

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112321\
 Data File : VN069621.D
 Acq On : 23 Nov 2021 11:40
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 24 02:25:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111021W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Nov 10 14:36:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.657	128	163860	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	909904	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.744	117	836143	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.437	65	445297	31.334	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 104.433%	
60) 4-Bromofluorobenzene	12.731	95	399053	29.823	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 99.400%	
63) Toluene-d8	10.440	98	1184093	30.670	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 102.233%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.075	85	269066	22.222	ug/l	99
3) Chloromethane	2.306	50	277281	21.964	ug/l	97
4) Vinyl Chloride	2.451	62	264513	20.663	ug/l	99
5) Bromomethane	2.869	94	157507	19.212	ug/l	98
6) Chloroethane	3.028	64	158721	19.652	ug/l	95
7) Trichlorofluoromethane	3.382	101	356513	19.001	ug/l	100
8) Diethyl Ether	3.827	74	130043	21.957	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.213	101	194179	22.365	ug/l #	69
10) 1,1-Dichloroethene	4.183	96	175074	21.380	ug/l	86
11) Methyl Iodide	4.422	142	251841	22.074	ug/l	98
13) Acrolein	4.047	56	79399	122.456	ug/l	97
14) Acrylonitrile	5.554	53	651600	101.276	ug/l	98
15) Acetone	4.291	58	221740	103.430	ug/l	77
16) Carbon Disulfide	4.532	76	417424	20.394	ug/l	99
17) Allyl chloride	4.841	41	372909	21.426	ug/l	91
18) Methylene Chloride	5.095	84	225507	21.617	ug/l #	84
19) trans-1,2-Dichloroethene	5.602	96	191500	21.311	ug/l	89
20) Diisopropyl ether	6.495	45	815531	21.868	ug/l #	95
21) 1,1-Dichloroethane	6.388	63	408784	21.606	ug/l	99
22) cis-1,2-Dichloroethene	7.324	96	235467	21.128	ug/l	92
23) tert-Butyl Alcohol	5.369	59	203117	90.711	ug/l #	100
24) Methyl tert-Butyl Ether	5.618	73	700308	21.340	ug/l	95
25) Chloroform	7.818	83	420108	21.476	ug/l	100
26) Cyclohexane	8.094	56	380878	21.204	ug/l #	87
29) 1,1-Dichloropropene	8.222	75	297516	21.420	ug/l	97
30) 2-Butanone	7.335	43	1017472	101.204	ug/l	92
31) 2,2-Dichloropropane	7.324	77	308448	21.006	ug/l	96
32) 1,1,1-Trichloroethane	8.013	97	340793	21.017	ug/l	94
33) Carbon Tetrachloride	8.204	117	285885	21.347	ug/l	99
34) Benzene	8.459	78	922107	21.831	ug/l #	95
35) Methacrylonitrile	7.638	41	198363	21.512	ug/l	90
36) 1,2-Dichloroethane	8.528	62	368812	22.648	ug/l	99
37) Trichloroethene	9.215	130	220467	21.605	ug/l	91
38) Methylcyclohexane	9.459	83	362986	21.123	ug/l	89
39) 1,2-Dichloropropane	9.491	63	250051	22.352	ug/l	100
40) Dibromomethane	9.577	93	161674	21.579	ug/l	96
41) Bromodichloromethane	9.759	83	304923	21.683	ug/l	94
42) Vinyl Acetate	6.434	43	3055223	107.533	ug/l #	94
43) Ethyl Acetate	7.413	43	383327	20.574	ug/l	99

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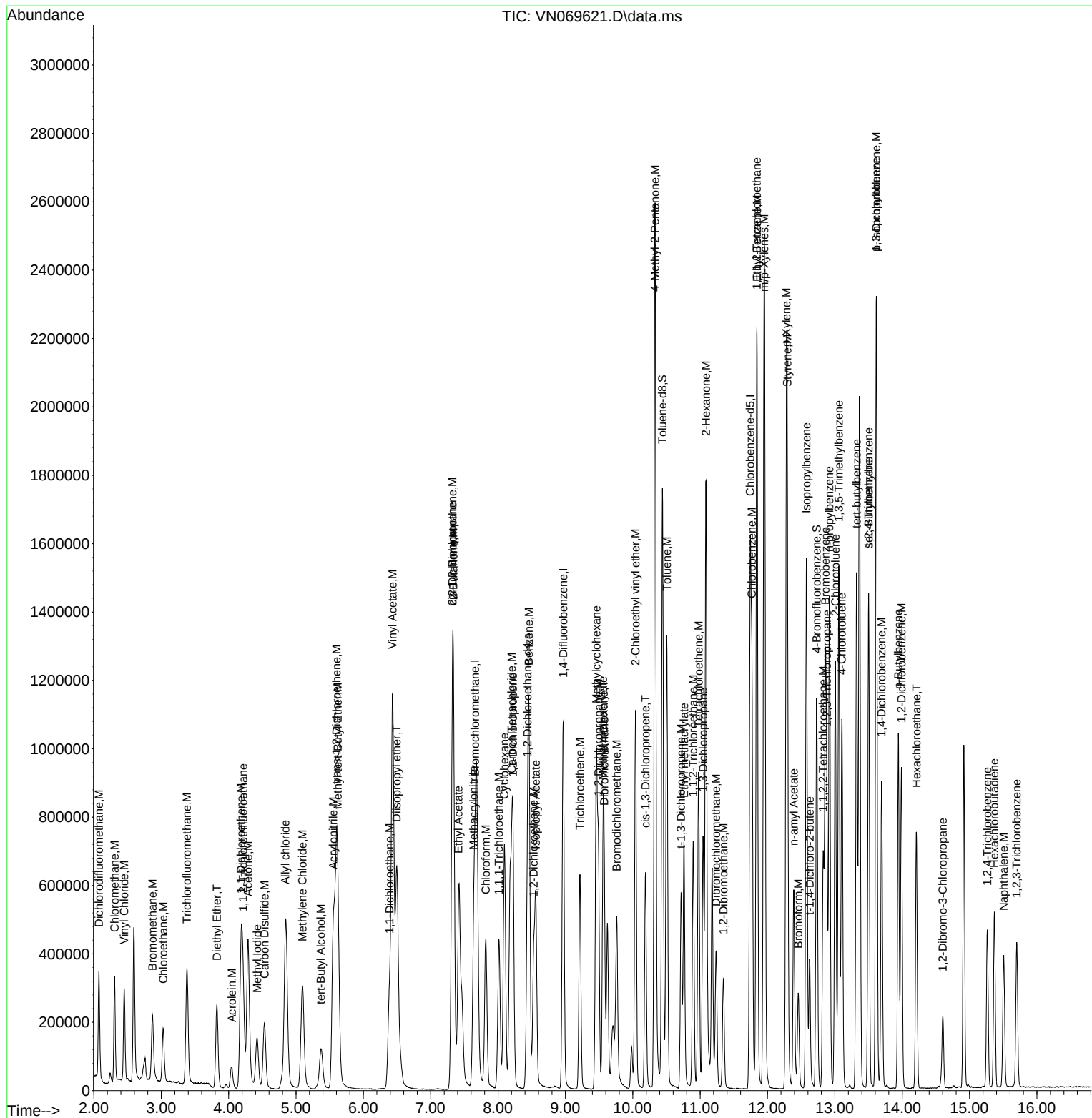
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Isopropyl Acetate	8.560	43	598137	20.592	ug/l	96
45) 1,4-Dioxane	9.569	88	90668	384.524	ug/l	88
46) Methyl methacrylate	9.558	41	272526	20.371	ug/l	84
47) n-amyl Acetate	12.390	43	364399	16.337	ug/l	98
48) t-1,3-Dichloropropene	10.717	75	300660	19.922	ug/l	98
49) cis-1,3-Dichloropropene	10.188	75	346724	21.113	ug/l	93
50) 1,1,2-Trichloroethane	10.896	97	226711	21.309	ug/l	96
51) Ethyl methacrylate	10.760	69	348379	19.531	ug/l	90
52) 1,3-Dichloropropane	11.044	76	399505	21.739	ug/l	99
53) Dibromochloromethane	11.237	129	209052	20.562	ug/l	100
54) 1,2-Dibromoethane	11.344	107	223515	20.286	ug/l	94
55) 2-Chloroethyl vinyl ether	10.041	63	477188	117.609	ug/l	97
56) Bromoform	12.457	173	138733	19.029	ug/l #	100
58) 4-Methyl-2-Pentanone	10.331	43	1919892	104.603	ug/l #	94
59) 2-Hexanone	11.087	43	1354493	97.018	ug/l	95
61) Tetrachloroethene	10.977	164	204990	22.842	ug/l	98
62) Toluene	10.505	91	992722	21.606	ug/l	98
64) Chlorobenzene	11.768	112	584519	21.204	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.840	131	209281	21.564	ug/l	99
66) Ethyl Benzene	11.843	91	1067444	20.989	ug/l	100
67) m/p-Xylenes	11.953	106	795475	42.112	ug/l	94
68) o-Xylene	12.280	106	391036	20.675	ug/l	95
69) Styrene	12.294	104	621882	20.281	ug/l	97
70) Isopropylbenzene	12.578	105	1027095	20.765	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.825	83	341974	20.952	ug/l	97
72) 1,2,3-Trichloropropane	12.881	75	401585	25.257	ug/l	60
73) Bromobenzene	12.860	156	234178	20.538	ug/l	93
74) n-propylbenzene	12.919	91	1143160	20.124	ug/l	99
75) 2-Chlorotoluene	13.007	91	721747	20.871	ug/l	96
76) 1,3,5-Trimethylbenzene	13.058	105	845042	20.815	ug/l	99
77) t-1,4-Dichloro-2-butene	12.626	75	69119	16.104	ug/l	82
78) 4-Chlorotoluene	13.104	91	667684	20.162	ug/l	94
79) tert-butylbenzene	13.324	119	715759	20.042	ug/l	98
80) 1,2,4-Trimethylbenzene	13.501	105	990464	25.010	ug/l	100
81) sec-Butylbenzene	13.501	105	990464	19.822	ug/l	100
82) p-Isopropyltoluene	13.616	119	785573	19.704	ug/l	99
83) 1,3-Dichlorobenzene	13.616	146	397501	20.390	ug/l	99
84) 1,4-Dichlorobenzene	13.694	146	371518	19.644	ug/l	98
85) n-Butylbenzene	13.943	91	590743	17.753	ug/l	99
86) Hexachloroethane	14.211	117	122810	18.612	ug/l	87
87) 1,2-Dichlorobenzene	13.989	146	379483	20.170	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.603	75	53238	18.633	ug/l	96
89) 1,2,4-Trichlorobenzene	15.263	180	152270	16.879	ug/l	98
90) Hexachlorobutadiene	15.367	225	108390	22.219	ug/l	99
91) Naphthalene	15.507	128	355466	13.678	ug/l	99
92) 1,2,3-Trichlorobenzene	15.700	180	145932	16.455	ug/l	98

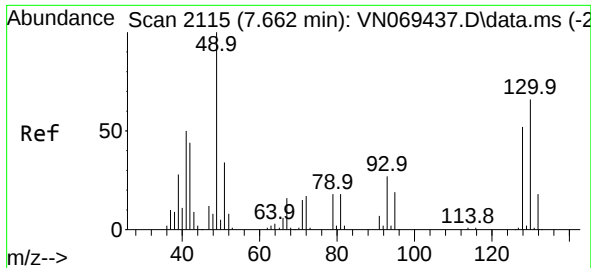
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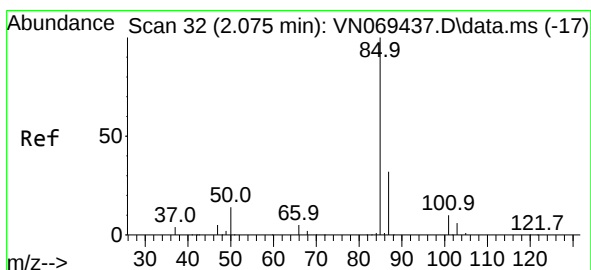
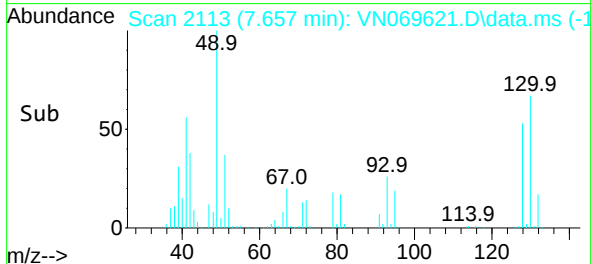
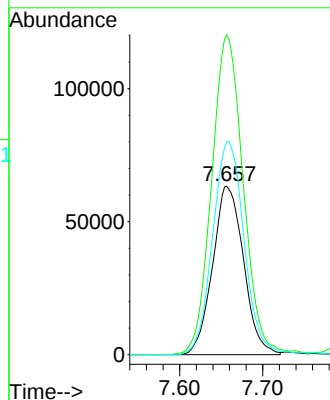
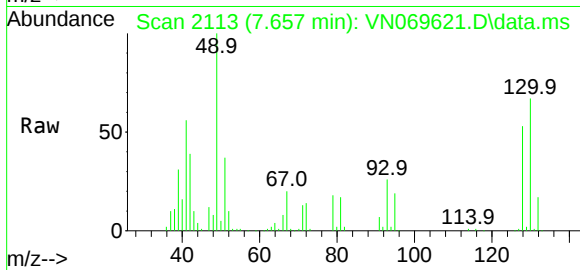




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.657 min Scan# 21
Delta R.T. -0.005 min
Lab File: VN069621.D
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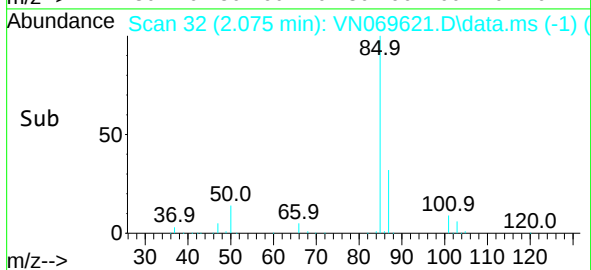
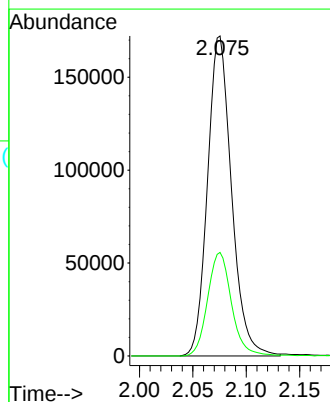
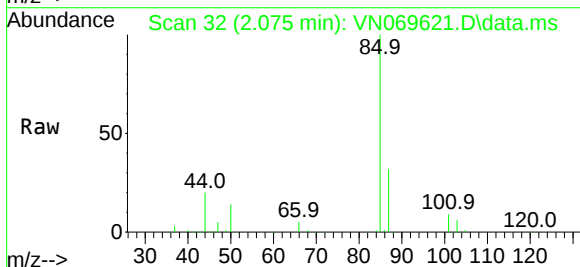
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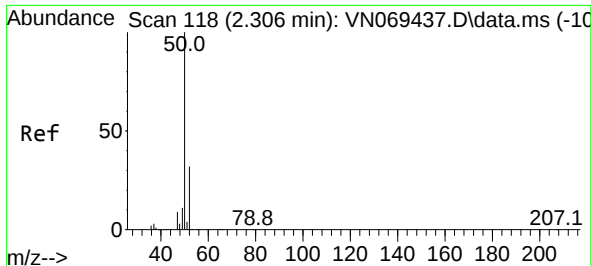
Tgt Ion:128 Resp: 163860
Ion Ratio Lower Upper
128 100
49 193.2 0.0 392.3
130 129.1 0.0 320.2



#2
Dichlorodifluoromethane
Concen: 22.222 ug/l
RT: 2.075 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

Tgt Ion: 85 Resp: 269066
Ion Ratio Lower Upper
85 100
87 32.3 16.6 49.7

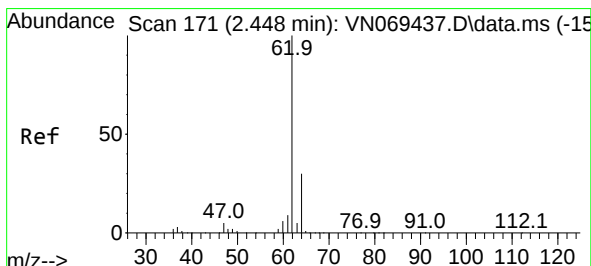
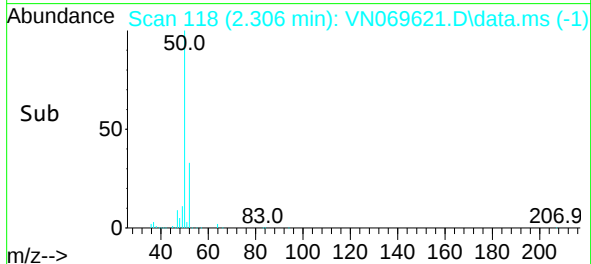
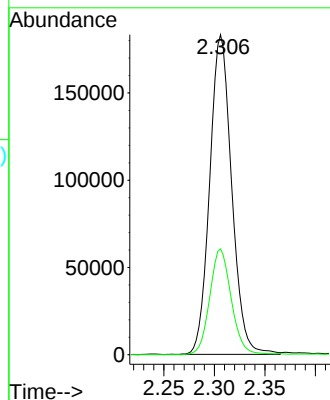
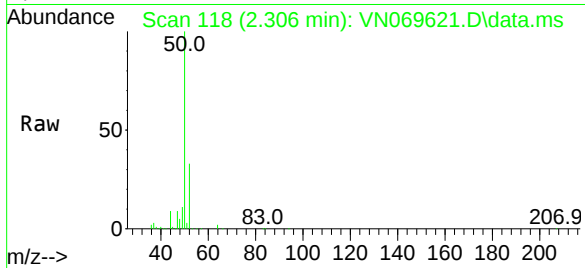




#3
Chloromethane
Concen: 21.964 ug/l
RT: 2.306 min Scan# 118
Delta R.T. 0.003 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

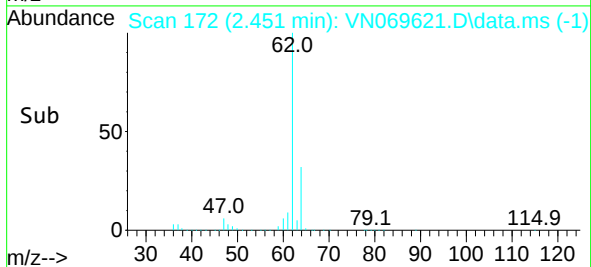
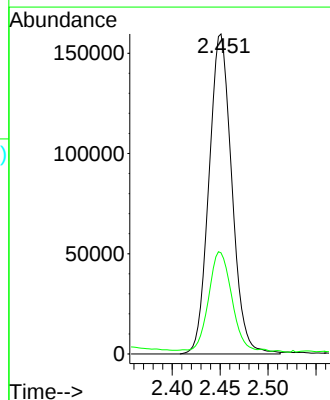
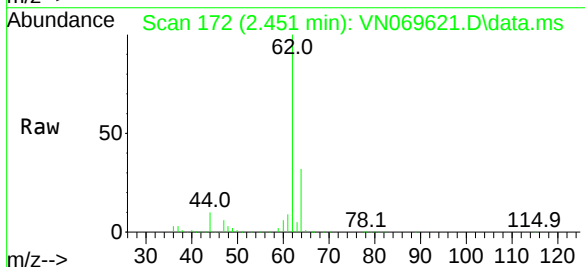
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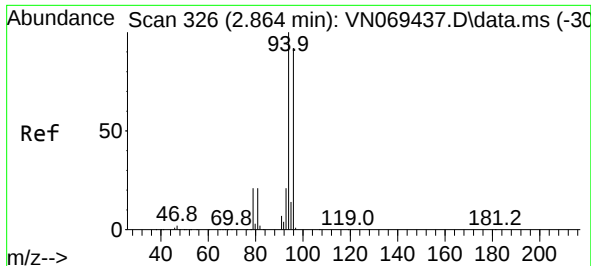
Tgt Ion: 50 Resp: 277281
Ion Ratio Lower Upper
50 100
52 33.1 27.8 41.6



#4
Vinyl Chloride
Concen: 20.663 ug/l
RT: 2.451 min Scan# 172
Delta R.T. 0.006 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

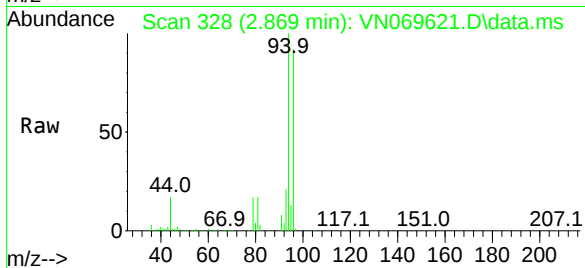
Tgt Ion: 62 Resp: 264513
Ion Ratio Lower Upper
62 100
64 30.7 25.1 37.7



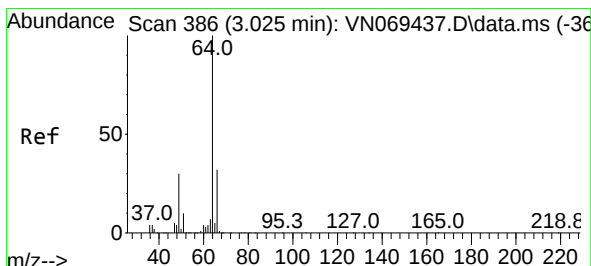
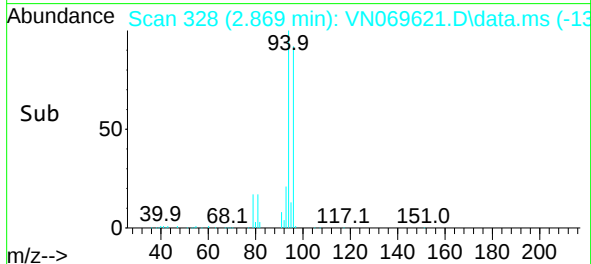
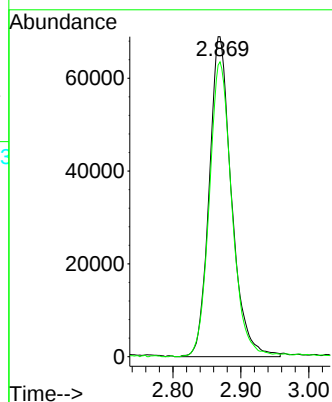


#5
Bromomethane
Concen: 19.212 ug/l
RT: 2.869 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

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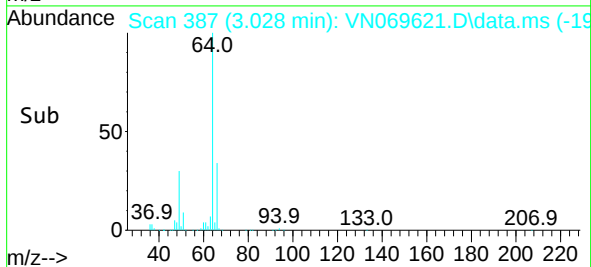
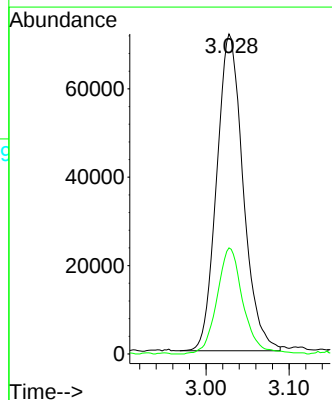
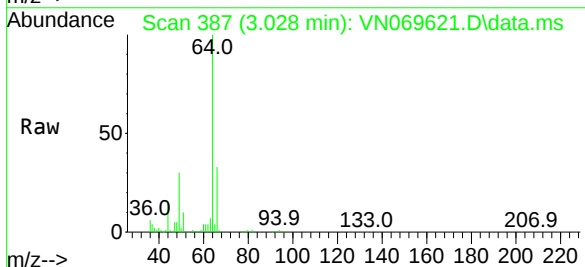


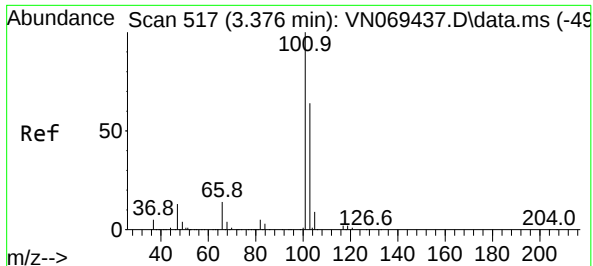
Tgt Ion: 94 Resp: 157507
Ion Ratio Lower Upper
94 100
96 92.1 75.2 112.8



#6
Chloroethane
Concen: 19.652 ug/l
RT: 3.028 min Scan# 387
Delta R.T. 0.003 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

Tgt Ion: 64 Resp: 158721
Ion Ratio Lower Upper
64 100
66 33.5 24.6 36.8

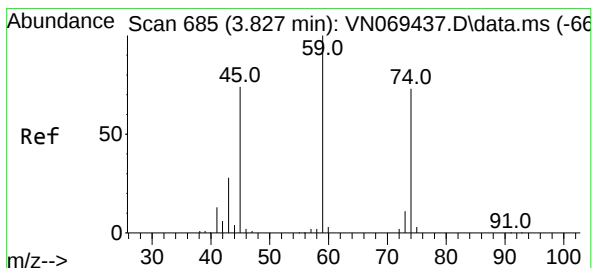
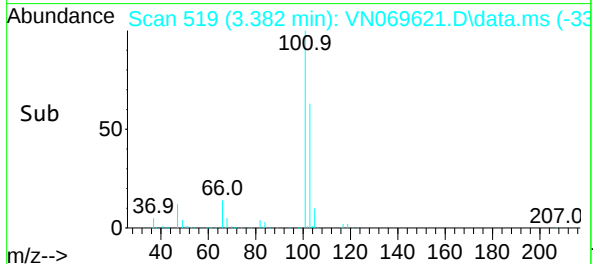
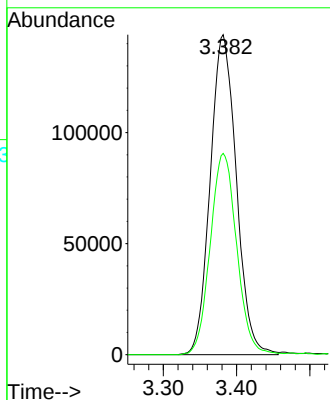
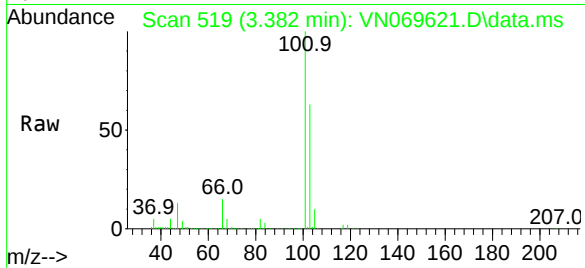




#7
 Trichlorofluoromethane
 Concen: 19.001 ug/l
 RT: 3.382 min Scan# 517
 Delta R.T. 0.003 min
 Lab File: VN069621.D
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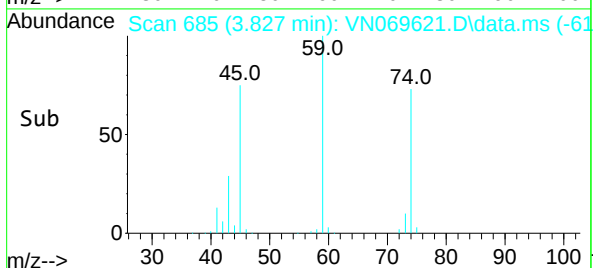
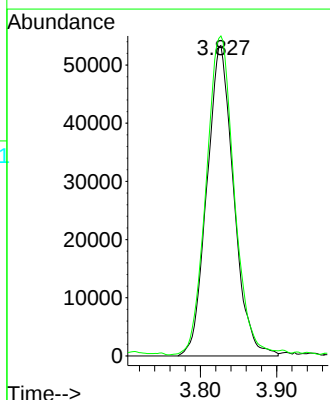
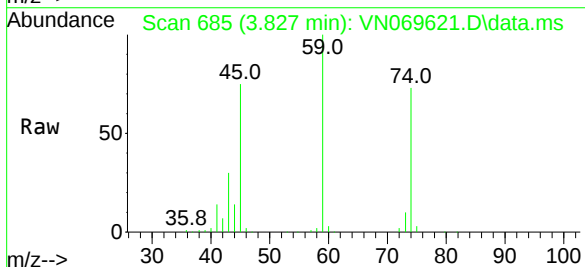
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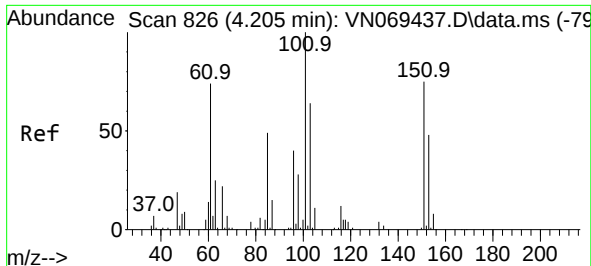
Tgt Ion:101 Resp: 356513
 Ion Ratio Lower Upper
 101 100
 103 62.9 50.1 75.1



#8
 Diethyl Ether
 Concen: 21.957 ug/l
 RT: 3.827 min Scan# 685
 Delta R.T. -0.002 min
 Lab File: VN069621.D
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Tgt Ion: 74 Resp: 130043
 Ion Ratio Lower Upper
 74 100
 45 107.2 17.6 158.8

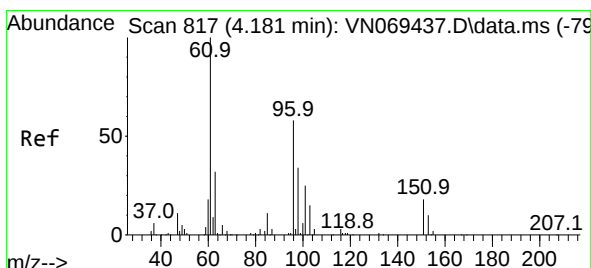
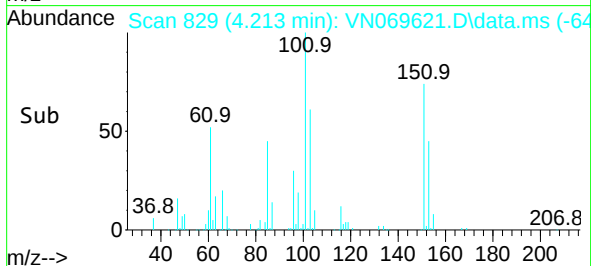
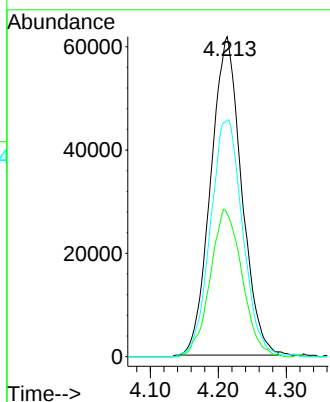
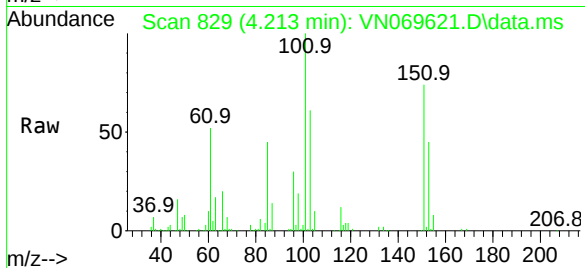




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.365 ug/l
RT: 4.213 min Scan# 81
Delta R.T. -0.008 min
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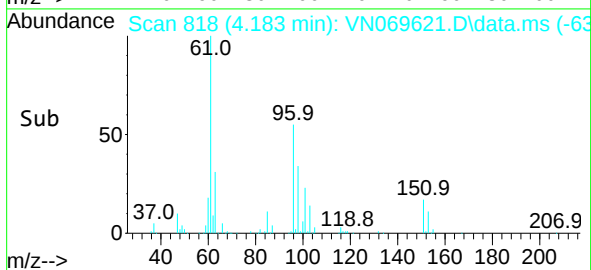
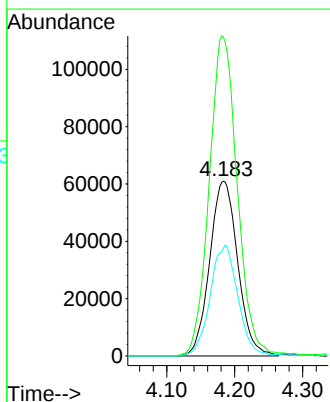
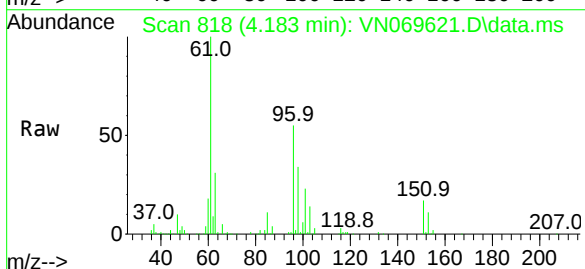
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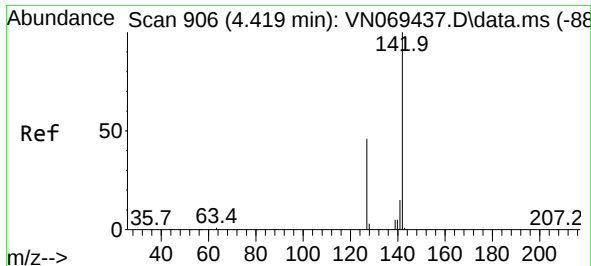
Tgt Ion:101 Resp: 194179
Ion Ratio Lower Upper
101 100
85 47.8 0.0 94.0
151 77.9 0.0 74.6#



#10
1,1-Dichloroethene
Concen: 21.380 ug/l
RT: 4.183 min Scan# 818
Delta R.T. -0.008 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

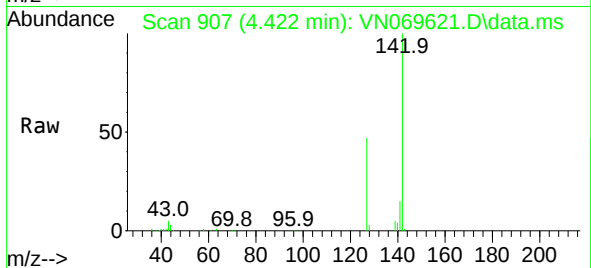
Tgt Ion: 96 Resp: 175074
Ion Ratio Lower Upper
96 100
61 182.0 126.2 189.4
98 61.8 50.9 76.3



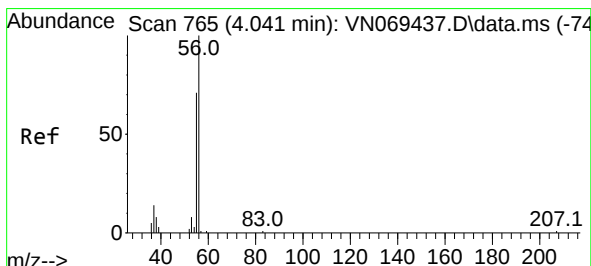
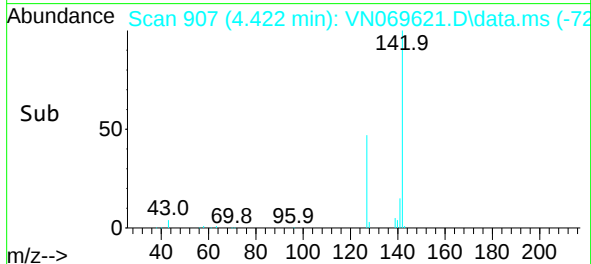
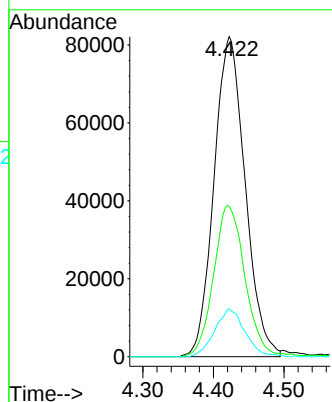


#11
Methyl Iodide
Concen: 22.074 ug/l
RT: 4.422 min Scan# 906
Delta R.T. -0.008 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

Instrument :
MSVOA_N
ClientSampleId :

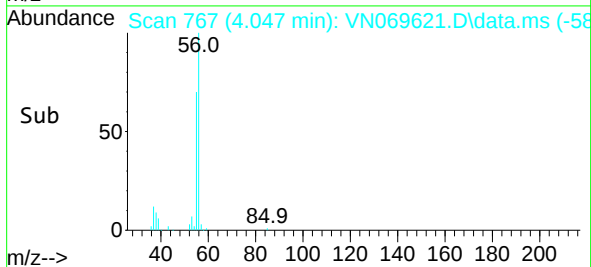
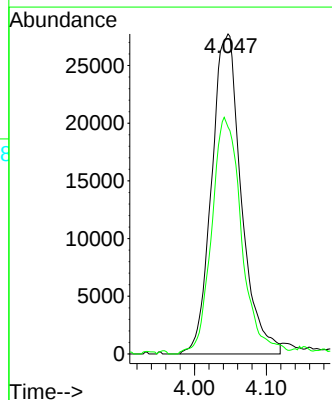
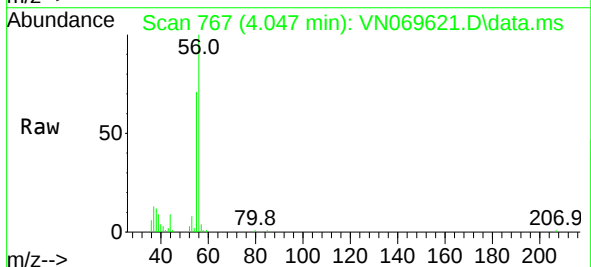


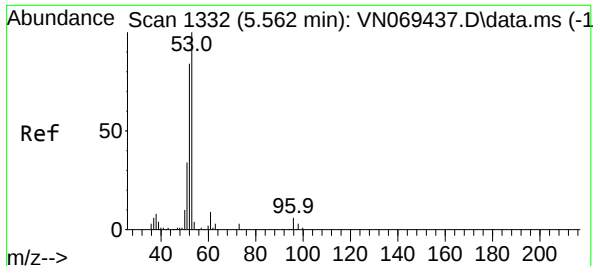
Tgt Ion:142 Resp: 251841
Ion Ratio Lower Upper
142 100
127 46.9 24.0 72.0
141 14.8 8.4 25.2



#13
Acrolein
Concen: 122.456 ug/l
RT: 4.047 min Scan# 767
Delta R.T. 0.000 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

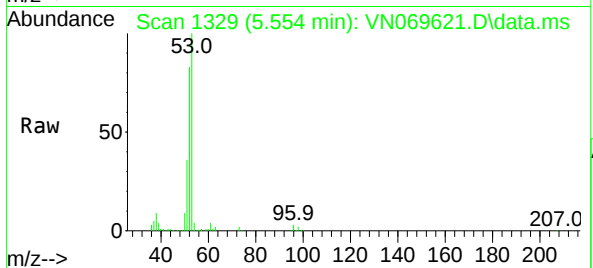
Tgt Ion: 56 Resp: 79399
Ion Ratio Lower Upper
56 100
55 74.6 57.6 86.4



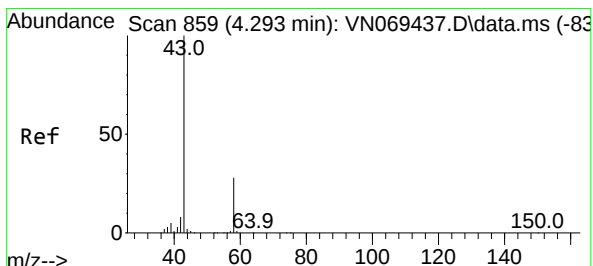
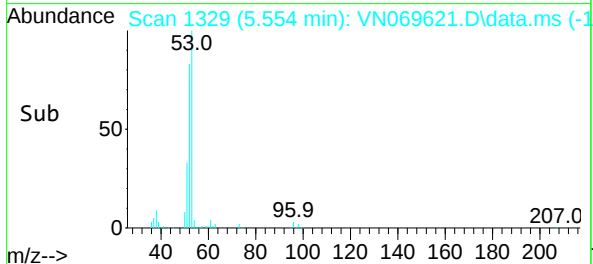
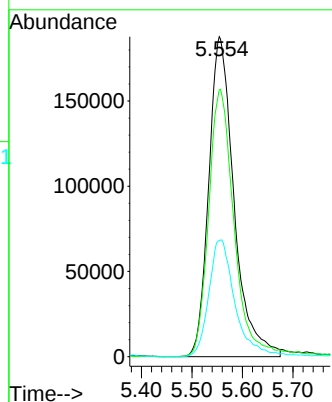


#14
Acrylonitrile
Concen: 101.276 ug/l
RT: 5.554 min Scan# 11
Delta R.T. -0.002 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

Instrument :
MSVOA_N
ClientSampleId :

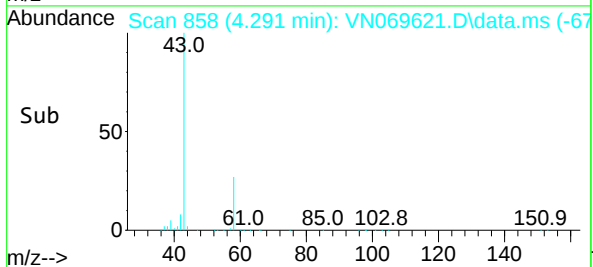
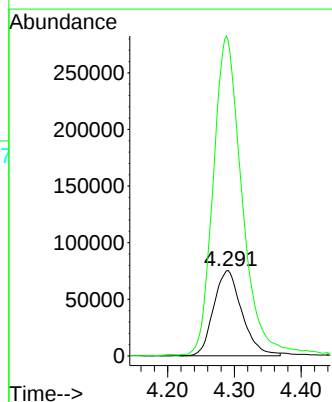
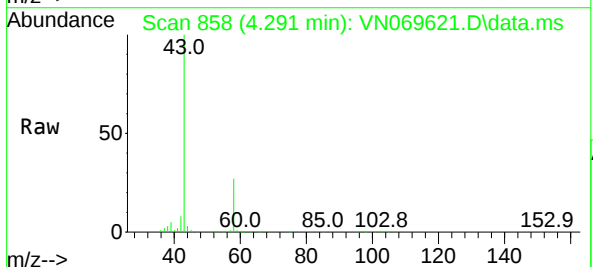


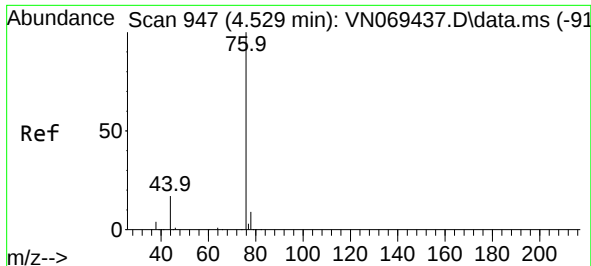
Tgt Ion: 53 Resp: 651600
Ion Ratio Lower Upper
53 100
52 82.6 41.8 125.4
51 36.5 19.0 57.0



#15
Acetone
Concen: 103.430 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.003 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

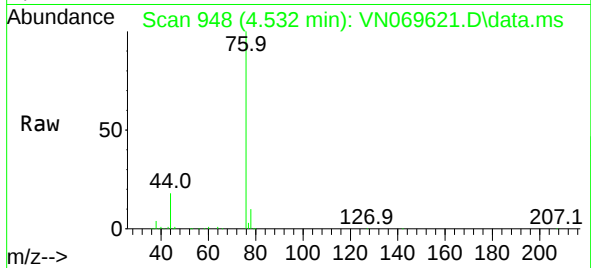
Tgt Ion: 58 Resp: 221740
Ion Ratio Lower Upper
58 100
43 368.0 256.6 384.8



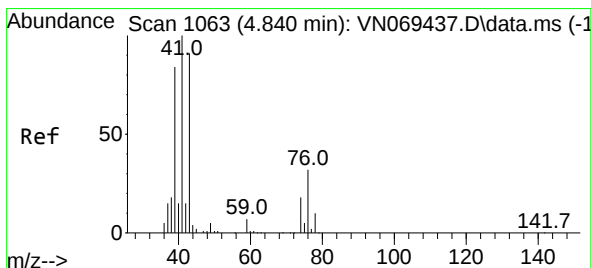
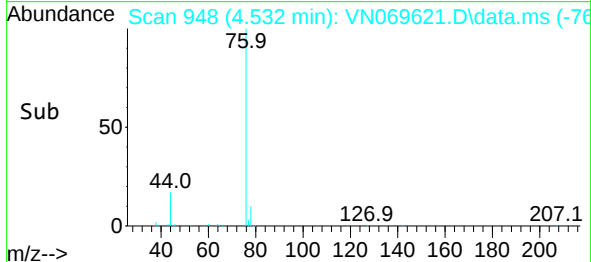
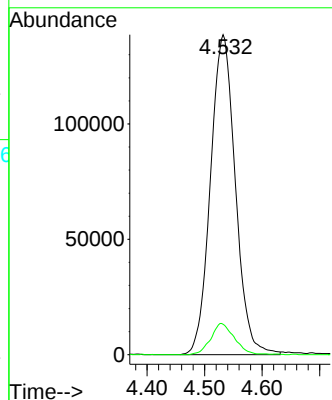


#16
Carbon Disulfide
Concen: 20.394 ug/l
RT: 4.532 min Scan# 947
Delta R.T. -0.005 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

Instrument :
MSVOA_N
ClientSampleId :

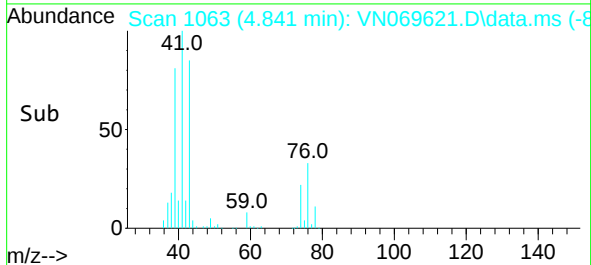
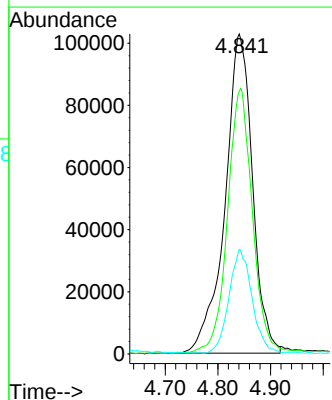
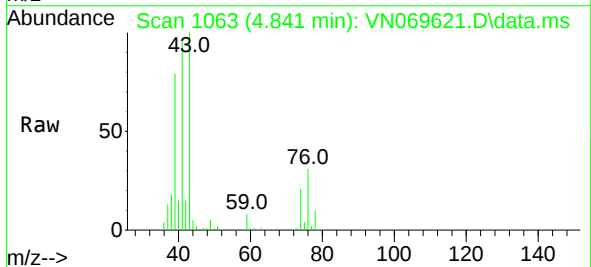


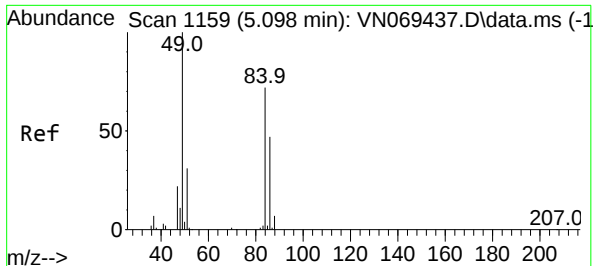
Tgt Ion: 76 Resp: 417424
Ion Ratio Lower Upper
76 100
78 9.5 7.8 11.8



#17
Allyl chloride
Concen: 21.426 ug/l
RT: 4.841 min Scan# 1063
Delta R.T. -0.005 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

Tgt Ion: 41 Resp: 372909
Ion Ratio Lower Upper
41 100
39 82.1 44.6 134.0
76 32.2 19.6 58.7





#18

Methylene Chloride

Concen: 21.617 ug/l

RT: 5.095 min Scan# 1158

Delta R.T. -0.005 min

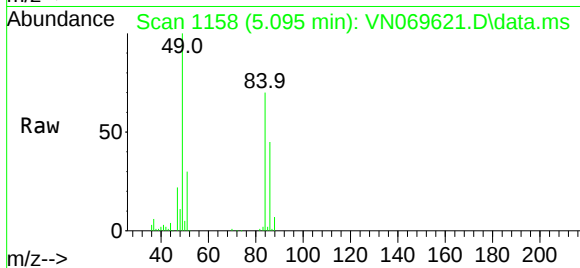
Lab File: VN069621.D

Acq: 23 Nov 2021 11:40

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 84 Resp: 225507

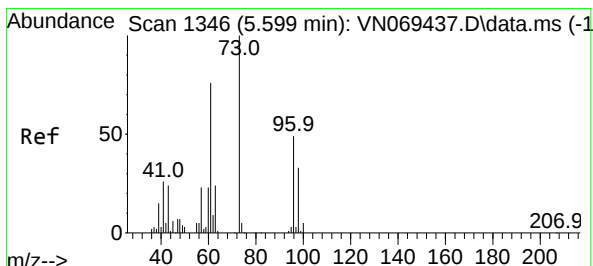
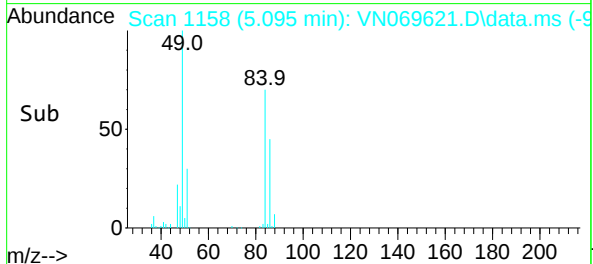
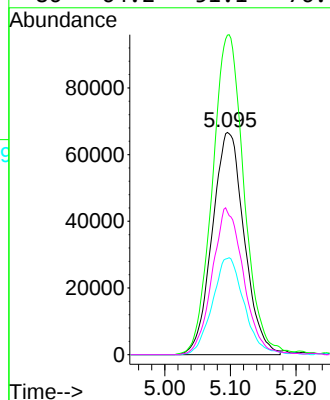
Ion Ratio Lower Upper

84 100

49 143.2 91.4 137.0#

51 43.3 29.4 44.0

86 64.2 51.1 76.7



#19

trans-1,2-Dichloroethene

Concen: 21.311 ug/l

RT: 5.602 min Scan# 1347

Delta R.T. -0.002 min

Lab File: VN069621.D

Acq: 23 Nov 2021 11:40

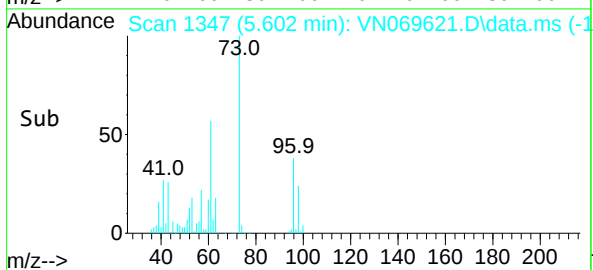
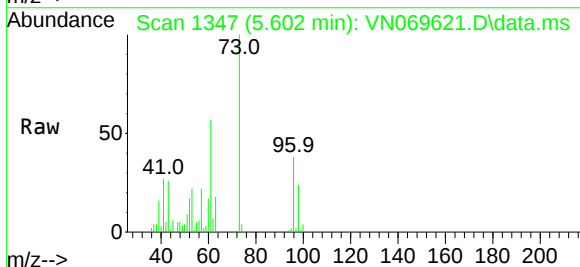
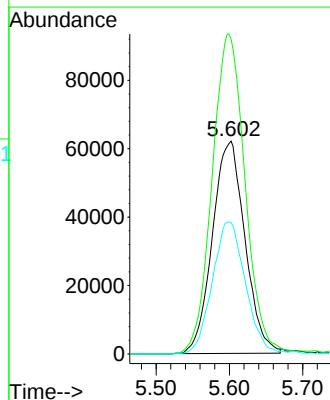
Tgt Ion: 96 Resp: 191500

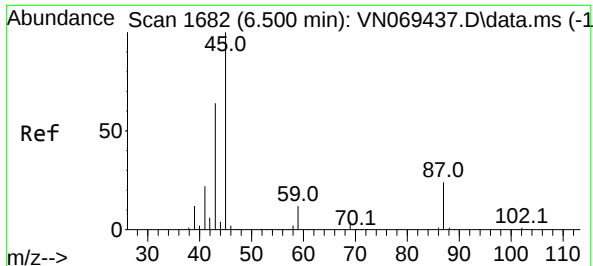
Ion Ratio Lower Upper

96 100

61 147.8 102.8 154.2

98 61.6 49.3 73.9





#20

Diisopropyl ether

Concen: 21.868 ug/l

RT: 6.495 min Scan# 1

Delta R.T. -0.002 min

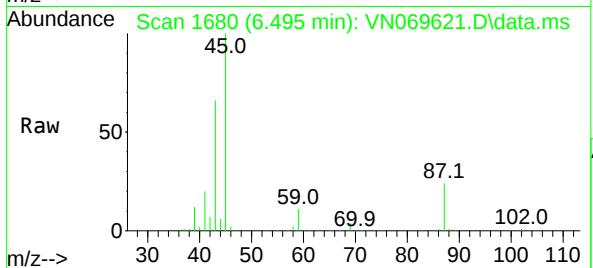
Lab File: VN069621.D

Acq: 23 Nov 2021 11:40

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 45 Resp: 815531

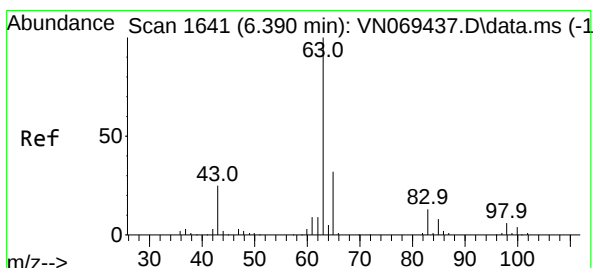
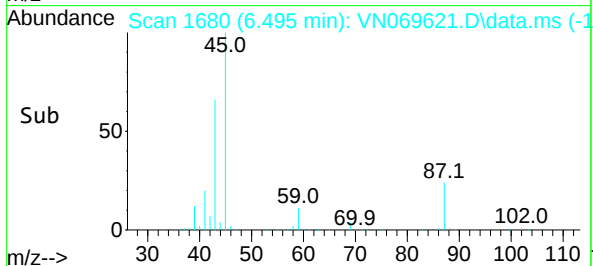
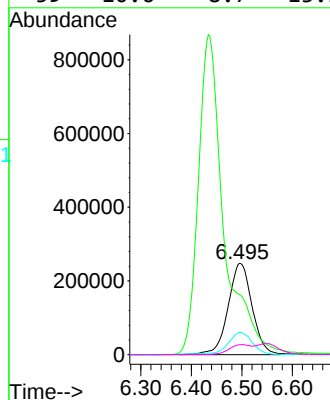
Ion Ratio Lower Upper

45 100

43 63.0 51.0 76.4

87 24.0 25.0 37.4#

59 10.6 8.7 13.1



#21

1,1-Dichloroethane

Concen: 21.606 ug/l

RT: 6.388 min Scan# 1640

Delta R.T. -0.005 min

Lab File: VN069621.D

Acq: 23 Nov 2021 11:40

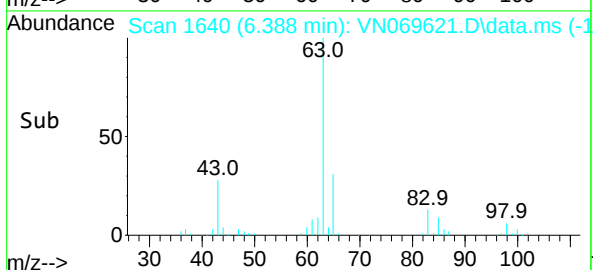
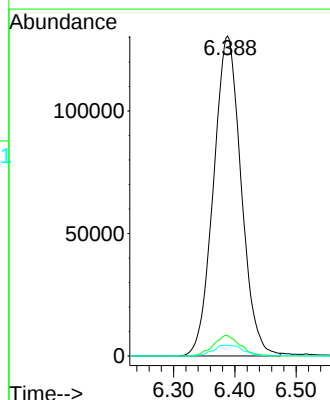
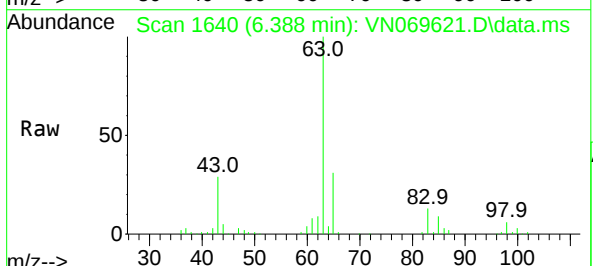
Tgt Ion: 63 Resp: 408784

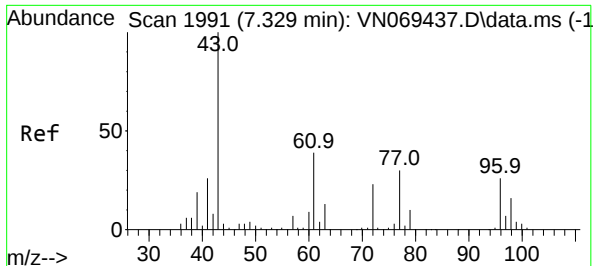
Ion Ratio Lower Upper

63 100

98 6.3 3.2 9.6

100 3.4 2.1 6.2





#22

cis-1,2-Dichloroethene

Concen: 21.128 ug/l

RT: 7.324 min Scan# 1991

Delta R.T. -0.005 min

Lab File: VN069621.D

Acq: 23 Nov 2021 11:40

Instrument :

MSVOA_N

ClientSampleId :

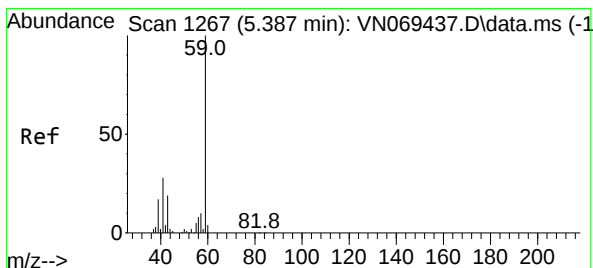
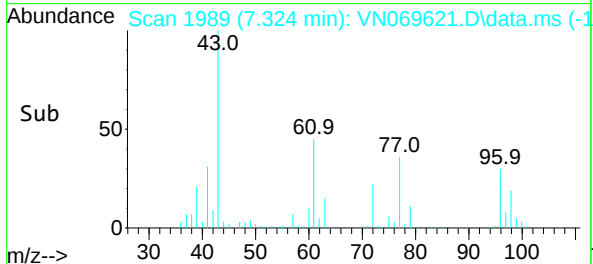
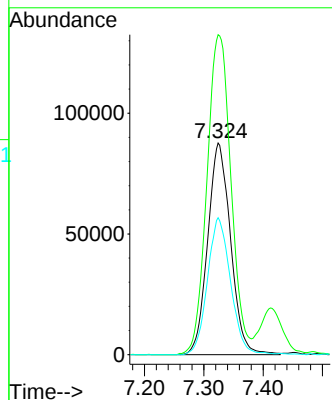
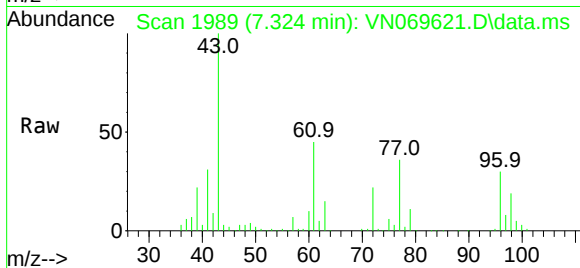
Tgt Ion: 96 Resp: 235467

Ion Ratio Lower Upper

96 100

61 158.2 115.7 173.5

98 64.9 51.6 77.4



#23

tert-Butyl Alcohol

Concen: 90.711 ug/l

RT: 5.369 min Scan# 1260

Delta R.T. 0.003 min

Lab File: VN069621.D

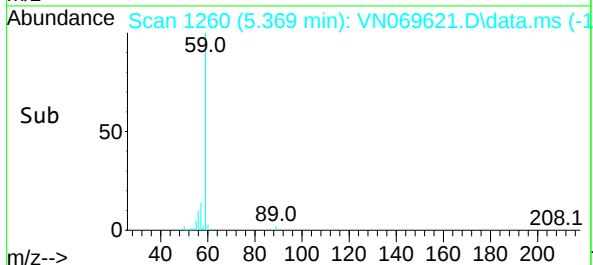
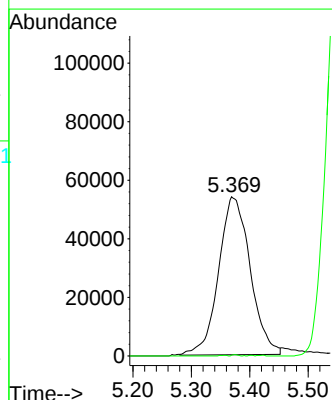
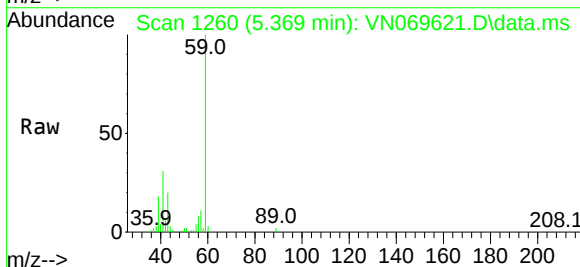
Acq: 23 Nov 2021 11:40

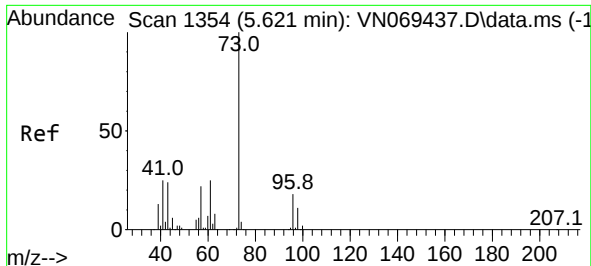
Tgt Ion: 59 Resp: 203117

Ion Ratio Lower Upper

59 100

52 0.2 0.0 0.0#

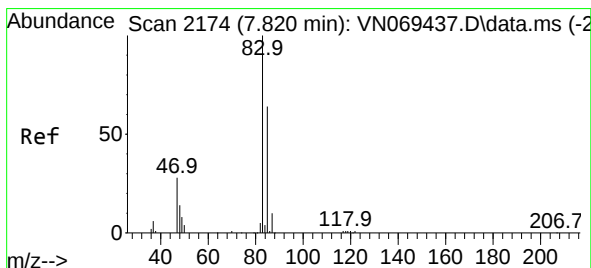
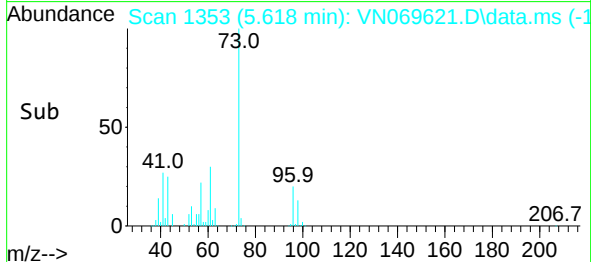
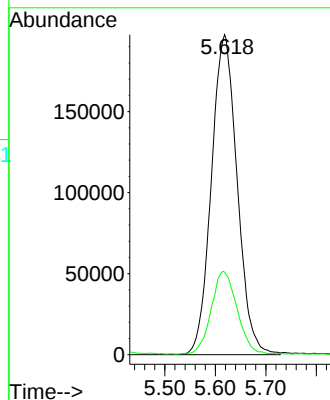
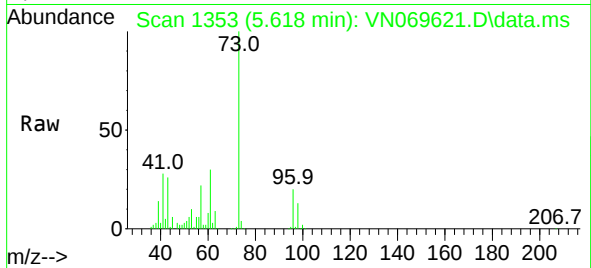




#24
Methyl tert-Butyl Ether
Concen: 21.340 ug/l
RT: 5.618 min Scan# 11
Delta R.T. -0.002 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

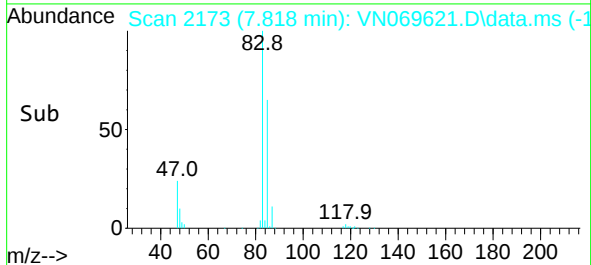
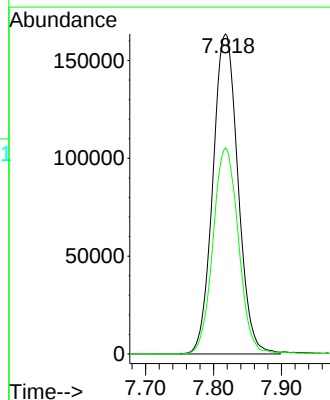
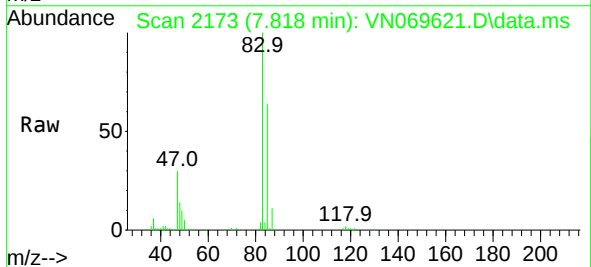
Instrument :
MSVOA_N
ClientSampleId :

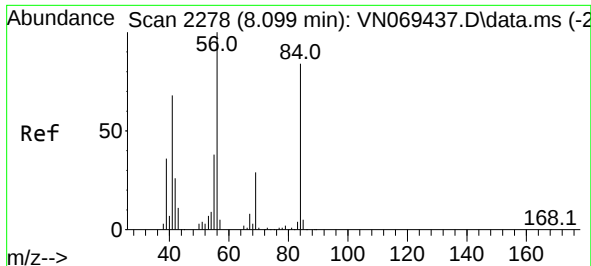
Tgt Ion: 73 Resp: 700308
Ion Ratio Lower Upper
73 100
43 24.9 18.1 27.1



#25
Chloroform
Concen: 21.476 ug/l
RT: 7.818 min Scan# 2173
Delta R.T. -0.002 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

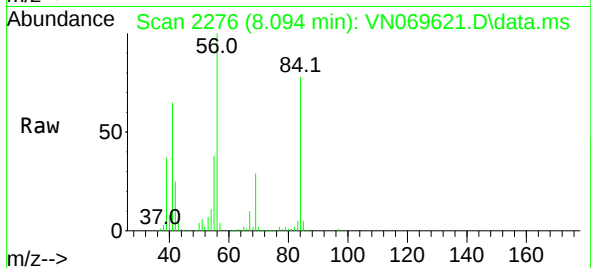
Tgt Ion: 83 Resp: 420108
Ion Ratio Lower Upper
83 100
85 64.4 51.3 76.9



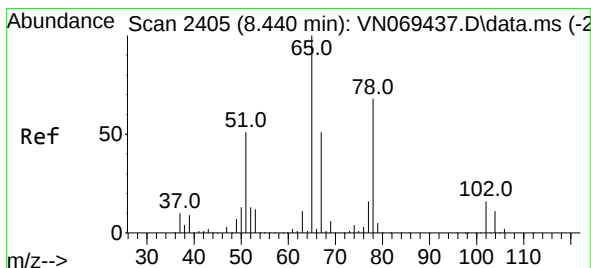
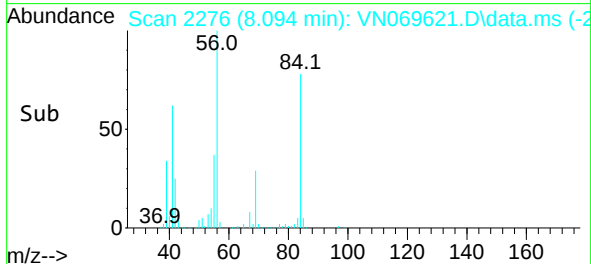
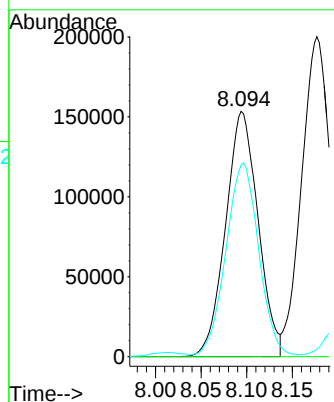


#26
Cyclohexane
Concen: 21.204 ug/l
RT: 8.094 min Scan# 21
Delta R.T. -0.005 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

Instrument :
MSVOA_N
ClientSampleId :

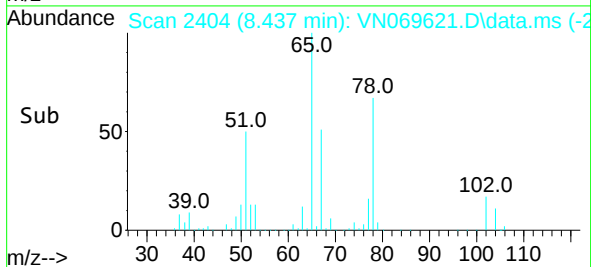
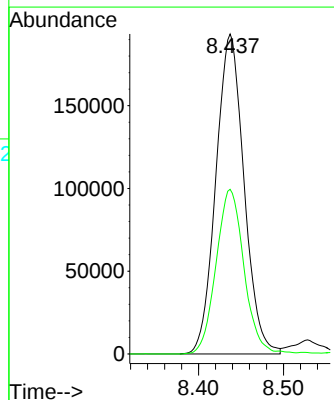
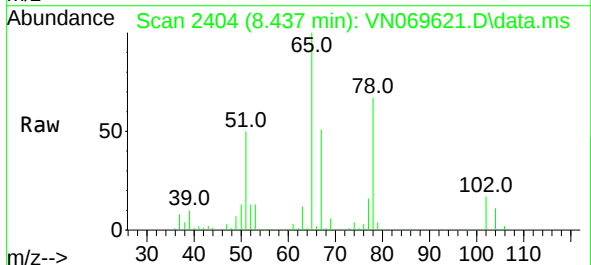


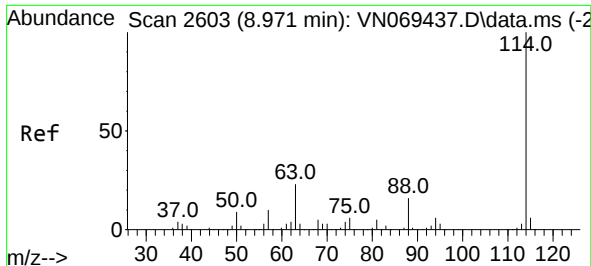
Tgt Ion: 56 Resp: 380878
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 80.3 74.6 111.8



#27
1,2-Dichloroethane-d4
Concen: 31.334 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.002 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

Tgt Ion: 65 Resp: 445297
Ion Ratio Lower Upper
65 100
67 50.7 40.2 60.2





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.968 min Scan# 2

Delta R.T. -0.002 min

Lab File: VN069621.D

Acq: 23 Nov 2021 11:40

Instrument :

MSVOA_N

ClientSampleId :

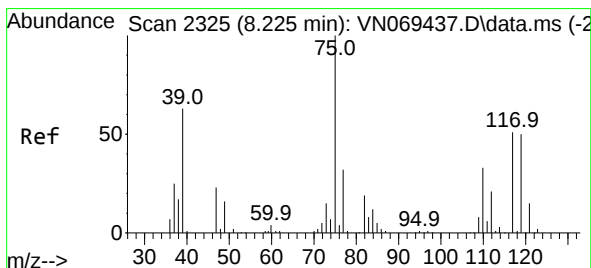
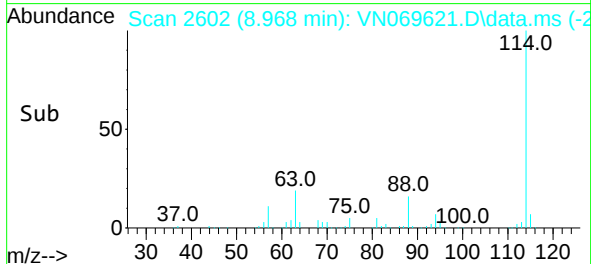
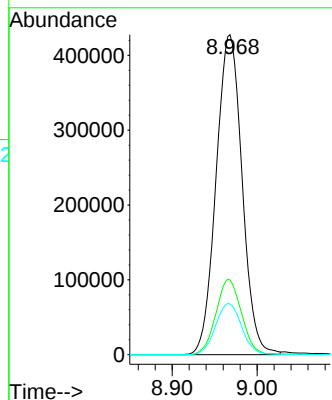
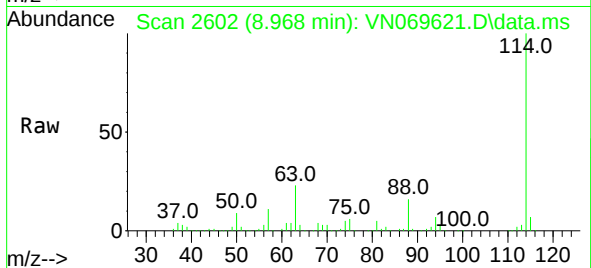
Tgt Ion:114 Resp: 909904

Ion Ratio Lower Upper

114 100

63 23.0 15.8 23.6

88 16.1 11.6 17.4



#29

1,1-Dichloropropene

Concen: 21.420 ug/l

RT: 8.222 min Scan# 2324

Delta R.T. -0.002 min

Lab File: VN069621.D

Acq: 23 Nov 2021 11:40

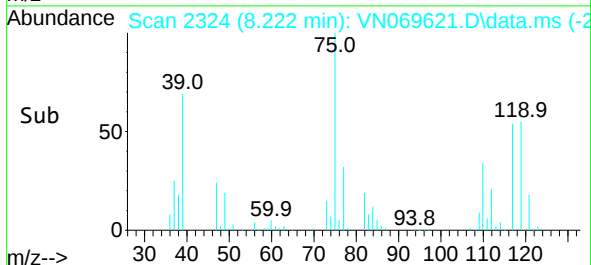
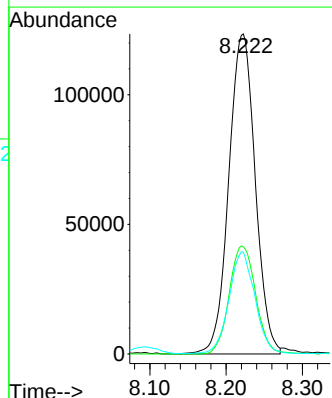
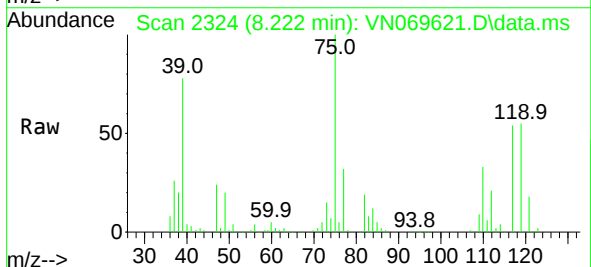
Tgt Ion: 75 Resp: 297516

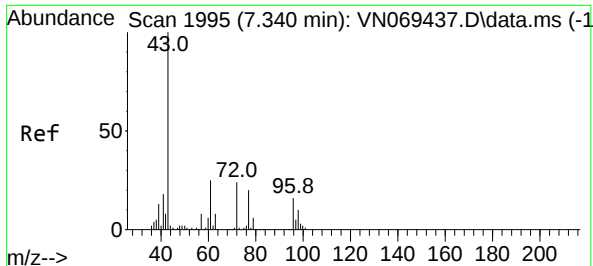
Ion Ratio Lower Upper

75 100

110 33.8 0.0 74.2

77 31.5 0.0 63.2





#30

2-Butanone

Concen: 101.204 ug/l

RT: 7.335 min Scan# 19

Delta R.T. -0.002 min

Lab File: VN069621.D

Acq: 23 Nov 2021 11:40

Instrument :

MSVOA_N

ClientSampleId :

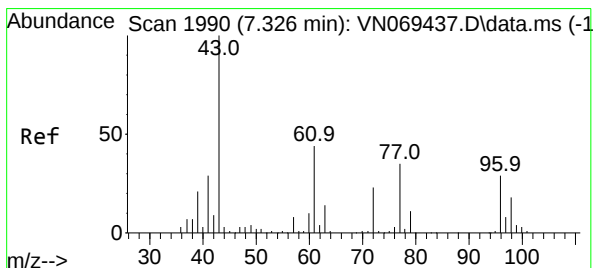
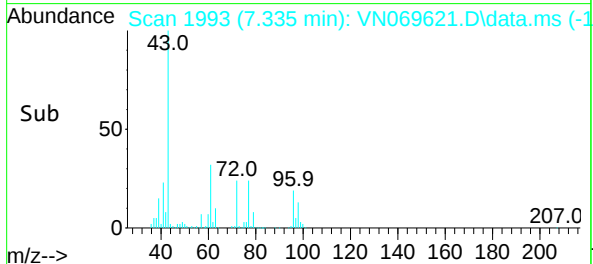
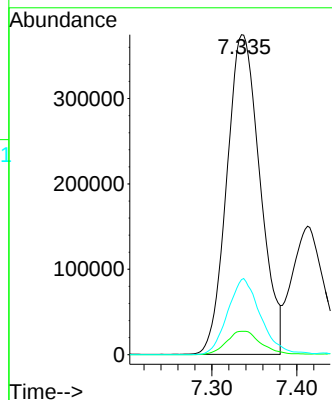
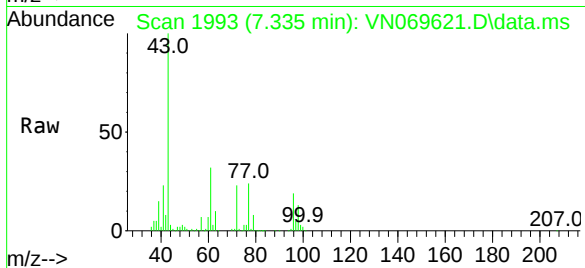
Tgt Ion: 43 Resp: 1017472

Ion Ratio Lower Upper

43 100

57 7.7 6.7 10.1

72 23.7 23.2 34.8



#31

2,2-Dichloropropane

Concen: 21.006 ug/l

RT: 7.324 min Scan# 1989

Delta R.T. -0.005 min

Lab File: VN069621.D

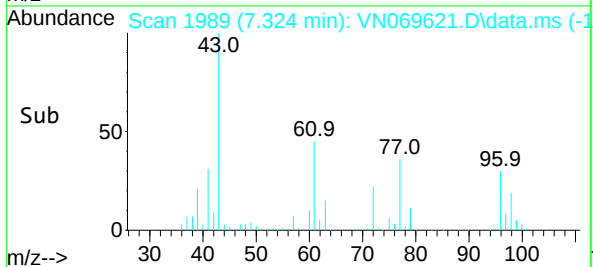
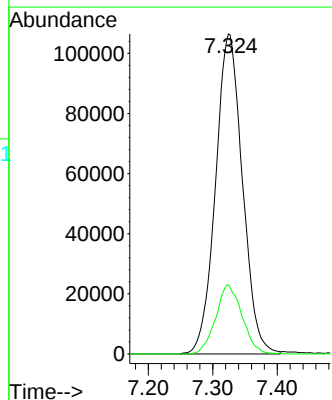
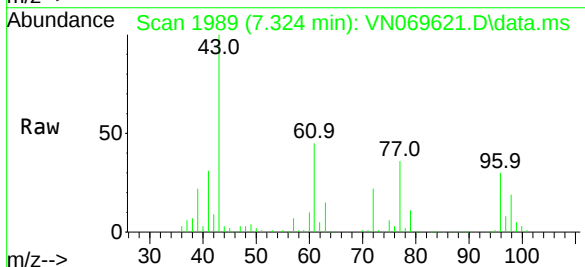
Acq: 23 Nov 2021 11:40

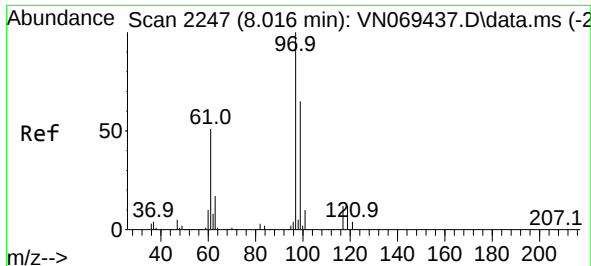
Tgt Ion: 77 Resp: 308448

Ion Ratio Lower Upper

77 100

97 21.1 18.3 27.5

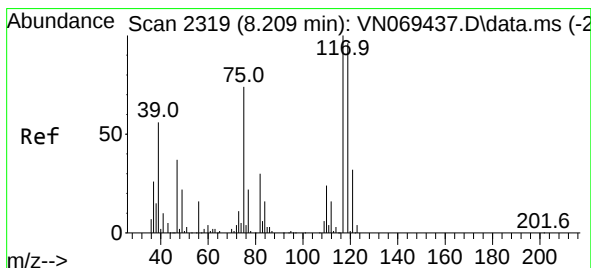
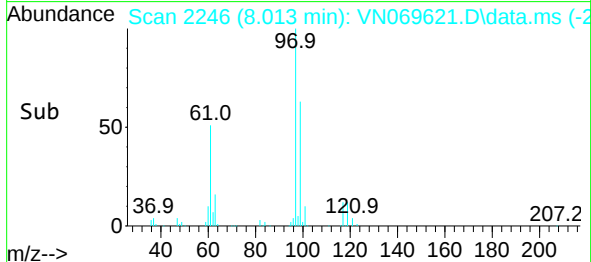
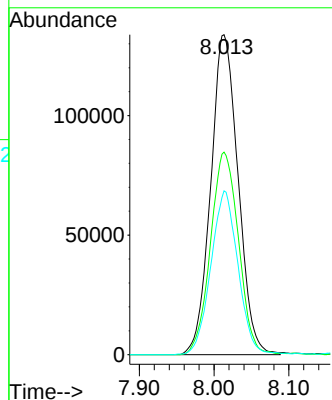
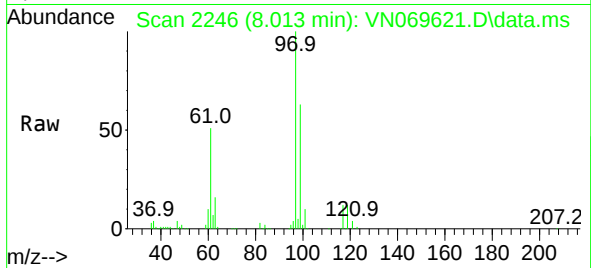




#32
1,1,1-Trichloroethane
Concen: 21.017 ug/l
RT: 8.013 min Scan# 21
Delta R.T. -0.002 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

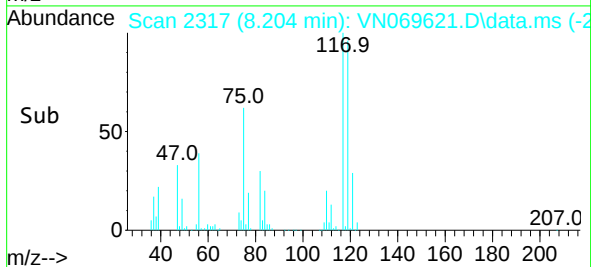
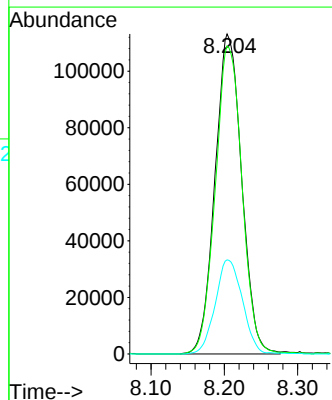
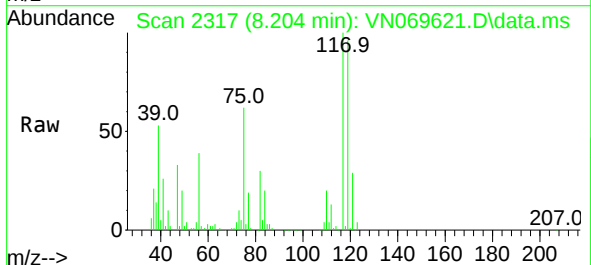
Instrument :
MSVOA_N
ClientSampleId :

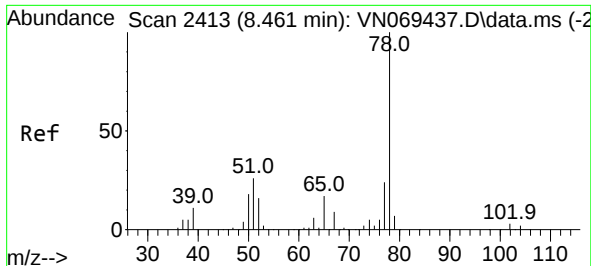
Tgt Ion: 97 Resp: 340793
Ion Ratio Lower Upper
97 100
99 64.7 50.4 75.6
61 50.5 34.6 51.8



#33
Carbon Tetrachloride
Concen: 21.347 ug/l
RT: 8.204 min Scan# 2317
Delta R.T. -0.005 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

Tgt Ion: 117 Resp: 285885
Ion Ratio Lower Upper
117 100
119 96.3 77.5 116.3
121 29.4 23.5 35.3

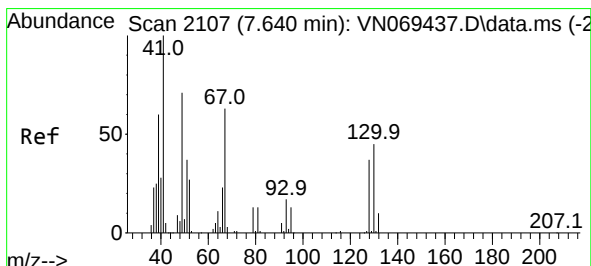
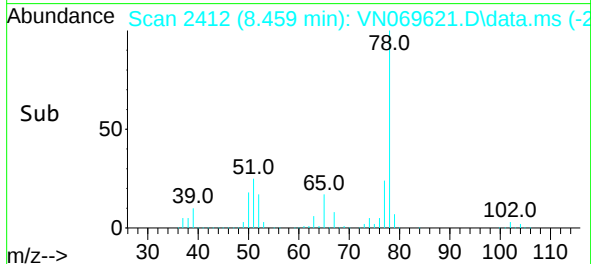
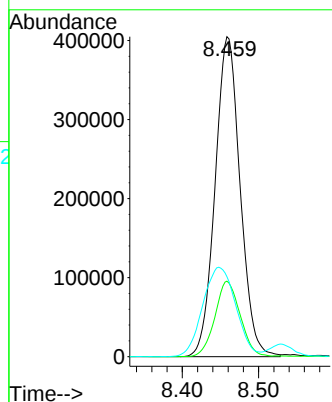
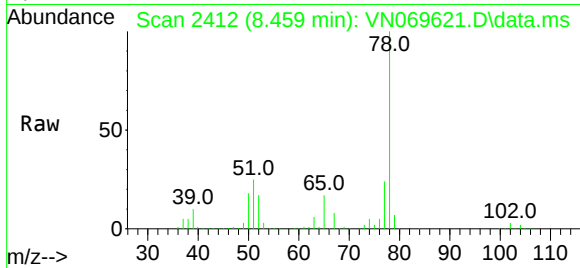




#34
Benzene
Concen: 21.831 ug/l
RT: 8.459 min Scan# 2413
Delta R.T. -0.002 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

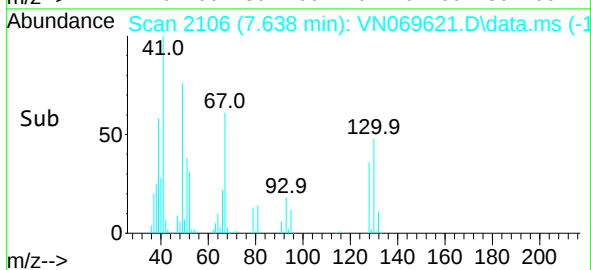
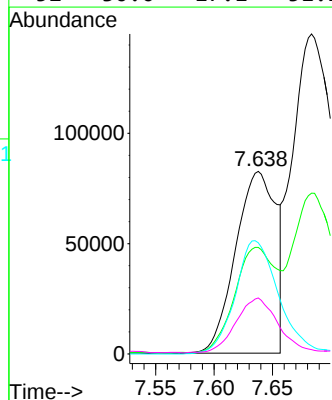
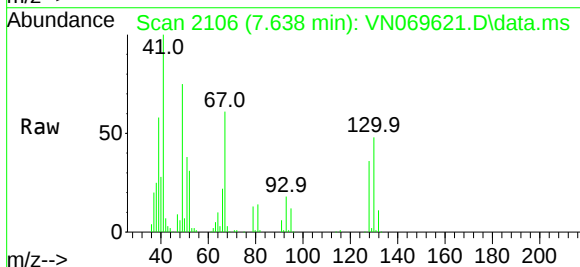
Instrument :
MSVOA_N
ClientSampleId :

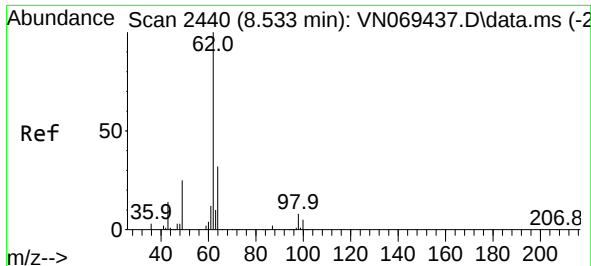
Tgt Ion: 78 Resp: 922107
Ion Ratio Lower Upper
78 100
77 23.6 19.1 28.7
51 24.4 16.0 24.0#



#35
Methacrylonitrile
Concen: 21.512 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. 0.003 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

Tgt Ion: 41 Resp: 198363
Ion Ratio Lower Upper
41 100
39 57.8 28.0 83.9
67 61.1 37.7 113.1
52 30.0 17.1 51.2

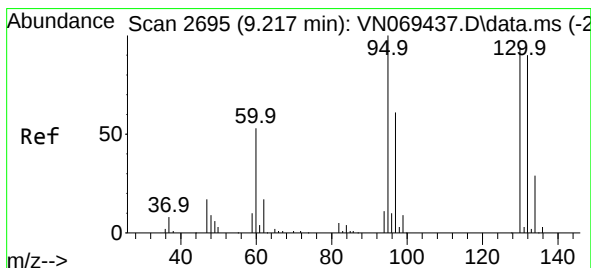
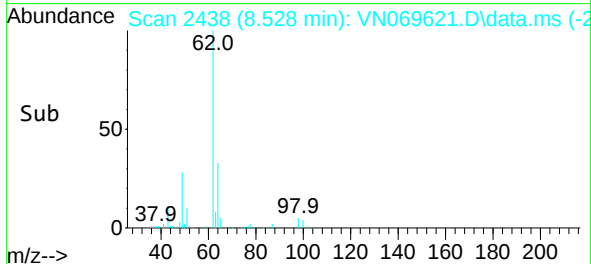
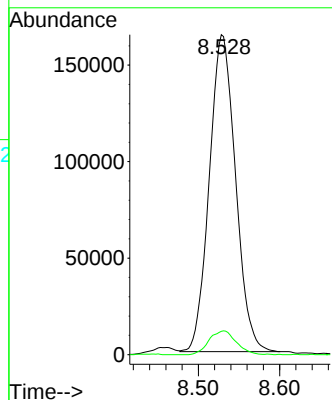
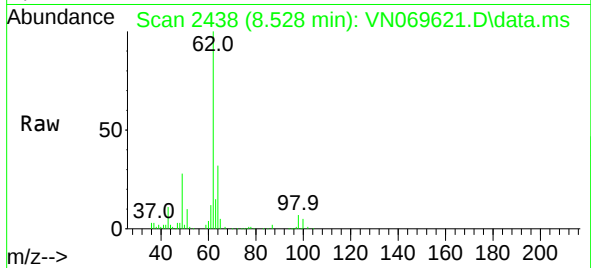




#36
1,2-Dichloroethane
Concen: 22.648 ug/l
RT: 8.528 min Scan# 24
Delta R.T. -0.005 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

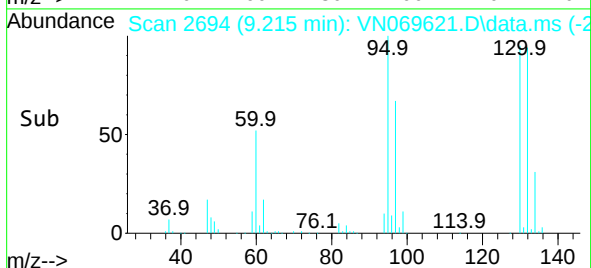
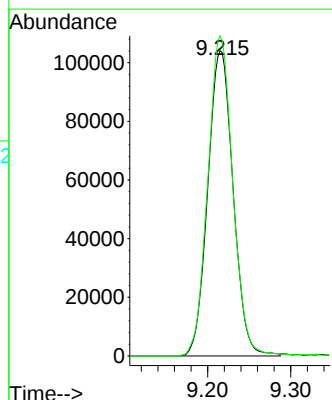
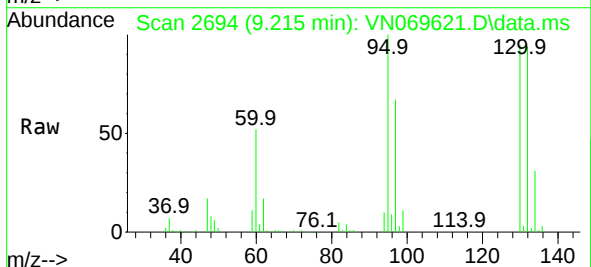
Instrument :
MSVOA_N
ClientSampleId :

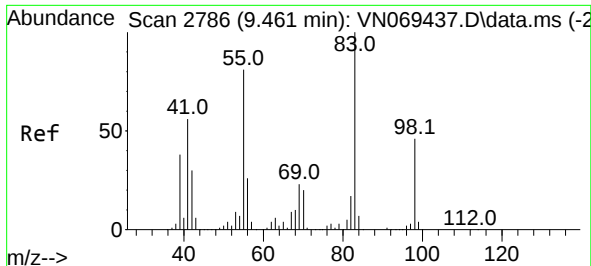
Tgt Ion: 62 Resp: 368812
Ion Ratio Lower Upper
62 100
98 7.8 6.6 10.0



#37
Trichloroethene
Concen: 21.605 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.002 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

Tgt Ion:130 Resp: 220467
Ion Ratio Lower Upper
130 100
95 104.7 76.6 115.0

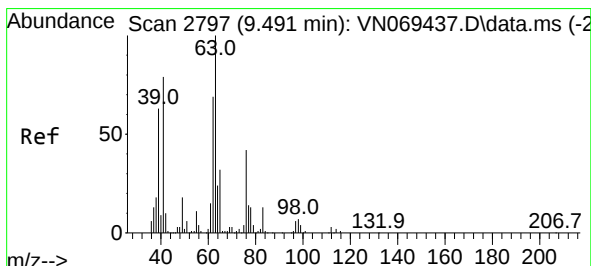
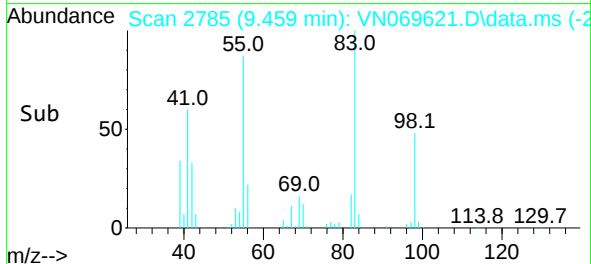
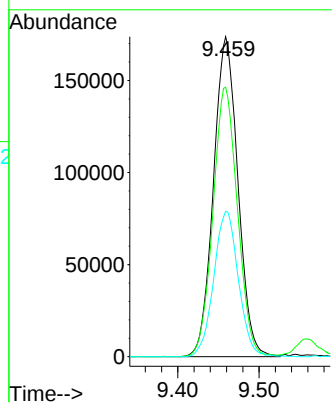
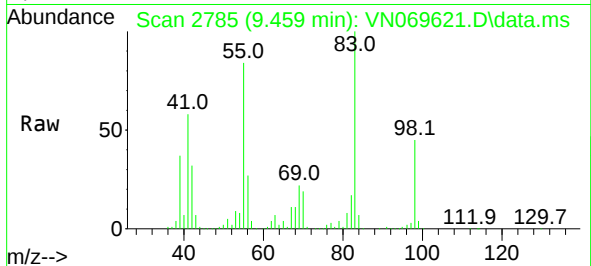




#38
Methylcyclohexane
Concen: 21.123 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.002 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

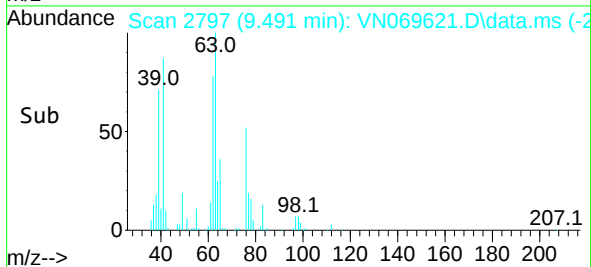
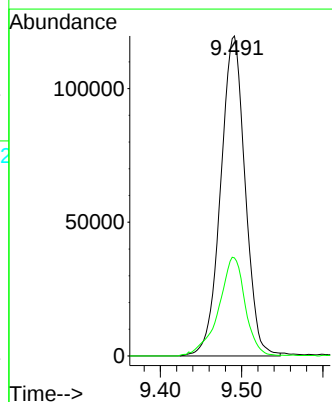
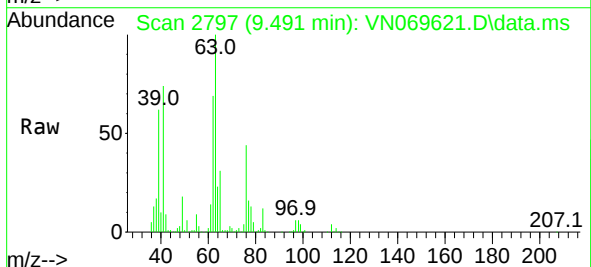
Instrument :
MSVOA_N
ClientSampleId :

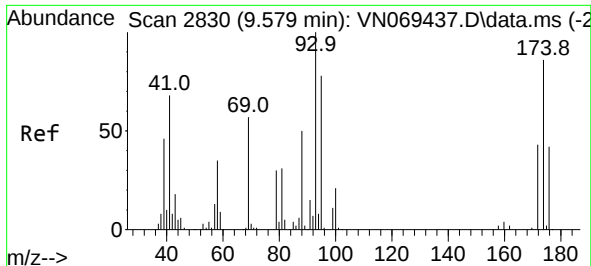
Tgt Ion: 83 Resp: 362986
Ion Ratio Lower Upper
83 100
55 84.7 35.1 105.3
98 45.5 23.4 70.2



#39
1,2-Dichloropropane
Concen: 22.352 ug/l
RT: 9.491 min Scan# 2797
Delta R.T. -0.002 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

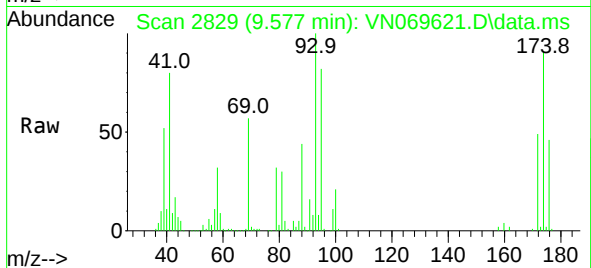
Tgt Ion: 63 Resp: 250051
Ion Ratio Lower Upper
63 100
65 30.5 24.2 36.4



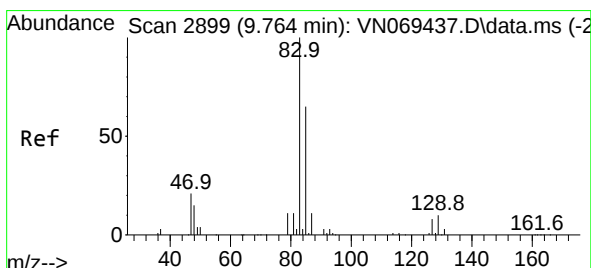
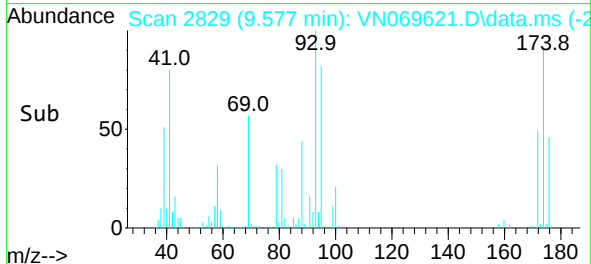
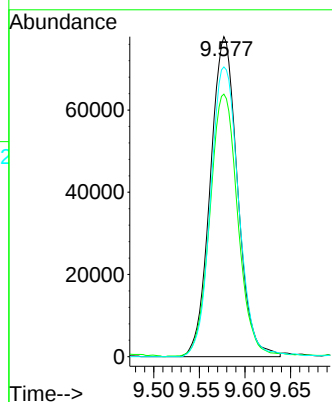


#40
Dibromomethane
Concen: 21.579 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. -0.002 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

Instrument :
MSVOA_N
ClientSampleId :

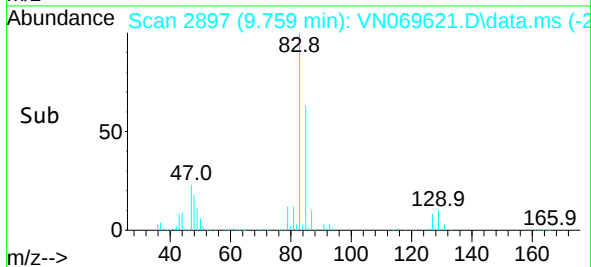
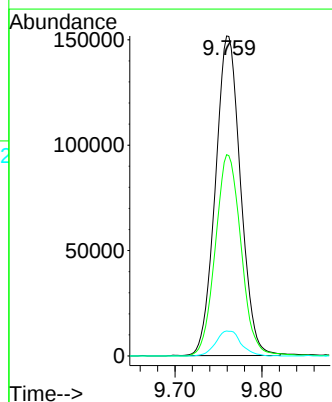
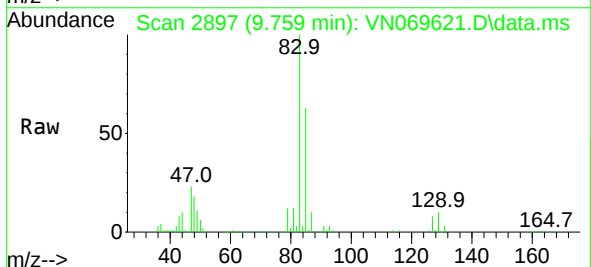


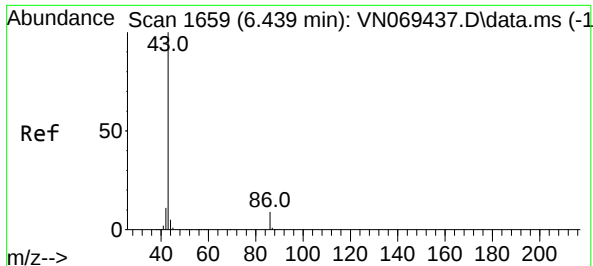
Tgt Ion: 93 Resp: 161674
Ion Ratio Lower Upper
93 100
95 83.1 0.0 168.8
174 92.9 0.0 173.6



#41
Bromodichloromethane
Concen: 21.683 ug/l
RT: 9.759 min Scan# 2897
Delta R.T. -0.005 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

Tgt Ion: 83 Resp: 304923
Ion Ratio Lower Upper
83 100
85 63.0 54.1 81.1
127 7.8 7.6 11.4





#42

Vinyl Acetate

Concen: 107.533 ug/l

RT: 6.434 min Scan# 1

Delta R.T. -0.002 min

Lab File: VN069621.D

Acq: 23 Nov 2021 11:40

Instrument :

MSVOA_N

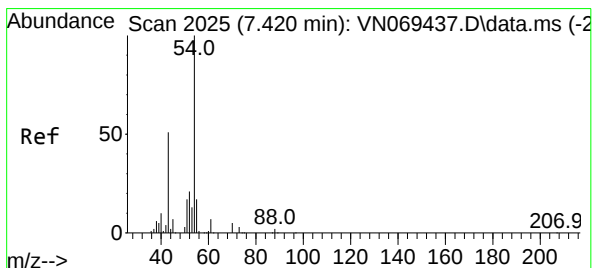
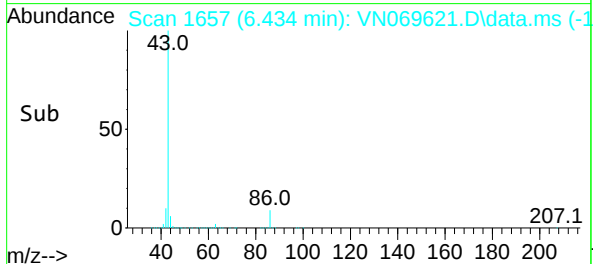
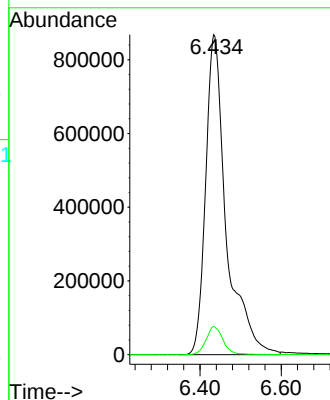
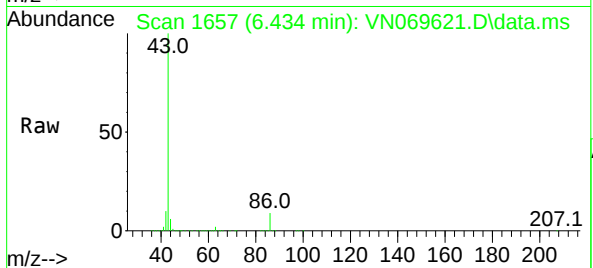
ClientSampleId :

Tgt Ion: 43 Resp: 3055223

Ion Ratio Lower Upper

43 100

86 7.3 7.5 11.3#



#43

Ethyl Acetate

Concen: 20.574 ug/l

RT: 7.413 min Scan# 2022

Delta R.T. 0.000 min

Lab File: VN069621.D

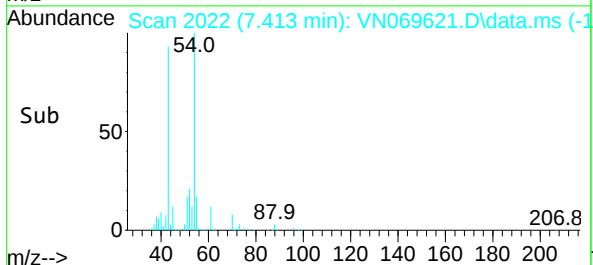
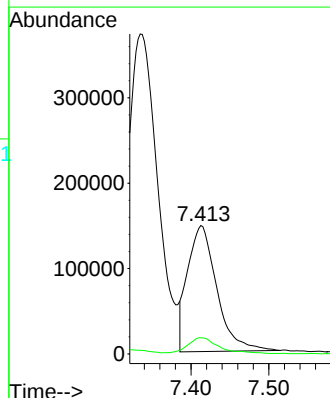
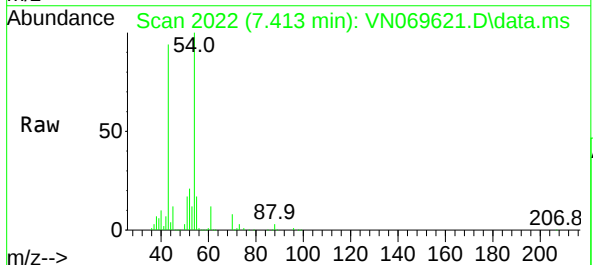
Acq: 23 Nov 2021 11:40

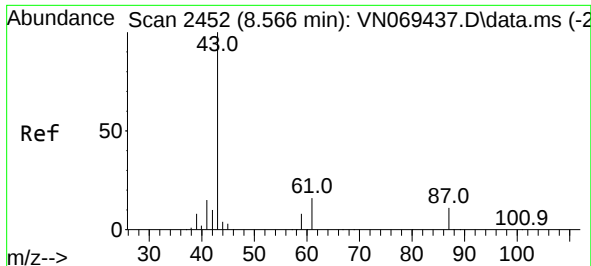
Tgt Ion: 43 Resp: 383327

Ion Ratio Lower Upper

43 100

45 13.6 10.6 16.0

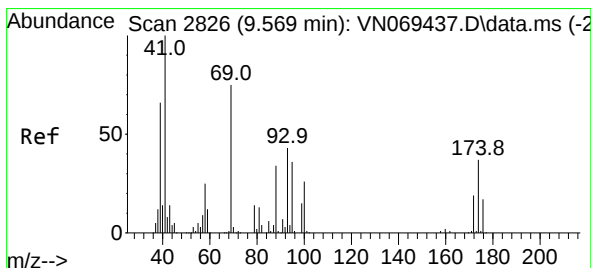
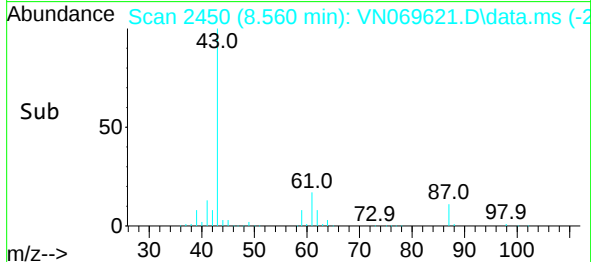
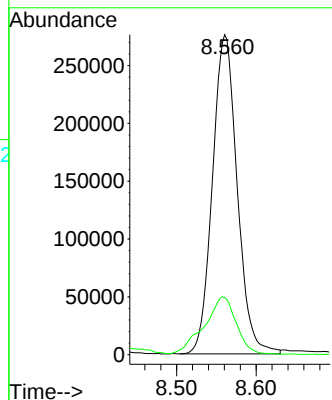
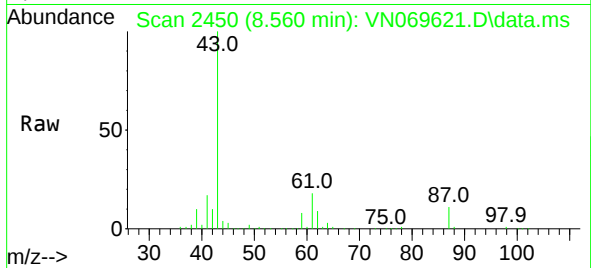




#44
Isopropyl Acetate
Concen: 20.592 ug/l
RT: 8.560 min Scan# 2452
Delta R.T. 0.000 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

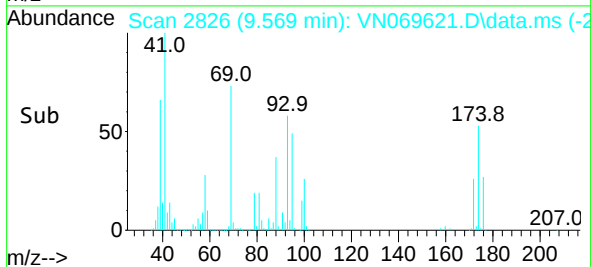
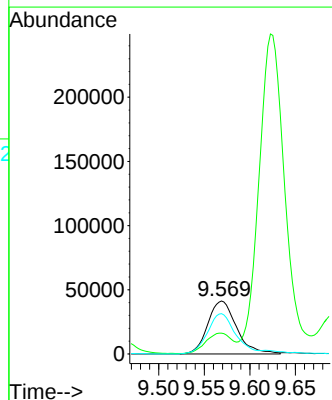
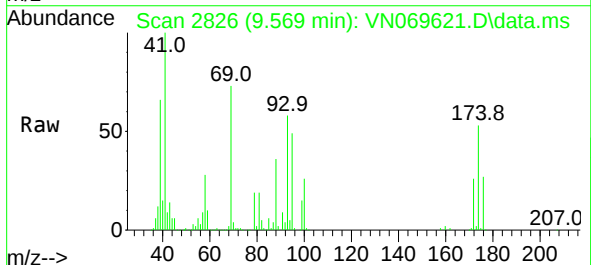
Instrument :
MSVOA_N
ClientSampleId :

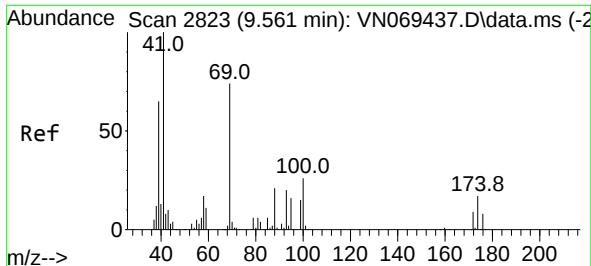
Tgt Ion: 43 Resp: 598137
Ion Ratio Lower Upper
43 100
61 23.2 20.1 30.1



#45
1,4-Dioxane
Concen: 384.524 ug/l
RT: 9.569 min Scan# 2826
Delta R.T. 0.000 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

Tgt Ion: 88 Resp: 90668
Ion Ratio Lower Upper
88 100
43 34.8 25.0 37.6
58 73.4 49.4 74.2

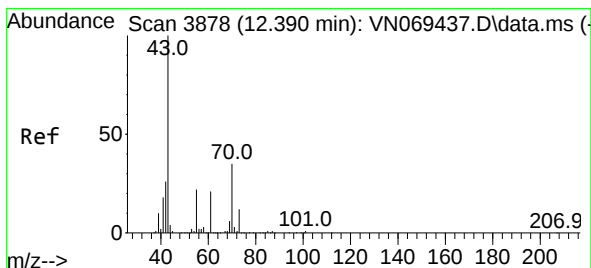
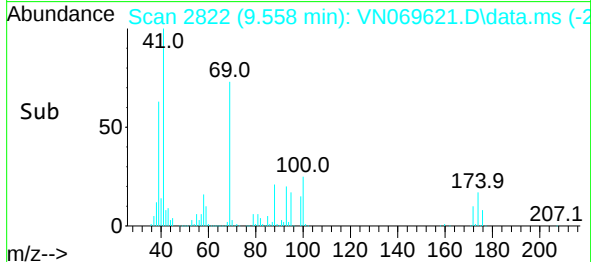
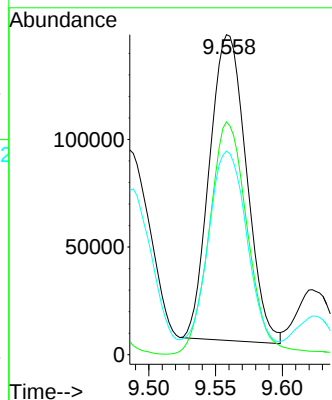
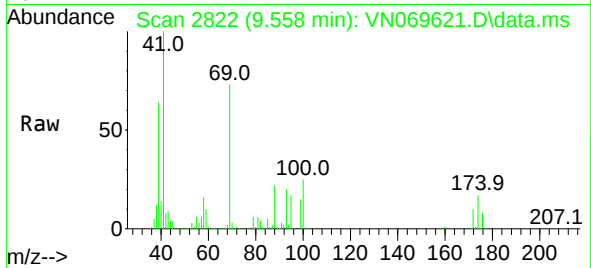




#46
Methyl methacrylate
Concen: 20.371 ug/l
RT: 9.558 min Scan# 21
Delta R.T. -0.002 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

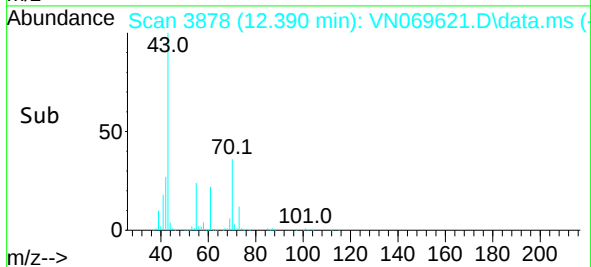
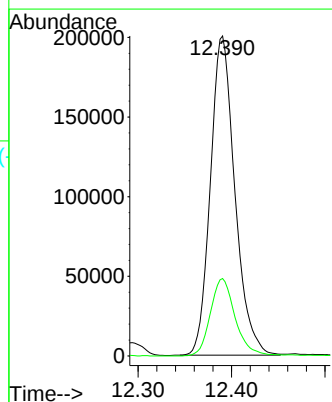
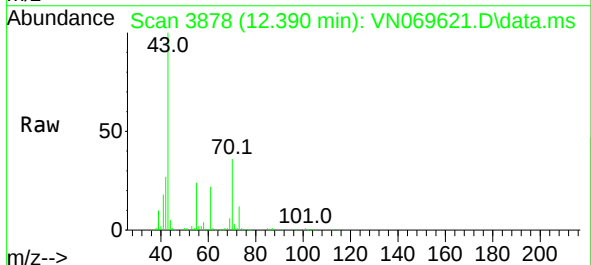
Instrument :
MSVOA_N
ClientSampleId :

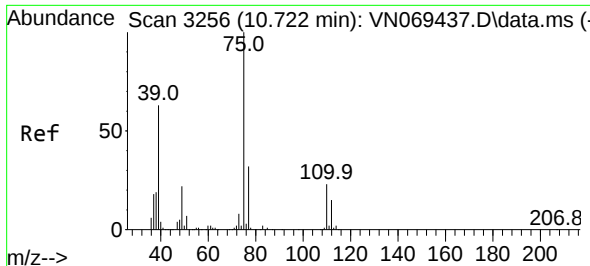
Tgt Ion: 41 Resp: 272526
Ion Ratio Lower Upper
41 100
69 75.7 44.4 133.2
39 62.9 39.9 119.6



#47
n-amy1 Acetate
Concen: 16.337 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

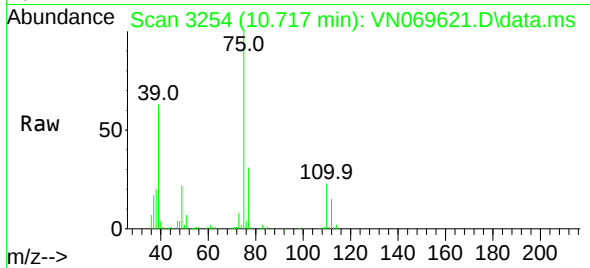
Tgt Ion: 43 Resp: 364399
Ion Ratio Lower Upper
43 100
55 24.6 19.0 28.6



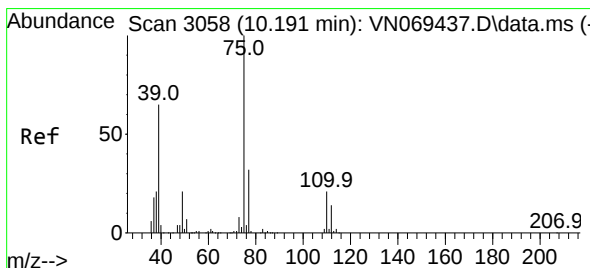
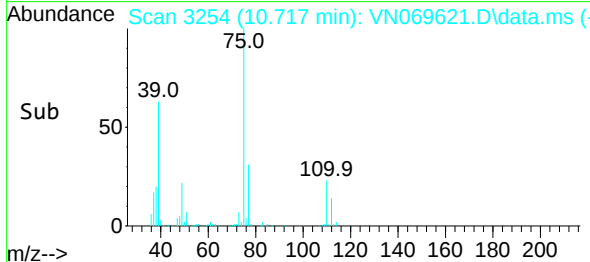
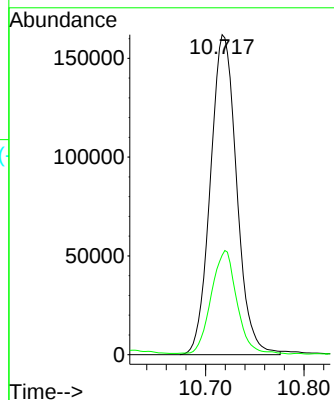


#48
 t-1,3-Dichloropropene
 Concen: 19.922 ug/l
 RT: 10.717 min Scan# 31
 Delta R.T. -0.002 min
 Lab File: VN069621.D
 Acq: 23 Nov 2021 11:40

Instrument :
 MSVOA_N
 ClientSampleId :

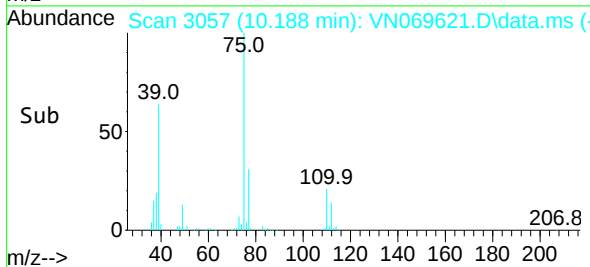
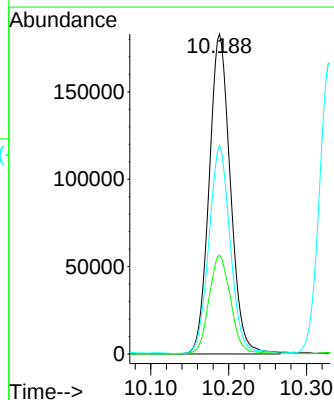
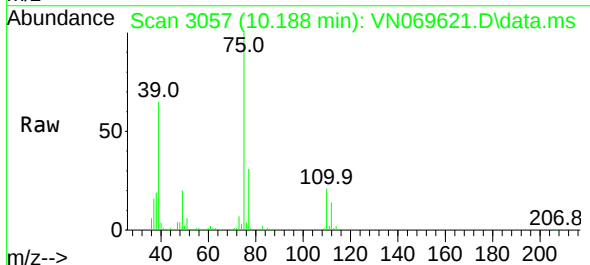


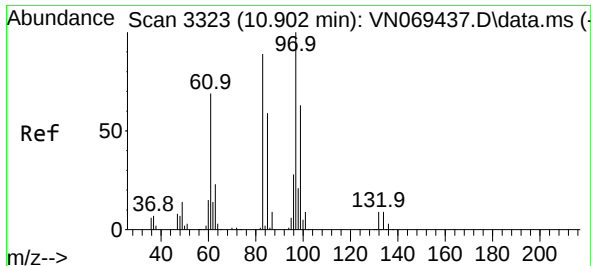
Tgt Ion: 75 Resp: 300660
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.3 37.9



#49
 cis-1,3-Dichloropropene
 Concen: 21.113 ug/l
 RT: 10.188 min Scan# 3057
 Delta R.T. -0.002 min
 Lab File: VN069621.D
 Acq: 23 Nov 2021 11:40

Tgt Ion: 75 Resp: 346724
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.3 37.9
 39 64.9 46.2 69.4





#50

1,1,2-Trichloroethane

Concen: 21.309 ug/l

RT: 10.896 min Scan# 31

Delta R.T. -0.002 min

Lab File: VN069621.D

Acq: 23 Nov 2021 11:40

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 97 Resp: 226711

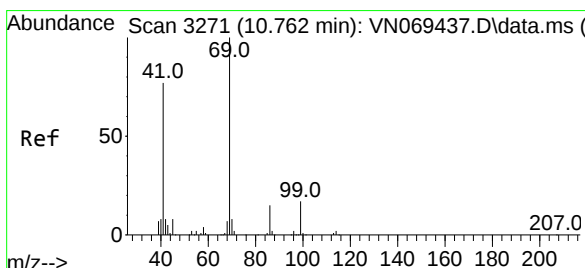
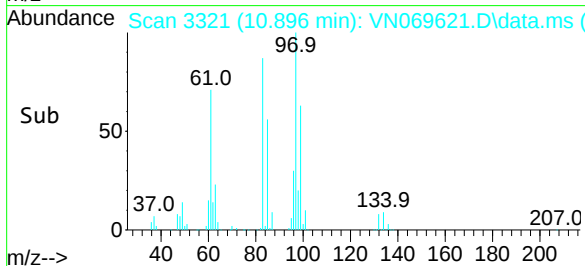
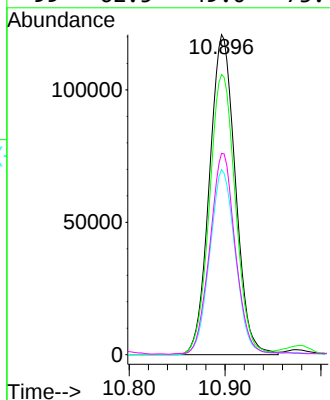
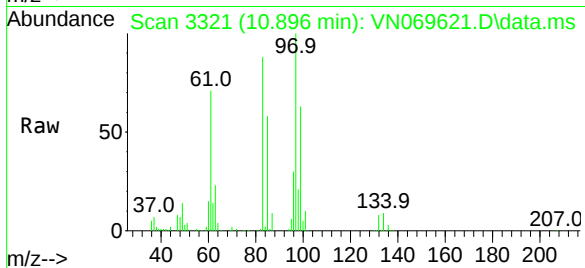
Ion Ratio Lower Upper

97 100

83 87.5 67.2 100.8

85 57.8 43.0 64.4

99 62.5 49.0 73.4



#51

Ethyl methacrylate

Concen: 19.531 ug/l

RT: 10.760 min Scan# 3270

Delta R.T. -0.002 min

Lab File: VN069621.D

Acq: 23 Nov 2021 11:40

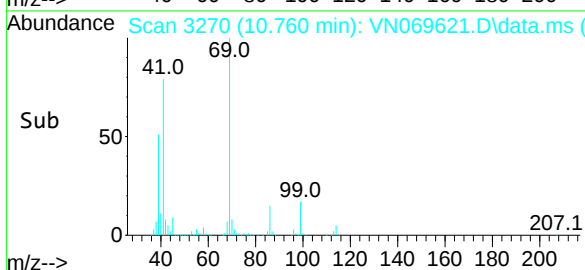
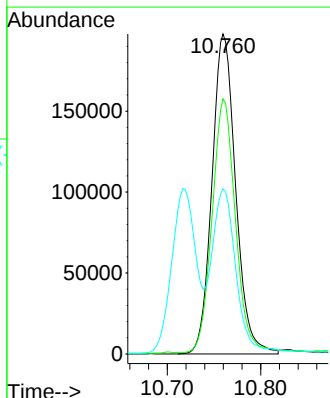
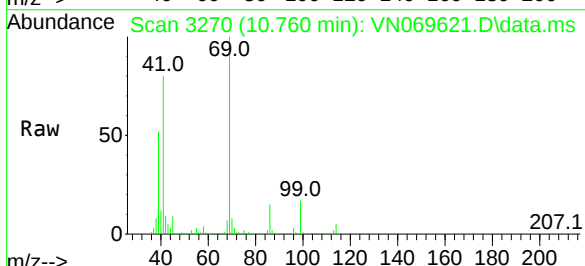
Tgt Ion: 69 Resp: 348379

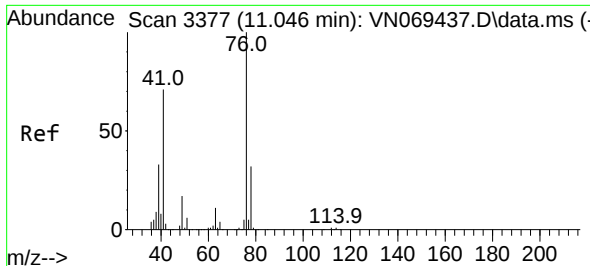
Ion Ratio Lower Upper

69 100

41 79.3 33.0 98.9

39 50.4 25.4 76.4

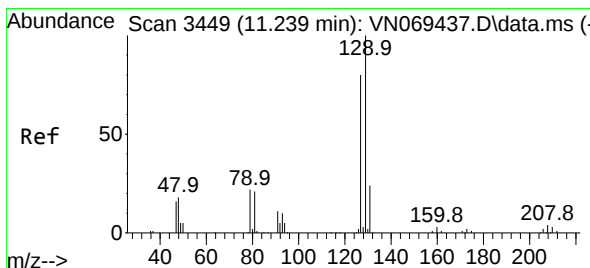
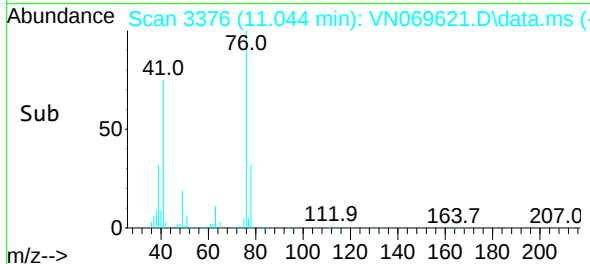
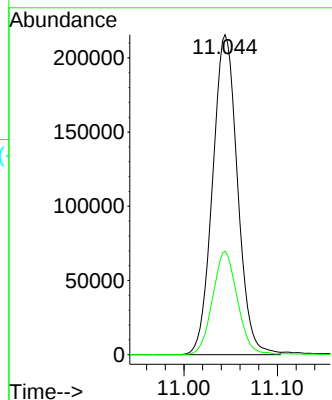
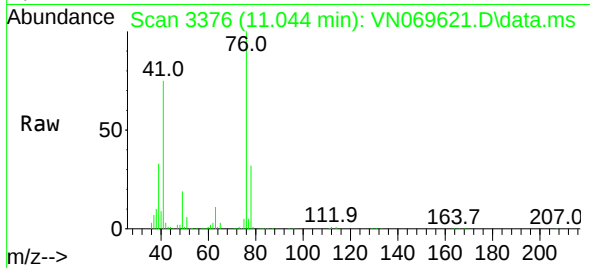




#52
1,3-Dichloropropane
Concen: 21.739 ug/l
RT: 11.044 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

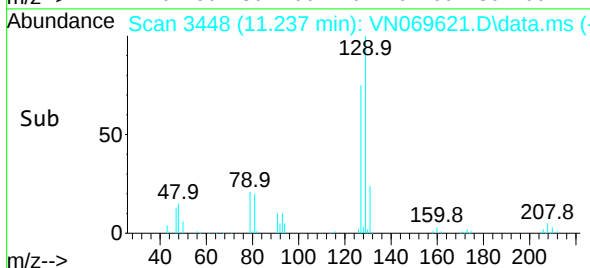
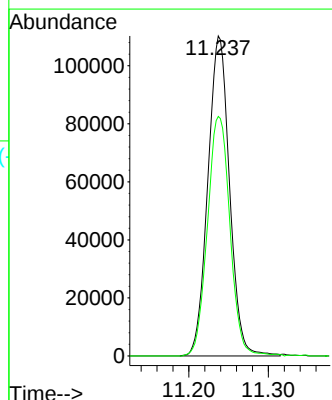
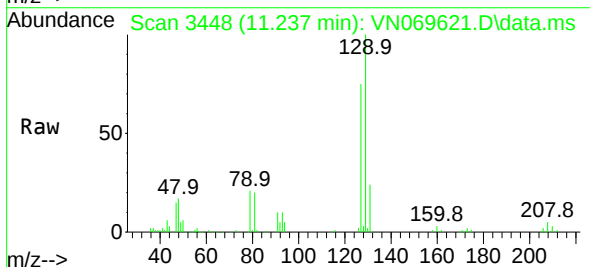
Instrument :
MSVOA_N
ClientSampleId :

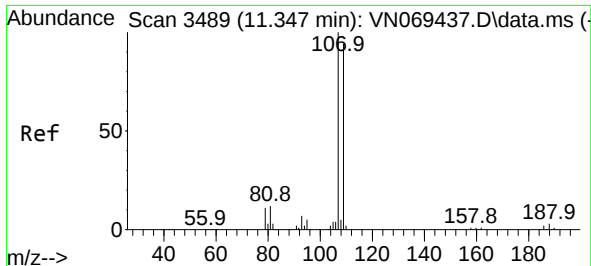
Tgt Ion: 76 Resp: 399505
Ion Ratio Lower Upper
76 100
78 32.0 0.0 65.4



#53
Dibromochloromethane
Concen: 20.562 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.002 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

Tgt Ion: 129 Resp: 209052
Ion Ratio Lower Upper
129 100
127 77.6 39.0 117.0

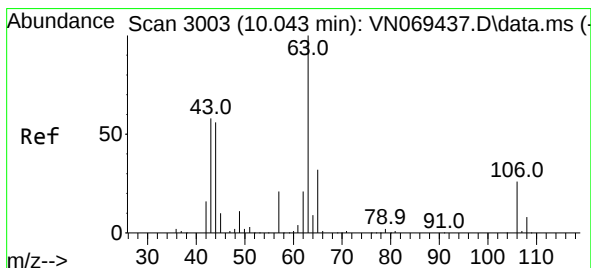
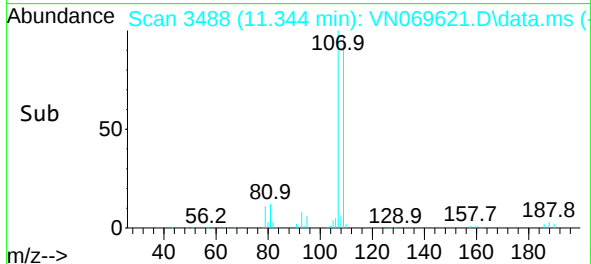
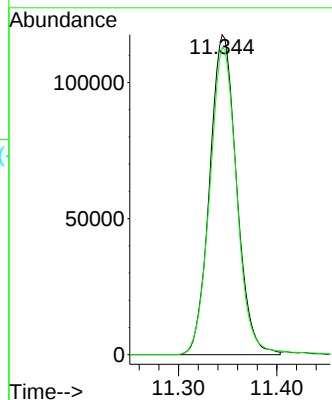
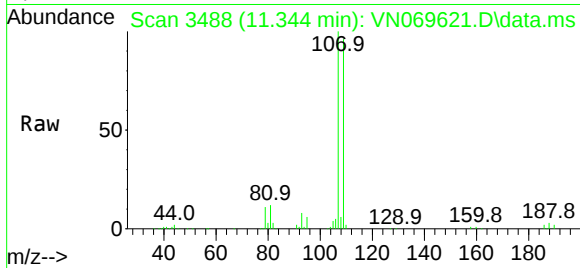




#54
1,2-Dibromoethane
Concen: 20.286 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. -0.002 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

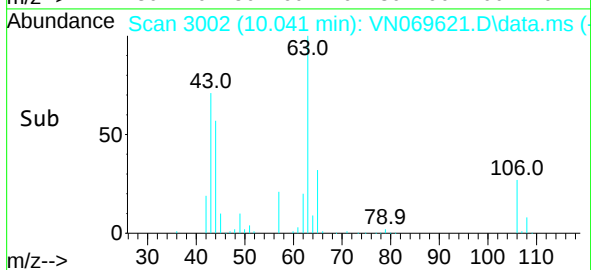
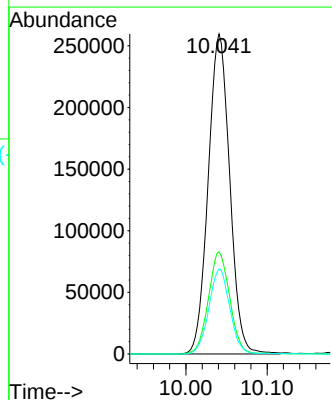
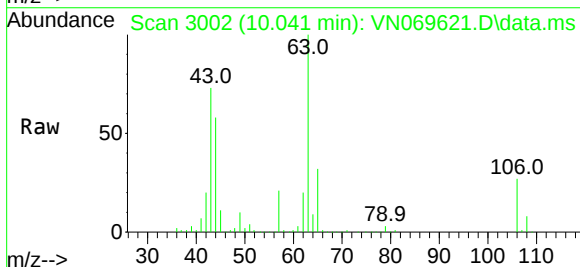
Instrument :
MSVOA_N
ClientSampleId :

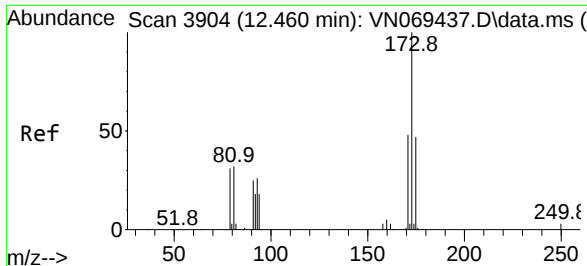
Tgt Ion:107 Resp: 223515
Ion Ratio Lower Upper
107 100
109 96.4 72.8 109.2



#55
2-Chloroethyl vinyl ether
Concen: 117.609 ug/l
RT: 10.041 min Scan# 3002
Delta R.T. -0.002 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

Tgt Ion: 63 Resp: 477188
Ion Ratio Lower Upper
63 100
65 31.6 25.4 38.0
106 25.9 23.2 34.8

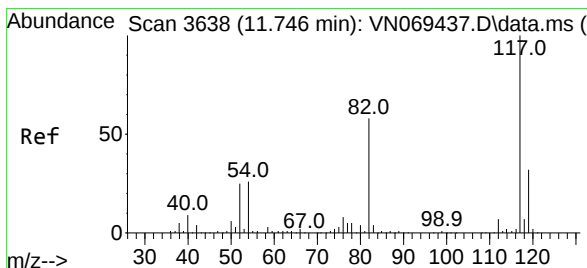
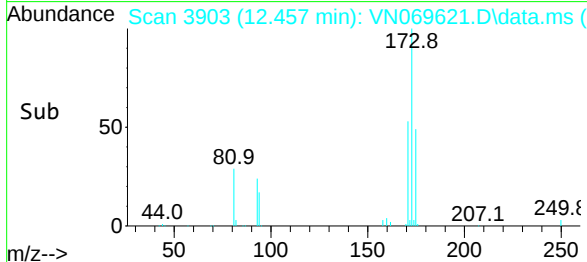
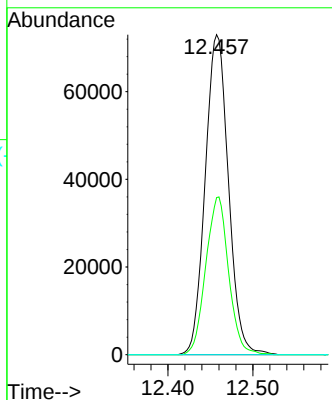
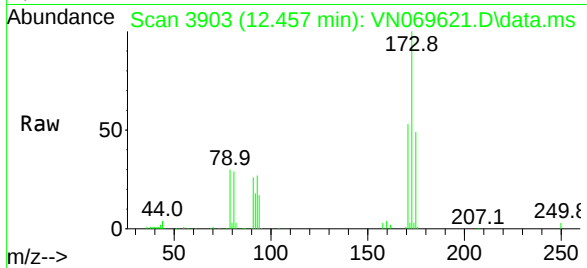




#56
Bromoform
Concen: 19.029 ug/l
RT: 12.457 min Scan# 3903
Delta R.T. -0.002 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

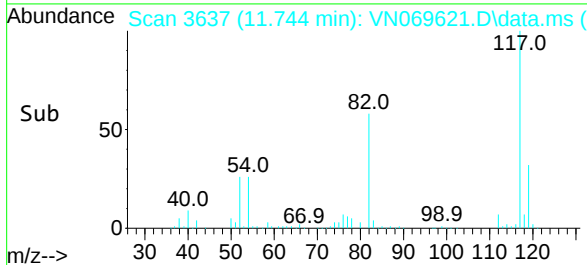
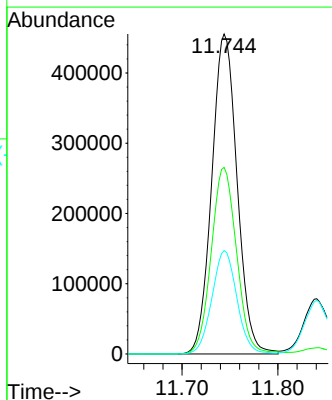
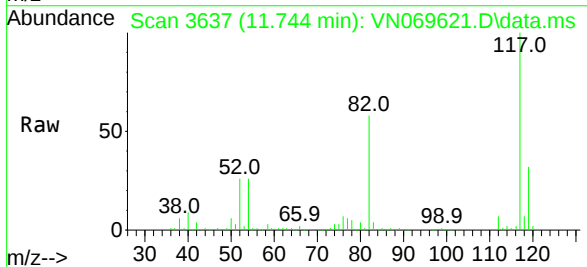
Instrument :
MSVOA_N
ClientSampleId :

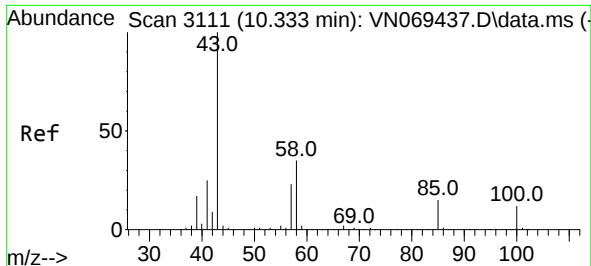
Tgt Ion:173 Resp: 138733
Ion Ratio Lower Upper
173 100
175 48.5 38.6 58.0
254 0.0 0.0 0.0



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

Tgt Ion:117 Resp: 836143
Ion Ratio Lower Upper
117 100
82 58.0 43.6 65.4
119 31.8 25.8 38.6

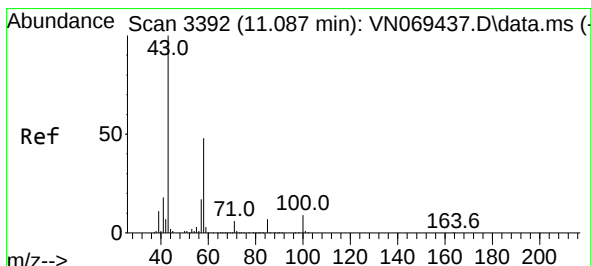
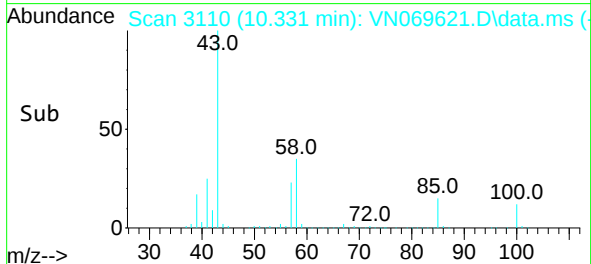
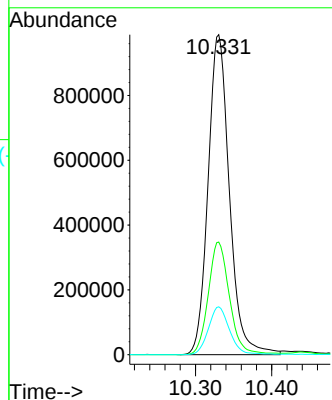
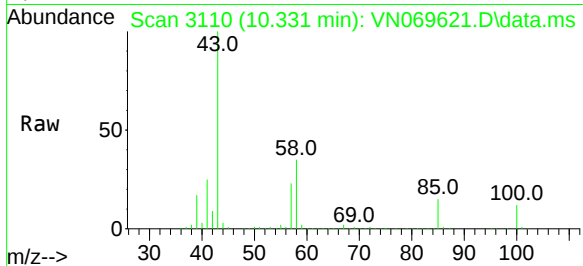




#58
4-Methyl-2-Pentanone
Concen: 104.603 ug/l
RT: 10.331 min Scan# 3111
Delta R.T. 0.000 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

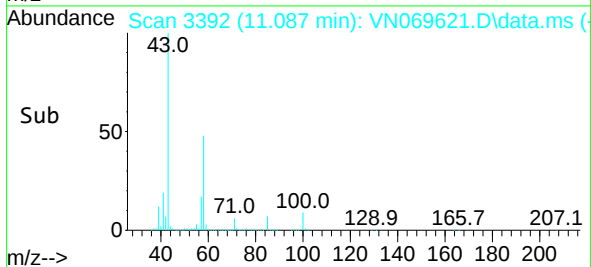
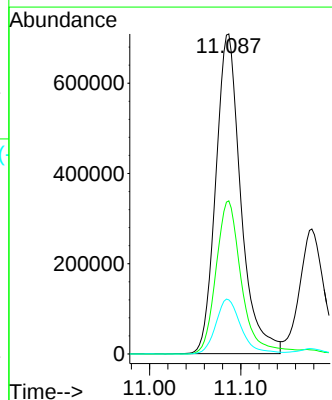
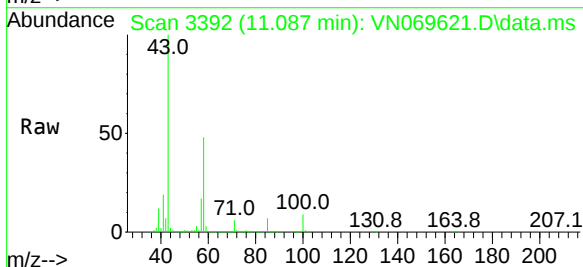
Instrument :
MSVOA_N
ClientSampleId :

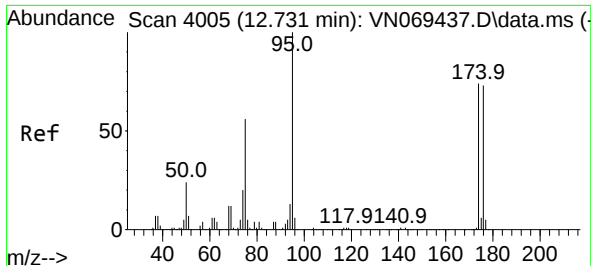
Tgt Ion: 43 Resp: 1919892
Ion Ratio Lower Upper
43 100
58 34.8 30.0 45.0
85 14.9 15.0 22.6#



#59
2-Hexanone
Concen: 97.018 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. 0.000 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

Tgt Ion: 43 Resp: 1354493
Ion Ratio Lower Upper
43 100
58 48.9 42.2 63.2
57 17.3 15.0 22.4

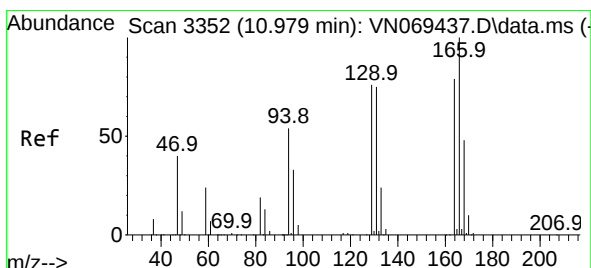
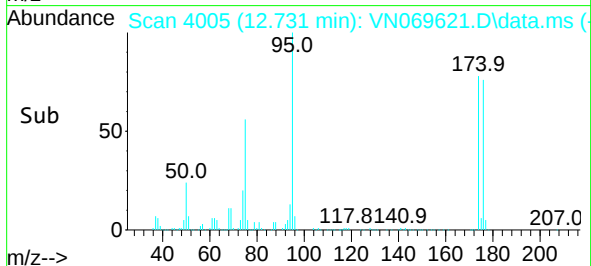
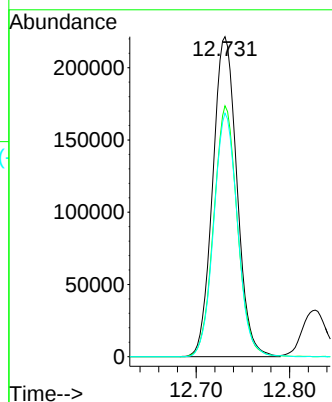
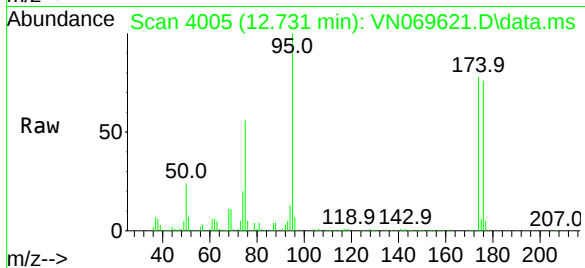




#60
4-Bromofluorobenzene
Concen: 29.823 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.002 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

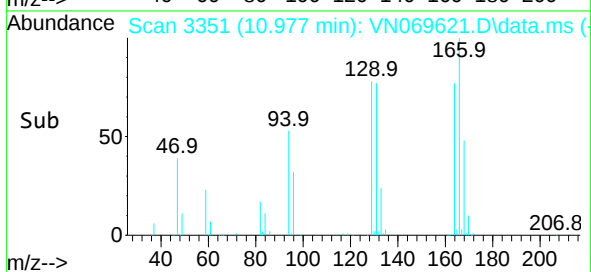
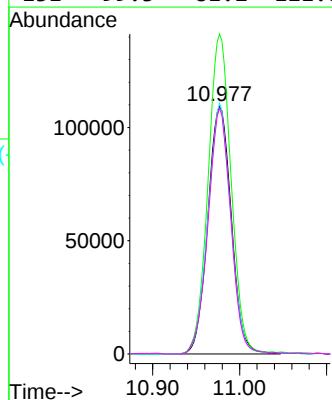
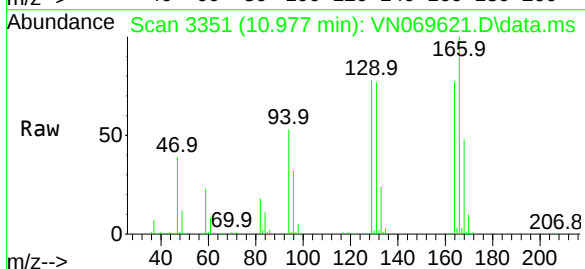
Instrument :
MSVOA_N
ClientSampleId :

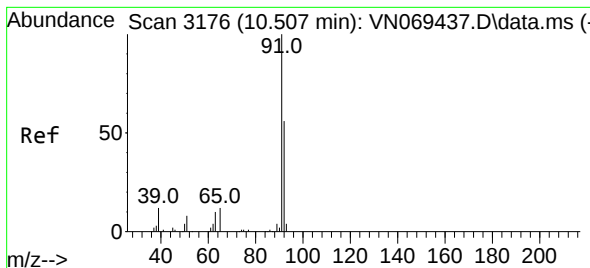
Tgt Ion: 95 Resp: 399053
Ion Ratio Lower Upper
95 100
174 76.5 62.9 94.3
176 74.7 61.0 91.4



#61
Tetrachloroethene
Concen: 22.842 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.002 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

Tgt Ion:164 Resp: 204990
Ion Ratio Lower Upper
164 100
166 129.0 105.8 158.8
129 101.3 82.5 123.7
131 99.3 81.2 121.8





#62

Toluene

Concen: 21.606 ug/l

RT: 10.505 min Scan# 3176

Delta R.T. -0.002 min

Lab File: VN069621.D

Acq: 23 Nov 2021 11:40

Instrument :

MSVOA_N

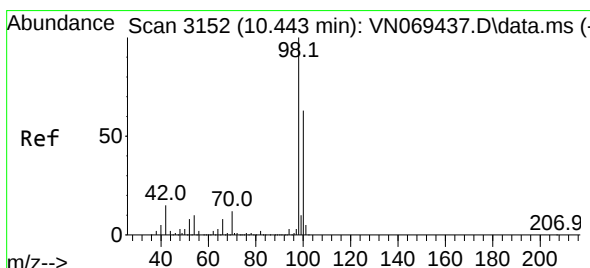
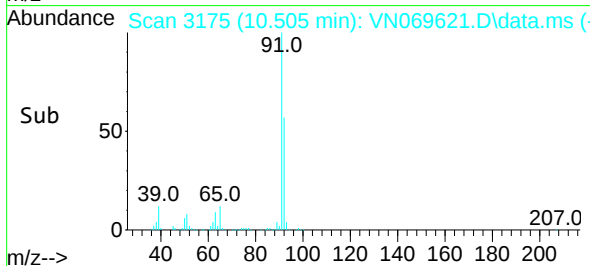
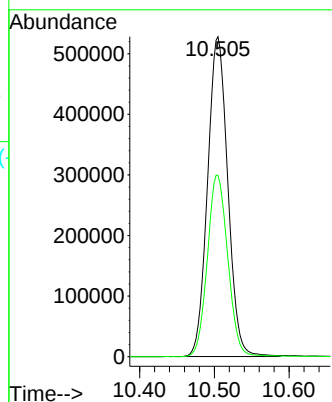
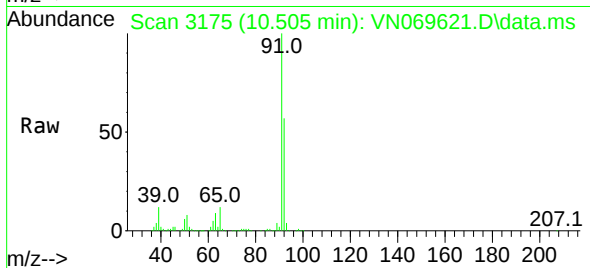
ClientSampleId :

Tgt Ion: 91 Resp: 992722

Ion Ratio Lower Upper

91 100

92 57.3 44.6 67.0



#63

Toluene-d8

Concen: 30.670 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. -0.002 min

Lab File: VN069621.D

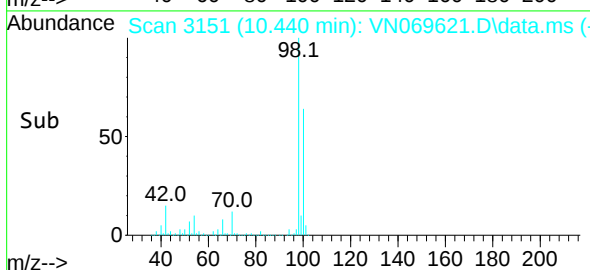
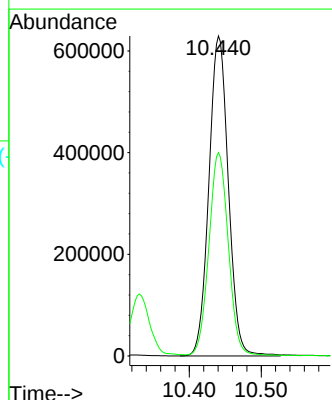
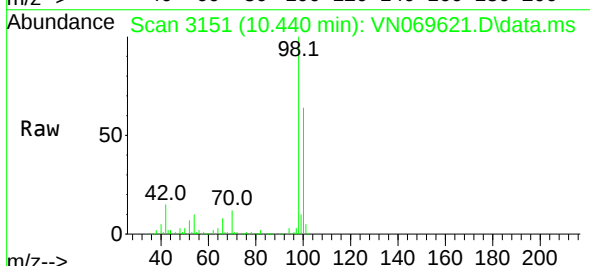
Acq: 23 Nov 2021 11:40

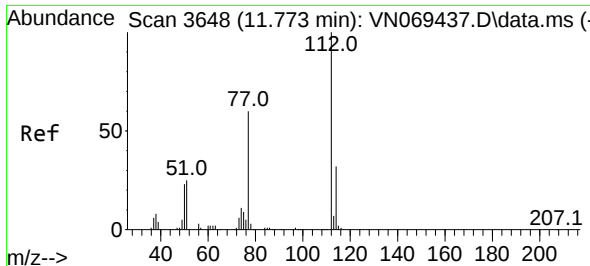
Tgt Ion: 98 Resp: 1184093

Ion Ratio Lower Upper

98 100

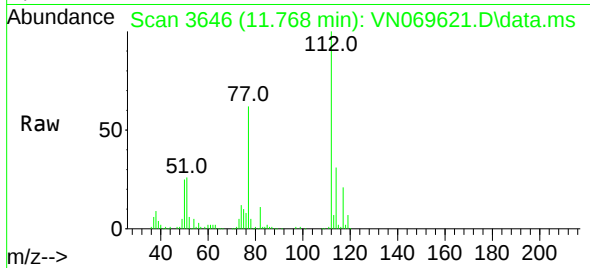
100 62.8 50.6 76.0



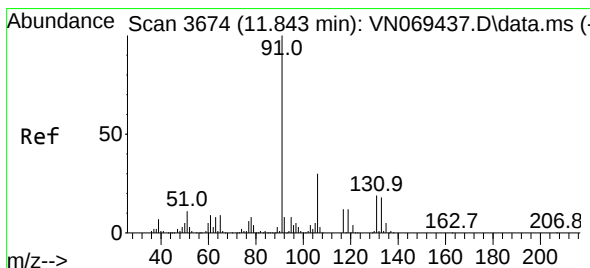
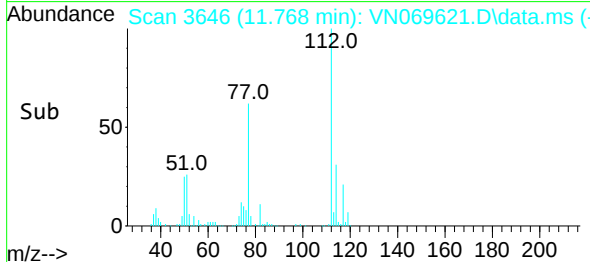
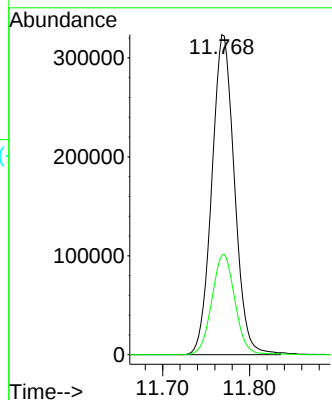


#64
Chlorobenzene
Concen: 21.204 ug/l
RT: 11.768 min Scan# 3646
Delta R.T. -0.005 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

Instrument :
MSVOA_N
ClientSampleId :

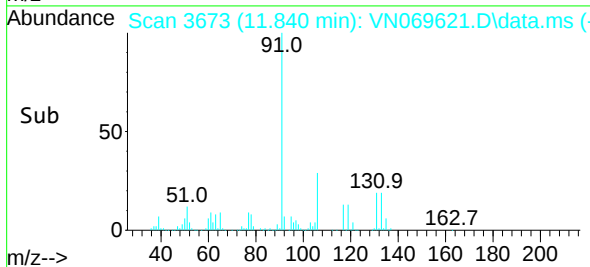
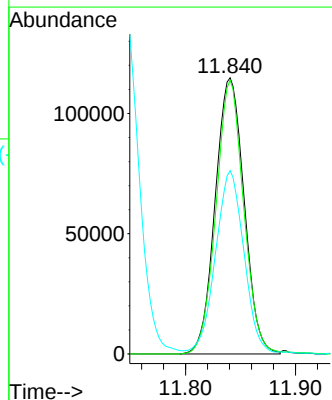
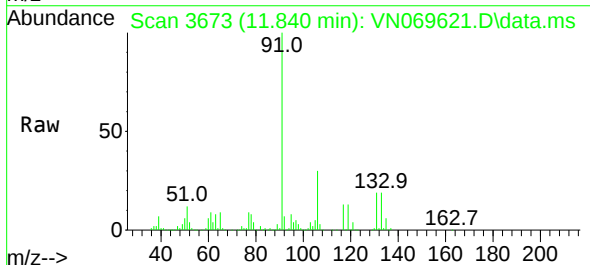


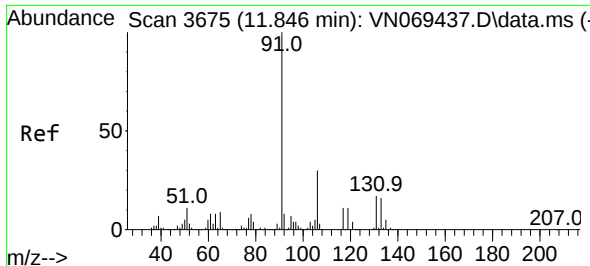
Tgt Ion:112 Resp: 584519
Ion Ratio Lower Upper
112 100
114 31.1 25.8 38.6



#65
1,1,1,2-Tetrachloroethane
Concen: 21.564 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.002 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

Tgt Ion:131 Resp: 209281
Ion Ratio Lower Upper
131 100
133 94.8 0.0 191.2
119 64.1 0.0 128.8

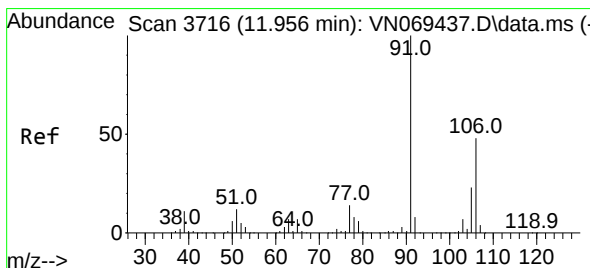
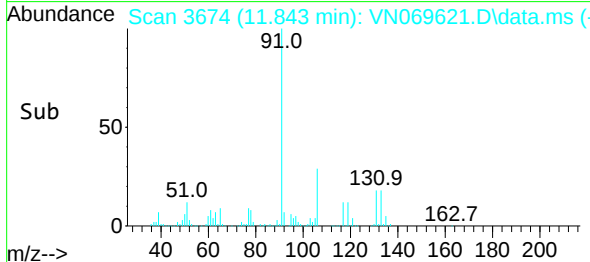
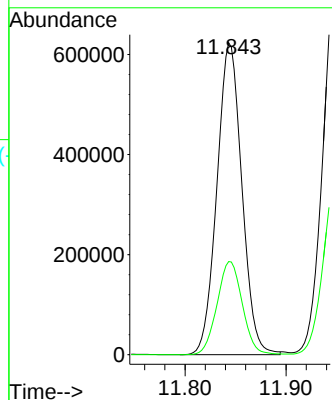
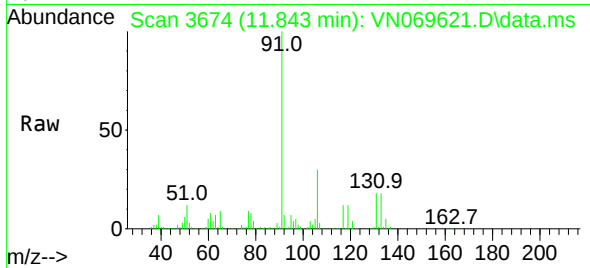




#66
Ethyl Benzene
Concen: 20.989 ug/l
RT: 11.843 min Scan# 30
Delta R.T. -0.005 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

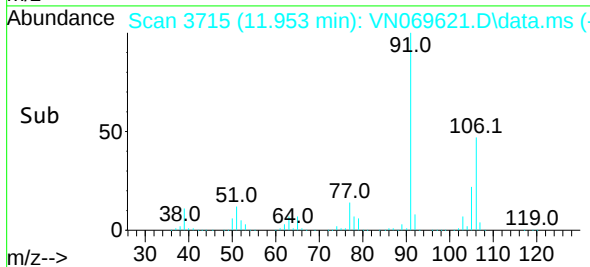
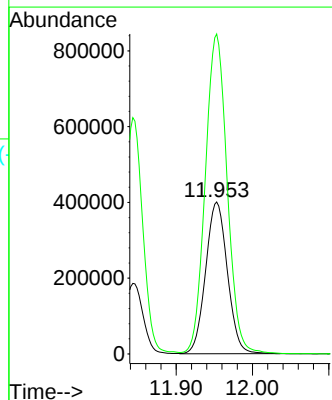
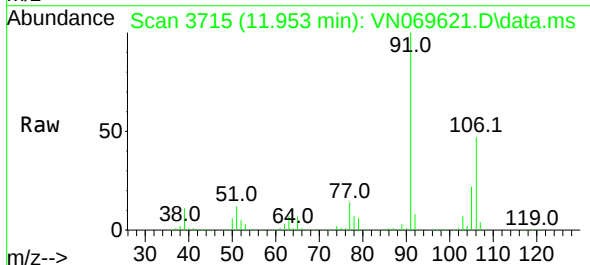
Instrument :
MSVOA_N
ClientSampleId :

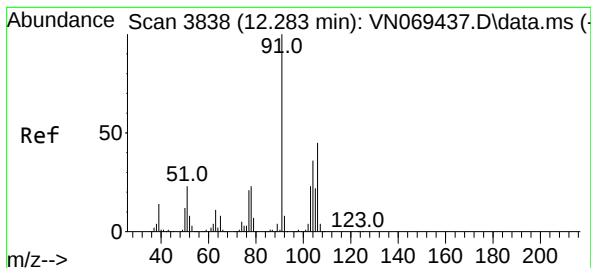
Tgt Ion: 91 Resp: 1067444
Ion Ratio Lower Upper
91 100
106 29.9 24.0 36.0



#67
m/p-Xylenes
Concen: 42.112 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. -0.002 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

Tgt Ion:106 Resp: 795475
Ion Ratio Lower Upper
106 100
91 212.2 162.9 244.3





#68

o-Xylene

Concen: 20.675 ug/l

RT: 12.280 min Scan# 3837

Delta R.T. -0.002 min

Lab File: VN069621.D

Acq: 23 Nov 2021 11:40

Instrument :

MSVOA_N

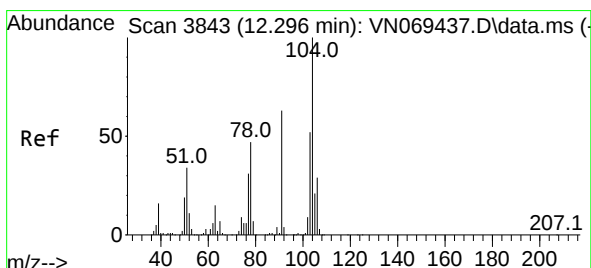
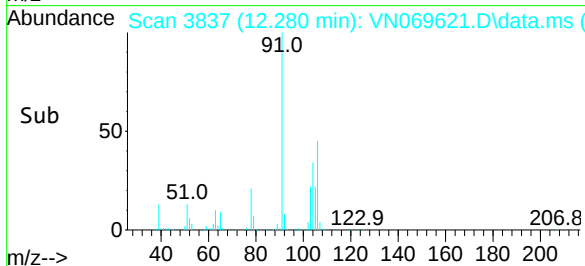
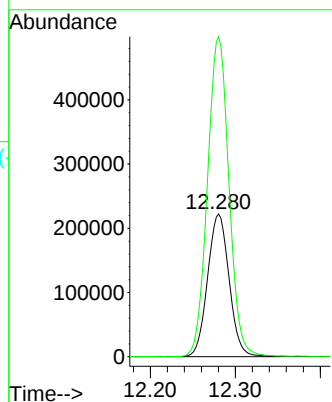
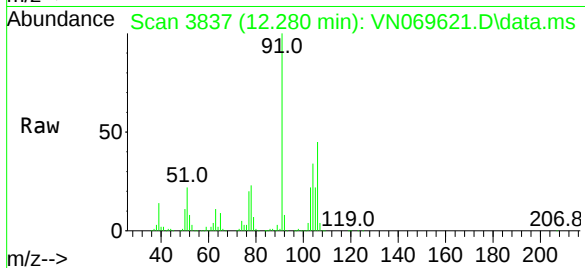
ClientSampleId :

Tgt Ion:106 Resp: 391036

Ion Ratio Lower Upper

106 100

91 224.1 107.7 323.1



#69

Styrene

Concen: 20.281 ug/l

RT: 12.294 min Scan# 3842

Delta R.T. -0.002 min

Lab File: VN069621.D

Acq: 23 Nov 2021 11:40

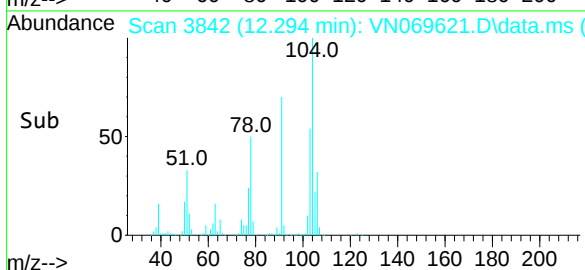
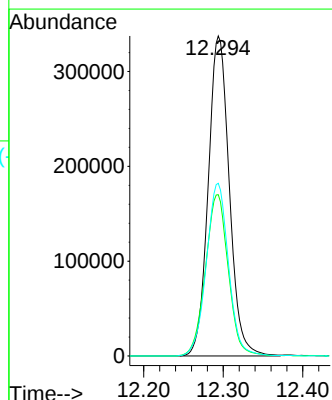
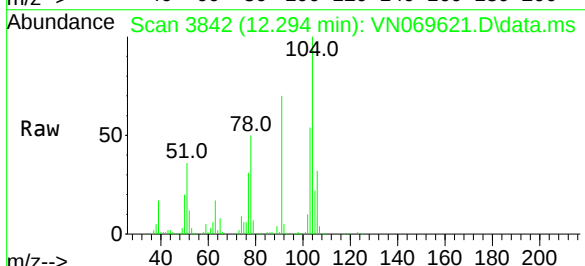
Tgt Ion:104 Resp: 621882

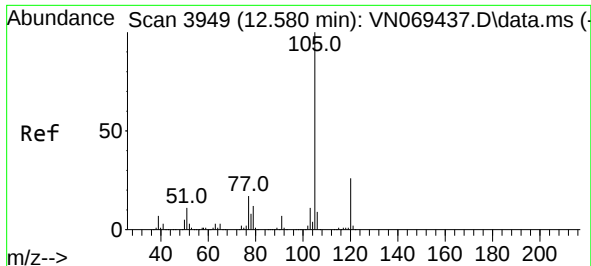
Ion Ratio Lower Upper

104 100

78 54.6 40.7 61.1

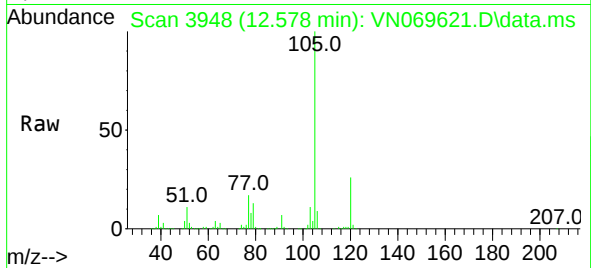
103 56.8 45.8 68.8



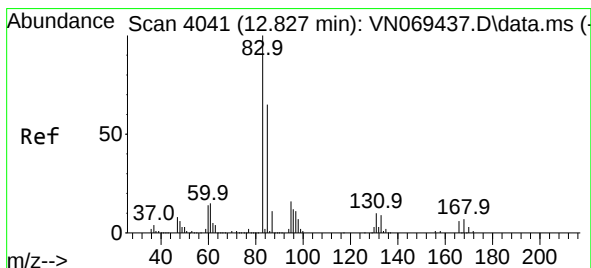
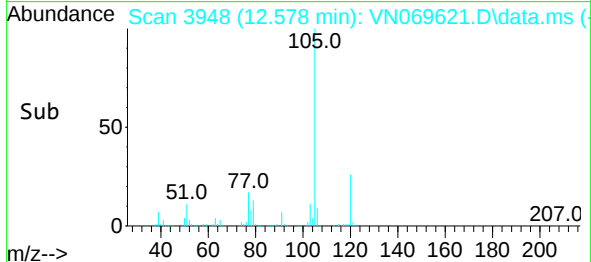
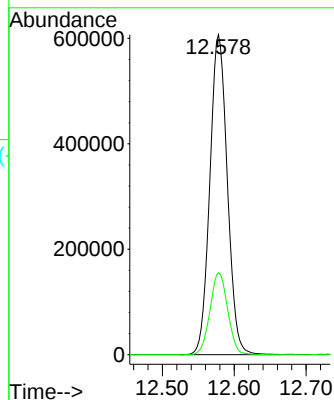


#70
Isopropylbenzene
Concen: 20.765 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.002 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

Instrument :
MSVOA_N
ClientSampleId :

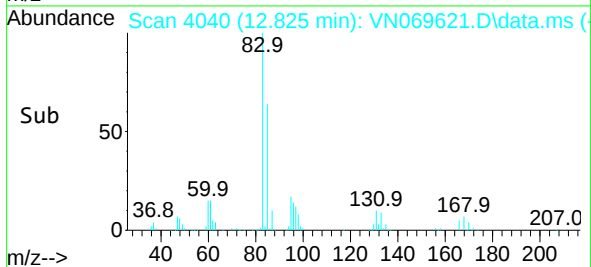
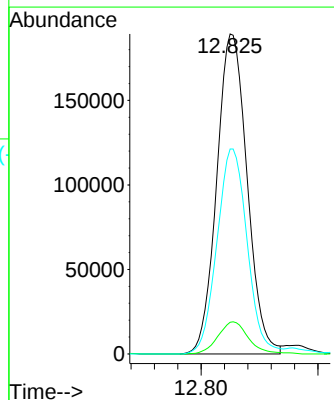
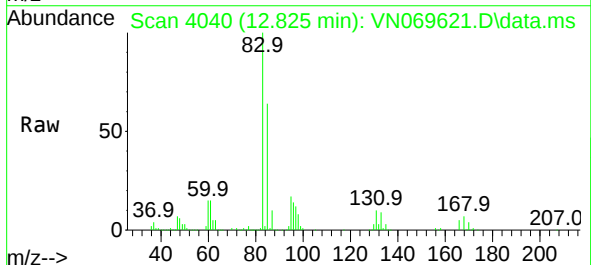


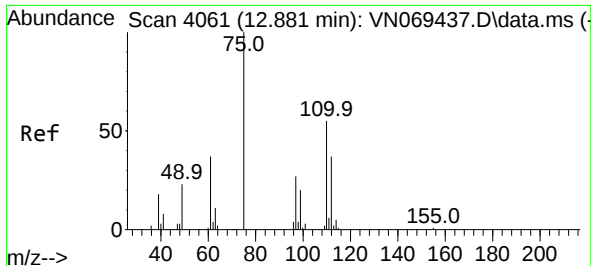
Tgt Ion:105 Resp: 1027095
Ion Ratio Lower Upper
105 100
120 25.9 18.3 34.1



#71
1,1,2,2-Tetrachloroethane
Concen: 20.952 ug/l
RT: 12.825 min Scan# 4040
Delta R.T. -0.005 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

Tgt Ion: 83 Resp: 341974
Ion Ratio Lower Upper
83 100
131 10.2 5.1 15.3
85 63.6 33.1 99.2

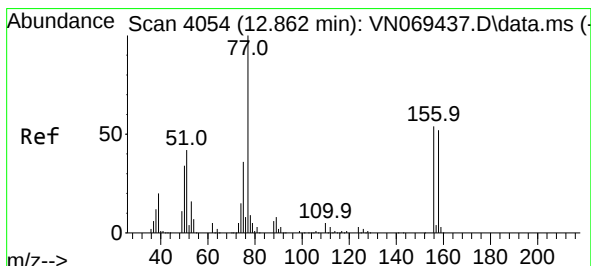
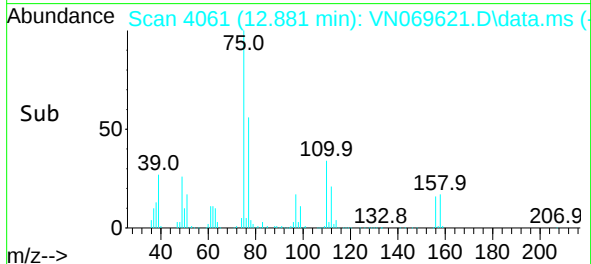
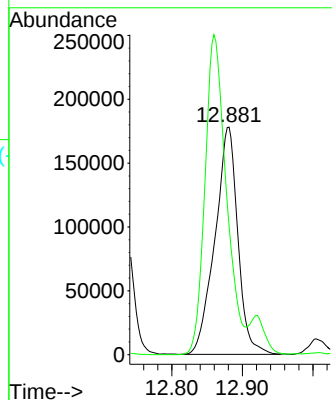
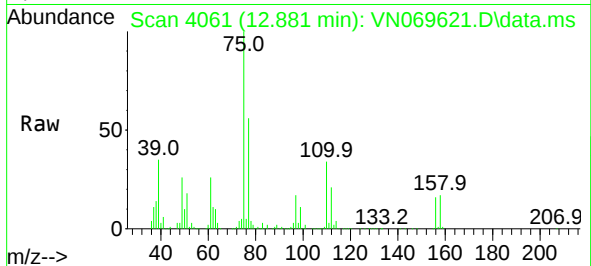




#72
1,2,3-Trichloropropane
Concen: 25.257 ug/l
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

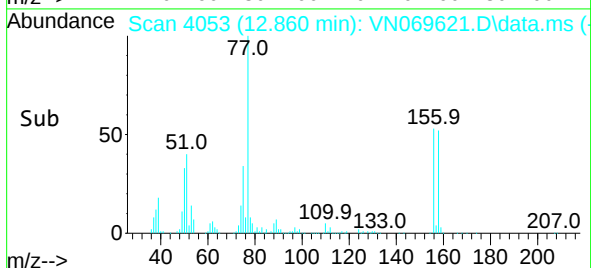
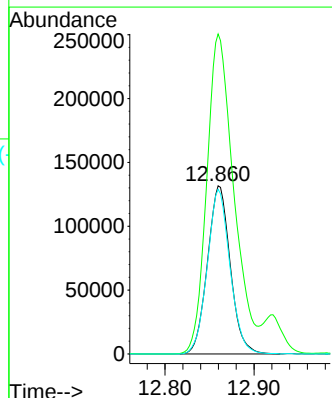
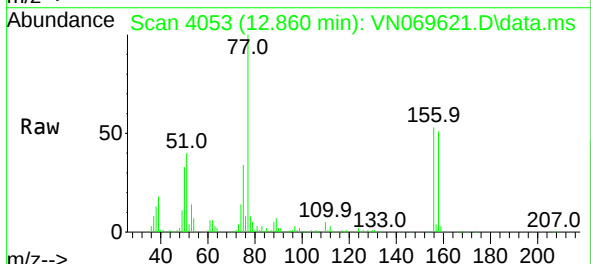
Instrument :
MSVOA_N
ClientSampleId :

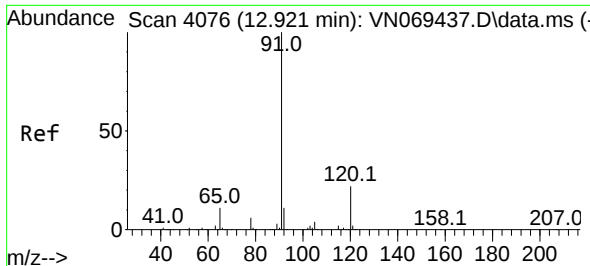
Tgt Ion: 75 Resp: 401585
Ion Ratio Lower Upper
75 100
77 131.1 0.0 378.0



#73
Bromobenzene
Concen: 20.538 ug/l
RT: 12.860 min Scan# 4053
Delta R.T. -0.002 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

Tgt Ion:156 Resp: 234178
Ion Ratio Lower Upper
156 100
77 224.9 0.0 416.0
158 97.5 0.0 195.4

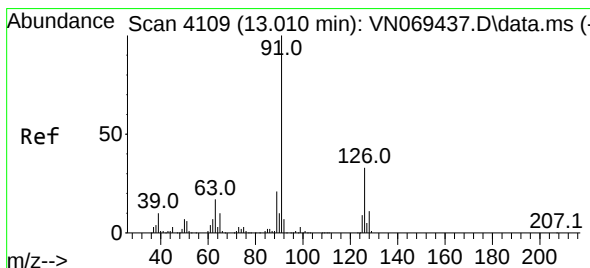
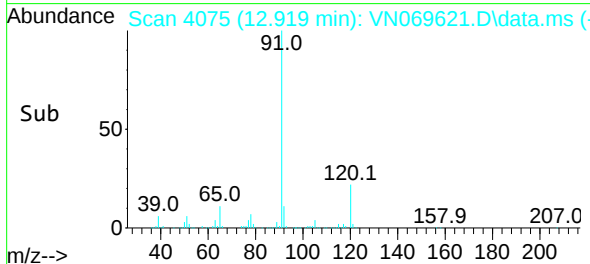
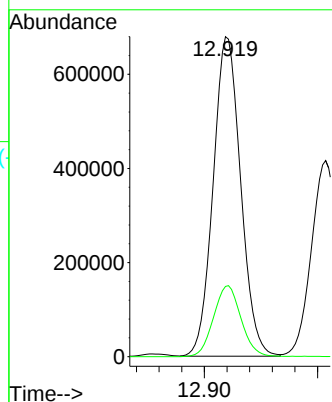
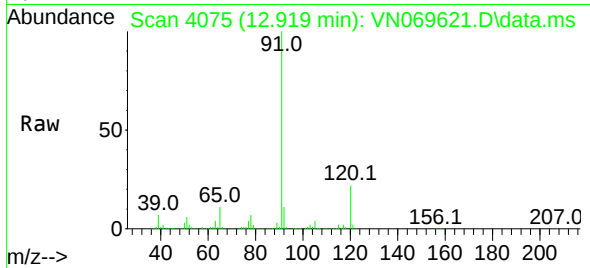




#74
n-propylbenzene
Concen: 20.124 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.002 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

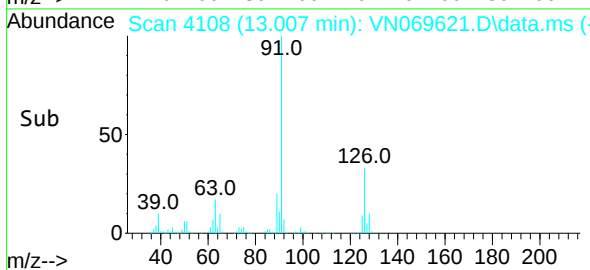
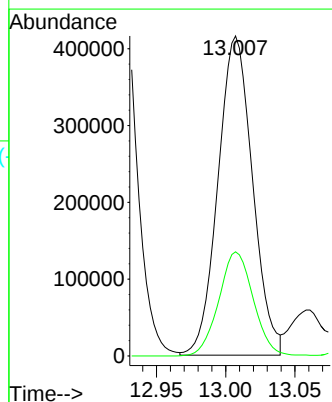
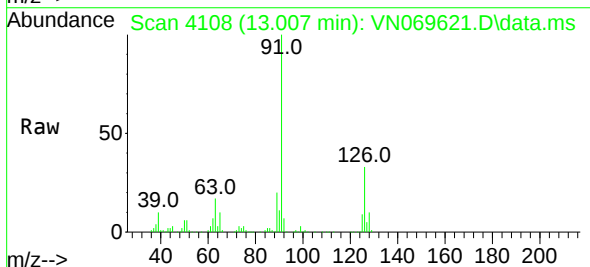
Instrument :
MSVOA_N
ClientSampleId :

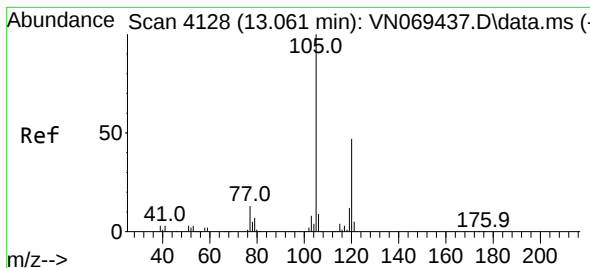
Tgt Ion: 91 Resp: 1143160
Ion Ratio Lower Upper
91 100
120 22.3 0.0 45.0



#75
2-Chlorotoluene
Concen: 20.871 ug/l
RT: 13.007 min Scan# 4108
Delta R.T. -0.002 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

Tgt Ion: 91 Resp: 721747
Ion Ratio Lower Upper
91 100
126 32.5 0.0 69.8





#76

1,3,5-Trimethylbenzene

Concen: 20.815 ug/l

RT: 13.058 min Scan# 41

Delta R.T. -0.002 min

Lab File: VN069621.D

Acq: 23 Nov 2021 11:40

Instrument :

MSVOA_N

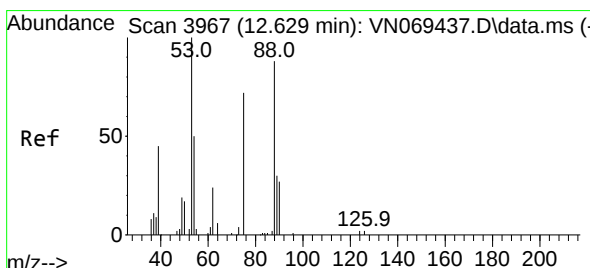
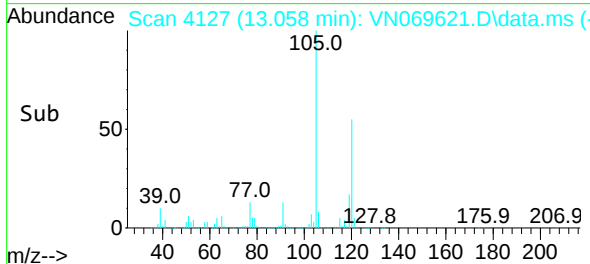
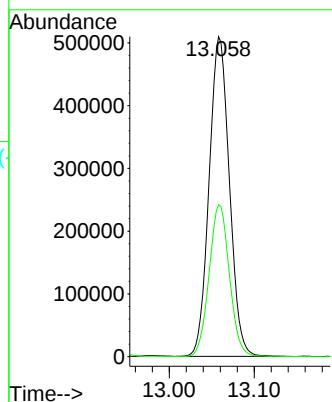
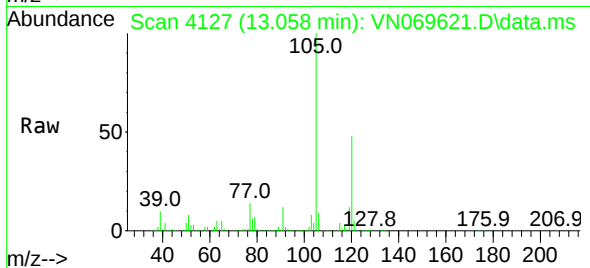
ClientSampleId :

Tgt Ion:105 Resp: 845042

Ion Ratio Lower Upper

105 100

120 47.4 0.0 93.8



#77

t-1,4-Dichloro-2-butene

Concen: 16.104 ug/l

RT: 12.626 min Scan# 3966

Delta R.T. -0.002 min

Lab File: VN069621.D

Acq: 23 Nov 2021 11:40

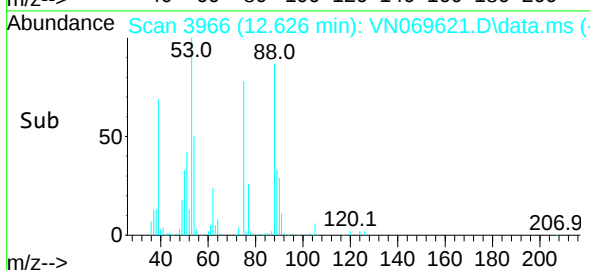
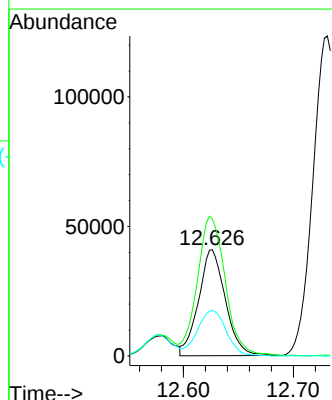
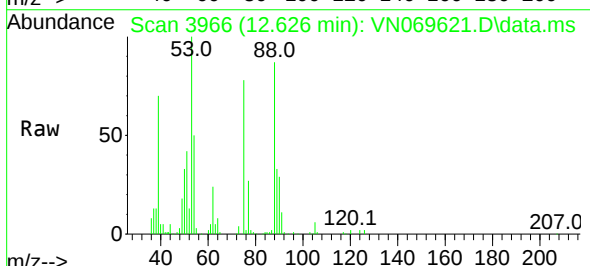
Tgt Ion: 75 Resp: 69119

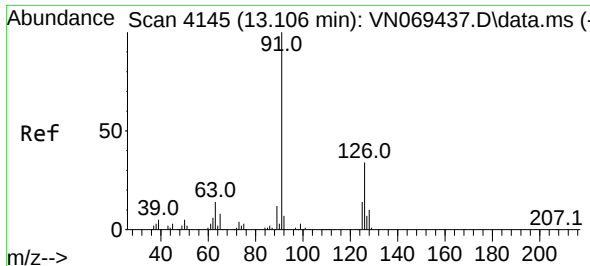
Ion Ratio Lower Upper

75 100

53 128.9 51.8 155.5

89 43.0 22.9 68.7

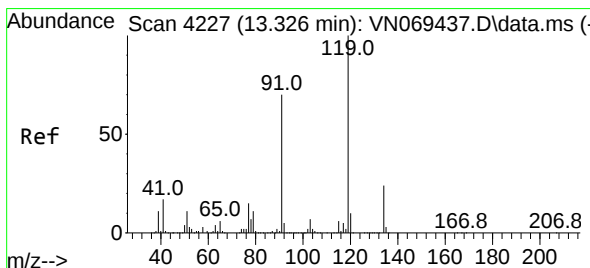
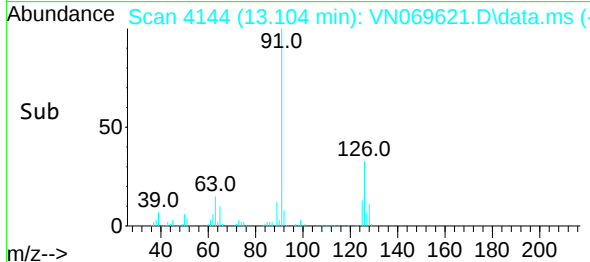
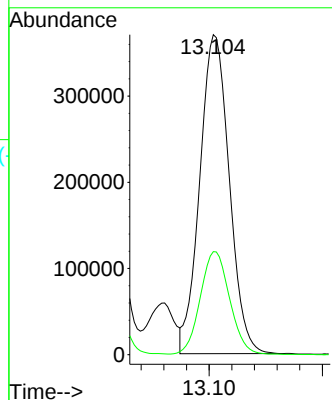
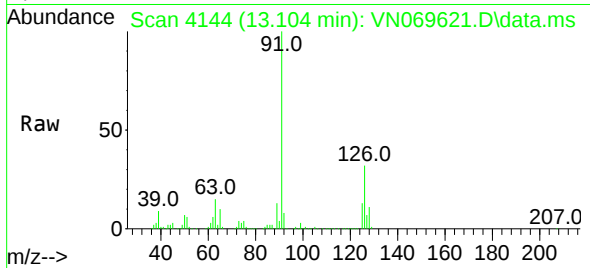




#78
4-Chlorotoluene
Concen: 20.162 ug/l
RT: 13.104 min Scan# 4145
Delta R.T. -0.002 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

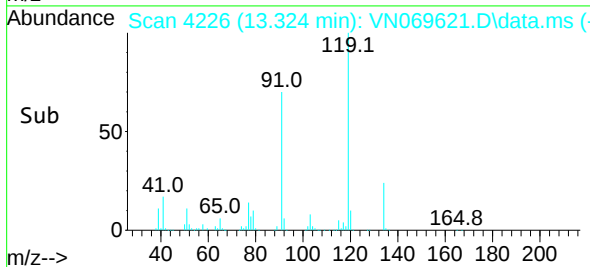
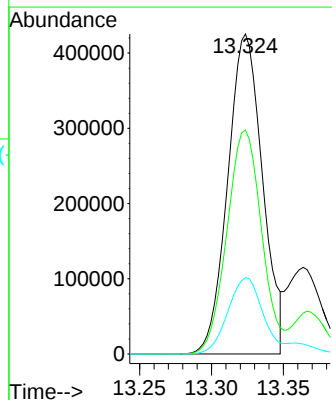
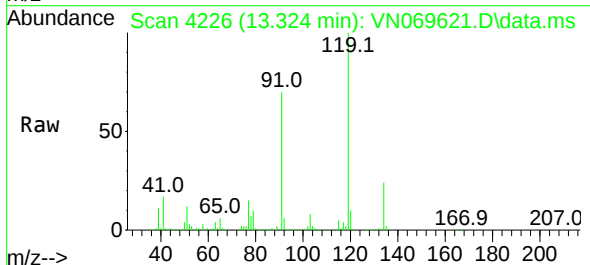
Instrument :
MSVOA_N
ClientSampleId :

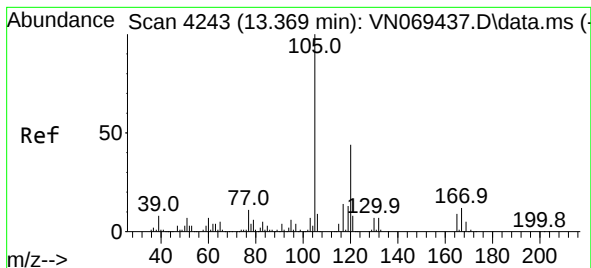
Tgt Ion: 91 Resp: 667684
Ion Ratio Lower Upper
91 100
126 31.9 0.0 70.6



#79
tert-butylbenzene
Concen: 20.042 ug/l
RT: 13.324 min Scan# 4226
Delta R.T. -0.002 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

Tgt Ion: 119 Resp: 715759
Ion Ratio Lower Upper
119 100
91 70.1 0.0 137.0
134 24.0 0.0 47.6





#80

1,2,4-Trimethylbenzene

Concen: 25.010 ug/l

RT: 13.501 min Scan# 41

Delta R.T. 0.132 min

Lab File: VN069621.D

Acq: 23 Nov 2021 11:40

Instrument :

MSVOA_N

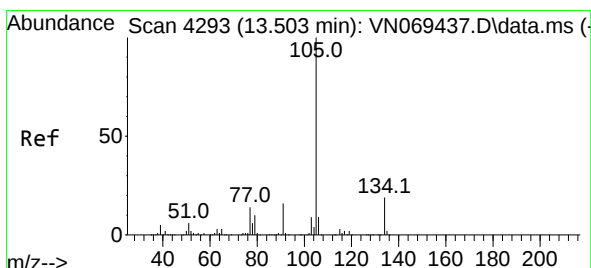
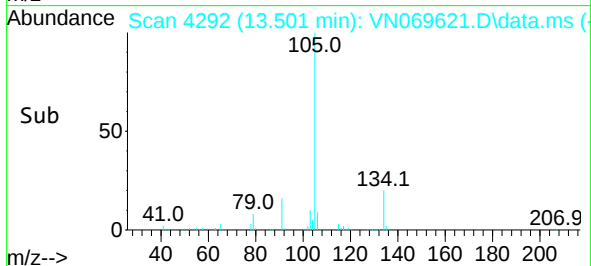
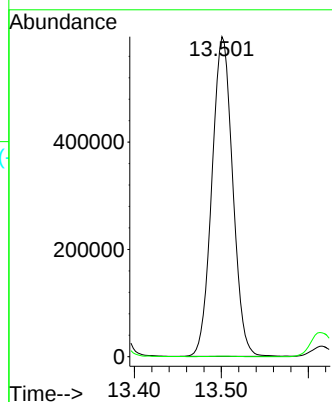
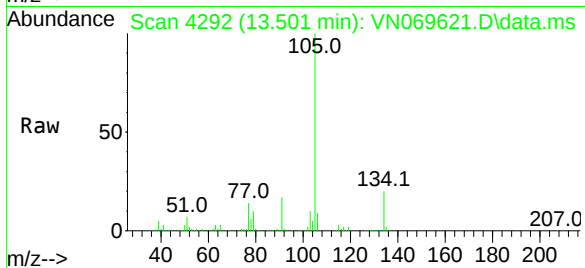
ClientSampleId :

Tgt Ion:105 Resp: 990464

Ion Ratio Lower Upper

105 100

120 0.2 0.0 0.2



#81

sec-Butylbenzene

Concen: 19.822 ug/l

RT: 13.501 min Scan# 4292

Delta R.T. -0.002 min

Lab File: VN069621.D

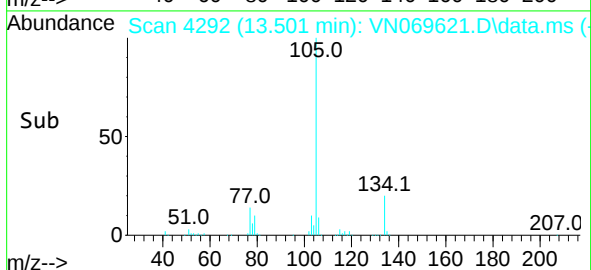
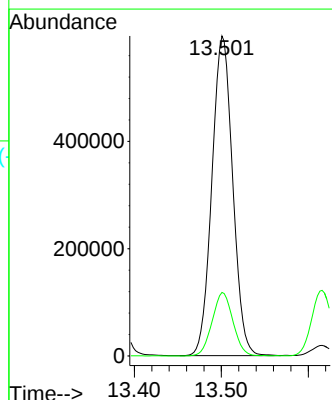
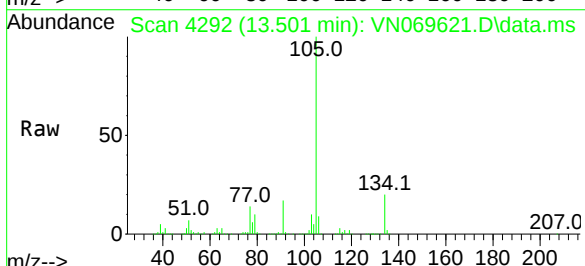
Acq: 23 Nov 2021 11:40

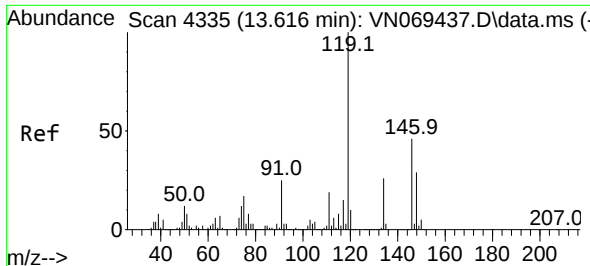
Tgt Ion:105 Resp: 990464

Ion Ratio Lower Upper

105 100

134 19.8 0.0 39.4

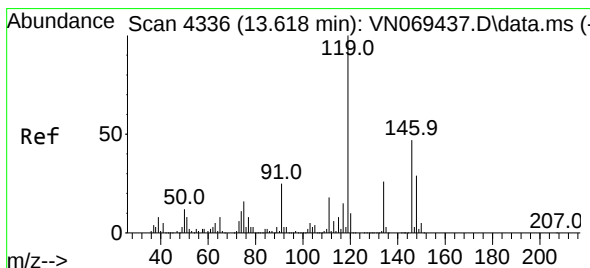
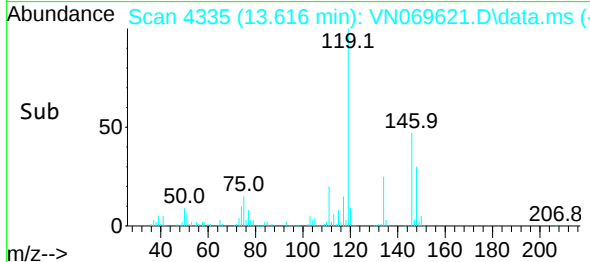
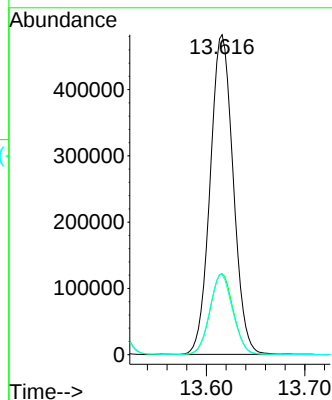
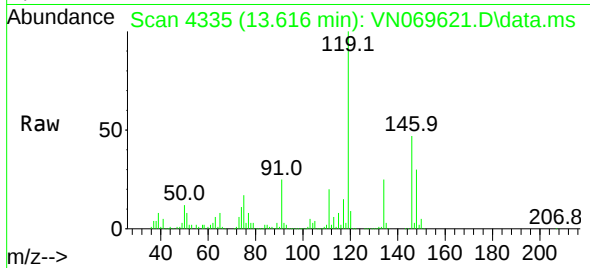




#82
 p-Isopropyltoluene
 Concen: 19.704 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. -0.002 min
 Lab File: VN069621.D
 Acq: 23 Nov 2021 11:40

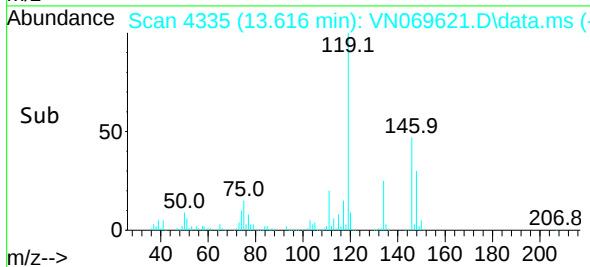
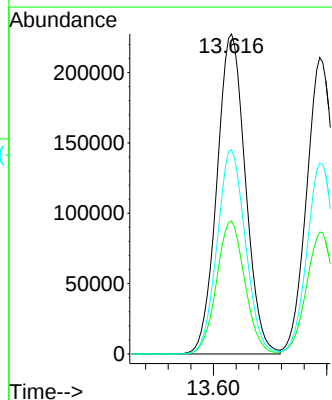
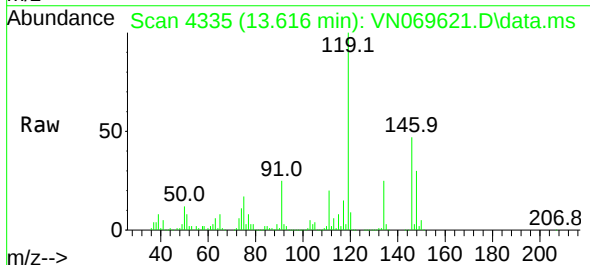
Instrument :
 MSVOA_N
 ClientSampleId :

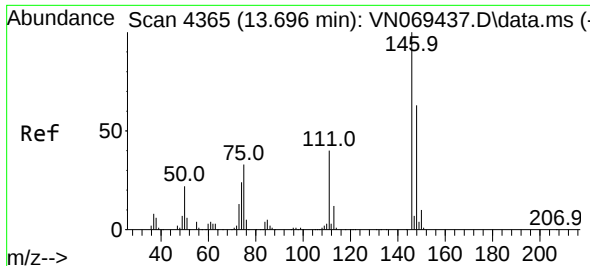
Tgt Ion:119 Resp: 785573
 Ion Ratio Lower Upper
 119 100
 134 25.5 0.0 51.8
 91 25.0 0.0 50.4



#83
 1,3-Dichlorobenzene
 Concen: 20.390 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. -0.002 min
 Lab File: VN069621.D
 Acq: 23 Nov 2021 11:40

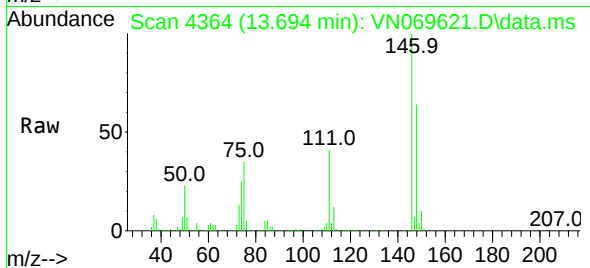
Tgt Ion:146 Resp: 397501
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.8 62.2
 148 63.5 31.4 94.3



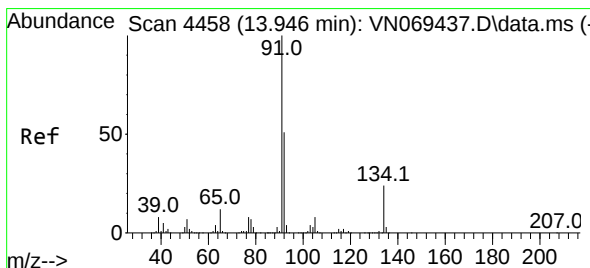
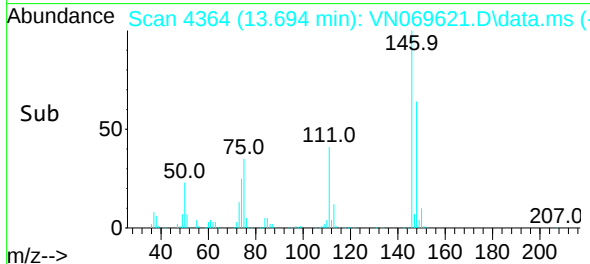
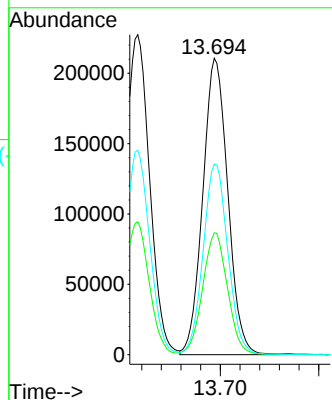


#84
1,4-Dichlorobenzene
Concen: 19.644 ug/l
RT: 13.694 min Scan# 41
Delta R.T. -0.002 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

Instrument :
MSVOA_N
ClientSampleId :

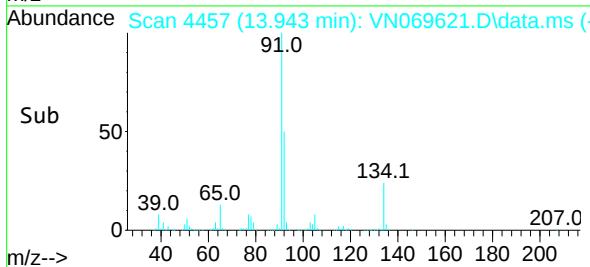
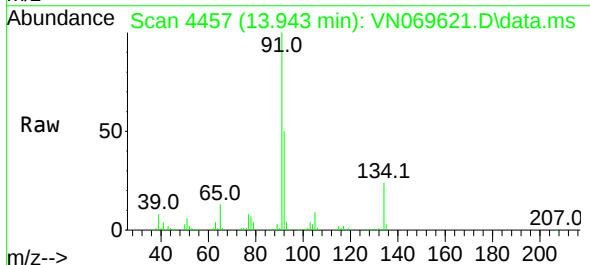
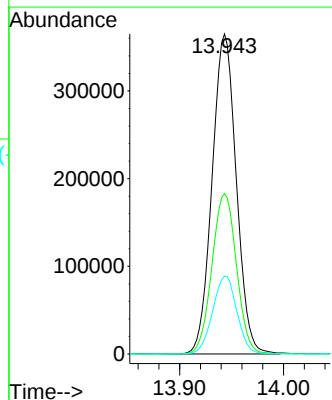


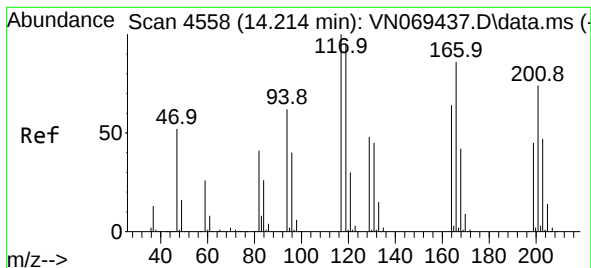
Tgt Ion:146 Resp: 371518
Ion Ratio Lower Upper
146 100
111 40.5 19.5 58.5
148 63.7 31.1 93.5



#85
n-Butylbenzene
Concen: 17.753 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

Tgt Ion: 91 Resp: 590743
Ion Ratio Lower Upper
91 100
92 50.8 0.0 100.6
134 24.4 0.0 50.2





#86

Hexachloroethane

Concen: 18.612 ug/l

RT: 14.211 min Scan# 4

Delta R.T. -0.002 min

Lab File: VN069621.D

Acq: 23 Nov 2021 11:40

Instrument :

MSVOA_N

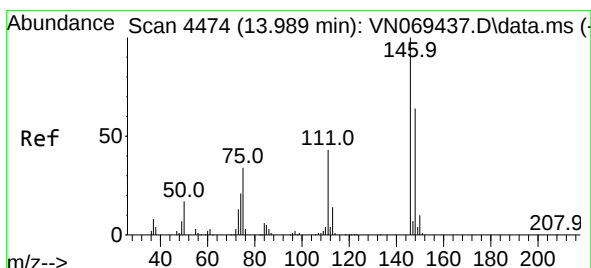
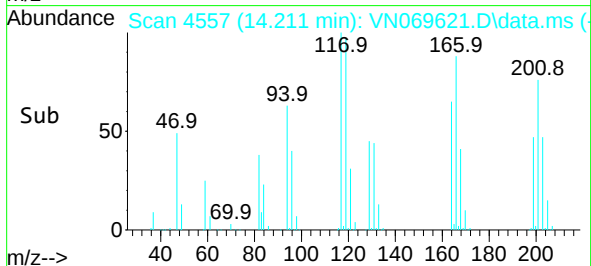
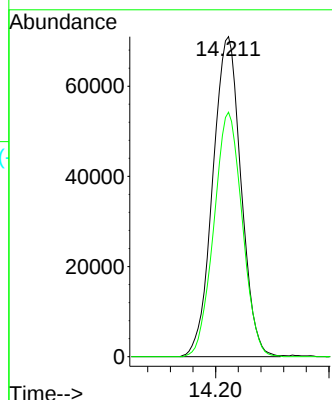
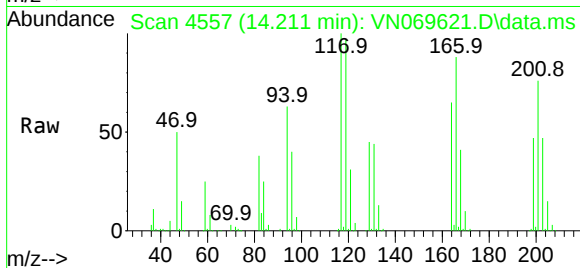
ClientSampleId :

Tgt Ion:117 Resp: 122810

Ion Ratio Lower Upper

117 100

201 76.8 33.3 99.8



#87

1,2-Dichlorobenzene

Concen: 20.170 ug/l

RT: 13.989 min Scan# 4474

Delta R.T. -0.002 min

Lab File: VN069621.D

Acq: 23 Nov 2021 11:40

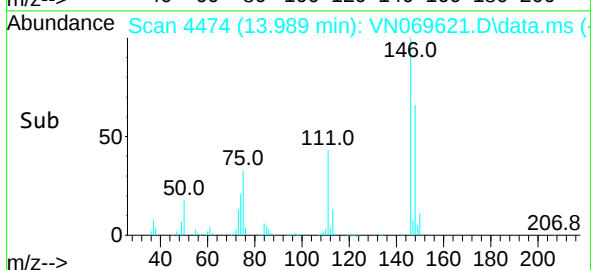
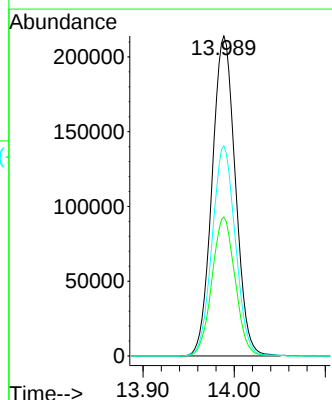
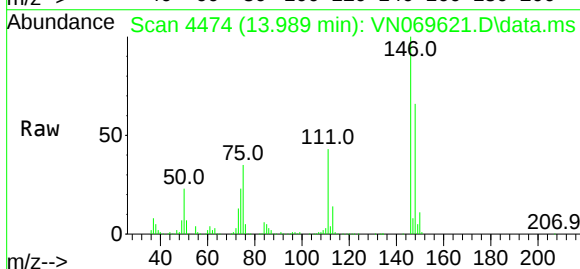
Tgt Ion:146 Resp: 379483

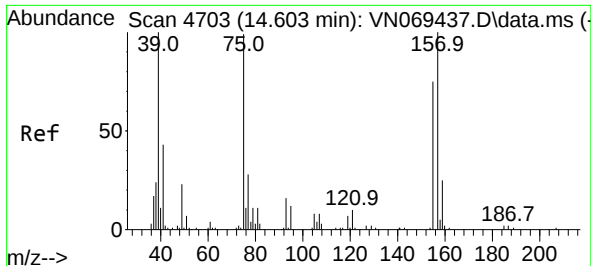
Ion Ratio Lower Upper

146 100

111 43.2 21.4 64.2

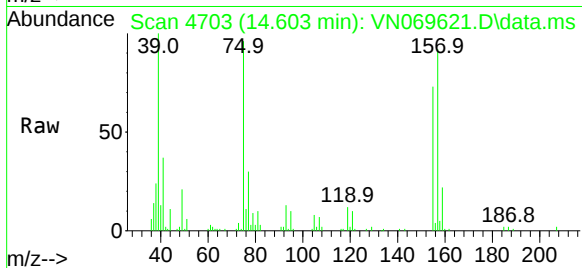
148 65.5 32.5 97.4



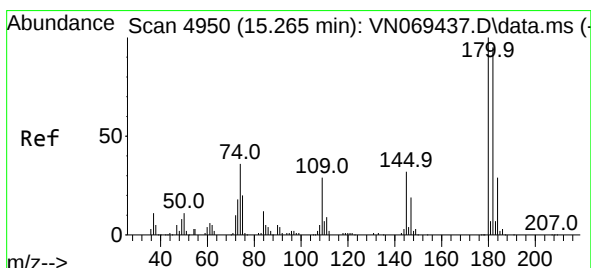
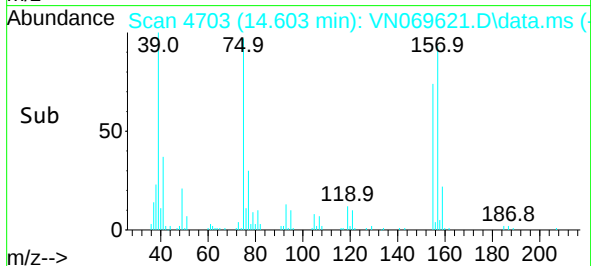
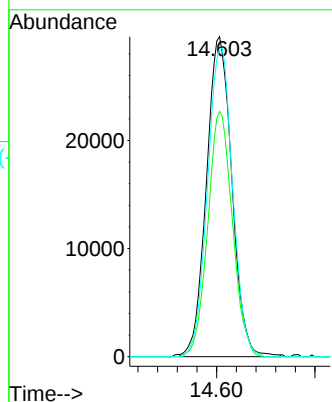


#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.633 ug/l
 RT: 14.603 min Scan# 41
 Delta R.T. -0.002 min
 Lab File: VN069621.D
 Acq: 23 Nov 2021 11:40

Instrument :
 MSVOA_N
 ClientSampleId :

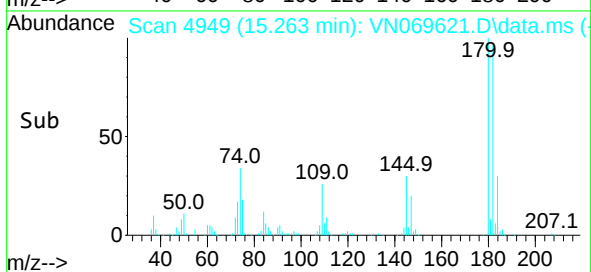
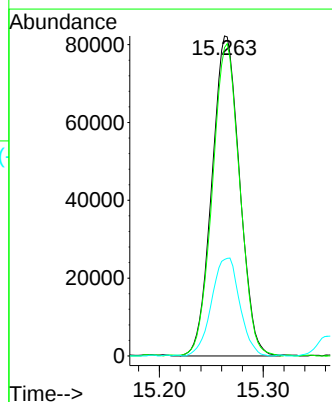
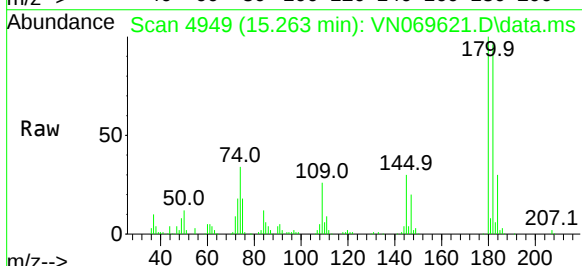


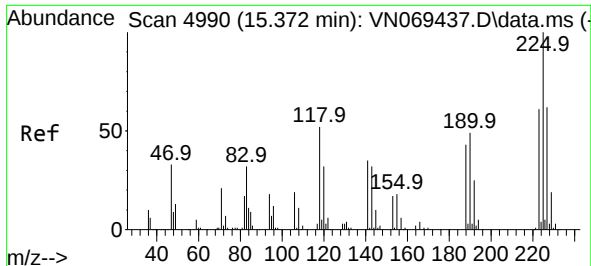
Tgt Ion: 75 Resp: 53238
 Ion Ratio Lower Upper
 75 100
 155 74.2 63.8 95.8
 157 95.3 77.9 116.9



#89
 1,2,4-Trichlorobenzene
 Concen: 16.879 ug/l
 RT: 15.263 min Scan# 4949
 Delta R.T. -0.002 min
 Lab File: VN069621.D
 Acq: 23 Nov 2021 11:40

Tgt Ion: 180 Resp: 152270
 Ion Ratio Lower Upper
 180 100
 182 96.2 77.7 116.5
 145 31.0 26.6 39.8

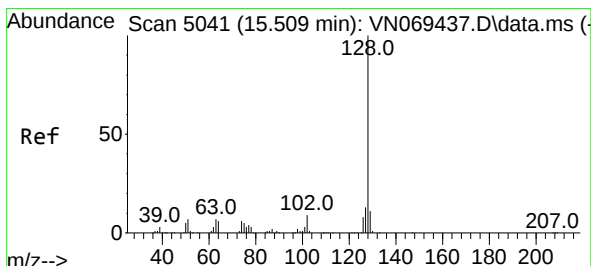
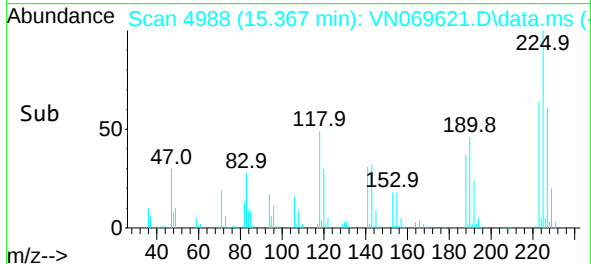
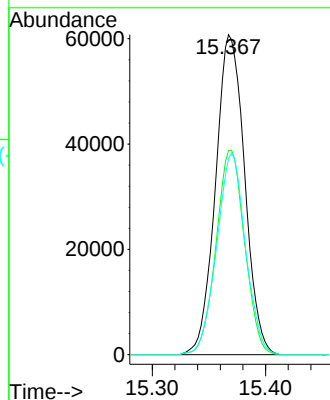
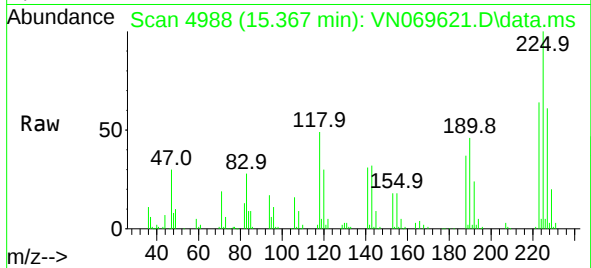




#90
Hexachlorobutadiene
Concen: 22.219 ug/l
RT: 15.367 min Scan# 4990
Delta R.T. -0.005 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

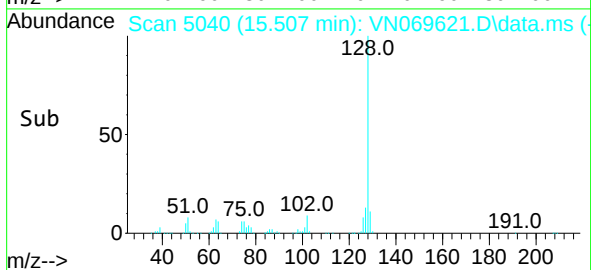
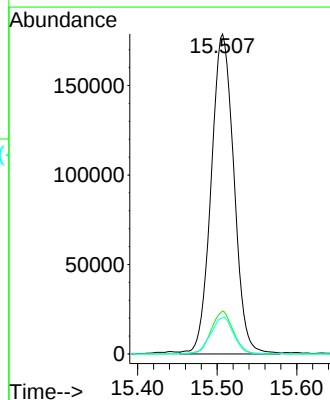
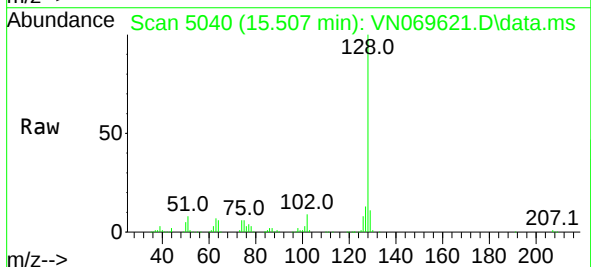
Instrument :
MSVOA_N
ClientSampleId :

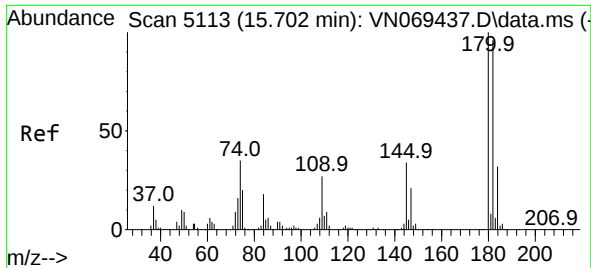
Tgt Ion:225 Resp: 108390
Ion Ratio Lower Upper
225 100
223 62.6 0.0 126.8
227 62.2 0.0 123.0



#91
Naphthalene
Concen: 13.678 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. 0.000 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

Tgt Ion:128 Resp: 355466
Ion Ratio Lower Upper
128 100
127 13.0 10.7 16.1
129 11.6 9.0 13.6





#92

1,2,3-Trichlorobenzene

Concen: 16.455 ug/l

RT: 15.700 min Scan# 51

Delta R.T. -0.002 min

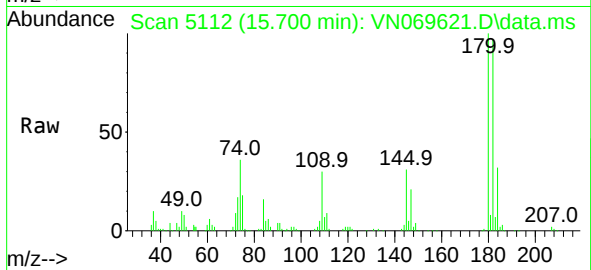
Lab File: VN069621.D

Acq: 23 Nov 2021 11:40

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:180 Resp: 145932

Ion Ratio Lower Upper

180 100

182 96.7 0.0 190.0

145 31.9 0.0 67.8

