

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102221\
 Data File : VN069137.D
 Acq On : 22 Oct 2021 16:05
 Operator : JC/MD
 Sample : VN1022WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 23 07:54:59 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	65246	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	390380	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.746	117	357121	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	156016	30.700	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 102.333%	
60) 4-Bromofluorobenzene	12.733	95	182652	29.828	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 99.433%	
63) Toluene-d8	10.443	98	489462	30.336	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 101.133%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.075	85	101507	23.529	ug/l	99
3) Chloromethane	2.303	50	103589	23.096	ug/l	99
4) Vinyl Chloride	2.445	62	120473	22.534	ug/l	99
5) Bromomethane	2.861	94	82126	23.421	ug/l	100
6) Chloroethane	3.019	64	77466	22.353	ug/l	100
7) Trichlorofluoromethane	3.376	101	161747	23.363	ug/l	98
8) Diethyl Ether	3.829	74	56305	22.970	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.215	101	87996	23.396	ug/l #	70
10) 1,1-Dichloroethene	4.189	96	83668	22.800	ug/l	98
11) Methyl Iodide	4.427	142	108815	21.089	ug/l	96
12) Methyl Acetate	4.856	43	157365	22.517	ug/l	98
13) Acrolein	4.047	56	40276	95.657	ug/l #	54
14) Acrylonitrile	5.556	53	219715	110.799	ug/l	100
15) Acetone	4.288	58	64665	104.316	ug/l	98
16) Carbon Disulfide	4.537	76	217613	22.070	ug/l	99
17) Allyl chloride	4.848	41	139621	22.095	ug/l	92
18) Methylene Chloride	5.101	84	101282	23.227	ug/l	96
19) trans-1,2-Dichloroethene	5.602	96	90220	22.641	ug/l	93
20) Diisopropyl ether	6.498	45	302341	22.398	ug/l	95
21) 1,1-Dichloroethane	6.393	63	169626	22.514	ug/l	98
22) cis-1,2-Dichloroethene	7.327	96	109393	22.904	ug/l	100
23) tert-Butyl Alcohol	5.369	59	91261	112.166	ug/l #	100
24) Methyl tert-Butyl Ether	5.618	73	315387	22.660	ug/l	99
25) Chloroform	7.820	83	183323	22.770	ug/l	98
26) Cyclohexane	8.099	56	160520	23.131	ug/l #	98
29) 1,1-Dichloropropene	8.225	75	139483	22.704	ug/l	97
30) 2-Butanone	7.335	43	310994	105.424	ug/l	99
31) 2,2-Dichloropropane	7.329	77	159190	21.629	ug/l	100
32) 1,1,1-Trichloroethane	8.018	97	166074	21.726	ug/l	99
33) Carbon Tetrachloride	8.212	117	141787	21.837	ug/l	99
34) Benzene	8.464	78	403491	21.995	ug/l	99
35) Methacrylonitrile	7.638	41	66422	22.593	ug/l	97
36) 1,2-Dichloroethane	8.531	62	144664	21.850	ug/l	99
37) Trichloroethene	9.217	130	103269	22.138	ug/l	95
38) Methylcyclohexane	9.461	83	174311	22.287	ug/l	98
39) 1,2-Dichloropropane	9.491	63	103766	22.182	ug/l	98
40) Dibromomethane	9.579	93	72303	22.107	ug/l	97
41) Bromodichloromethane	9.764	83	143547	21.965	ug/l	95
42) Vinyl Acetate	6.436	43	1126206	106.993	ug/l	100

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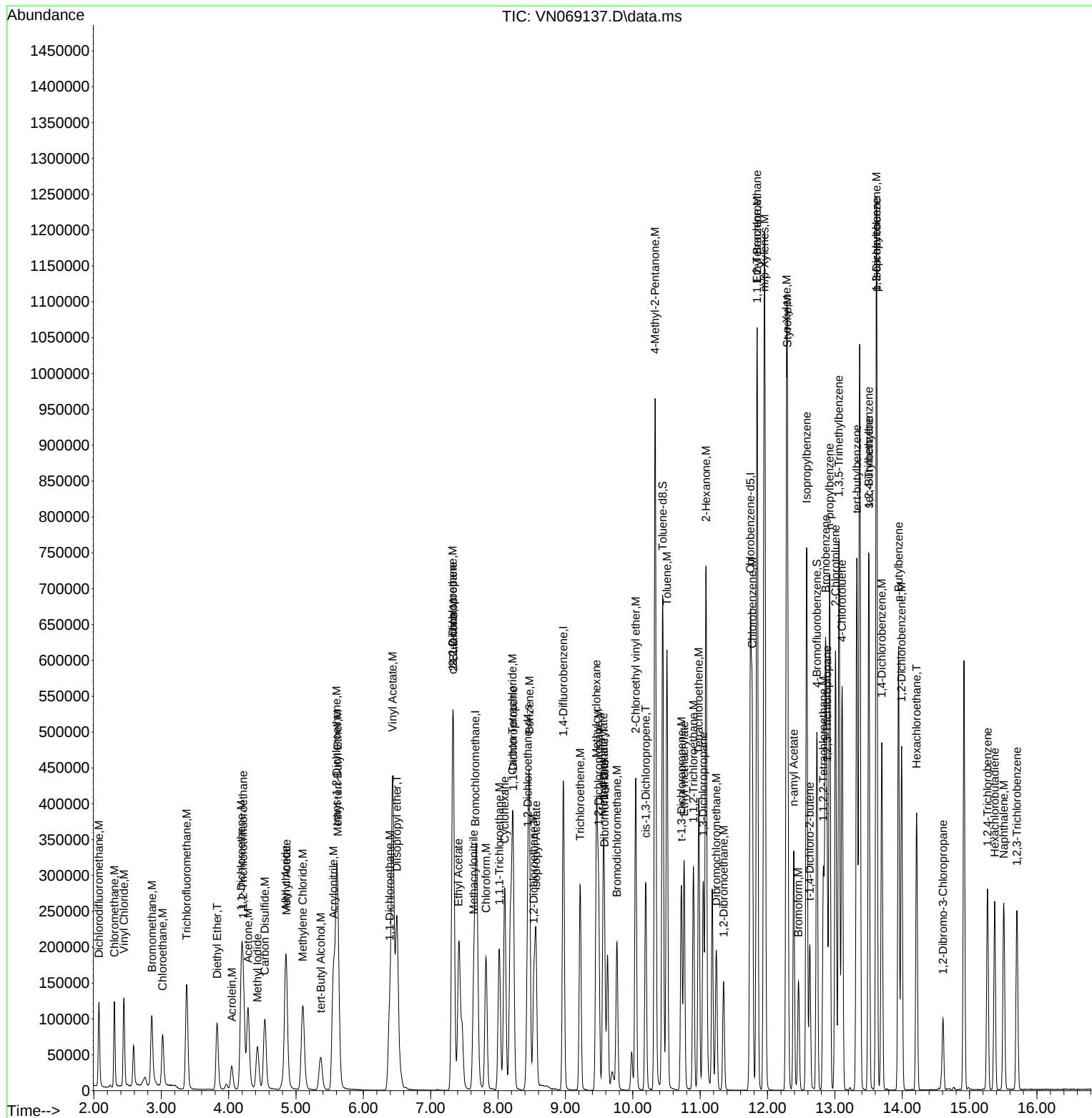
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.412	43	125393	21.791	ug/l	99
44) Isopropyl Acetate	8.563	43	230606	21.643	ug/l	100
45) 1,4-Dioxane	9.571	88	37406	438.651	ug/l	97
46) Methyl methacrylate	9.561	41	105485	21.901	ug/l	92
47) n-amyl Acetate	12.390	43	189040	20.898	ug/l	99
48) t-1,3-Dichloropropene	10.722	75	161970	21.427	ug/l	98
49) cis-1,3-Dichloropropene	10.191	75	169414	21.522	ug/l	96
50) 1,1,2-Trichloroethane	10.899	97	103145	21.974	ug/l	96
51) Ethyl methacrylate	10.762	69	166893	21.569	ug/l	92
52) 1,3-Dichloropropane	11.046	76	173590	21.981	ug/l	99
53) Dibromochloromethane	11.240	129	107224	21.398	ug/l	100
54) 1,2-Dibromoethane	11.347	107	106896	21.785	ug/l	97
55) 2-Chloroethyl vinyl ether	10.043	63	197371	80.342	ug/l	99
56) Bromoform	12.460	173	74204	20.544	ug/l #	99
58) 4-Methyl-2-Pentanone	10.330	43	666260	110.586	ug/l	98
59) 2-Hexanone	11.087	43	491547	108.038	ug/l	98
61) Tetrachloroethene	10.979	164	90301	23.266	ug/l	97
62) Toluene	10.507	91	468402	22.518	ug/l	98
64) Chlorobenzene	11.773	112	282373	22.383	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.843	131	104451	22.254	ug/l	99
66) Ethyl Benzene	11.846	91	528786	22.611	ug/l	98
67) m/p-Xylenes	11.956	106	398753	45.341	ug/l	96
68) o-Xylene	12.283	106	195530	22.204	ug/l	96
69) Styrene	12.296	104	323546	22.171	ug/l	98
70) Isopropylbenzene	12.581	105	523558	22.678	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.830	83	150597	22.256	ug/l	99
72) 1,2,3-Trichloropropane	12.884	75	191364	32.913	ug/l	62
73) Bromobenzene	12.862	156	118778	22.698	ug/l	97
74) n-propylbenzene	12.921	91	598842	22.587	ug/l	100
75) 2-Chlorotoluene	13.010	91	363308	22.379	ug/l	96
76) 1,3,5-Trimethylbenzene	13.061	105	437767	22.751	ug/l	100
77) t-1,4-Dichloro-2-butene	12.629	75	46032	20.244	ug/l	97
78) 4-Chlorotoluene	13.106	91	355965	22.373	ug/l	95
79) tert-butylbenzene	13.326	119	377052	22.317	ug/l	99
80) 1,2,4-Trimethylbenzene	13.503	105	533855	28.263	ug/l	100
81) sec-Butylbenzene	13.503	105	533855	22.572	ug/l	99
82) p-Isopropyltoluene	13.618	119	429633	22.270	ug/l	99
83) 1,3-Dichlorobenzene	13.618	146	207920	22.569	ug/l	98
84) 1,4-Dichlorobenzene	13.696	146	202014	22.519	ug/l	97
85) n-Butylbenzene	13.946	91	359451	22.278	ug/l	99
86) Hexachloroethane	14.214	117	77626	21.490	ug/l	91
87) 1,2-Dichlorobenzene	13.991	146	199322	22.644	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.605	75	26910	21.351	ug/l	98
89) 1,2,4-Trichlorobenzene	15.268	180	92200	20.774	ug/l	99
90) Hexachlorobutadiene	15.372	225	54774	23.605	ug/l	99
91) Naphthalene	15.507	128	244598	19.053	ug/l	99
92) 1,2,3-Trichlorobenzene	15.702	180	87071	20.528	ug/l	99

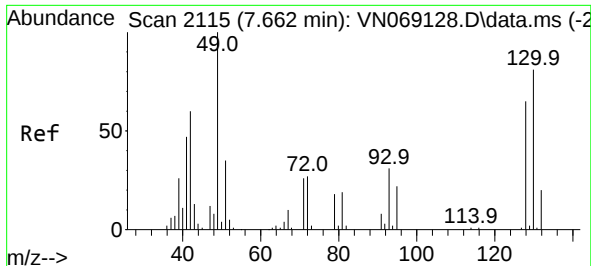
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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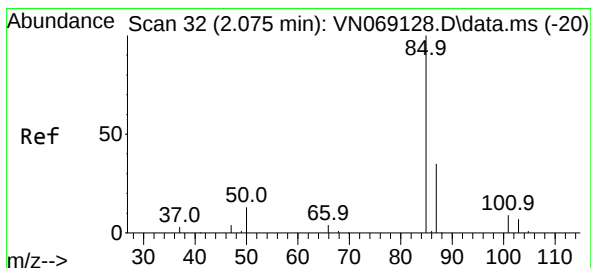
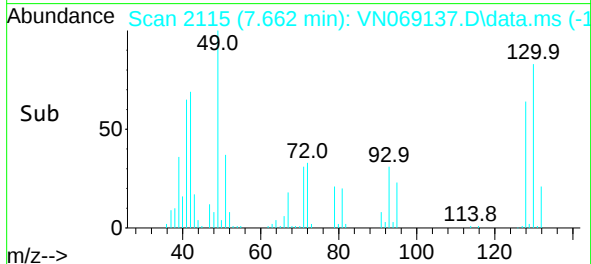
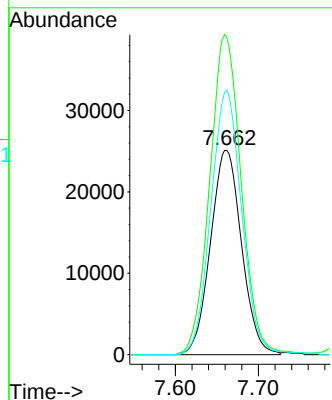
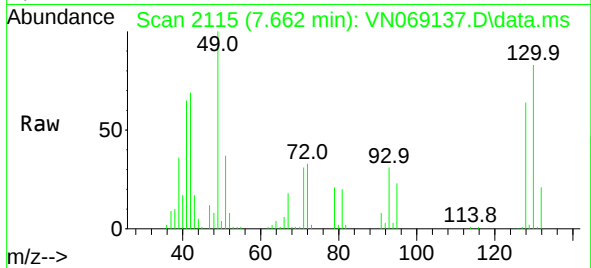




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.662 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VN069137.D
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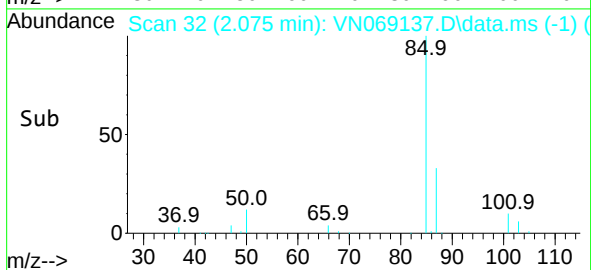
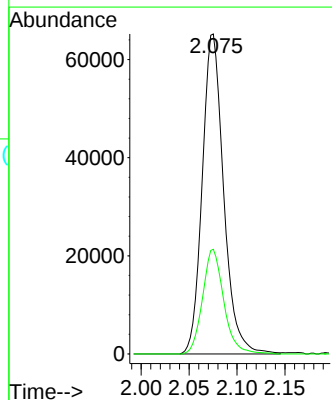
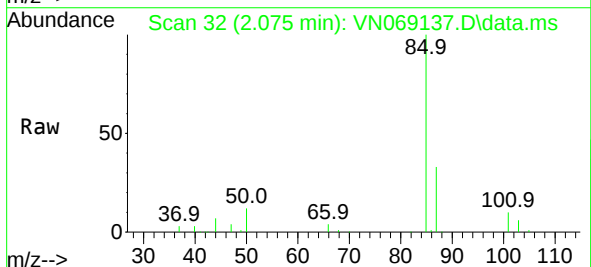
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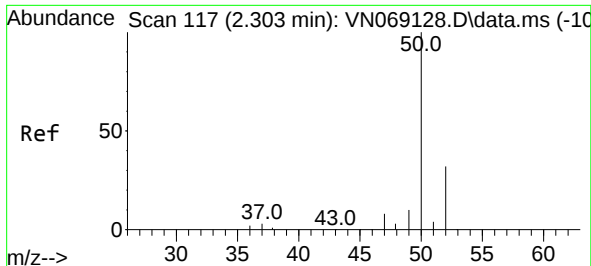
Tgt Ion:128 Resp: 65246
Ion Ratio Lower Upper
128 100
49 158.2 0.0 392.3
130 128.6 0.0 320.2



#2
Dichlorodifluoromethane
Concen: 23.529 ug/l
RT: 2.075 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN069137.D
Acq: 22 Oct 2021 16:05

Tgt Ion: 85 Resp: 101507
Ion Ratio Lower Upper
85 100
87 32.7 16.6 49.7

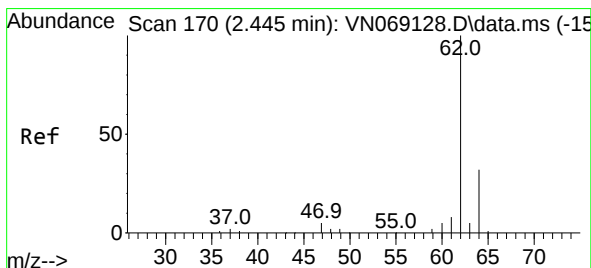
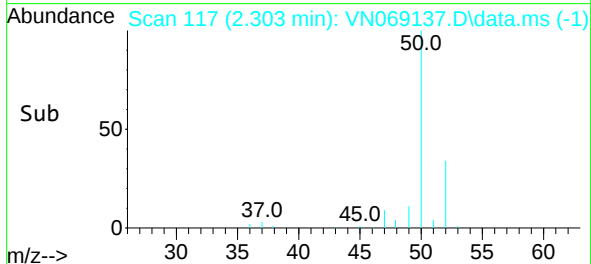
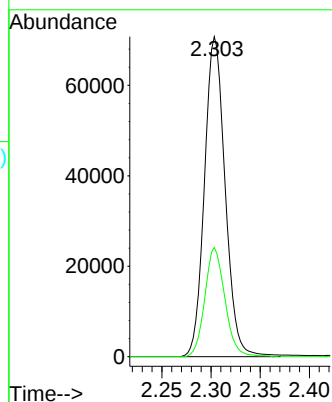
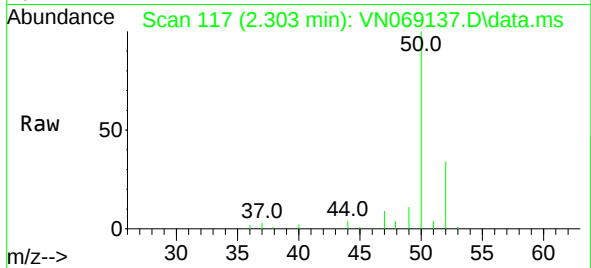




#3
Chloromethane
Concen: 23.096 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN069137.D
Acq: 22 Oct 2021 16:05

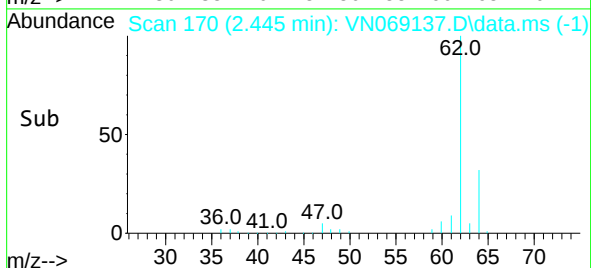
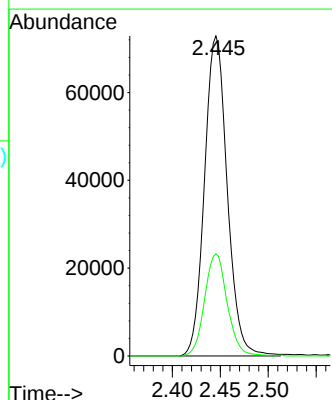
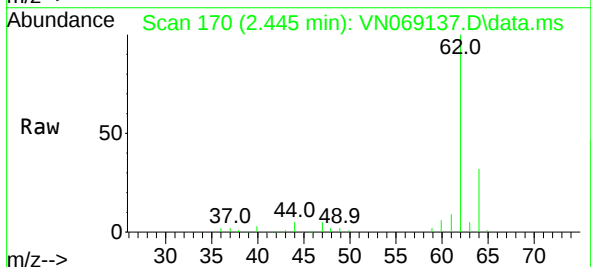
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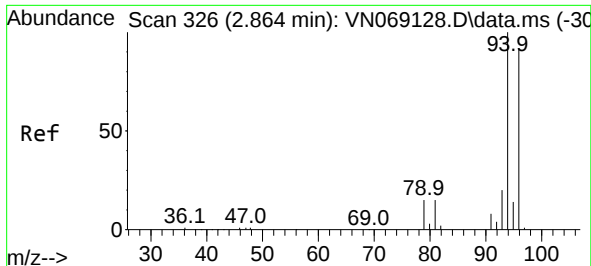
Tgt Ion: 50 Resp: 103589
Ion Ratio Lower Upper
50 100
52 34.1 27.8 41.6



#4
Vinyl Chloride
Concen: 22.534 ug/l
RT: 2.445 min Scan# 170
Delta R.T. 0.000 min
Lab File: VN069137.D
Acq: 22 Oct 2021 16:05

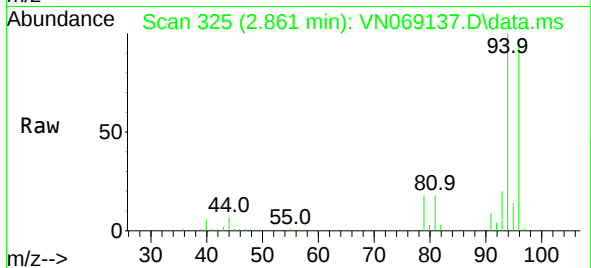
Tgt Ion: 62 Resp: 120473
Ion Ratio Lower Upper
62 100
64 31.9 25.1 37.7



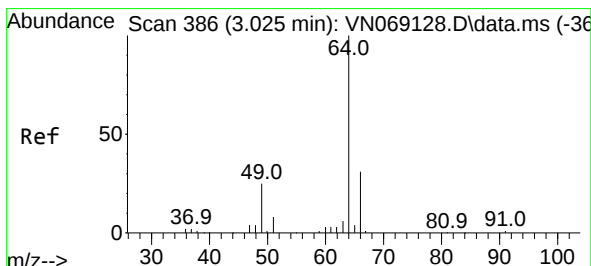
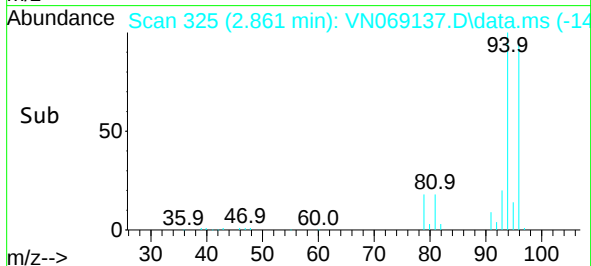
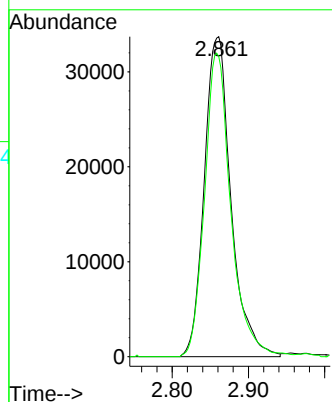


#5
Bromomethane
Concen: 23.421 ug/l
RT: 2.861 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN069137.D
Acq: 22 Oct 2021 16:05

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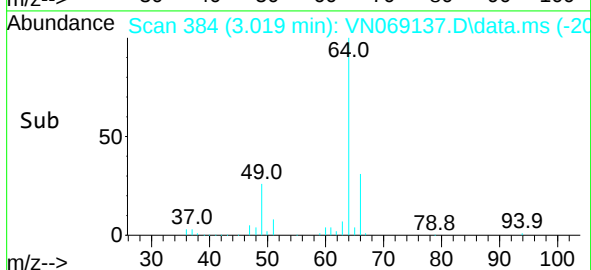
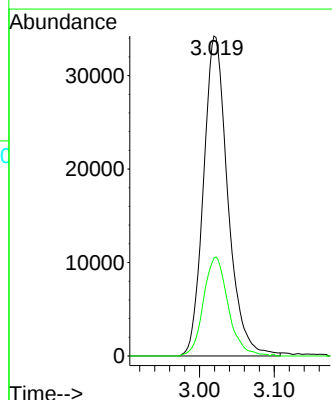
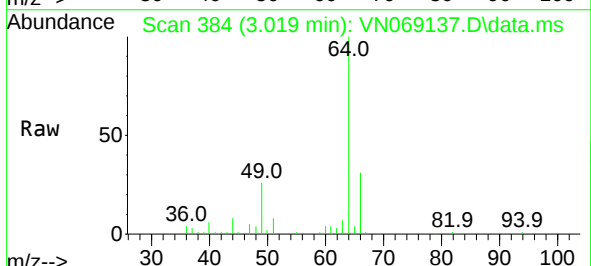


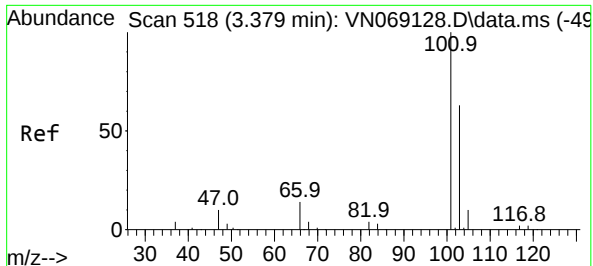
Tgt Ion: 94 Resp: 82126
Ion Ratio Lower Upper
94 100
96 93.8 75.2 112.8



#6
Chloroethane
Concen: 22.353 ug/l
RT: 3.019 min Scan# 384
Delta R.T. -0.005 min
Lab File: VN069137.D
Acq: 22 Oct 2021 16:05

Tgt Ion: 64 Resp: 77466
Ion Ratio Lower Upper
64 100
66 30.6 24.6 36.8

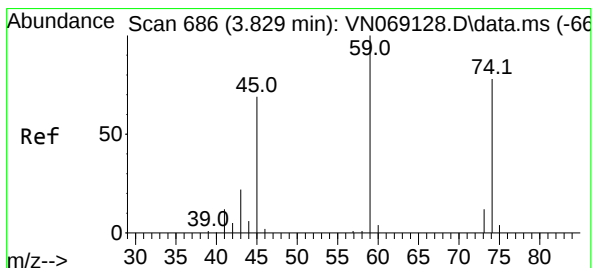
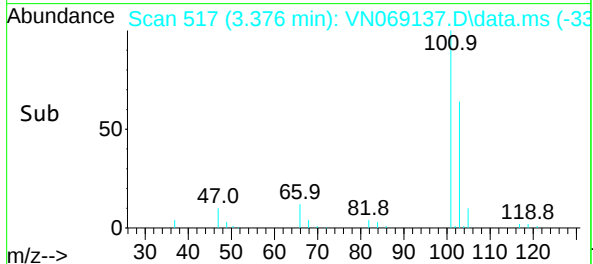
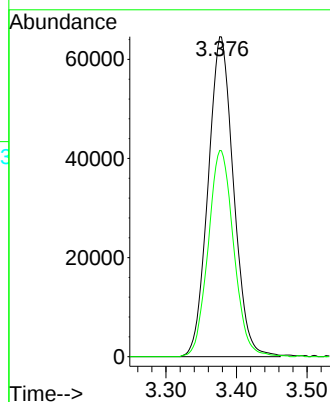
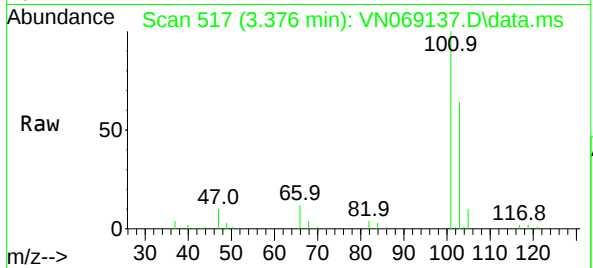




#7
Trichlorofluoromethane
Concen: 23.363 ug/l
RT: 3.376 min Scan# 518
Delta R.T. -0.003 min
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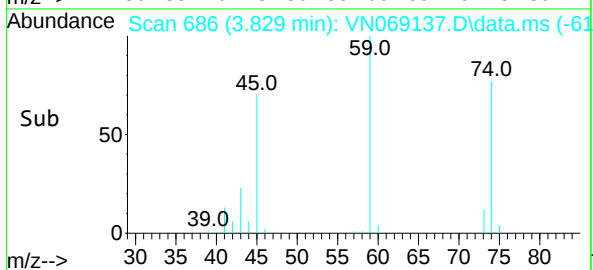
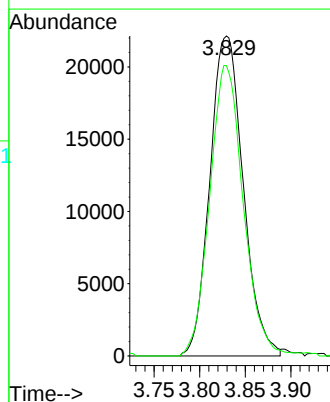
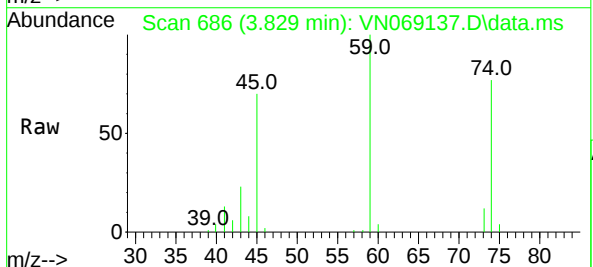
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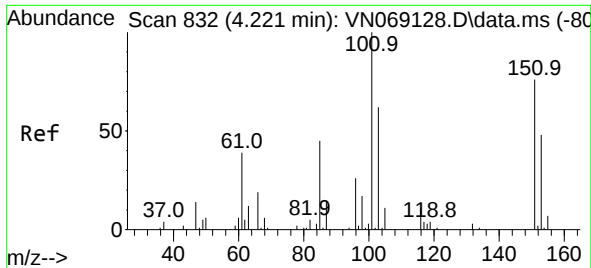
Tgt Ion:101 Resp: 161747
Ion Ratio Lower Upper
101 100
103 64.5 50.1 75.1



#8
Diethyl Ether
Concen: 22.970 ug/l
RT: 3.829 min Scan# 686
Delta R.T. 0.000 min
Lab File: VN069137.D
Acq: 22 Oct 2021 16:05

Tgt Ion: 74 Resp: 56305
Ion Ratio Lower Upper
74 100
45 91.3 17.6 158.8

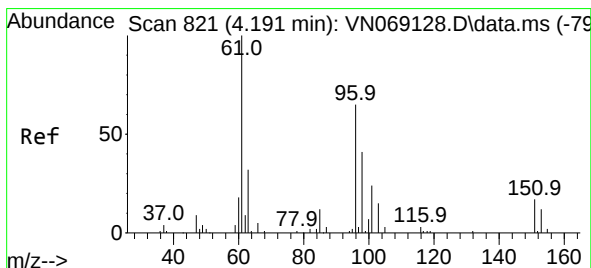
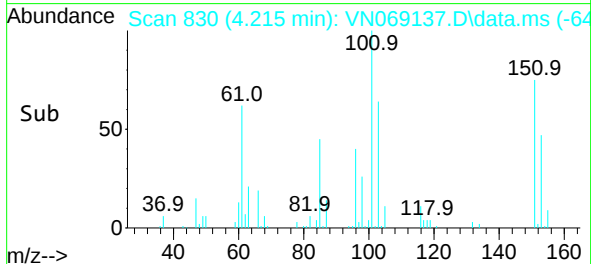
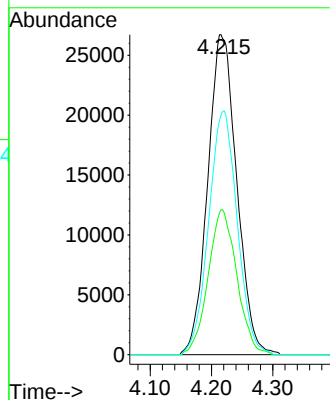
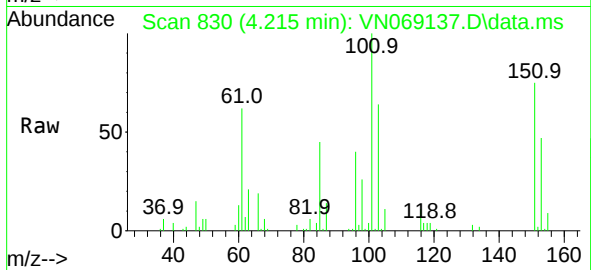




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 23.396 ug/l
 RT: 4.215 min Scan# 81
 Delta R.T. -0.005 min
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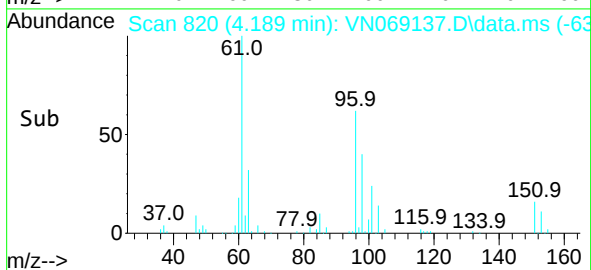
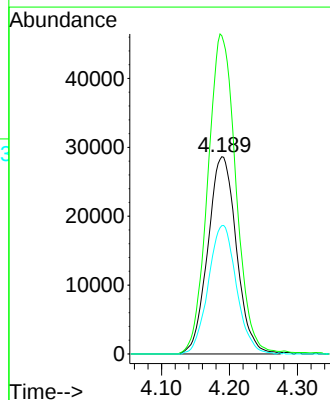
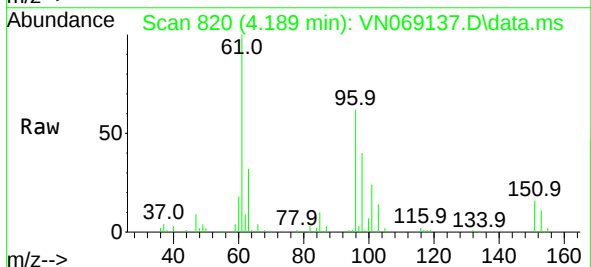
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 MSVOA_N
 ClientSampleId :

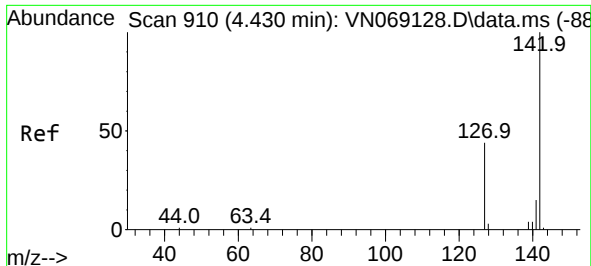
Tgt Ion:101 Resp: 87996
 Ion Ratio Lower Upper
 101 100
 85 44.8 0.0 94.0
 151 75.1 0.0 74.6#



#10
 1,1-Dichloroethene
 Concen: 22.800 ug/l
 RT: 4.189 min Scan# 820
 Delta R.T. -0.003 min
 Lab File: VN069137.D
 Acq: 22 Oct 2021 16:05

Tgt Ion: 96 Resp: 83668
 Ion Ratio Lower Upper
 96 100
 61 160.7 126.2 189.4
 98 65.1 50.9 76.3

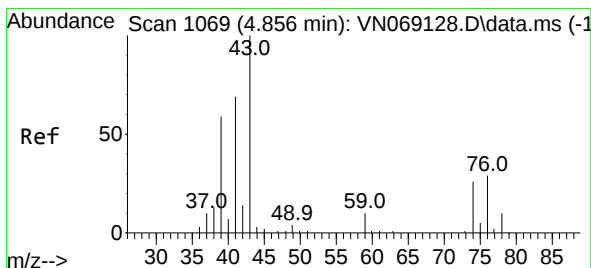
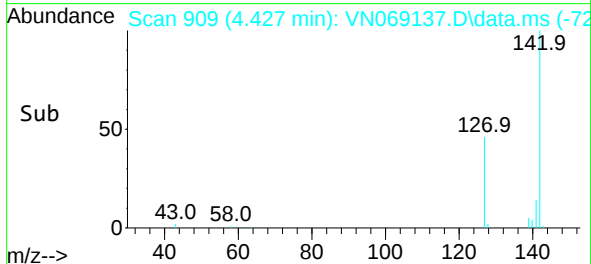
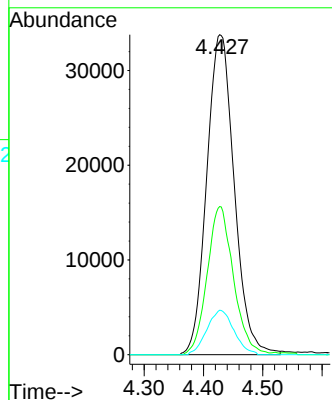
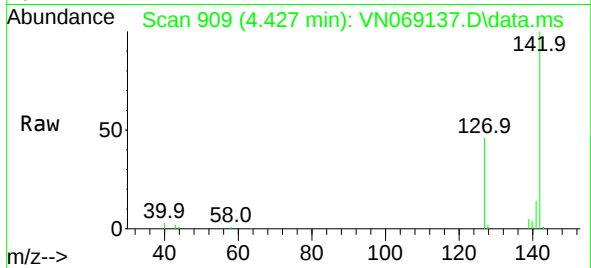




#11
Methyl Iodide
Concen: 21.089 ug/l
RT: 4.427 min Scan# 910
Delta R.T. -0.003 min
Lab File: VN069137.D
Acq: 22 Oct 2021 16:05

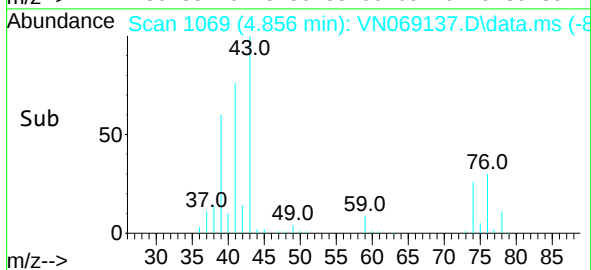
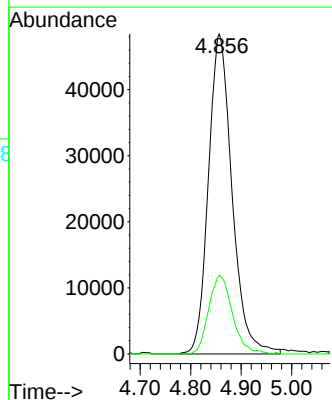
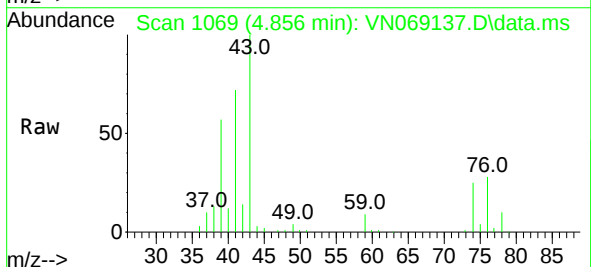
Instrument :
MSVOA_N
ClientSampleId :

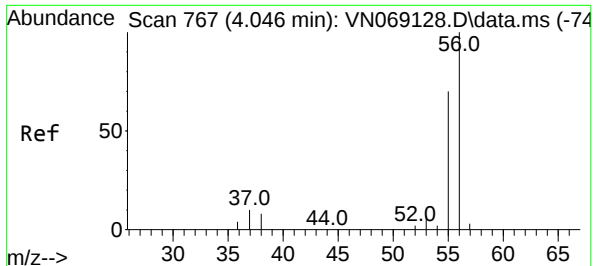
Tgt Ion:142 Resp: 108815
Ion Ratio Lower Upper
142 100
127 46.3 24.0 72.0
141 14.0 8.4 25.2



#12
Methyl Acetate
Concen: 22.517 ug/l
RT: 4.856 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN069137.D
Acq: 22 Oct 2021 16:05

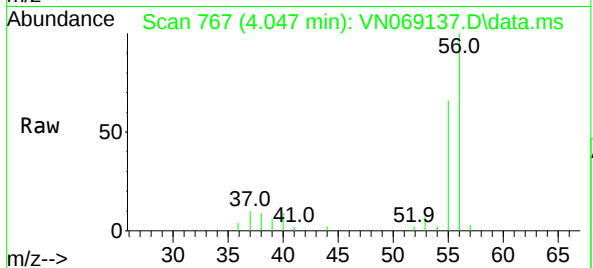
Tgt Ion: 43 Resp: 157365
Ion Ratio Lower Upper
43 100
74 24.8 20.8 31.2



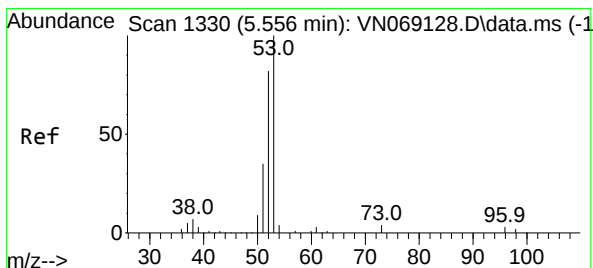
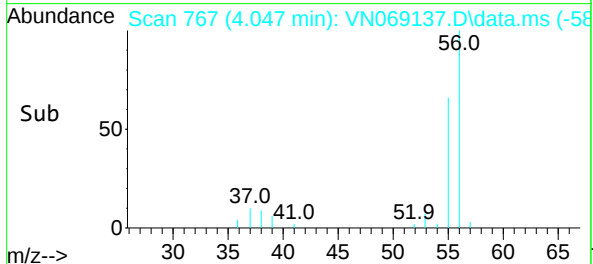
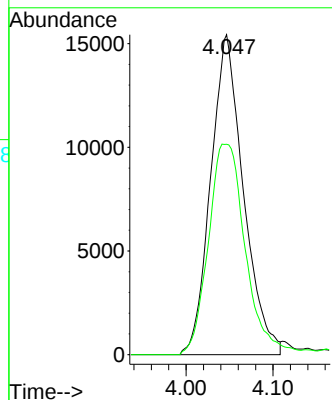


#13
Acrolein
Concen: 95.657 ug/l
RT: 4.047 min Scan# 767
Delta R.T. 0.000 min
Lab File: VN069137.D
Acq: 22 Oct 2021 16:05

Instrument :
MSVOA_N
ClientSampleId :

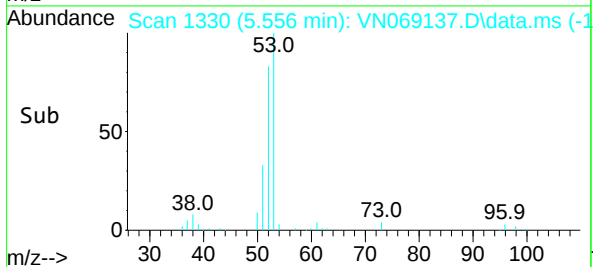
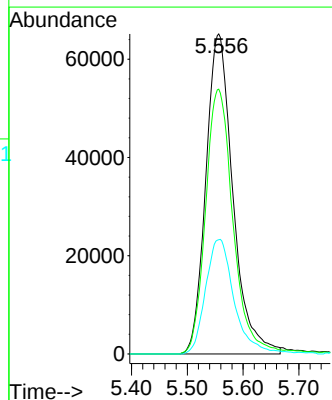
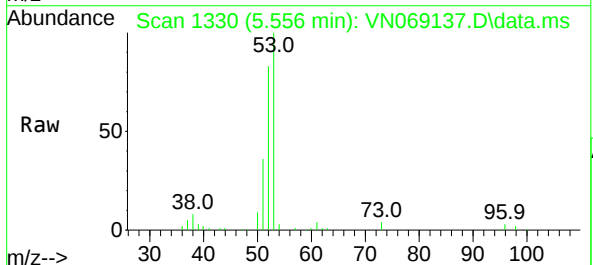


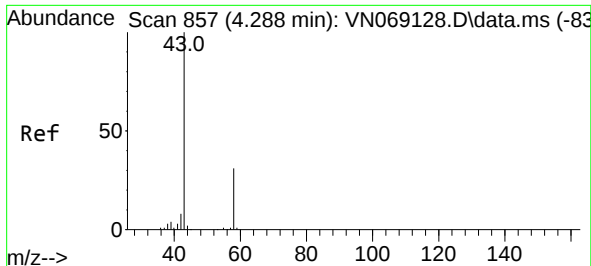
Tgt Ion: 56 Resp: 40276
Ion Ratio Lower Upper
56 100
55 33.6 57.6 86.4#



#14
Acrylonitrile
Concen: 110.799 ug/l
RT: 5.556 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VN069137.D
Acq: 22 Oct 2021 16:05

Tgt Ion: 53 Resp: 219715
Ion Ratio Lower Upper
53 100
52 83.7 41.8 125.4
51 37.3 19.0 57.0





#15

Acetone

Concen: 104.316 ug/l

RT: 4.288 min Scan# 857

Delta R.T. 0.000 min

Lab File: VN069137.D

Acq: 22 Oct 2021 16:05

Instrument :

MSVOA_N

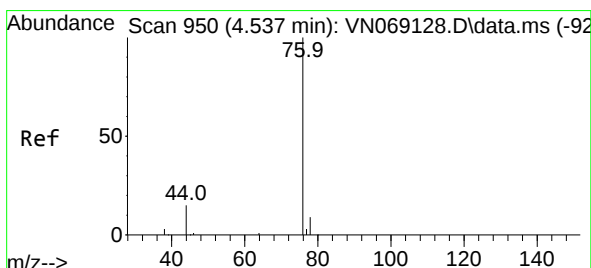
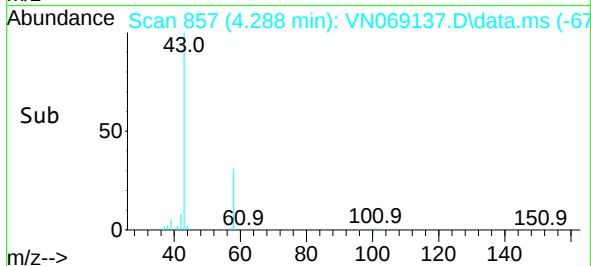
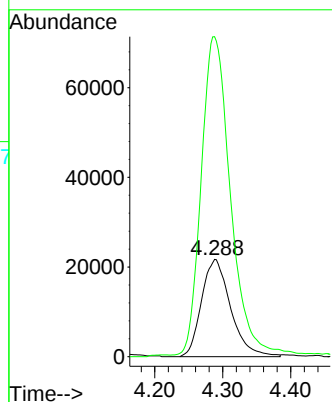
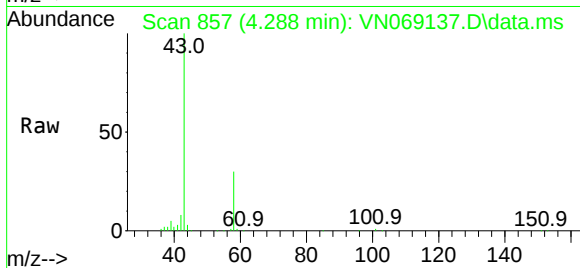
ClientSampleId :

Tgt Ion: 58 Resp: 64665

Ion Ratio Lower Upper

58 100

43 325.6 256.6 384.8



#16

Carbon Disulfide

Concen: 22.070 ug/l

RT: 4.537 min Scan# 950

Delta R.T. 0.000 min

Lab File: VN069137.D

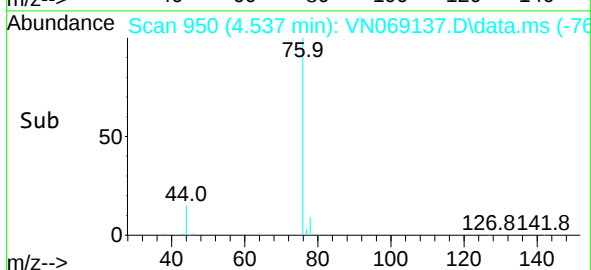
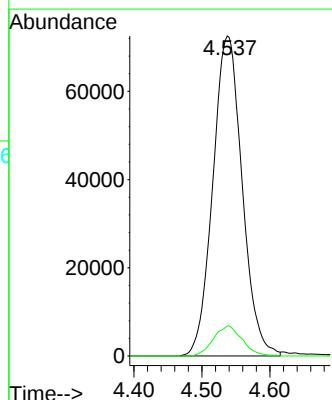
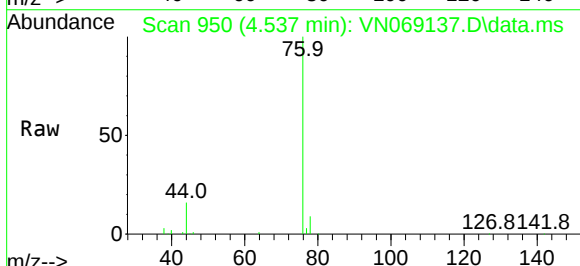
Acq: 22 Oct 2021 16:05

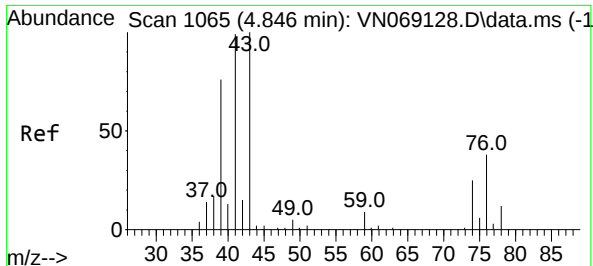
Tgt Ion: 76 Resp: 217613

Ion Ratio Lower Upper

76 100

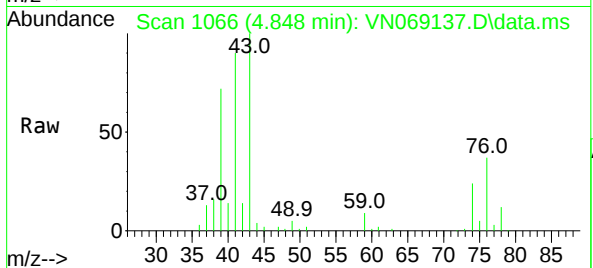
78 9.4 7.8 11.8



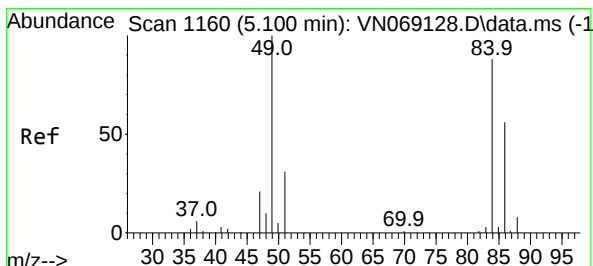
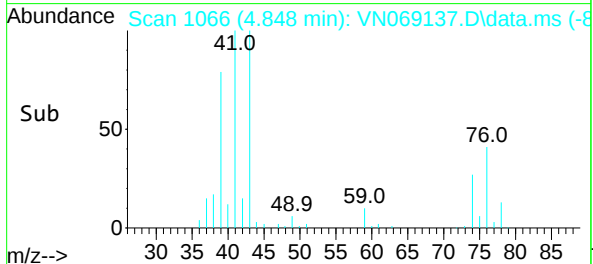
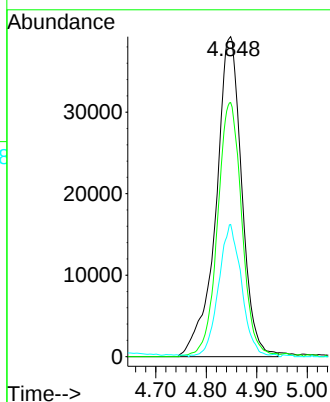


#17
 Allyl chloride
 Concen: 22.095 ug/l
 RT: 4.848 min Scan# 1065
 Delta R.T. 0.003 min
 Lab File: VN069137.D
 Acq: 22 Oct 2021 16:05

Instrument :
 MSVOA_N
 ClientSampleId :

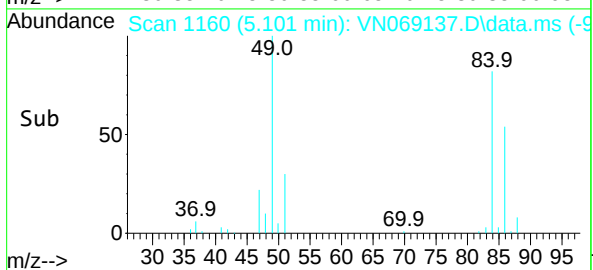
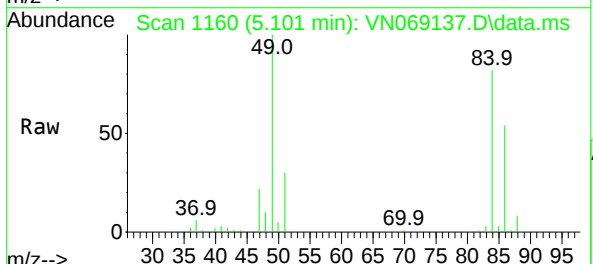
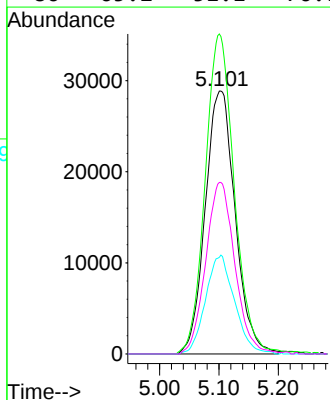


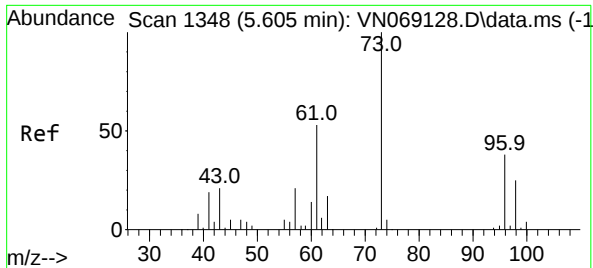
Tgt Ion: 41 Resp: 139621
 Ion Ratio Lower Upper
 41 100
 39 79.4 44.6 134.0
 76 40.9 19.6 58.7



#18
 Methylene Chloride
 Concen: 23.227 ug/l
 RT: 5.101 min Scan# 1160
 Delta R.T. 0.000 min
 Lab File: VN069137.D
 Acq: 22 Oct 2021 16:05

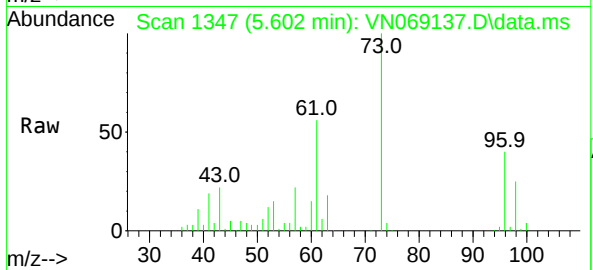
Tgt Ion: 84 Resp: 101282
 Ion Ratio Lower Upper
 84 100
 49 121.1 91.4 137.0
 51 36.7 29.4 44.0
 86 65.2 51.1 76.7



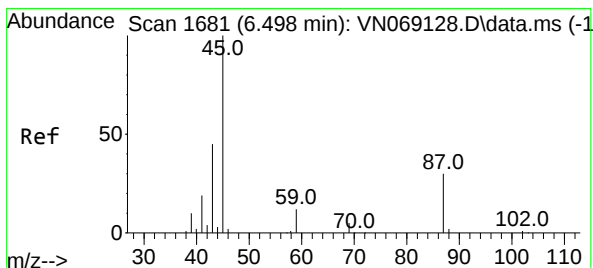
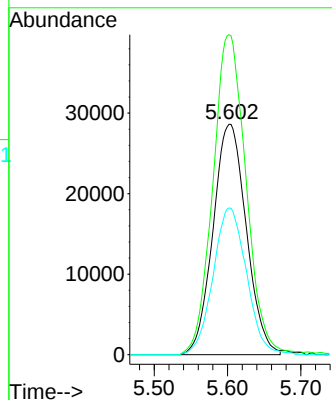
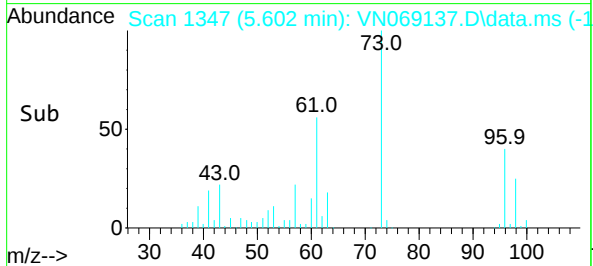


#19
trans-1,2-Dichloroethene
Concen: 22.641 ug/l
RT: 5.602 min Scan# 11
Delta R.T. -0.003 min
Lab File: VN069137.D
Acq: 22 Oct 2021 16:05

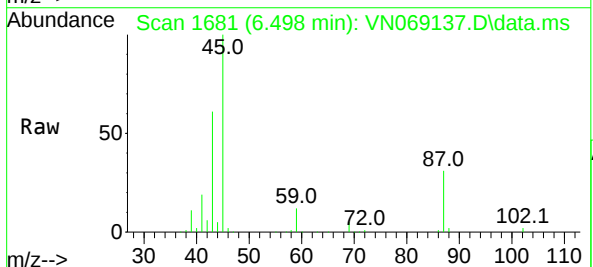
Instrument :
MSVOA_N
ClientSampleId :



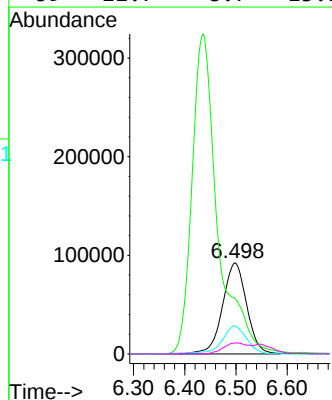
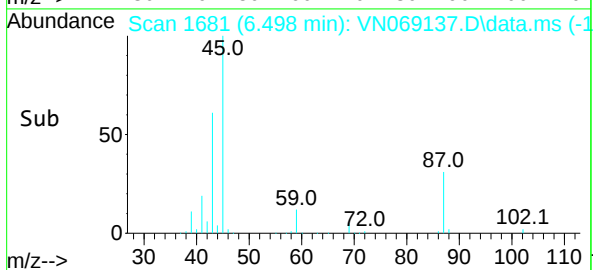
Tgt Ion: 96 Resp: 90220
Ion Ratio Lower Upper
96 100
61 138.9 102.8 154.2
98 63.7 49.3 73.9

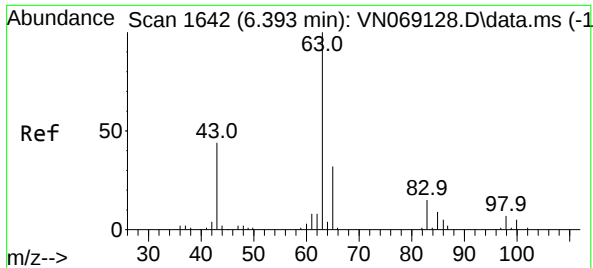


#20
Diisopropyl ether
Concen: 22.398 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN069137.D
Acq: 22 Oct 2021 16:05



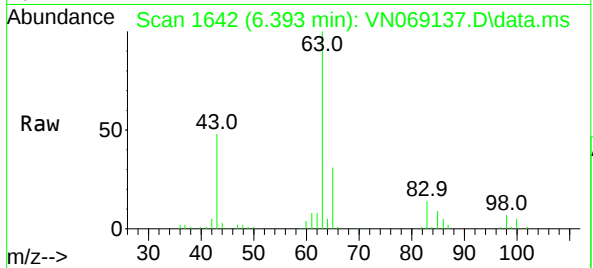
Tgt Ion: 45 Resp: 302341
Ion Ratio Lower Upper
45 100
43 58.4 51.0 76.4
87 30.5 25.0 37.4
59 11.7 8.7 13.1



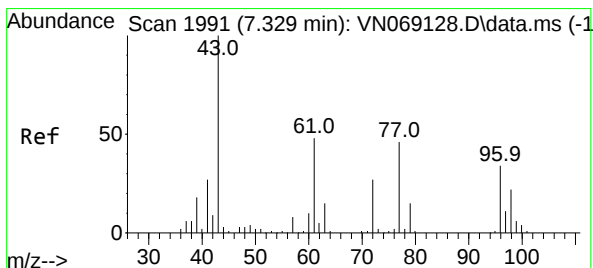
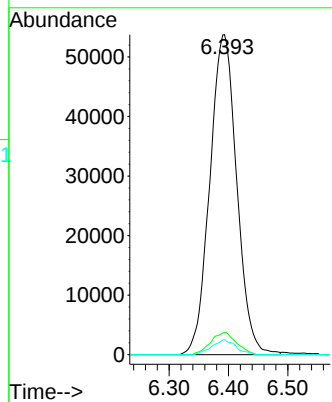
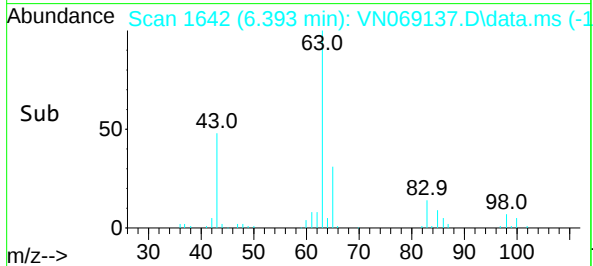


#21
1,1-Dichloroethane
Concen: 22.514 ug/l
RT: 6.393 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN069137.D
Acq: 22 Oct 2021 16:05

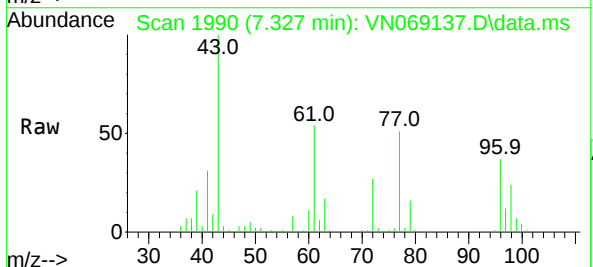
Instrument :
MSVOA_N
ClientSampleId :



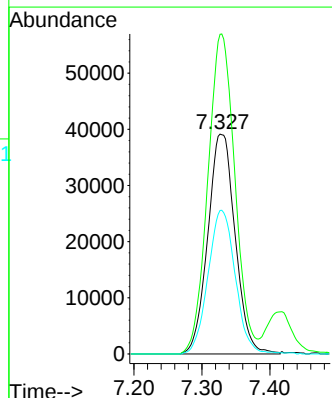
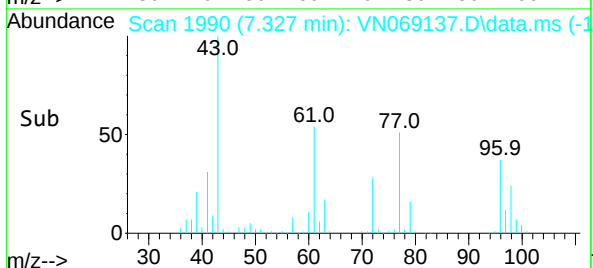
Tgt Ion: 63 Resp: 169626
Ion Ratio Lower Upper
63 100
98 7.0 3.2 9.6
100 4.7 2.1 6.2

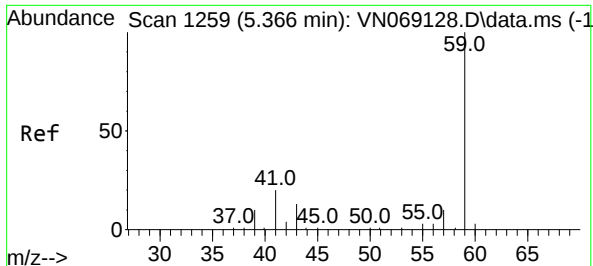


#22
cis-1,2-Dichloroethene
Concen: 22.904 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. -0.003 min
Lab File: VN069137.D
Acq: 22 Oct 2021 16:05



Tgt Ion: 96 Resp: 109393
Ion Ratio Lower Upper
96 100
61 144.0 115.7 173.5
98 64.7 51.6 77.4





#23

tert-Butyl Alcohol

Concen: 112.166 ug/l

RT: 5.369 min Scan# 11

Delta R.T. 0.003 min

Lab File: VN069137.D

Acq: 22 Oct 2021 16:05

Instrument :

MSVOA_N

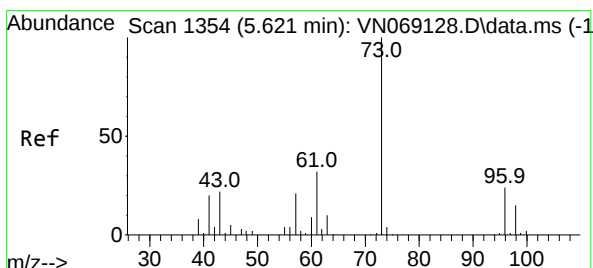
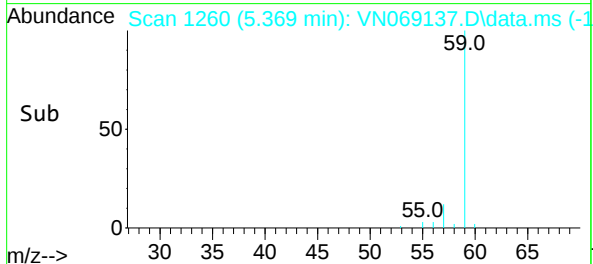
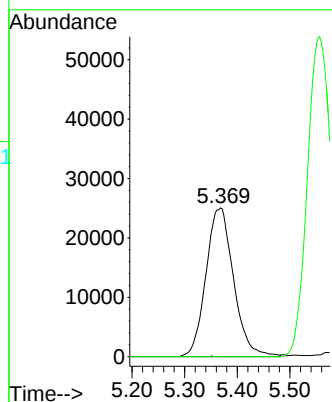
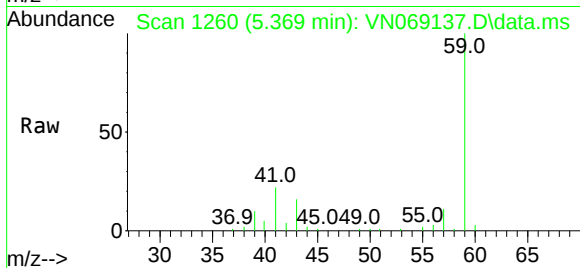
ClientSampleId :

Tgt Ion: 59 Resp: 91261

Ion Ratio Lower Upper

59 100

52 0.1 0.0 0.0#



#24

Methyl tert-Butyl Ether

Concen: 22.660 ug/l

RT: 5.618 min Scan# 1353

Delta R.T. -0.003 min

Lab File: VN069137.D

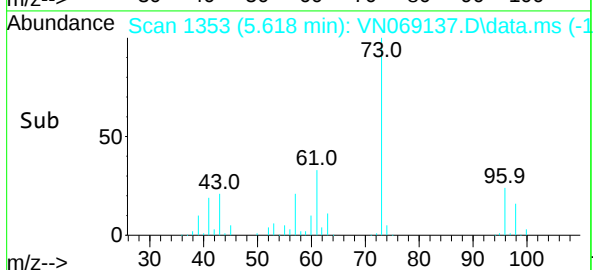
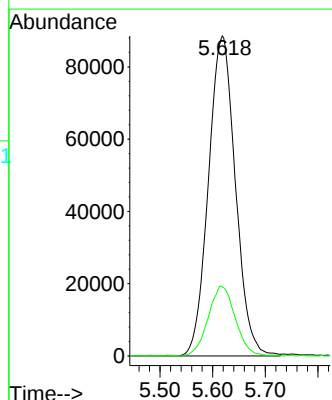
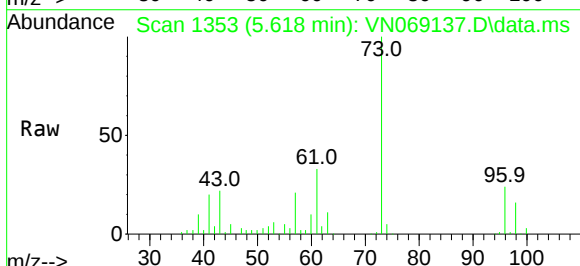
Acq: 22 Oct 2021 16:05

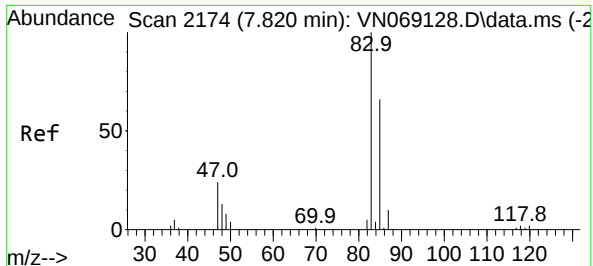
Tgt Ion: 73 Resp: 315387

Ion Ratio Lower Upper

73 100

43 21.9 18.1 27.1

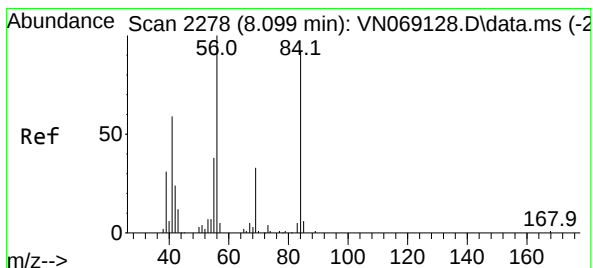
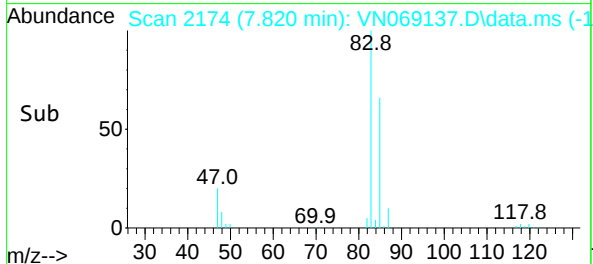
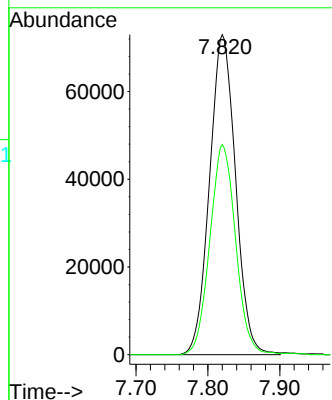
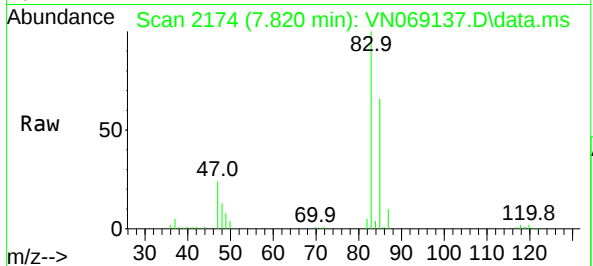




#25
Chloroform
Concen: 22.770 ug/l
RT: 7.820 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN069137.D
Acq: 22 Oct 2021 16:05

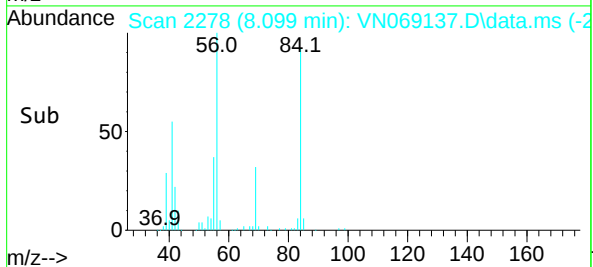
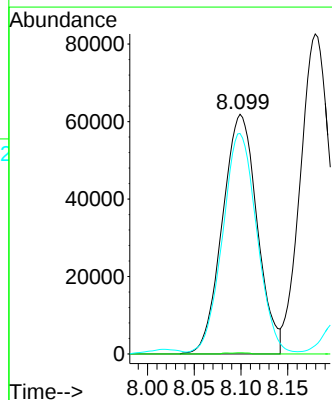
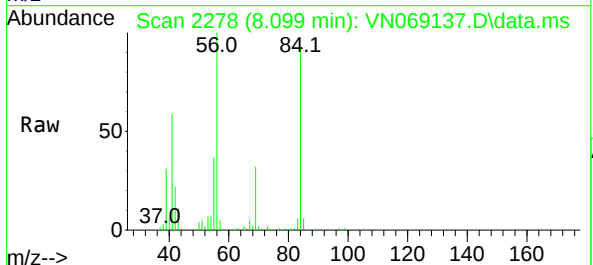
Instrument :
MSVOA_N
ClientSampleId :

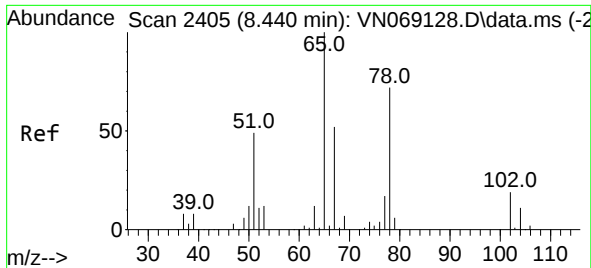
Tgt Ion: 83 Resp: 183323
Ion Ratio Lower Upper
83 100
85 65.6 51.3 76.9



#26
Cyclohexane
Concen: 23.131 ug/l
RT: 8.099 min Scan# 2278
Delta R.T. 0.000 min
Lab File: VN069137.D
Acq: 22 Oct 2021 16:05

Tgt Ion: 56 Resp: 160520
Ion Ratio Lower Upper
56 100
89 0.2 0.1 0.1#
84 90.9 74.6 111.8





#27

1,2-Dichloroethane-d4

Concen: 30.700 ug/l

RT: 8.440 min Scan# 24

Delta R.T. 0.000 min

Lab File: VN069137.D

Acq: 22 Oct 2021 16:05

Instrument :

MSVOA_N

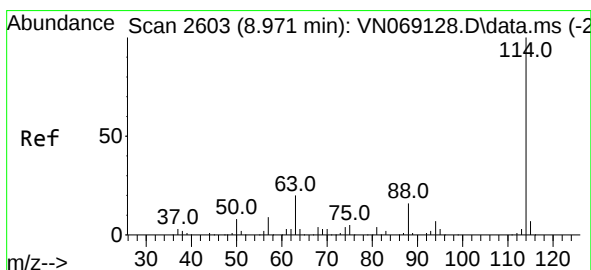
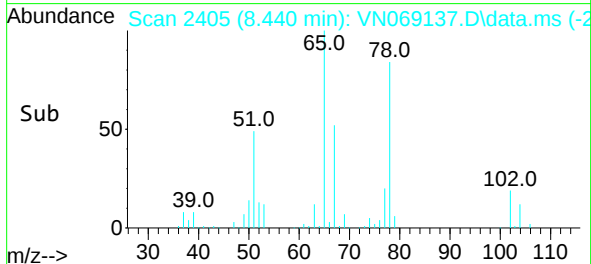
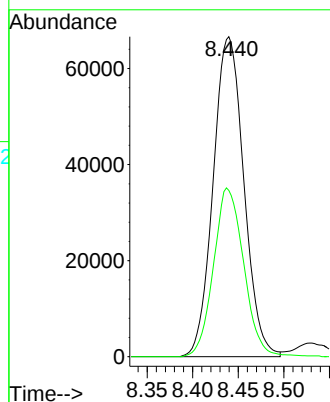
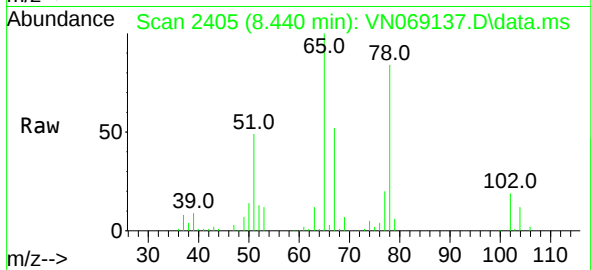
ClientSampleId :

Tgt Ion: 65 Resp: 156016

Ion Ratio Lower Upper

65 100

67 52.0 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: VN069137.D

Acq: 22 Oct 2021 16:05

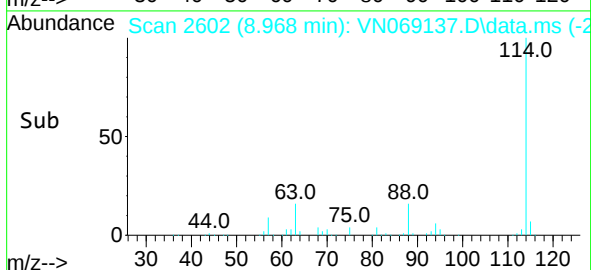
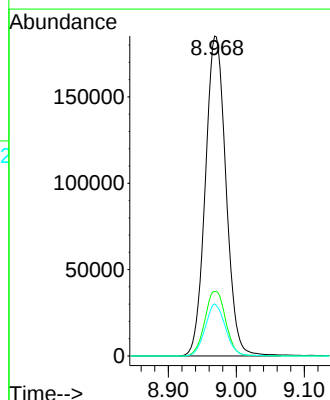
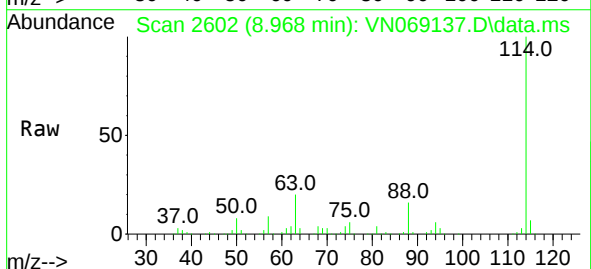
Tgt Ion: 114 Resp: 390380

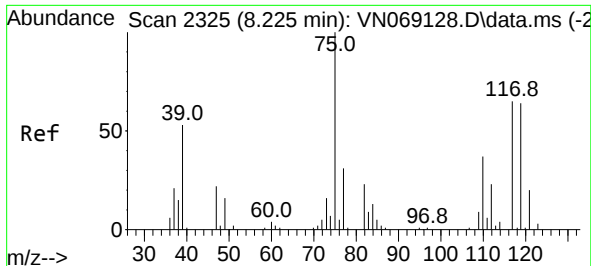
Ion Ratio Lower Upper

114 100

63 20.6 15.8 23.6

88 16.0 11.6 17.4





#29

1,1-Dichloropropene

Concen: 22.704 ug/l

RT: 8.225 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN069137.D

Acq: 22 Oct 2021 16:05

Instrument :

MSVOA_N

ClientSampleId :

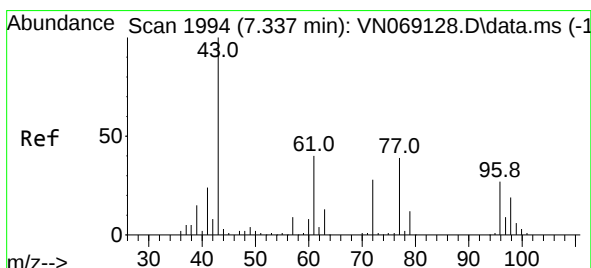
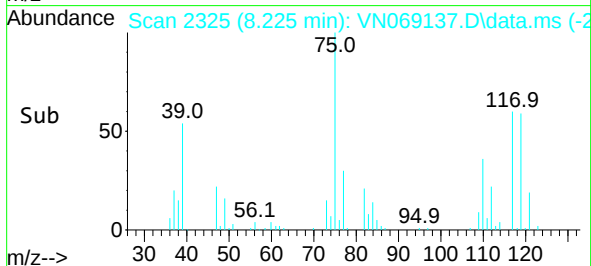
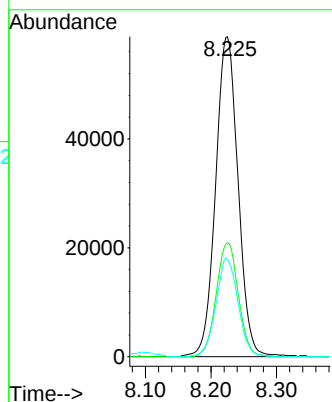
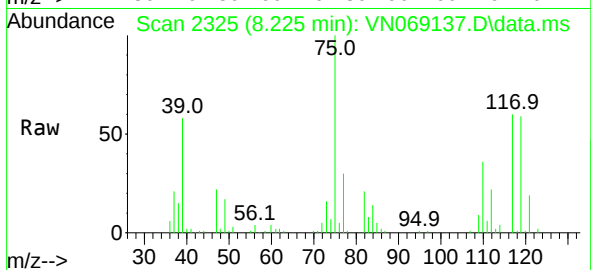
Tgt Ion: 75 Resp: 139483

Ion Ratio Lower Upper

75 100

110 35.1 0.0 74.2

77 30.4 0.0 63.2



#30

2-Butanone

Concen: 105.424 ug/l

RT: 7.335 min Scan# 1993

Delta R.T. -0.003 min

Lab File: VN069137.D

Acq: 22 Oct 2021 16:05

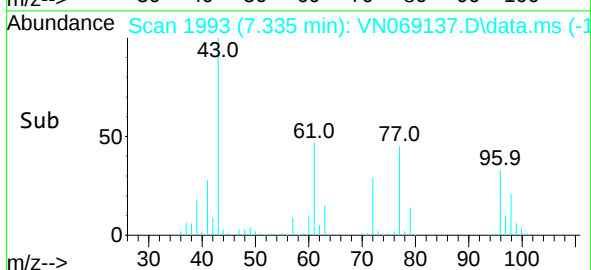
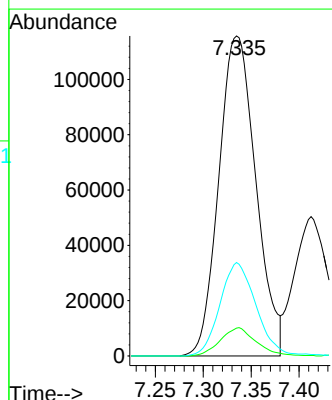
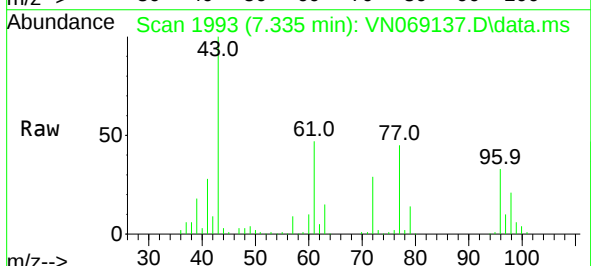
Tgt Ion: 43 Resp: 310994

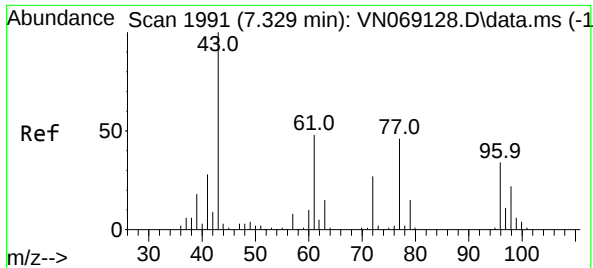
Ion Ratio Lower Upper

43 100

57 8.6 6.7 10.1

72 28.3 23.2 34.8





#31

2,2-Dichloropropane

Concen: 21.629 ug/l

RT: 7.329 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VN069137.D

Acq: 22 Oct 2021 16:05

Instrument :

MSVOA_N

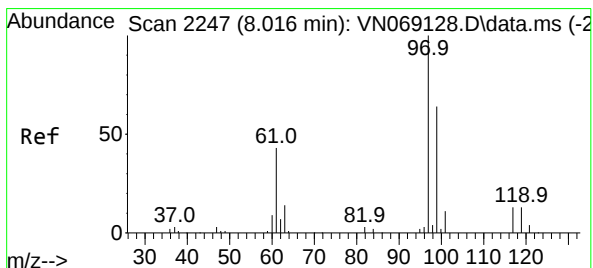
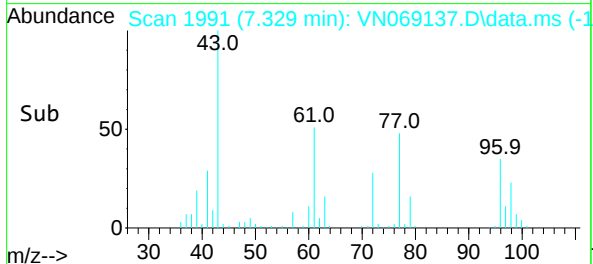
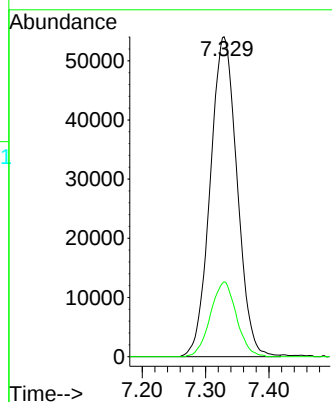
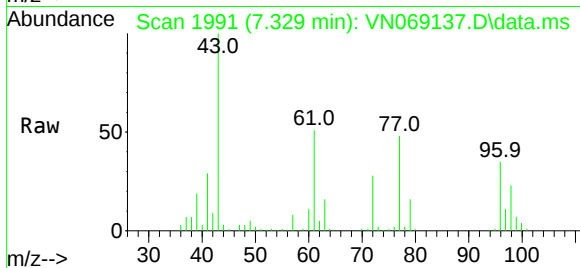
ClientSampleId :

Tgt Ion: 77 Resp: 159190

Ion Ratio Lower Upper

77 100

97 22.7 18.3 27.5



#32

1,1,1-Trichloroethane

Concen: 21.726 ug/l

RT: 8.018 min Scan# 2248

Delta R.T. 0.003 min

Lab File: VN069137.D

Acq: 22 Oct 2021 16:05

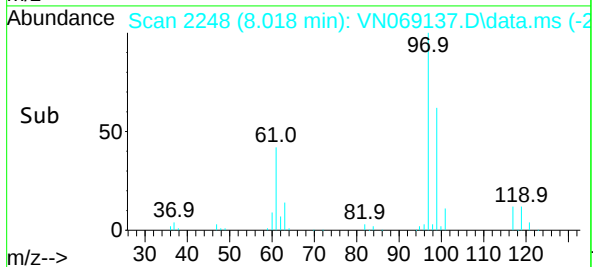
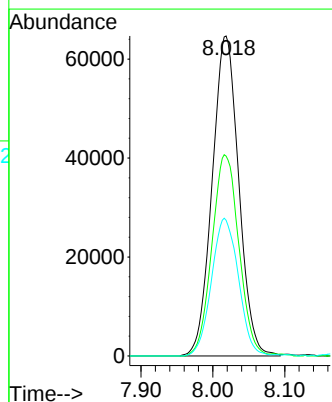
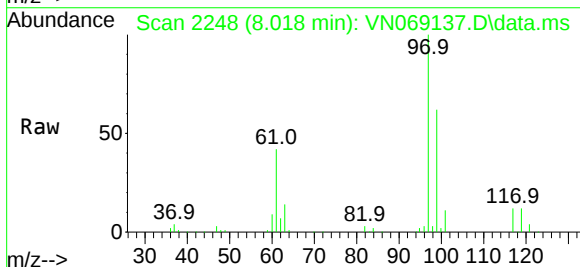
Tgt Ion: 97 Resp: 166074

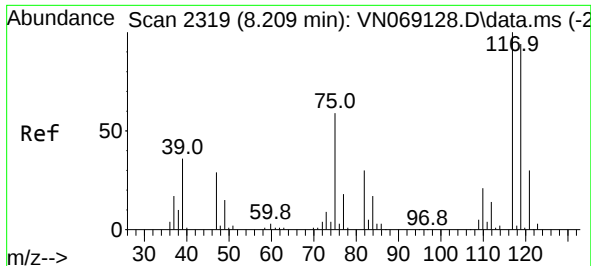
Ion Ratio Lower Upper

97 100

99 63.6 50.4 75.6

61 43.6 34.6 51.8

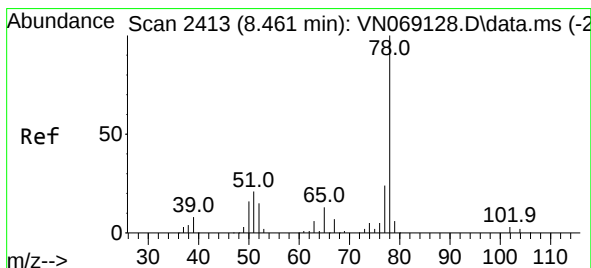
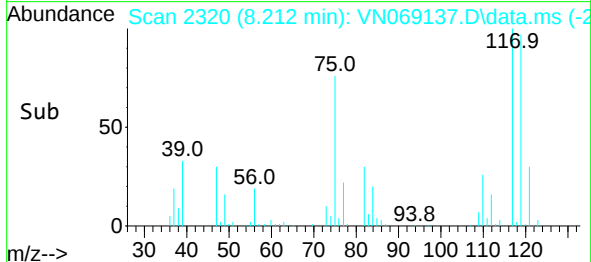
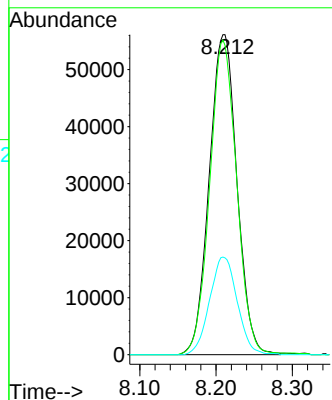
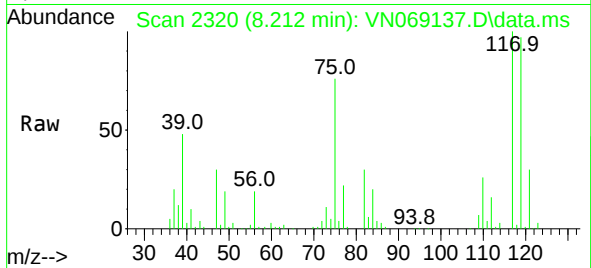




#33
Carbon Tetrachloride
Concen: 21.837 ug/l
RT: 8.212 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN069137.D
Acq: 22 Oct 2021 16:05

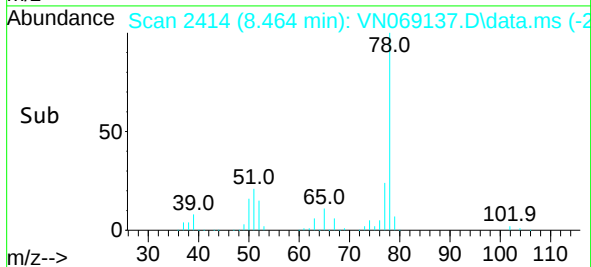
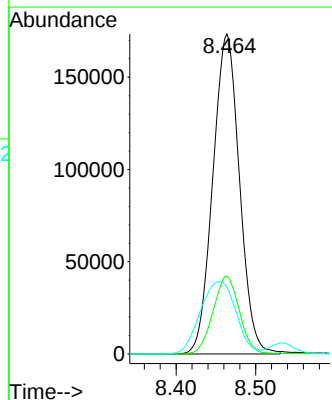
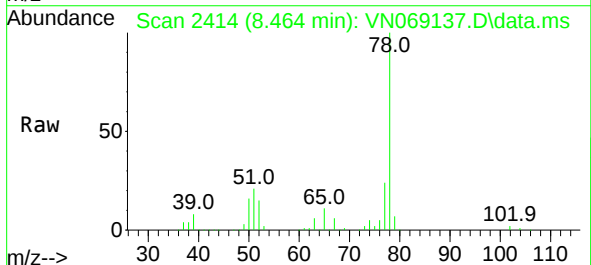
Instrument :
MSVOA_N
ClientSampleId :

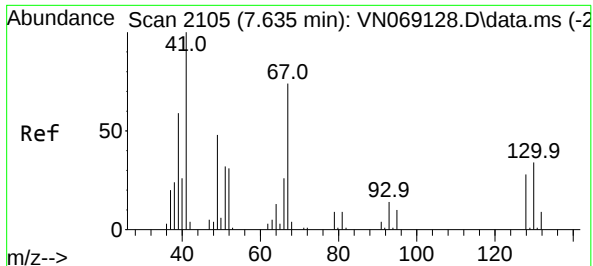
Tgt Ion:117 Resp: 141787
Ion Ratio Lower Upper
117 100
119 96.4 77.5 116.3
121 30.3 23.5 35.3



#34
Benzene
Concen: 21.995 ug/l
RT: 8.464 min Scan# 2414
Delta R.T. 0.003 min
Lab File: VN069137.D
Acq: 22 Oct 2021 16:05

Tgt Ion: 78 Resp: 403491
Ion Ratio Lower Upper
78 100
77 24.4 19.1 28.7
51 20.1 16.0 24.0

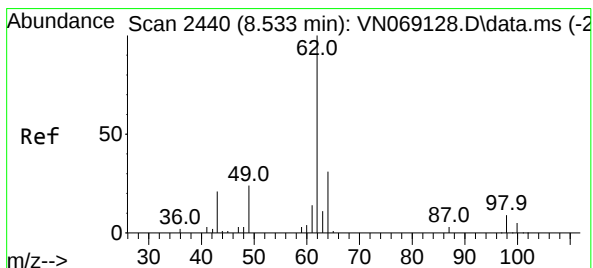
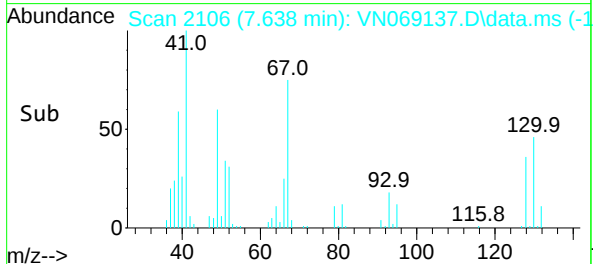
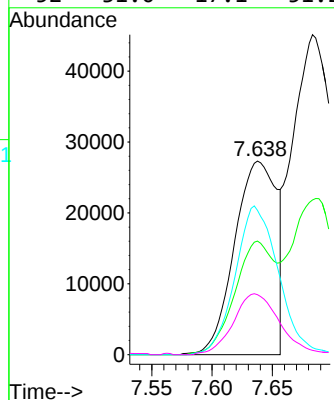
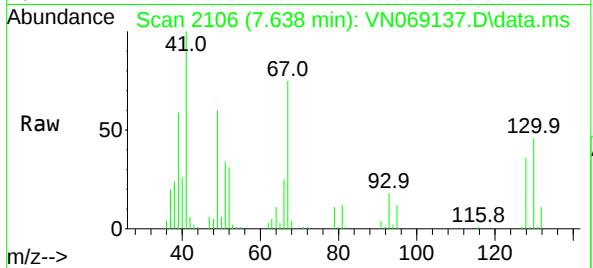




#35
Methacrylonitrile
Concen: 22.593 ug/l
RT: 7.638 min Scan# 2105
Delta R.T. 0.003 min
Lab File: VN069137.D
Acq: 22 Oct 2021 16:05

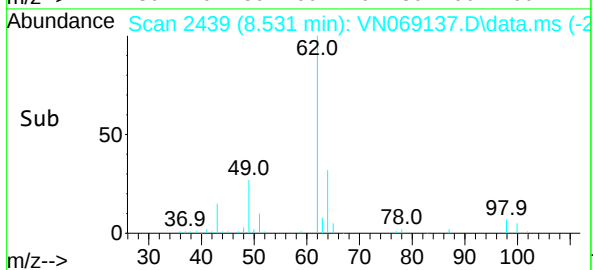
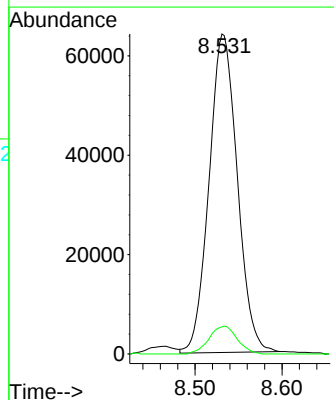
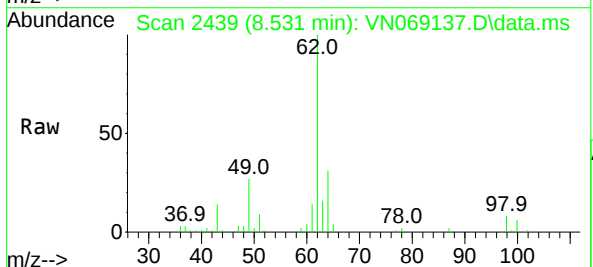
Instrument :
MSVOA_N
ClientSampleId :

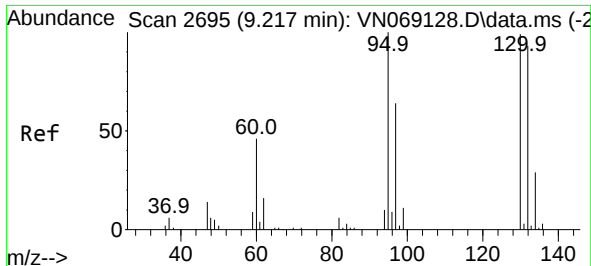
Tgt Ion: 41 Resp: 66422
Ion Ratio Lower Upper
41 100
39 58.7 28.0 83.9
67 74.6 37.7 113.1
52 31.0 17.1 51.2



#36
1,2-Dichloroethane
Concen: 21.850 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. -0.003 min
Lab File: VN069137.D
Acq: 22 Oct 2021 16:05

Tgt Ion: 62 Resp: 144664
Ion Ratio Lower Upper
62 100
98 8.7 6.6 10.0

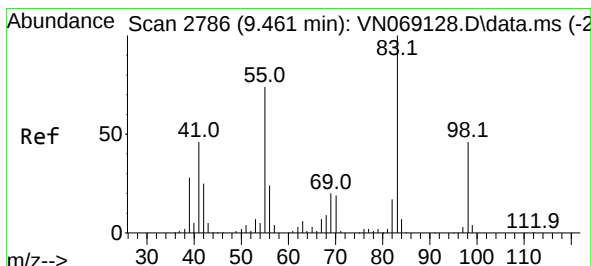
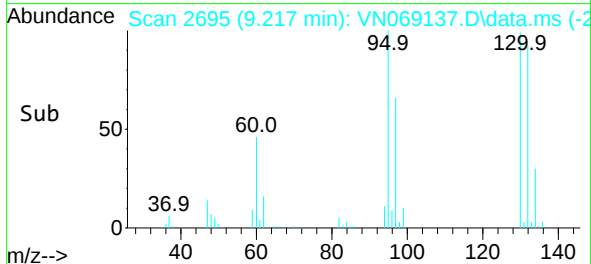
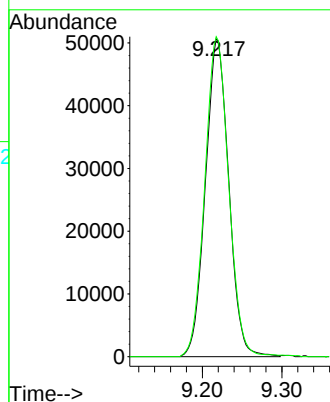
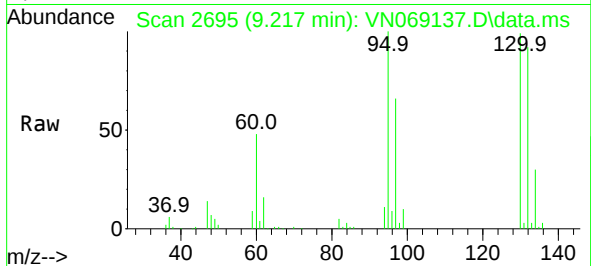




#37
Trichloroethene
Concen: 22.138 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN069137.D
Acq: 22 Oct 2021 16:05

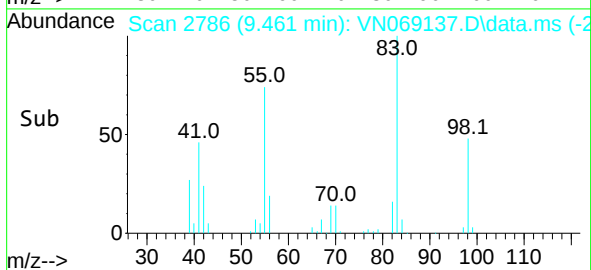
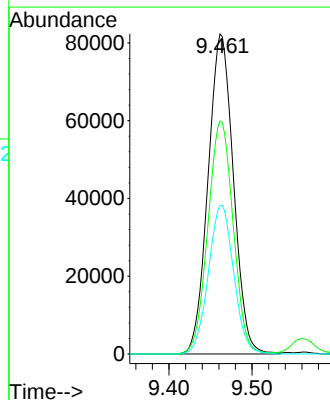
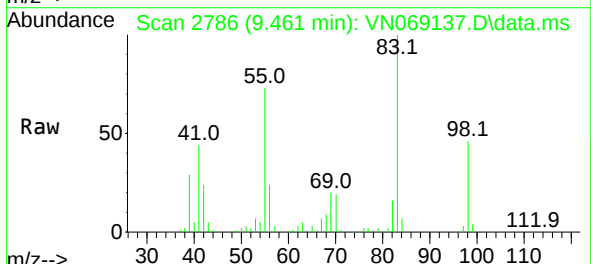
Instrument :
MSVOA_N
ClientSampleId :

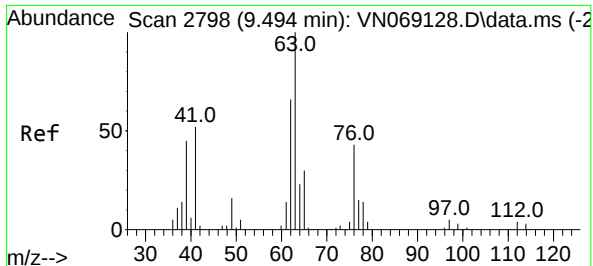
Tgt Ion:130 Resp: 103269
Ion Ratio Lower Upper
130 100
95 100.7 76.6 115.0



#38
Methylcyclohexane
Concen: 22.287 ug/l
RT: 9.461 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VN069137.D
Acq: 22 Oct 2021 16:05

Tgt Ion: 83 Resp: 174311
Ion Ratio Lower Upper
83 100
55 72.8 35.1 105.3
98 46.4 23.4 70.2





#39

1,2-Dichloropropane

Concen: 22.182 ug/l

RT: 9.491 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN069137.D

Acq: 22 Oct 2021 16:05

Instrument :

MSVOA_N

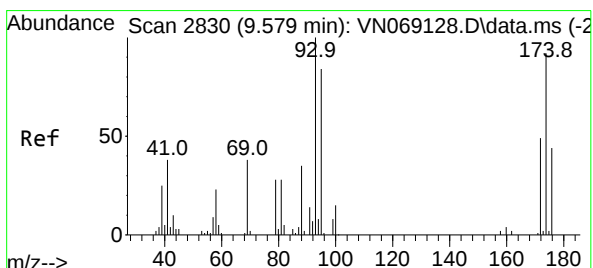
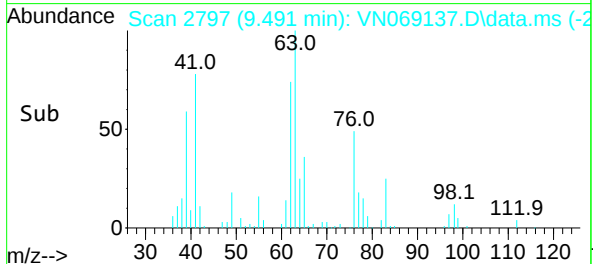
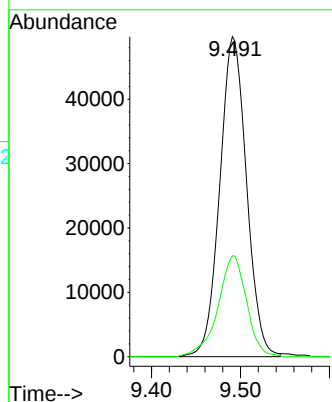
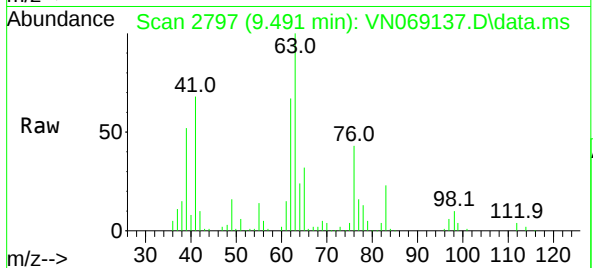
ClientSampleId :

Tgt Ion: 63 Resp: 103766

Ion Ratio Lower Upper

63 100

65 31.2 24.2 36.4



#40

Dibromomethane

Concen: 22.107 ug/l

RT: 9.579 min Scan# 2830

Delta R.T. 0.000 min

Lab File: VN069137.D

Acq: 22 Oct 2021 16:05

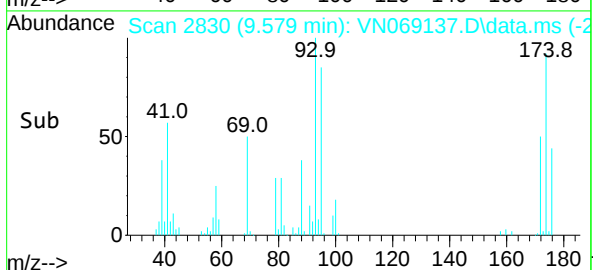
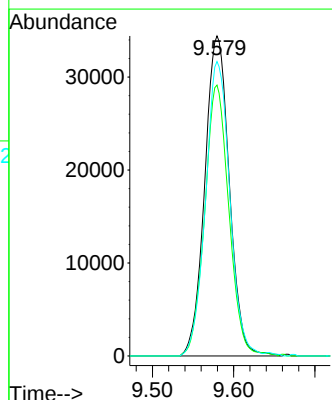
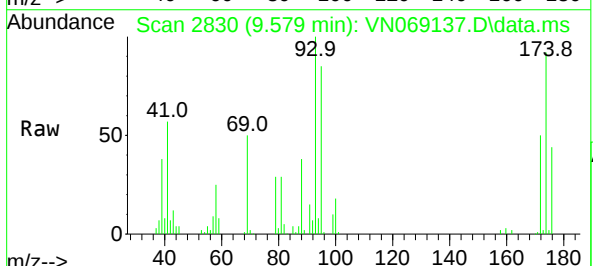
Tgt Ion: 93 Resp: 72303

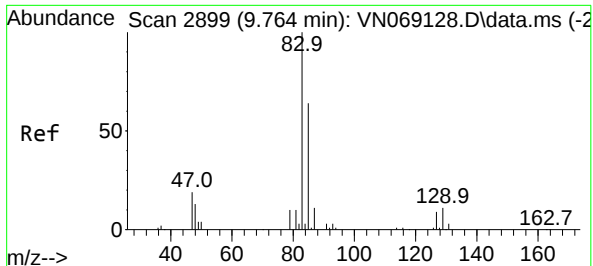
Ion Ratio Lower Upper

93 100

95 83.3 0.0 168.8

174 90.8 0.0 173.6

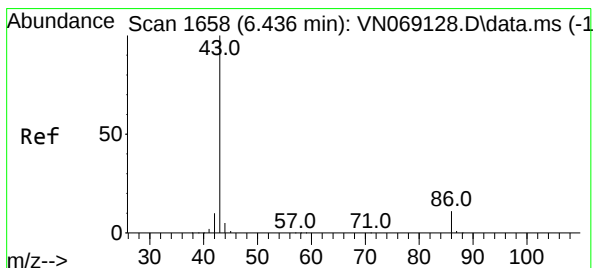
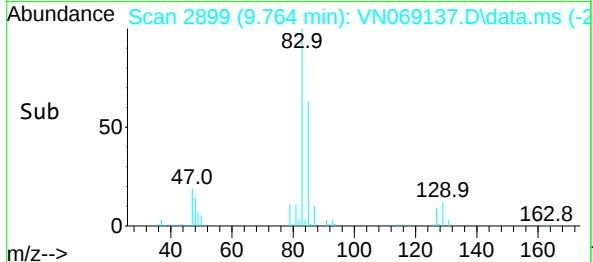
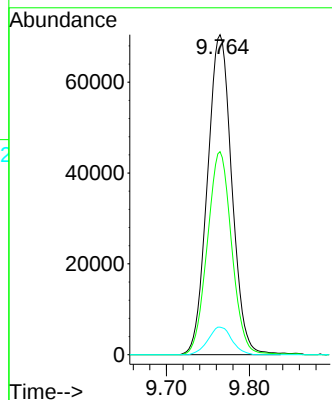
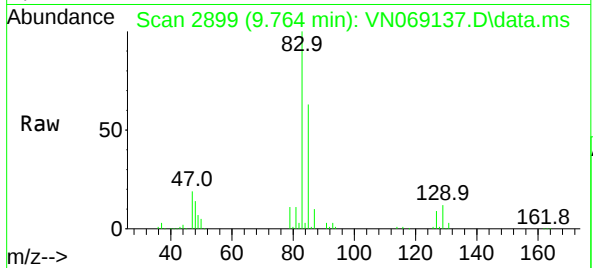




#41
Bromodichloromethane
Concen: 21.965 ug/l
RT: 9.764 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN069137.D
Acq: 22 Oct 2021 16:05

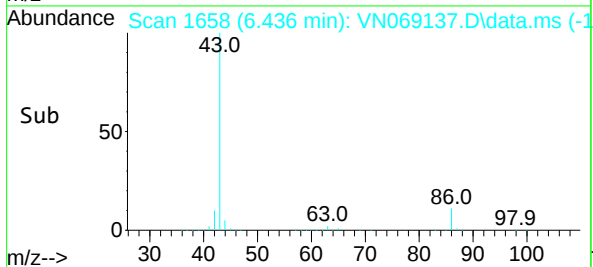
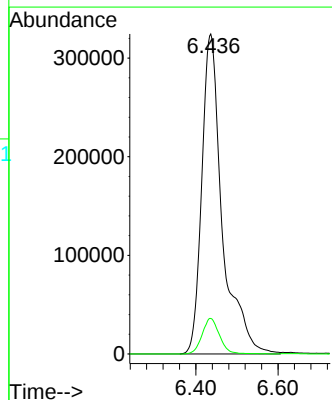
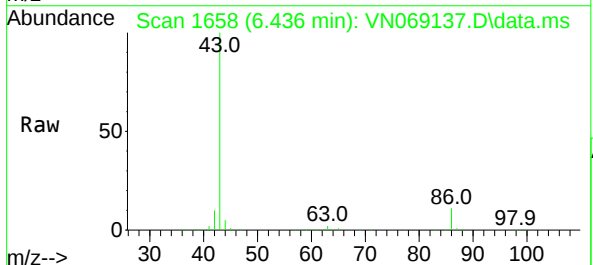
Instrument :
MSVOA_N
ClientSampleId :

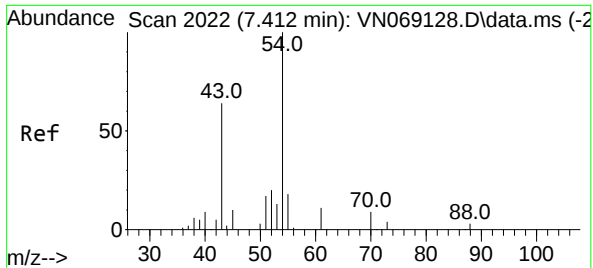
Tgt Ion: 83 Resp: 143547
Ion Ratio Lower Upper
83 100
85 63.5 54.1 81.1
127 8.6 7.6 11.4



#42
Vinyl Acetate
Concen: 106.993 ug/l
RT: 6.436 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN069137.D
Acq: 22 Oct 2021 16:05

Tgt Ion: 43 Resp: 1126206
Ion Ratio Lower Upper
43 100
86 9.3 7.5 11.3

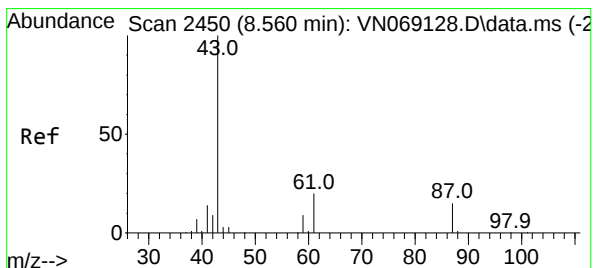
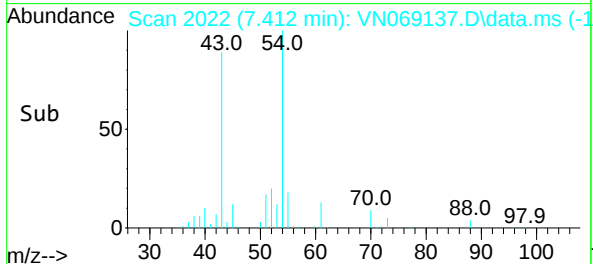
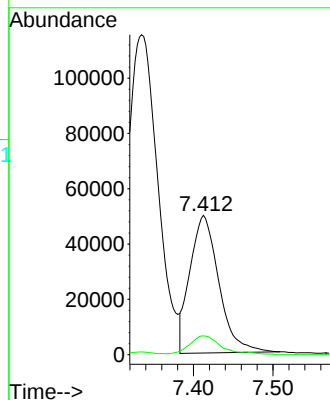
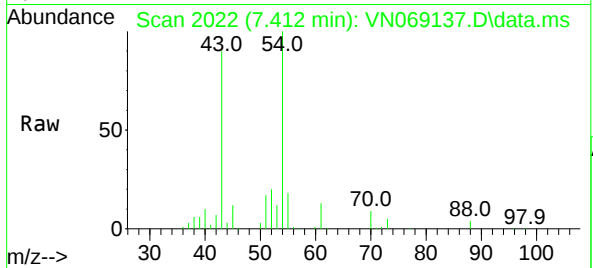




#43
Ethyl Acetate
Concen: 21.791 ug/l
RT: 7.412 min Scan# 2022
Delta R.T. 0.000 min
Lab File: VN069137.D
Acq: 22 Oct 2021 16:05

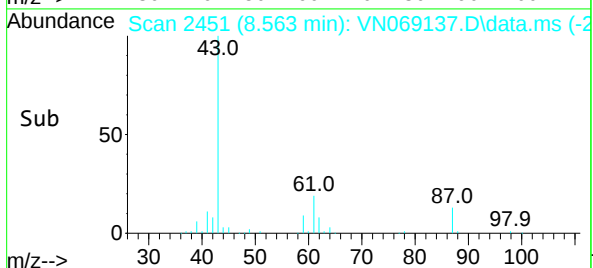
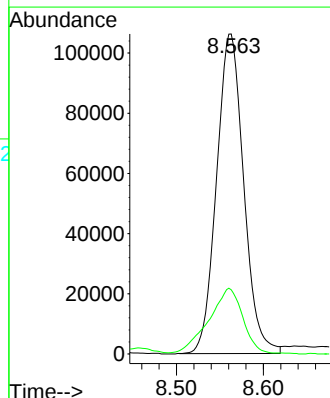
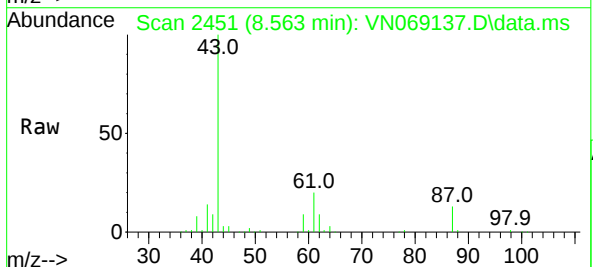
Instrument :
MSVOA_N
ClientSampleId :

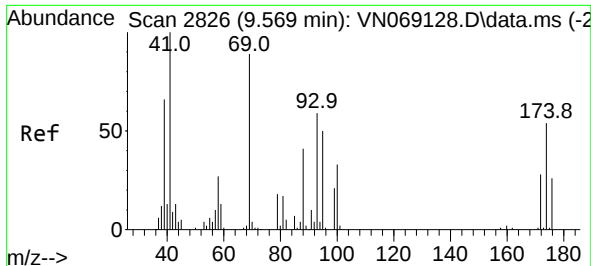
Tgt Ion: 43 Resp: 125393
Ion Ratio Lower Upper
43 100
45 12.8 10.6 16.0



#44
Isopropyl Acetate
Concen: 21.643 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.003 min
Lab File: VN069137.D
Acq: 22 Oct 2021 16:05

Tgt Ion: 43 Resp: 230606
Ion Ratio Lower Upper
43 100
61 25.2 20.1 30.1

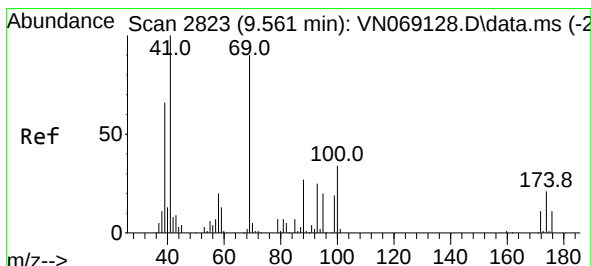
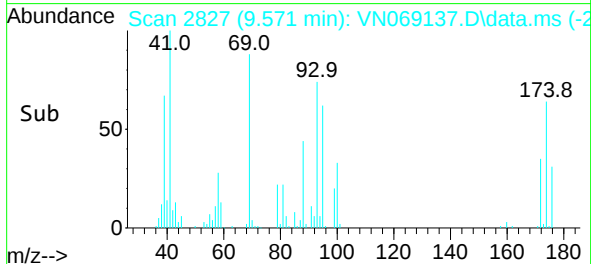
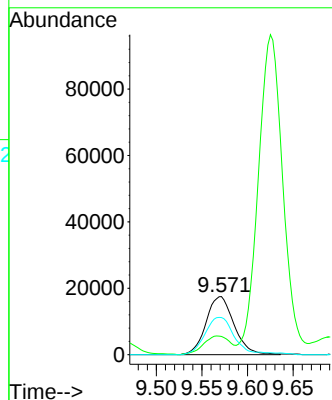
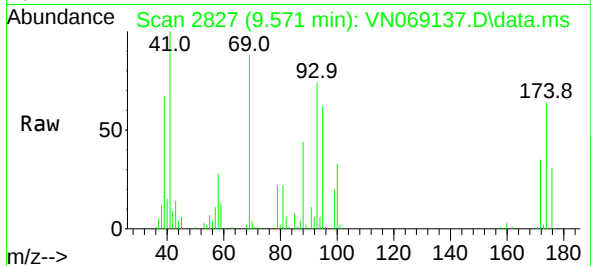




#45
1,4-Dioxane
Concen: 438.651 ug/l
RT: 9.571 min Scan# 2827
Delta R.T. 0.003 min
Lab File: VN069137.D
Acq: 22 Oct 2021 16:05

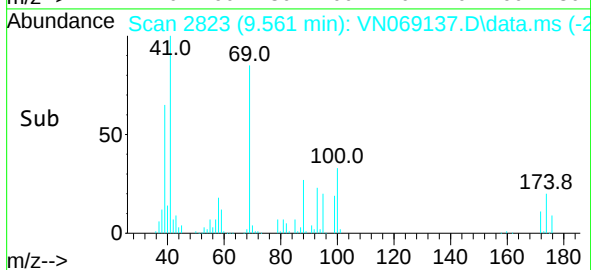
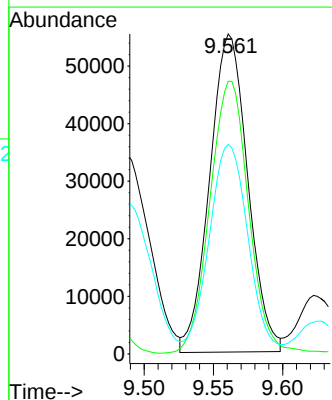
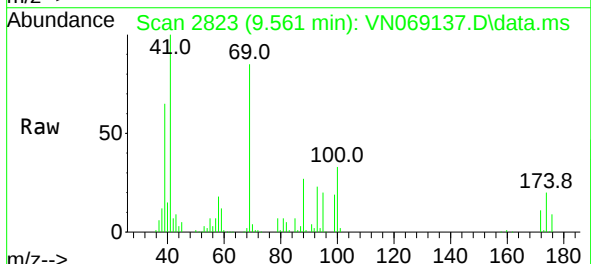
Instrument :
MSVOA_N
ClientSampleId :

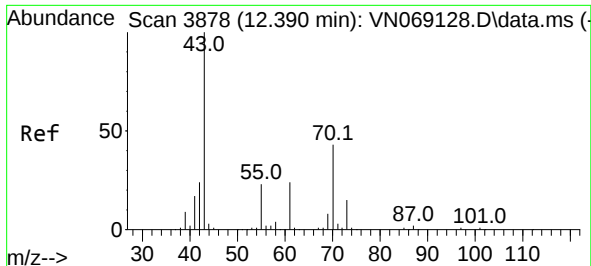
Tgt Ion: 88 Resp: 37406
Ion Ratio Lower Upper
88 100
43 31.1 25.0 37.6
58 65.3 49.4 74.2



#46
Methyl methacrylate
Concen: 21.901 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. 0.000 min
Lab File: VN069137.D
Acq: 22 Oct 2021 16:05

Tgt Ion: 41 Resp: 105485
Ion Ratio Lower Upper
41 100
69 87.9 44.4 133.2
39 65.7 39.9 119.6

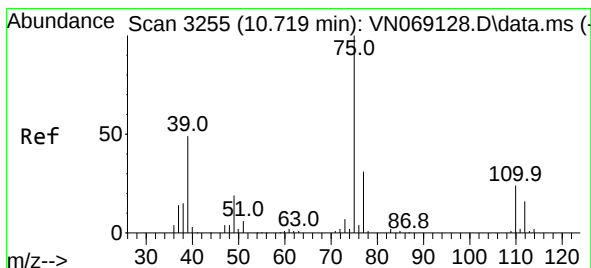
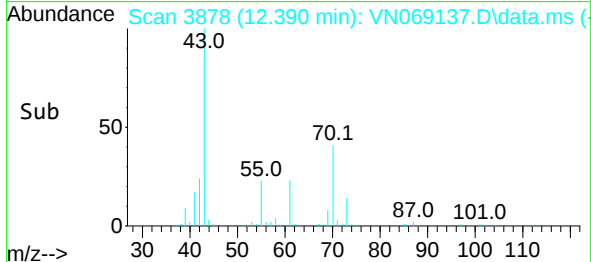
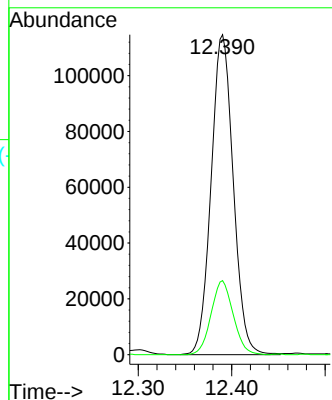
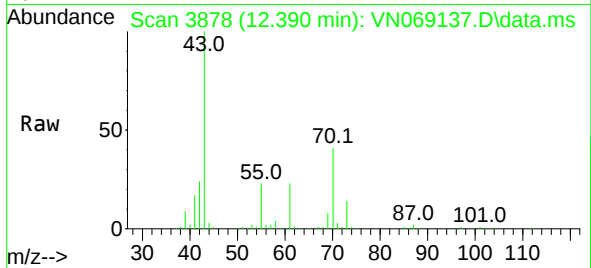




#47
n-amyl acetate
Concen: 20.898 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VN069137.D
Acq: 22 Oct 2021 16:05

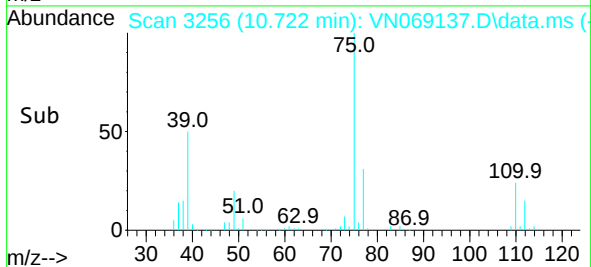
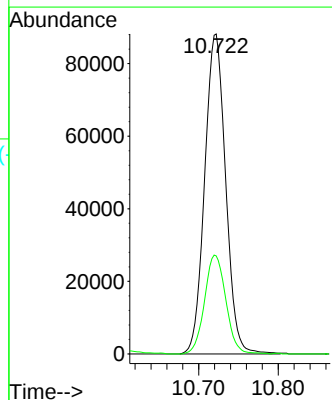
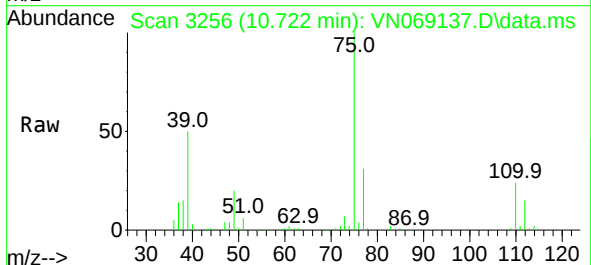
Instrument :
MSVOA_N
ClientSampleId :

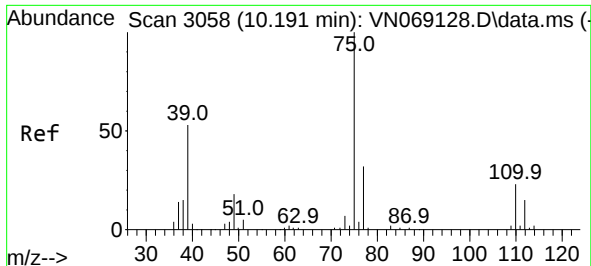
Tgt Ion: 43 Resp: 189040
Ion Ratio Lower Upper
43 100
55 23.1 19.0 28.6



#48
t-1,3-Dichloropropene
Concen: 21.427 ug/l
RT: 10.722 min Scan# 3256
Delta R.T. 0.003 min
Lab File: VN069137.D
Acq: 22 Oct 2021 16:05

Tgt Ion: 75 Resp: 161970
Ion Ratio Lower Upper
75 100
77 30.7 25.3 37.9





#49

cis-1,3-Dichloropropene

Concen: 21.522 ug/l

RT: 10.191 min Scan# 3058

Delta R.T. 0.000 min

Lab File: VN069137.D

Acq: 22 Oct 2021 16:05

Instrument :

MSVOA_N

ClientSampleId :

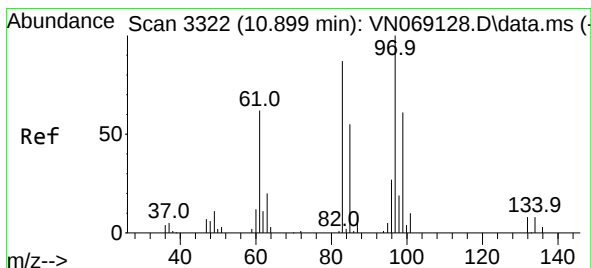
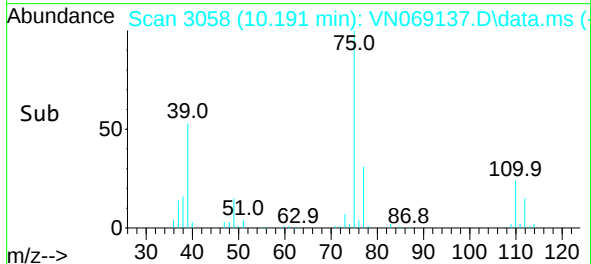
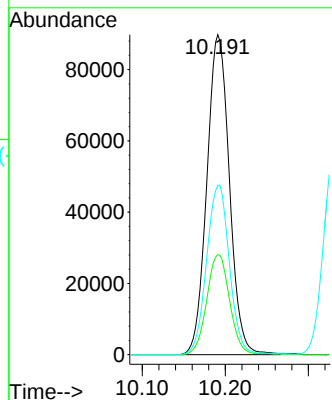
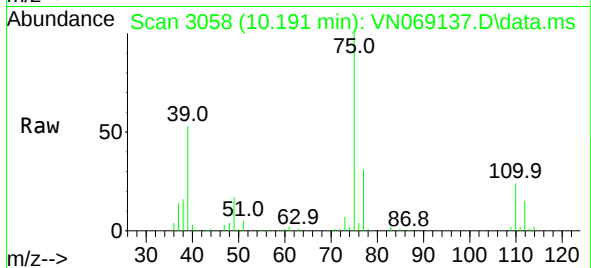
Tgt Ion: 75 Resp: 169414

Ion Ratio Lower Upper

75 100

77 31.3 25.3 37.9

39 53.0 46.2 69.4



#50

1,1,2-Trichloroethane

Concen: 21.974 ug/l

RT: 10.899 min Scan# 3322

Delta R.T. 0.000 min

Lab File: VN069137.D

Acq: 22 Oct 2021 16:05

Tgt Ion: 97 Resp: 103145

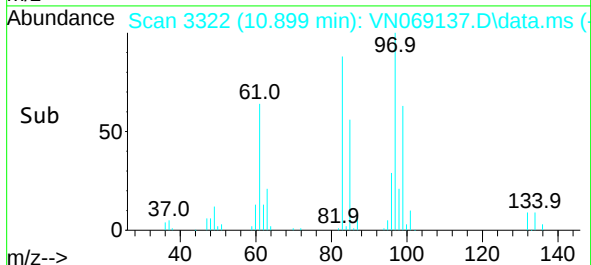
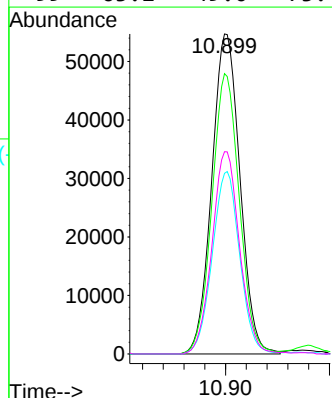
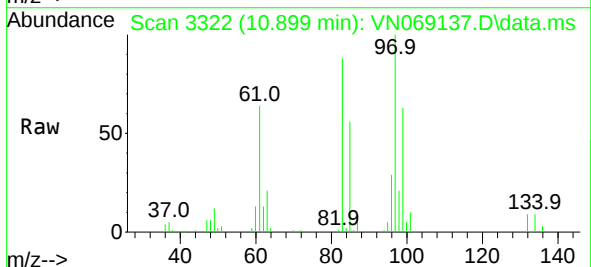
Ion Ratio Lower Upper

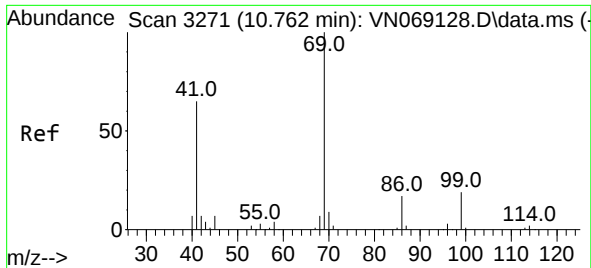
97 100

83 87.6 67.2 100.8

85 56.4 43.0 64.4

99 63.2 49.0 73.4

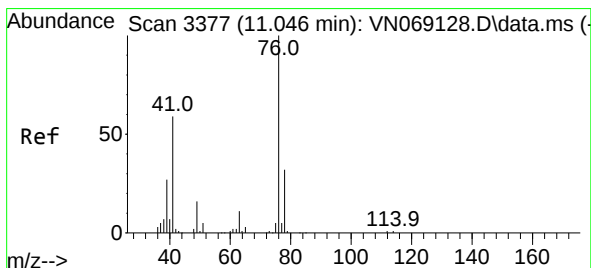
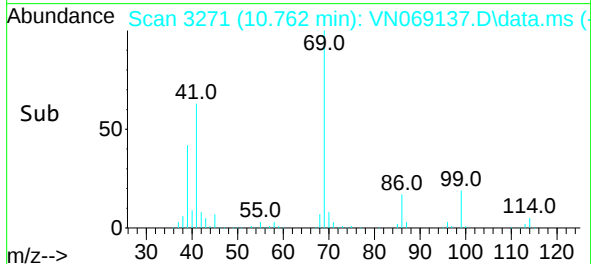
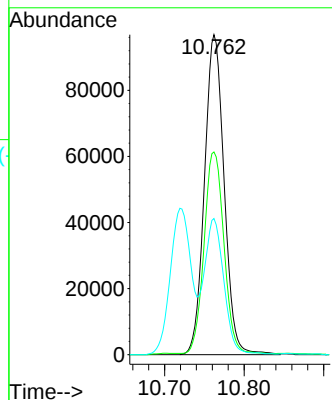
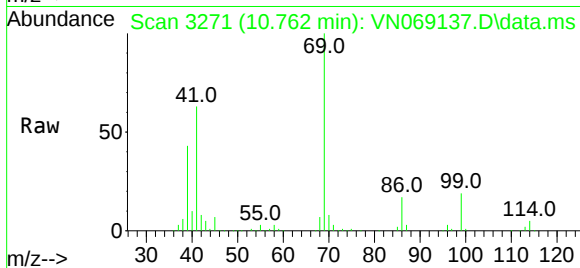




#51
Ethyl methacrylate
Concen: 21.569 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN069137.D
Acq: 22 Oct 2021 16:05

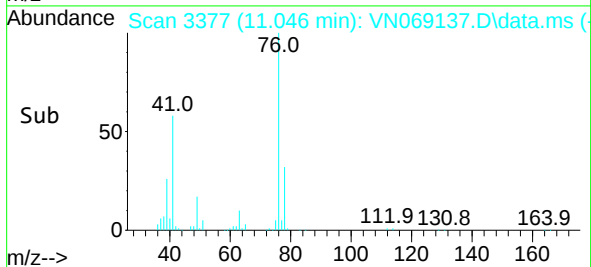
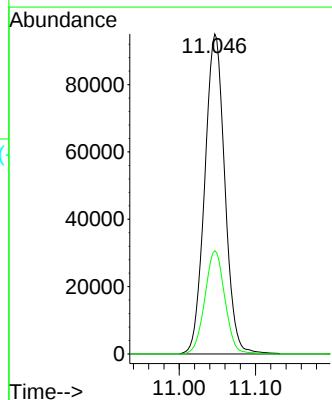
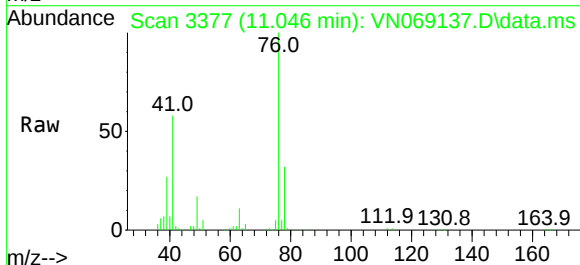
Instrument :
MSVOA_N
ClientSampleId :

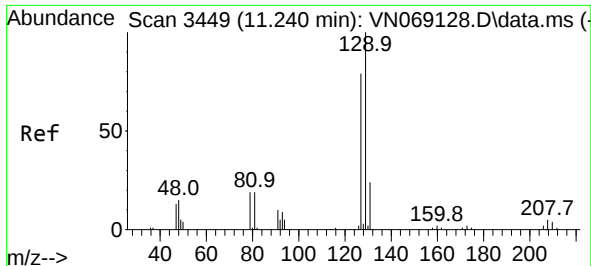
Tgt Ion: 69 Resp: 166893
Ion Ratio Lower Upper
69 100
41 62.9 33.0 98.9
39 42.3 25.4 76.4



#52
1,3-Dichloropropane
Concen: 21.981 ug/l
RT: 11.046 min Scan# 3377
Delta R.T. 0.000 min
Lab File: VN069137.D
Acq: 22 Oct 2021 16:05

Tgt Ion: 76 Resp: 173590
Ion Ratio Lower Upper
76 100
78 32.1 0.0 65.4

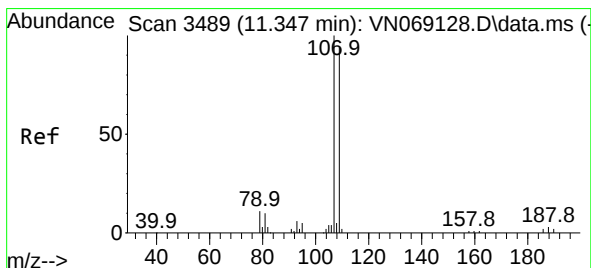
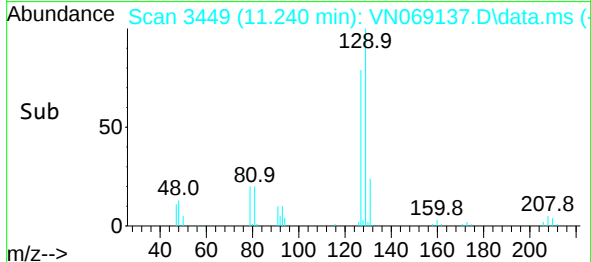
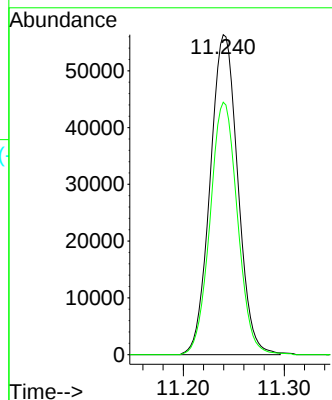
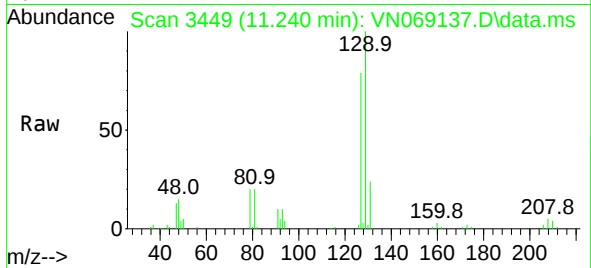




#53
Dibromochloromethane
Concen: 21.398 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. 0.000 min
Lab File: VN069137.D
Acq: 22 Oct 2021 16:05

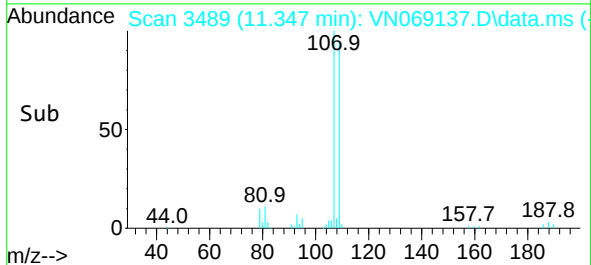
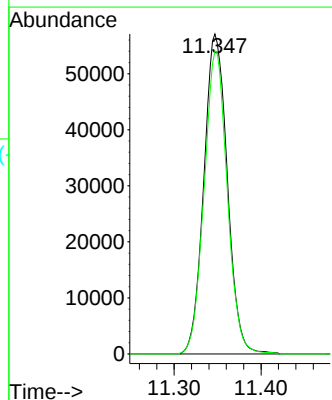
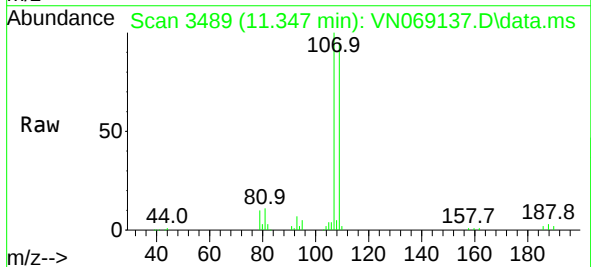
Instrument :
MSVOA_N
ClientSampleId :

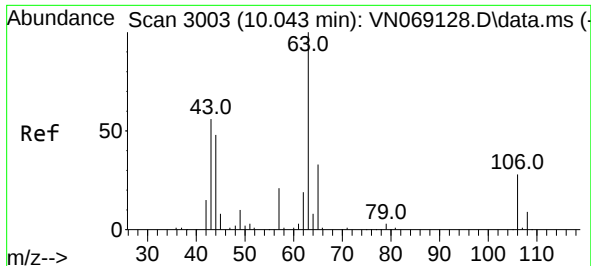
Tgt Ion:129 Resp: 107224
Ion Ratio Lower Upper
129 100
127 78.2 39.0 117.0



#54
1,2-Dibromoethane
Concen: 21.785 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. 0.000 min
Lab File: VN069137.D
Acq: 22 Oct 2021 16:05

Tgt Ion:107 Resp: 106896
Ion Ratio Lower Upper
107 100
109 93.5 72.8 109.2

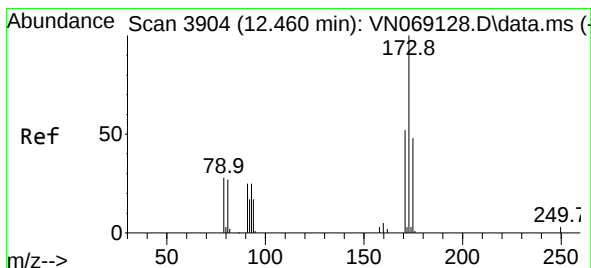
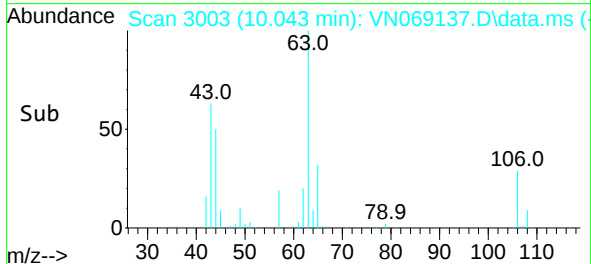
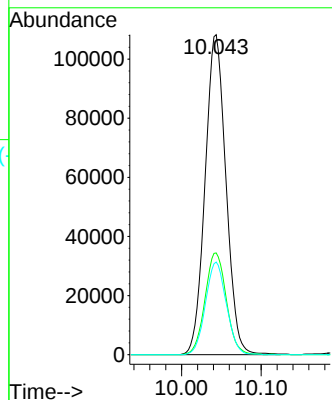
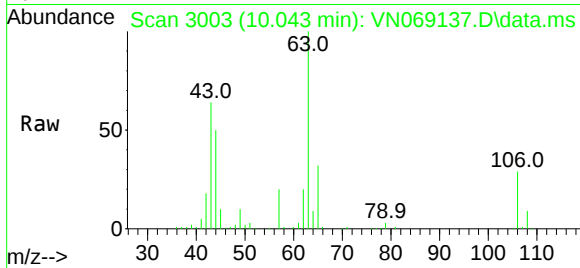




#55
 2-Chloroethyl vinyl ether
 Concen: 80.342 ug/l
 RT: 10.043 min Scan# 3003
 Delta R.T. 0.000 min
 Lab File: VN069137.D
 Acq: 22 Oct 2021 16:05

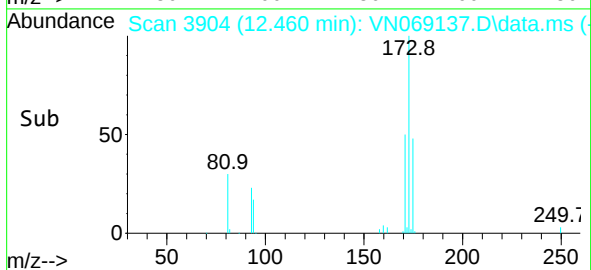
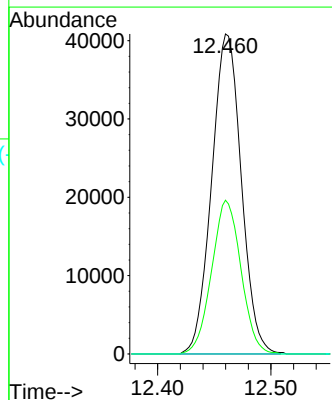
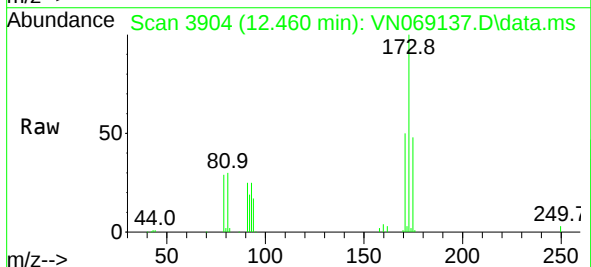
Instrument :
 MSVOA_N
 ClientSampleId :

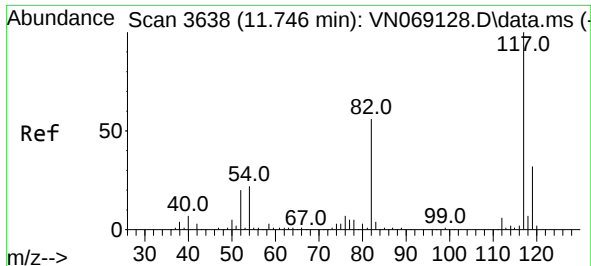
Tgt Ion: 63 Resp: 197371
 Ion Ratio Lower Upper
 63 100
 65 32.4 25.4 38.0
 106 29.0 23.2 34.8



#56
 Bromoform
 Concen: 20.544 ug/l
 RT: 12.460 min Scan# 3904
 Delta R.T. 0.000 min
 Lab File: VN069137.D
 Acq: 22 Oct 2021 16:05

Tgt Ion: 173 Resp: 74204
 Ion Ratio Lower Upper
 173 100
 175 47.5 38.6 58.0
 254 0.0 0.0 0.0





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.746 min Scan# 3

Delta R.T. 0.000 min

Lab File: VN069137.D

Acq: 22 Oct 2021 16:05

Instrument :

MSVOA_N

ClientSampleId :

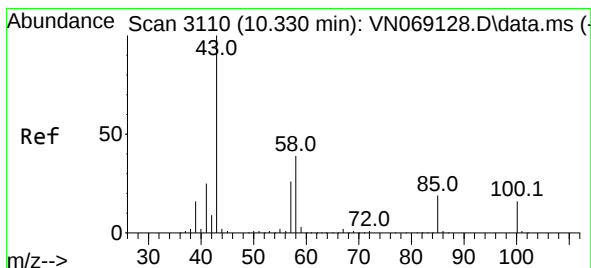
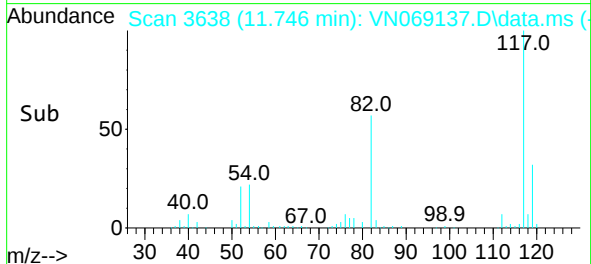
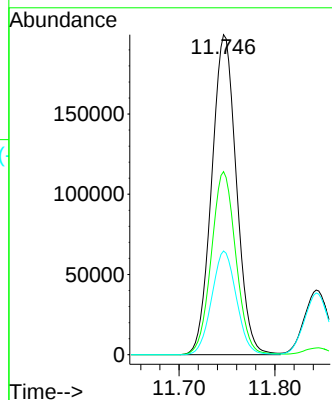
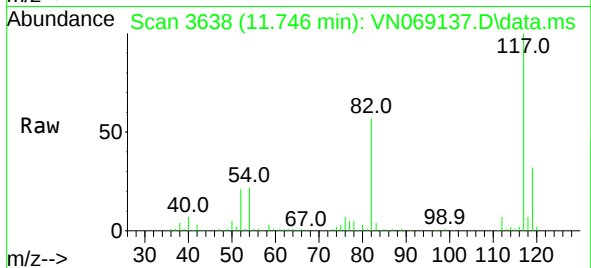
Tgt Ion:117 Resp: 357121

Ion Ratio Lower Upper

117 100

82 56.9 43.6 65.4

119 32.4 25.8 38.6



#58

4-Methyl-2-Pentanone

Concen: 110.586 ug/l

RT: 10.330 min Scan# 3110

Delta R.T. 0.000 min

Lab File: VN069137.D

Acq: 22 Oct 2021 16:05

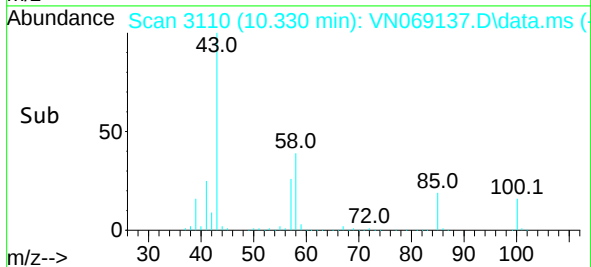
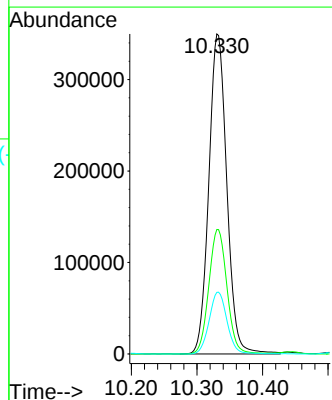
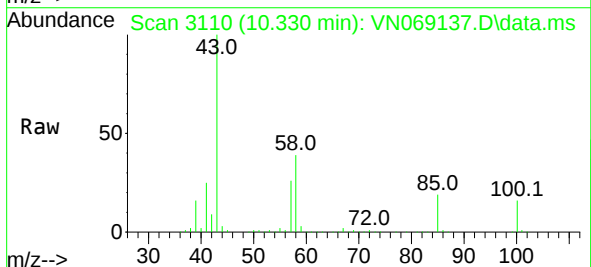
Tgt Ion: 43 Resp: 666260

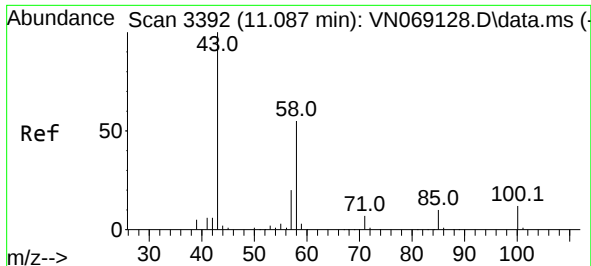
Ion Ratio Lower Upper

43 100

58 39.2 30.0 45.0

85 19.2 15.0 22.6

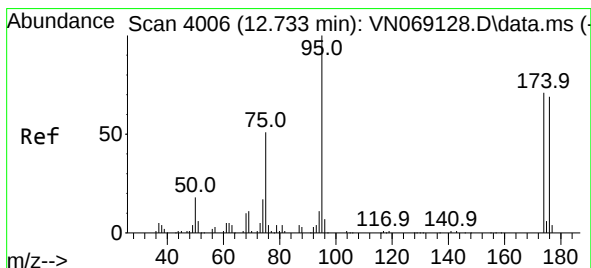
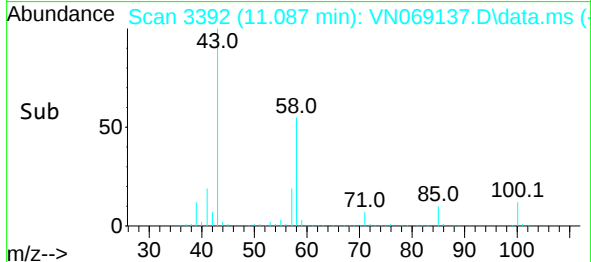
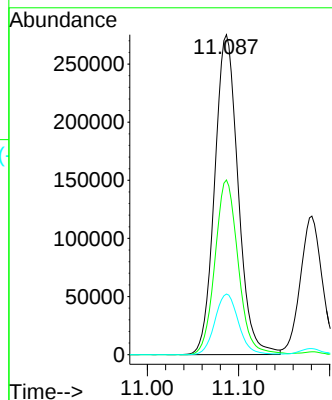
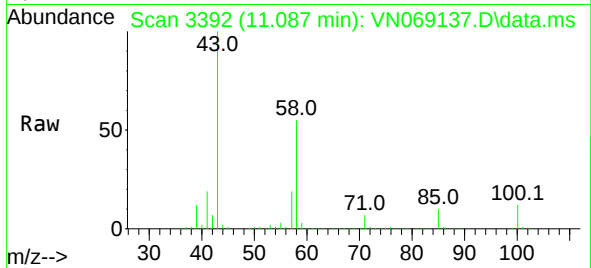




#59
2-Hexanone
Concen: 108.038 ug/l
RT: 11.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069137.D
Acq: 22 Oct 2021 16:05

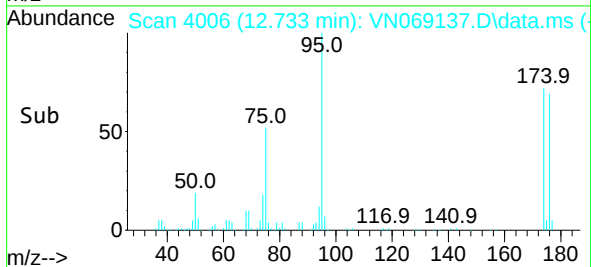
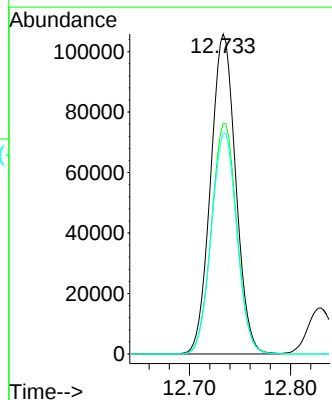
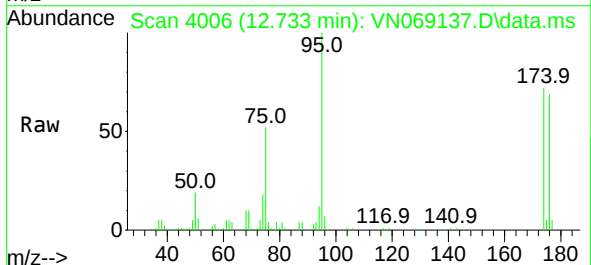
Instrument :
MSVOA_N
ClientSampleId :

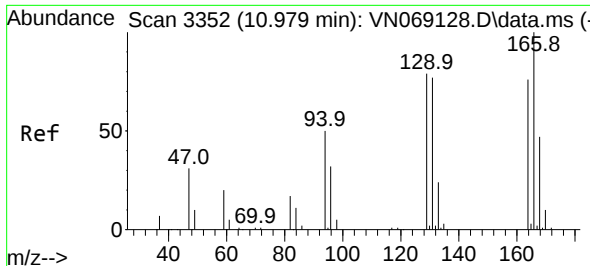
Tgt Ion: 43 Resp: 491547
Ion Ratio Lower Upper
43 100
58 54.2 42.2 63.2
57 19.2 15.0 22.4



#60
4-Bromofluorobenzene
Concen: 29.828 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN069137.D
Acq: 22 Oct 2021 16:05

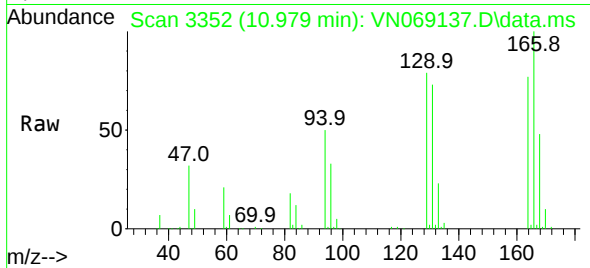
Tgt Ion: 95 Resp: 182652
Ion Ratio Lower Upper
95 100
174 72.9 62.9 94.3
176 70.0 61.0 91.4



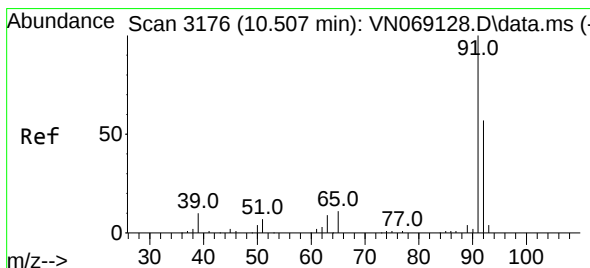
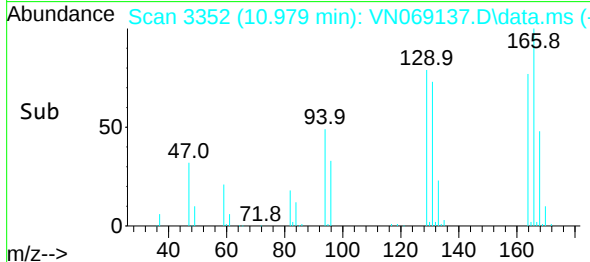
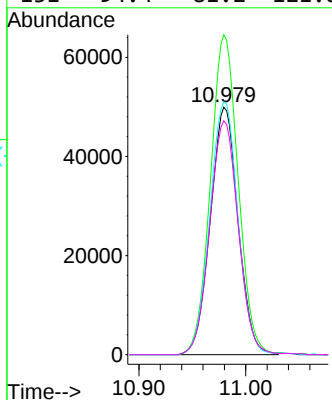


#61
Tetrachloroethene
Concen: 23.266 ug/l
RT: 10.979 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069137.D
Acq: 22 Oct 2021 16:05

Instrument :
MSVOA_N
ClientSampleId :

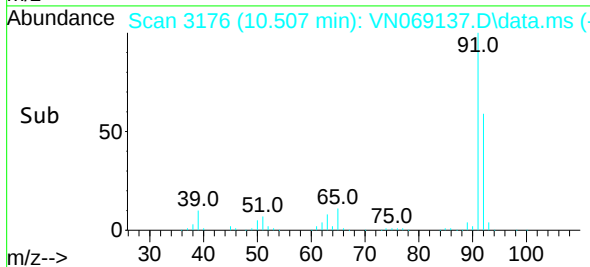
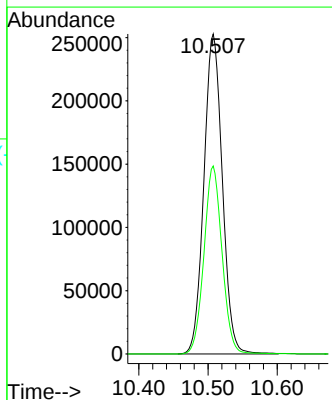
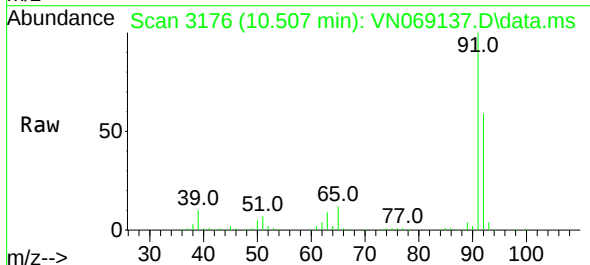


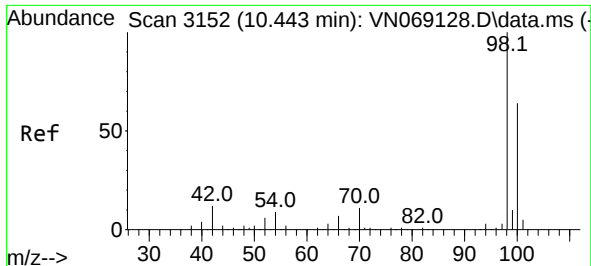
Tgt Ion:164 Resp: 90301
Ion Ratio Lower Upper
164 100
166 129.3 105.8 158.8
129 102.2 82.5 123.7
131 94.4 81.2 121.8



#62
Toluene
Concen: 22.518 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN069137.D
Acq: 22 Oct 2021 16:05

Tgt Ion: 91 Resp: 468402
Ion Ratio Lower Upper
91 100
92 57.6 44.6 67.0

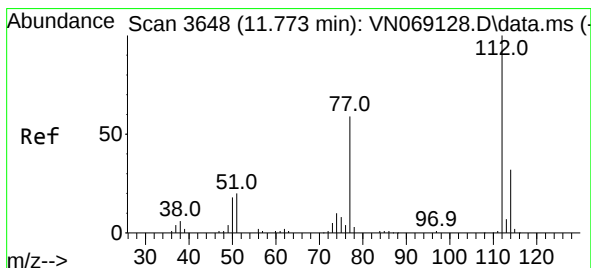
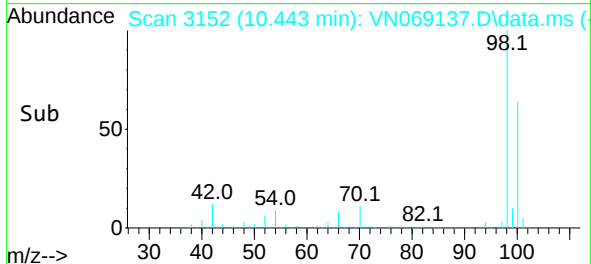
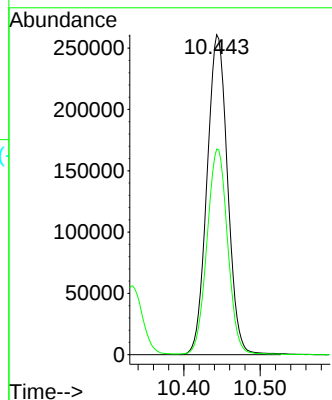
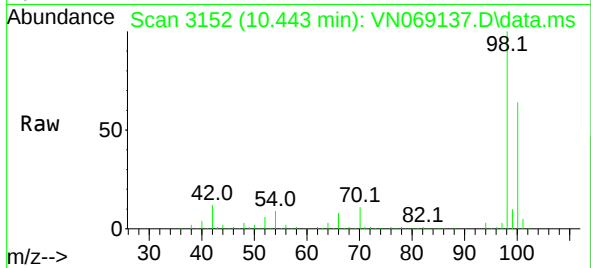




#63
Toluene-d8
Concen: 30.336 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069137.D
Acq: 22 Oct 2021 16:05

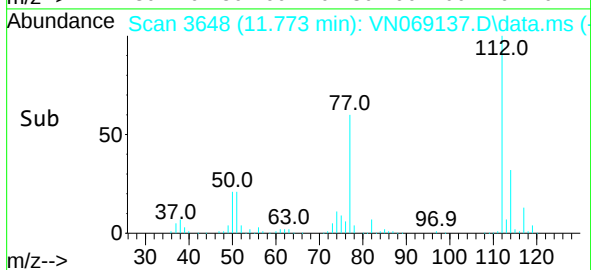
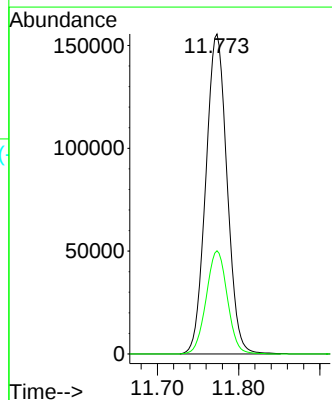
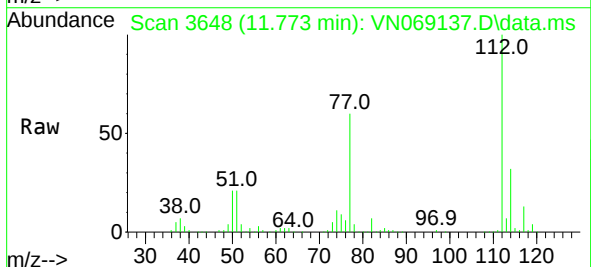
Instrument :
MSVOA_N
ClientSampleId :

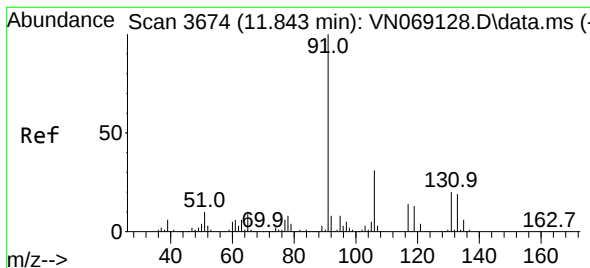
Tgt Ion: 98 Resp: 489462
Ion Ratio Lower Upper
98 100
100 63.7 50.6 76.0



#64
Chlorobenzene
Concen: 22.383 ug/l
RT: 11.773 min Scan# 3648
Delta R.T. 0.000 min
Lab File: VN069137.D
Acq: 22 Oct 2021 16:05

Tgt Ion: 112 Resp: 282373
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6

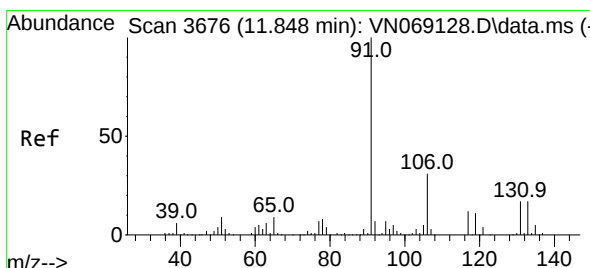
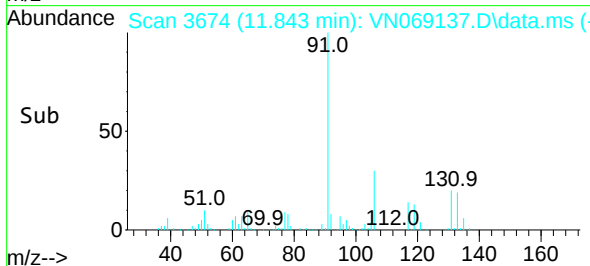
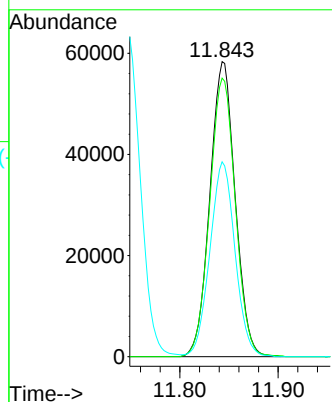
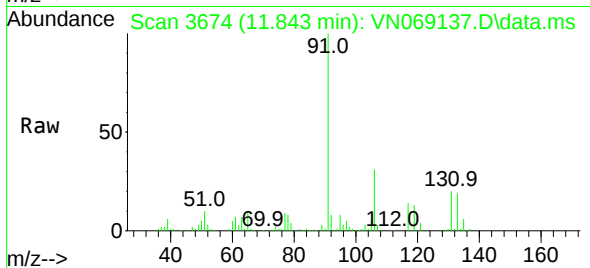




#65
 1,1,1,2-Tetrachloroethane
 Concen: 22.254 ug/l
 RT: 11.843 min Scan# 3674
 Delta R.T. 0.000 min
 Lab File: VN069137.D
 Acq: 22 Oct 2021 16:05

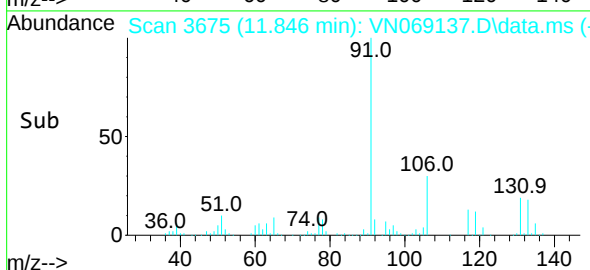
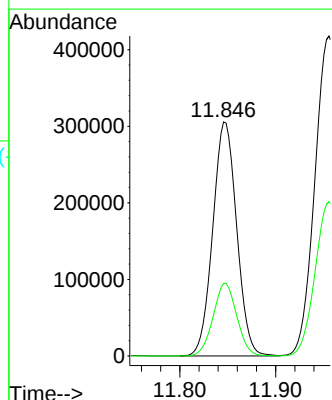
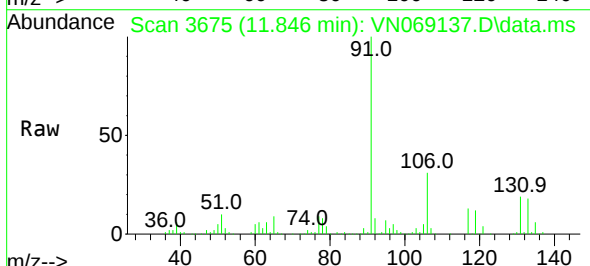
Instrument :
 MSVOA_N
 ClientSampleId :

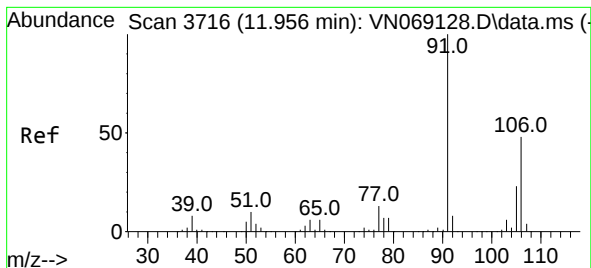
Tgt Ion:131 Resp: 104451
 Ion Ratio Lower Upper
 131 100
 133 95.8 0.0 191.2
 119 65.7 0.0 128.8



#66
 Ethyl Benzene
 Concen: 22.611 ug/l
 RT: 11.846 min Scan# 3675
 Delta R.T. -0.003 min
 Lab File: VN069137.D
 Acq: 22 Oct 2021 16:05

Tgt Ion: 91 Resp: 528786
 Ion Ratio Lower Upper
 91 100
 106 31.1 24.0 36.0





#67

m/p-Xylenes

Concen: 45.341 ug/l

RT: 11.956 min Scan# 3716

Delta R.T. 0.000 min

Lab File: VN069137.D

Acq: 22 Oct 2021 16:05

Instrument :

MSVOA_N

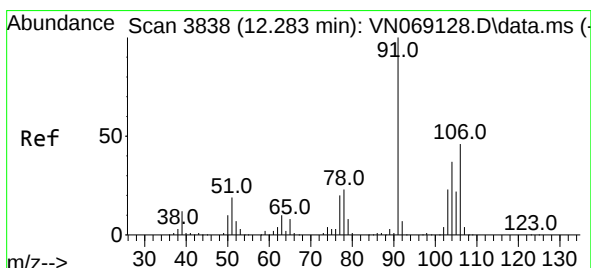
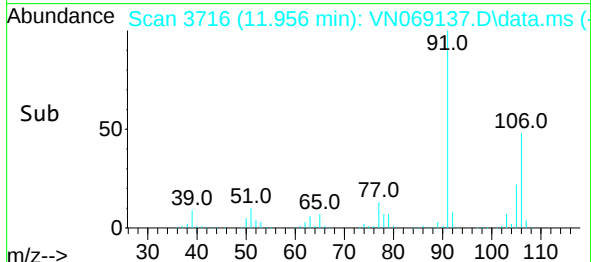
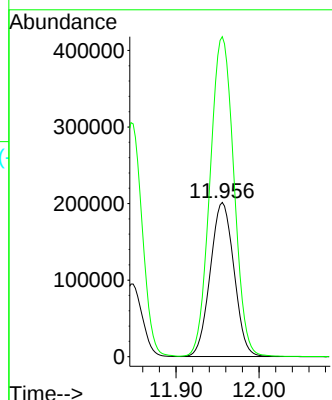
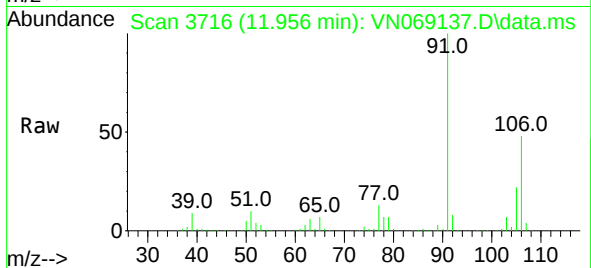
ClientSampleId :

Tgt Ion:106 Resp: 398753

Ion Ratio Lower Upper

106 100

91 209.0 162.9 244.3



#68

o-Xylene

Concen: 22.204 ug/l

RT: 12.283 min Scan# 3838

Delta R.T. 0.000 min

Lab File: VN069137.D

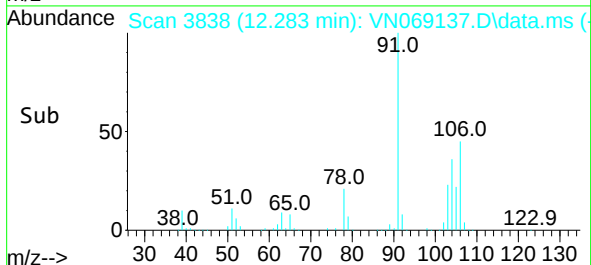
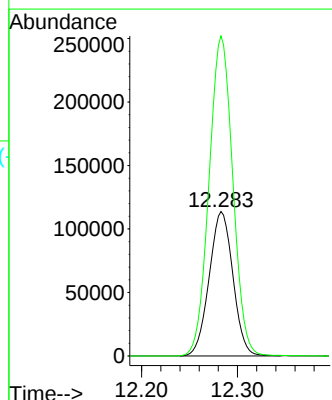
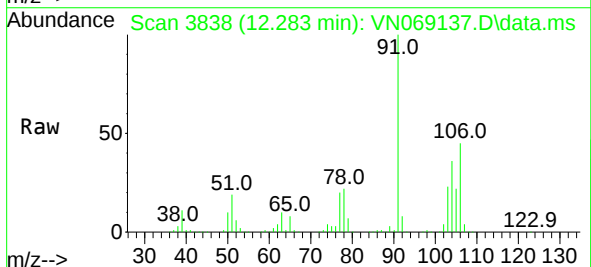
Acq: 22 Oct 2021 16:05

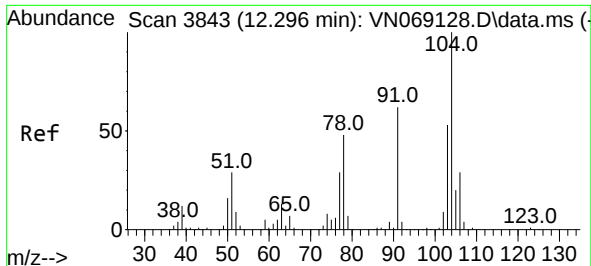
Tgt Ion:106 Resp: 195530

Ion Ratio Lower Upper

106 100

91 221.8 107.7 323.1

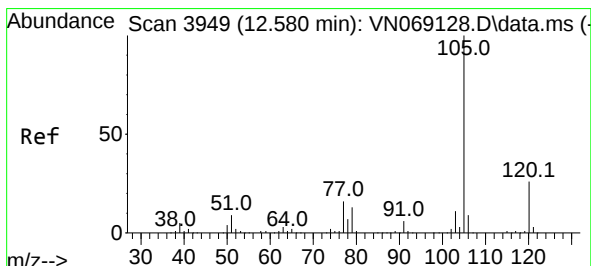
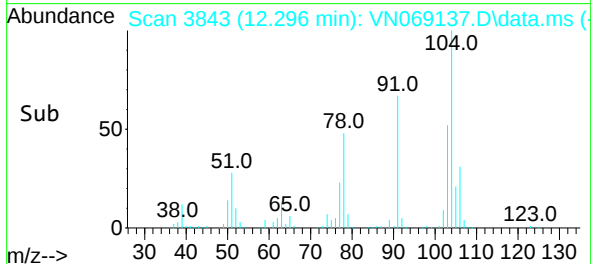
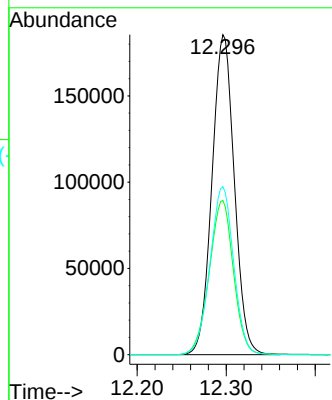
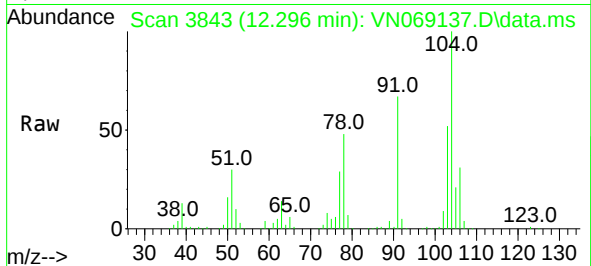




#69
Styrene
Concen: 22.171 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.000 min
Lab File: VN069137.D
Acq: 22 Oct 2021 16:05

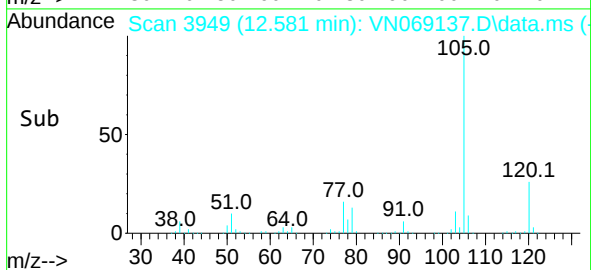
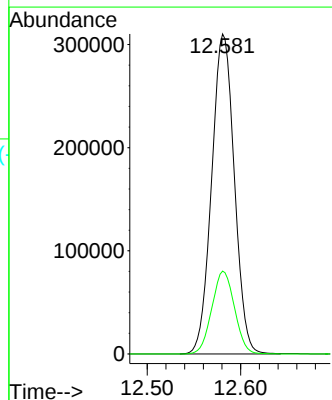
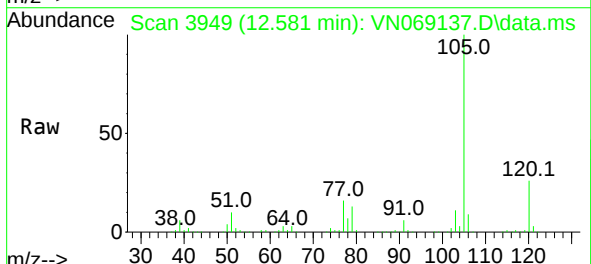
Instrument :
MSVOA_N
ClientSampleId :

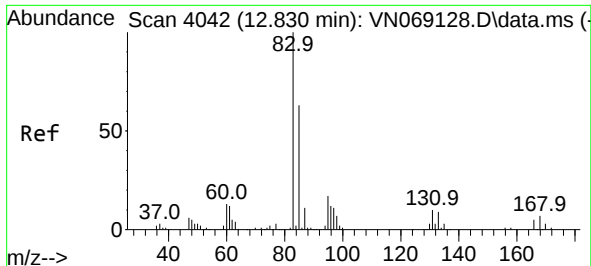
Tgt Ion:104 Resp: 323546
Ion Ratio Lower Upper
104 100
78 52.2 40.7 61.1
103 55.7 45.8 68.8



#70
Isopropylbenzene
Concen: 22.678 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN069137.D
Acq: 22 Oct 2021 16:05

Tgt Ion:105 Resp: 523558
Ion Ratio Lower Upper
105 100
120 25.9 18.3 34.1

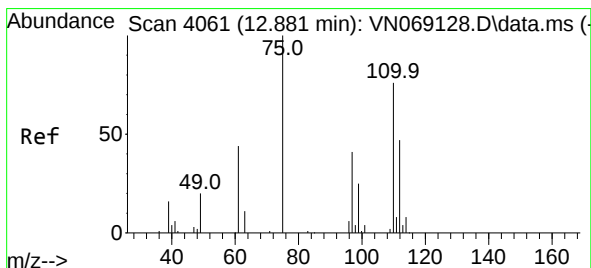
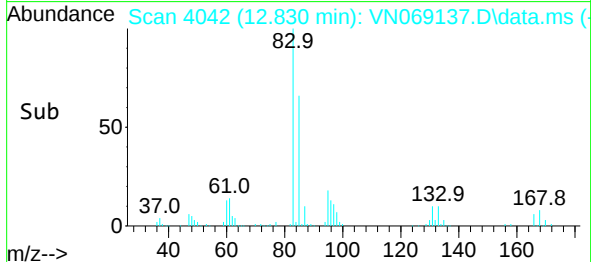
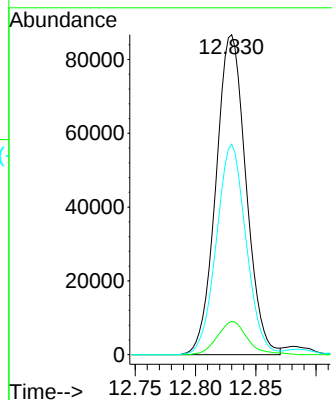
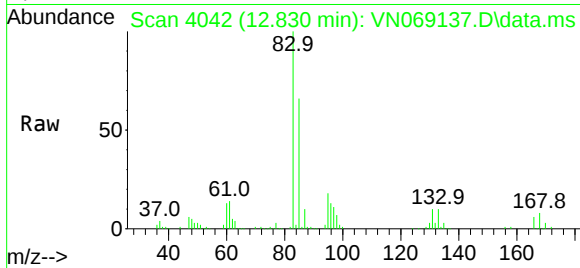




#71
 1,1,2,2-Tetrachloroethane
 Concen: 22.256 ug/l
 RT: 12.830 min Scan# 4042
 Delta R.T. 0.000 min
 Lab File: VN069137.D
 Acq: 22 Oct 2021 16:05

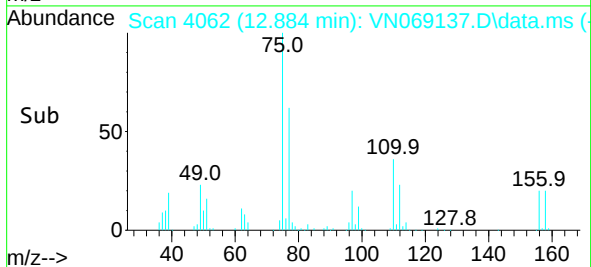
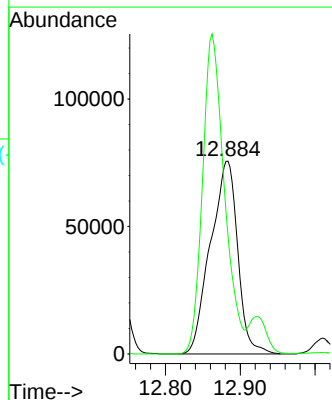
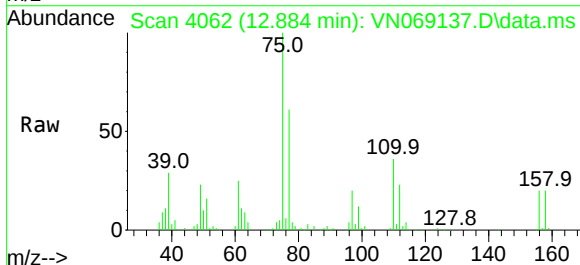
Instrument :
 MSVOA_N
 ClientSampleId :

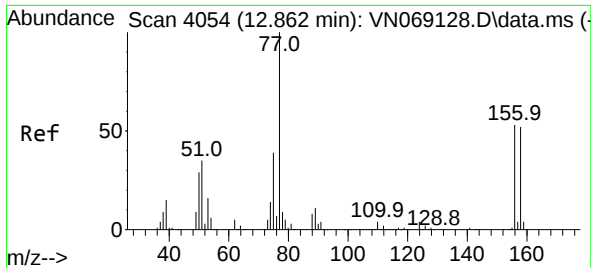
Tgt Ion: 83 Resp: 150597
 Ion Ratio Lower Upper
 83 100
 131 10.4 5.1 15.3
 85 64.8 33.1 99.2



#72
 1,2,3-Trichloropropane
 Concen: 32.913 ug/l
 RT: 12.884 min Scan# 4062
 Delta R.T. 0.003 min
 Lab File: VN069137.D
 Acq: 22 Oct 2021 16:05

Tgt Ion: 75 Resp: 191364
 Ion Ratio Lower Upper
 75 100
 77 133.2 0.0 378.0

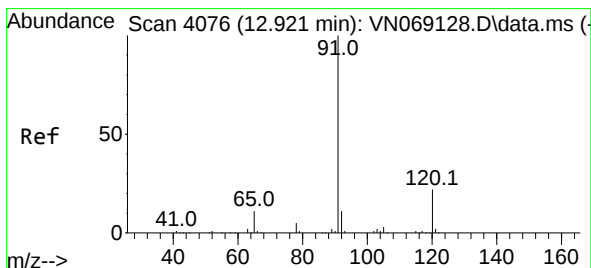
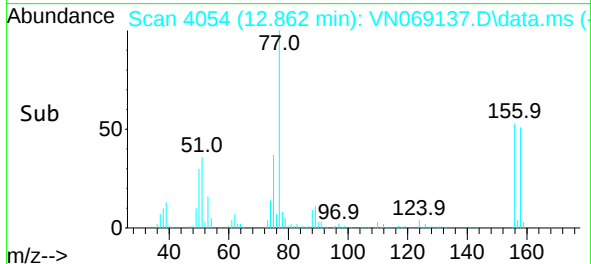
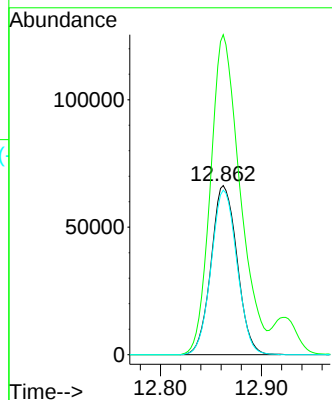
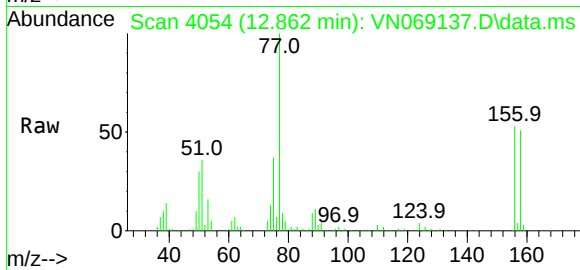




#73
Bromobenzene
Concen: 22.698 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN069137.D
Acq: 22 Oct 2021 16:05

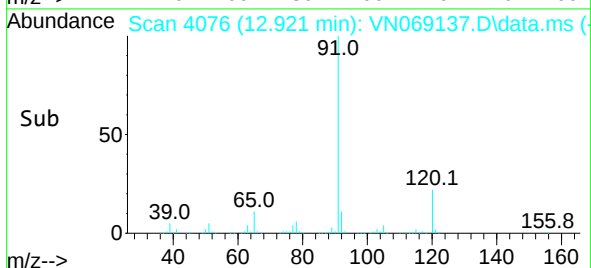
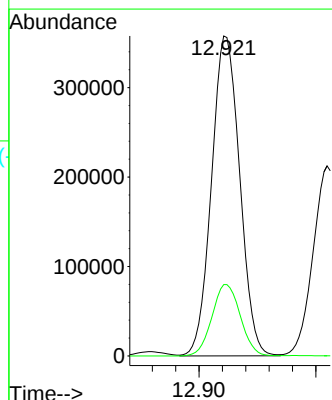
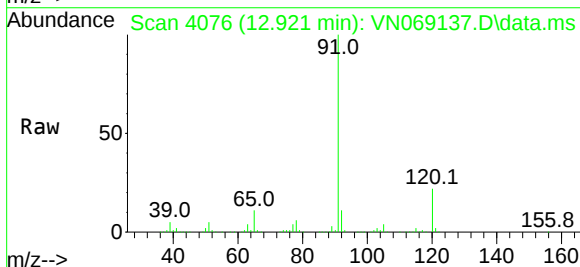
Instrument :
MSVOA_N
ClientSampleId :

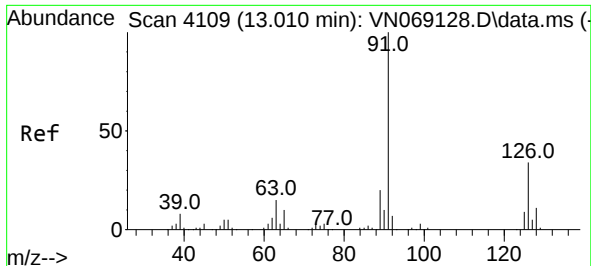
Tgt Ion:156 Resp: 118778
Ion Ratio Lower Upper
156 100
77 214.6 0.0 416.0
158 96.5 0.0 195.4



#74
n-propylbenzene
Concen: 22.587 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069137.D
Acq: 22 Oct 2021 16:05

Tgt Ion: 91 Resp: 598842
Ion Ratio Lower Upper
91 100
120 22.5 0.0 45.0

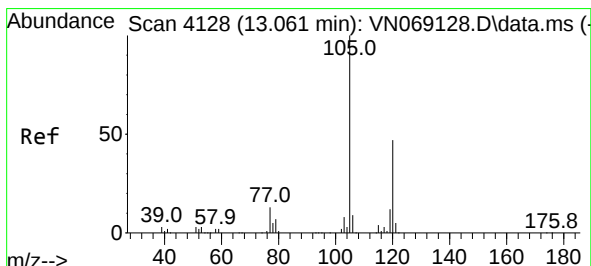
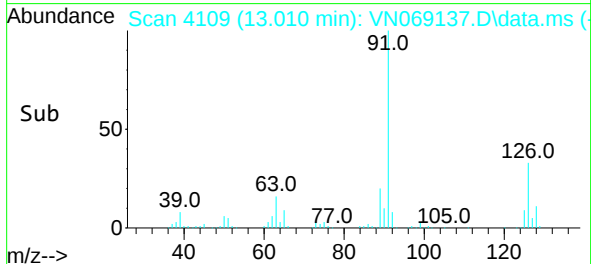
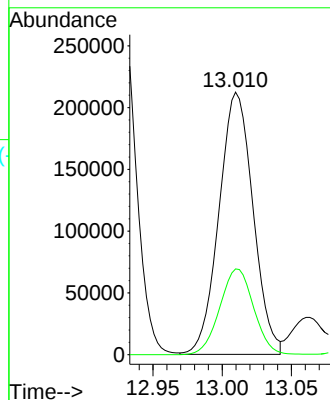
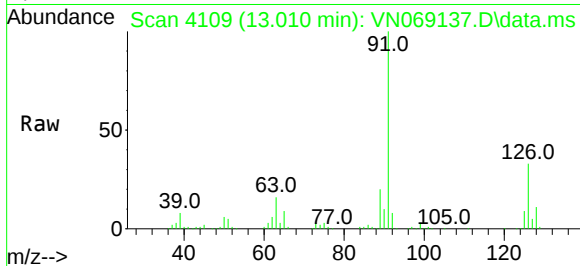




#75
2-Chlorotoluene
Concen: 22.379 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. 0.000 min
Lab File: VN069137.D
Acq: 22 Oct 2021 16:05

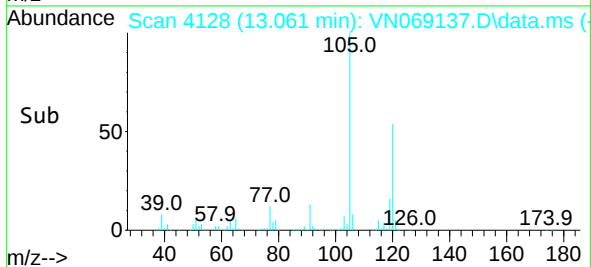
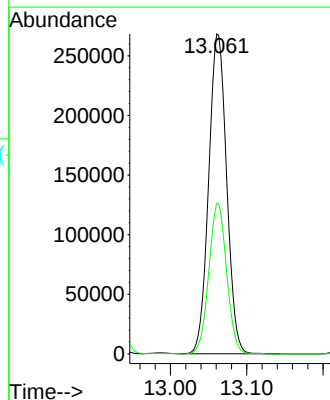
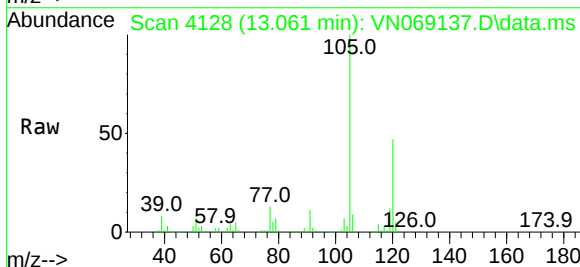
Instrument :
MSVOA_N
ClientSampleId :

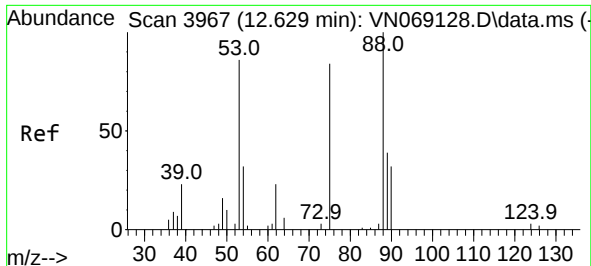
Tgt Ion: 91 Resp: 363308
Ion Ratio Lower Upper
91 100
126 32.6 0.0 69.8



#76
1,3,5-Trimethylbenzene
Concen: 22.751 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN069137.D
Acq: 22 Oct 2021 16:05

Tgt Ion: 105 Resp: 437767
Ion Ratio Lower Upper
105 100
120 46.8 0.0 93.8

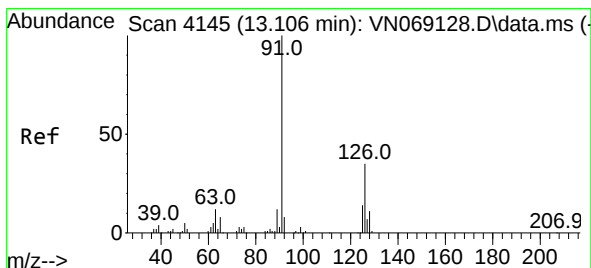
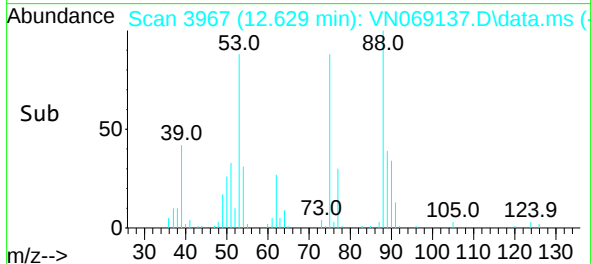
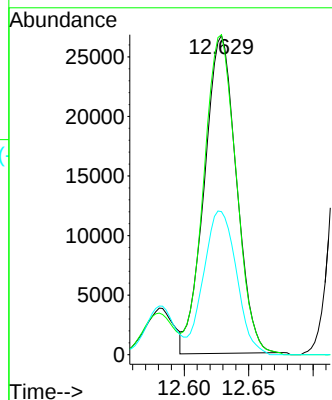
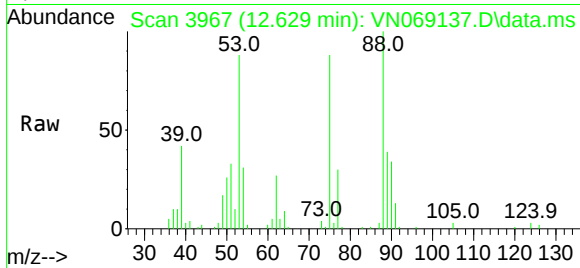




#77
t-1,4-Dichloro-2-butene
Concen: 20.244 ug/l
RT: 12.629 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VN069137.D
Acq: 22 Oct 2021 16:05

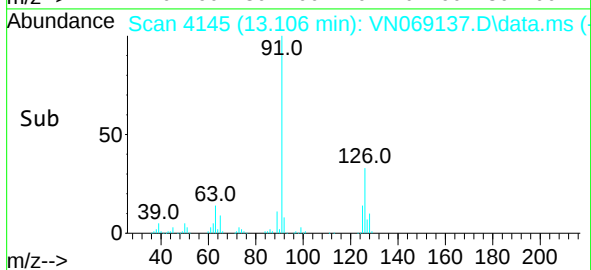
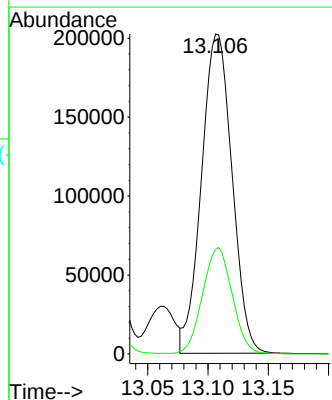
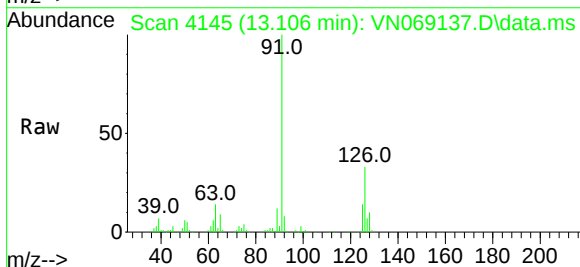
Instrument :
MSVOA_N
ClientSampleId :

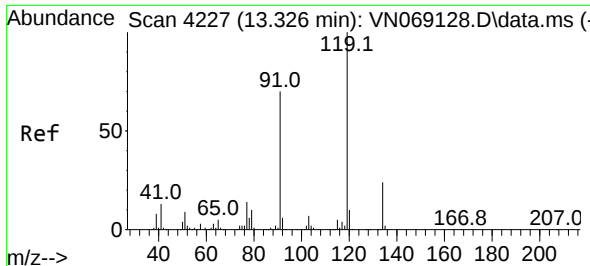
Tgt Ion: 75 Resp: 46032
Ion Ratio Lower Upper
75 100
53 100.2 51.8 155.5
89 45.1 22.9 68.7



#78
4-Chlorotoluene
Concen: 22.373 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN069137.D
Acq: 22 Oct 2021 16:05

Tgt Ion: 91 Resp: 355965
Ion Ratio Lower Upper
91 100
126 32.5 0.0 70.6

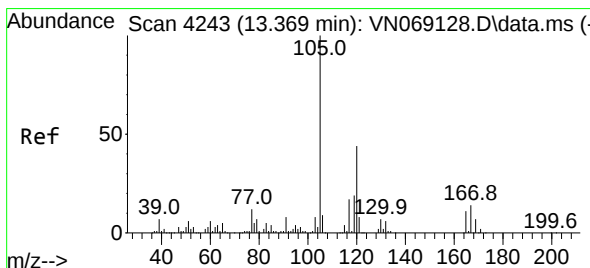
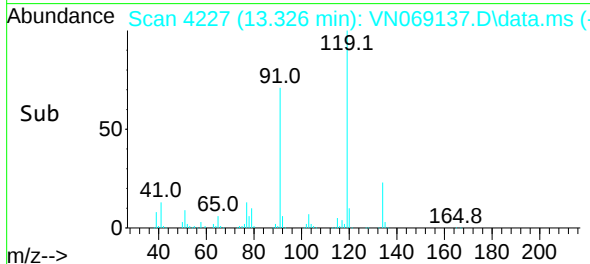
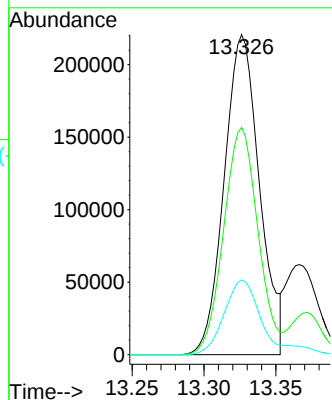
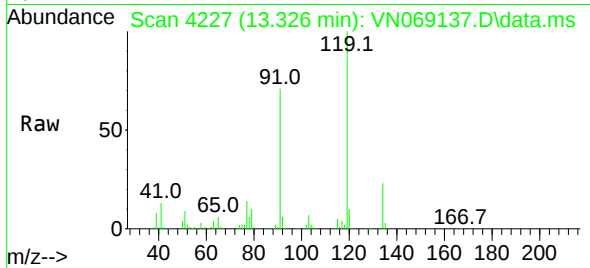




#79
tert-butylbenzene
Concen: 22.317 ug/l
RT: 13.326 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN069137.D
Acq: 22 Oct 2021 16:05

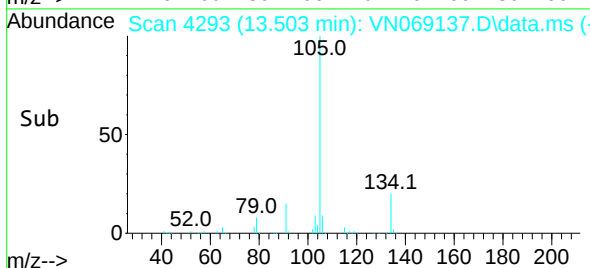
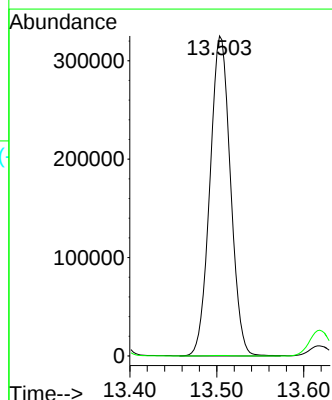
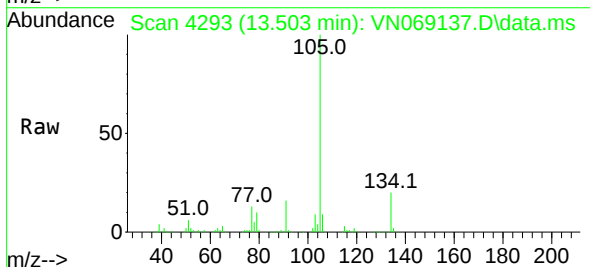
Instrument :
MSVOA_N
ClientSampleId :

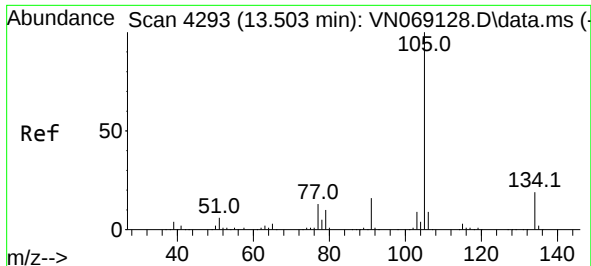
Tgt Ion:119 Resp: 377052
Ion Ratio Lower Upper
119 100
91 69.0 0.0 137.0
134 25.3 0.0 47.6



#80
1,2,4-Trimethylbenzene
Concen: 28.263 ug/l
RT: 13.503 min Scan# 4293
Delta R.T. 0.134 min
Lab File: VN069137.D
Acq: 22 Oct 2021 16:05

Tgt Ion:105 Resp: 533855
Ion Ratio Lower Upper
105 100
120 0.1 0.0 0.2

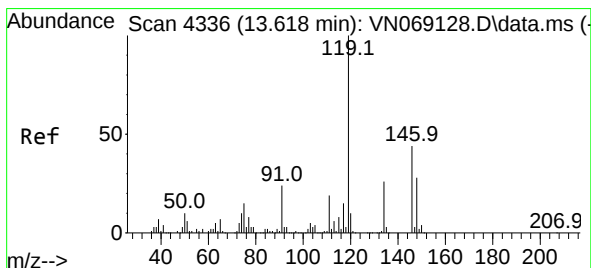
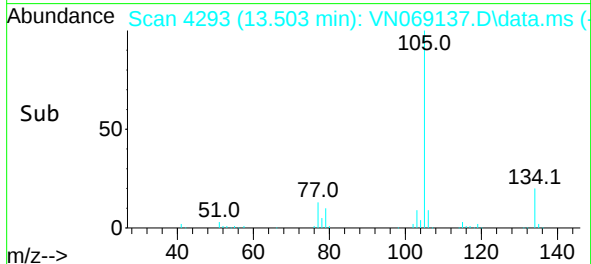
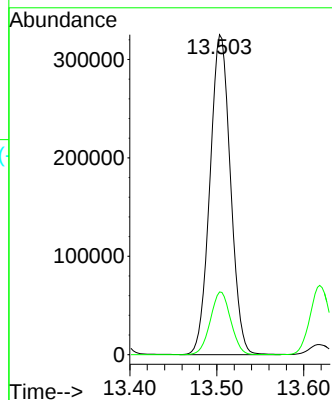
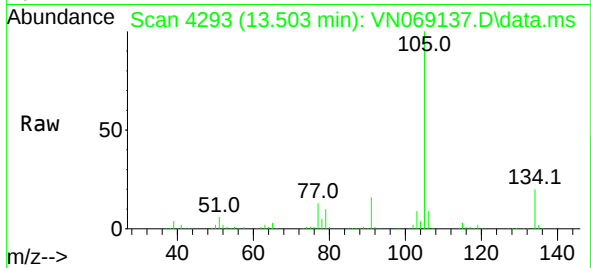




#81
 sec-Butylbenzene
 Concen: 22.572 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN069137.D
 Acq: 22 Oct 2021 16:05

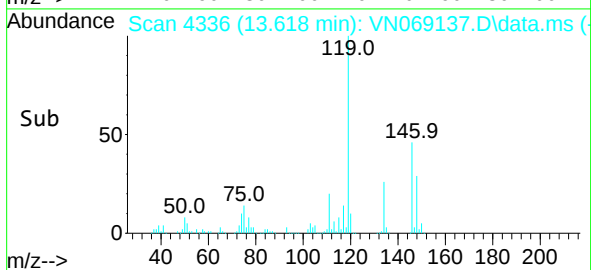
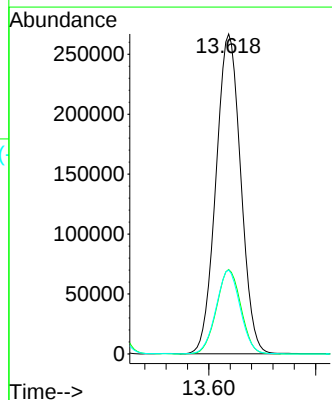
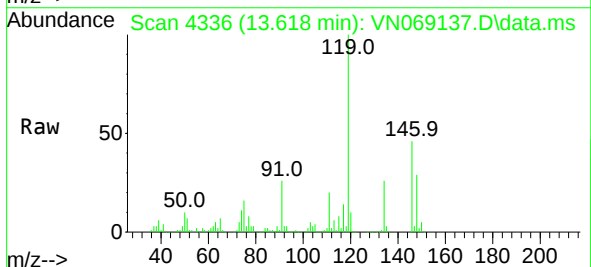
Instrument :
 MSVOA_N
 ClientSampleId :

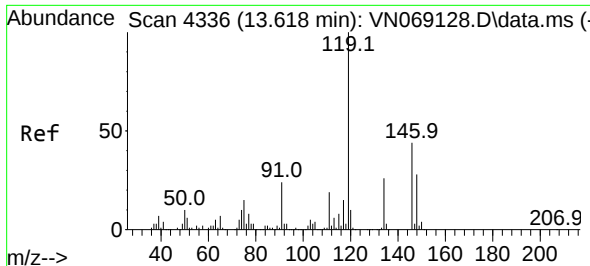
Tgt Ion:105 Resp: 533855
 Ion Ratio Lower Upper
 105 100
 134 19.5 0.0 39.4



#82
 p-Isopropyltoluene
 Concen: 22.270 ug/l
 RT: 13.618 min Scan# 4336
 Delta R.T. 0.000 min
 Lab File: VN069137.D
 Acq: 22 Oct 2021 16:05

Tgt Ion:119 Resp: 429633
 Ion Ratio Lower Upper
 119 100
 134 26.1 0.0 51.8
 91 25.7 0.0 50.4

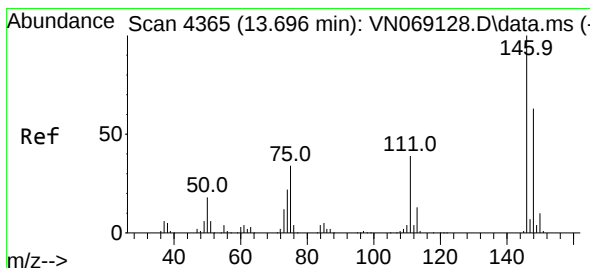
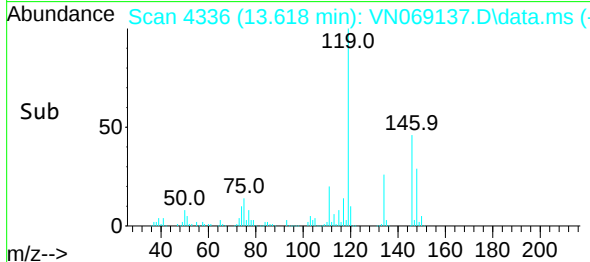
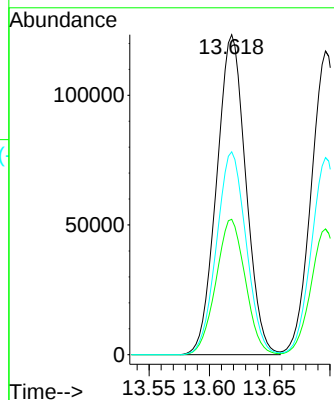
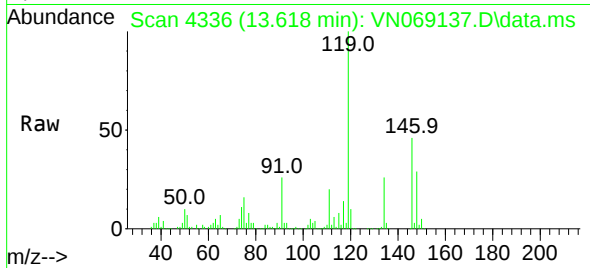




#83
1,3-Dichlorobenzene
Concen: 22.569 ug/l
RT: 13.618 min Scan# 4336
Delta R.T. 0.000 min
Lab File: VN069137.D
Acq: 22 Oct 2021 16:05

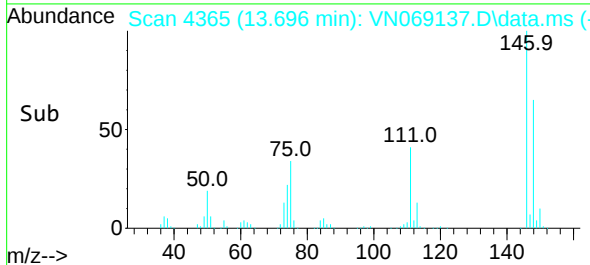
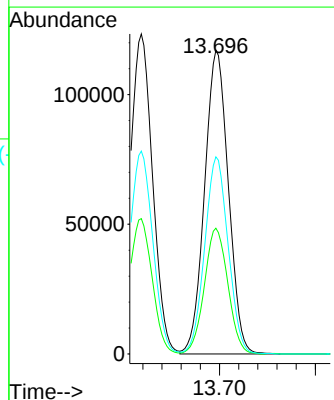
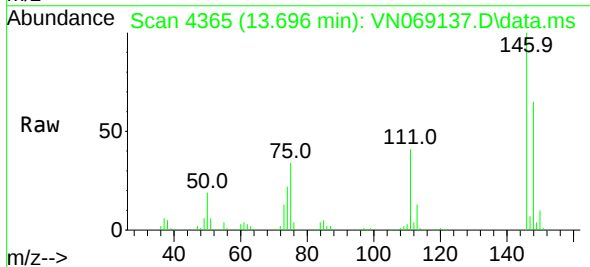
Instrument :
MSVOA_N
ClientSampleId :

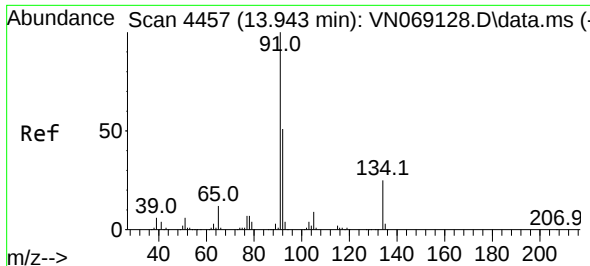
Tgt Ion:146 Resp: 207920
Ion Ratio Lower Upper
146 100
111 42.5 20.8 62.2
148 64.3 31.4 94.3



#84
1,4-Dichlorobenzene
Concen: 22.519 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN069137.D
Acq: 22 Oct 2021 16:05

Tgt Ion:146 Resp: 202014
Ion Ratio Lower Upper
146 100
111 41.0 19.5 58.5
148 64.0 31.1 93.5

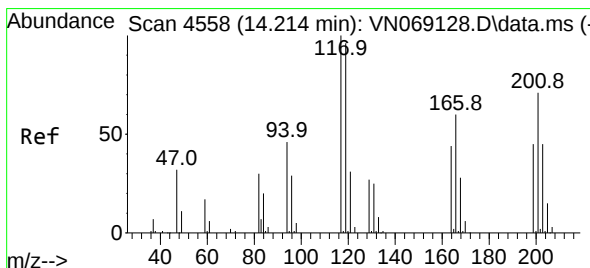
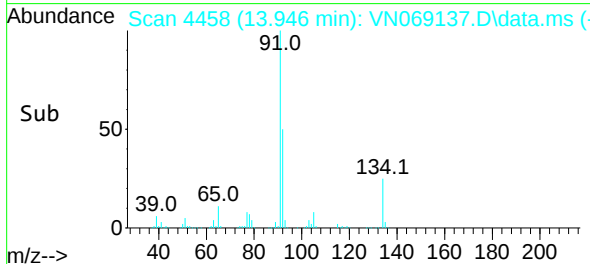
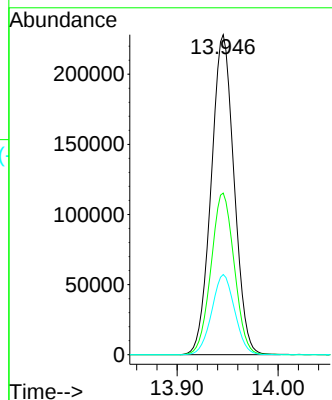
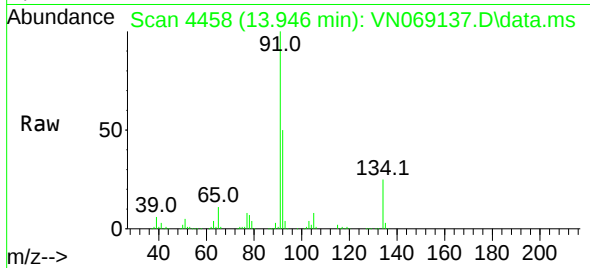




#85
n-Butylbenzene
Concen: 22.278 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. 0.003 min
Lab File: VN069137.D
Acq: 22 Oct 2021 16:05

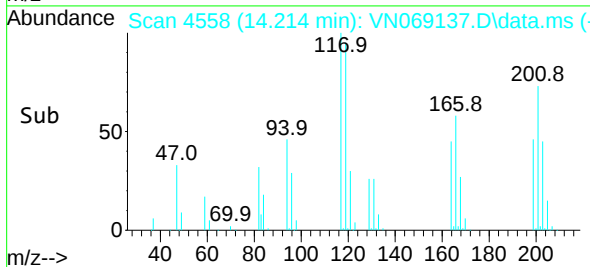
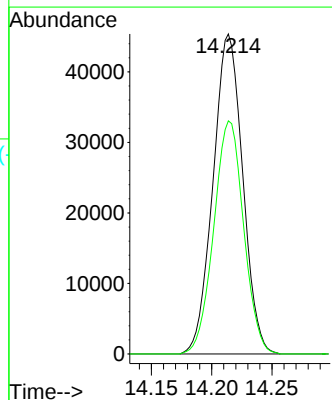
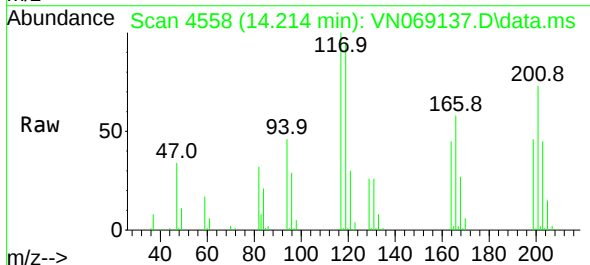
Instrument :
MSVOA_N
ClientSampleId :

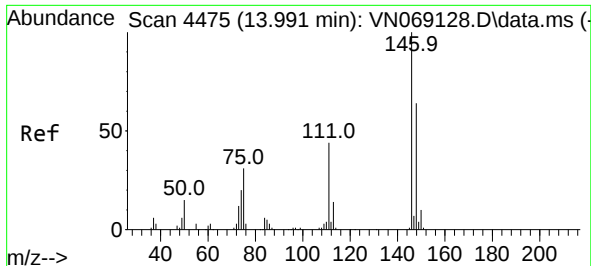
Tgt Ion: 91 Resp: 359451
Ion Ratio Lower Upper
91 100
92 51.3 0.0 100.6
134 25.1 0.0 50.2



#86
Hexachloroethane
Concen: 21.490 ug/l
RT: 14.214 min Scan# 4558
Delta R.T. 0.000 min
Lab File: VN069137.D
Acq: 22 Oct 2021 16:05

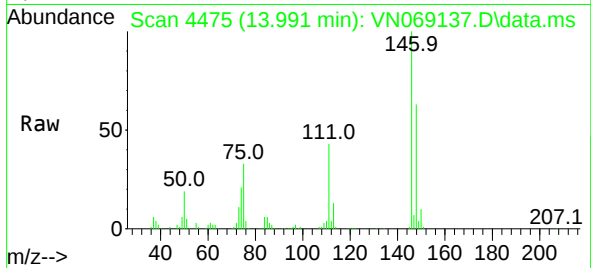
Tgt Ion: 117 Resp: 77626
Ion Ratio Lower Upper
117 100
201 73.3 33.3 99.8



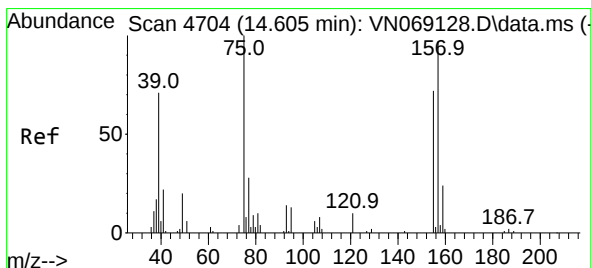
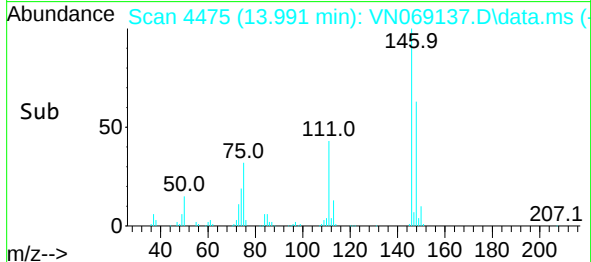
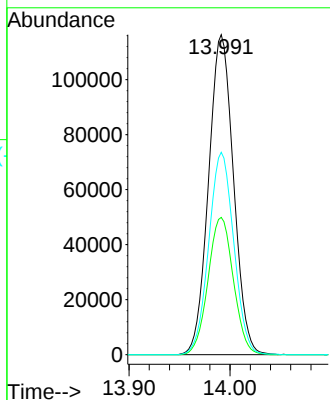


#87
 1,2-Dichlorobenzene
 Concen: 22.644 ug/l
 RT: 13.991 min Scan# 4475
 Delta R.T. 0.000 min
 Lab File: VN069137.D
 Acq: 22 Oct 2021 16:05

Instrument :
 MSVOA_N
 ClientSampleId :

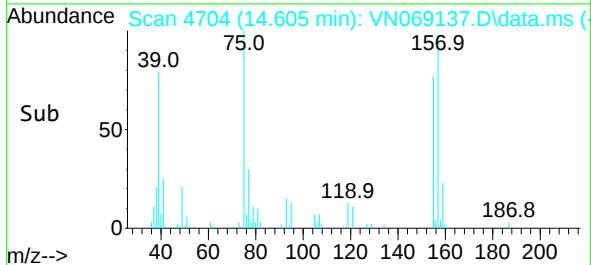
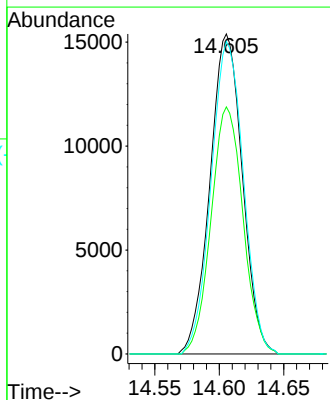
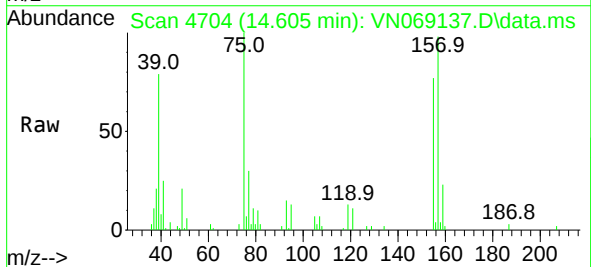


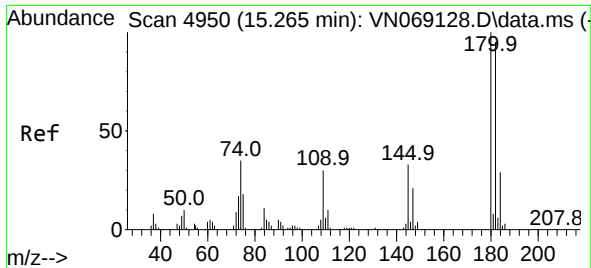
Tgt Ion:146 Resp: 199322
 Ion Ratio Lower Upper
 146 100
 111 43.6 21.4 64.2
 148 63.6 32.5 97.4



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 21.351 ug/l
 RT: 14.605 min Scan# 4704
 Delta R.T. 0.000 min
 Lab File: VN069137.D
 Acq: 22 Oct 2021 16:05

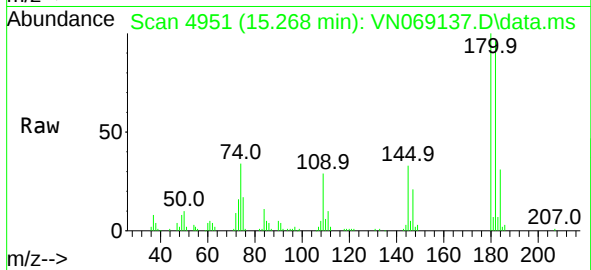
Tgt Ion: 75 Resp: 26910
 Ion Ratio Lower Upper
 75 100
 155 76.1 63.8 95.8
 157 97.3 77.9 116.9



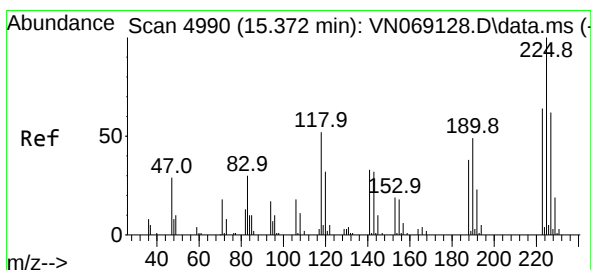
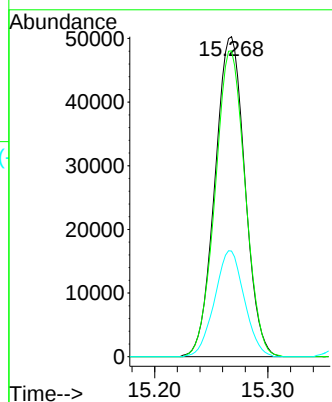
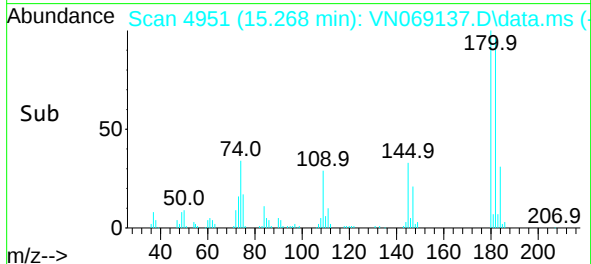


#89
 1,2,4-Trichlorobenzene
 Concen: 20.774 ug/l
 RT: 15.268 min Scan# 4950
 Delta R.T. 0.003 min
 Lab File: VN069137.D
 Acq: 22 Oct 2021 16:05

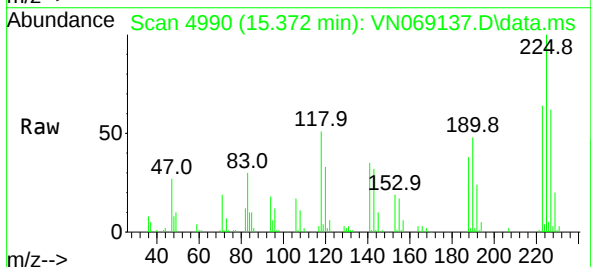
Instrument :
 MSVOA_N
 ClientSampleId :



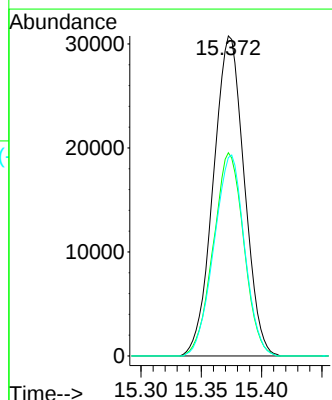
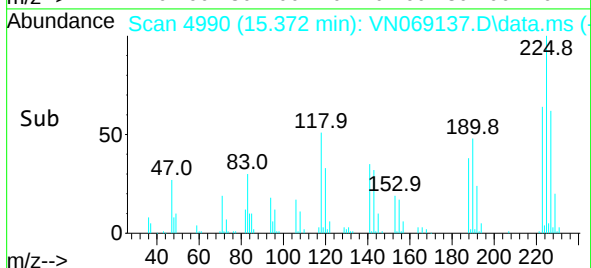
Tgt Ion:180 Resp: 92200
 Ion Ratio Lower Upper
 180 100
 182 95.7 77.7 116.5
 145 32.9 26.6 39.8

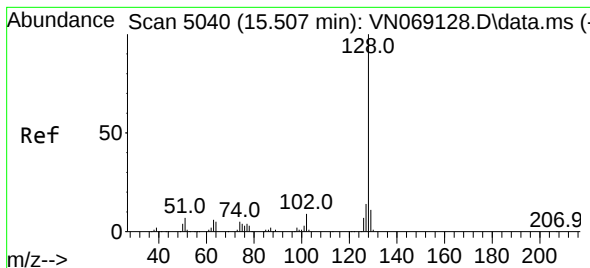


#90
 Hexachlorobutadiene
 Concen: 23.605 ug/l
 RT: 15.372 min Scan# 4990
 Delta R.T. 0.000 min
 Lab File: VN069137.D
 Acq: 22 Oct 2021 16:05



Tgt Ion:225 Resp: 54774
 Ion Ratio Lower Upper
 225 100
 223 62.8 0.0 126.8
 227 62.1 0.0 123.0





#91

Naphthalene

Concen: 19.053 ug/l

RT: 15.507 min Scan# 5040

Delta R.T. 0.000 min

Lab File: VN069137.D

Acq: 22 Oct 2021 16:05

Instrument :

MSVOA_N

ClientSampleId :

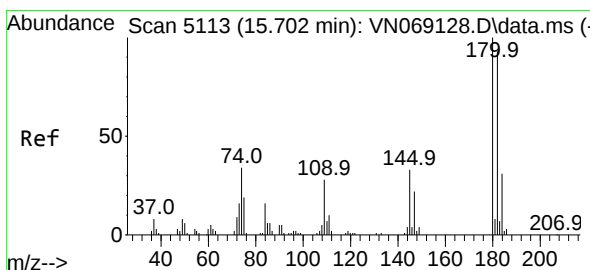
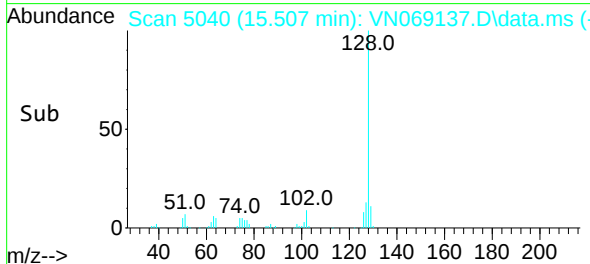
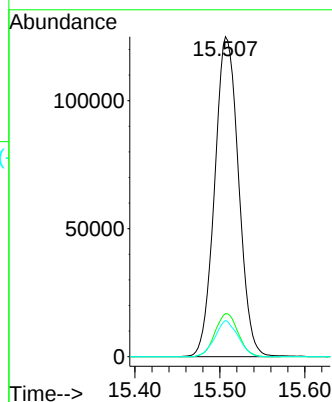
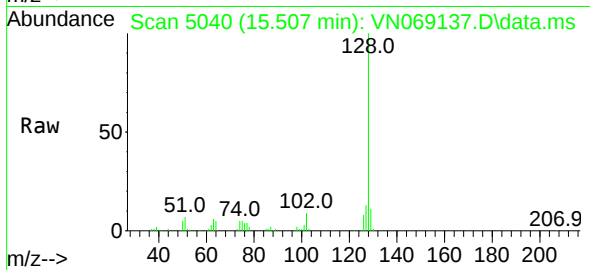
Tgt Ion:128 Resp: 244598

Ion Ratio Lower Upper

128 100

127 13.1 10.7 16.1

129 10.9 9.0 13.6



#92

1,2,3-Trichlorobenzene

Concen: 20.528 ug/l

RT: 15.702 min Scan# 5113

Delta R.T. 0.000 min

Lab File: VN069137.D

Acq: 22 Oct 2021 16:05

Tgt Ion:180 Resp: 87071

Ion Ratio Lower Upper

180 100

182 95.4 0.0 190.0

145 34.7 0.0 67.8

