

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102221\
 Data File : VN069139.D
 Acq On : 22 Oct 2021 17:18
 Operator : JC/MD
 Sample : VN1022WBSD02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 23 07:55:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N102221W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 22 13:15:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.662	128	53381	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	306193	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.747	117	283227	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	126611	30.452	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 101.500%	
60) 4-Bromofluorobenzene	12.734	95	143346	29.517	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 98.400%	
63) Toluene-d8	10.443	98	384309	30.033	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 100.100%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.075	85	75545	21.403	ug/l	100
3) Chloromethane	2.303	50	76455	20.835	ug/l	100
4) Vinyl Chloride	2.445	62	88717	20.282	ug/l	98
5) Bromomethane	2.867	94	61497	21.436	ug/l	97
6) Chloroethane	3.022	64	57694	20.348	ug/l	95
7) Trichlorofluoromethane	3.379	101	119571	21.110	ug/l	97
8) Diethyl Ether	3.829	74	44849	22.364	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.218	101	65236	21.200	ug/l #	70
10) 1,1-Dichloroethene	4.191	96	61828	20.594	ug/l	99
11) Methyl Iodide	4.427	142	82778	19.609	ug/l	95
12) Methyl Acetate	4.857	43	120094	21.003	ug/l	98
13) Acrolein	4.044	56	29643	86.052	ug/l	100
14) Acrylonitrile	5.557	53	171701	105.832	ug/l	98
15) Acetone	4.285	58	49058	96.730	ug/l	96
16) Carbon Disulfide	4.537	76	161245	19.988	ug/l	99
17) Allyl chloride	4.849	41	105891	20.481	ug/l	92
18) Methylene Chloride	5.101	84	78167	21.910	ug/l	96
19) trans-1,2-Dichloroethene	5.602	96	67812	20.800	ug/l	96
20) Diisopropyl ether	6.495	45	232238	21.028	ug/l	97
21) 1,1-Dichloroethane	6.391	63	128897	20.911	ug/l	100
22) cis-1,2-Dichloroethene	7.327	96	82419	21.092	ug/l	100
23) tert-Butyl Alcohol	5.363	59	69601	104.558	ug/l #	100
24) Methyl tert-Butyl Ether	5.616	73	244821	21.499	ug/l	99
25) Chloroform	7.823	83	139814	21.226	ug/l	97
26) Cyclohexane	8.099	56	117812	20.750	ug/l #	97
29) 1,1-Dichloropropene	8.225	75	100363	20.828	ug/l	98
30) 2-Butanone	7.335	43	240449	103.921	ug/l	99
31) 2,2-Dichloropropane	7.327	77	118025	20.445	ug/l	98
32) 1,1,1-Trichloroethane	8.016	97	122019	20.351	ug/l	98
33) Carbon Tetrachloride	8.209	117	104233	20.467	ug/l	97
34) Benzene	8.464	78	301007	20.920	ug/l	99
35) Methacrylonitrile	7.638	41	47766	20.715	ug/l	98
36) 1,2-Dichloroethane	8.534	62	112378	21.640	ug/l	100
37) Trichloroethene	9.217	130	76166	20.817	ug/l	91
38) Methylcyclohexane	9.462	83	130605	21.291	ug/l	98
39) 1,2-Dichloropropane	9.491	63	78888	21.500	ug/l	99
40) Dibromomethane	9.580	93	55156	21.501	ug/l	97
41) Bromodichloromethane	9.762	83	107792	21.029	ug/l	96
42) Vinyl Acetate	6.436	43	875085	105.993	ug/l	100

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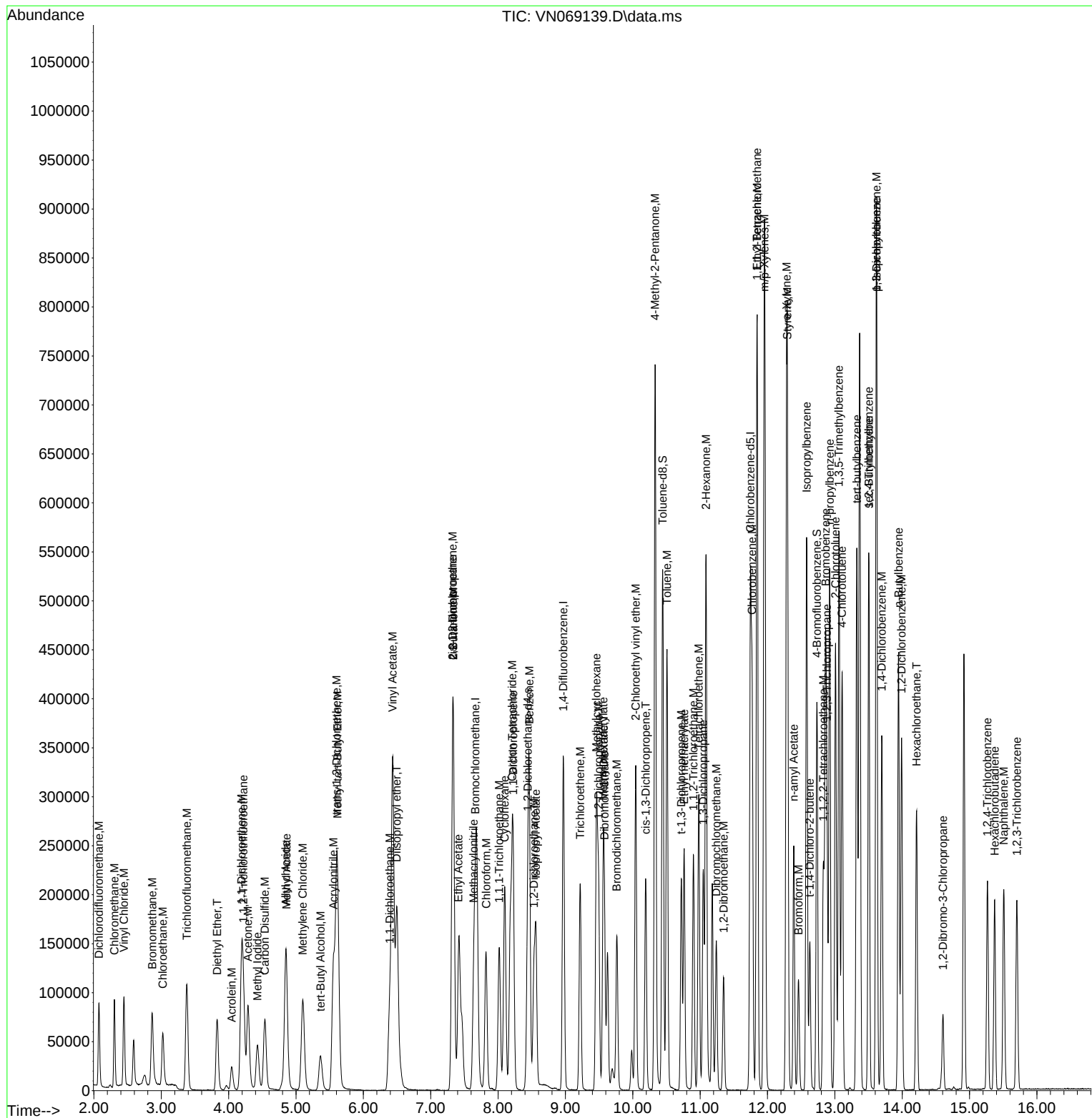
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.412	43	94431	20.922	ug/l	94
44) Isopropyl Acetate	8.560	43	177105	21.192	ug/l	99
45) 1,4-Dioxane	9.569	88	28783	430.334	ug/l	97
46) Methyl methacrylate	9.561	41	74191	19.638	ug/l	90
47) n-amyl Acetate	12.390	43	141615	19.959	ug/l	99
48) t-1,3-Dichloropropene	10.719	75	123438	20.820	ug/l	99
49) cis-1,3-Dichloropropene	10.191	75	127847	20.707	ug/l	96
50) 1,1,2-Trichloroethane	10.902	97	79230	21.520	ug/l	99
51) Ethyl methacrylate	10.762	69	127879	21.071	ug/l	94
52) 1,3-Dichloropropane	11.047	76	133099	21.488	ug/l	99
53) Dibromochloromethane	11.240	129	81534	20.745	ug/l	100
54) 1,2-Dibromoethane	11.347	107	82012	21.309	ug/l	97
55) 2-Chloroethyl vinyl ether	10.044	63	149638	77.660	ug/l	99
56) Bromoform	12.460	173	55911	19.735	ug/l #	100
58) 4-Methyl-2-Pentanone	10.330	43	509459	106.622	ug/l	98
59) 2-Hexanone	11.087	43	374921	103.904	ug/l	98
61) Tetrachloroethene	10.980	164	67923	22.066	ug/l	94
62) Toluene	10.507	91	351085	21.282	ug/l	99
64) Chlorobenzene	11.771	112	212255	21.214	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.843	131	78592	21.114	ug/l	99
66) Ethyl Benzene	11.846	91	393577	21.220	ug/l	99
67) m/p-Xylenes	11.956	106	296106	42.453	ug/l	95
68) o-Xylene	12.283	106	148292	21.233	ug/l	97
69) Styrene	12.296	104	243518	21.041	ug/l	98
70) Isopropylbenzene	12.581	105	385447	21.051	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.827	83	116227	21.658	ug/l	98
72) 1,2,3-Trichloropropane	12.881	75	144232	31.278	ug/l	62
73) Bromobenzene	12.865	156	86925	20.945	ug/l	94
74) n-propylbenzene	12.924	91	448668	21.338	ug/l	99
75) 2-Chlorotoluene	13.010	91	271344	21.075	ug/l	97
76) 1,3,5-Trimethylbenzene	13.061	105	326851	21.418	ug/l	99
77) t-1,4-Dichloro-2-butene	12.629	75	33811	18.749	ug/l	96
78) 4-Chlorotoluene	13.106	91	265207	21.018	ug/l	96
79) tert-butylbenzene	13.326	119	279442	20.855	ug/l	98
80) 1,2,4-Trimethylbenzene	13.503	105	390701	26.081	ug/l	100
81) sec-Butylbenzene	13.503	105	390701	20.829	ug/l	99
82) p-Isopropyltoluene	13.619	119	322011	21.047	ug/l	100
83) 1,3-Dichlorobenzene	13.619	146	155101	21.228	ug/l	98
84) 1,4-Dichlorobenzene	13.696	146	151863	21.345	ug/l	98
85) n-Butylbenzene	13.946	91	261217	20.414	ug/l	98
86) Hexachloroethane	14.214	117	56609	19.761	ug/l	92
87) 1,2-Dichlorobenzene	13.991	146	152138	21.793	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.606	75	20128	20.136	ug/l	98
89) 1,2,4-Trichlorobenzene	15.265	180	70202	19.944	ug/l	98
90) Hexachlorobutadiene	15.373	225	40728	22.131	ug/l	99
91) Naphthalene	15.507	128	196365	19.286	ug/l	99
92) 1,2,3-Trichlorobenzene	15.702	180	69011	20.515	ug/l	100

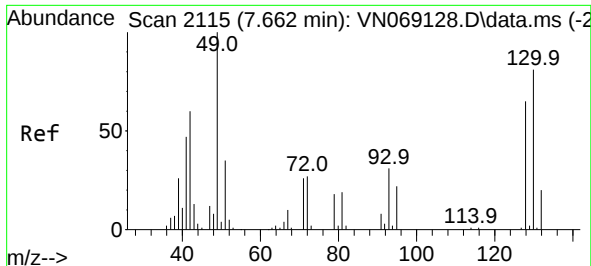
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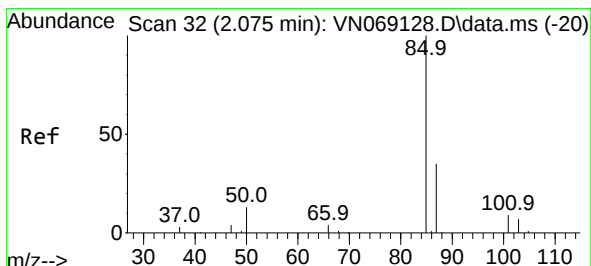
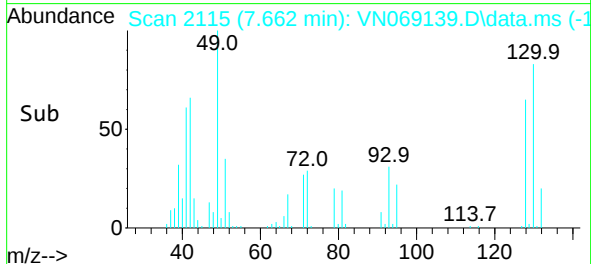
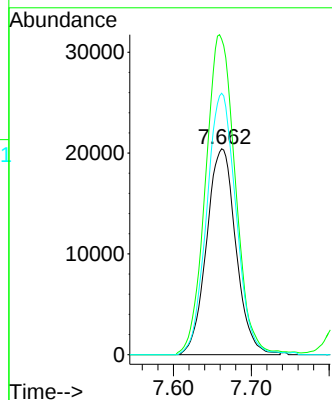
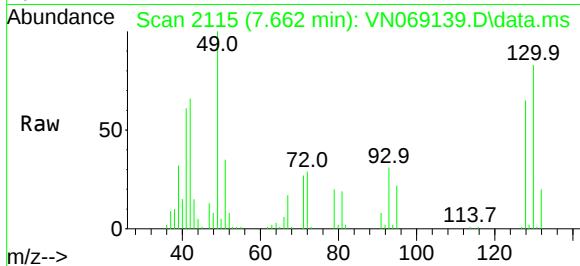




#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.662 min Scan# 2115
 Delta R.T. -0.000 min
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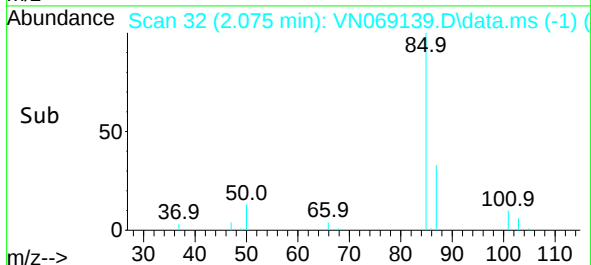
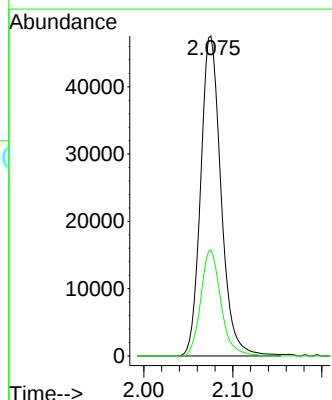
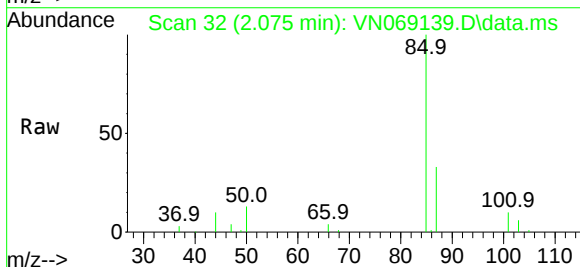
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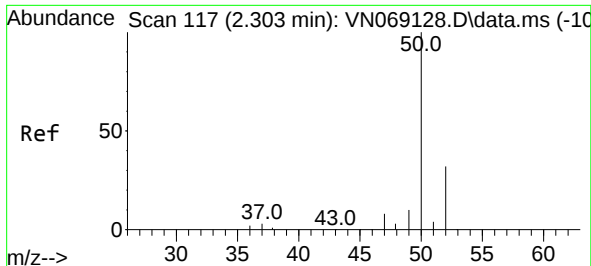
Tgt Ion:128 Resp: 53381
 Ion Ratio Lower Upper
 128 100
 49 157.2 0.0 392.3
 130 127.4 0.0 320.2



#2
 Dichlorodifluoromethane
 Concen: 21.403 ug/l
 RT: 2.075 min Scan# 32
 Delta R.T. 0.000 min
 Lab File: VN069139.D
 Acq: 22 Oct 2021 17:18

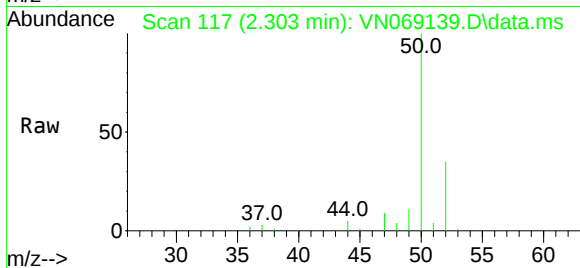
Tgt Ion: 85 Resp: 75545
 Ion Ratio Lower Upper
 85 100
 87 33.2 16.6 49.7



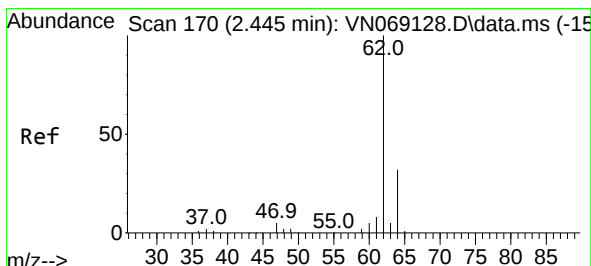
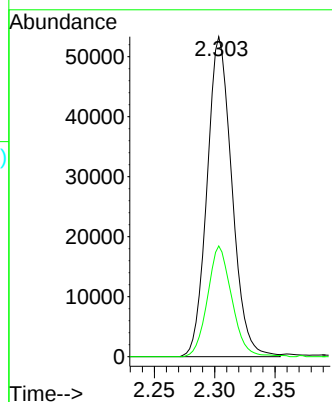
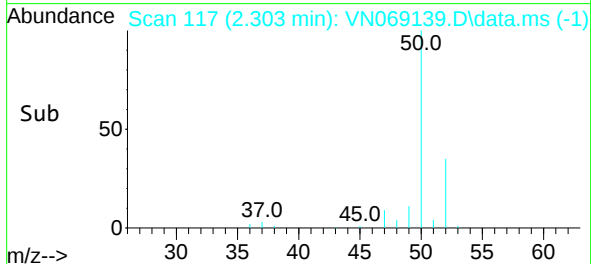


#3
Chloromethane
Concen: 20.835 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

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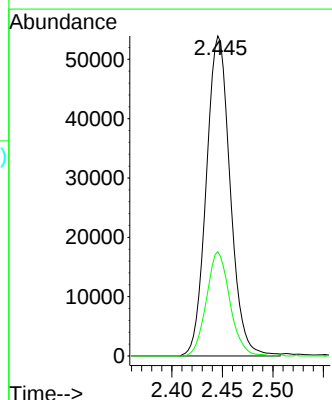
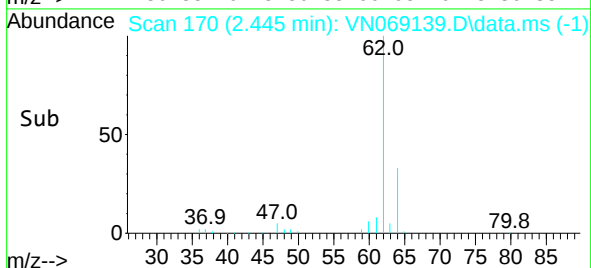
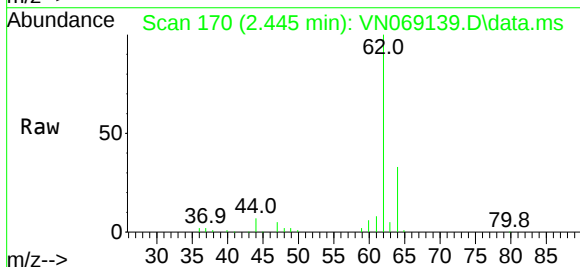


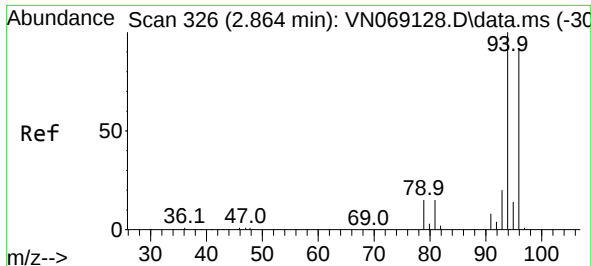
Tgt Ion: 50 Resp: 76455
Ion Ratio Lower Upper
50 100
52 34.6 27.8 41.6



#4
Vinyl Chloride
Concen: 20.282 ug/l
RT: 2.445 min Scan# 170
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

Tgt Ion: 62 Resp: 88717
Ion Ratio Lower Upper
62 100
64 32.6 25.1 37.7

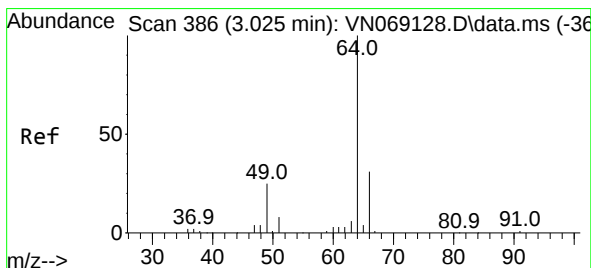
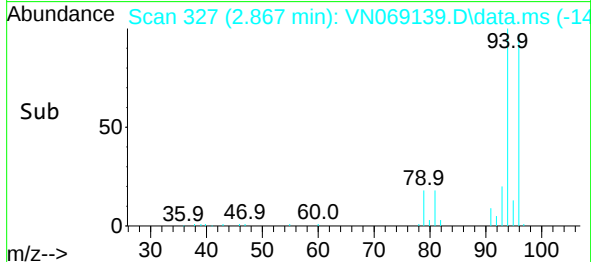
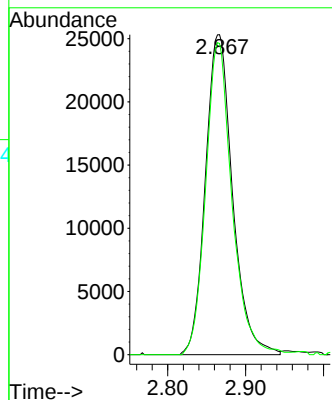
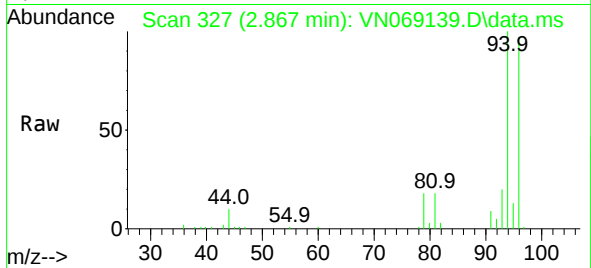




#5
Bromomethane
Concen: 21.436 ug/l
RT: 2.867 min Scan# 31
Delta R.T. 0.003 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

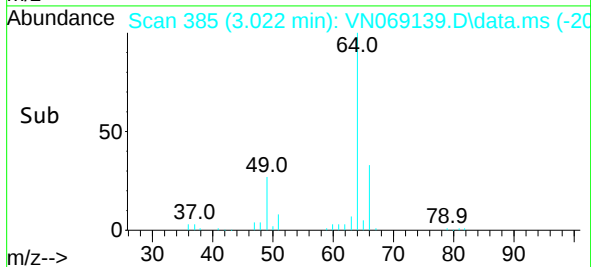
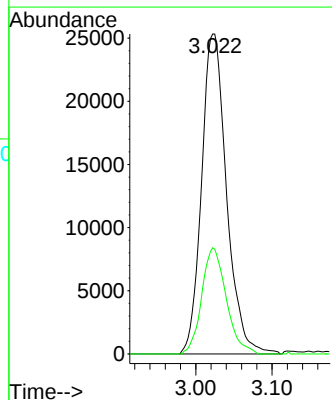
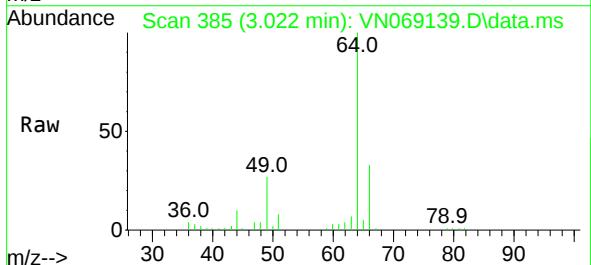
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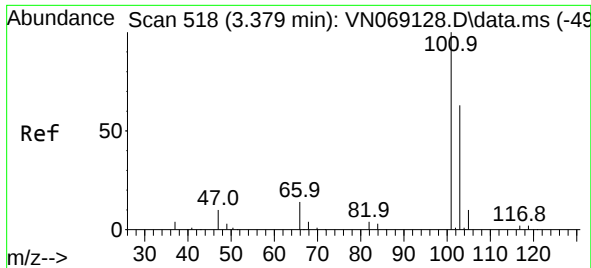
Tgt Ion: 94 Resp: 61497
Ion Ratio Lower Upper
94 100
96 97.3 75.2 112.8



#6
Chloroethane
Concen: 20.348 ug/l
RT: 3.022 min Scan# 385
Delta R.T. -0.003 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

Tgt Ion: 64 Resp: 57694
Ion Ratio Lower Upper
64 100
66 33.2 24.6 36.8

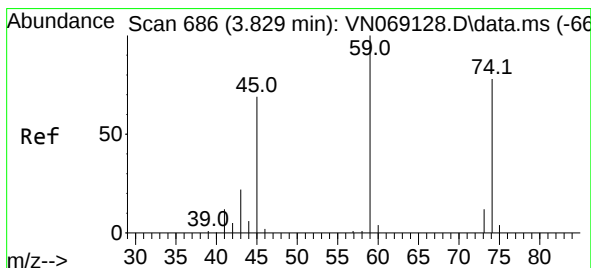
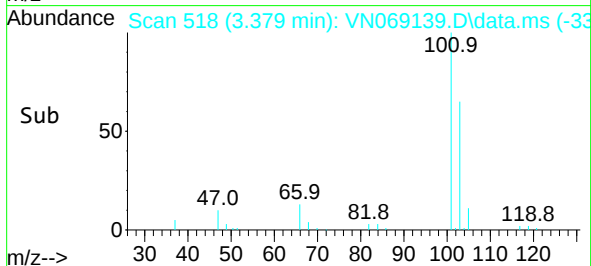
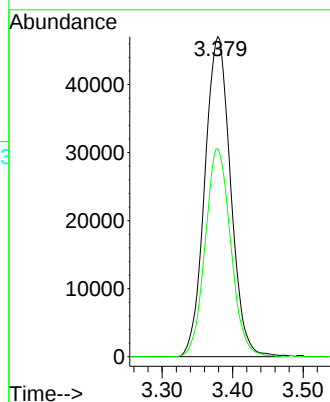
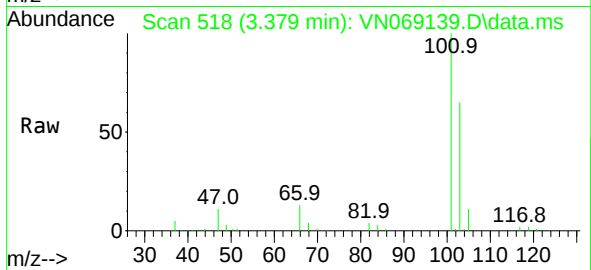




#7
 Trichlorofluoromethane
 Concen: 21.110 ug/l
 RT: 3.379 min Scan# 518
 Delta R.T. 0.000 min
 Lab File: VN069139.D
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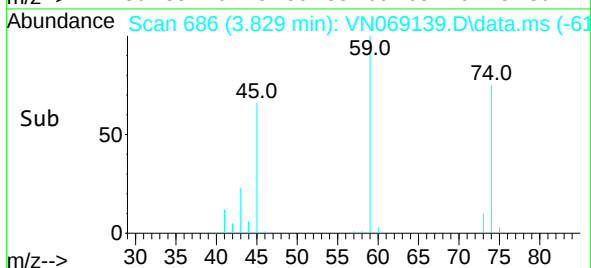
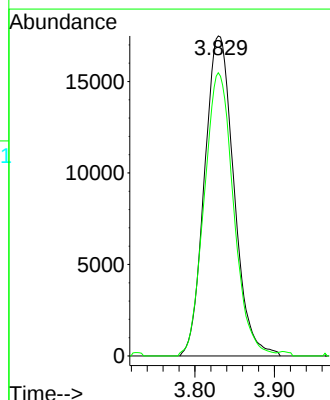
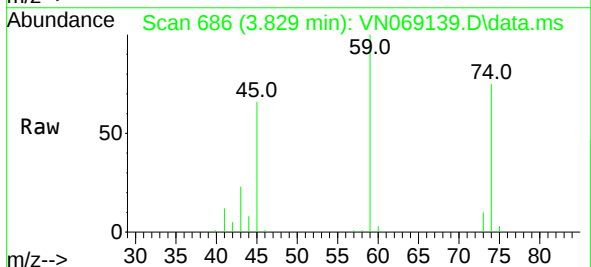
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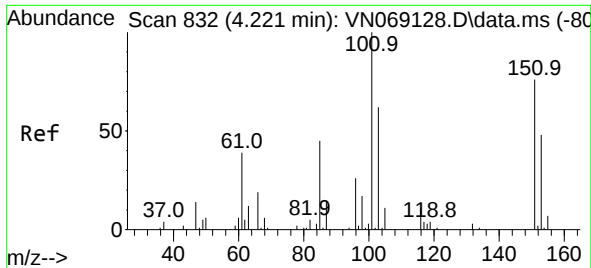
Tgt Ion:101 Resp: 119571
 Ion Ratio Lower Upper
 101 100
 103 65.0 50.1 75.1



#8
 Diethyl Ether
 Concen: 22.364 ug/l
 RT: 3.829 min Scan# 686
 Delta R.T. 0.000 min
 Lab File: VN069139.D
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Tgt Ion: 74 Resp: 44849
 Ion Ratio Lower Upper
 74 100
 45 88.5 17.6 158.8

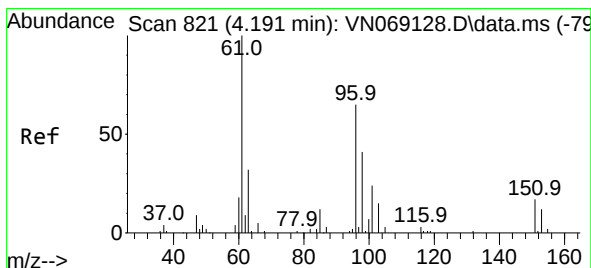
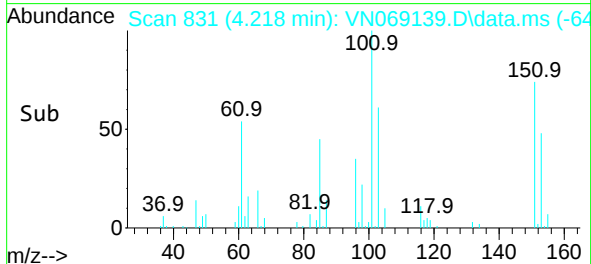
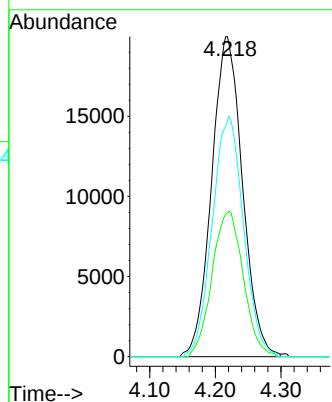
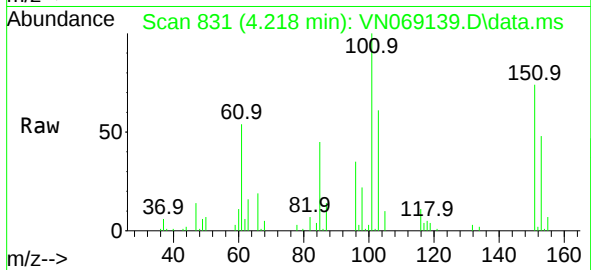




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.200 ug/l
RT: 4.218 min Scan# 81
Delta R.T. -0.003 min
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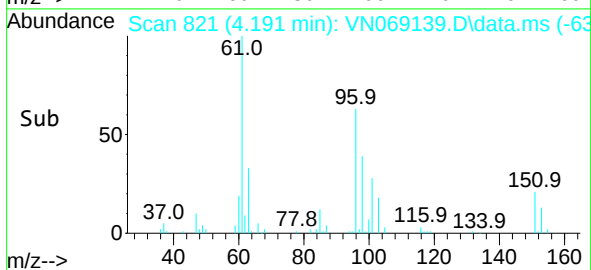
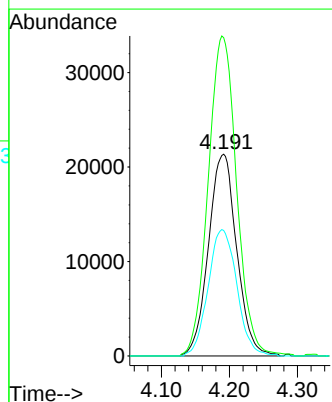
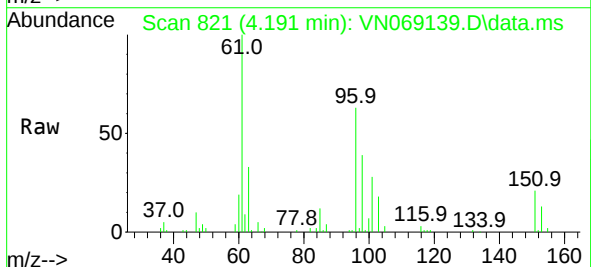
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MSVOA_N
ClientSampleId :

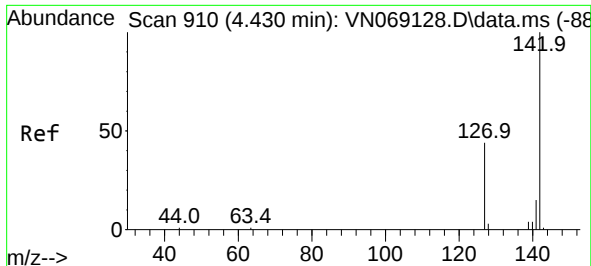
Tgt Ion:101 Resp: 65236
Ion Ratio Lower Upper
101 100
85 45.9 0.0 94.0
151 76.0 0.0 74.6#



#10
1,1-Dichloroethene
Concen: 20.594 ug/l
RT: 4.191 min Scan# 821
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

Tgt Ion: 96 Resp: 61828
Ion Ratio Lower Upper
96 100
61 157.7 126.2 189.4
98 62.2 50.9 76.3

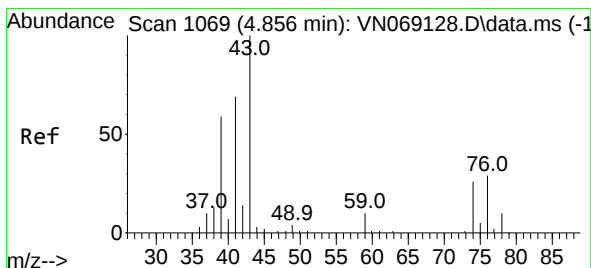
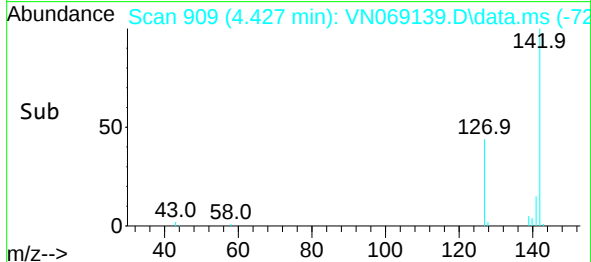
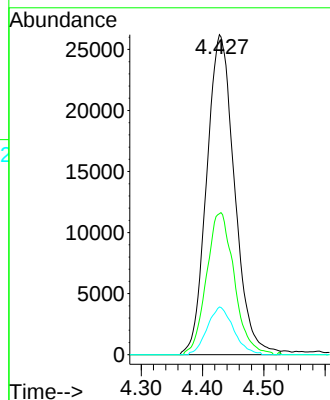
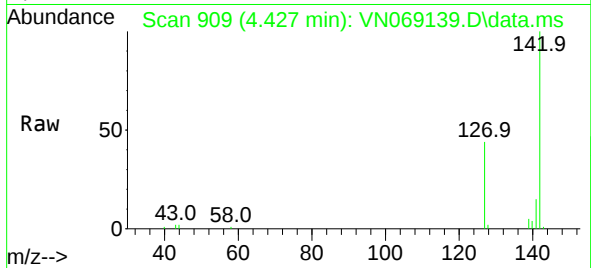




#11
Methyl Iodide
Concen: 19.609 ug/l
RT: 4.427 min Scan# 910
Delta R.T. -0.003 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

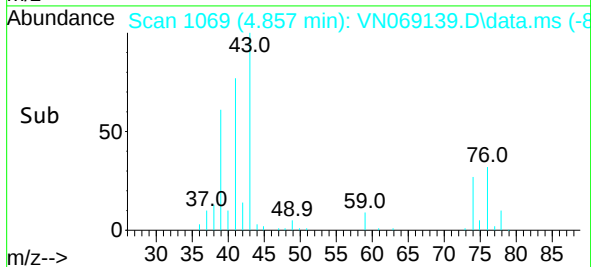
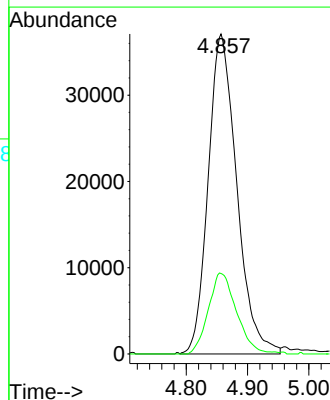
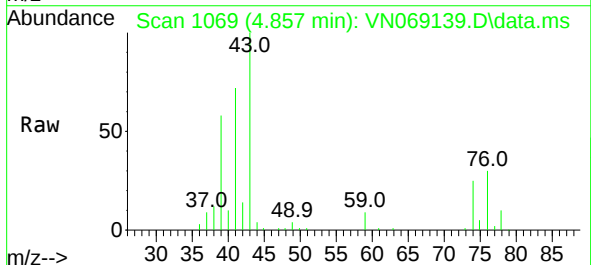
Instrument :
MSVOA_N
ClientSampleId :

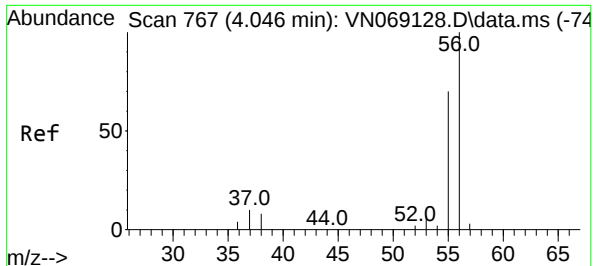
Tgt Ion:142 Resp: 82778
Ion Ratio Lower Upper
142 100
127 44.0 24.0 72.0
141 15.0 8.4 25.2



#12
Methyl Acetate
Concen: 21.003 ug/l
RT: 4.857 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

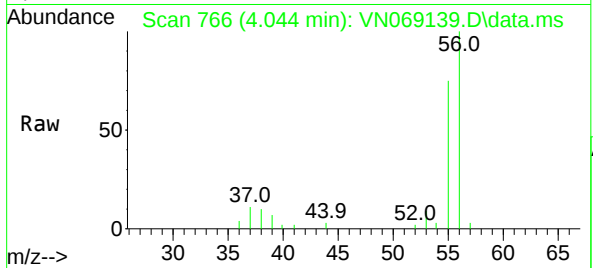
Tgt Ion: 43 Resp: 120094
Ion Ratio Lower Upper
43 100
74 25.1 20.8 31.2



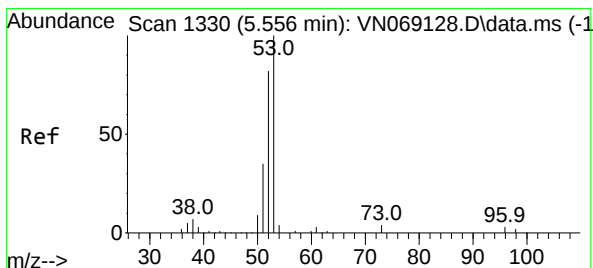
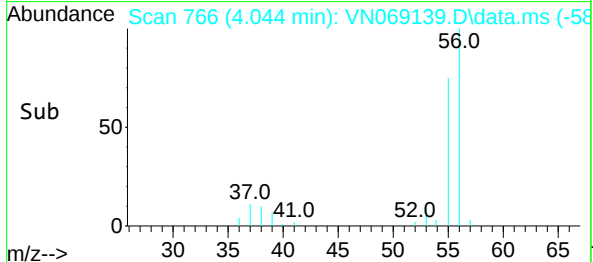
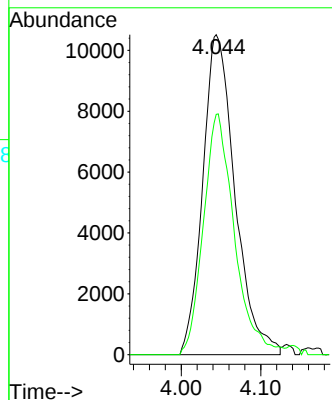


#13
Acrolein
Concen: 86.052 ug/l
RT: 4.044 min Scan# 767
Delta R.T. -0.003 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

Instrument :
MSVOA_N
ClientSampleId :

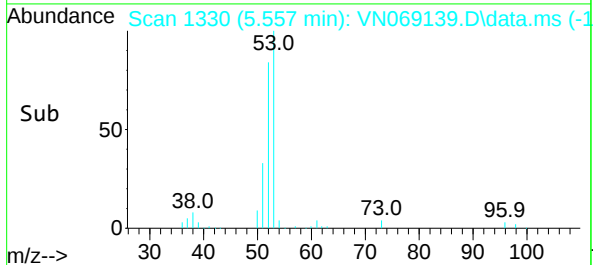
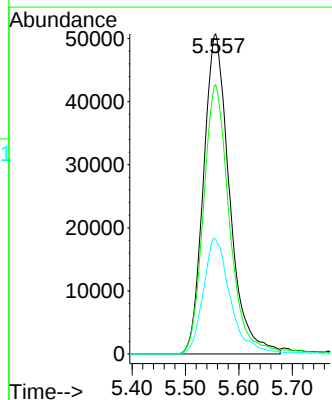
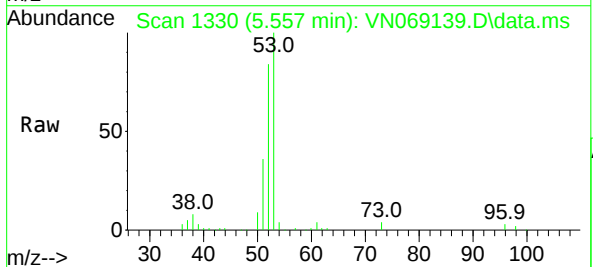


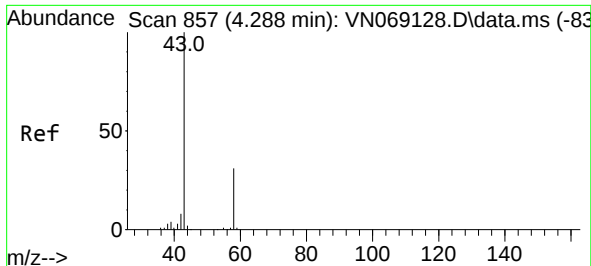
Tgt Ion: 56 Resp: 29643
Ion Ratio Lower Upper
56 100
55 71.7 57.6 86.4



#14
Acrylonitrile
Concen: 105.832 ug/l
RT: 5.557 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

Tgt Ion: 53 Resp: 171701
Ion Ratio Lower Upper
53 100
52 82.6 41.8 125.4
51 35.5 19.0 57.0





#15

Acetone

Concen: 96.730 ug/l

RT: 4.285 min Scan# 856

Delta R.T. -0.003 min

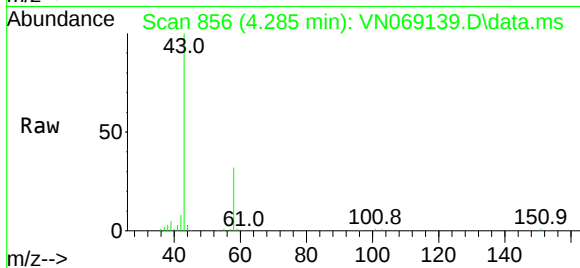
Lab File: VN069139.D

Acq: 22 Oct 2021 17:18

Instrument :

MSVOA_N

ClientSampleId :

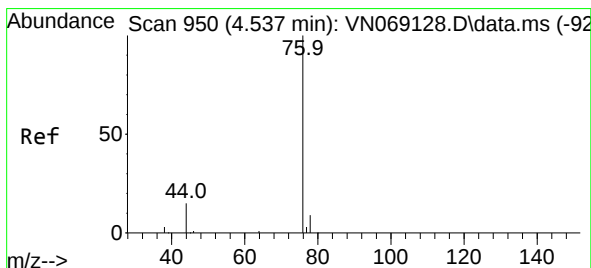
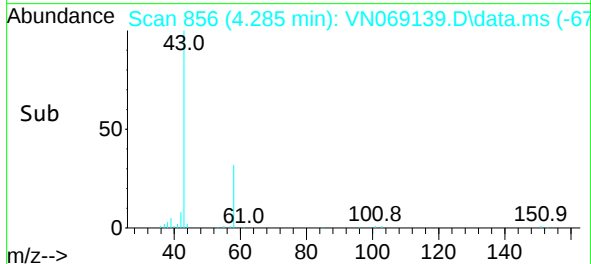
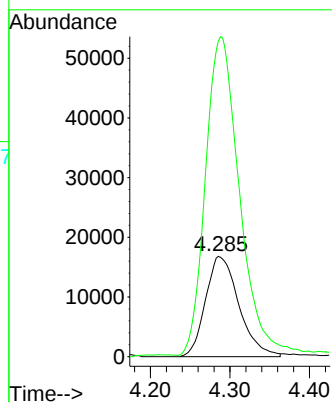


Tgt Ion: 58 Resp: 49058

Ion Ratio Lower Upper

58 100

43 312.6 256.6 384.8



#16

Carbon Disulfide

Concen: 19.988 ug/l

RT: 4.537 min Scan# 950

Delta R.T. 0.000 min

Lab File: VN069139.D

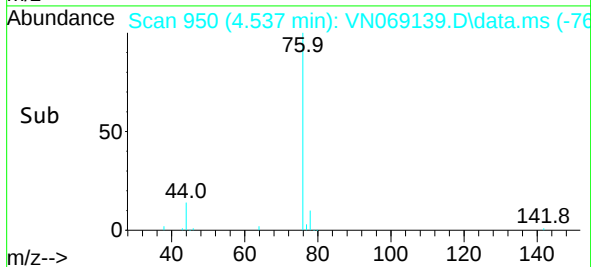
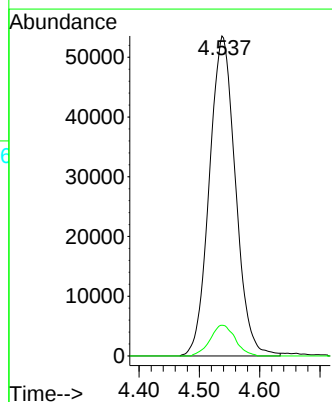
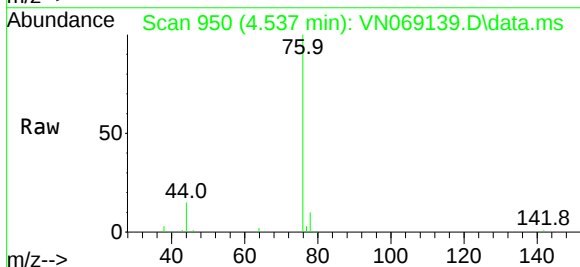
Acq: 22 Oct 2021 17:18

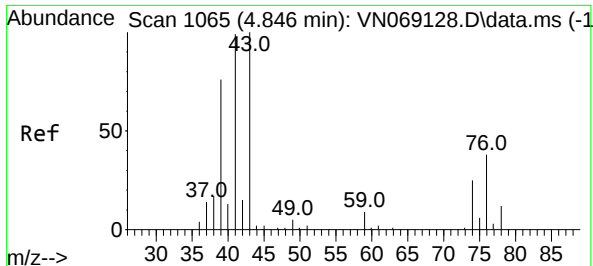
Tgt Ion: 76 Resp: 161245

Ion Ratio Lower Upper

76 100

78 9.6 7.8 11.8





#17

Allyl chloride

Concen: 20.481 ug/l

RT: 4.849 min Scan# 1066

Delta R.T. 0.003 min

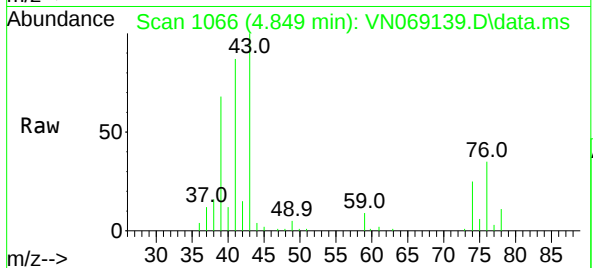
Lab File: VN069139.D

Acq: 22 Oct 2021 17:18

Instrument :

MSVOA_N

ClientSampleId :



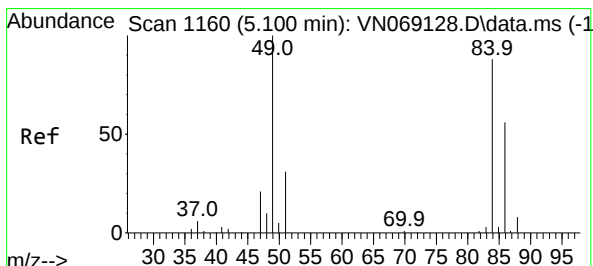
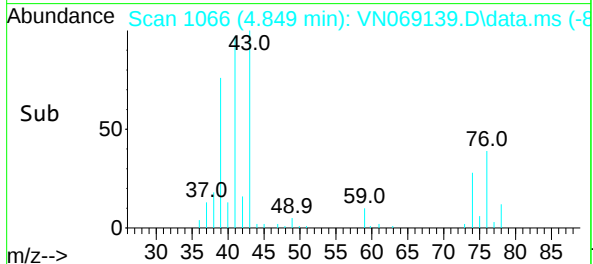
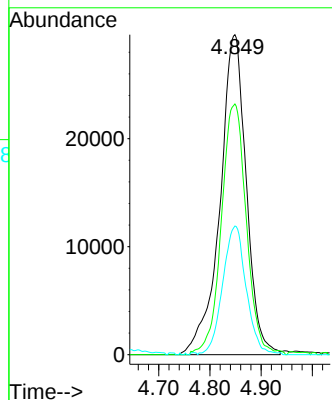
Tgt Ion: 41 Resp: 105891

Ion Ratio Lower Upper

41 100

39 78.3 44.6 134.0

76 39.7 19.6 58.7



#18

Methylene Chloride

Concen: 21.910 ug/l

RT: 5.101 min Scan# 1160

Delta R.T. 0.000 min

Lab File: VN069139.D

Acq: 22 Oct 2021 17:18

Tgt Ion: 84 Resp: 78167

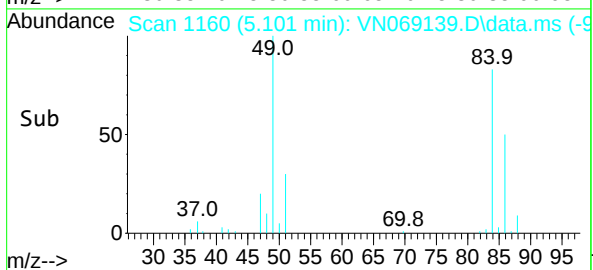
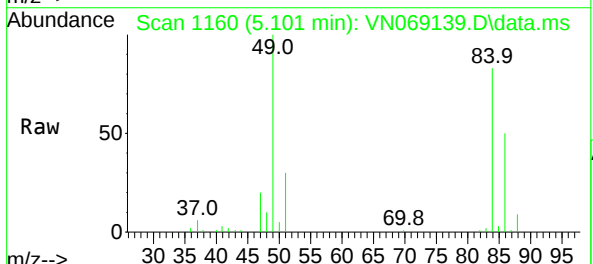
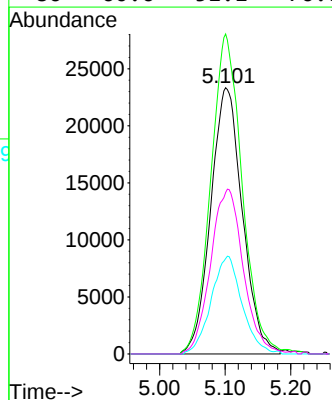
Ion Ratio Lower Upper

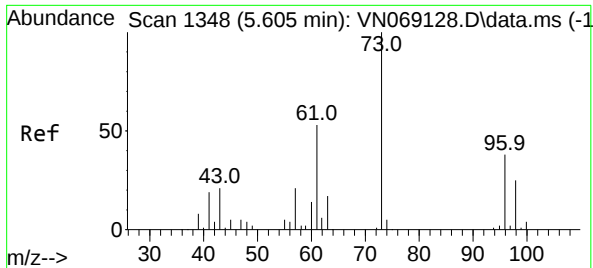
84 100

49 120.2 91.4 137.0

51 35.8 29.4 44.0

86 60.6 51.1 76.7

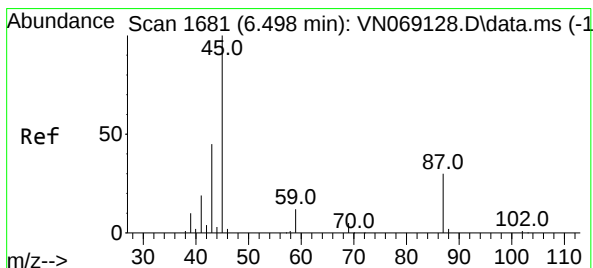
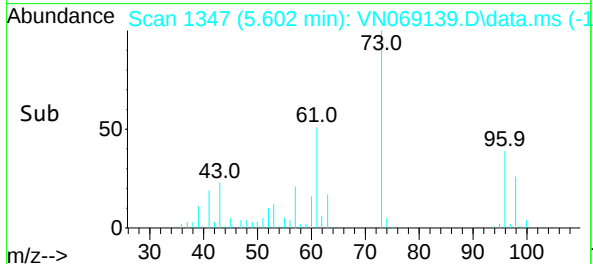
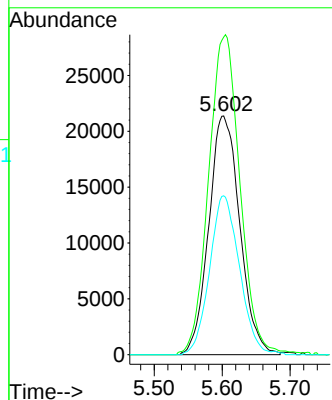
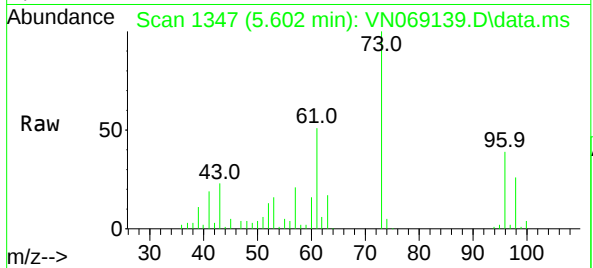




#19
trans-1,2-Dichloroethene
Concen: 20.800 ug/l
RT: 5.602 min Scan# 11
Delta R.T. -0.003 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

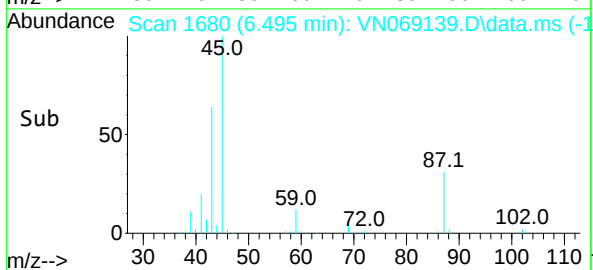
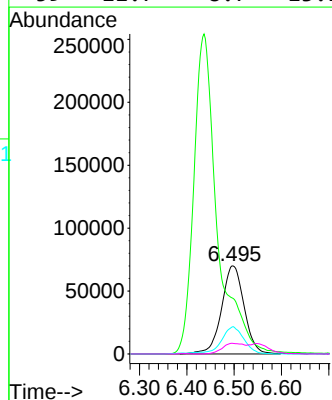
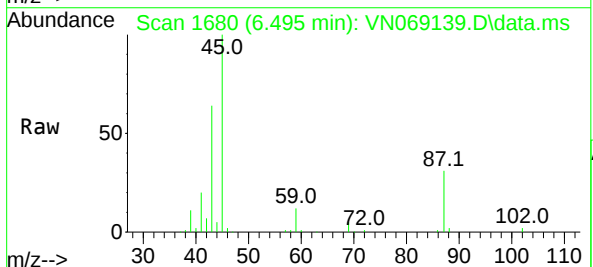
Instrument :
MSVOA_N
ClientSampleId :

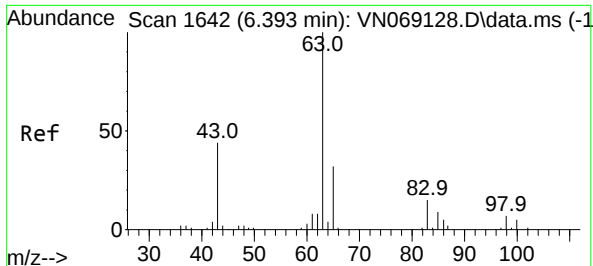
Tgt Ion: 96 Resp: 67812
Ion Ratio Lower Upper
96 100
61 131.8 102.8 154.2
98 66.6 49.3 73.9



#20
Diisopropyl ether
Concen: 21.028 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. -0.003 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

Tgt Ion: 45 Resp: 232238
Ion Ratio Lower Upper
45 100
43 61.1 51.0 76.4
87 30.3 25.0 37.4
59 11.7 8.7 13.1





#21

1,1-Dichloroethane

Concen: 20.911 ug/l

RT: 6.391 min Scan# 1

Delta R.T. -0.003 min

Lab File: VN069139.D

Acq: 22 Oct 2021 17:18

Instrument :

MSVOA_N

ClientSampleId :

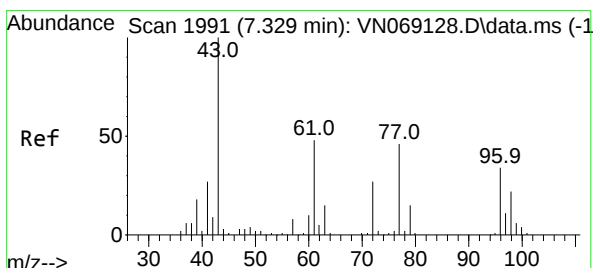
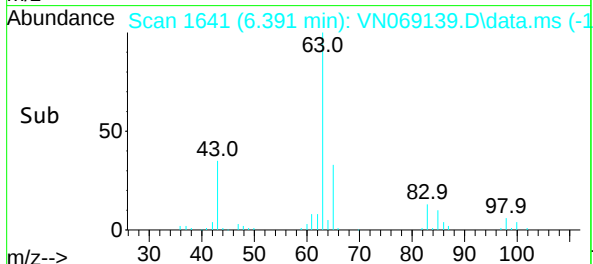
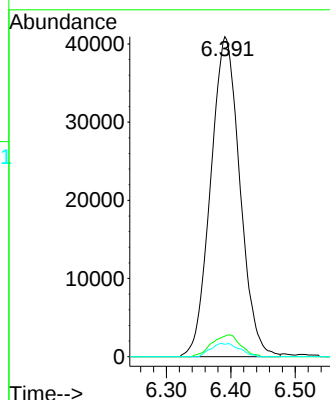
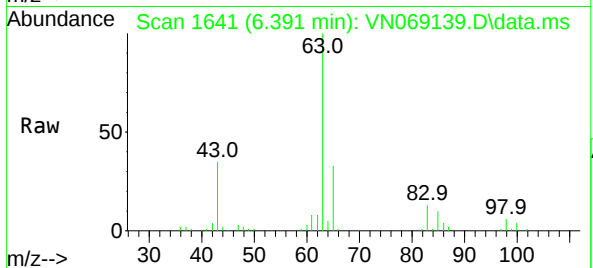
Tgt Ion: 63 Resp: 128897

Ion Ratio Lower Upper

63 100

98 6.4 3.2 9.6

100 3.9 2.1 6.2



#22

cis-1,2-Dichloroethene

Concen: 21.092 ug/l

RT: 7.327 min Scan# 1990

Delta R.T. -0.003 min

Lab File: VN069139.D

Acq: 22 Oct 2021 17:18

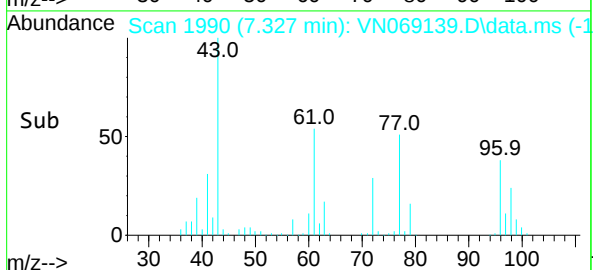
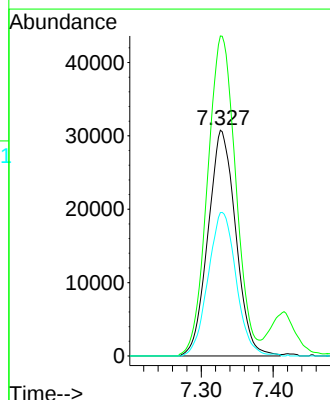
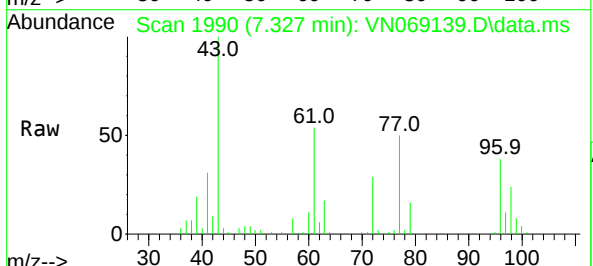
Tgt Ion: 96 Resp: 82419

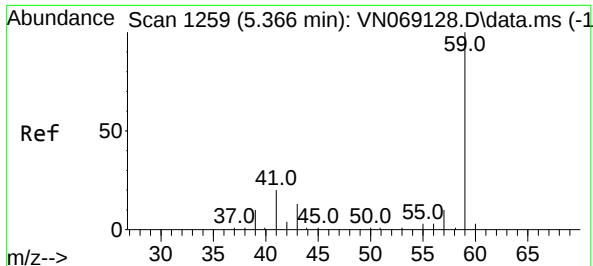
Ion Ratio Lower Upper

96 100

61 144.5 115.7 173.5

98 64.1 51.6 77.4





#23

tert-Butyl Alcohol

Concen: 104.558 ug/l

RT: 5.363 min Scan# 11

Delta R.T. -0.003 min

Lab File: VN069139.D

Acq: 22 Oct 2021 17:18

Instrument :

MSVOA_N

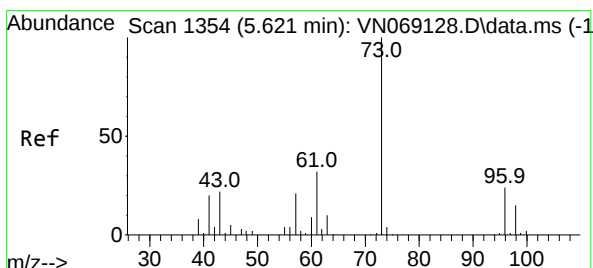
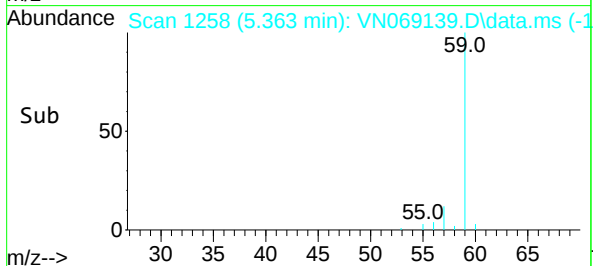
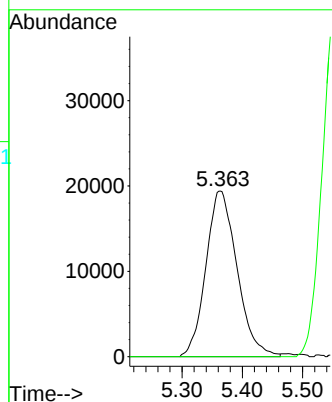
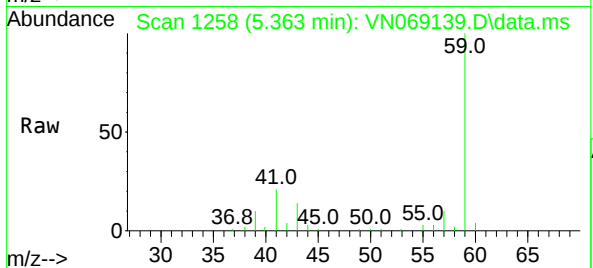
ClientSampleId :

Tgt Ion: 59 Resp: 69601

Ion Ratio Lower Upper

59 100

52 0.0 0.0 0.0



#24

Methyl tert-Butyl Ether

Concen: 21.499 ug/l

RT: 5.616 min Scan# 1352

Delta R.T. -0.005 min

Lab File: VN069139.D

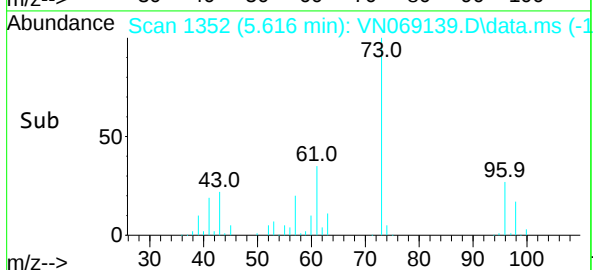
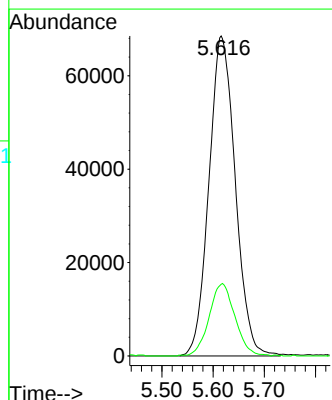
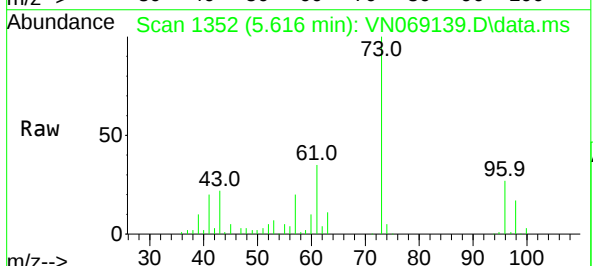
Acq: 22 Oct 2021 17:18

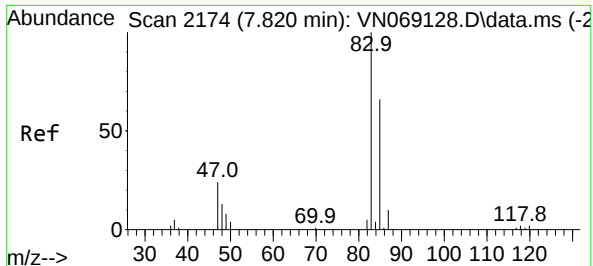
Tgt Ion: 73 Resp: 244821

Ion Ratio Lower Upper

73 100

43 22.2 18.1 27.1





#25

Chloroform

Concen: 21.226 ug/l

RT: 7.823 min Scan# 21

Delta R.T. 0.003 min

Lab File: VN069139.D

Acq: 22 Oct 2021 17:18

Instrument :

MSVOA_N

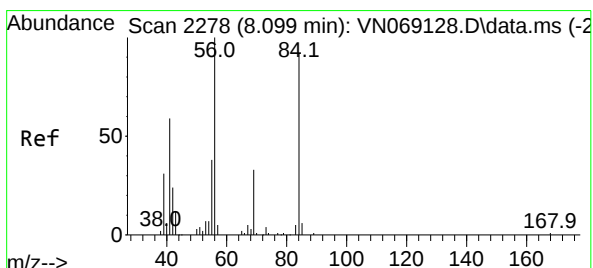
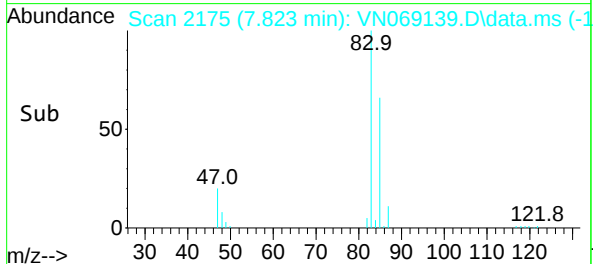
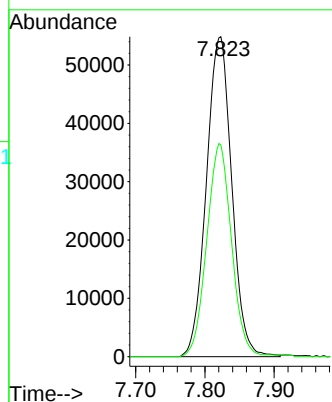
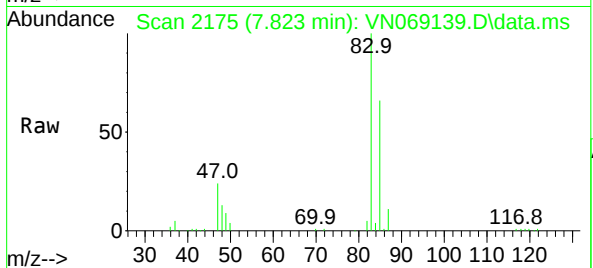
ClientSampleId :

Tgt Ion: 83 Resp: 139814

Ion Ratio Lower Upper

83 100

85 66.1 51.3 76.9



#26

Cyclohexane

Concen: 20.750 ug/l

RT: 8.099 min Scan# 2278

Delta R.T. 0.000 min

Lab File: VN069139.D

Acq: 22 Oct 2021 17:18

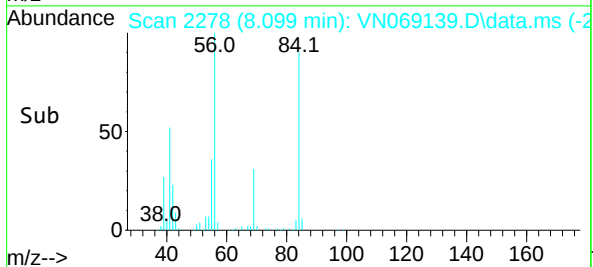
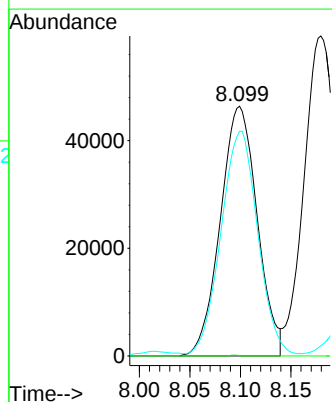
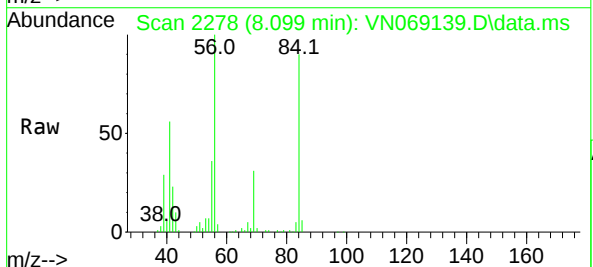
Tgt Ion: 56 Resp: 117812

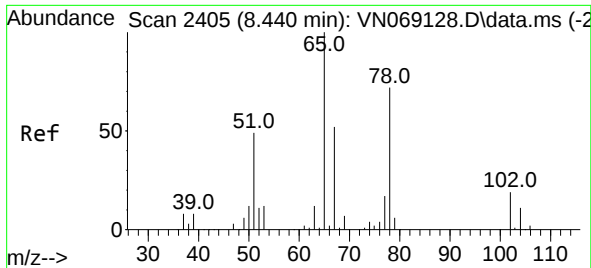
Ion Ratio Lower Upper

56 100

89 0.1 0.1 0.1#

84 90.3 74.6 111.8





#27

1,2-Dichloroethane-d4

Concen: 30.452 ug/l

RT: 8.440 min Scan# 24

Delta R.T. 0.000 min

Lab File: VN069139.D

Acq: 22 Oct 2021 17:18

Instrument :

MSVOA_N

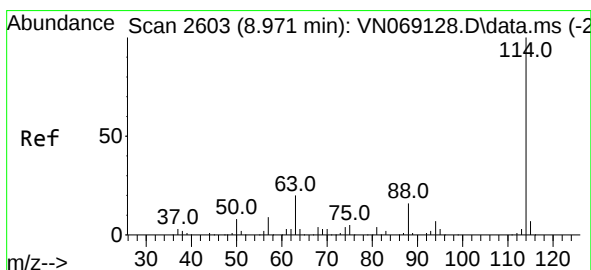
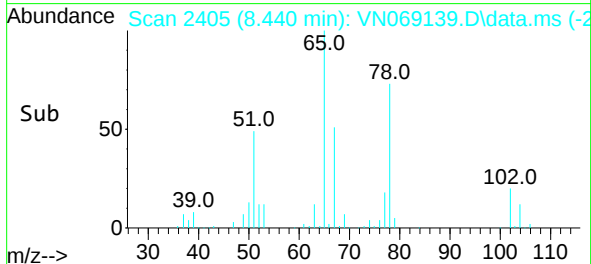
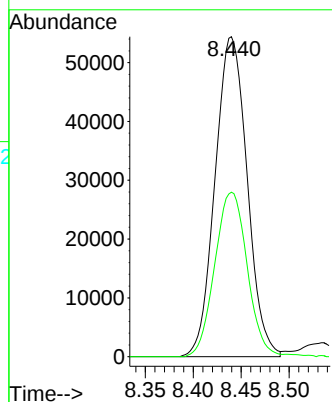
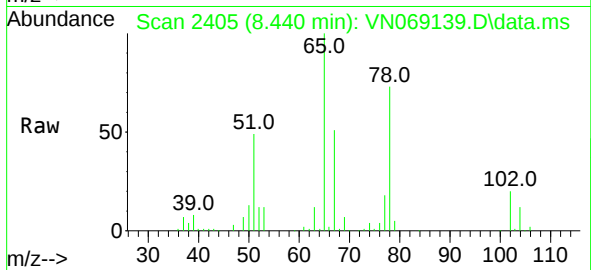
ClientSampleId :

Tgt Ion: 65 Resp: 126611

Ion Ratio Lower Upper

65 100

67 51.8 40.2 60.2



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. -0.003 min

Lab File: VN069139.D

Acq: 22 Oct 2021 17:18

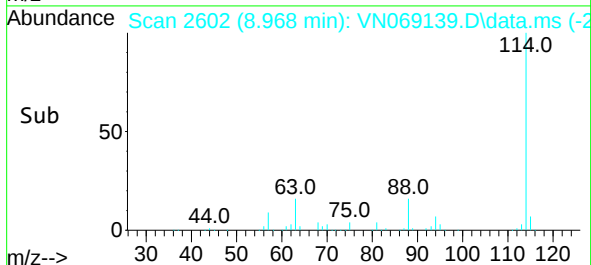
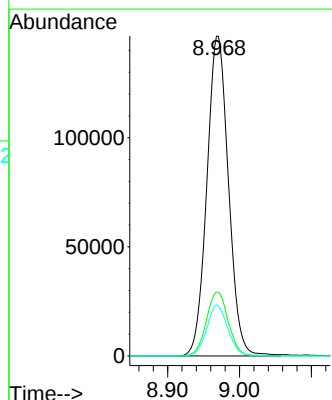
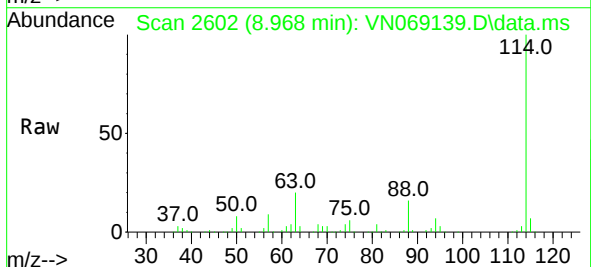
Tgt Ion: 114 Resp: 306193

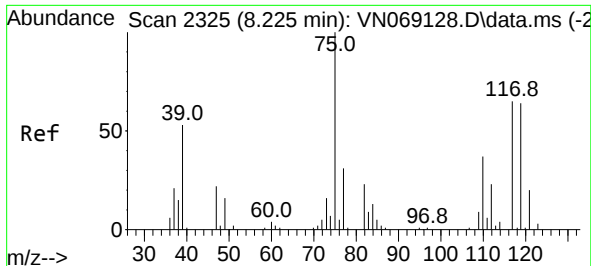
Ion Ratio Lower Upper

114 100

63 20.3 15.8 23.6

88 15.5 11.6 17.4





#29

1,1-Dichloropropene

Concen: 20.828 ug/l

RT: 8.225 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN069139.D

Acq: 22 Oct 2021 17:18

Instrument :

MSVOA_N

ClientSampleId :

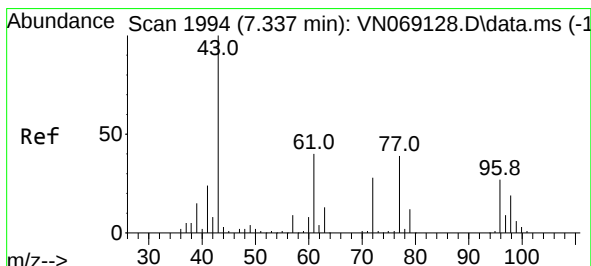
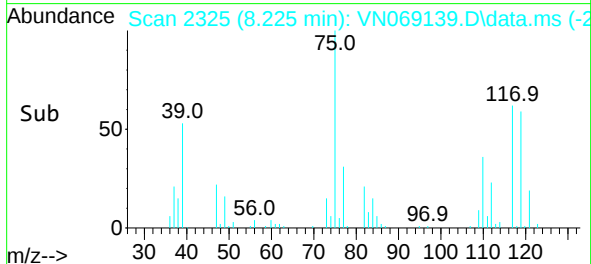
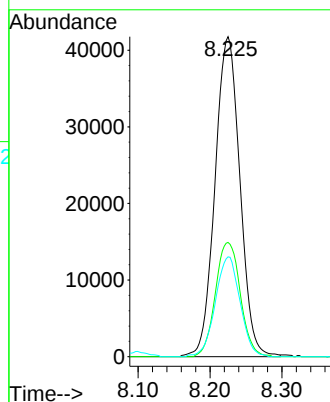
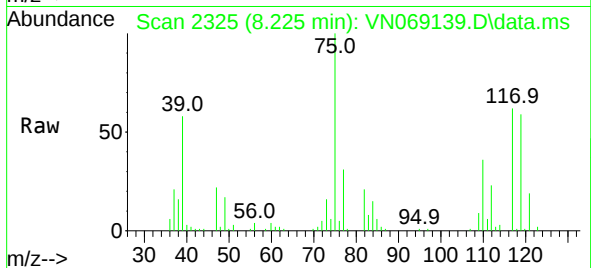
Tgt Ion: 75 Resp: 100363

Ion Ratio Lower Upper

75 100

110 35.7 0.0 74.2

77 31.0 0.0 63.2



#30

2-Butanone

Concen: 103.921 ug/l

RT: 7.335 min Scan# 1993

Delta R.T. -0.003 min

Lab File: VN069139.D

Acq: 22 Oct 2021 17:18

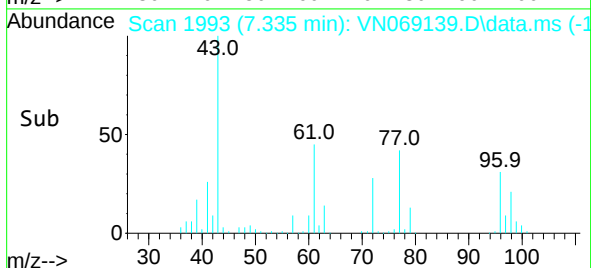
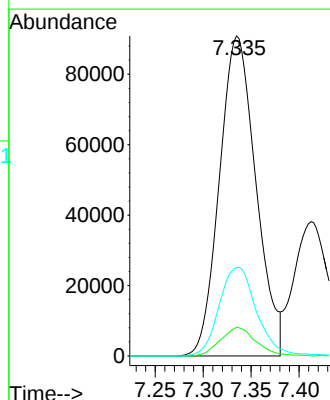
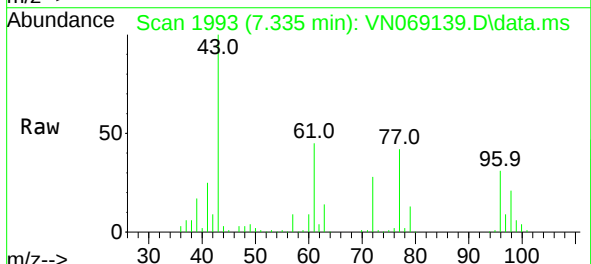
Tgt Ion: 43 Resp: 240449

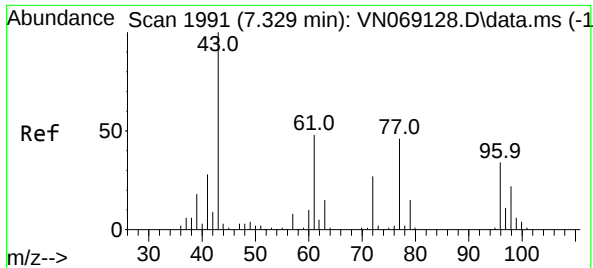
Ion Ratio Lower Upper

43 100

57 8.7 6.7 10.1

72 28.3 23.2 34.8

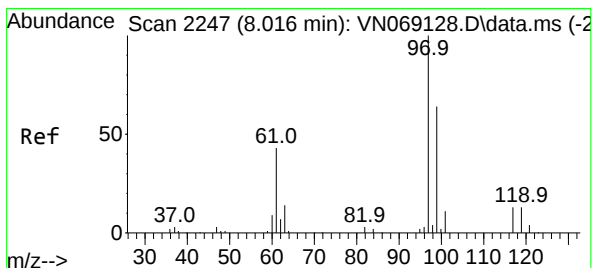
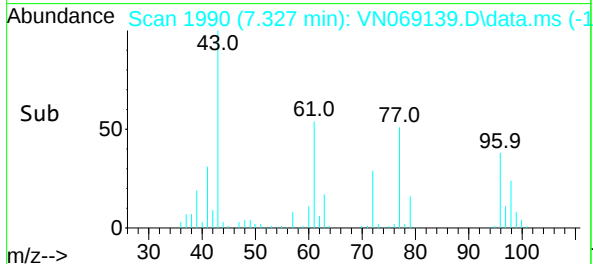
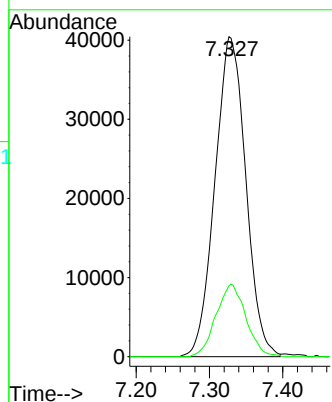
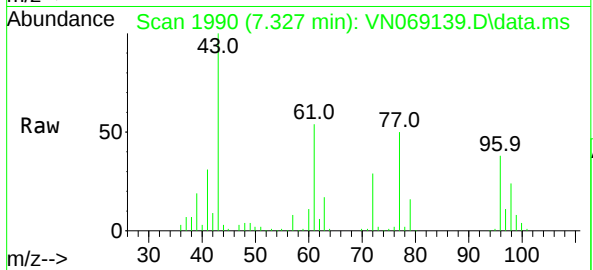




#31
2,2-Dichloropropane
Concen: 20.445 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. -0.003 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

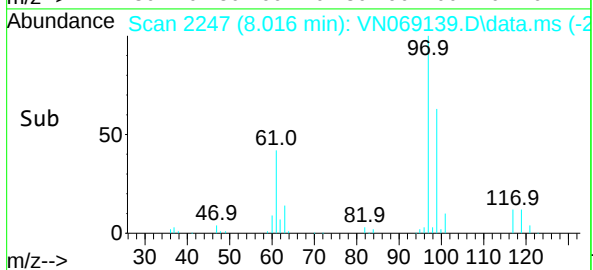
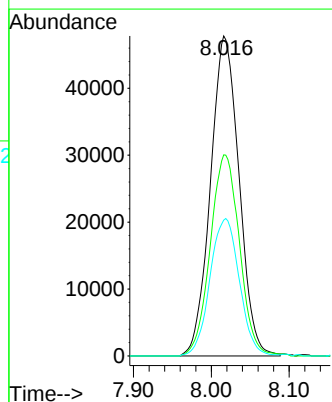
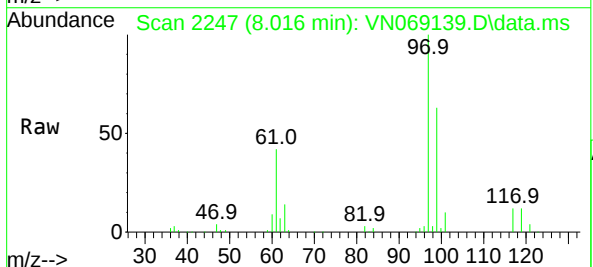
Instrument :
MSVOA_N
ClientSampleId :

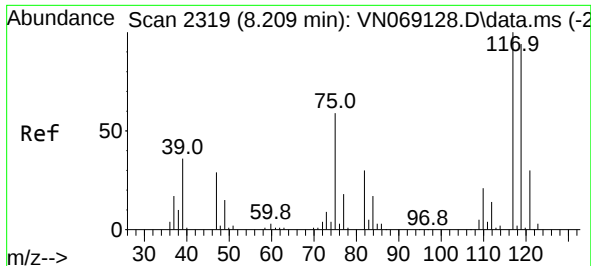
Tgt Ion: 77 Resp: 118025
Ion Ratio Lower Upper
77 100
97 22.0 18.3 27.5



#32
1,1,1-Trichloroethane
Concen: 20.351 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

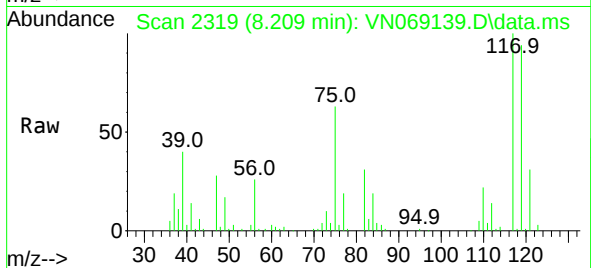
Tgt Ion: 97 Resp: 122019
Ion Ratio Lower Upper
97 100
99 64.4 50.4 75.6
61 44.2 34.6 51.8



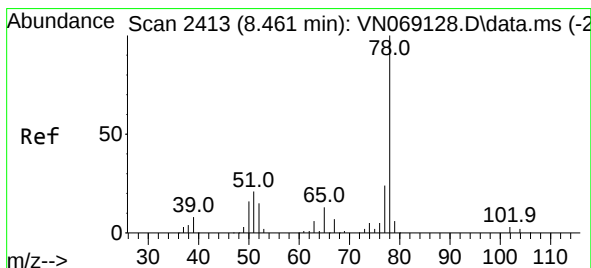
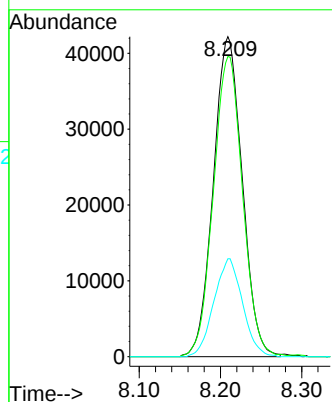
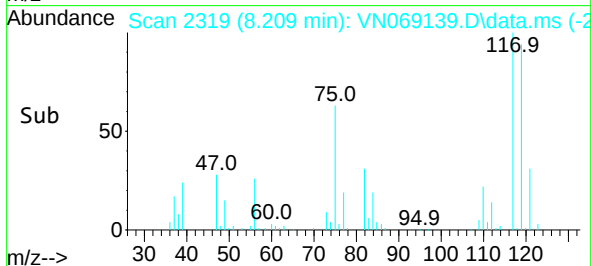


#33
Carbon Tetrachloride
Concen: 20.467 ug/l
RT: 8.209 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

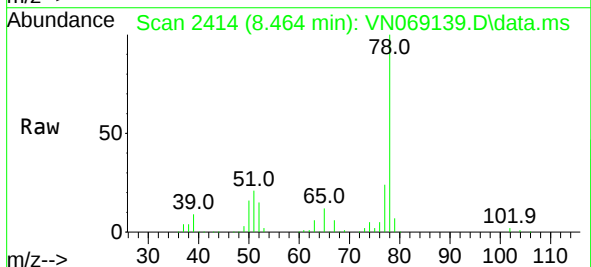
Instrument :
MSVOA_N
ClientSampleId :



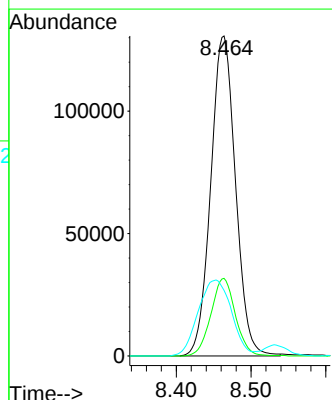
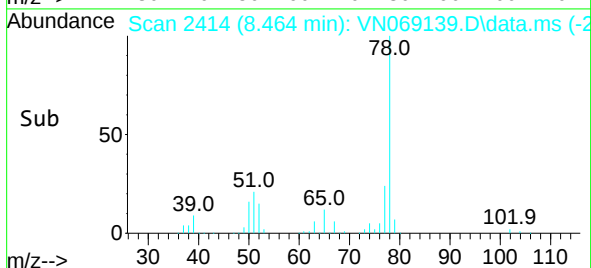
Tgt Ion:117 Resp: 104233
Ion Ratio Lower Upper
117 100
119 93.8 77.5 116.3
121 30.6 23.5 35.3

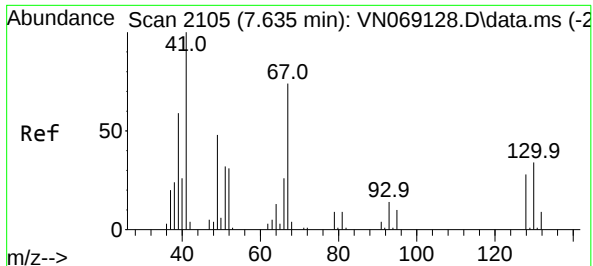


#34
Benzene
Concen: 20.920 ug/l
RT: 8.464 min Scan# 2414
Delta R.T. 0.003 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18



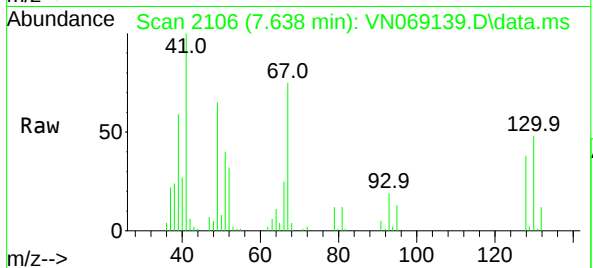
Tgt Ion: 78 Resp: 301007
Ion Ratio Lower Upper
78 100
77 24.2 19.1 28.7
51 19.5 16.0 24.0





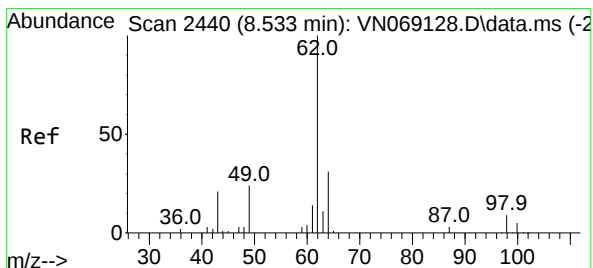
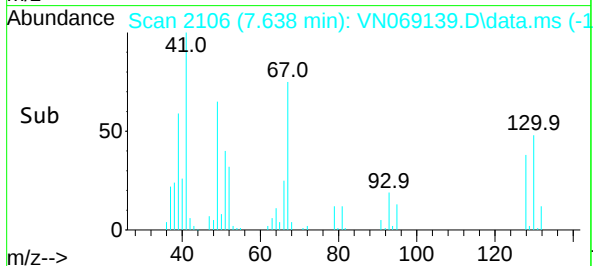
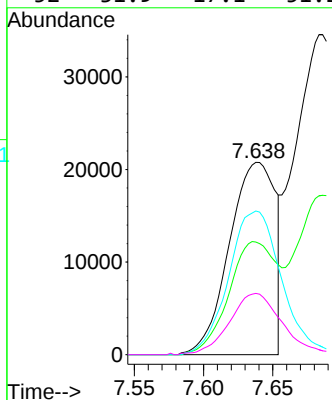
#35
Methacrylonitrile
Concen: 20.715 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. 0.003 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 41 Resp: 47766

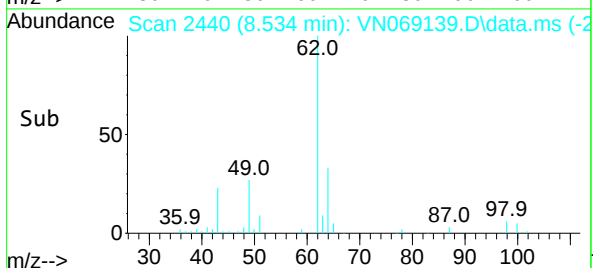
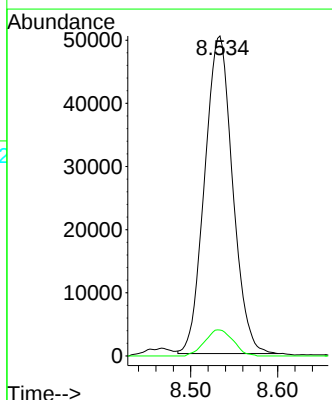
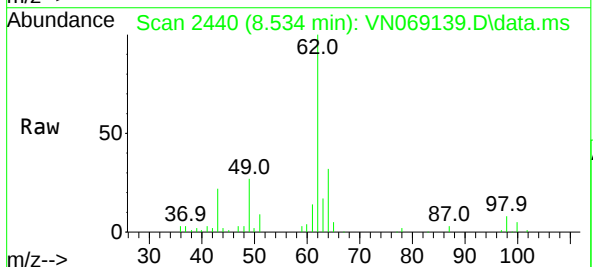
Ion	Ratio	Lower	Upper
41	100		
39	58.6	28.0	83.9
67	74.7	37.7	113.1
52	31.9	17.1	51.2

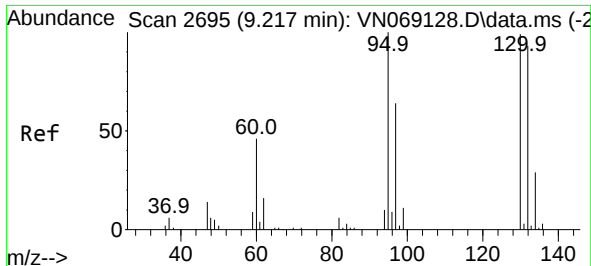


#36
1,2-Dichloroethane
Concen: 21.640 ug/l
RT: 8.534 min Scan# 2440
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

Tgt Ion: 62 Resp: 112378

Ion	Ratio	Lower	Upper
62	100		
98	8.4	6.6	10.0

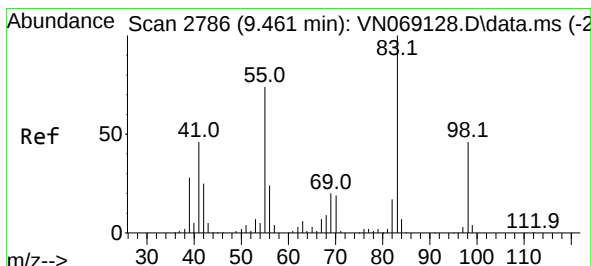
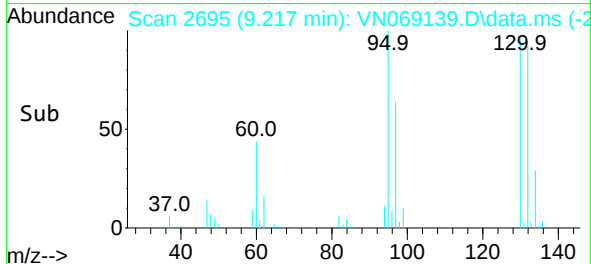
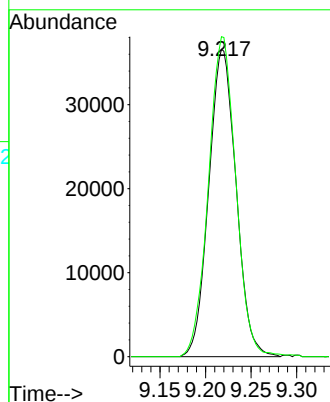
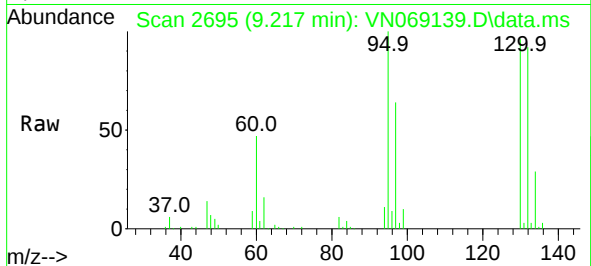




#37
Trichloroethene
Concen: 20.817 ug/l
RT: 9.217 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

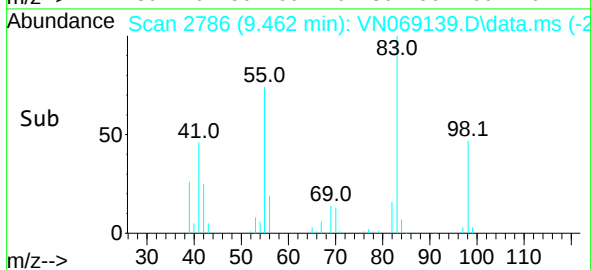
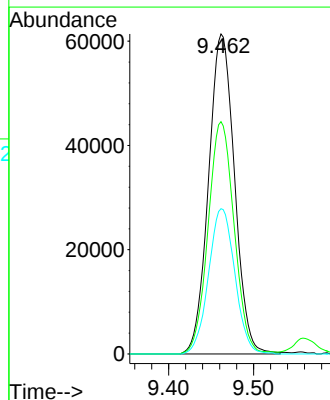
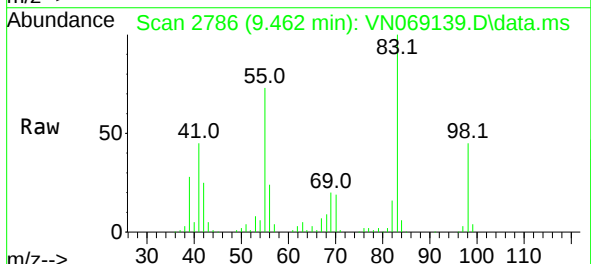
Instrument :
MSVOA_N
ClientSampleId :

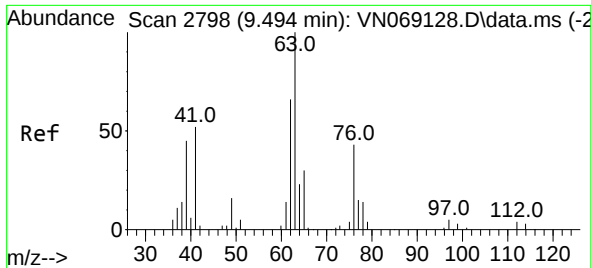
Tgt Ion:130 Resp: 76166
Ion Ratio Lower Upper
130 100
95 104.1 76.6 115.0



#38
Methylcyclohexane
Concen: 21.291 ug/l
RT: 9.462 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

Tgt Ion: 83 Resp: 130605
Ion Ratio Lower Upper
83 100
55 72.6 35.1 105.3
98 45.9 23.4 70.2





#39

1,2-Dichloropropane

Concen: 21.500 ug/l

RT: 9.491 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN069139.D

Acq: 22 Oct 2021 17:18

Instrument :

MSVOA_N

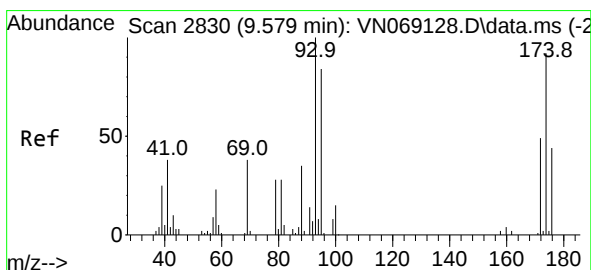
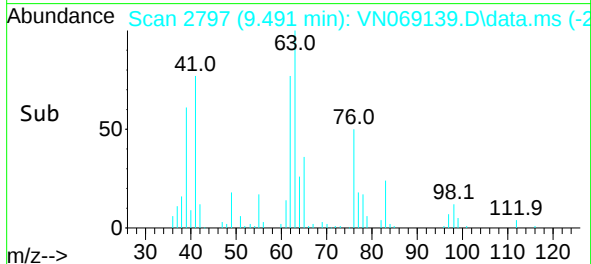
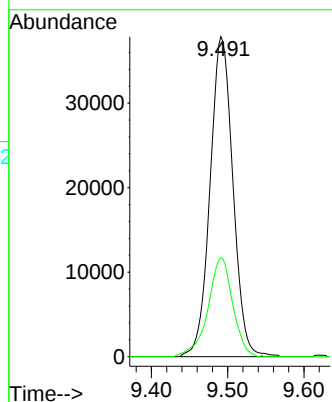
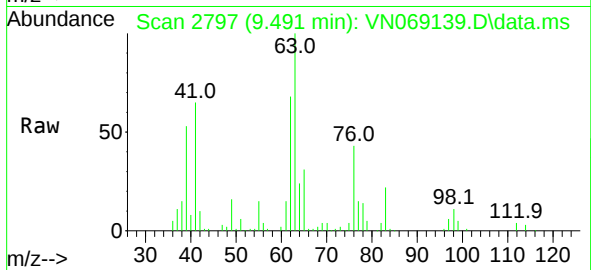
ClientSampleId :

Tgt Ion: 63 Resp: 78888

Ion Ratio Lower Upper

63 100

65 30.8 24.2 36.4



#40

Dibromomethane

Concen: 21.501 ug/l

RT: 9.580 min Scan# 2830

Delta R.T. 0.000 min

Lab File: VN069139.D

Acq: 22 Oct 2021 17:18

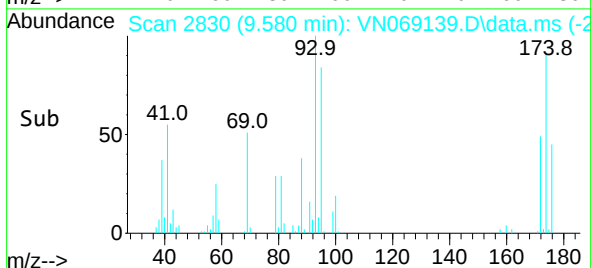
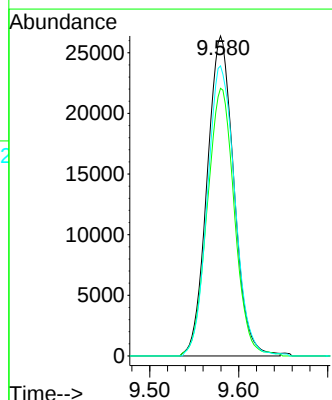
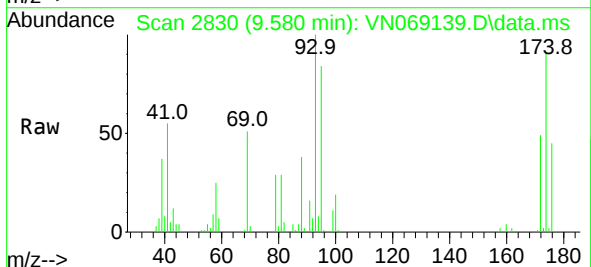
Tgt Ion: 93 Resp: 55156

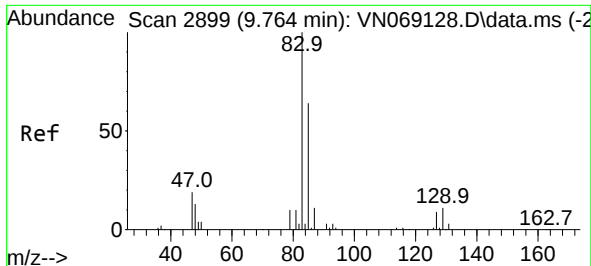
Ion Ratio Lower Upper

93 100

95 84.4 0.0 168.8

174 92.8 0.0 173.6

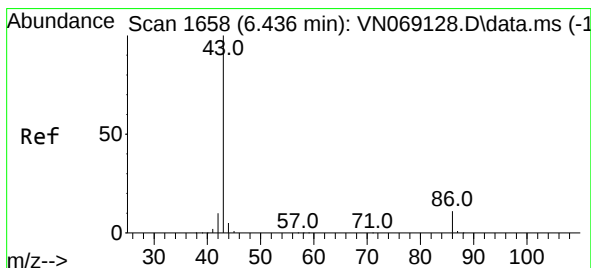
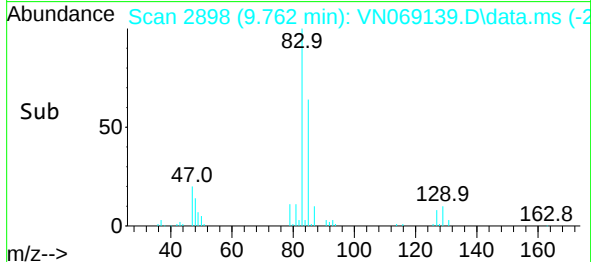
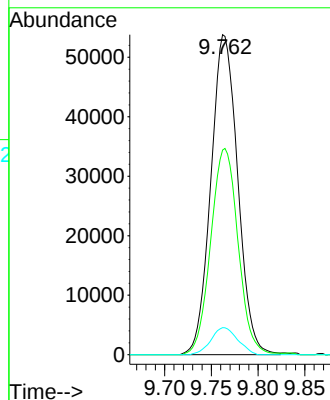
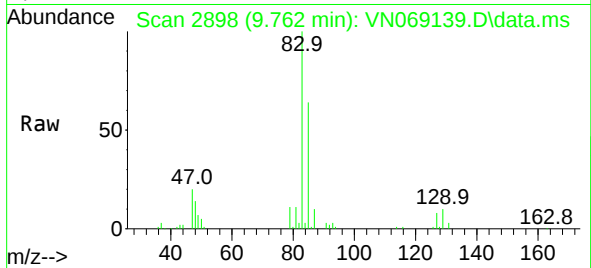




#41
Bromodichloromethane
Concen: 21.029 ug/l
RT: 9.762 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

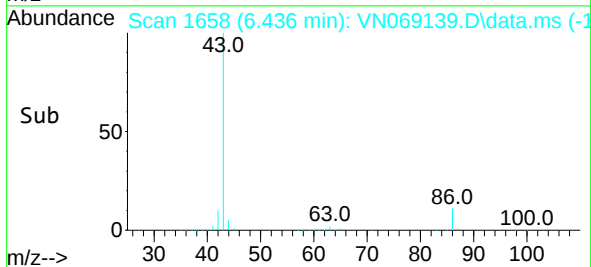
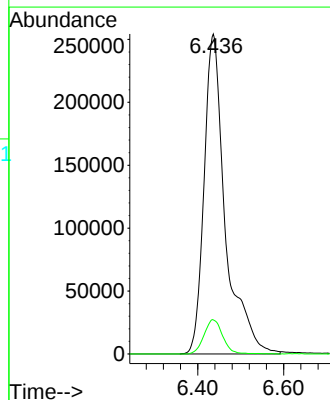
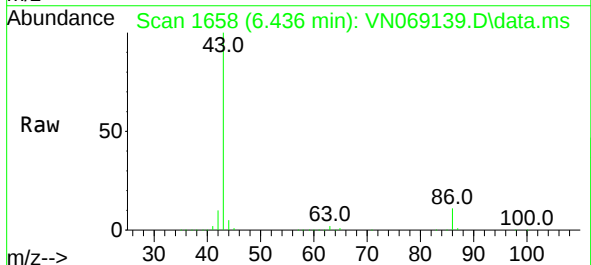
Instrument :
MSVOA_N
ClientSampleId :

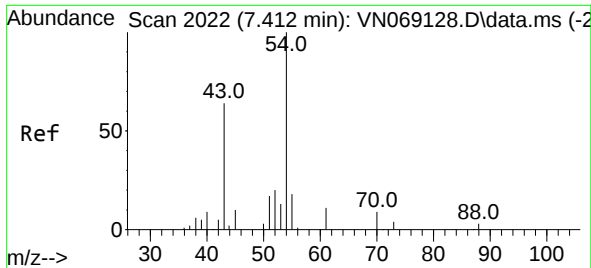
Tgt Ion: 83 Resp: 107792
Ion Ratio Lower Upper
83 100
85 64.0 54.1 81.1
127 8.4 7.6 11.4



#42
Vinyl Acetate
Concen: 105.993 ug/l
RT: 6.436 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

Tgt Ion: 43 Resp: 875085
Ion Ratio Lower Upper
43 100
86 9.3 7.5 11.3

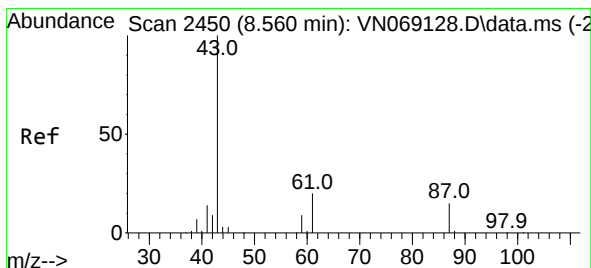
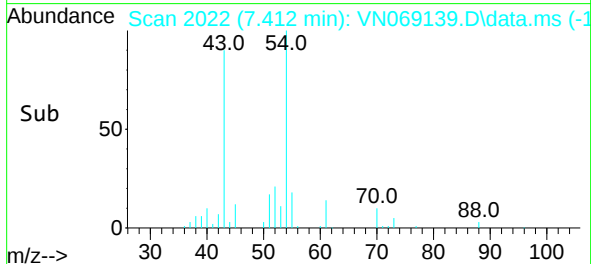
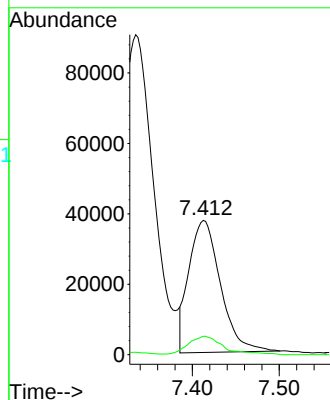
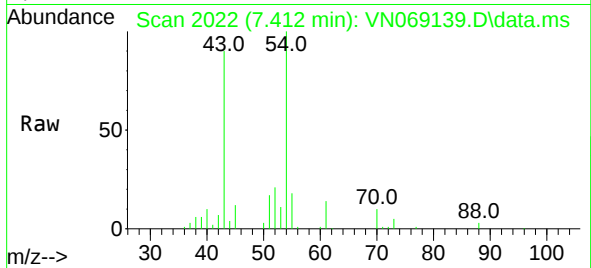




#43
Ethyl Acetate
Concen: 20.922 ug/l
RT: 7.412 min Scan# 2022
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

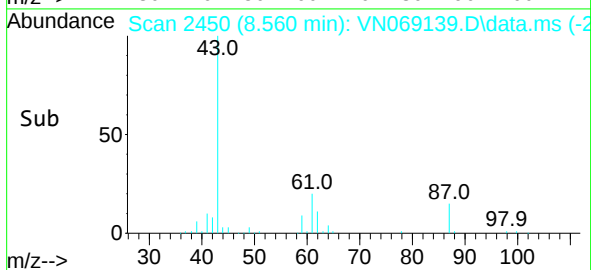
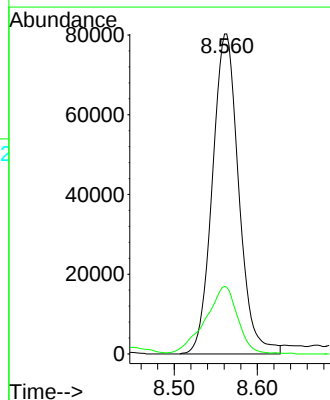
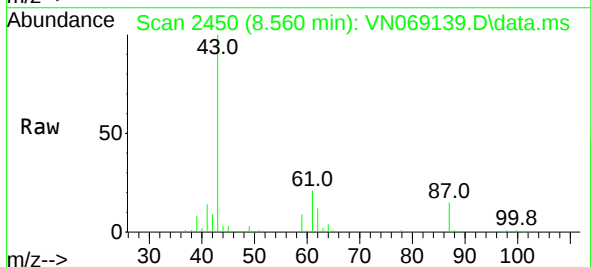
Instrument :
MSVOA_N
ClientSampleId :

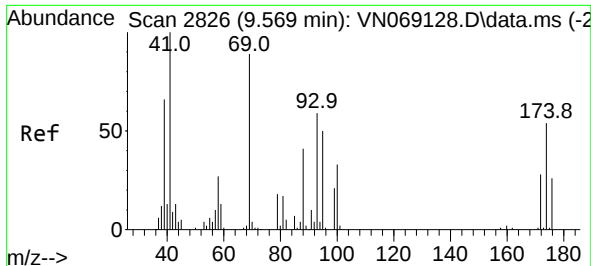
Tgt Ion: 43 Resp: 94431
Ion Ratio Lower Upper
43 100
45 15.7 10.6 16.0



#44
Isopropyl Acetate
Concen: 21.192 ug/l
RT: 8.560 min Scan# 2450
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

Tgt Ion: 43 Resp: 177105
Ion Ratio Lower Upper
43 100
61 25.7 20.1 30.1

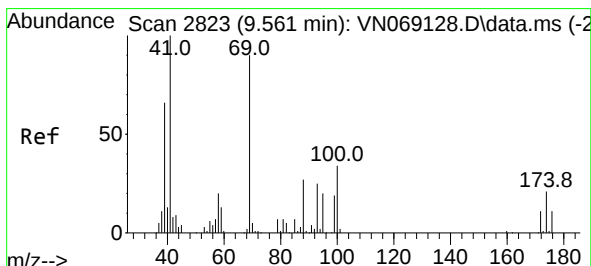
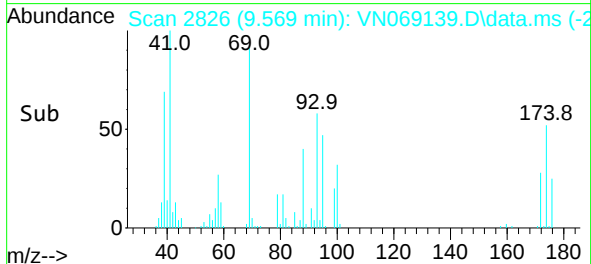
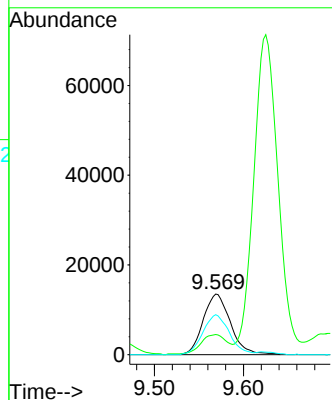
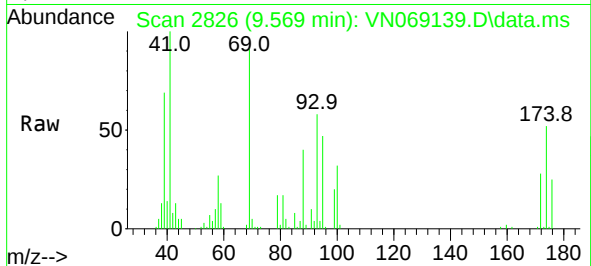




#45
1,4-Dioxane
Concen: 430.334 ug/l
RT: 9.569 min Scan# 2826
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

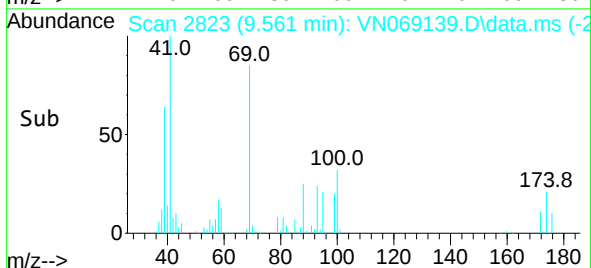
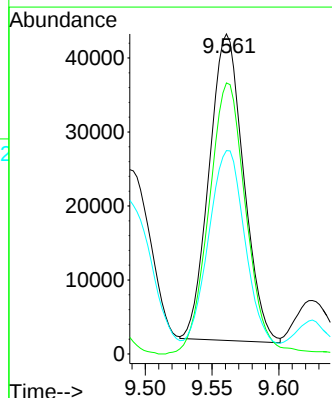
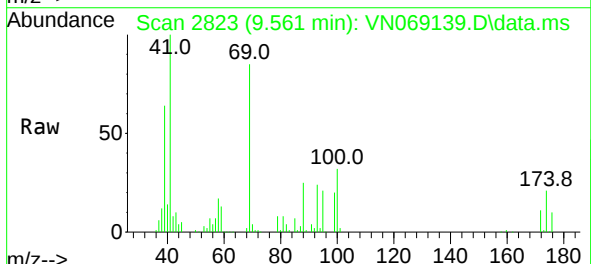
Instrument :
MSVOA_N
ClientSampleId :

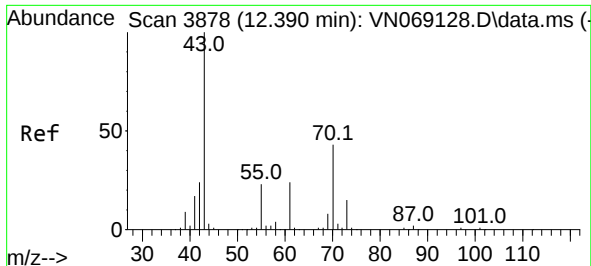
Tgt Ion: 88 Resp: 28783
Ion Ratio Lower Upper
88 100
43 29.9 25.0 37.6
58 64.1 49.4 74.2



#46
Methyl methacrylate
Concen: 19.638 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

Tgt Ion: 41 Resp: 74191
Ion Ratio Lower Upper
41 100
69 87.4 44.4 133.2
39 63.3 39.9 119.6

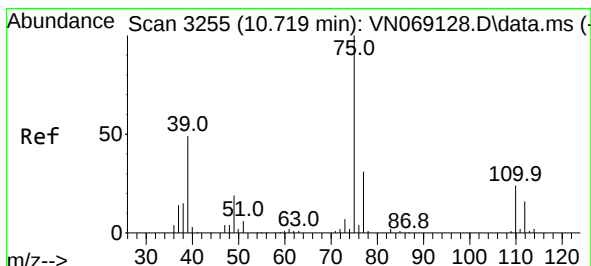
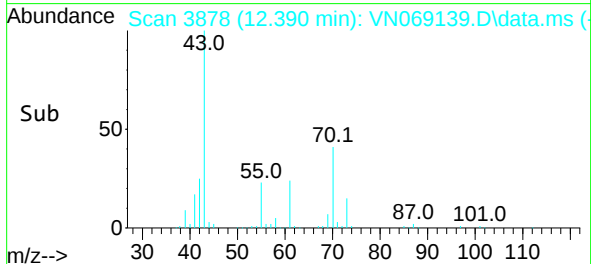
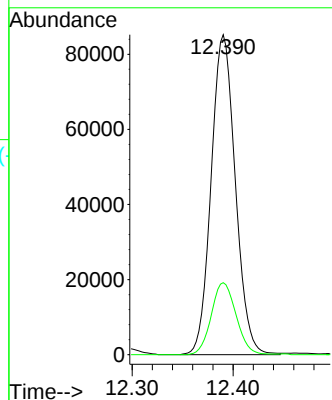
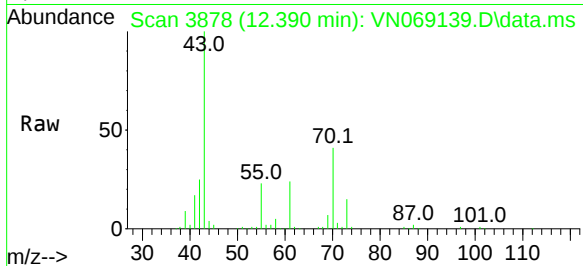




#47
n-amyl acetate
Concen: 19.959 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

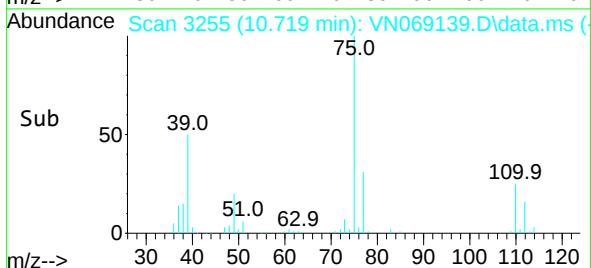
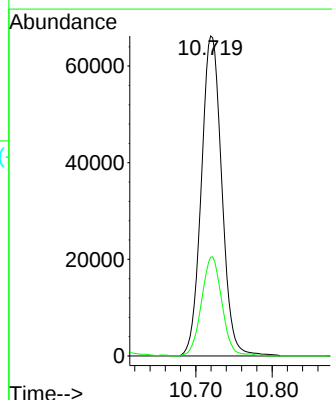
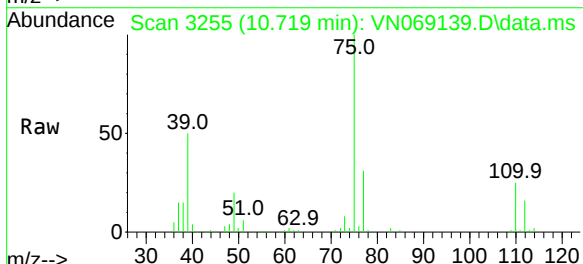
Instrument :
MSVOA_N
ClientSampleId :

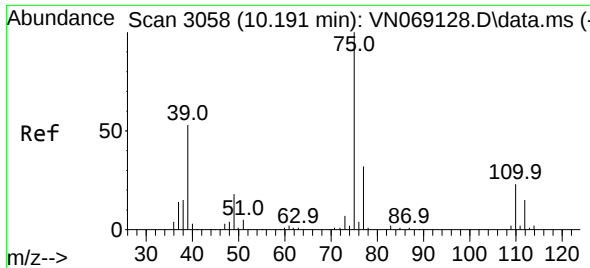
Tgt Ion: 43 Resp: 141615
Ion Ratio Lower Upper
43 100
55 23.1 19.0 28.6



#48
t-1,3-Dichloropropene
Concen: 20.820 ug/l
RT: 10.719 min Scan# 3255
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

Tgt Ion: 75 Resp: 123438
Ion Ratio Lower Upper
75 100
77 30.9 25.3 37.9





#49

cis-1,3-Dichloropropene

Concen: 20.707 ug/l

RT: 10.191 min Scan# 3058

Delta R.T. 0.000 min

Lab File: VN069139.D

Acq: 22 Oct 2021 17:18

Instrument :

MSVOA_N

ClientSampleId :

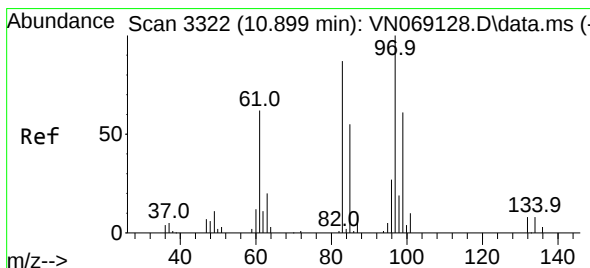
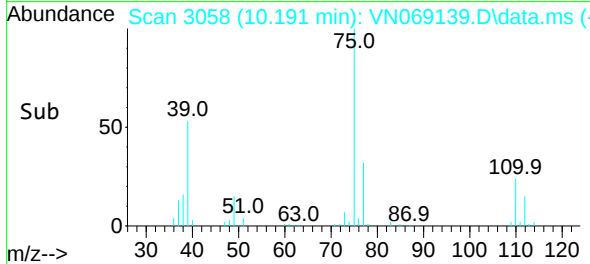
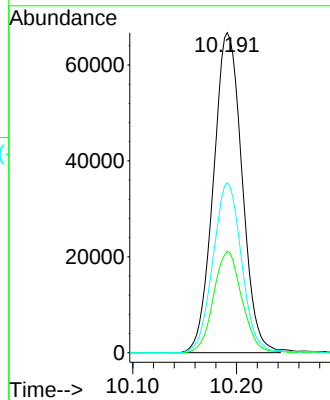
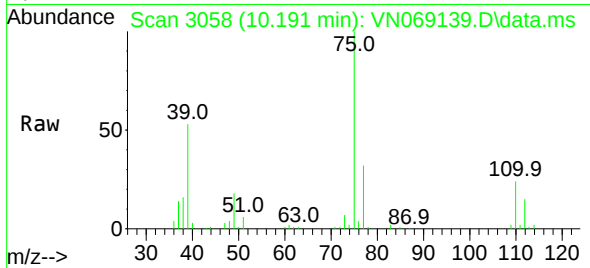
Tgt Ion: 75 Resp: 127847

Ion Ratio Lower Upper

75 100

77 31.7 25.3 37.9

39 53.1 46.2 69.4



#50

1,1,2-Trichloroethane

Concen: 21.520 ug/l

RT: 10.902 min Scan# 3323

Delta R.T. 0.003 min

Lab File: VN069139.D

Acq: 22 Oct 2021 17:18

Tgt Ion: 97 Resp: 79230

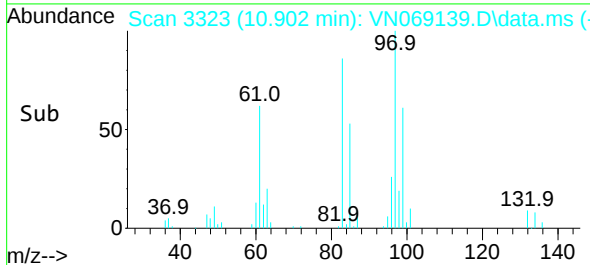
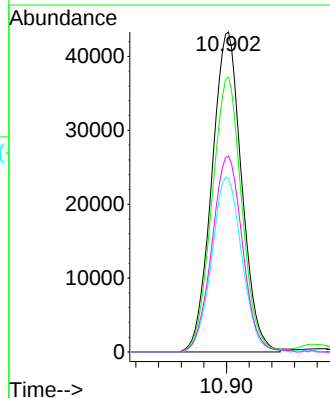
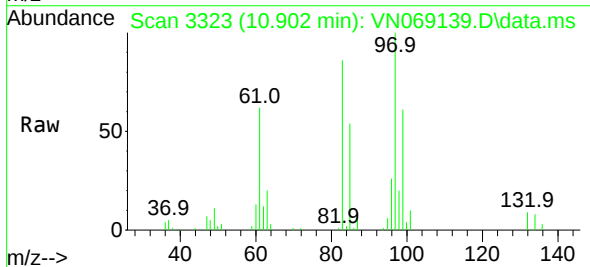
Ion Ratio Lower Upper

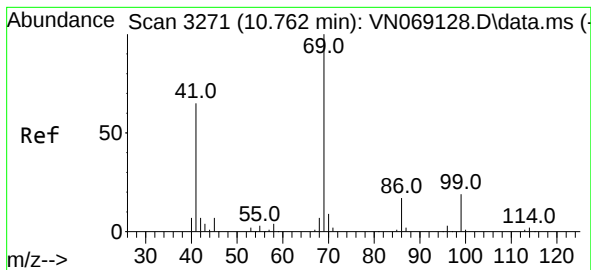
97 100

83 85.9 67.2 100.8

85 54.2 43.0 64.4

99 61.2 49.0 73.4





#51

Ethyl methacrylate

Concen: 21.071 ug/l

RT: 10.762 min Scan# 3271

Delta R.T. 0.000 min

Lab File: VN069139.D

Acq: 22 Oct 2021 17:18

Instrument :

MSVOA_N

ClientSampleId :

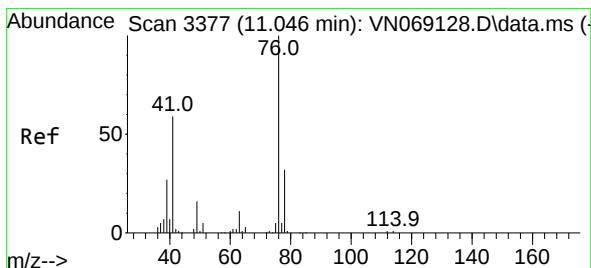
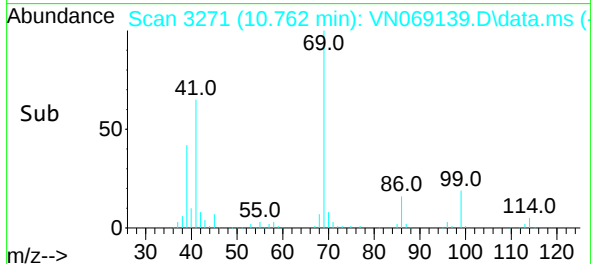
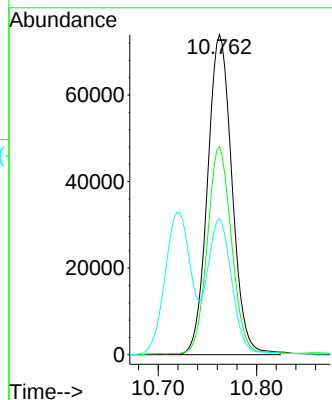
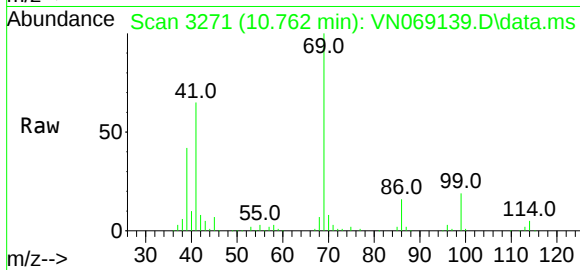
Tgt Ion: 69 Resp: 127879

Ion Ratio Lower Upper

69 100

41 64.6 33.0 98.9

39 42.0 25.4 76.4



#52

1,3-Dichloropropane

Concen: 21.488 ug/l

RT: 11.047 min Scan# 3377

Delta R.T. 0.000 min

Lab File: VN069139.D

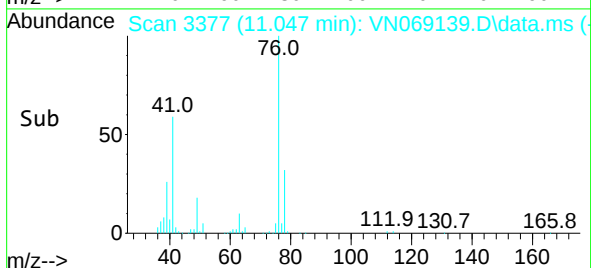
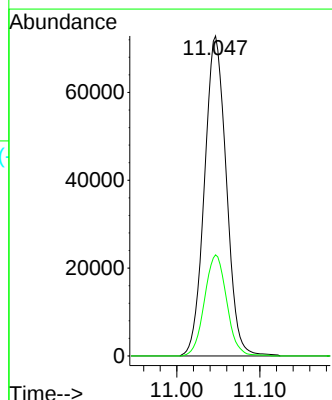
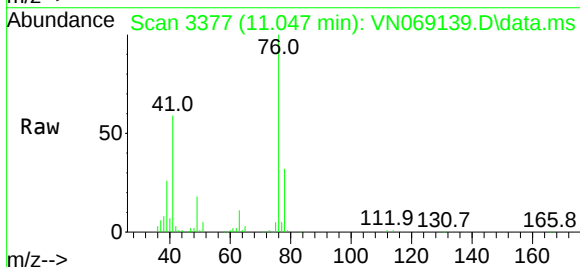
Acq: 22 Oct 2021 17:18

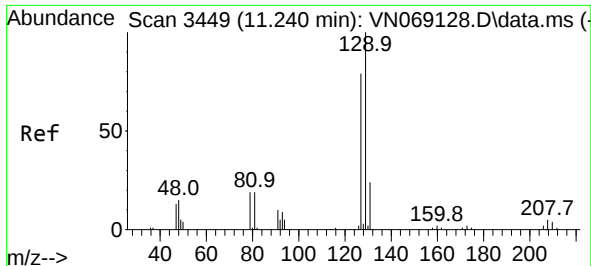
Tgt Ion: 76 Resp: 133099

Ion Ratio Lower Upper

76 100

78 32.0 0.0 65.4

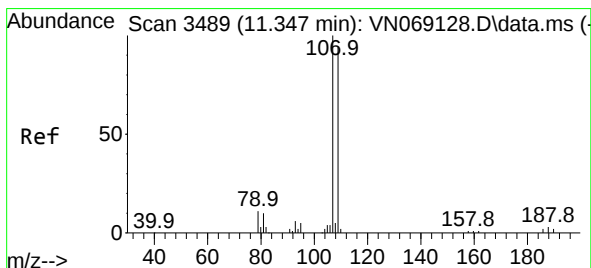
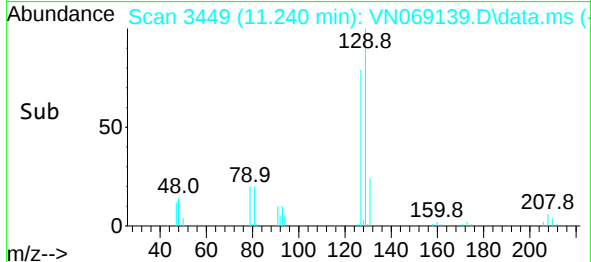
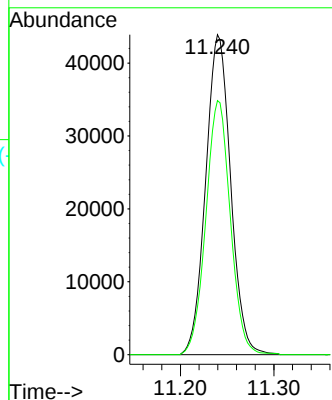
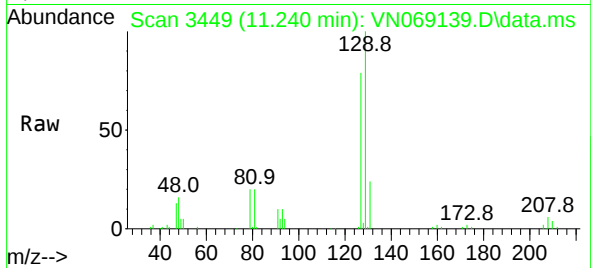




#53
Dibromochloromethane
Concen: 20.745 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

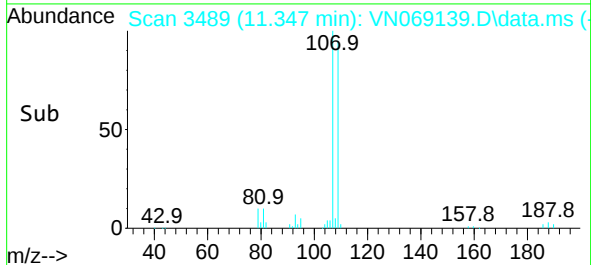
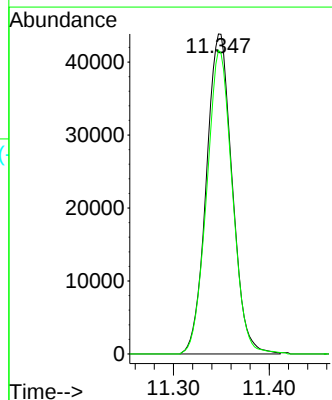
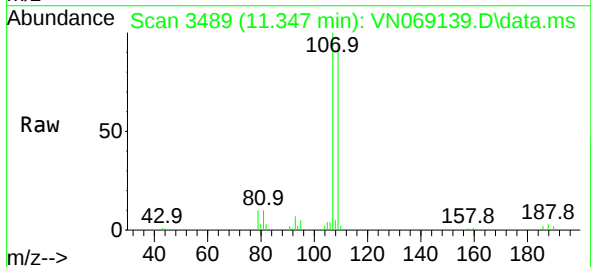
Instrument :
MSVOA_N
ClientSampleId :

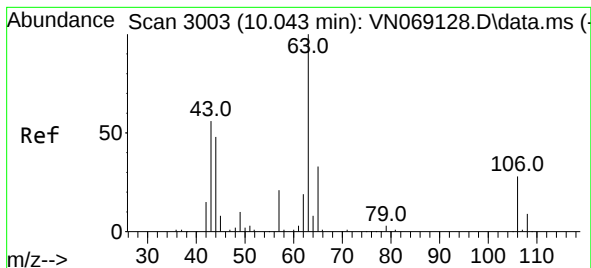
Tgt Ion:129 Resp: 81534
Ion Ratio Lower Upper
129 100
127 78.0 39.0 117.0



#54
1,2-Dibromoethane
Concen: 21.309 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

Tgt Ion:107 Resp: 82012
Ion Ratio Lower Upper
107 100
109 94.1 72.8 109.2

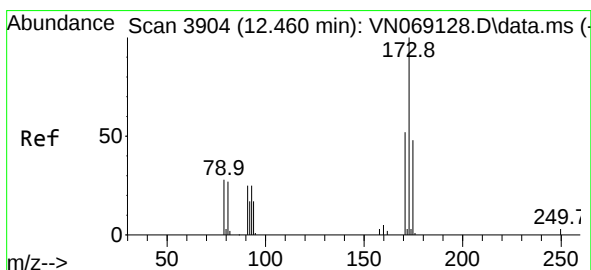
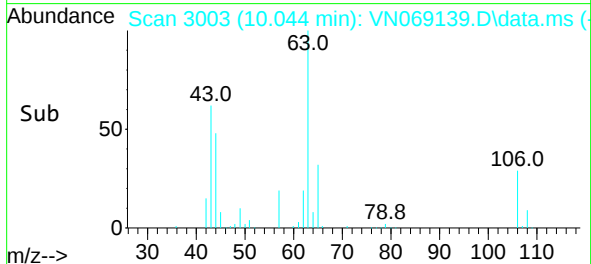
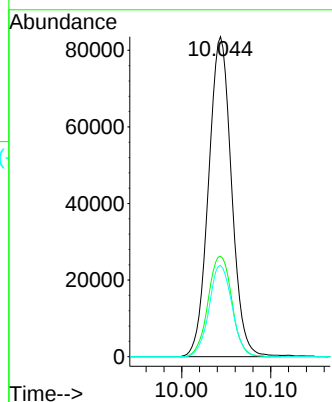
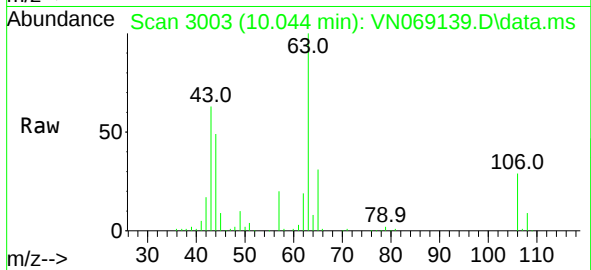




#55
2-Chloroethyl vinyl ether
Concen: 77.660 ug/l
RT: 10.044 min Scan# 3003
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

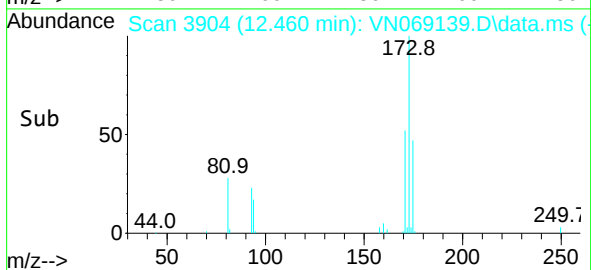
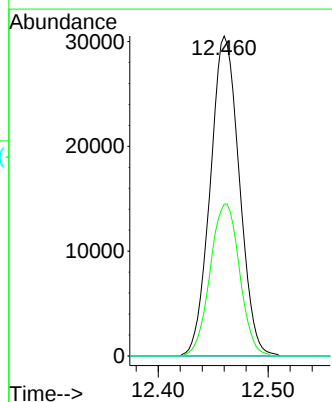
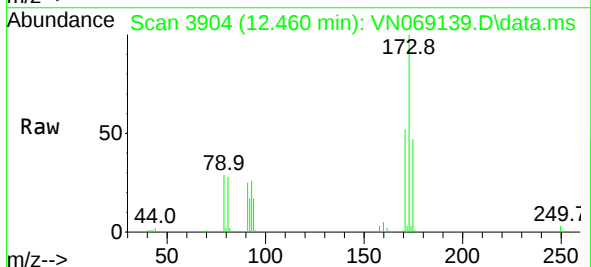
Instrument :
MSVOA_N
ClientSampleId :

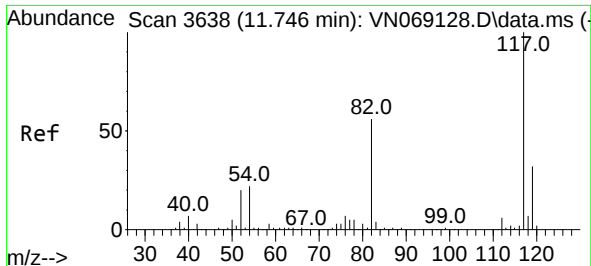
Tgt Ion: 63 Resp: 149638
Ion Ratio Lower Upper
63 100
65 32.5 25.4 38.0
106 28.5 23.2 34.8



#56
Bromoform
Concen: 19.735 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

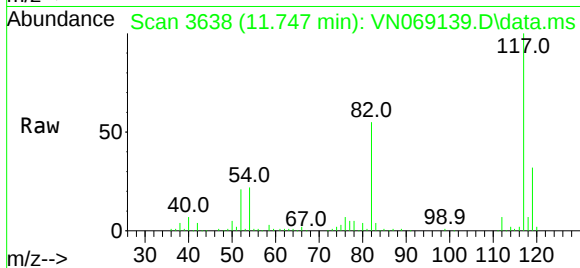
Tgt Ion: 173 Resp: 55911
Ion Ratio Lower Upper
173 100
175 48.2 38.6 58.0
254 0.0 0.0 0.0



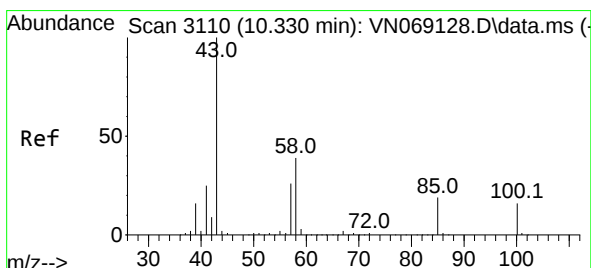
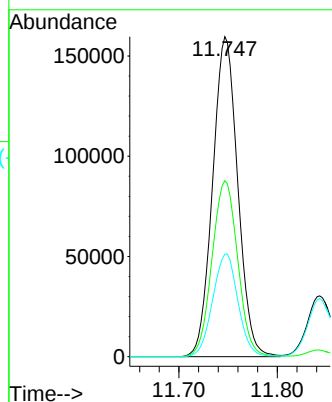
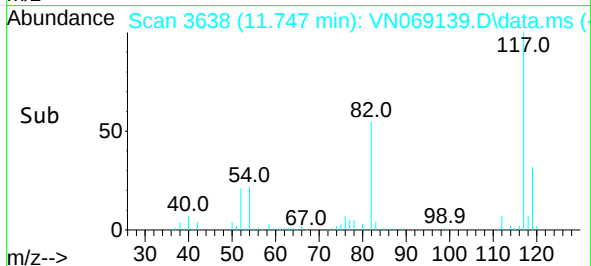


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.747 min Scan# 3110
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

Instrument :
MSVOA_N
ClientSampleId :

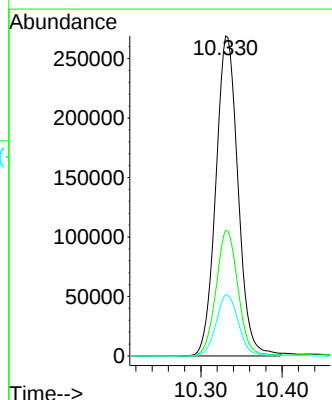
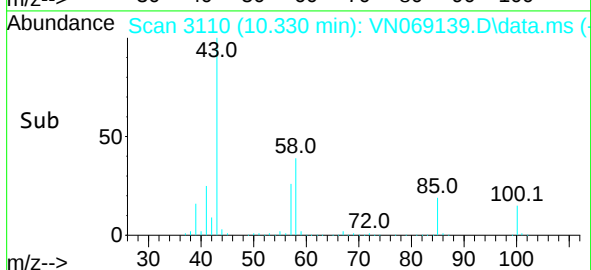
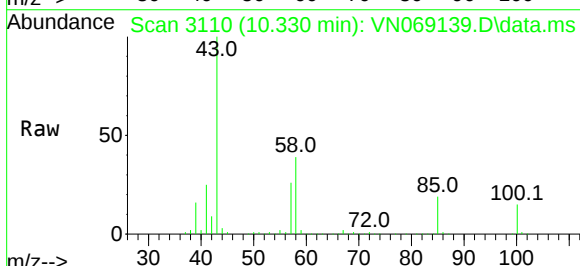


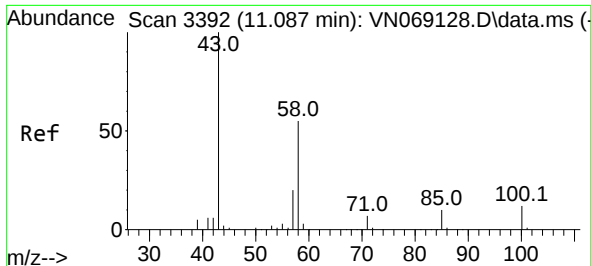
Tgt Ion:117 Resp: 283227
Ion Ratio Lower Upper
117 100
82 56.3 43.6 65.4
119 32.3 25.8 38.6



#58
4-Methyl-2-Pentanone
Concen: 106.622 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

Tgt Ion: 43 Resp: 509459
Ion Ratio Lower Upper
43 100
58 39.1 30.0 45.0
85 19.2 15.0 22.6

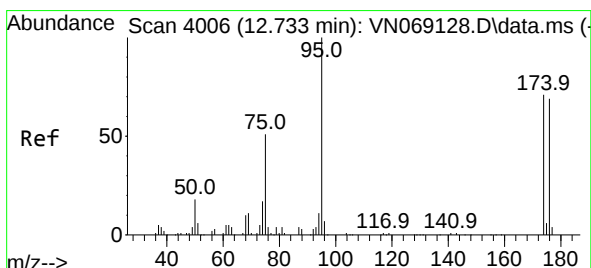
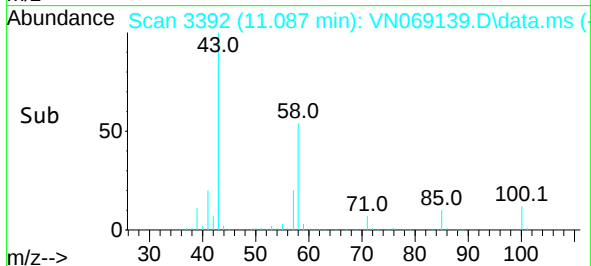
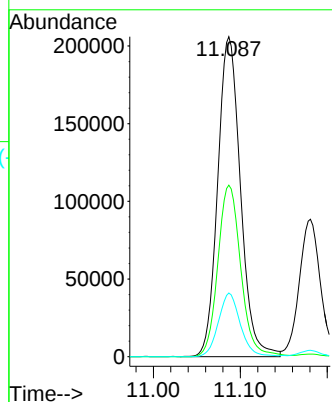
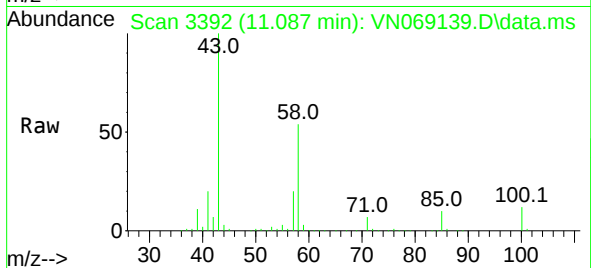




#59
2-Hexanone
Concen: 103.904 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

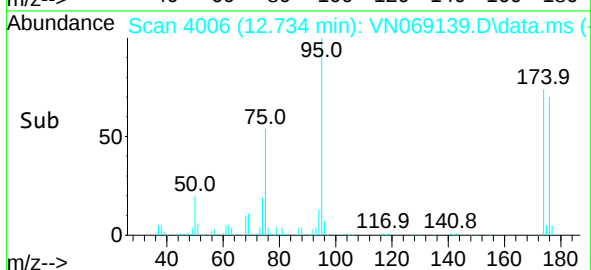
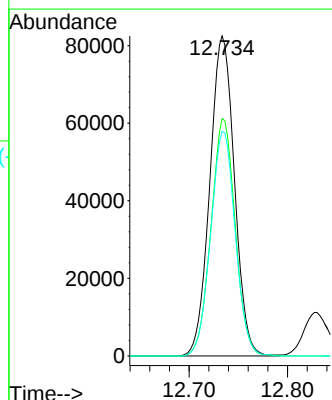
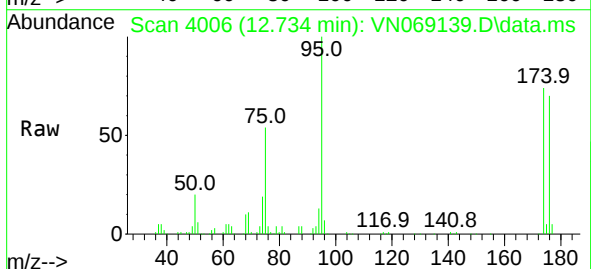
Instrument :
MSVOA_N
ClientSampleId :

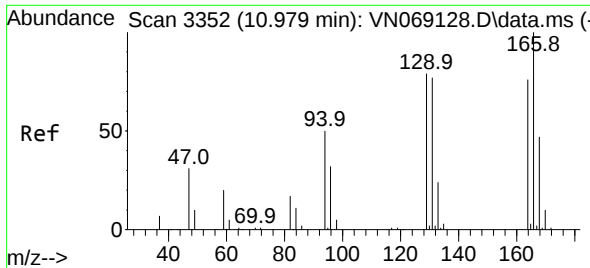
Tgt Ion: 43 Resp: 374921
Ion Ratio Lower Upper
43 100
58 54.0 42.2 63.2
57 19.2 15.0 22.4



#60
4-Bromofluorobenzene
Concen: 29.517 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

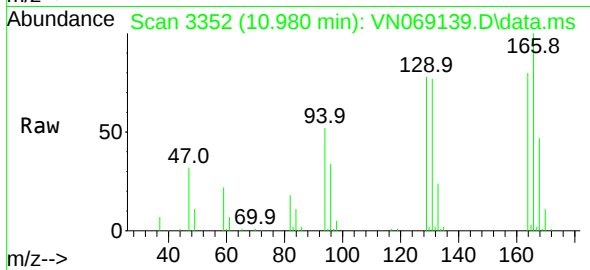
Tgt Ion: 95 Resp: 143346
Ion Ratio Lower Upper
95 100
174 72.9 62.9 94.3
176 70.1 61.0 91.4



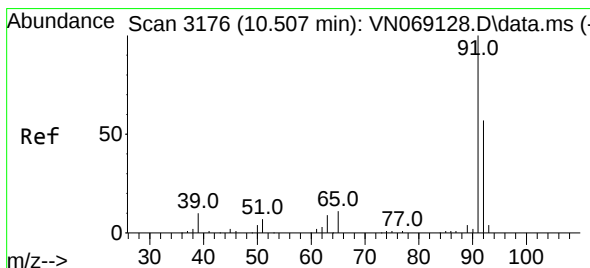
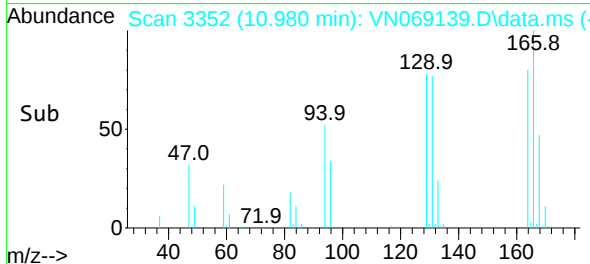
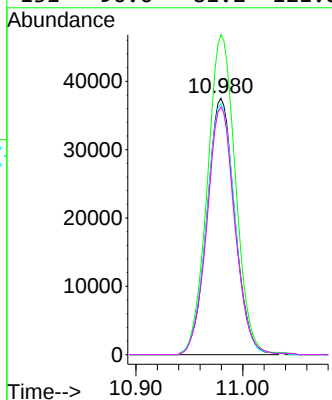


#61
Tetrachloroethene
Concen: 22.066 ug/l
RT: 10.980 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

Instrument :
MSVOA_N
ClientSampleId :

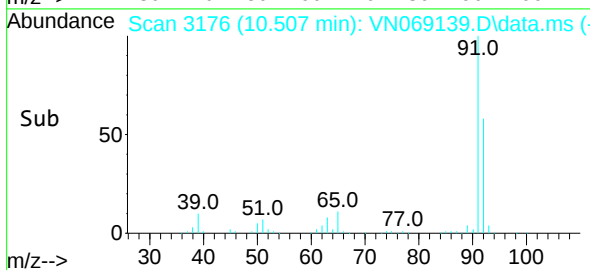
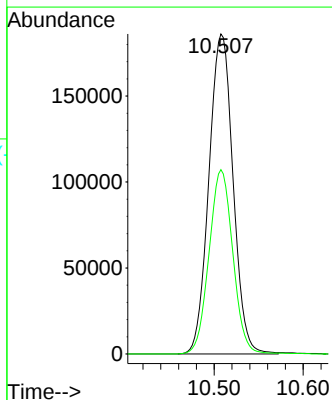
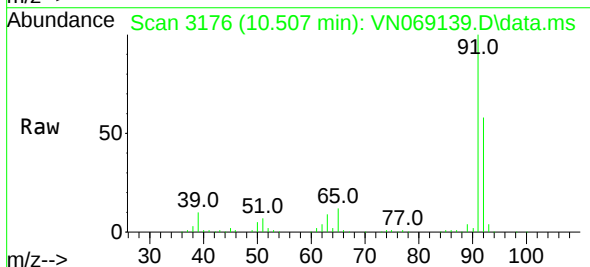


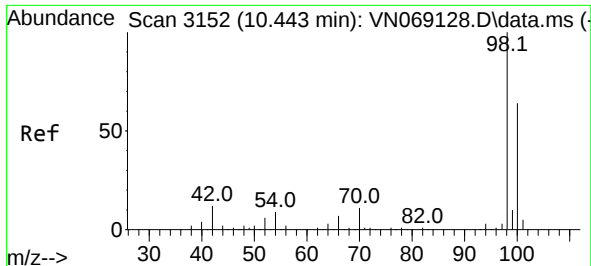
Tgt Ion:164 Resp: 67923
Ion Ratio Lower Upper
164 100
166 124.8 105.8 158.8
129 98.0 82.5 123.7
131 96.6 81.2 121.8



#62
Toluene
Concen: 21.282 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

Tgt Ion: 91 Resp: 351085
Ion Ratio Lower Upper
91 100
92 56.7 44.6 67.0

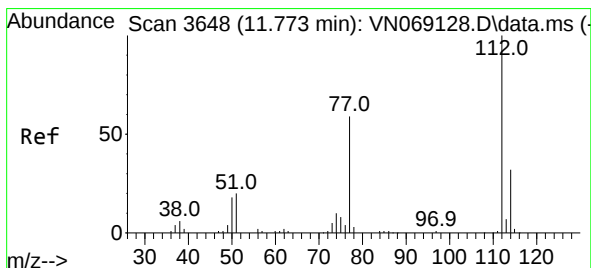
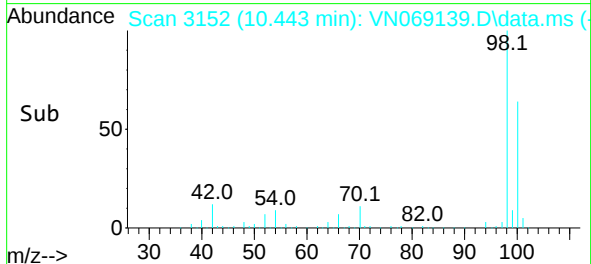
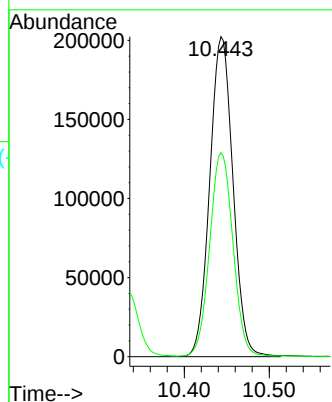
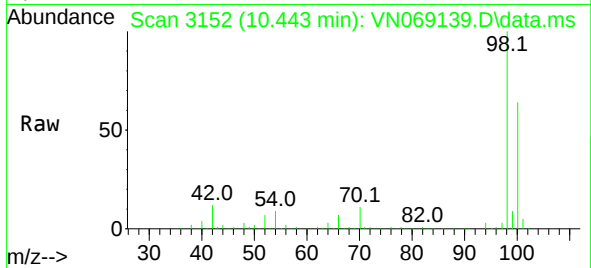




#63
Toluene-d8
Concen: 30.033 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

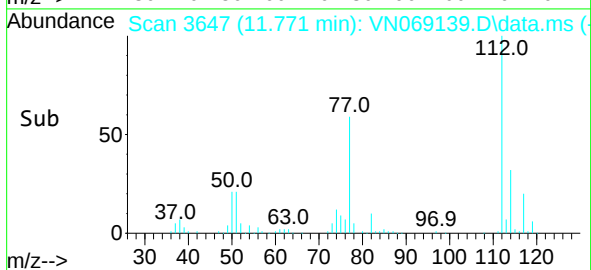
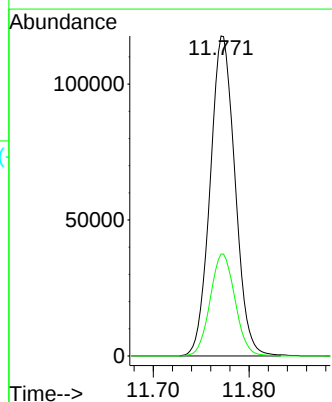
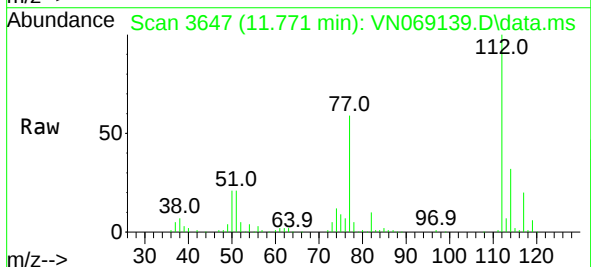
Instrument :
MSVOA_N
ClientSampleId :

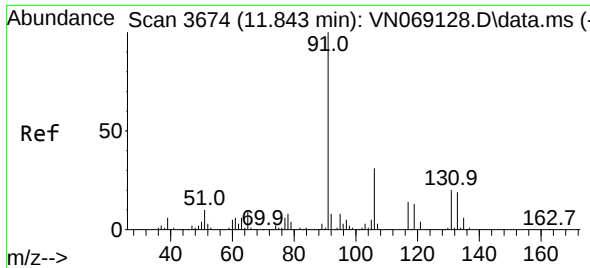
Tgt Ion: 98 Resp: 384309
Ion Ratio Lower Upper
98 100
100 63.5 50.6 76.0



#64
Chlorobenzene
Concen: 21.214 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.003 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

Tgt Ion: 112 Resp: 212255
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.6

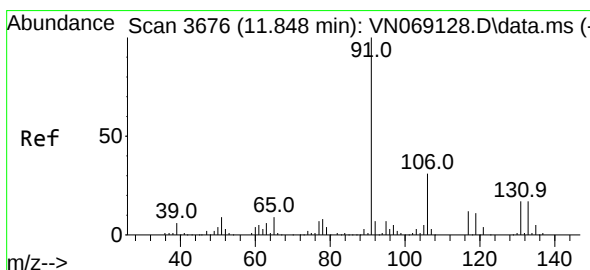
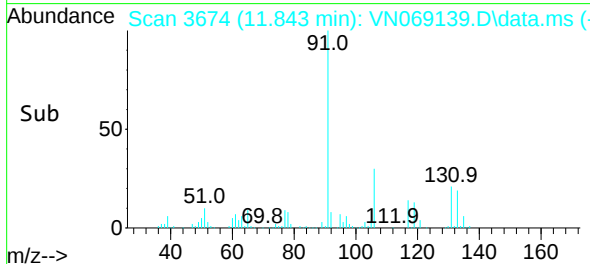
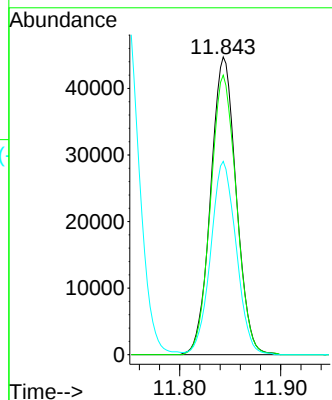
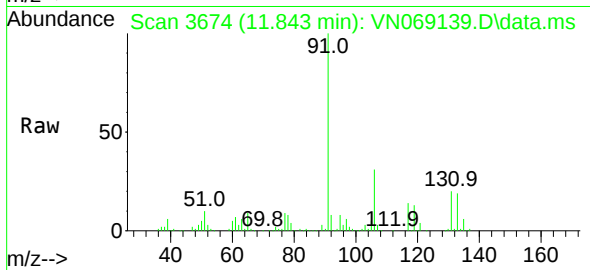




#65
 1,1,1,2-Tetrachloroethane
 Concen: 21.114 ug/l
 RT: 11.843 min Scan# 3674
 Delta R.T. 0.000 min
 Lab File: VN069139.D
 Acq: 22 Oct 2021 17:18

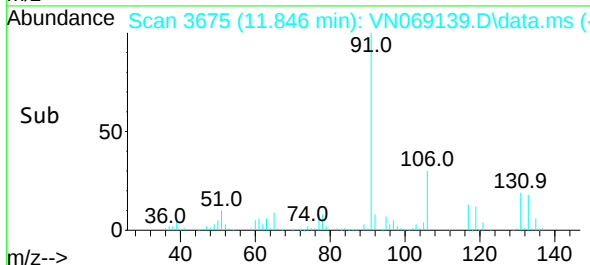
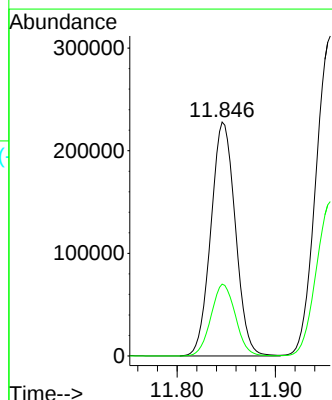
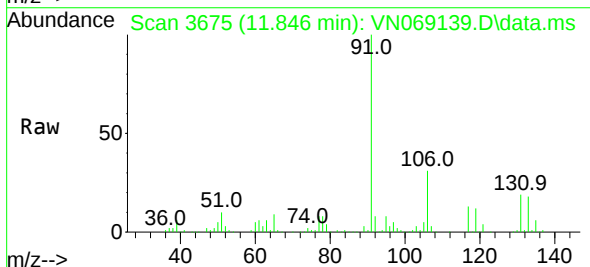
Instrument :
 MSVOA_N
 ClientSampleId :

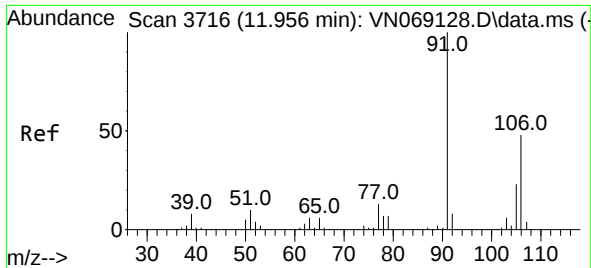
Tgt Ion:131 Resp: 78592
 Ion Ratio Lower Upper
 131 100
 133 95.0 0.0 191.2
 119 64.8 0.0 128.8



#66
 Ethyl Benzene
 Concen: 21.220 ug/l
 RT: 11.846 min Scan# 3675
 Delta R.T. -0.003 min
 Lab File: VN069139.D
 Acq: 22 Oct 2021 17:18

Tgt Ion: 91 Resp: 393577
 Ion Ratio Lower Upper
 91 100
 106 30.7 24.0 36.0

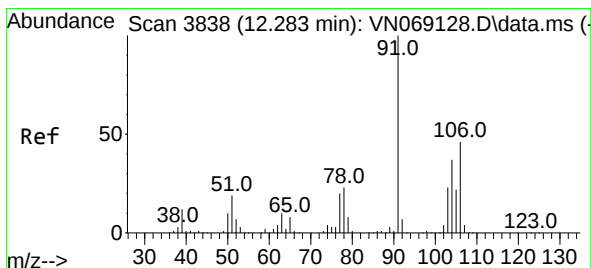
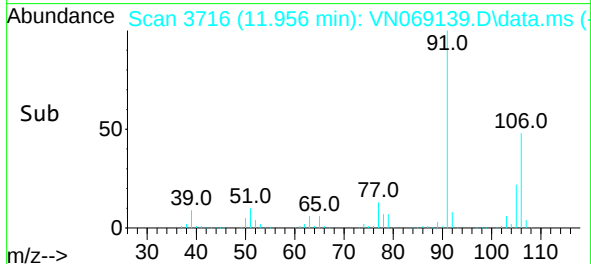
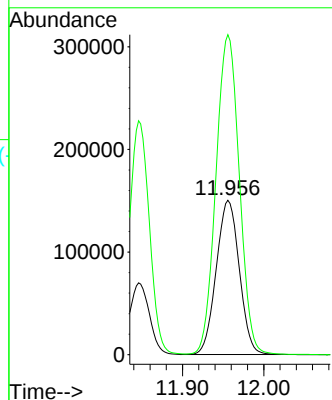
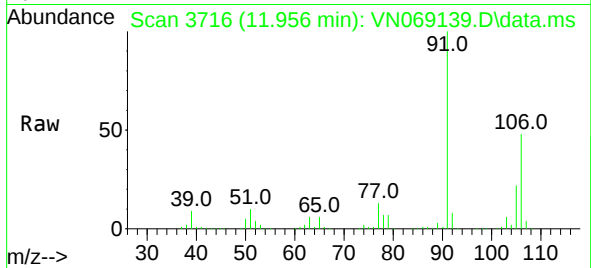




#67
m/p-Xylenes
Concen: 42.453 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

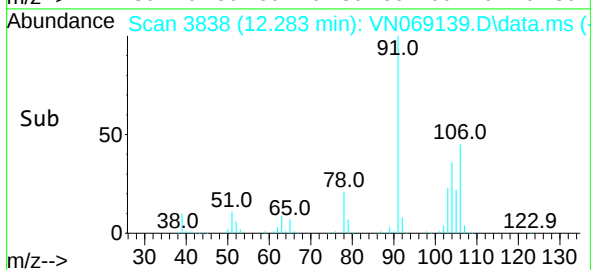
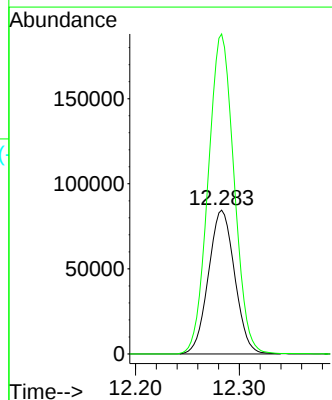
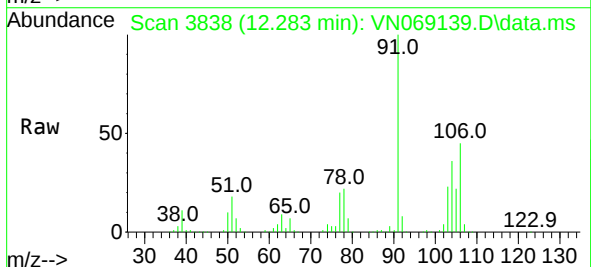
Instrument :
MSVOA_N
ClientSampleId :

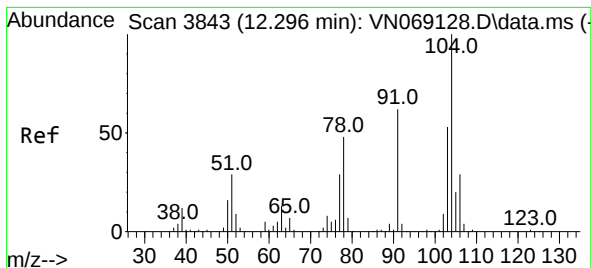
Tgt Ion:106 Resp: 296106
Ion Ratio Lower Upper
106 100
91 210.8 162.9 244.3



#68
o-Xylene
Concen: 21.233 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

Tgt Ion:106 Resp: 148292
Ion Ratio Lower Upper
106 100
91 219.9 107.7 323.1





#69

Styrene

Concen: 21.041 ug/l

RT: 12.296 min Scan# 3843

Delta R.T. 0.000 min

Lab File: VN069139.D

Acq: 22 Oct 2021 17:18

Instrument :

MSVOA_N

ClientSampleId :

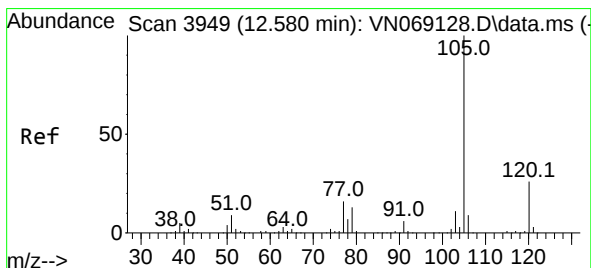
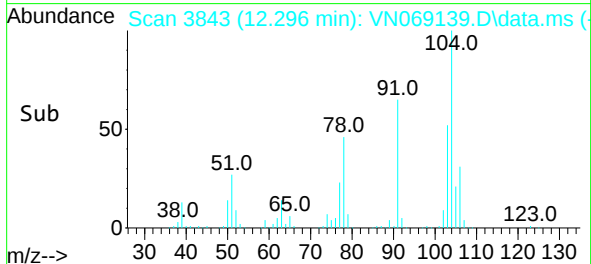
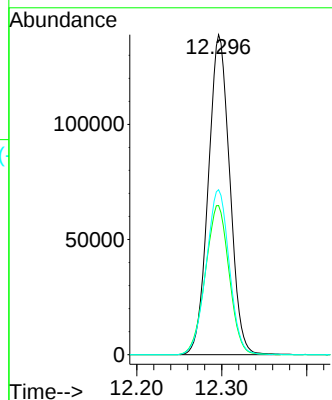
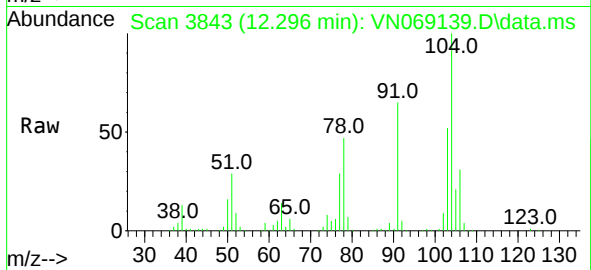
Tgt Ion:104 Resp: 243518

Ion Ratio Lower Upper

104 100

78 51.6 40.7 61.1

103 55.6 45.8 68.8



#70

Isopropylbenzene

Concen: 21.051 ug/l

RT: 12.581 min Scan# 3949

Delta R.T. 0.000 min

Lab File: VN069139.D

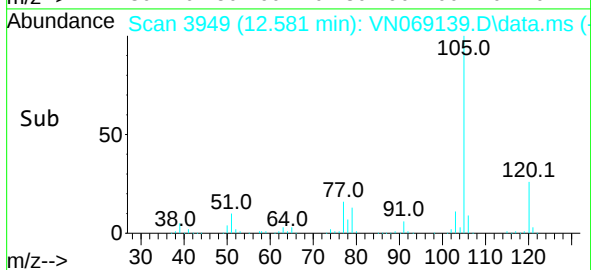
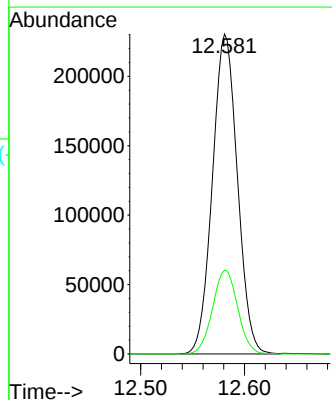
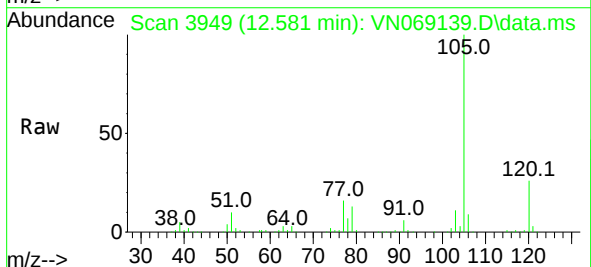
Acq: 22 Oct 2021 17:18

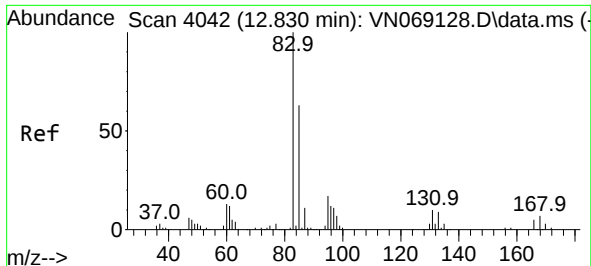
Tgt Ion:105 Resp: 385447

Ion Ratio Lower Upper

105 100

120 26.3 18.3 34.1

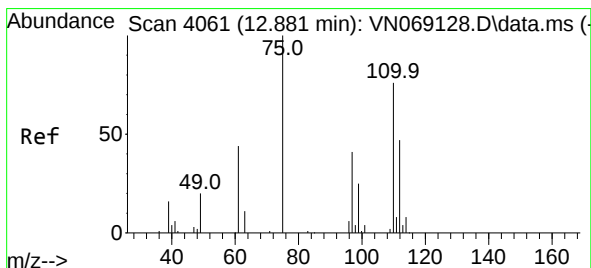
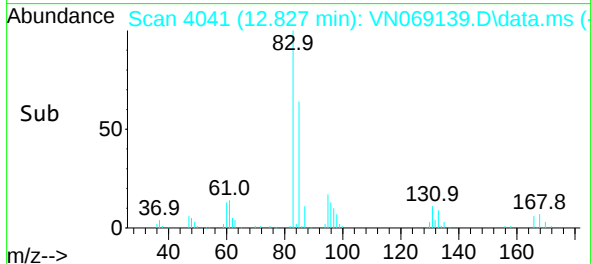
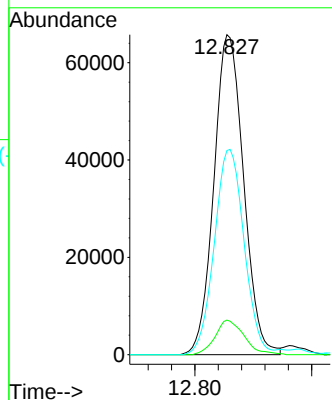
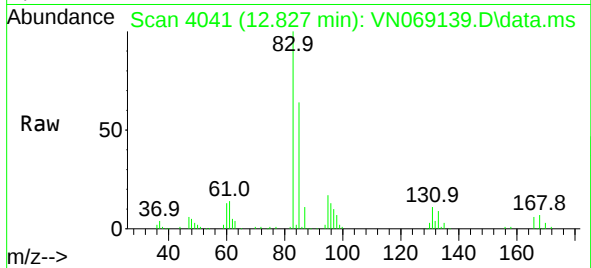




#71
1,1,2,2-Tetrachloroethane
Concen: 21.658 ug/l
RT: 12.827 min Scan# 4042
Delta R.T. -0.003 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

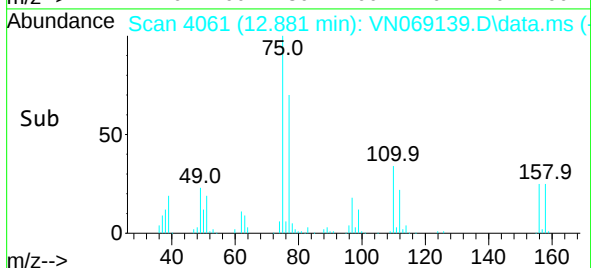
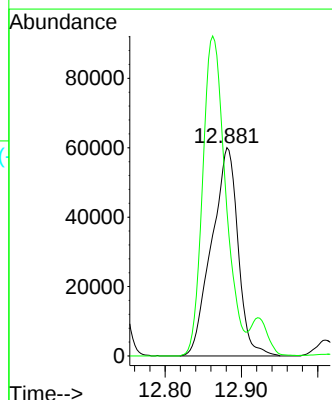
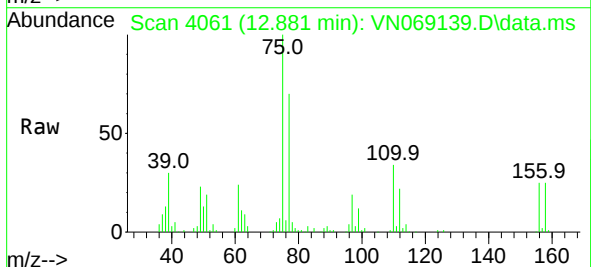
Instrument :
MSVOA_N
ClientSampleId :

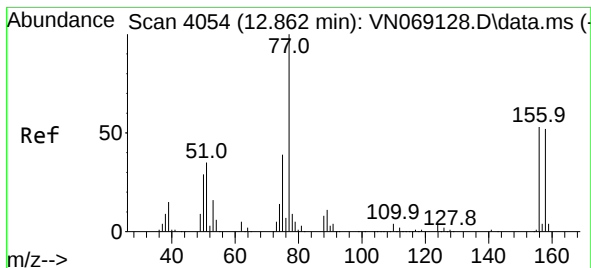
Tgt Ion: 83 Resp: 116227
Ion Ratio Lower Upper
83 100
131 10.6 5.1 15.3
85 64.2 33.1 99.2



#72
1,2,3-Trichloropropane
Concen: 31.278 ug/l
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

Tgt Ion: 75 Resp: 144232
Ion Ratio Lower Upper
75 100
77 133.3 0.0 378.0





#73

Bromobenzene

Concen: 20.945 ug/l

RT: 12.865 min Scan# 4055

Delta R.T. 0.003 min

Lab File: VN069139.D

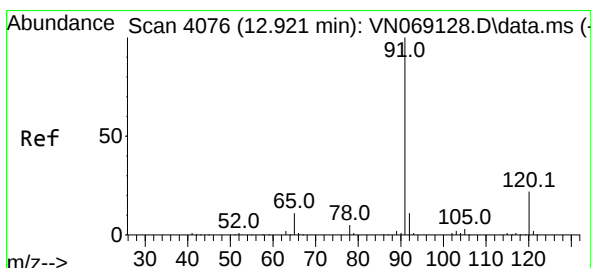
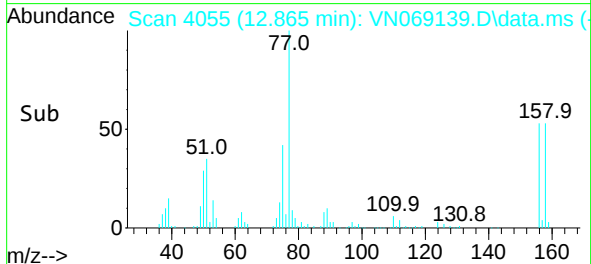
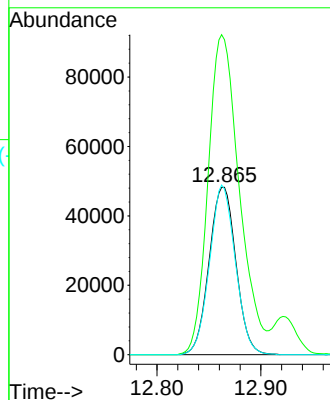
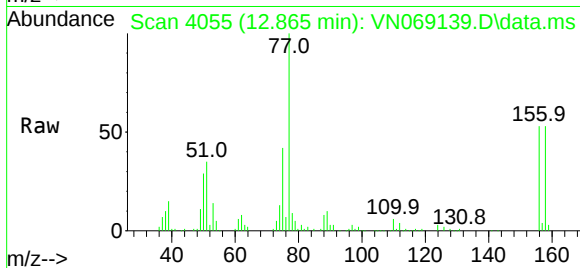
Acq: 22 Oct 2021 17:18

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	156	Resp:	86925
Ion Ratio	Lower	Upper	
156	100		
77	221.2	0.0	416.0
158	97.3	0.0	195.4



#74

n-propylbenzene

Concen: 21.338 ug/l

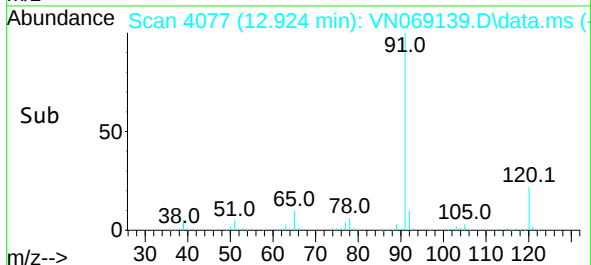
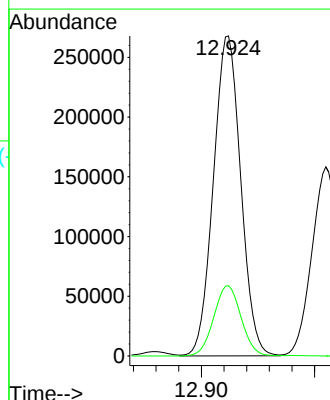
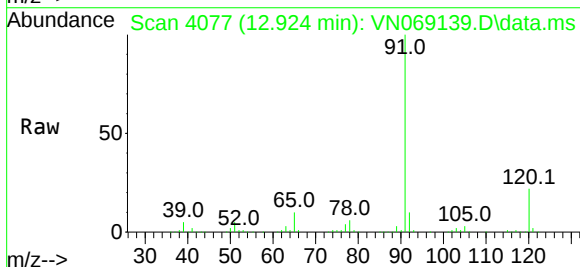
RT: 12.924 min Scan# 4077

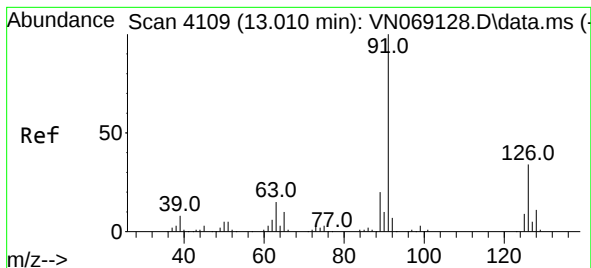
Delta R.T. 0.003 min

Lab File: VN069139.D

Acq: 22 Oct 2021 17:18

Tgt Ion:	91	Resp:	448668
Ion Ratio	Lower	Upper	
91	100		
120	21.9	0.0	45.0





#75

2-Chlorotoluene

Concen: 21.075 ug/l

RT: 13.010 min Scan# 4109

Delta R.T. 0.000 min

Lab File: VN069139.D

Acq: 22 Oct 2021 17:18

Instrument :

MSVOA_N

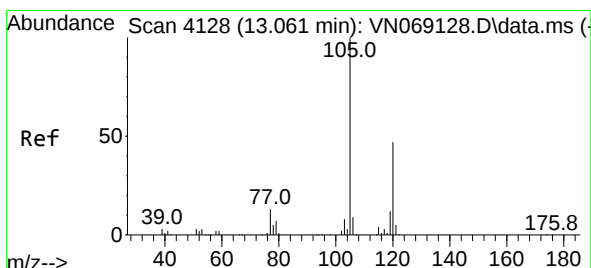
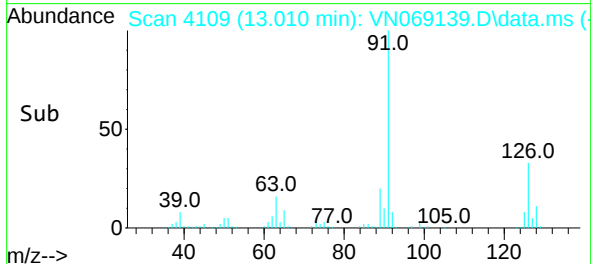
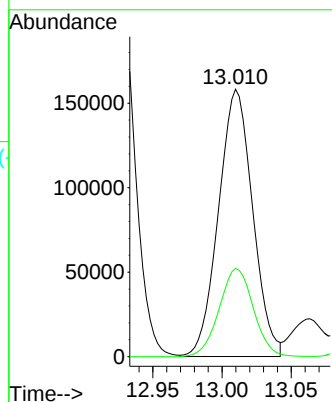
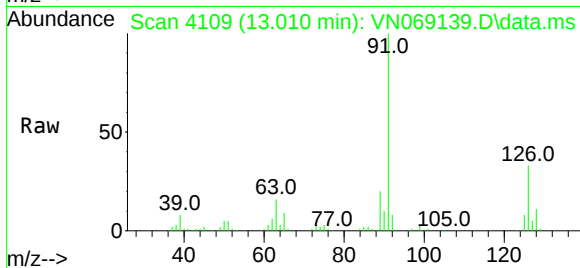
ClientSampleId :

Tgt Ion: 91 Resp: 271344

Ion Ratio Lower Upper

91 100

126 33.1 0.0 69.8



#76

1,3,5-Trimethylbenzene

Concen: 21.418 ug/l

RT: 13.061 min Scan# 4128

Delta R.T. 0.000 min

Lab File: VN069139.D

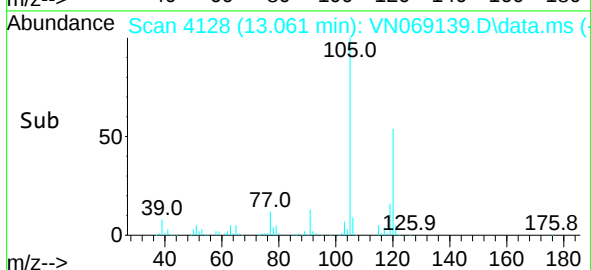
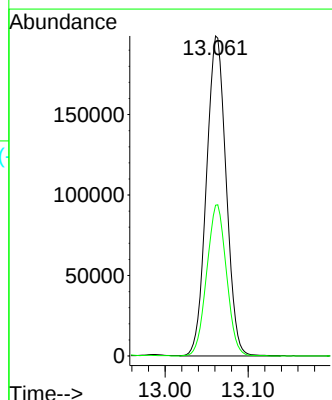
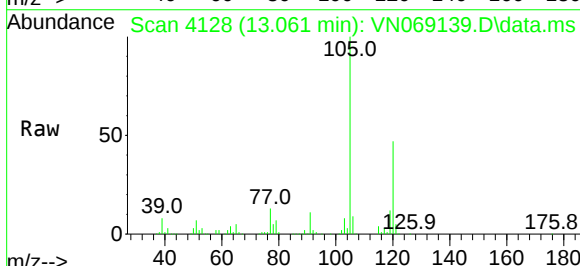
Acq: 22 Oct 2021 17:18

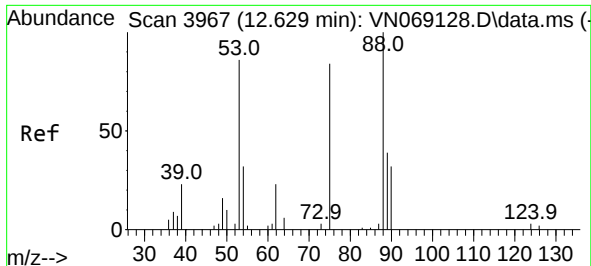
Tgt Ion: 105 Resp: 326851

Ion Ratio Lower Upper

105 100

120 47.3 0.0 93.8

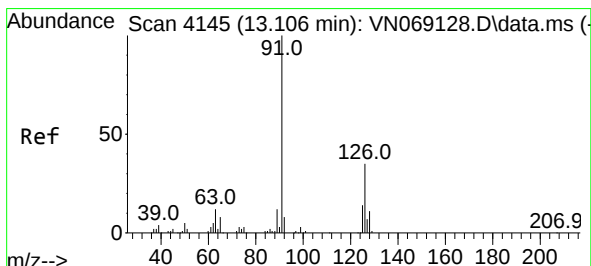
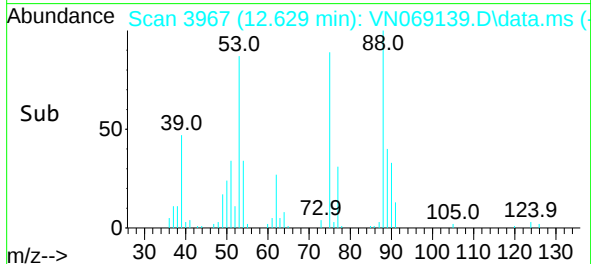
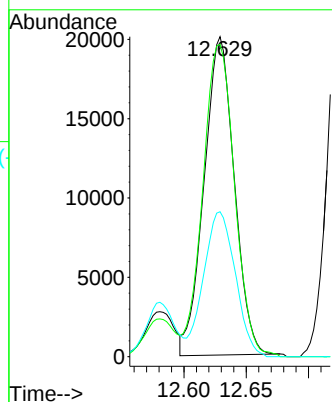
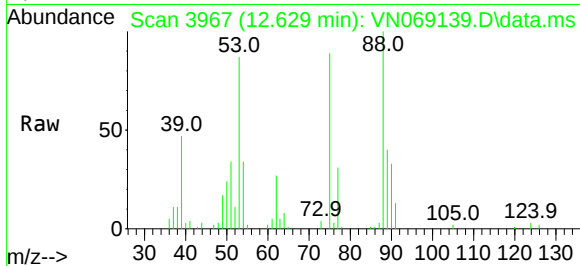




#77
t-1,4-Dichloro-2-butene
Concen: 18.749 ug/l
RT: 12.629 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

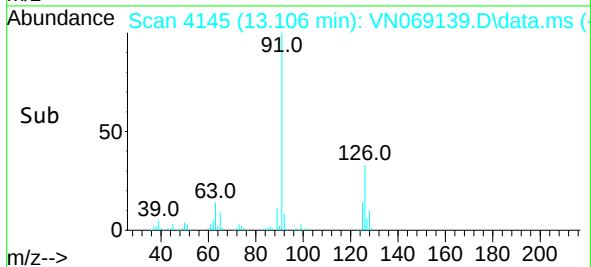
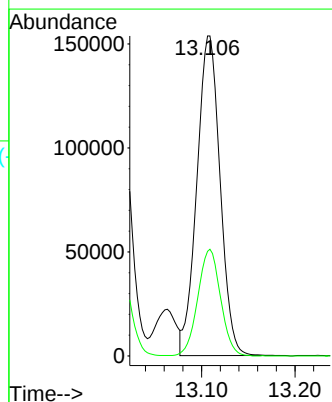
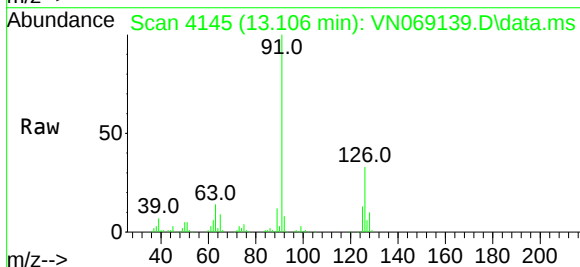
Instrument :
MSVOA_N
ClientSampleId :

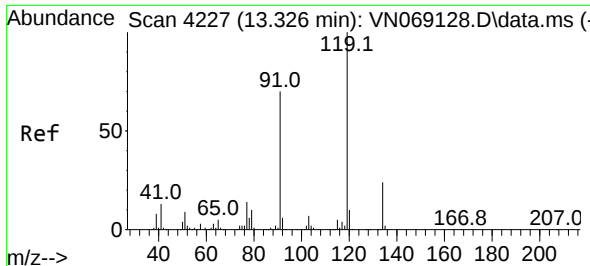
Tgt Ion: 75 Resp: 33811
Ion Ratio Lower Upper
75 100
53 98.4 51.8 155.5
89 45.7 22.9 68.7



#78
4-Chlorotoluene
Concen: 21.018 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

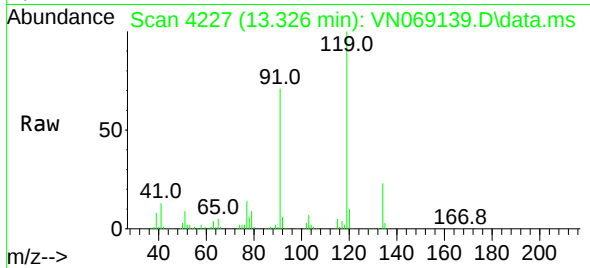
Tgt Ion: 91 Resp: 265207
Ion Ratio Lower Upper
91 100
126 32.8 0.0 70.6



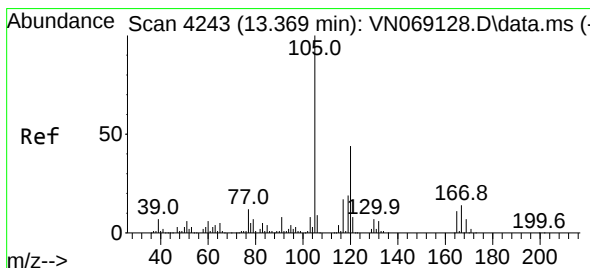
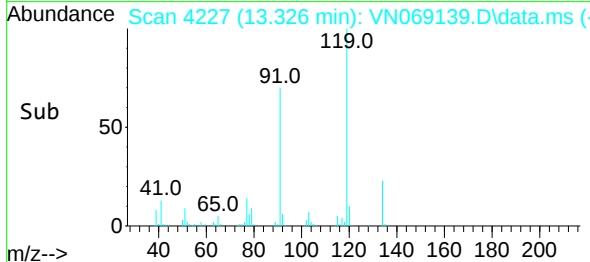
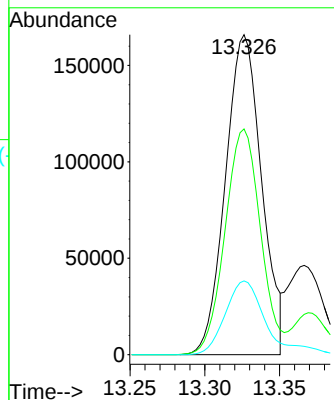


#79
tert-butylbenzene
Concen: 20.855 ug/l
RT: 13.326 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

Instrument :
MSVOA_N
ClientSampleId :

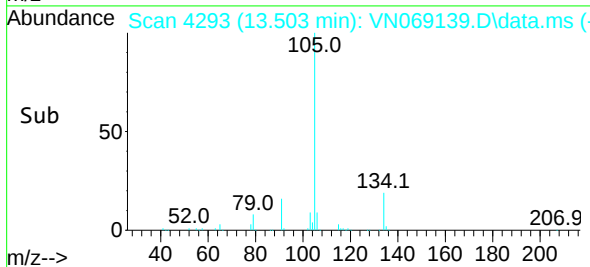
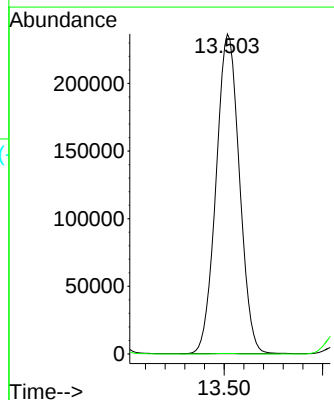
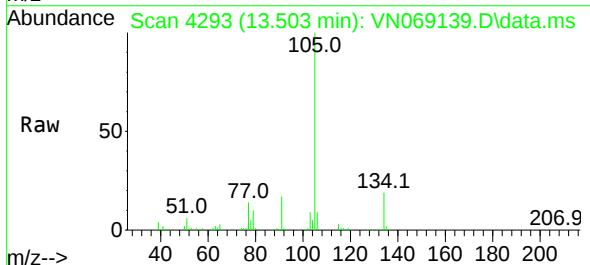


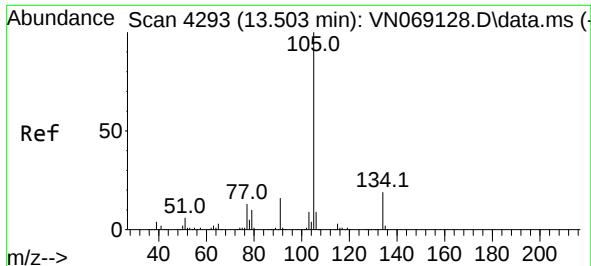
Tgt Ion:119 Resp: 279442
Ion Ratio Lower Upper
119 100
91 69.4 0.0 137.0
134 25.9 0.0 47.6



#80
1,2,4-Trimethylbenzene
Concen: 26.081 ug/l
RT: 13.503 min Scan# 4293
Delta R.T. 0.134 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

Tgt Ion:105 Resp: 390701
Ion Ratio Lower Upper
105 100
120 0.1 0.0 0.2

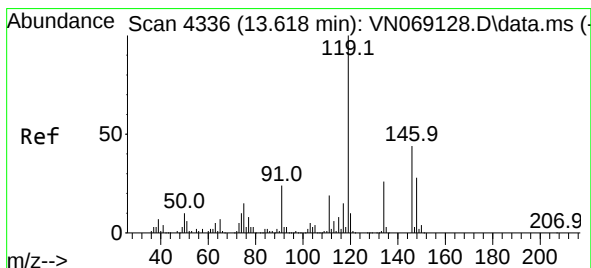
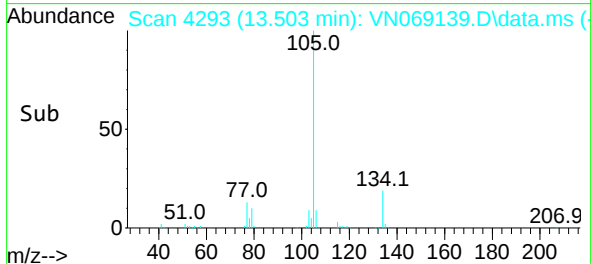
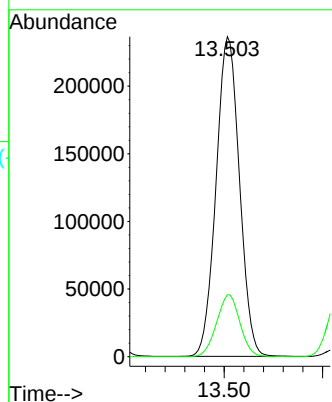
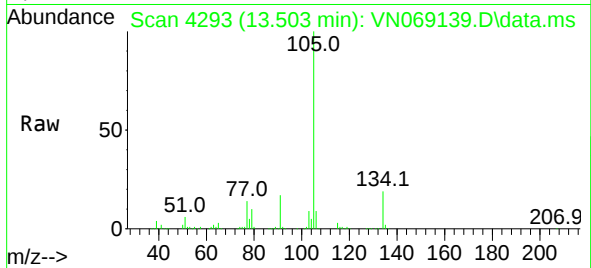




#81
 sec-Butylbenzene
 Concen: 20.829 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN069139.D
 Acq: 22 Oct 2021 17:18

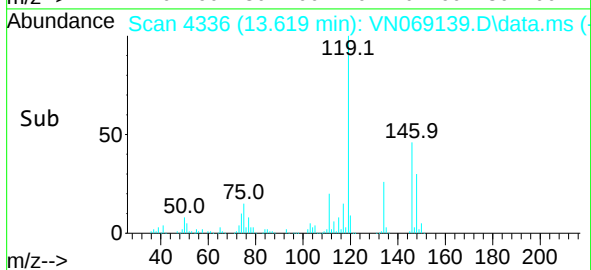
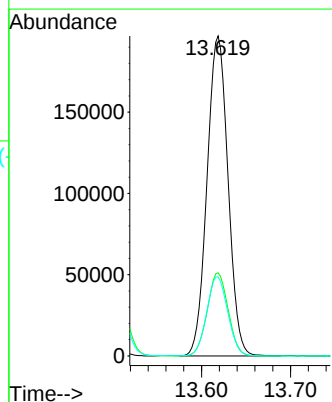
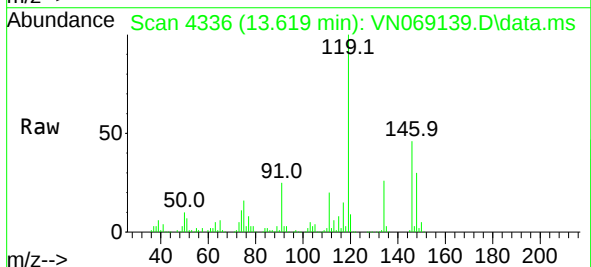
Instrument :
 MSVOA_N
 ClientSampleId :

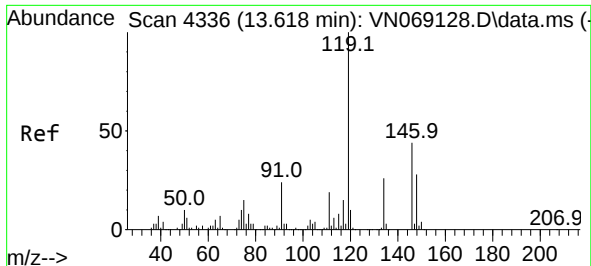
Tgt Ion:105 Resp: 390701
 Ion Ratio Lower Upper
 105 100
 134 19.3 0.0 39.4



#82
 p-Isopropyltoluene
 Concen: 21.047 ug/l
 RT: 13.619 min Scan# 4336
 Delta R.T. 0.000 min
 Lab File: VN069139.D
 Acq: 22 Oct 2021 17:18

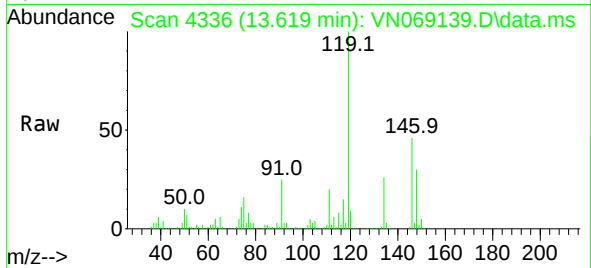
Tgt Ion:119 Resp: 322011
 Ion Ratio Lower Upper
 119 100
 134 25.9 0.0 51.8
 91 24.8 0.0 50.4



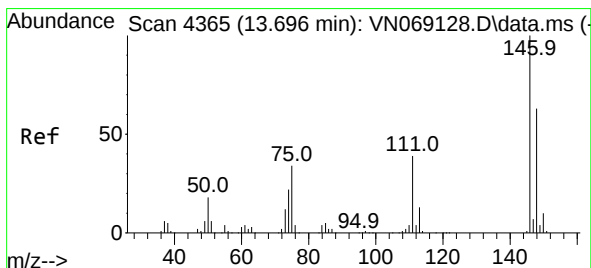
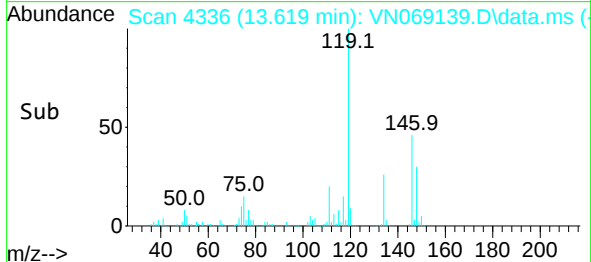
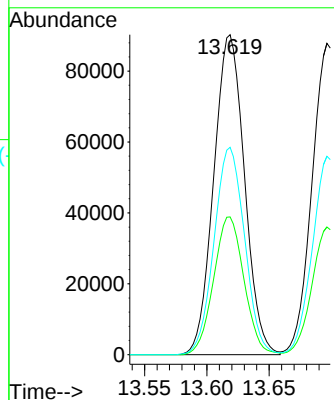


#83
 1,3-Dichlorobenzene
 Concen: 21.228 ug/l
 RT: 13.619 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VN069139.D
 Acq: 22 Oct 2021 17:18

Instrument :
 MSVOA_N
 ClientSampleId :

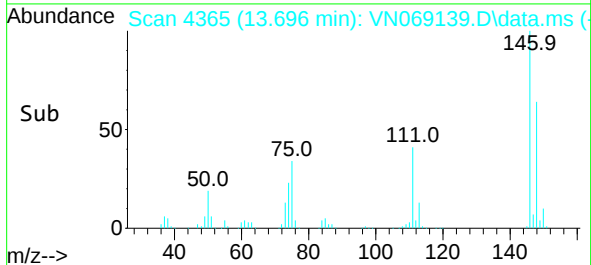
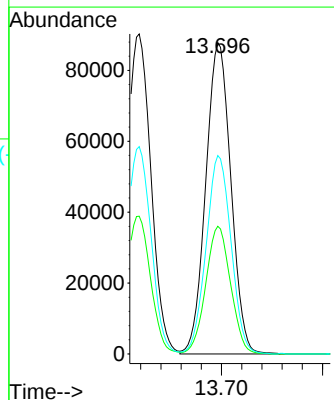
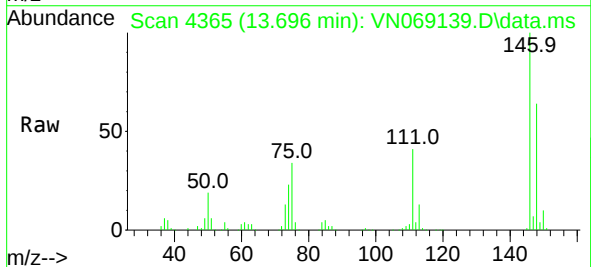


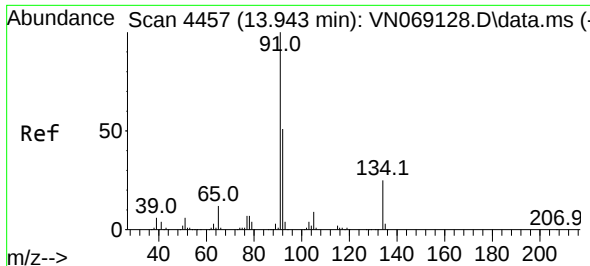
Tgt Ion:146 Resp: 155101
 Ion Ratio Lower Upper
 146 100
 111 42.5 20.8 62.2
 148 64.4 31.4 94.3



#84
 1,4-Dichlorobenzene
 Concen: 21.345 ug/l
 RT: 13.696 min Scan# 4365
 Delta R.T. 0.000 min
 Lab File: VN069139.D
 Acq: 22 Oct 2021 17:18

Tgt Ion:146 Resp: 151863
 Ion Ratio Lower Upper
 146 100
 111 40.1 19.5 58.5
 148 63.6 31.1 93.5

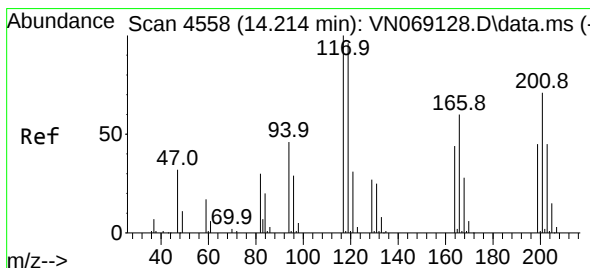
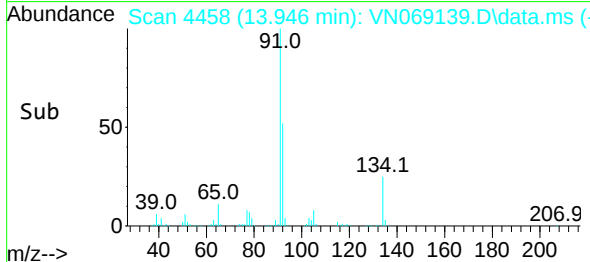
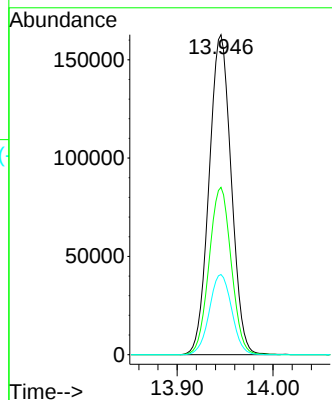
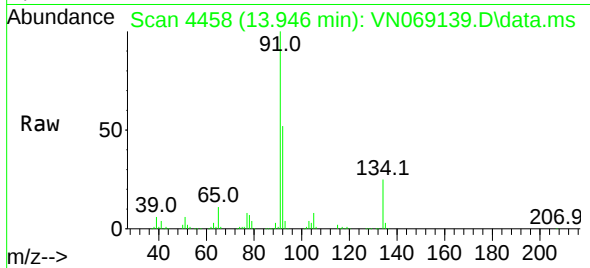




#85
n-Butylbenzene
Concen: 20.414 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. 0.003 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

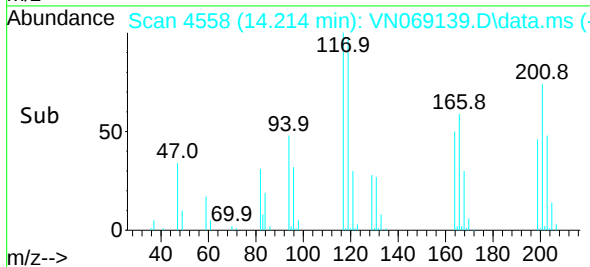
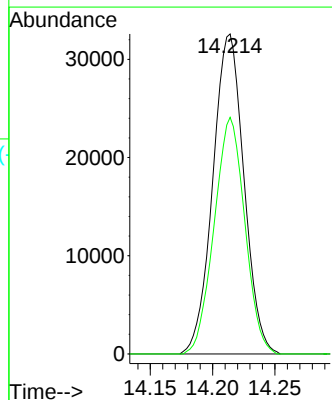
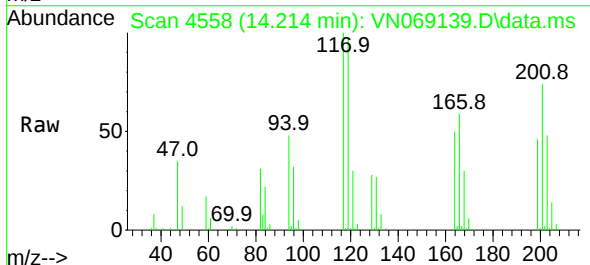
Instrument :
MSVOA_N
ClientSampleId :

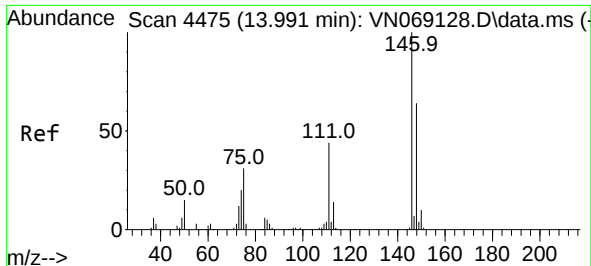
Tgt Ion: 91 Resp: 261217
Ion Ratio Lower Upper
91 100
92 52.3 0.0 100.6
134 25.3 0.0 50.2



#86
Hexachloroethane
Concen: 19.761 ug/l
RT: 14.214 min Scan# 4558
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

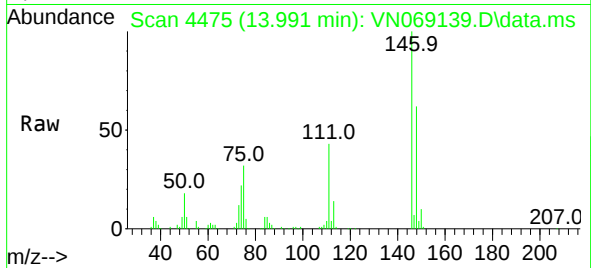
Tgt Ion: 117 Resp: 56609
Ion Ratio Lower Upper
117 100
201 72.8 33.3 99.8



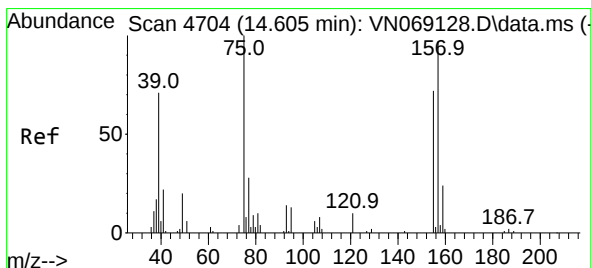
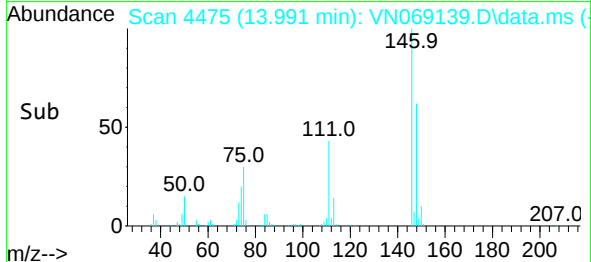
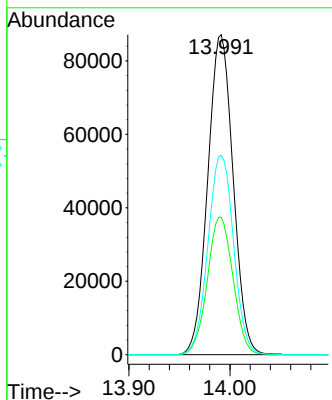


#87
1,2-Dichlorobenzene
Concen: 21.793 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

Instrument :
MSVOA_N
ClientSampleId :

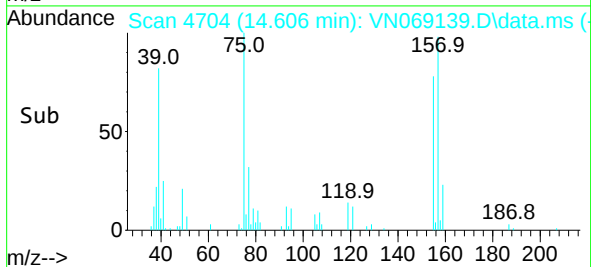
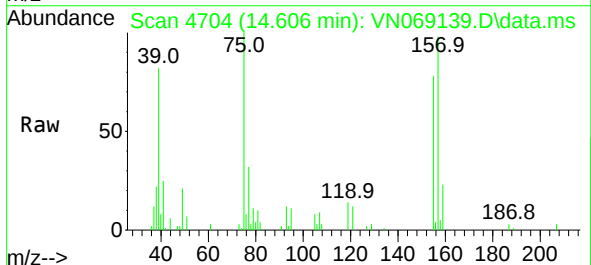
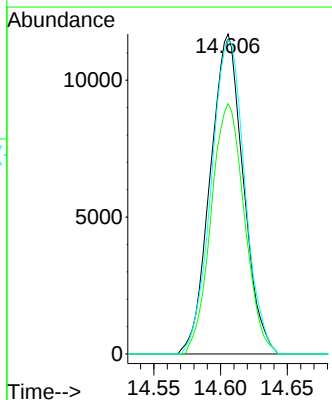


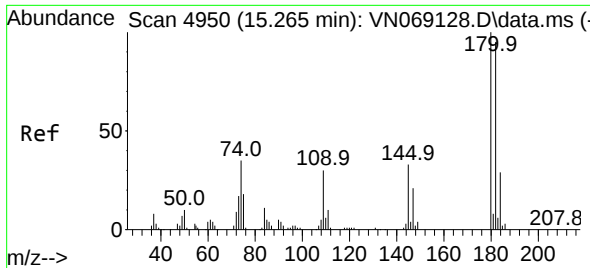
Tgt Ion:146 Resp: 152138
Ion Ratio Lower Upper
146 100
111 43.5 21.4 64.2
148 63.1 32.5 97.4



#88
1,2-Dibromo-3-Chloropropane
Concen: 20.136 ug/l
RT: 14.606 min Scan# 4704
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

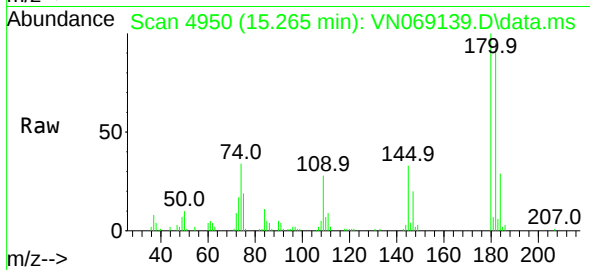
Tgt Ion: 75 Resp: 20128
Ion Ratio Lower Upper
75 100
155 78.6 63.8 95.8
157 99.7 77.9 116.9



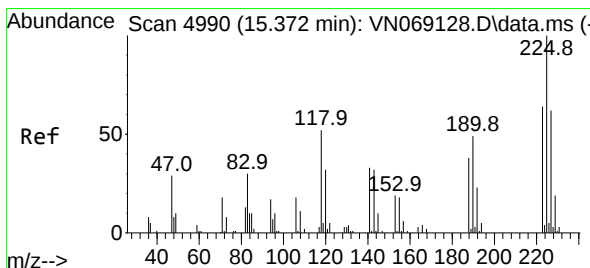
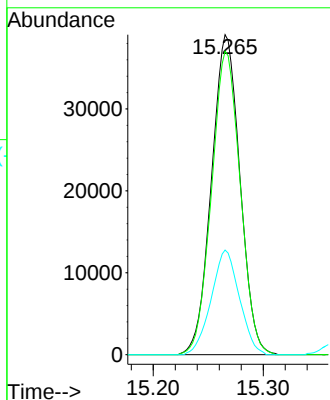
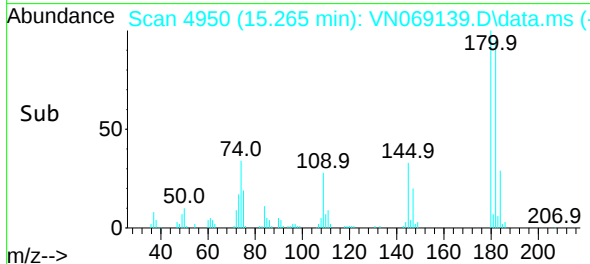


#89
1,2,4-Trichlorobenzene
Concen: 19.944 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

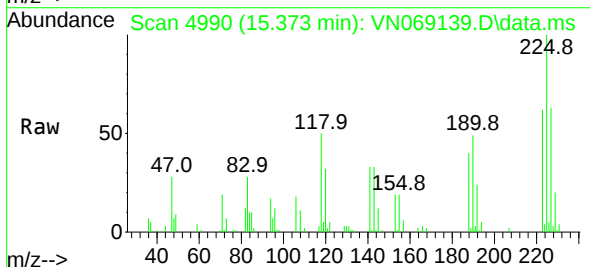
Instrument :
MSVOA_N
ClientSampleId :



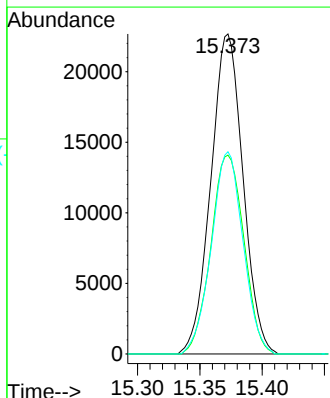
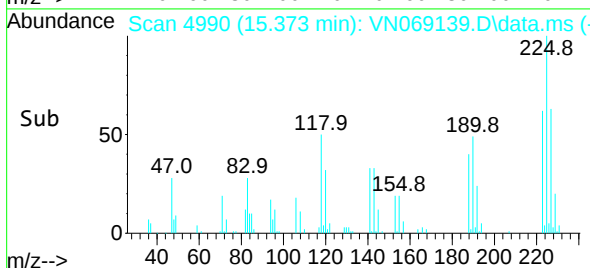
Tgt Ion:180 Resp: 70202
Ion Ratio Lower Upper
180 100
182 95.4 77.7 116.5
145 32.4 26.6 39.8

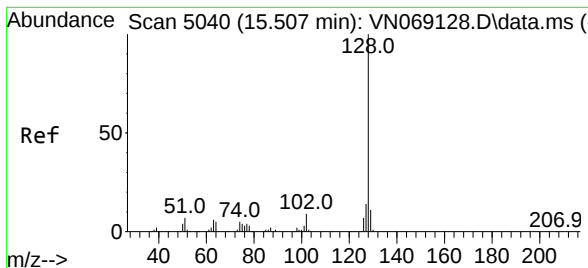


#90
Hexachlorobutadiene
Concen: 22.131 ug/l
RT: 15.373 min Scan# 4990
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18



Tgt Ion:225 Resp: 40728
Ion Ratio Lower Upper
225 100
223 63.8 0.0 126.8
227 62.4 0.0 123.0





#91

Naphthalene

Concen: 19.286 ug/l

RT: 15.507 min Scan# 5040

Delta R.T. 0.000 min

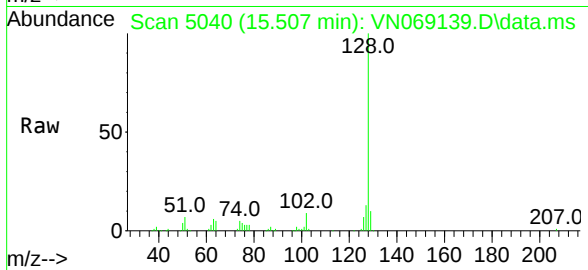
Lab File: VN069139.D

Acq: 22 Oct 2021 17:18

Instrument :

MSVOA_N

ClientSampleId :



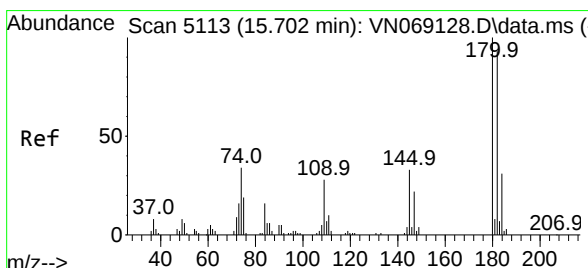
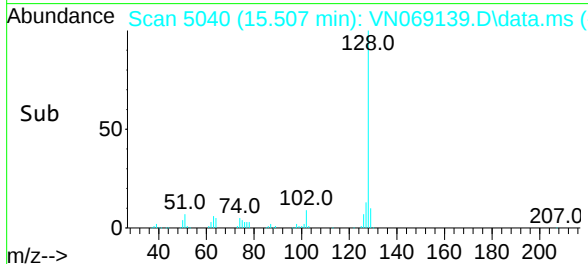
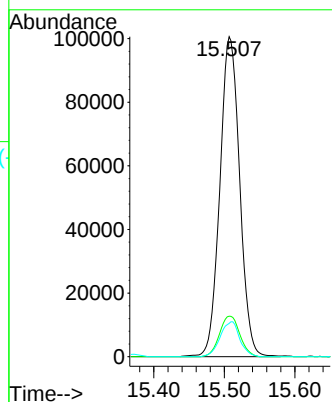
Tgt Ion:128 Resp: 196365

Ion Ratio Lower Upper

128 100

127 13.0 10.7 16.1

129 10.8 9.0 13.6



#92

1,2,3-Trichlorobenzene

Concen: 20.515 ug/l

RT: 15.702 min Scan# 5113

Delta R.T. 0.000 min

Lab File: VN069139.D

Acq: 22 Oct 2021 17:18

Tgt Ion:180 Resp: 69011

Ion Ratio Lower Upper

180 100

182 95.3 0.0 190.0

145 34.1 0.0 67.8

