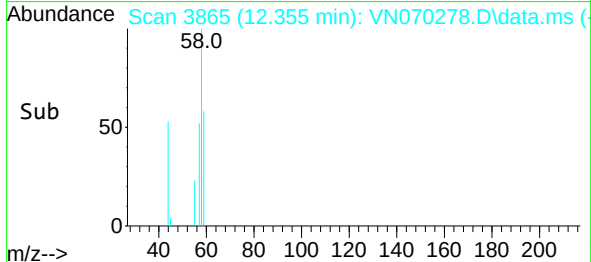
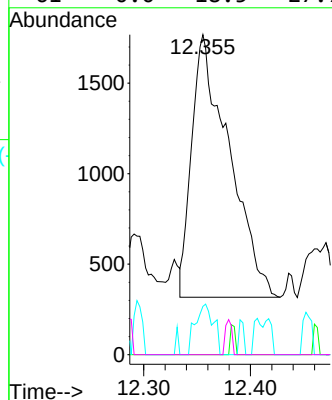


#74
N-amy1 acetate
Concen: 0.257 ug/l
RT: 12.355 min Scan# 3865
Delta R.T. -0.032 min
Lab File: VN070278.D
Acq: 21 Dec 2021 19:41

Instrument :
MSVOA_N
ClientSampleId :

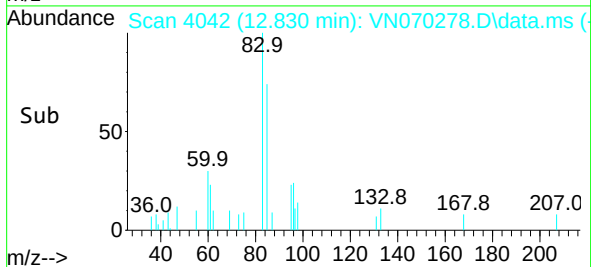
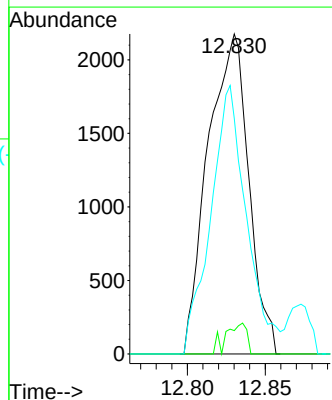
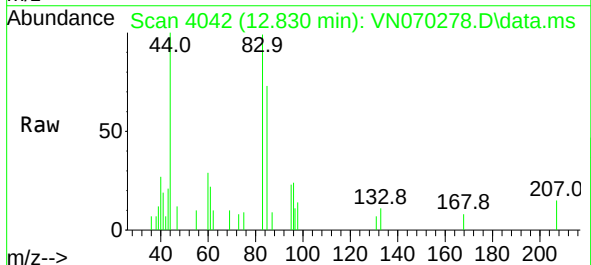


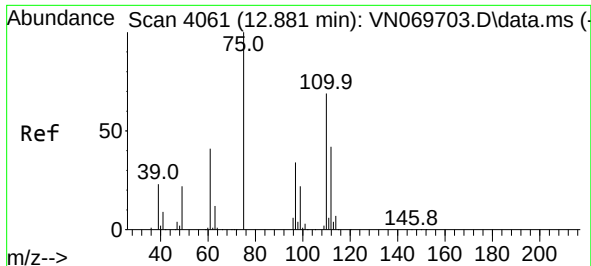
Tgt Ion: 43	Resp: 3518
Ion Ratio	Lower Upper
43 100	
70 0.0	33.4 50.0#
55 9.4	19.3 28.9#
61 0.0	18.5 27.7#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.369 ug/l
RT: 12.830 min Scan# 4042
Delta R.T. 0.003 min
Lab File: VN070278.D
Acq: 21 Dec 2021 19:41

Tgt Ion: 83	Resp: 3950
Ion Ratio	Lower Upper
83 100	
131 4.9	5.5 16.5#
85 74.0	32.4 97.2

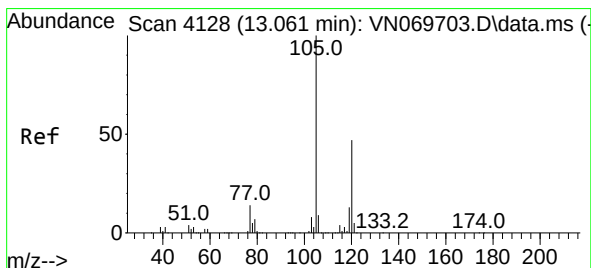
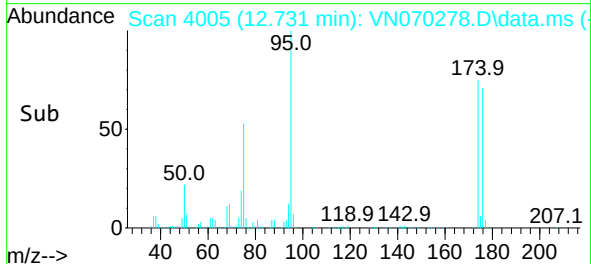
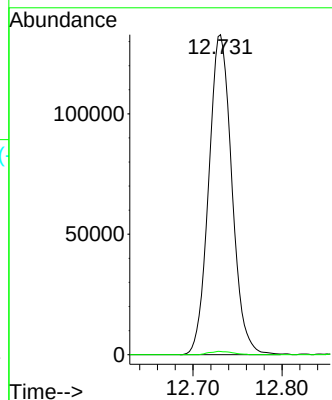
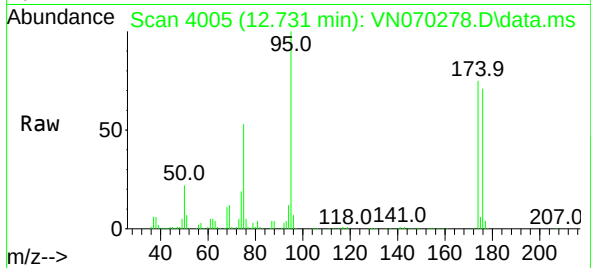




#76
1,2,3-Trichloropropane
Concen: 24.019 ug/l
RT: 12.731 min Scan# 4061
Delta R.T. -0.150 min
Lab File: VN070278.D
Acq: 21 Dec 2021 19:41

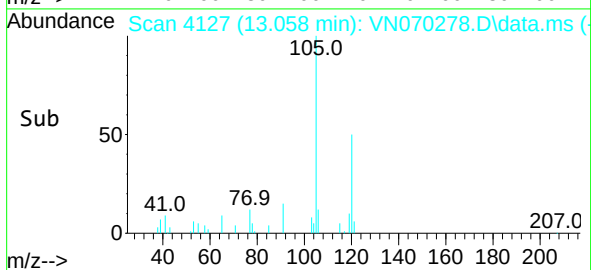
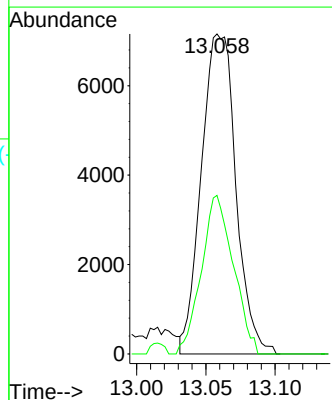
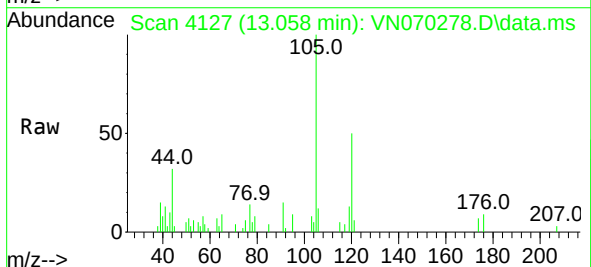
Instrument :
MSVOA_N
ClientSampleId :

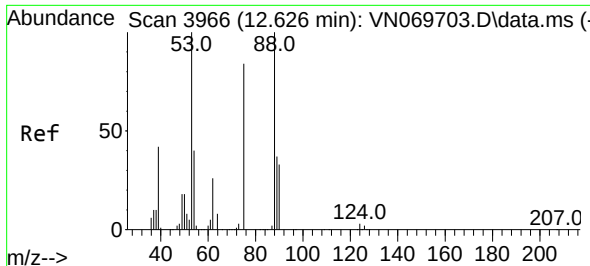
Tgt Ion: 75 Resp: 239566
Ion Ratio Lower Upper
75 100
77 1.0 82.6 247.8#



#80
1,3,5-Trimethylbenzene
Concen: 0.500 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN070278.D
Acq: 21 Dec 2021 19:41

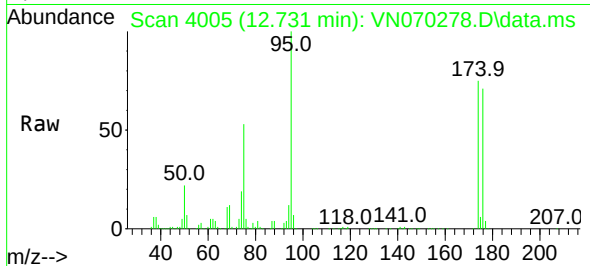
Tgt Ion: 105 Resp: 12443
Ion Ratio Lower Upper
105 100
120 45.8 24.6 73.6



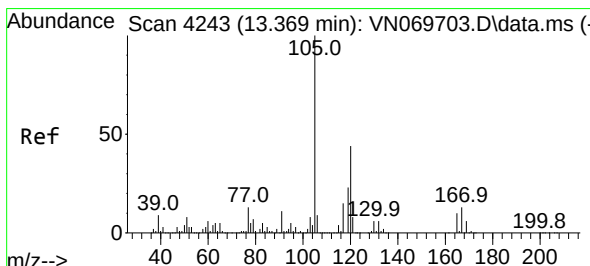
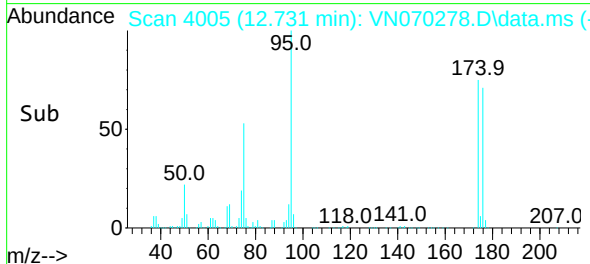
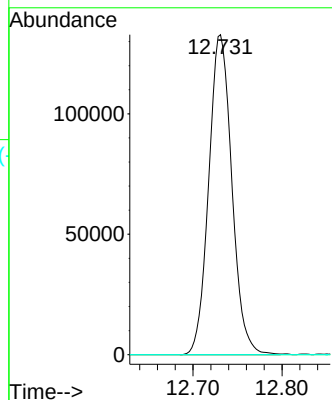


#81
trans-1,4-Dichloro-2-butene
Concen: 76.286 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.105 min
Lab File: VN070278.D
Acq: 21 Dec 2021 19:41

Instrument :
MSVOA_N
ClientSampleId :

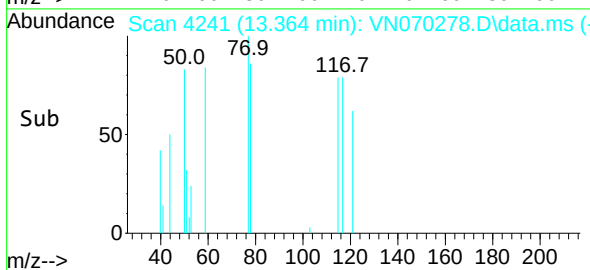
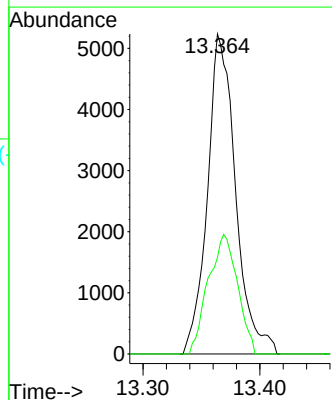
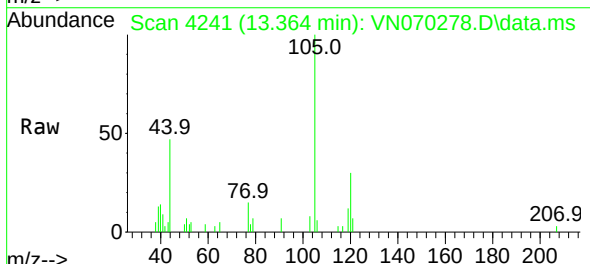


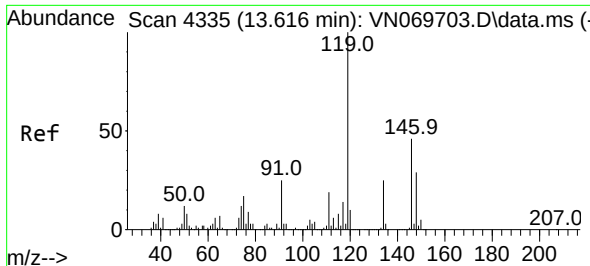
Tgt Ion: 75 Resp: 239566
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#



#84
1,2,4-Trimethylbenzene
Concen: 0.369 ug/l
RT: 13.364 min Scan# 4241
Delta R.T. -0.005 min
Lab File: VN070278.D
Acq: 21 Dec 2021 19:41

Tgt Ion: 105 Resp: 8761
Ion Ratio Lower Upper
105 100
120 38.8 22.8 68.4





#87

1,3-Dichlorobenzene

Concen: 0.261 ug/l

RT: 13.613 min Scan# 4334

Delta R.T. -0.003 min

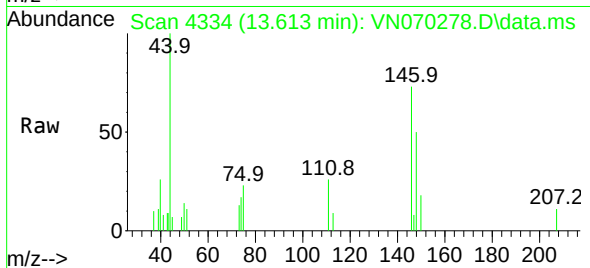
Lab File: VN070278.D

Acq: 21 Dec 2021 19:41

Instrument :

MSVOA_N

ClientSampleId :



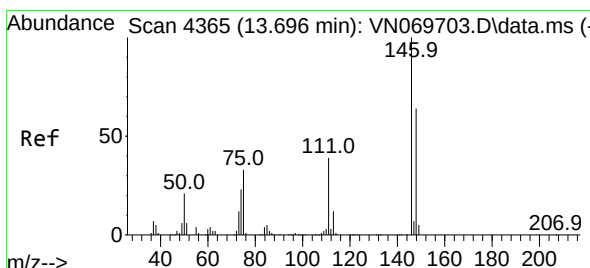
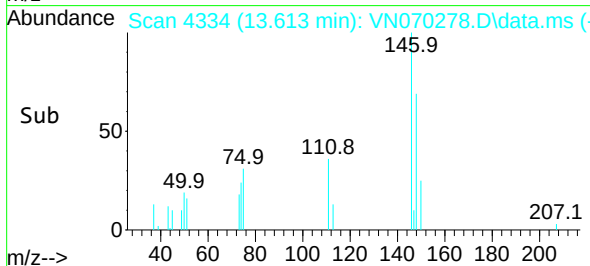
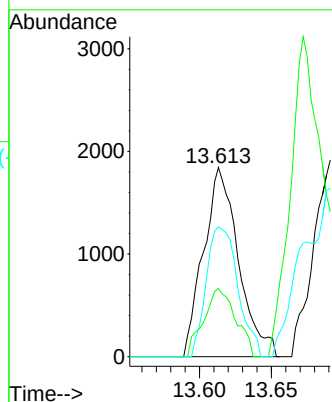
Tgt Ion:146 Resp: 3113

Ion Ratio Lower Upper

146 100

111 33.1 18.6 55.6

148 62.1 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 0.265 ug/l

RT: 13.613 min Scan# 4334

Delta R.T. -0.083 min

Lab File: VN070278.D

Acq: 21 Dec 2021 19:41

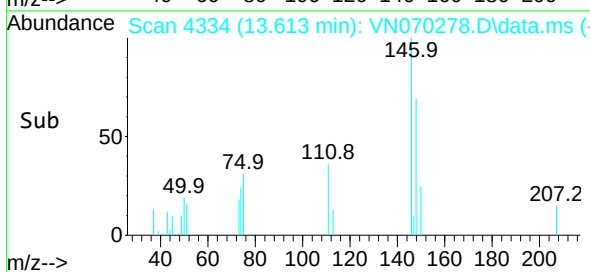
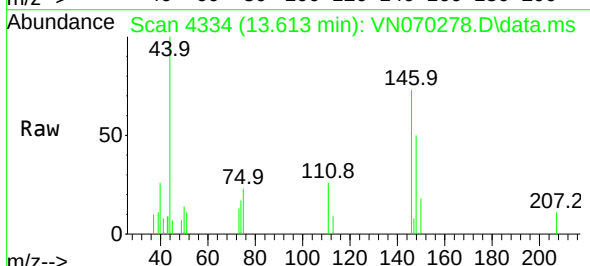
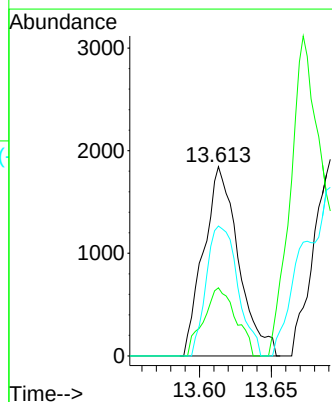
Tgt Ion:146 Resp: 3113

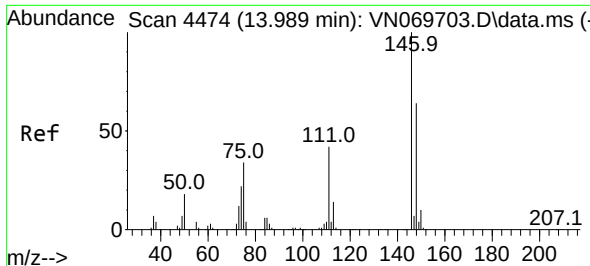
Ion Ratio Lower Upper

146 100

111 33.1 18.3 54.8

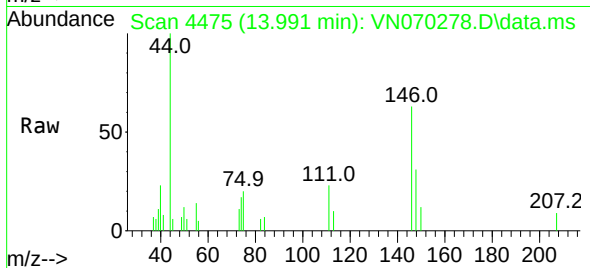
148 62.1 31.8 95.4



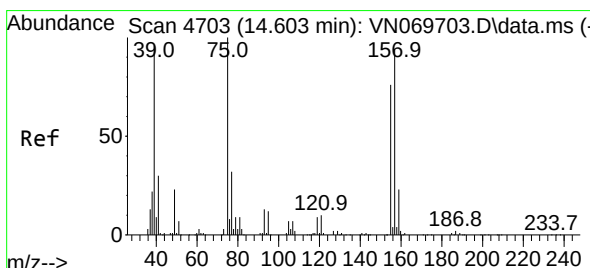
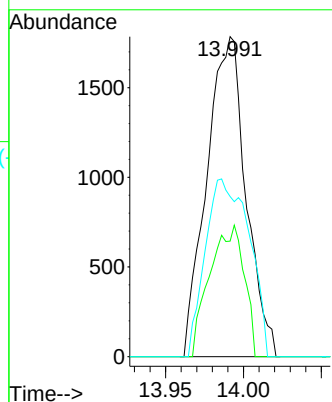
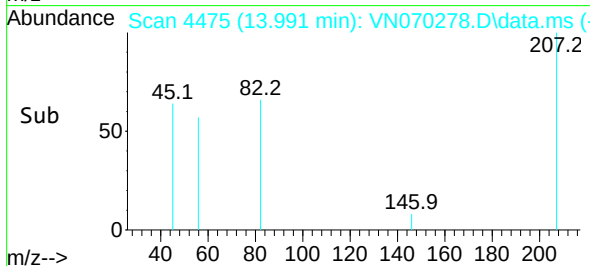


#91
1,2-Dichlorobenzene
Concen: 0.268 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. 0.003 min
Lab File: VN070278.D
Acq: 21 Dec 2021 19:41

Instrument :
MSVOA_N
ClientSampleId :

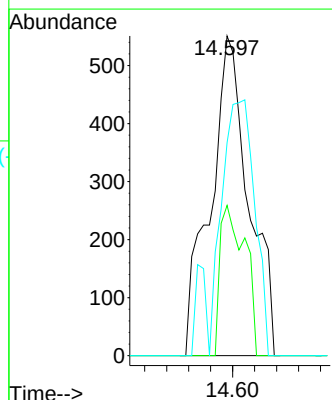
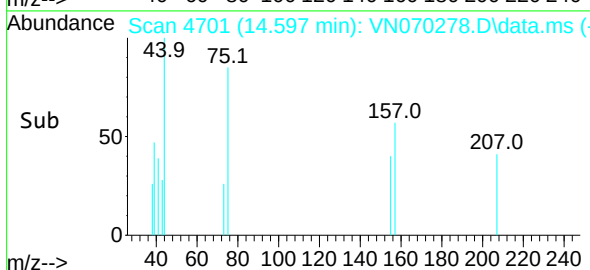
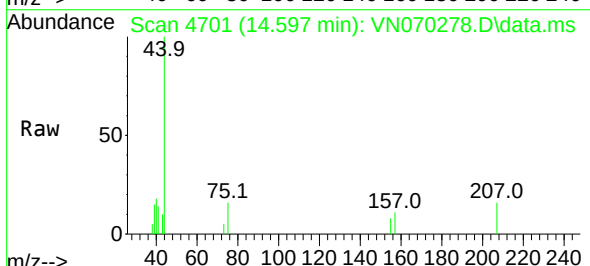


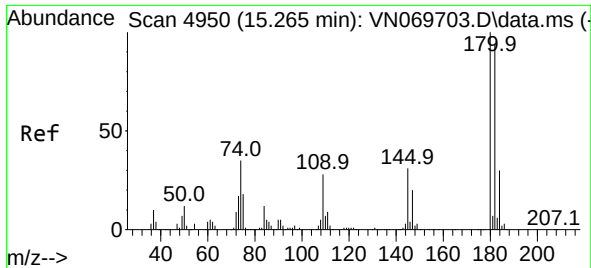
Tgt Ion:146 Resp: 3120
Ion Ratio Lower Upper
146 100
111 36.0 19.1 57.3
148 62.4 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.347 ug/l
RT: 14.597 min Scan# 4701
Delta R.T. -0.005 min
Lab File: VN070278.D
Acq: 21 Dec 2021 19:41

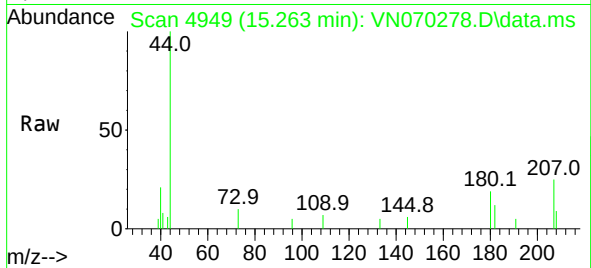
Tgt Ion: 75 Resp: 670
Ion Ratio Lower Upper
75 100
155 30.4 46.9 140.7#
157 68.2 60.6 181.7



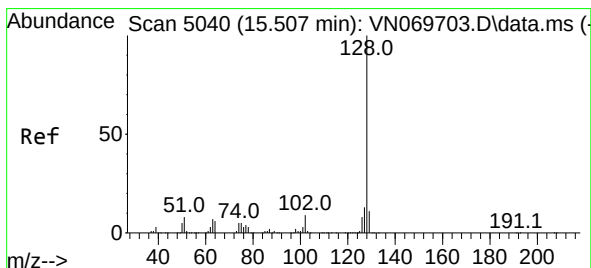
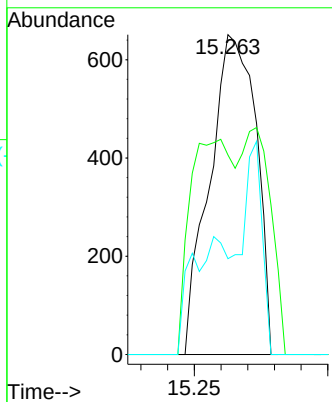
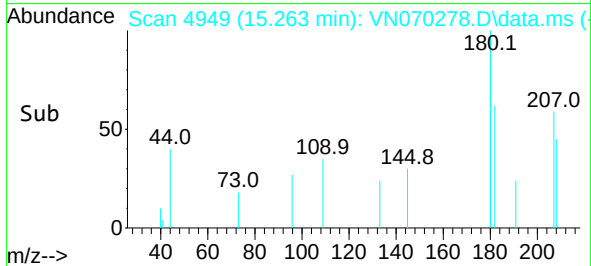


#93
 1,2,4-Trichlorobenzene
 Concen: 3.008 ug/l
 RT: 15.263 min Scan# 4950
 Delta R.T. -0.002 min
 Lab File: VN070278.D
 Acq: 21 Dec 2021 19:41

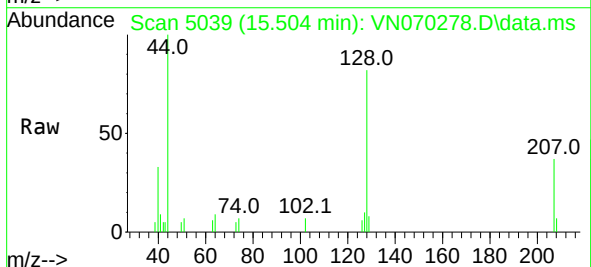
Instrument :
 MSVOA_N
 ClientSampleId :



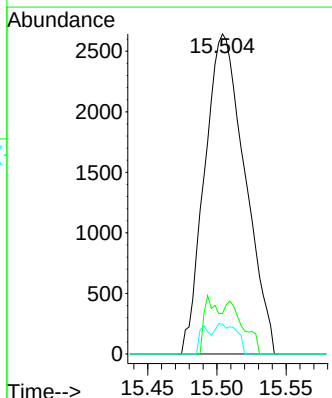
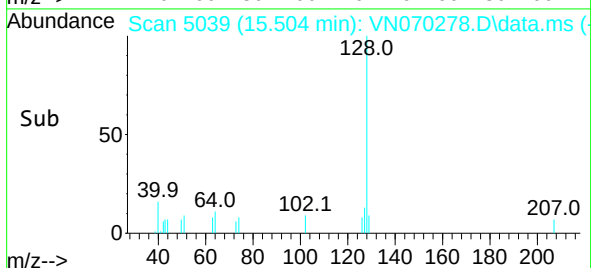
Tgt Ion:180 Resp: 787
 Ion Ratio Lower Upper
 180 100
 182 63.7 48.3 144.9
 145 28.6 14.5 43.5

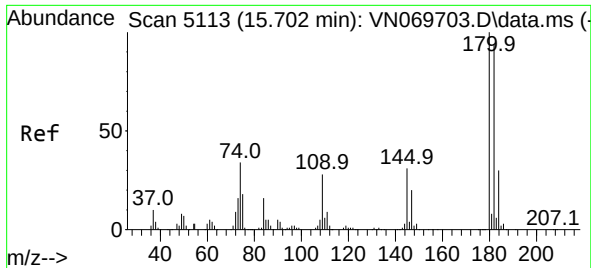


#95
 Naphthalene
 Concen: 4.274 ug/l
 RT: 15.504 min Scan# 5039
 Delta R.T. -0.003 min
 Lab File: VN070278.D
 Acq: 21 Dec 2021 19:41



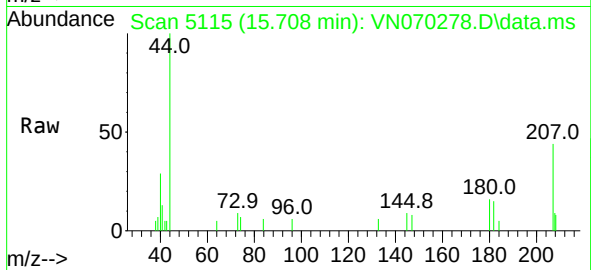
Tgt Ion:128 Resp: 5336
 Ion Ratio Lower Upper
 128 100
 127 7.6 10.5 15.7#
 129 5.1 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.608 ug/l
 RT: 15.708 min Scan# 5115
 Delta R.T. 0.006 min
 Lab File: VN070278.D
 Acq: 21 Dec 2021 19:41

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180	Resp:	1008
Ion	Ratio	Lower Upper
180	100	
182	107.8	47.4 142.2
145	22.4	15.0 45.1

