

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102221\
 Data File : VN069129.D
 Acq On : 22 Oct 2021 12:02
 Operator : JC/MD
 Sample : VSTDIC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 22 12:50:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N102221W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 22 12:48:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.662	128	68375	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.971	114	395399	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.746	117	371180	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	160117	30.685	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 102.267%	
60) 4-Bromofluorobenzene	12.733	95	191563	32.175	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 107.267%	
63) Toluene-d8	10.443	98	503593	30.019	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 100.067%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.075	85	240224	72.003	ug/l	99
3) Chloromethane	2.303	50	256690	63.647	ug/l	97
4) Vinyl Chloride	2.445	62	314445	43.973	ug/l	100
5) Bromomethane	2.845	94	186523	28.287	ug/l	99
6) Chloroethane	3.014	64	190857	33.558	ug/l	98
7) Trichlorofluoromethane	3.376	101	382603	58.905	ug/l	98
8) Diethyl Ether	3.829	74	133480	58.846	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.215	101	207654	55.908	ug/l #	69
10) 1,1-Dichloroethene	4.186	96	199022	57.361	ug/l	96
11) Methyl Iodide	4.427	142	289522	67.043	ug/l	95
12) Methyl Acetate	4.854	43	373913	61.100	ug/l	98
13) Acrolein	4.046	56	106457	377.258	ug/l	97
14) Acrylonitrile	5.554	53	548628	285.580	ug/l	99
15) Acetone	4.285	58	175548	314.965	ug/l	98
16) Carbon Disulfide	4.537	76	541629	58.206	ug/l	98
17) Allyl chloride	4.846	41	348624	62.241	ug/l	93
18) Methylene Chloride	5.100	84	236524	54.923	ug/l	98
19) trans-1,2-Dichloroethene	5.602	96	219993	54.673	ug/l	93
20) Diisopropyl ether	6.498	45	761960	59.535	ug/l	95
21) 1,1-Dichloroethane	6.391	63	416391	56.369	ug/l	99
22) cis-1,2-Dichloroethene	7.329	96	264082	53.712	ug/l	99
23) tert-Butyl Alcohol	5.369	59	226121	311.952	ug/l #	100
24) Methyl tert-Butyl Ether	5.618	73	773313	57.041	ug/l	99
25) Chloroform	7.820	83	450453	52.691	ug/l	98
26) Cyclohexane	8.099	56	385215	59.014	ug/l #	98
29) 1,1-Dichloropropene	8.225	75	329875	51.875	ug/l	98
30) 2-Butanone	7.335	43	812298	279.479	ug/l	99
31) 2,2-Dichloropropane	7.329	77	395748	53.719	ug/l	99
32) 1,1,1-Trichloroethane	8.018	97	413749	51.268	ug/l	99
33) Carbon Tetrachloride	8.209	117	356156	49.953	ug/l	97
34) Benzene	8.464	78	982586	52.089	ug/l	98
35) Methacrylonitrile	7.638	41	158088	55.570	ug/l	97
36) 1,2-Dichloroethane	8.531	62	359327	51.563	ug/l	100
37) Trichloroethene	9.217	130	248722	50.437	ug/l	92
38) Methylcyclohexane	9.461	83	416570	52.653	ug/l	98
39) 1,2-Dichloropropane	9.494	63	252009	53.577	ug/l	97
40) Dibromomethane	9.579	93	176932	48.807	ug/l	96
41) Bromodichloromethane	9.764	83	356169	49.985	ug/l	96
42) Vinyl Acetate	6.436	43	2845869	268.118	ug/l	99

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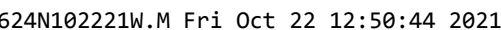
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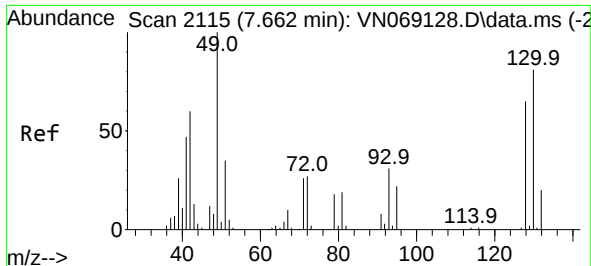
Quant Time: Oct 22 12:50:37 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.412	43	317667	54.365	ug/l	99
44) Isopropyl Acetate	8.560	43	576265	55.034	ug/l	99
45) 1,4-Dioxane	9.569	88	91414	1093.189	ug/l	96
46) Methyl methacrylate	9.561	41	265366	57.482	ug/l	92
47) n-amyl Acetate	12.387	43	495501	56.128	ug/l	99
48) t-1,3-Dichloropropene	10.719	75	409688	52.194	ug/l	99
49) cis-1,3-Dichloropropene	10.191	75	428693	53.405	ug/l	95
50) 1,1,2-Trichloroethane	10.899	97	252387	50.005	ug/l	98
51) Ethyl methacrylate	10.762	69	420530	53.946	ug/l	93
52) 1,3-Dichloropropane	11.046	76	426523	51.681	ug/l	99
53) Dibromochloromethane	11.240	129	274741	48.283	ug/l	100
54) 1,2-Dibromoethane	11.347	107	268117	50.792	ug/l	98
55) 2-Chloroethyl vinyl ether	10.043	63	638072	287.372	ug/l	99
56) Bromoform	12.460	173	197274	48.054	ug/l #	100
58) 4-Methyl-2-Pentanone	10.330	43	1657428	260.370	ug/l	97
59) 2-Hexanone	11.087	43	1256990	269.539	ug/l	97
61) Tetrachloroethene	10.979	164	214348	49.411	ug/l	96
62) Toluene	10.507	91	1132540	50.581	ug/l	98
64) Chlorobenzene	11.773	112	685810	50.002	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.843	131	259364	49.232	ug/l	99
66) Ethyl Benzene	11.846	91	1285486	50.842	ug/l	99
67) m/p-Xylenes	11.956	106	963634	98.939	ug/l	97
68) o-Xylene	12.283	106	479470	49.921	ug/l	96
69) Styrene	12.296	104	803648	50.692	ug/l	98
70) Isopropylbenzene	12.580	105	1275805	50.218	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.830	83	374368	51.833	ug/l	98
72) 1,2,3-Trichloropropane	12.881	75	489108	82.447	ug/l	60
73) Bromobenzene	12.862	156	289514	50.198	ug/l	94
74) n-propylbenzene	12.921	91	1464925	50.422	ug/l	100
75) 2-Chlorotoluene	13.010	91	886062	51.600	ug/l	96
76) 1,3,5-Trimethylbenzene	13.061	105	1062970	50.675	ug/l	99
77) t-1,4-Dichloro-2-butene	12.626	75	129294	56.239	ug/l	95
78) 4-Chlorotoluene	13.106	91	873861	51.736	ug/l	96
79) tert-butylbenzene	13.326	119	923007	50.047	ug/l	99
80) 1,2,4-Trimethylbenzene	13.503	105	1303765	62.742	ug/l	100
81) sec-Butylbenzene	13.503	105	1303765	49.660	ug/l	100
82) p-Isopropyltoluene	13.618	119	1062458	49.012	ug/l	100
83) 1,3-Dichlorobenzene	13.618	146	506657	47.929	ug/l	98
84) 1,4-Dichlorobenzene	13.696	146	493914	49.142	ug/l	97
85) n-Butylbenzene	13.946	91	887342	49.929	ug/l	98
86) Hexachloroethane	14.211	117	201768	49.607	ug/l	92
87) 1,2-Dichlorobenzene	13.991	146	483316	49.200	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.603	75	69238	54.040	ug/l	97
89) 1,2,4-Trichlorobenzene	15.265	180	240108	50.274	ug/l	97
90) Hexachlorobutadiene	15.372	225	126590	52.240	ug/l	99
91) Naphthalene	15.507	128	684248	51.861	ug/l	99
92) 1,2,3-Trichlorobenzene	15.702	180	226669	49.972	ug/l	99

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

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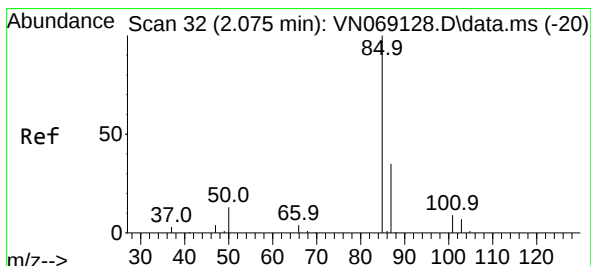
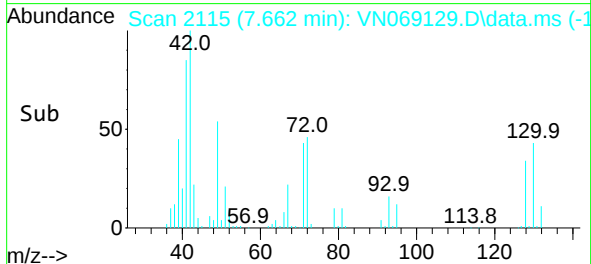
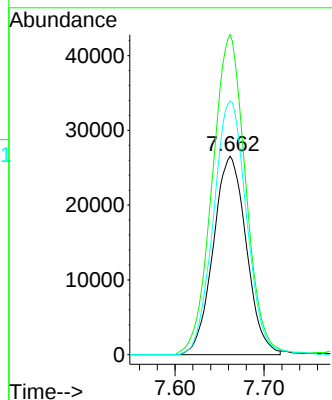
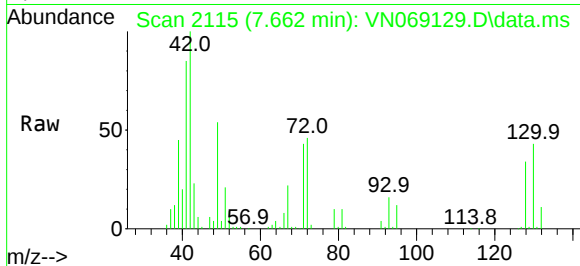




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.662 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VN069129.D
Acq: 22 Oct 2021 12:02

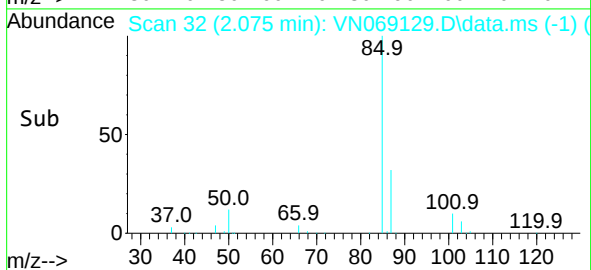
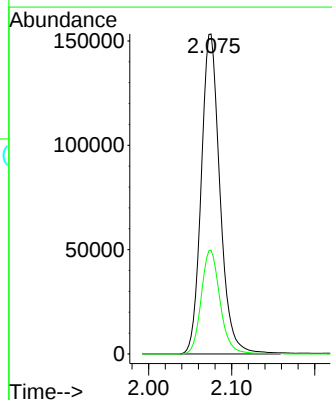
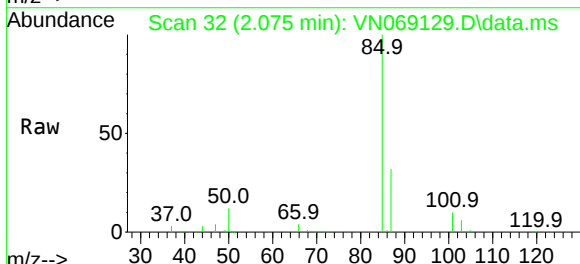
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MSVOA_N
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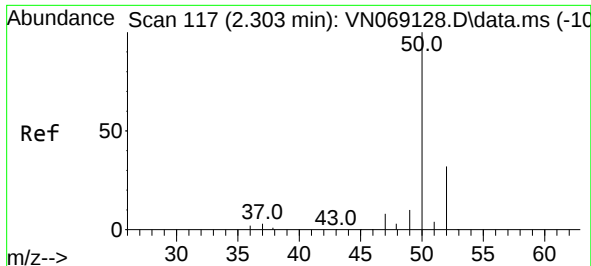
Tgt Ion:128 Resp: 68375
Ion Ratio Lower Upper
128 100
49 162.8 0.0 392.3
130 128.8 0.0 320.2



#2
Dichlorodifluoromethane
Concen: 72.003 ug/l
RT: 2.075 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN069129.D
Acq: 22 Oct 2021 12:02

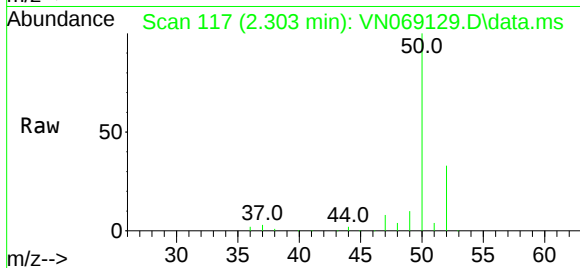
Tgt Ion: 85 Resp: 240224
Ion Ratio Lower Upper
85 100
87 32.4 16.6 49.7



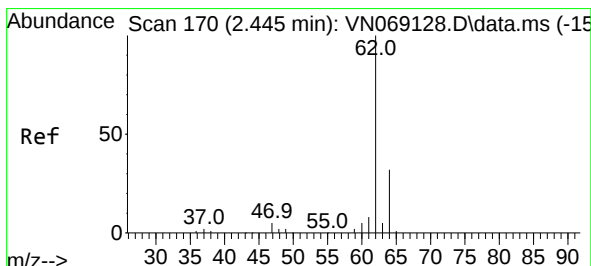
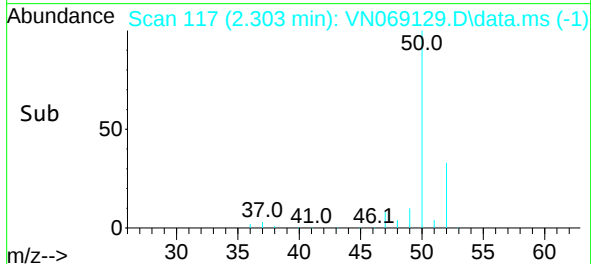
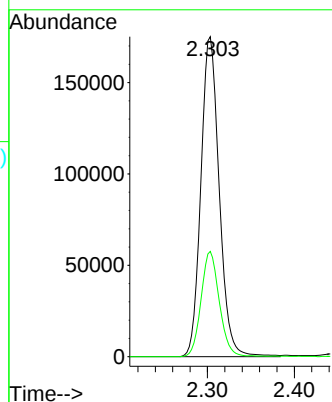


#3
Chloromethane
Concen: 63.647 ug/l
RT: 2.303 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN069129.D
Acq: 22 Oct 2021 12:02

Instrument :
MSVOA_N
ClientSampleId :

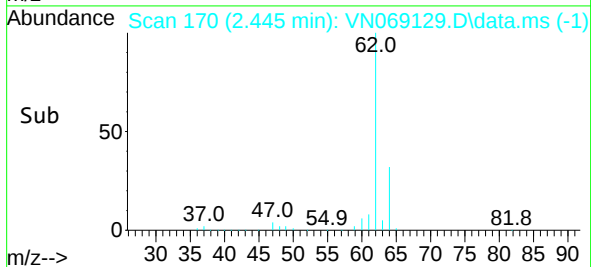
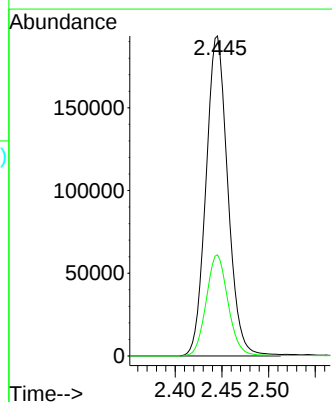
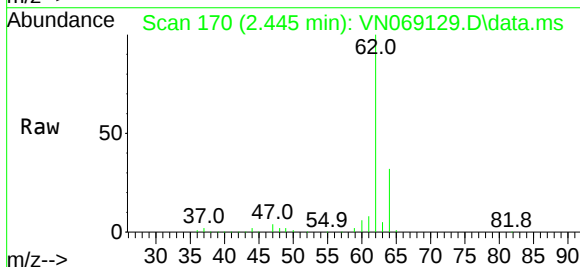


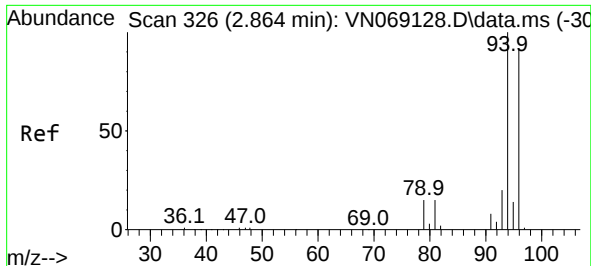
Tgt Ion: 50 Resp: 256690
Ion Ratio Lower Upper
50 100
52 32.9 27.8 41.6



#4
Vinyl Chloride
Concen: 43.973 ug/l
RT: 2.445 min Scan# 170
Delta R.T. 0.000 min
Lab File: VN069129.D
Acq: 22 Oct 2021 12:02

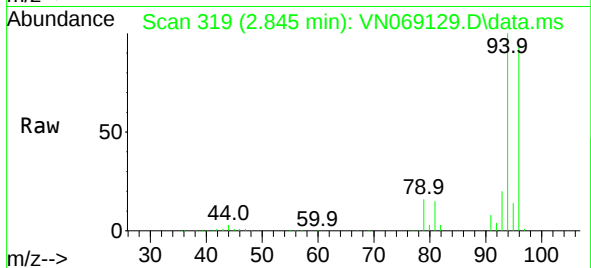
Tgt Ion: 62 Resp: 314445
Ion Ratio Lower Upper
62 100
64 31.6 25.1 37.7



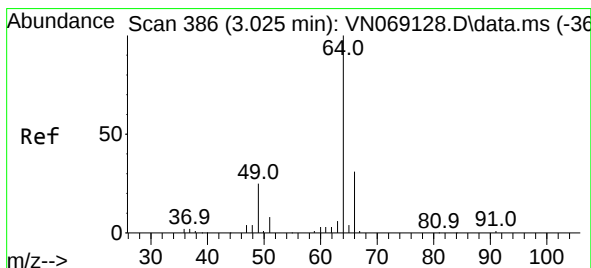
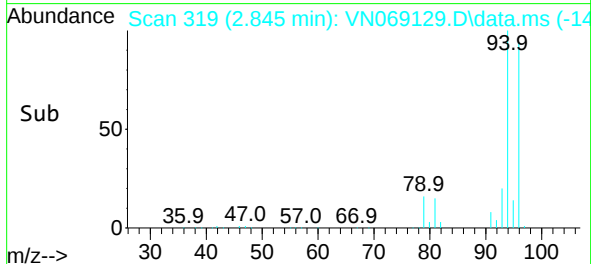
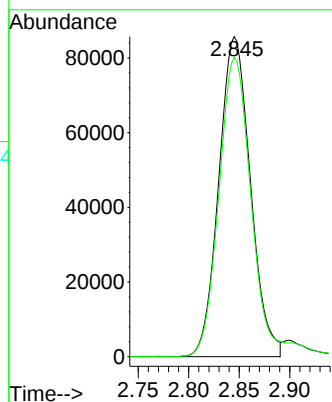


#5
Bromomethane
Concen: 28.287 ug/l
RT: 2.845 min Scan# 31
Delta R.T. -0.019 min
Lab File: VN069129.D
Acq: 22 Oct 2021 12:02

Instrument :
MSVOA_N
ClientSampleId :

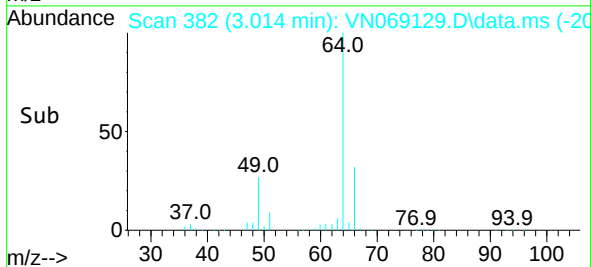
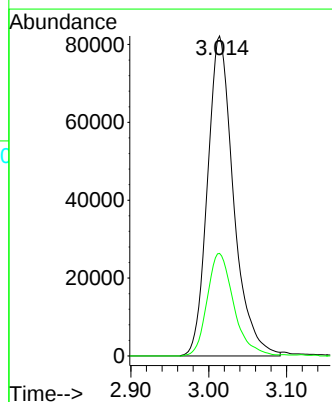
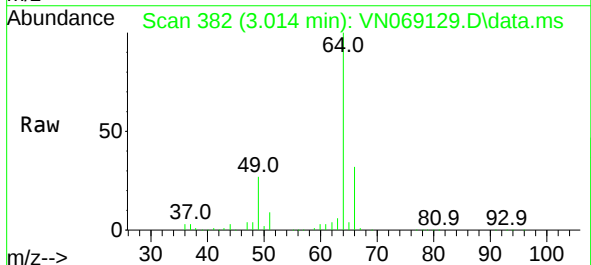


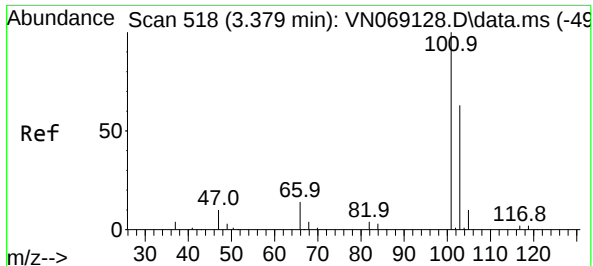
Tgt Ion: 94 Resp: 186523
Ion Ratio Lower Upper
94 100
96 93.3 75.2 112.8



#6
Chloroethane
Concen: 33.558 ug/l
RT: 3.014 min Scan# 382
Delta R.T. -0.011 min
Lab File: VN069129.D
Acq: 22 Oct 2021 12:02

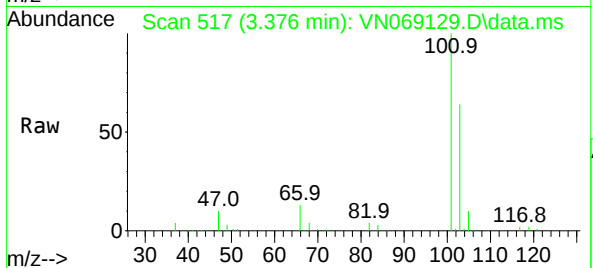
Tgt Ion: 64 Resp: 190857
Ion Ratio Lower Upper
64 100
66 32.0 24.6 36.8



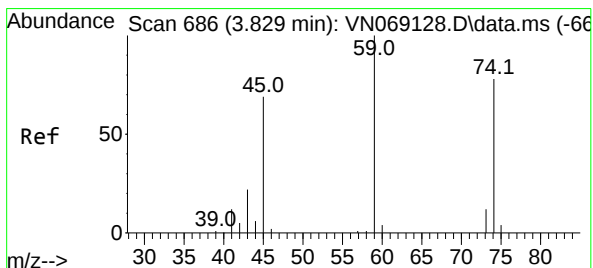
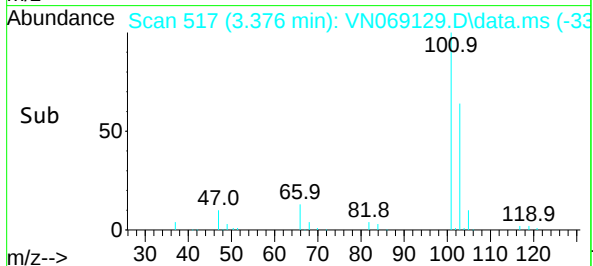
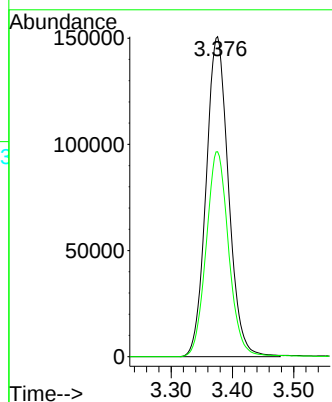


#7
 Trichlorofluoromethane
 Concen: 58.905 ug/l
 RT: 3.376 min Scan# 518
 Delta R.T. -0.003 min
 Lab File: VN069129.D
 Acq: 22 Oct 2021 12:02

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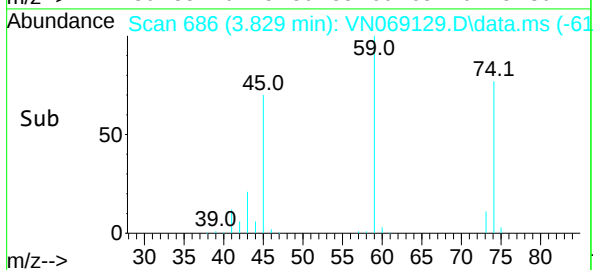
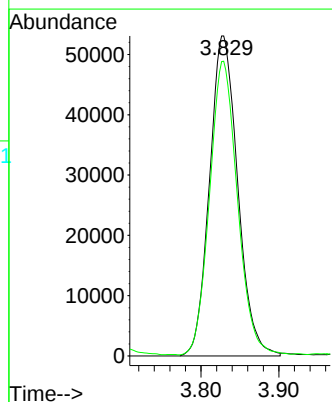
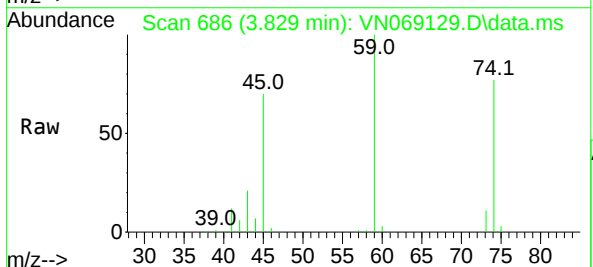


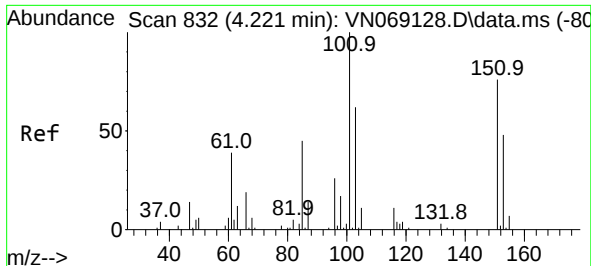
Tgt Ion:101 Resp: 382603
 Ion Ratio Lower Upper
 101 100
 103 64.0 50.1 75.1



#8
 Diethyl Ether
 Concen: 58.846 ug/l
 RT: 3.829 min Scan# 686
 Delta R.T. 0.000 min
 Lab File: VN069129.D
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Tgt Ion: 74 Resp: 133480
 Ion Ratio Lower Upper
 74 100
 45 90.6 17.6 158.8

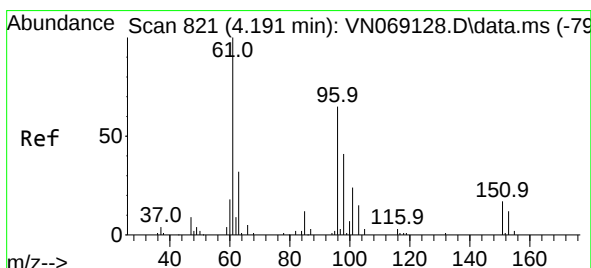
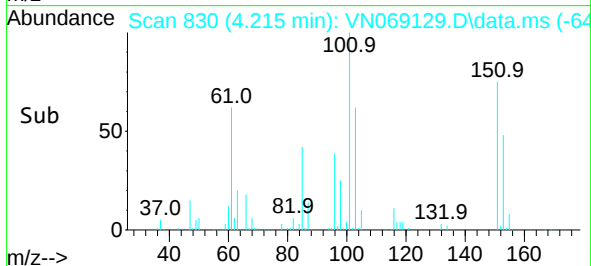
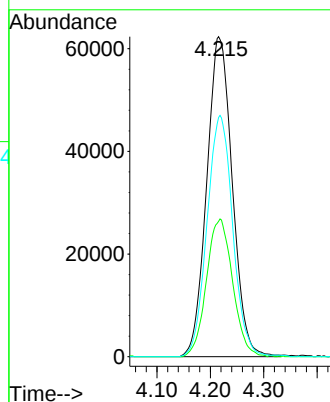
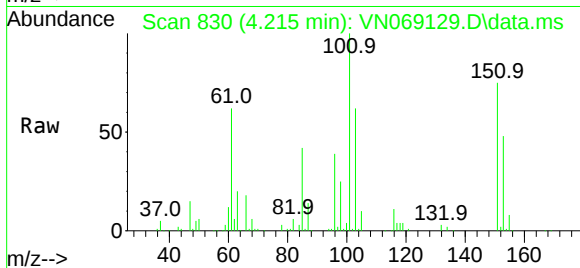




#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.908 ug/l
RT: 4.215 min Scan# 819
Delta R.T. -0.005 min
Lab File: VN069129.D
Acq: 22 Oct 2021 12:02

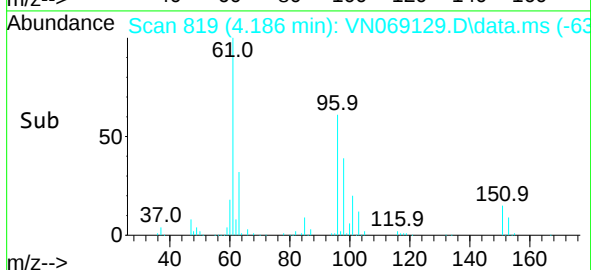
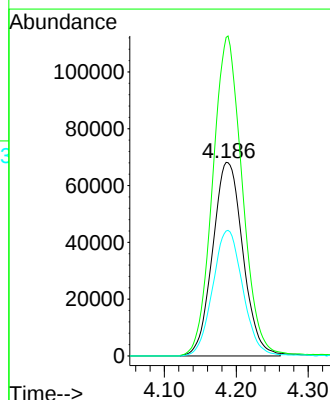
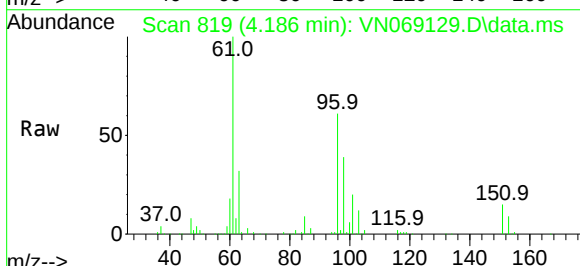
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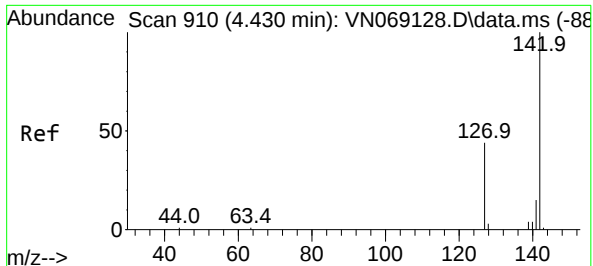
Tgt Ion:101 Resp: 207654
Ion Ratio Lower Upper
101 100
85 43.9 0.0 94.0
151 75.8 0.0 74.6#



#10
1,1-Dichloroethene
Concen: 57.361 ug/l
RT: 4.186 min Scan# 819
Delta R.T. -0.005 min
Lab File: VN069129.D
Acq: 22 Oct 2021 12:02

Tgt Ion: 96 Resp: 199022
Ion Ratio Lower Upper
96 100
61 164.3 126.2 189.4
98 64.5 50.9 76.3

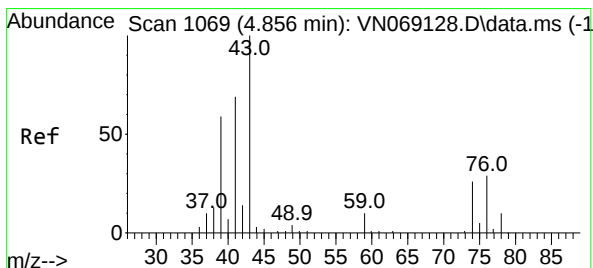
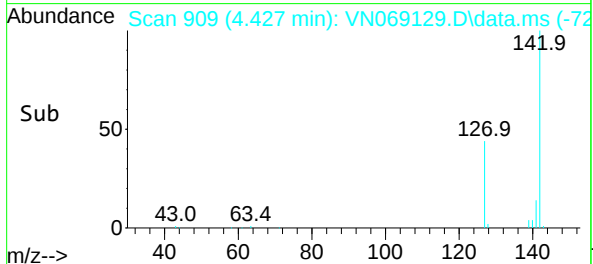
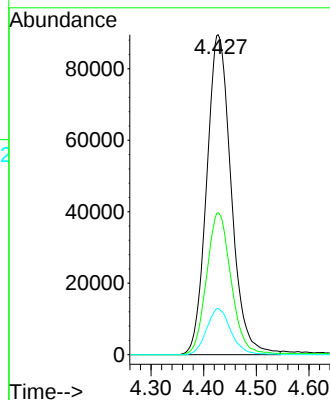
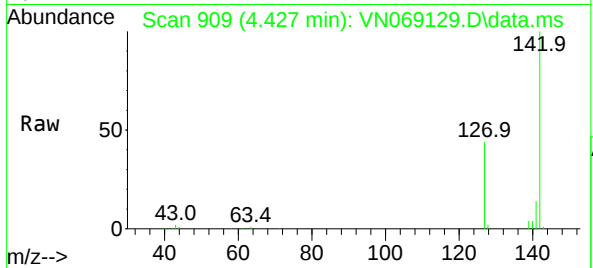




#11
Methyl Iodide
Concen: 67.043 ug/l
RT: 4.427 min Scan# 910
Delta R.T. -0.003 min
Lab File: VN069129.D
Acq: 22 Oct 2021 12:02

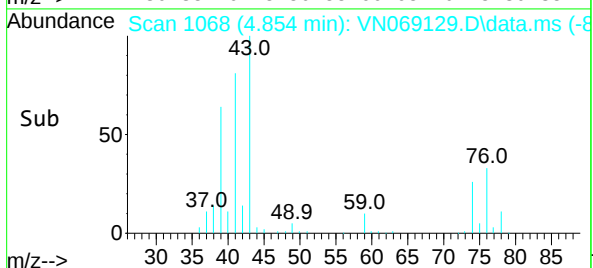
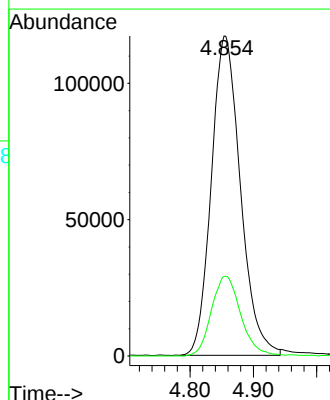
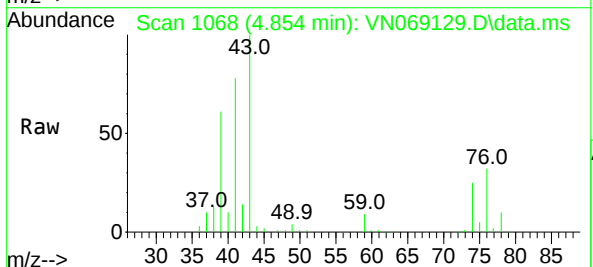
Instrument :
MSVOA_N
ClientSampleId :

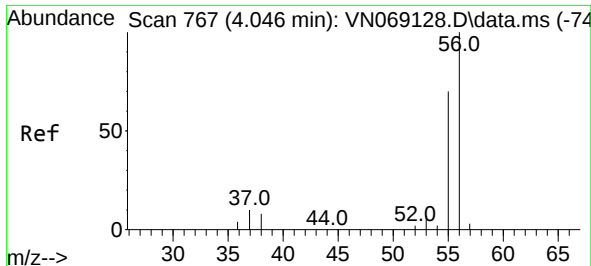
Tgt Ion:142 Resp: 289522
Ion Ratio Lower Upper
142 100
127 44.4 24.0 72.0
141 14.5 8.4 25.2



#12
Methyl Acetate
Concen: 61.100 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.003 min
Lab File: VN069129.D
Acq: 22 Oct 2021 12:02

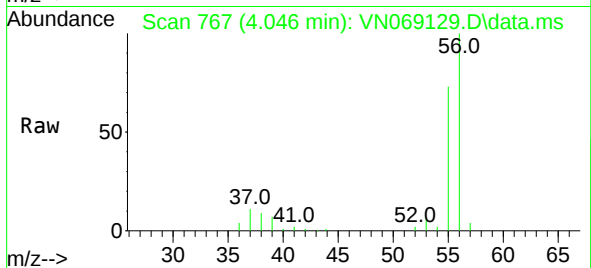
Tgt Ion: 43 Resp: 373913
Ion Ratio Lower Upper
43 100
74 24.9 20.8 31.2



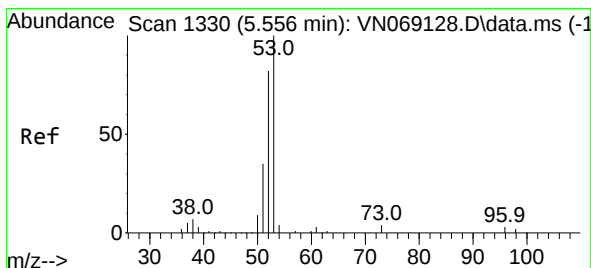
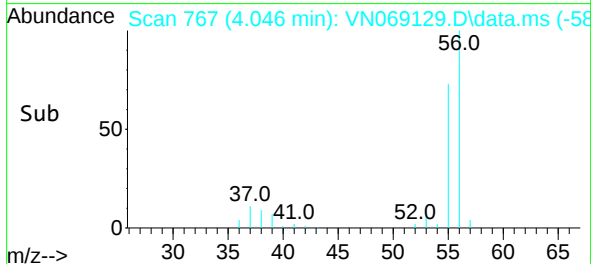
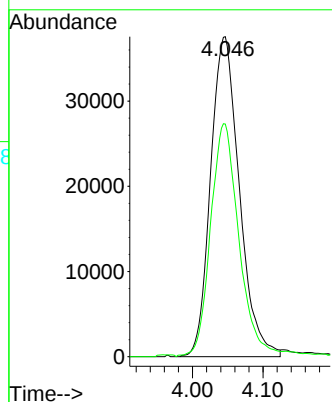


#13
Acrolein
Concen: 377.258 ug/l
RT: 4.046 min Scan# 767
Delta R.T. -0.000 min
Lab File: VN069129.D
Acq: 22 Oct 2021 12:02

Instrument :
MSVOA_N
ClientSampleId :

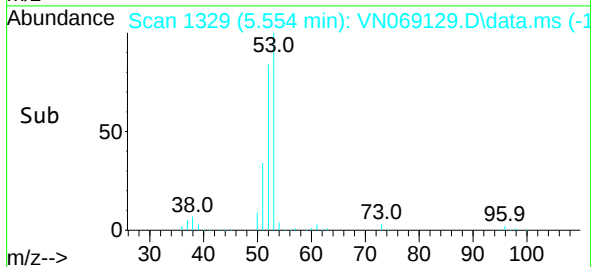
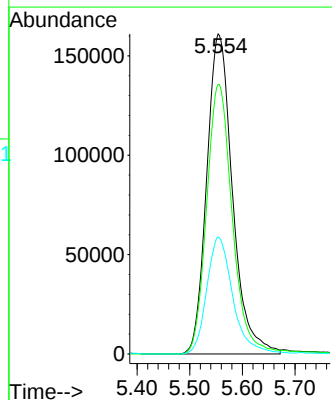
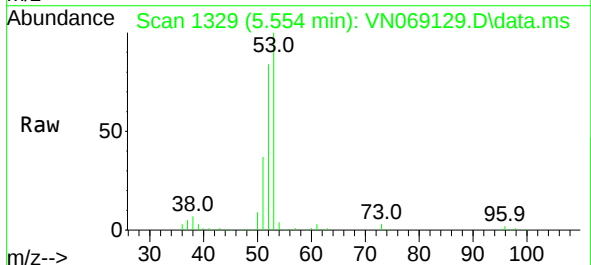


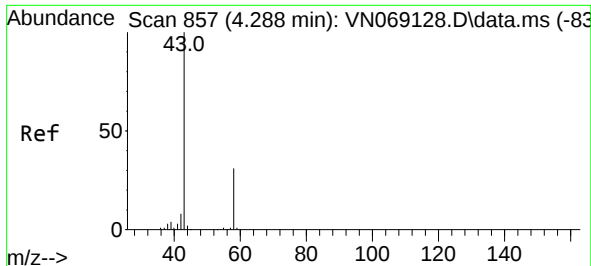
Tgt Ion: 56 Resp: 106457
Ion Ratio Lower Upper
56 100
55 69.9 57.6 86.4



#14
Acrylonitrile
Concen: 285.580 ug/l
RT: 5.554 min Scan# 1329
Delta R.T. -0.003 min
Lab File: VN069129.D
Acq: 22 Oct 2021 12:02

Tgt Ion: 53 Resp: 548628
Ion Ratio Lower Upper
53 100
52 83.8 41.8 125.4
51 37.0 19.0 57.0

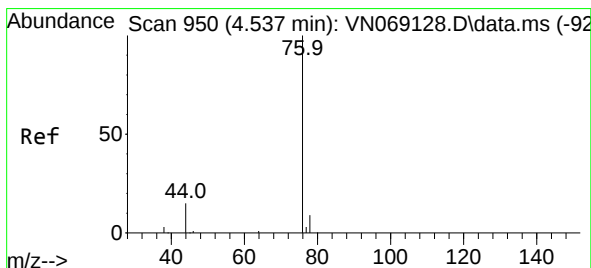
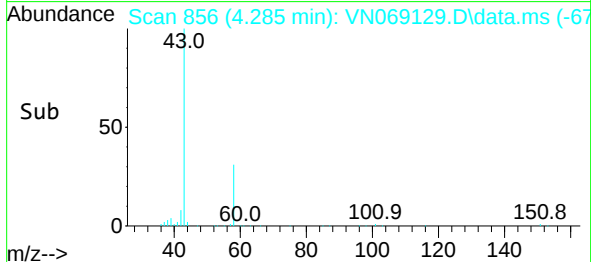
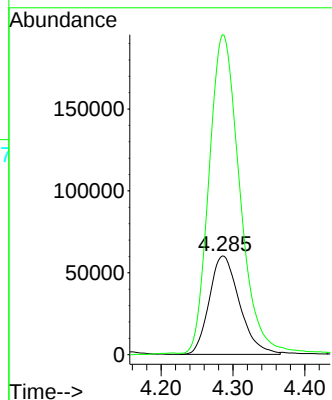
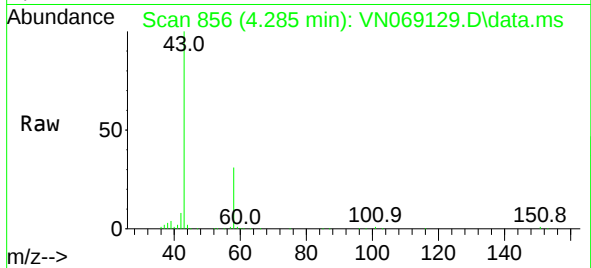




#15
Acetone
Concen: 314.965 ug/l
RT: 4.285 min Scan# 856
Delta R.T. -0.003 min
Lab File: VN069129.D
Acq: 22 Oct 2021 12:02

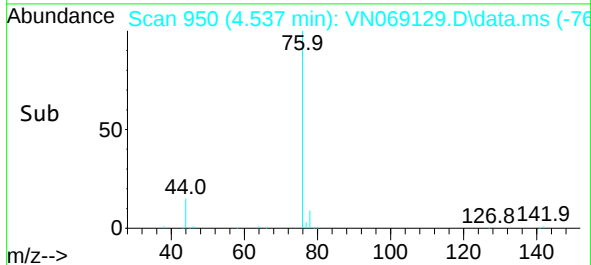
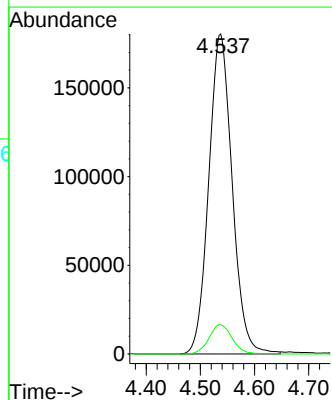
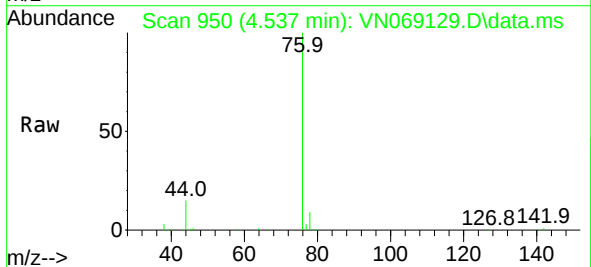
Instrument :
MSVOA_N
ClientSampleId :

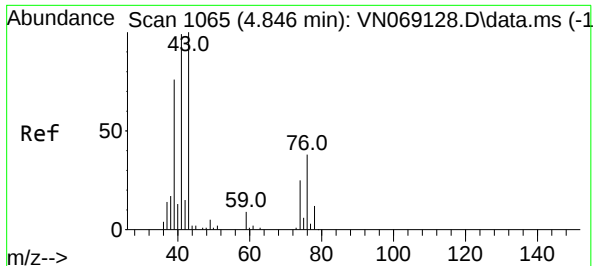
Tgt Ion: 58 Resp: 175548
Ion Ratio Lower Upper
58 100
43 324.1 256.6 384.8



#16
Carbon Disulfide
Concen: 58.206 ug/l
RT: 4.537 min Scan# 950
Delta R.T. -0.000 min
Lab File: VN069129.D
Acq: 22 Oct 2021 12:02

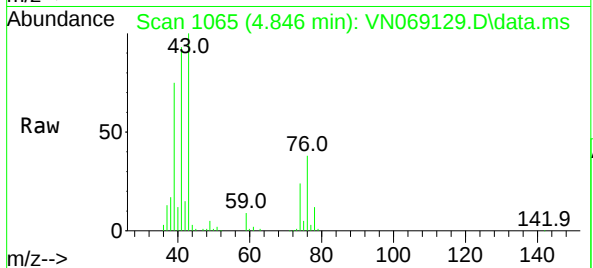
Tgt Ion: 76 Resp: 541629
Ion Ratio Lower Upper
76 100
78 9.1 7.8 11.8



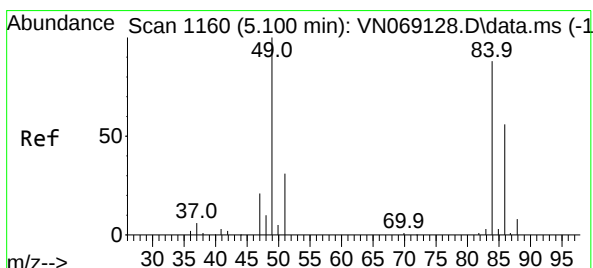
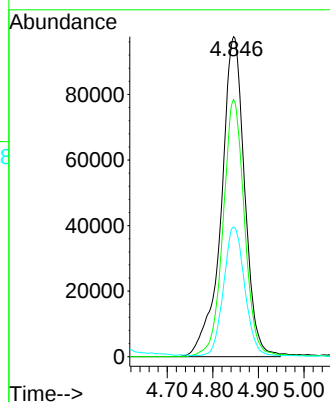
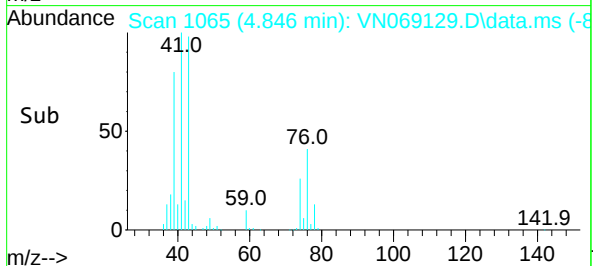


#17
 Allyl chloride
 Concen: 62.241 ug/l
 RT: 4.846 min Scan# 1065
 Delta R.T. 0.000 min
 Lab File: VN069129.D
 Acq: 22 Oct 2021 12:02

Instrument :
 MSVOA_N
 ClientSampleId :

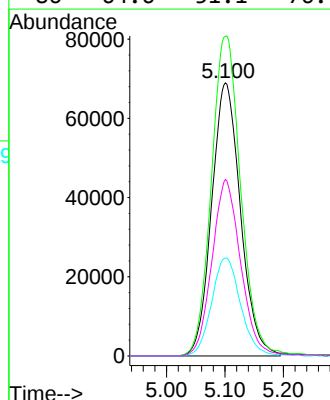
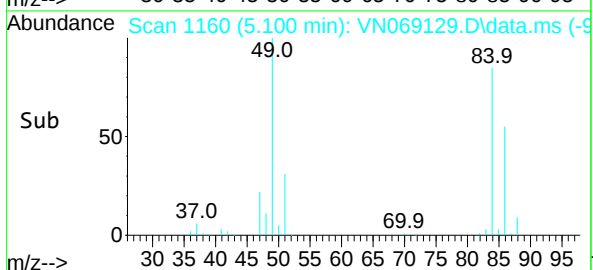
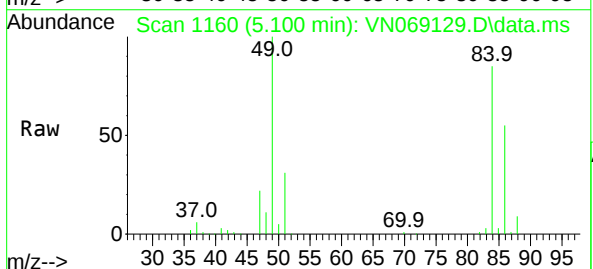


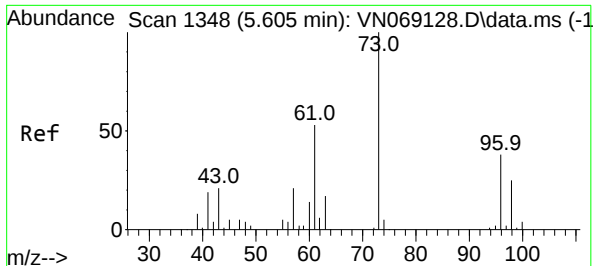
Tgt Ion: 41 Resp: 348624
 Ion Ratio Lower Upper
 41 100
 39 80.3 44.6 134.0
 76 40.2 19.6 58.7



#18
 Methylene Chloride
 Concen: 54.923 ug/l
 RT: 5.100 min Scan# 1160
 Delta R.T. 0.000 min
 Lab File: VN069129.D
 Acq: 22 Oct 2021 12:02

Tgt Ion: 84 Resp: 236524
 Ion Ratio Lower Upper
 84 100
 49 117.0 91.4 137.0
 51 35.8 29.4 44.0
 86 64.6 51.1 76.7





#19

trans-1,2-Dichloroethene

Concen: 54.673 ug/l

RT: 5.602 min Scan# 1

Delta R.T. -0.003 min

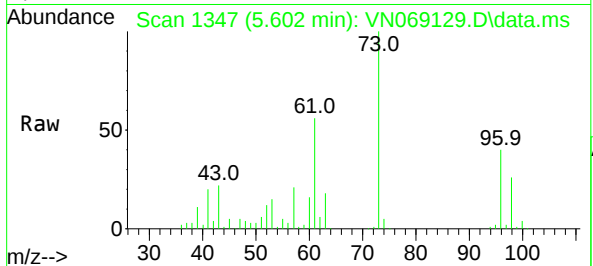
Lab File: VN069129.D

Acq: 22 Oct 2021 12:02

Instrument :

MSVOA_N

ClientSampleId :



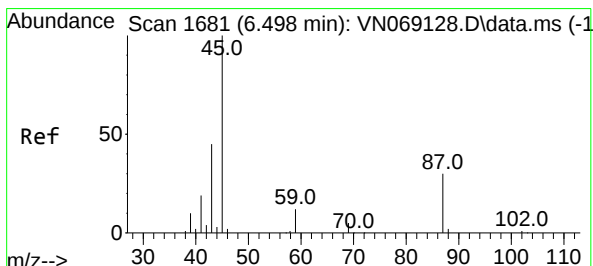
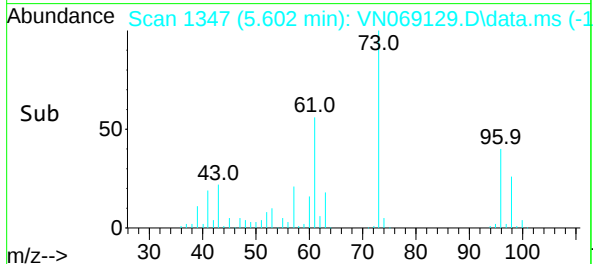
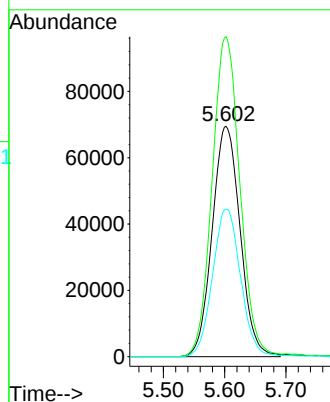
Tgt Ion: 96 Resp: 219993

Ion Ratio Lower Upper

96 100

61 138.8 102.8 154.2

98 64.0 49.3 73.9



#20

Diisopropyl ether

Concen: 59.535 ug/l

RT: 6.498 min Scan# 1681

Delta R.T. -0.000 min

Lab File: VN069129.D

Acq: 22 Oct 2021 12:02

Tgt Ion: 45 Resp: 761960

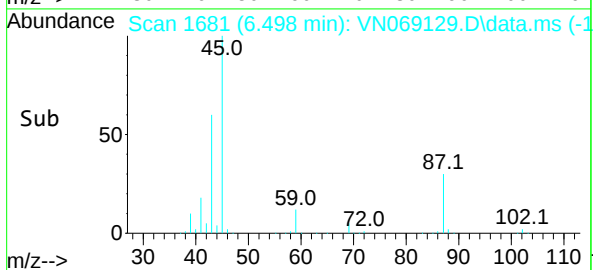
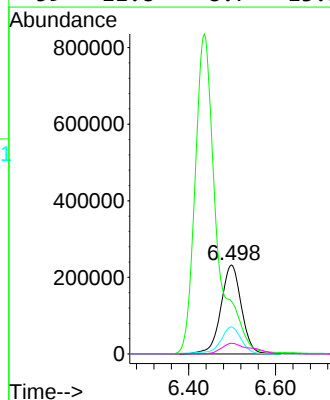
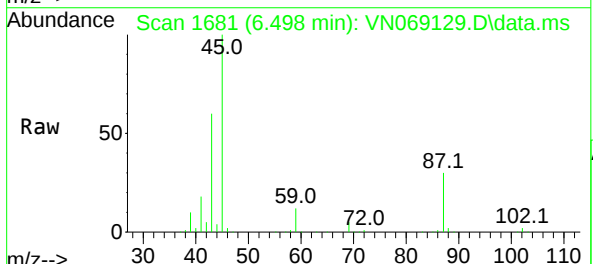
Ion Ratio Lower Upper

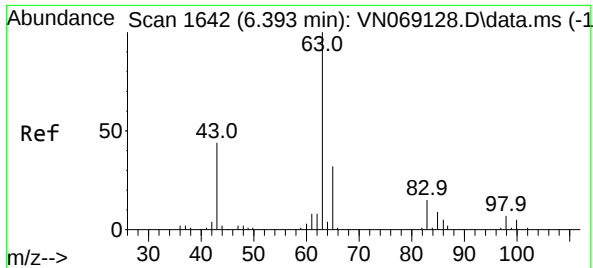
45 100

43 58.0 51.0 76.4

87 30.3 25.0 37.4

59 11.8 8.7 13.1

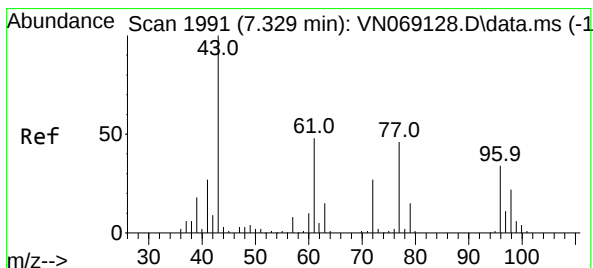
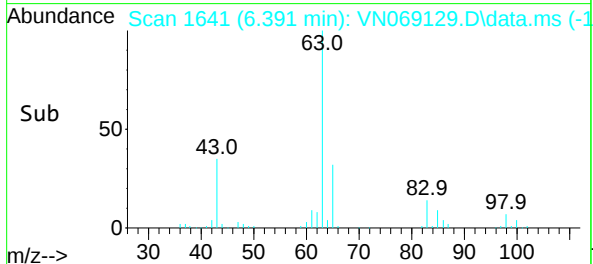
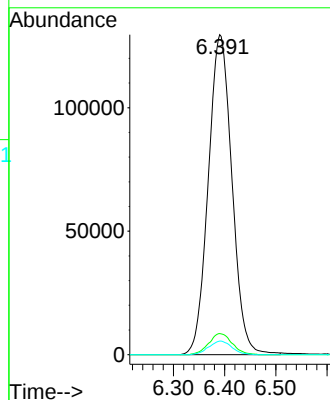
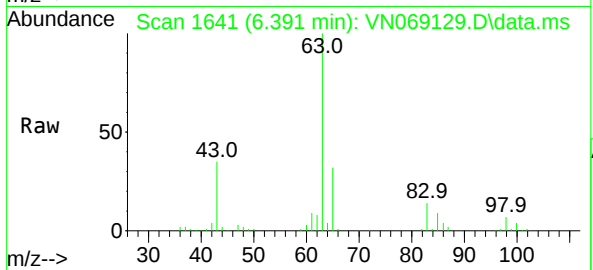




#21
1,1-Dichloroethane
Concen: 56.369 ug/l
RT: 6.391 min Scan# 1
Delta R.T. -0.003 min
Lab File: VN069129.D
Acq: 22 Oct 2021 12:02

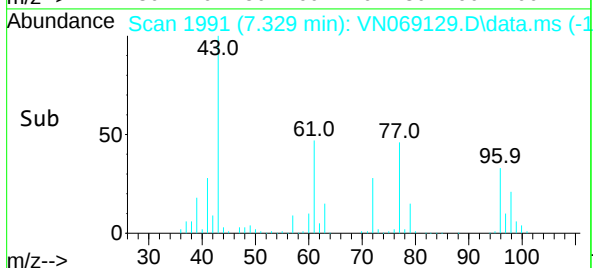
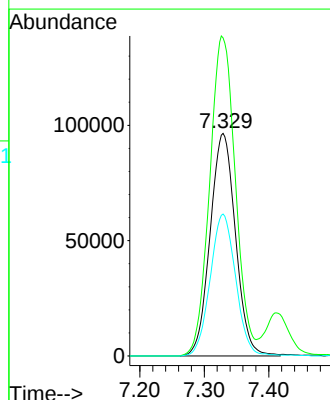
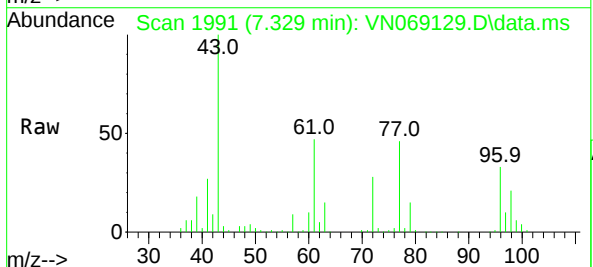
Instrument :
MSVOA_N
ClientSampleId :

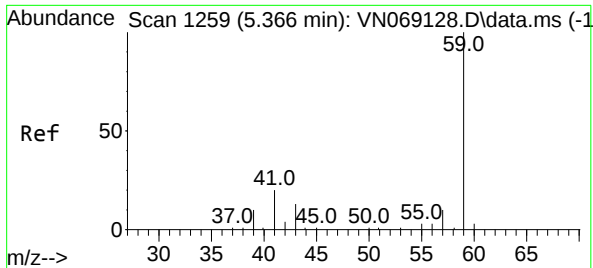
Tgt Ion: 63 Resp: 416391
Ion Ratio Lower Upper
63 100
98 6.6 3.2 9.6
100 4.2 2.1 6.2



#22
cis-1,2-Dichloroethene
Concen: 53.712 ug/l
RT: 7.329 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VN069129.D
Acq: 22 Oct 2021 12:02

Tgt Ion: 96 Resp: 264082
Ion Ratio Lower Upper
96 100
61 145.2 115.7 173.5
98 63.6 51.6 77.4

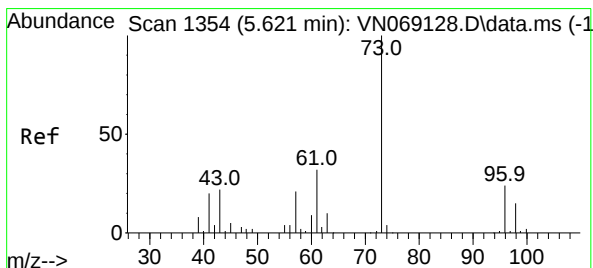
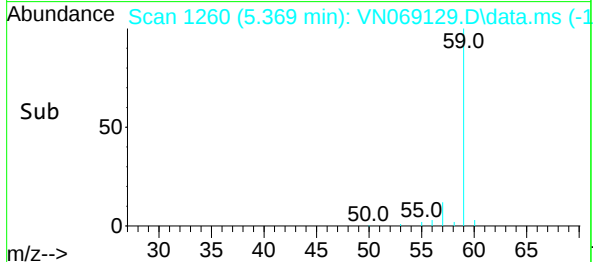
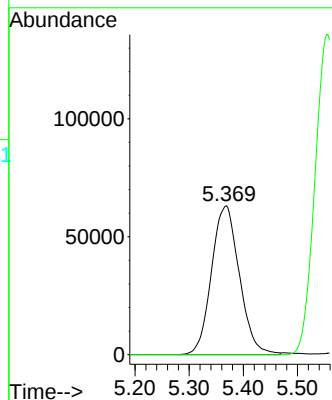
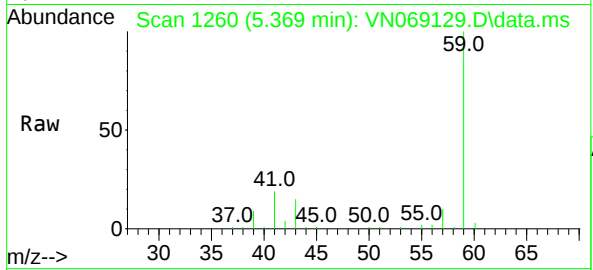




#23
tert-Butyl Alcohol
Concen: 311.952 ug/l
RT: 5.369 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN069129.D
Acq: 22 Oct 2021 12:02

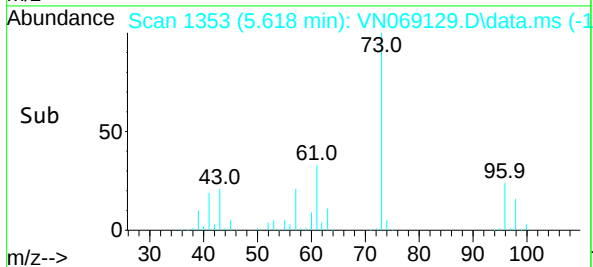
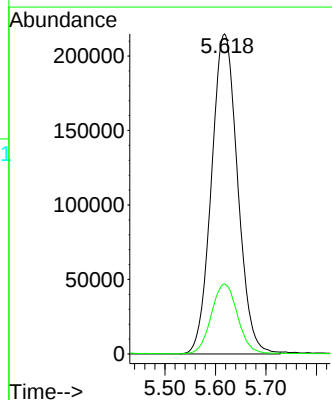
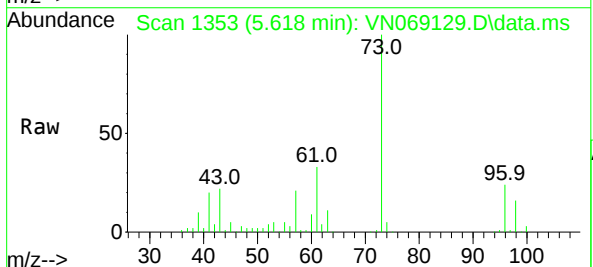
Instrument :
MSVOA_N
ClientSampleId :

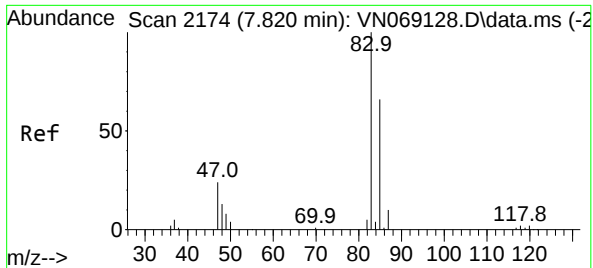
Tgt Ion: 59 Resp: 226121
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 57.041 ug/l
RT: 5.618 min Scan# 1353
Delta R.T. -0.003 min
Lab File: VN069129.D
Acq: 22 Oct 2021 12:02

Tgt Ion: 73 Resp: 773313
Ion Ratio Lower Upper
73 100
43 22.1 18.1 27.1

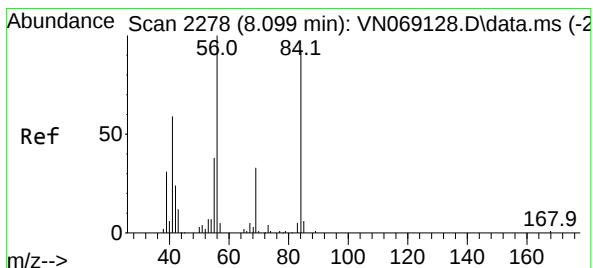
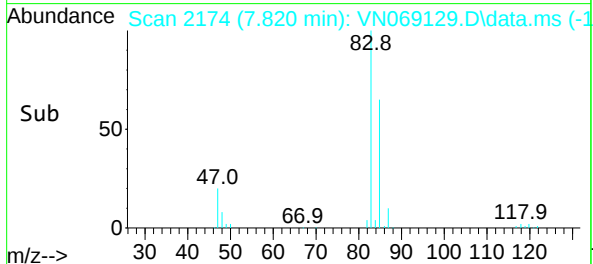
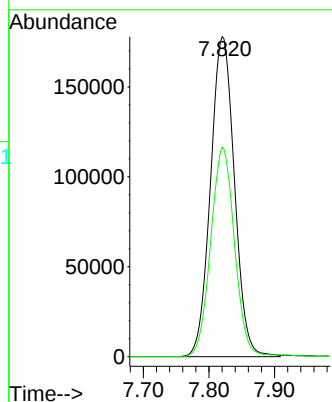
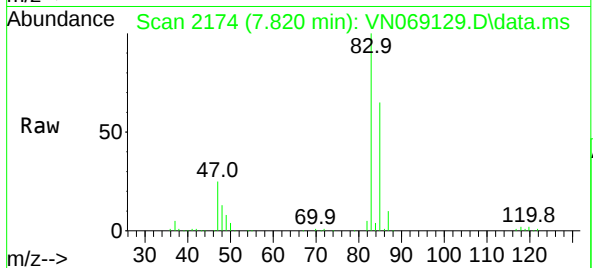




#25
Chloroform
Concen: 52.691 ug/l
RT: 7.820 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN069129.D
Acq: 22 Oct 2021 12:02

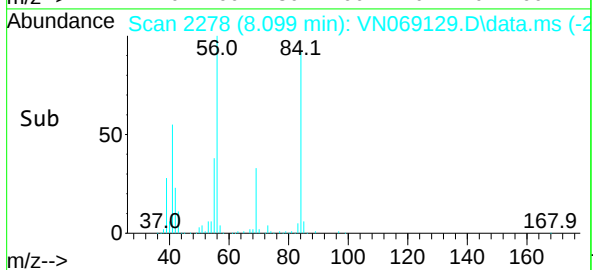
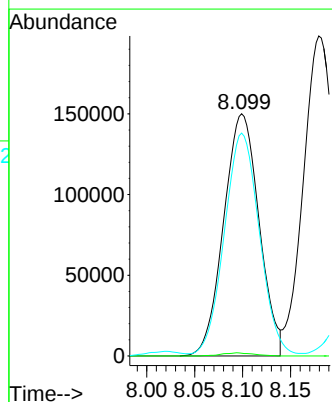
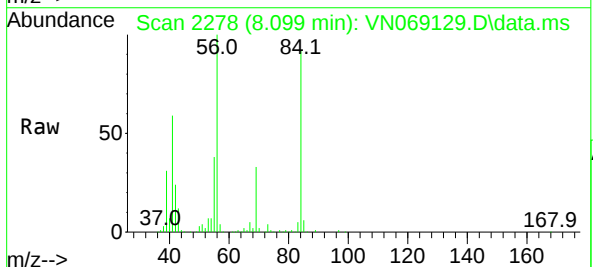
Instrument :
MSVOA_N
ClientSampleId :

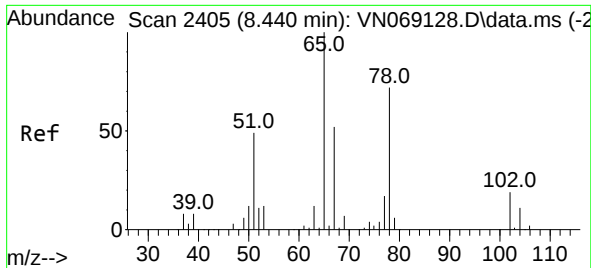
Tgt Ion: 83 Resp: 450453
Ion Ratio Lower Upper
83 100
85 65.4 51.3 76.9



#26
Cyclohexane
Concen: 59.014 ug/l
RT: 8.099 min Scan# 2278
Delta R.T. -0.000 min
Lab File: VN069129.D
Acq: 22 Oct 2021 12:02

Tgt Ion: 56 Resp: 385215
Ion Ratio Lower Upper
56 100
89 1.2 0.1 0.1#
84 91.4 74.6 111.8





#27

1,2-Dichloroethane-d4

Concen: 30.685 ug/l

RT: 8.440 min Scan# 2405

Delta R.T. -0.000 min

Lab File: VN069129.D

Acq: 22 Oct 2021 12:02

Instrument :

MSVOA_N

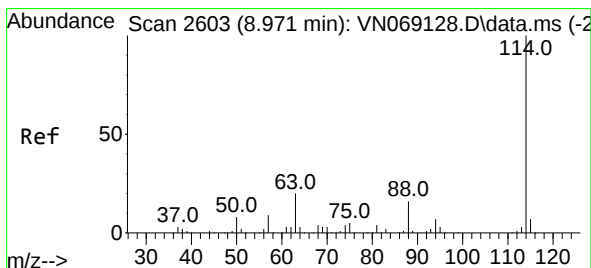
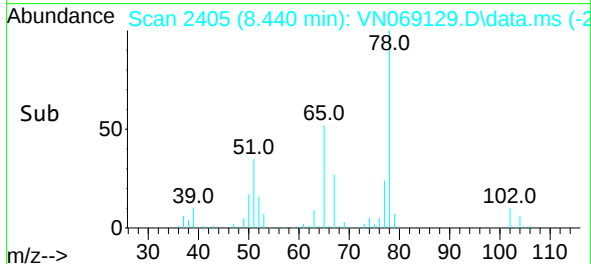
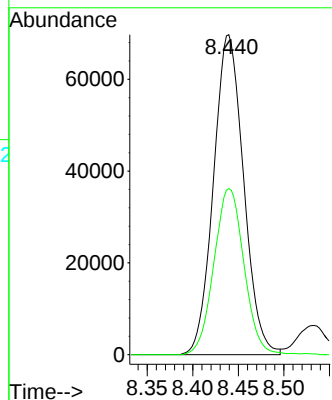
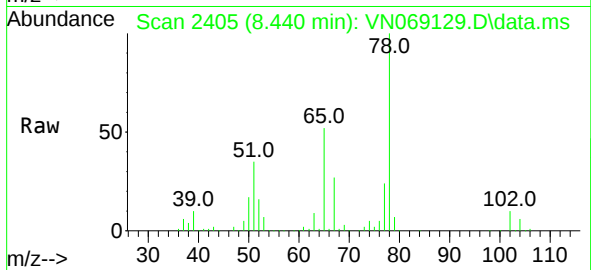
ClientSampleId :

Tgt Ion: 65 Resp: 160117

Ion Ratio Lower Upper

65 100

67 51.8 40.2 60.2



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.971 min Scan# 2603

Delta R.T. 0.000 min

Lab File: VN069129.D

Acq: 22 Oct 2021 12:02

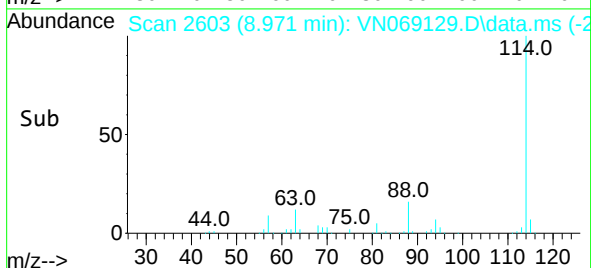
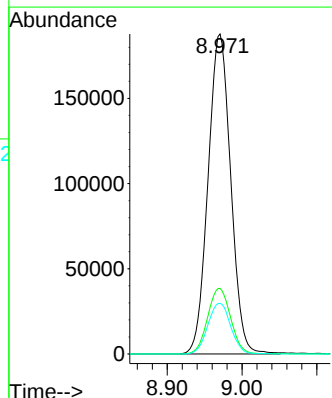
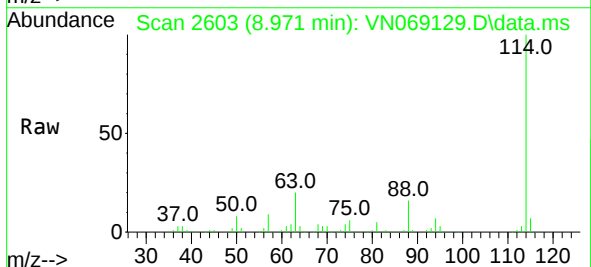
Tgt Ion: 114 Resp: 395399

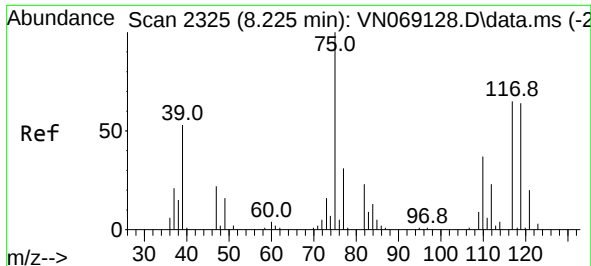
Ion Ratio Lower Upper

114 100

63 20.7 15.8 23.6

88 16.0 11.6 17.4





#29

1,1-Dichloropropene

Concen: 51.875 ug/l

RT: 8.225 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN069129.D

Acq: 22 Oct 2021 12:02

Instrument :

MSVOA_N

ClientSampleId :

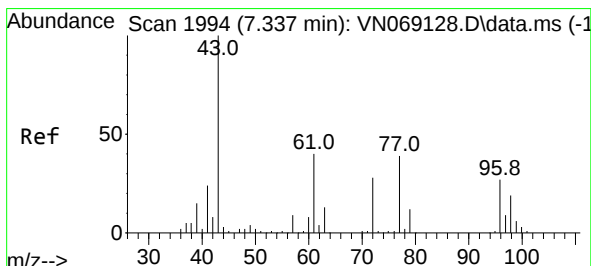
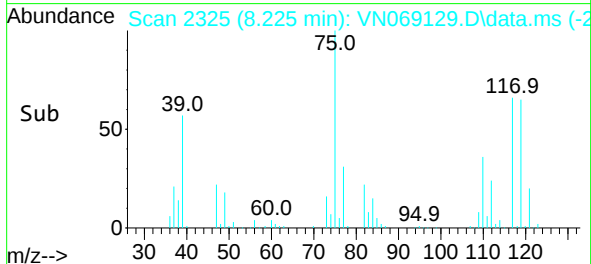
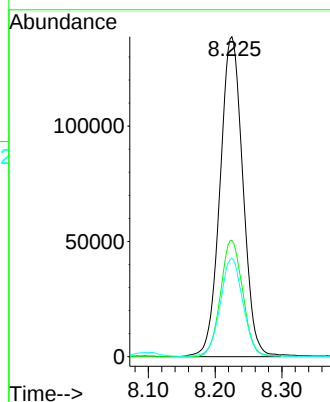
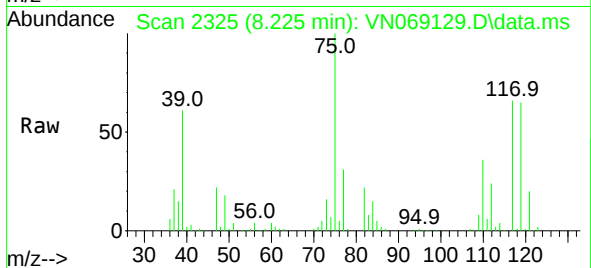
Tgt Ion: 75 Resp: 329875

Ion Ratio Lower Upper

75 100

110 35.6 0.0 74.2

77 30.4 0.0 63.2



#30

2-Butanone

Concen: 279.479 ug/l

RT: 7.335 min Scan# 1993

Delta R.T. -0.003 min

Lab File: VN069129.D

Acq: 22 Oct 2021 12:02

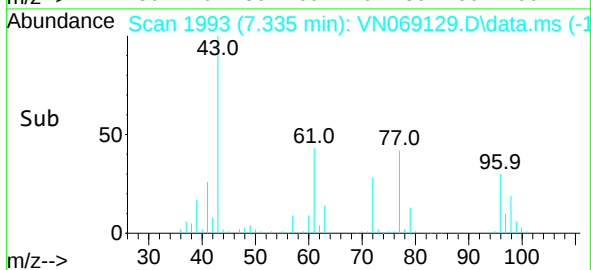
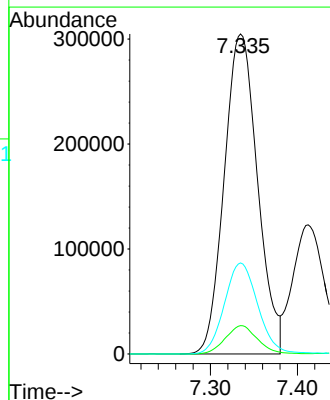
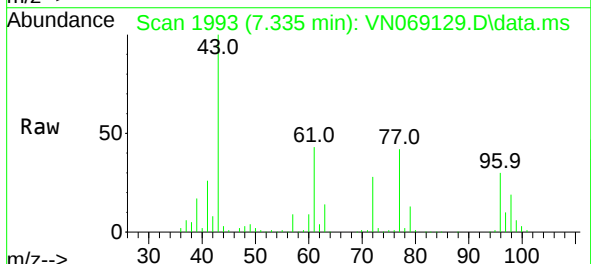
Tgt Ion: 43 Resp: 812298

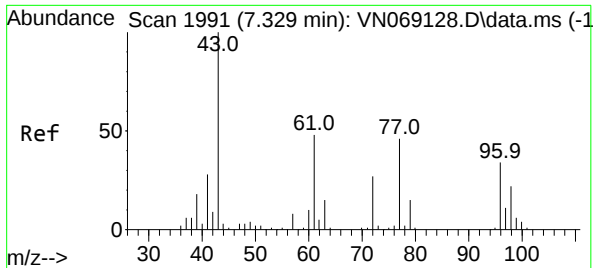
Ion Ratio Lower Upper

43 100

57 8.5 6.7 10.1

72 28.5 23.2 34.8





#31

2,2-Dichloropropane

Concen: 53.719 ug/l

RT: 7.329 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VN069129.D

Acq: 22 Oct 2021 12:02

Instrument :

MSVOA_N

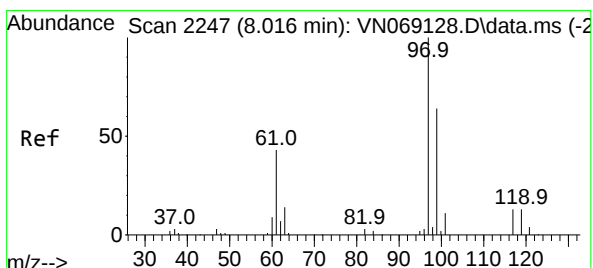
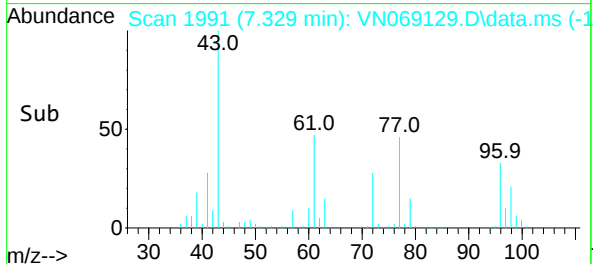
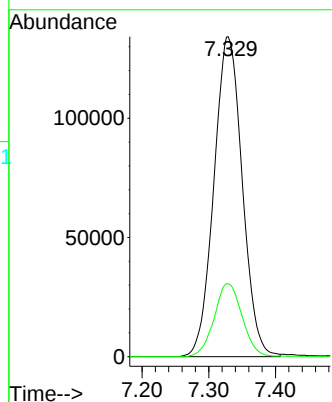
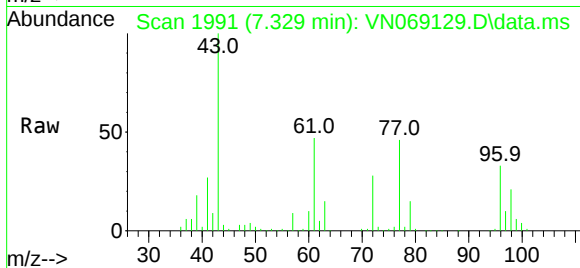
ClientSampleId :

Tgt Ion: 77 Resp: 395748

Ion Ratio Lower Upper

77 100

97 22.6 18.3 27.5



#32

1,1,1-Trichloroethane

Concen: 51.268 ug/l

RT: 8.018 min Scan# 2248

Delta R.T. 0.003 min

Lab File: VN069129.D

Acq: 22 Oct 2021 12:02

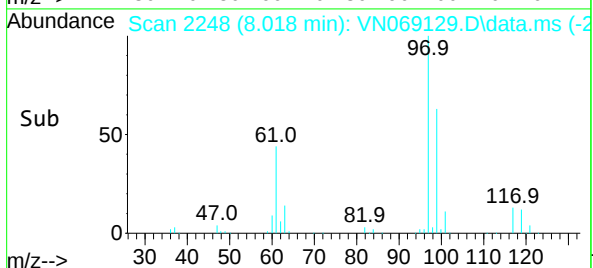
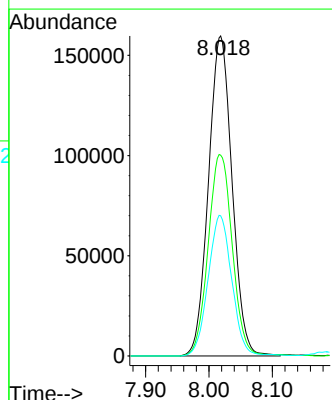
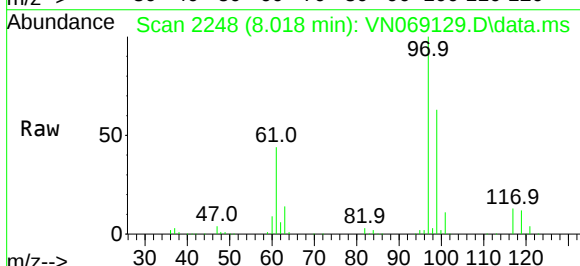
Tgt Ion: 97 Resp: 413749

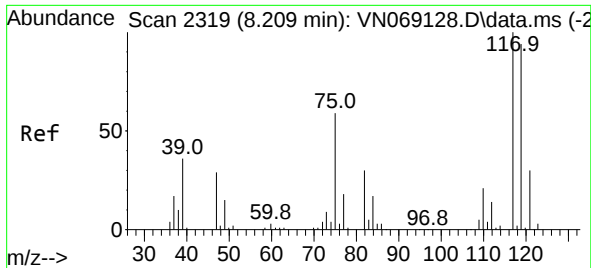
Ion Ratio Lower Upper

97 100

99 64.1 50.4 75.6

61 43.8 34.6 51.8

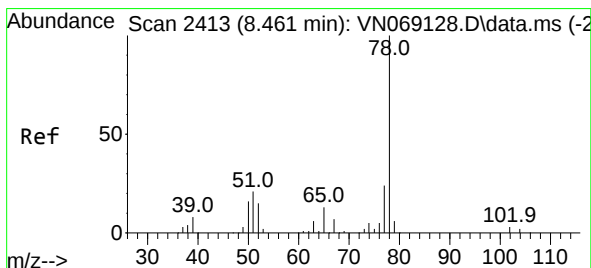
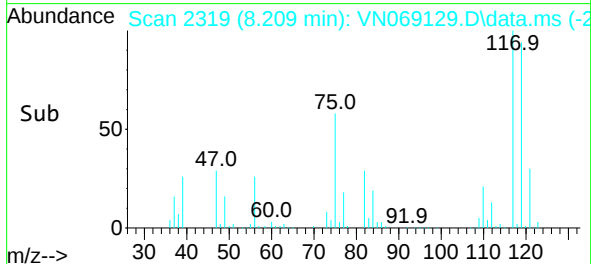
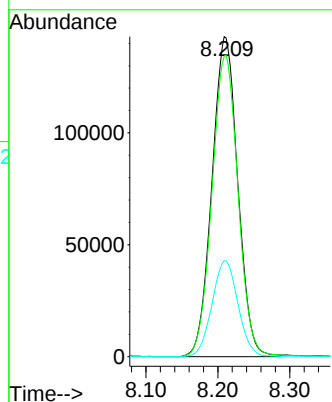
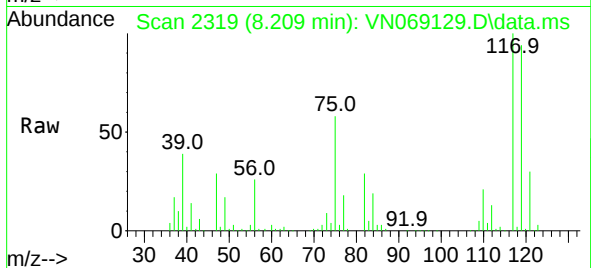




#33
Carbon Tetrachloride
Concen: 49.953 ug/l
RT: 8.209 min Scan# 2117
Delta R.T. -0.000 min
Lab File: VN069129.D
Acq: 22 Oct 2021 12:02

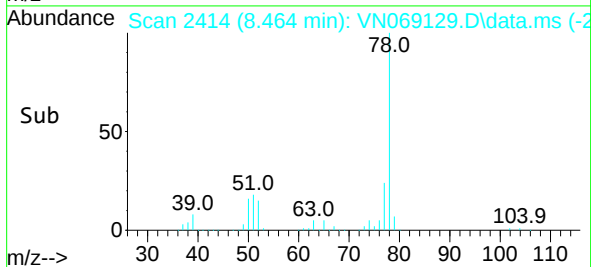
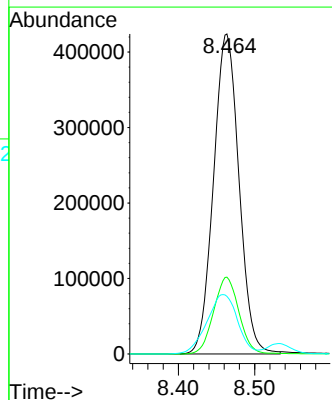
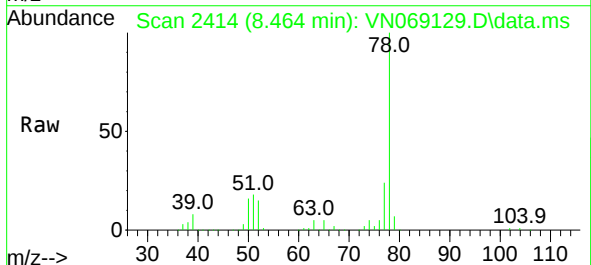
Instrument :
MSVOA_N
ClientSampleId :

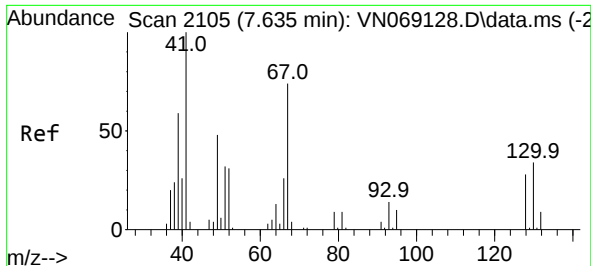
Tgt Ion:117 Resp: 356156
Ion Ratio Lower Upper
117 100
119 94.0 77.5 116.3
121 30.0 23.5 35.3



#34
Benzene
Concen: 52.089 ug/l
RT: 8.464 min Scan# 2414
Delta R.T. 0.003 min
Lab File: VN069129.D
Acq: 22 Oct 2021 12:02

Tgt Ion: 78 Resp: 982586
Ion Ratio Lower Upper
78 100
77 24.0 19.1 28.7
51 17.7 16.0 24.0

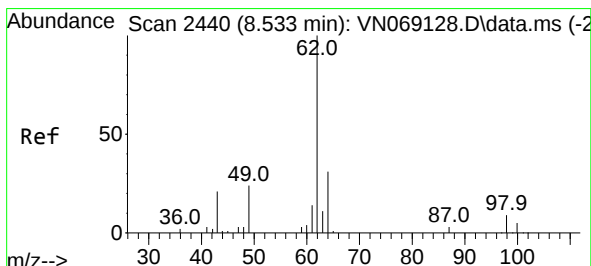
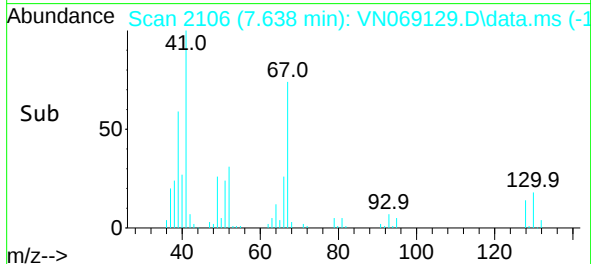
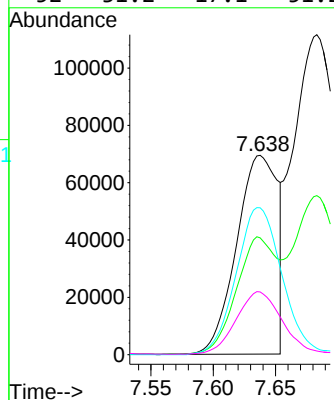
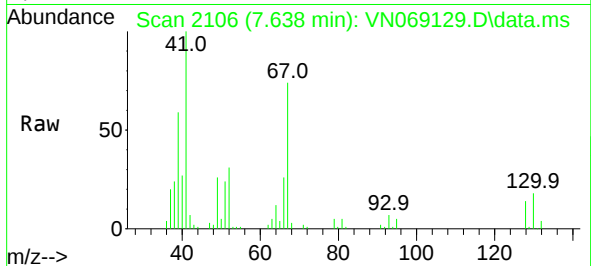




#35
Methacrylonitrile
Concen: 55.570 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. 0.003 min
Lab File: VN069129.D
Acq: 22 Oct 2021 12:02

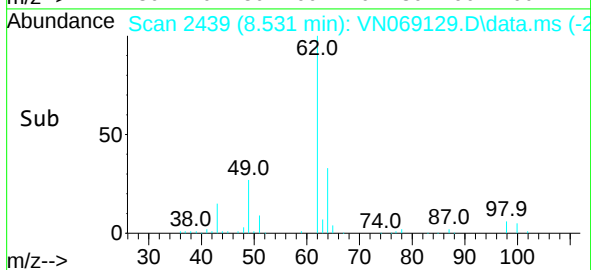
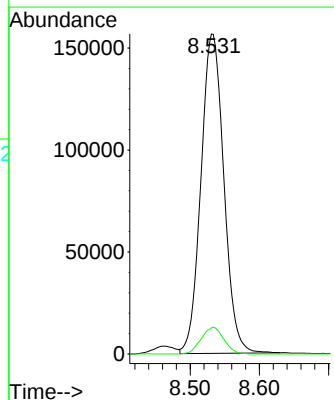
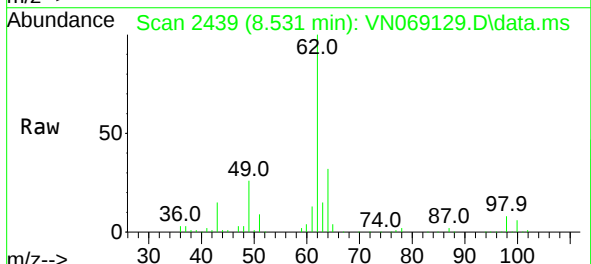
Instrument :
MSVOA_N
ClientSampleId :

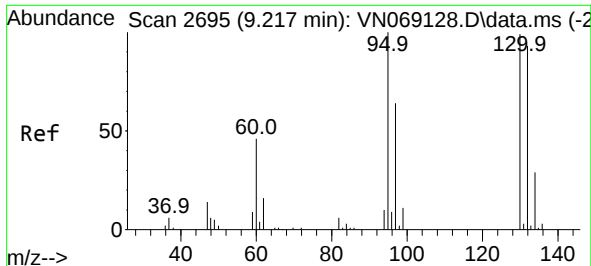
Tgt Ion: 41 Resp: 158088
Ion Ratio Lower Upper
41 100
39 58.5 28.0 83.9
67 73.9 37.7 113.1
52 31.2 17.1 51.2



#36
1,2-Dichloroethane
Concen: 51.563 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. -0.003 min
Lab File: VN069129.D
Acq: 22 Oct 2021 12:02

Tgt Ion: 62 Resp: 359327
Ion Ratio Lower Upper
62 100
98 8.3 6.6 10.0

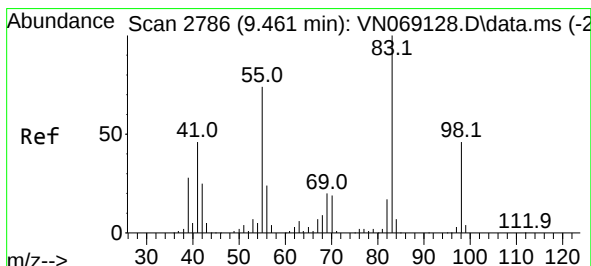
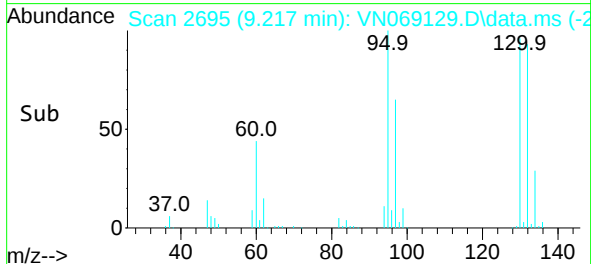
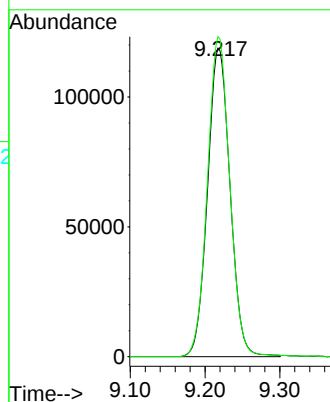
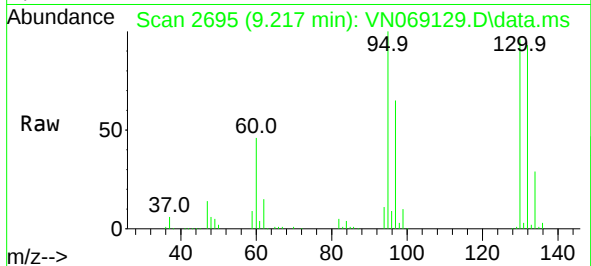




#37
Trichloroethene
Concen: 50.437 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. -0.000 min
Lab File: VN069129.D
Acq: 22 Oct 2021 12:02

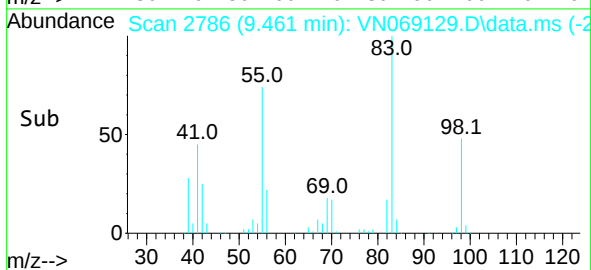
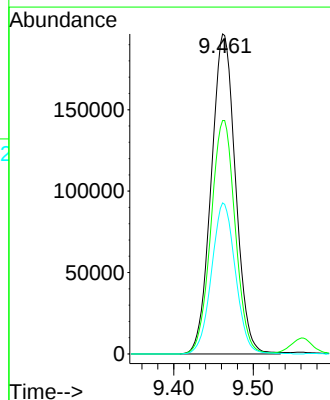
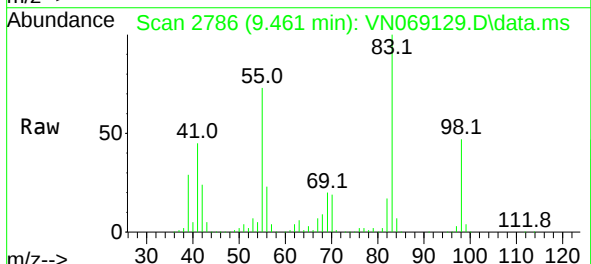
Instrument :
MSVOA_N
ClientSampleId :

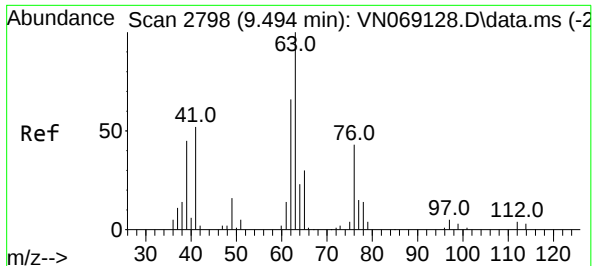
Tgt Ion:130 Resp: 248722
Ion Ratio Lower Upper
130 100
95 103.7 76.6 115.0



#38
Methylcyclohexane
Concen: 52.653 ug/l
RT: 9.461 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VN069129.D
Acq: 22 Oct 2021 12:02

Tgt Ion: 83 Resp: 416570
Ion Ratio Lower Upper
83 100
55 73.0 35.1 105.3
98 46.5 23.4 70.2





#39

1,2-Dichloropropane

Concen: 53.577 ug/l

RT: 9.494 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN069129.D

Acq: 22 Oct 2021 12:02

Instrument :

MSVOA_N

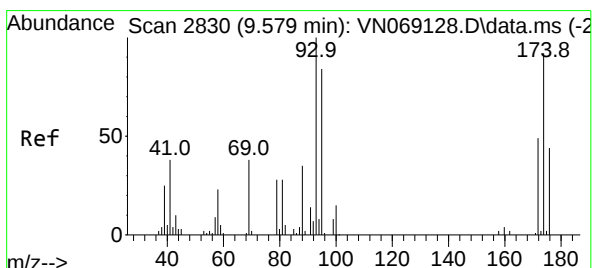
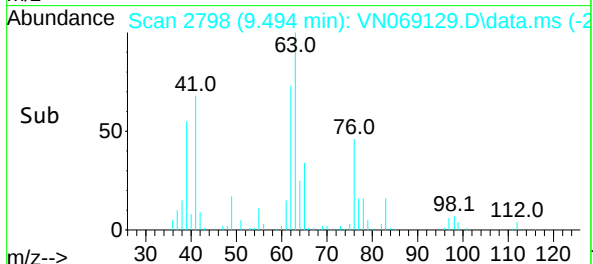
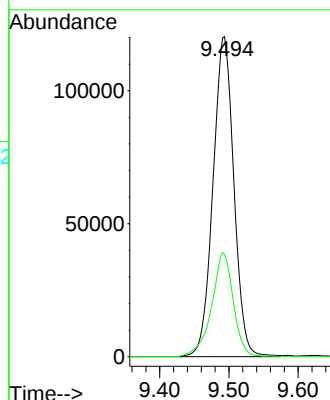
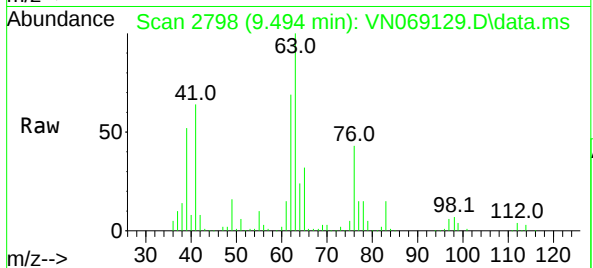
ClientSampleId :

Tgt Ion: 63 Resp: 252009

Ion Ratio Lower Upper

63 100

65 32.1 24.2 36.4



#40

Dibromomethane

Concen: 48.807 ug/l

RT: 9.579 min Scan# 2830

Delta R.T. -0.000 min

Lab File: VN069129.D

Acq: 22 Oct 2021 12:02

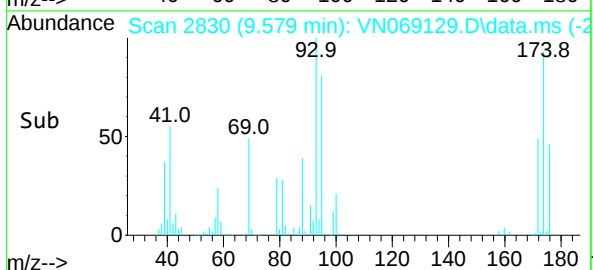
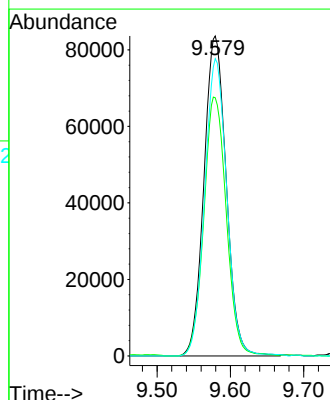
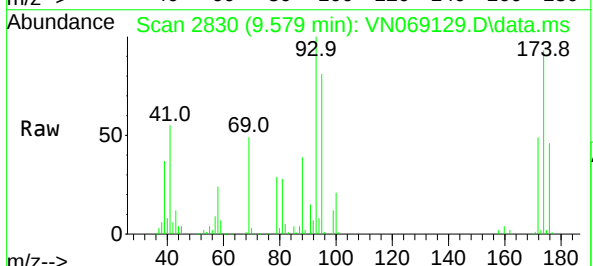
Tgt Ion: 93 Resp: 176932

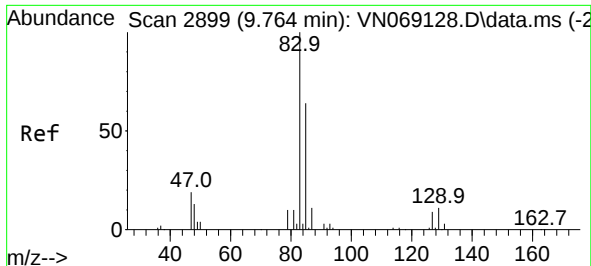
Ion Ratio Lower Upper

93 100

95 81.2 0.0 168.8

174 91.6 0.0 173.6

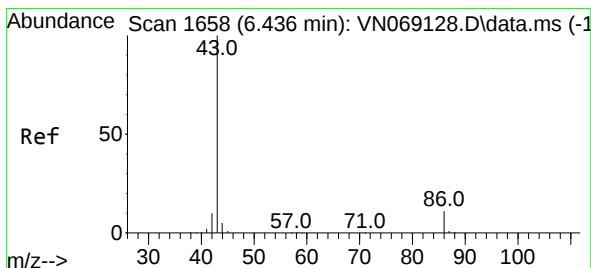
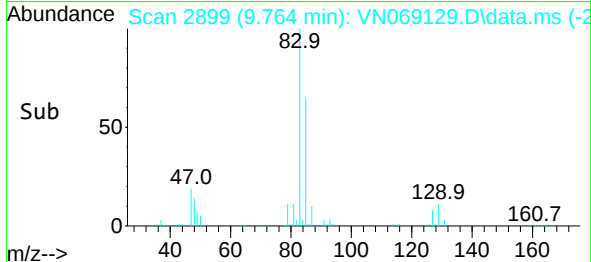
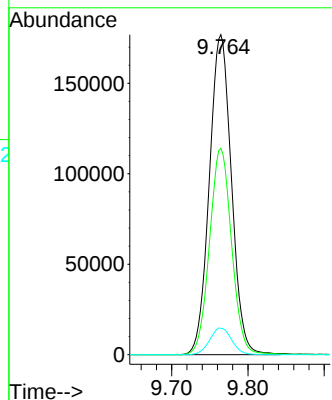
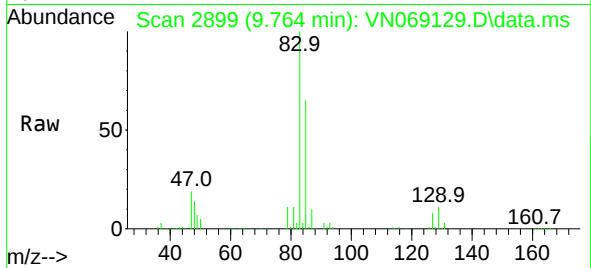




#41
Bromodichloromethane
Concen: 49.985 ug/l
RT: 9.764 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN069129.D
Acq: 22 Oct 2021 12:02

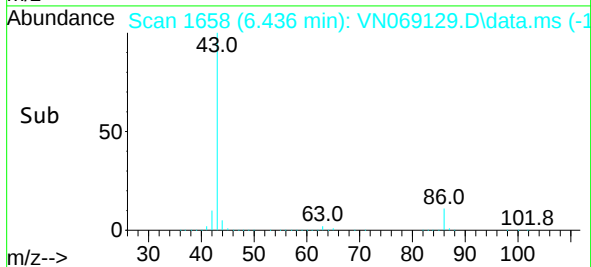
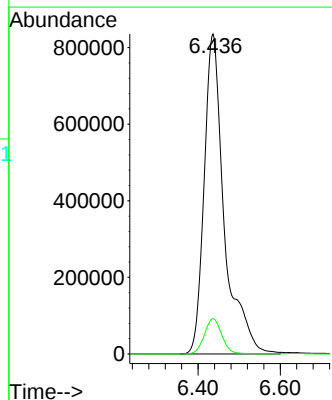
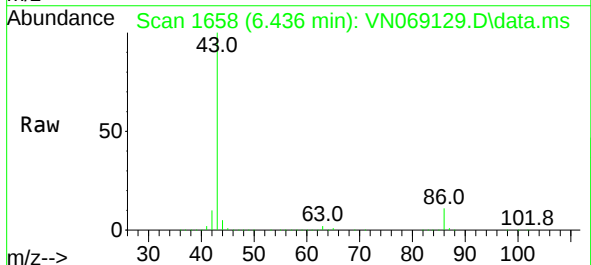
Instrument :
MSVOA_N
ClientSampleId :

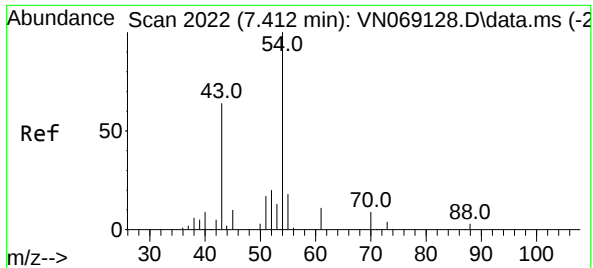
Tgt Ion: 83 Resp: 356169
Ion Ratio Lower Upper
83 100
85 64.5 54.1 81.1
127 8.3 7.6 11.4



#42
Vinyl Acetate
Concen: 268.118 ug/l
RT: 6.436 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VN069129.D
Acq: 22 Oct 2021 12:02

Tgt Ion: 43 Resp: 2845869
Ion Ratio Lower Upper
43 100
86 9.6 7.5 11.3

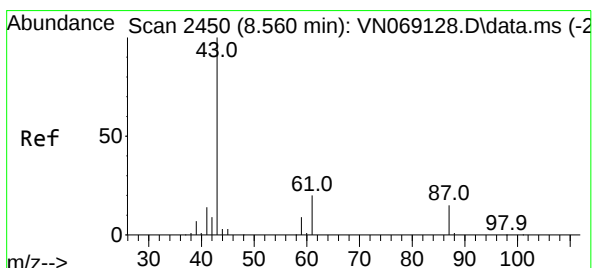
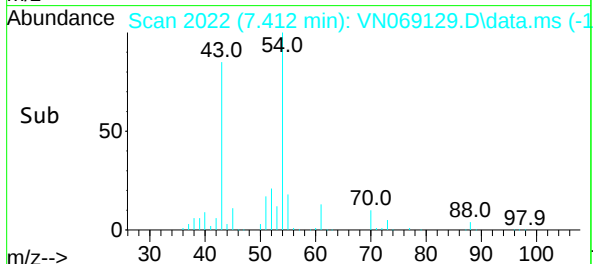
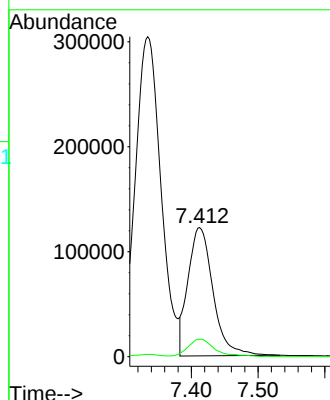
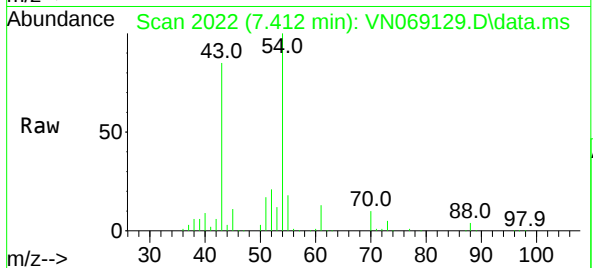




#43
Ethyl Acetate
Concen: 54.365 ug/l
RT: 7.412 min Scan# 2022
Delta R.T. -0.000 min
Lab File: VN069129.D
Acq: 22 Oct 2021 12:02

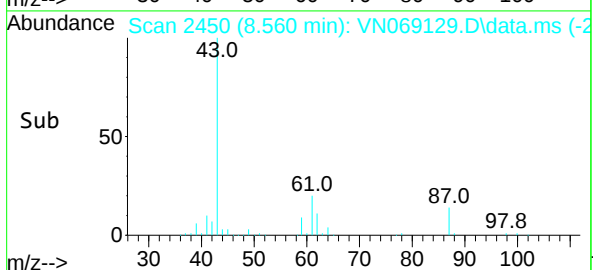
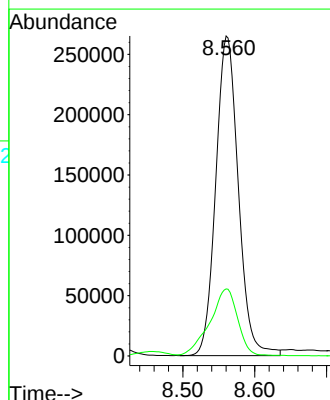
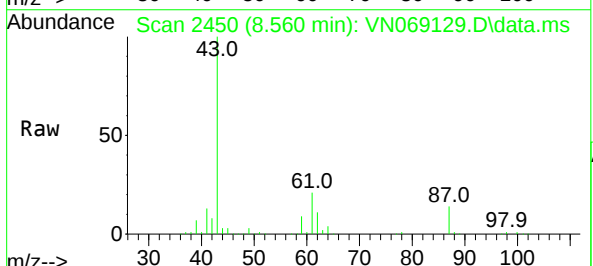
Instrument :
MSVOA_N
ClientSampleId :

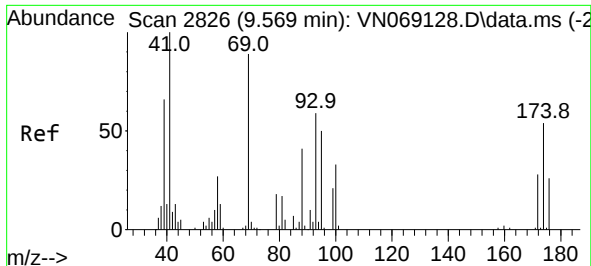
Tgt Ion: 43 Resp: 317667
Ion Ratio Lower Upper
43 100
45 13.0 10.6 16.0



#44
Isopropyl Acetate
Concen: 55.034 ug/l
RT: 8.560 min Scan# 2450
Delta R.T. -0.000 min
Lab File: VN069129.D
Acq: 22 Oct 2021 12:02

Tgt Ion: 43 Resp: 576265
Ion Ratio Lower Upper
43 100
61 25.7 20.1 30.1

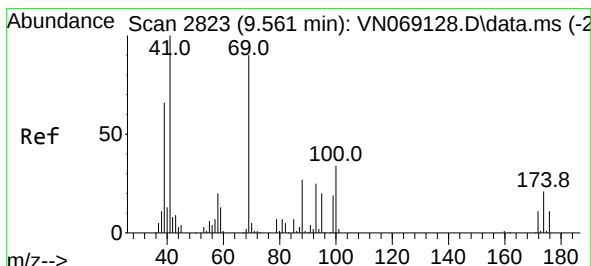
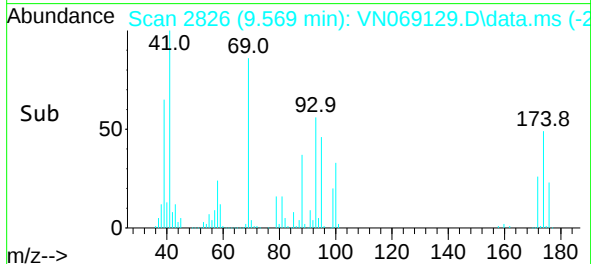
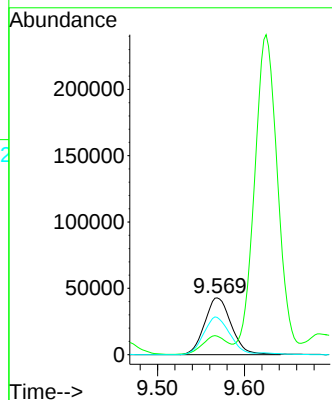
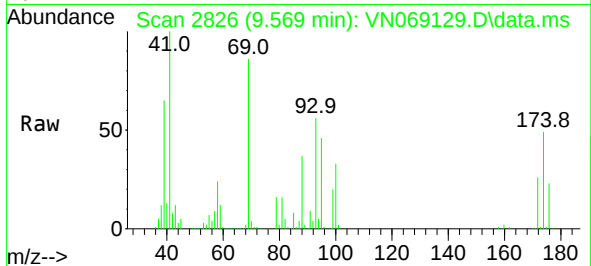




#45
1,4-Dioxane
Concen: 1093.189 ug/l
RT: 9.569 min Scan# 2826
Delta R.T. 0.000 min
Lab File: VN069129.D
Acq: 22 Oct 2021 12:02

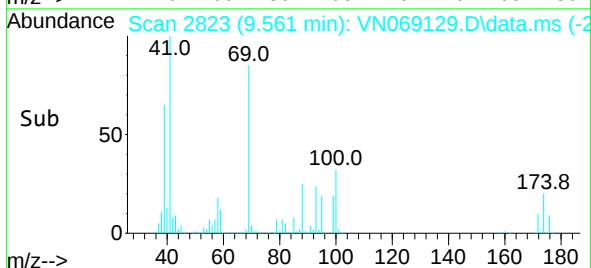
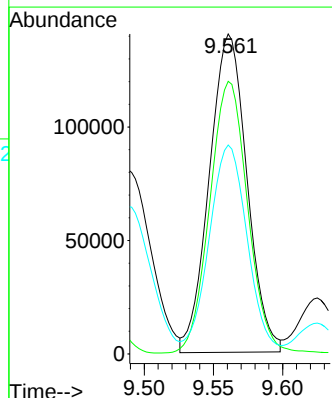
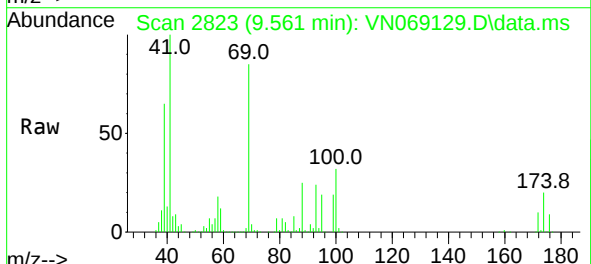
Instrument :
MSVOA_N
ClientSampleId :

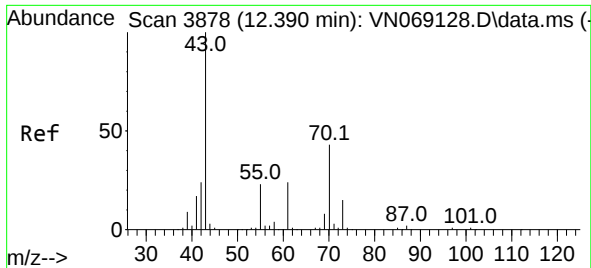
Tgt Ion: 88 Resp: 91414
Ion Ratio Lower Upper
88 100
43 29.3 25.0 37.6
58 64.9 49.4 74.2



#46
Methyl methacrylate
Concen: 57.482 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. 0.000 min
Lab File: VN069129.D
Acq: 22 Oct 2021 12:02

Tgt Ion: 41 Resp: 265366
Ion Ratio Lower Upper
41 100
69 87.3 44.4 133.2
39 65.5 39.9 119.6

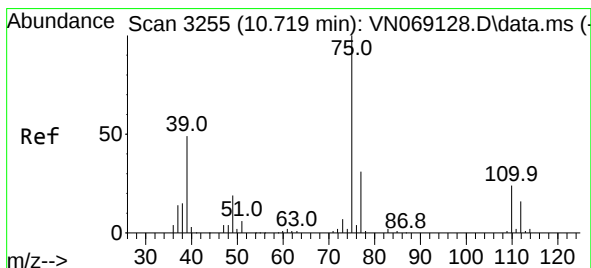
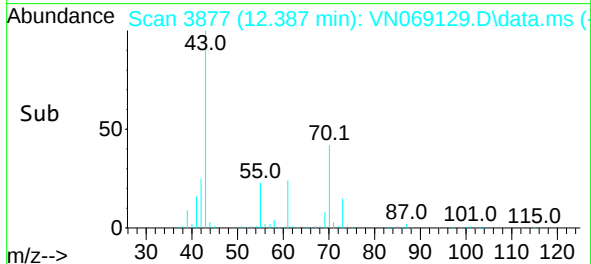
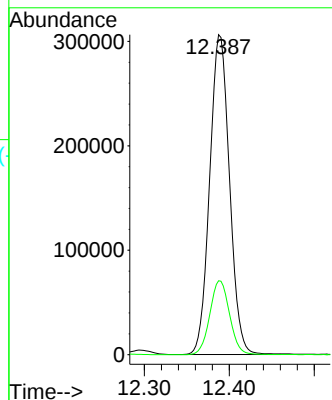
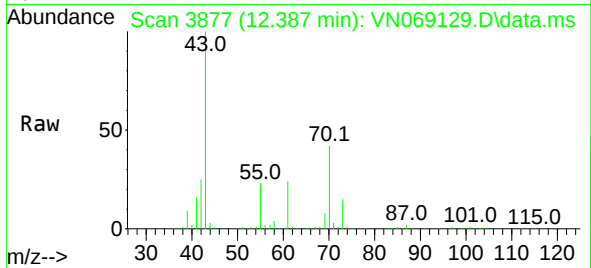




#47
n-amyl acetate
Concen: 56.128 ug/l
RT: 12.387 min Scan# 3877
Delta R.T. -0.003 min
Lab File: VN069129.D
Acq: 22 Oct 2021 12:02

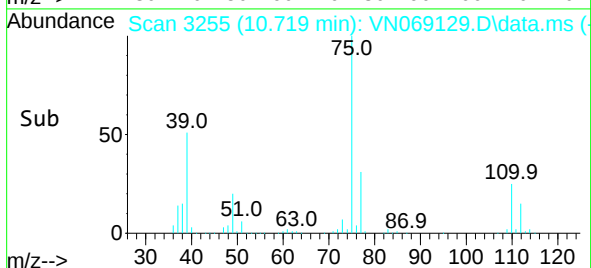
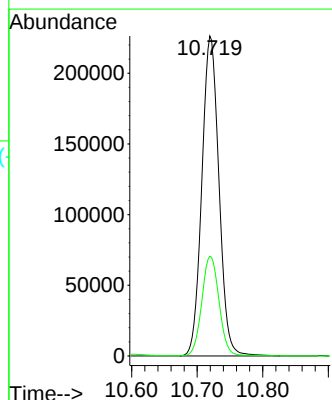
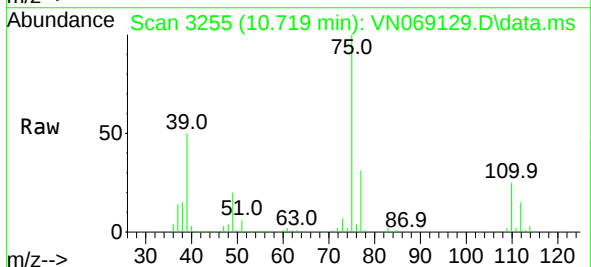
Instrument :
MSVOA_N
ClientSampleId :

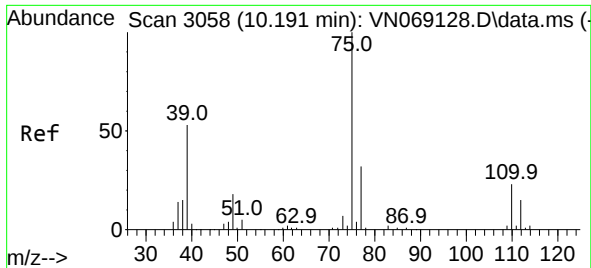
Tgt Ion: 43 Resp: 495501
Ion Ratio Lower Upper
43 100
55 23.1 19.0 28.6



#48
t-1,3-Dichloropropene
Concen: 52.194 ug/l
RT: 10.719 min Scan# 3255
Delta R.T. 0.000 min
Lab File: VN069129.D
Acq: 22 Oct 2021 12:02

Tgt Ion: 75 Resp: 409688
Ion Ratio Lower Upper
75 100
77 31.1 25.3 37.9



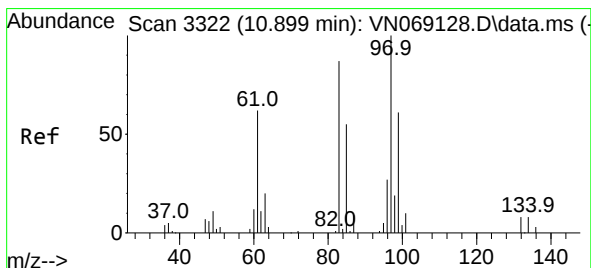
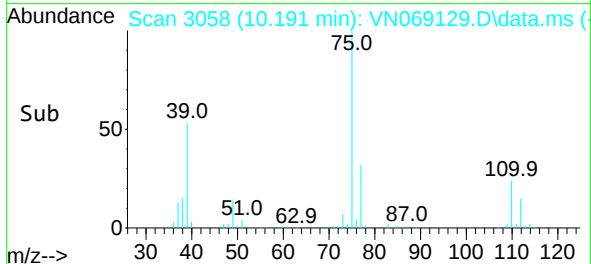
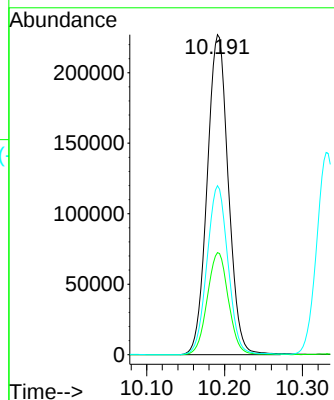
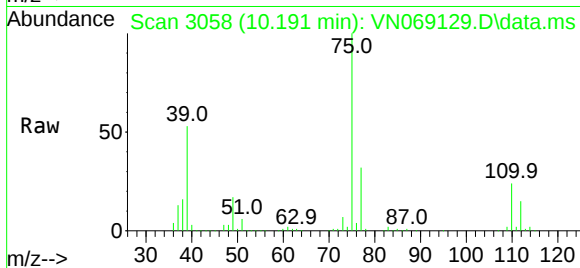


#49
 cis-1,3-Dichloropropene
 Concen: 53.405 ug/l
 RT: 10.191 min Scan# 3058
 Delta R.T. 0.000 min
 Lab File: VN069129.D
 Acq: 22 Oct 2021 12:02

Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion: 75 Resp: 428693

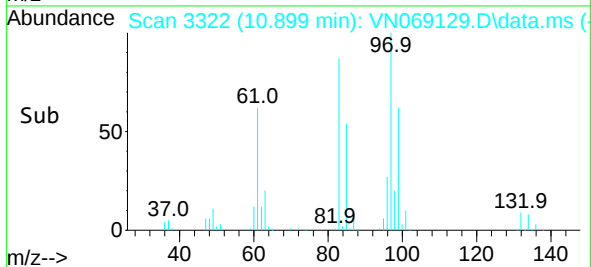
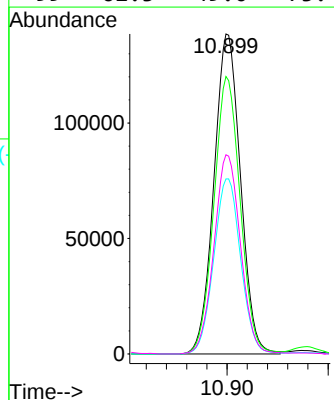
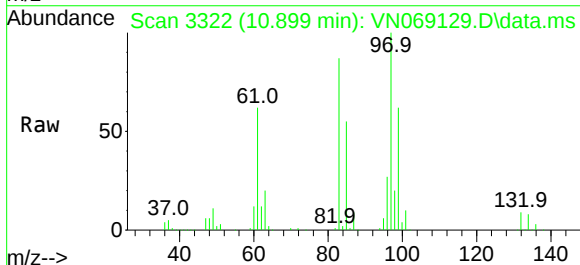
Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.3	37.9
39	52.8	46.2	69.4

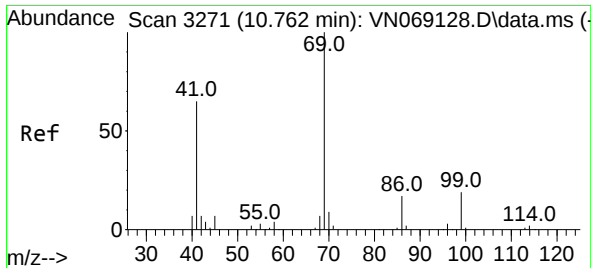


#50
 1,1,2-Trichloroethane
 Concen: 50.005 ug/l
 RT: 10.899 min Scan# 3322
 Delta R.T. -0.000 min
 Lab File: VN069129.D
 Acq: 22 Oct 2021 12:02

Tgt Ion: 97 Resp: 252387

Ion	Ratio	Lower	Upper
97	100		
83	86.7	67.2	100.8
85	54.7	43.0	64.4
99	62.3	49.0	73.4

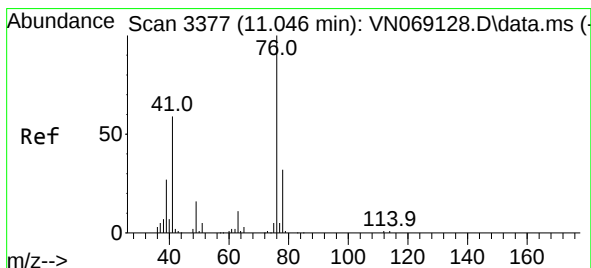
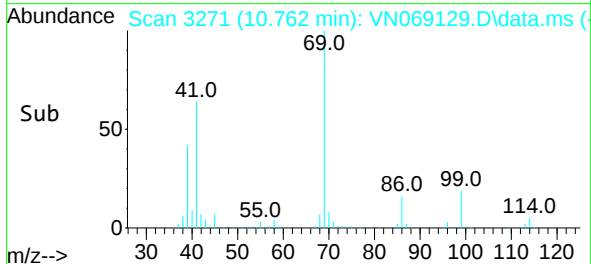
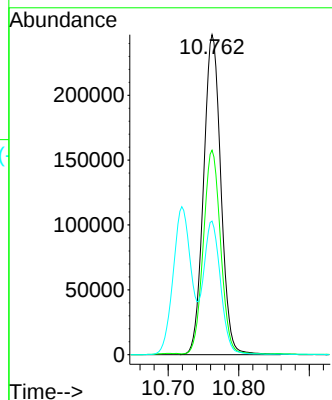
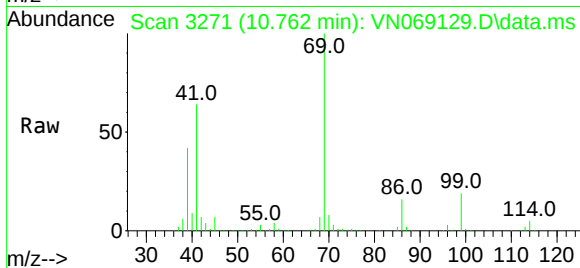




#51
Ethyl methacrylate
Concen: 53.946 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. -0.000 min
Lab File: VN069129.D
Acq: 22 Oct 2021 12:02

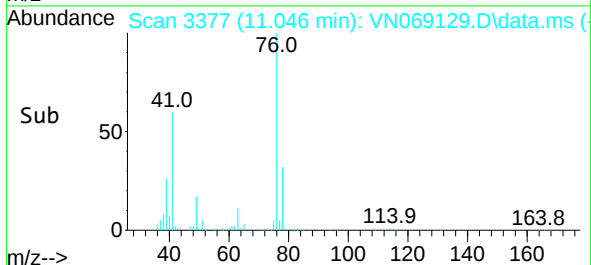
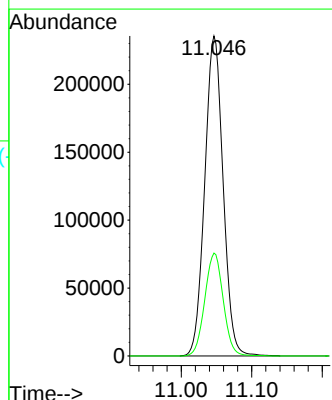
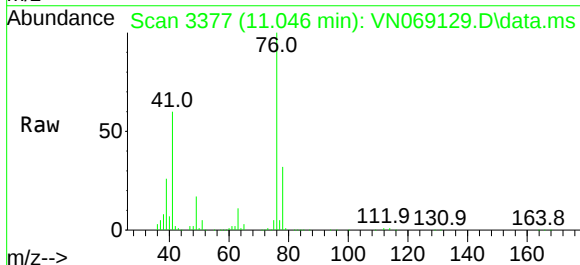
Instrument :
MSVOA_N
ClientSampleId :

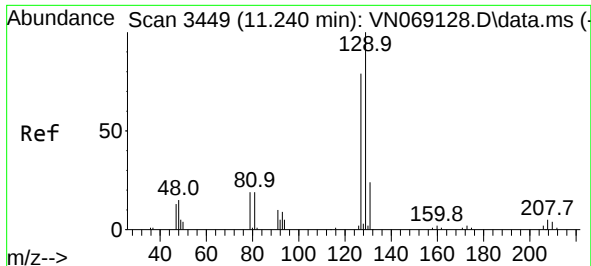
Tgt Ion: 69 Resp: 420530
Ion Ratio Lower Upper
69 100
41 63.6 33.0 98.9
39 41.6 25.4 76.4



#52
1,3-Dichloropropane
Concen: 51.681 ug/l
RT: 11.046 min Scan# 3377
Delta R.T. 0.000 min
Lab File: VN069129.D
Acq: 22 Oct 2021 12:02

Tgt Ion: 76 Resp: 426523
Ion Ratio Lower Upper
76 100
78 32.3 0.0 65.4

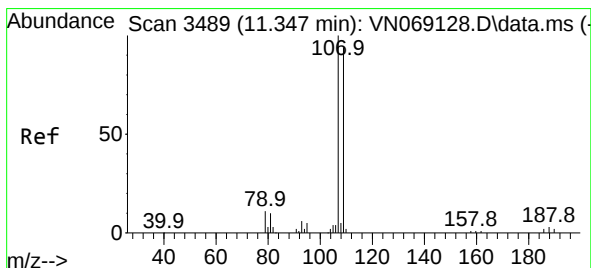
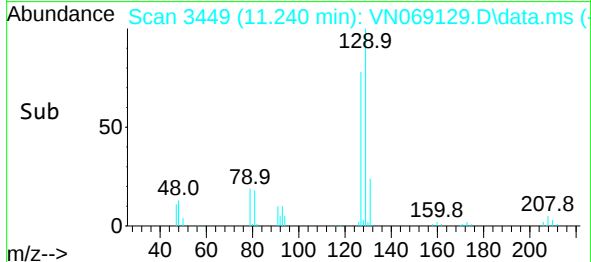
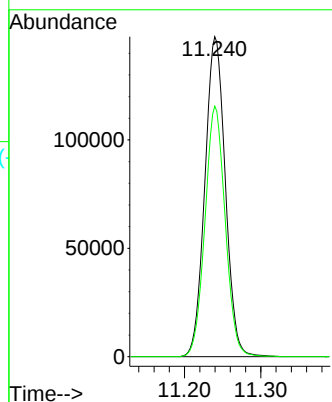
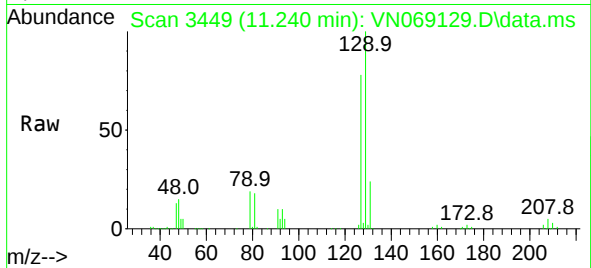




#53
Dibromochloromethane
Concen: 48.283 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. 0.000 min
Lab File: VN069129.D
Acq: 22 Oct 2021 12:02

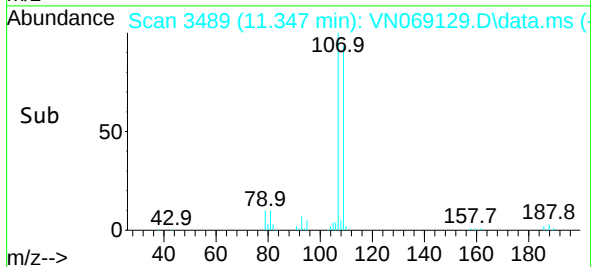
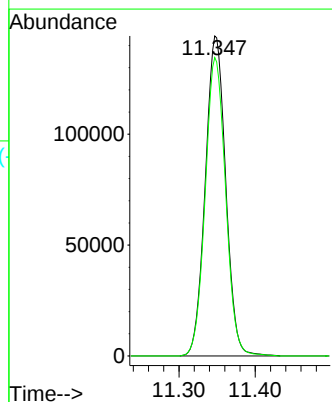
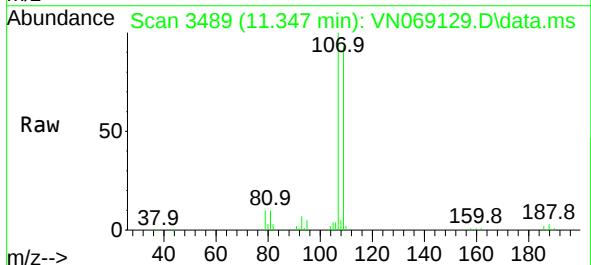
Instrument :
MSVOA_N
ClientSampleId :

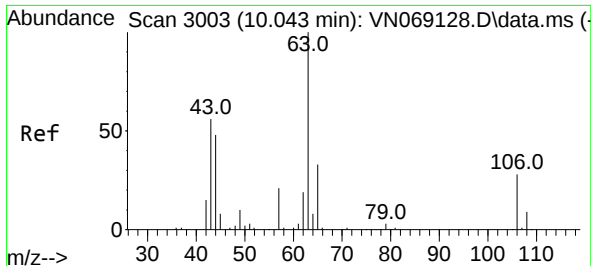
Tgt Ion:129 Resp: 274741
Ion Ratio Lower Upper
129 100
127 77.6 39.0 117.0



#54
1,2-Dibromoethane
Concen: 50.792 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN069129.D
Acq: 22 Oct 2021 12:02

Tgt Ion:107 Resp: 268117
Ion Ratio Lower Upper
107 100
109 93.4 72.8 109.2

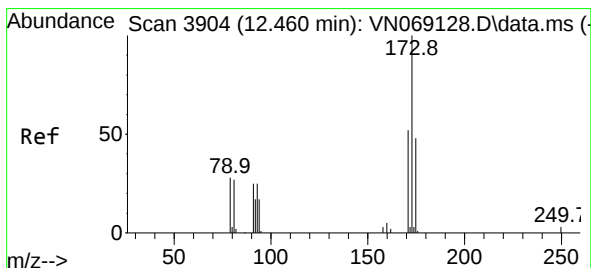
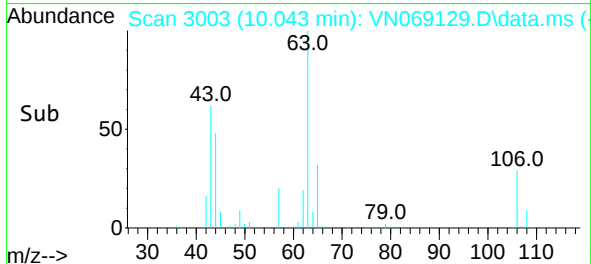
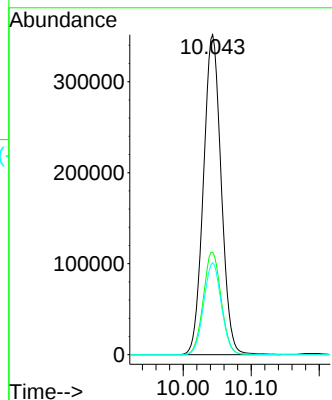
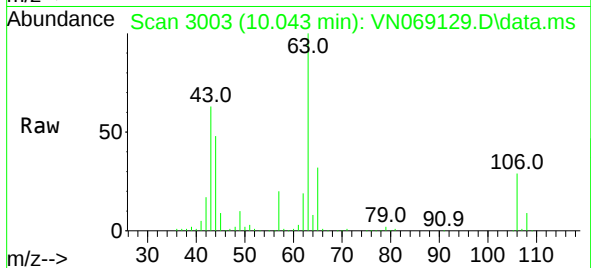




#55
2-Chloroethyl vinyl ether
Concen: 287.372 ug/l
RT: 10.043 min Scan# 3003
Delta R.T. -0.000 min
Lab File: VN069129.D
Acq: 22 Oct 2021 12:02

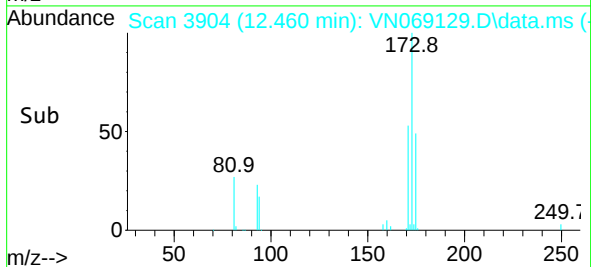
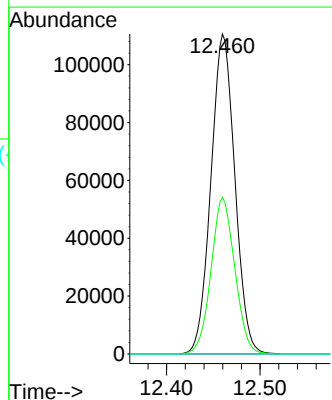
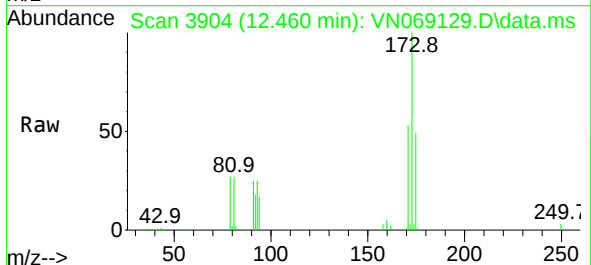
Instrument :
MSVOA_N
ClientSampleId :

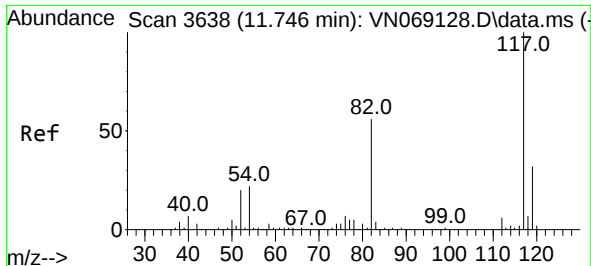
Tgt Ion: 63 Resp: 638072
Ion Ratio Lower Upper
63 100
65 32.2 25.4 38.0
106 28.6 23.2 34.8



#56
Bromoform
Concen: 48.054 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. -0.000 min
Lab File: VN069129.D
Acq: 22 Oct 2021 12:02

Tgt Ion: 173 Resp: 197274
Ion Ratio Lower Upper
173 100
175 48.4 38.6 58.0
254 0.0 0.0 0.0

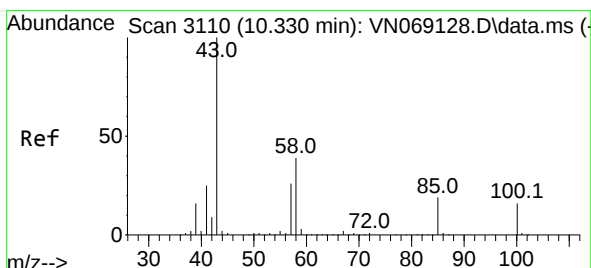
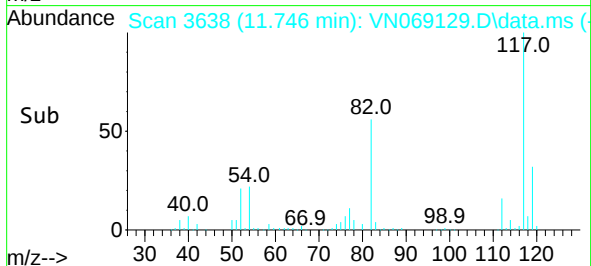
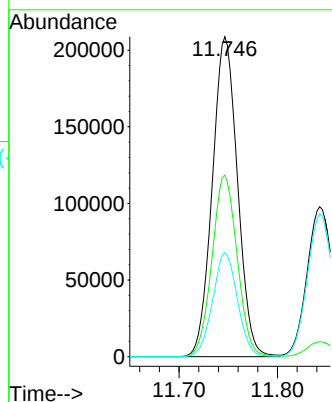
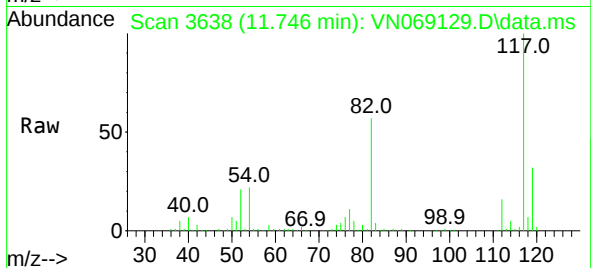




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN069129.D
Acq: 22 Oct 2021 12:02

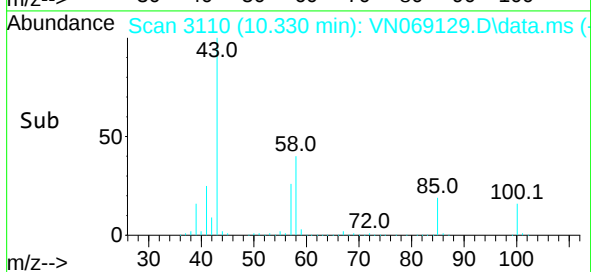
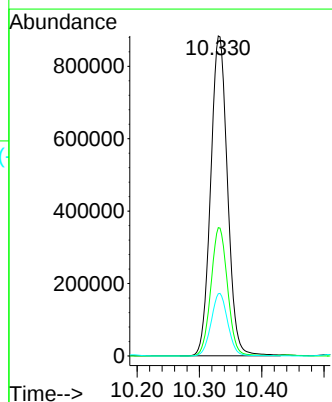
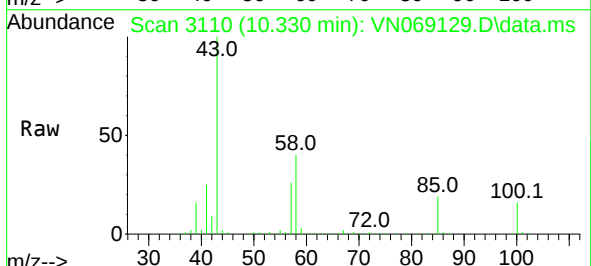
Instrument :
MSVOA_N
ClientSampleId :

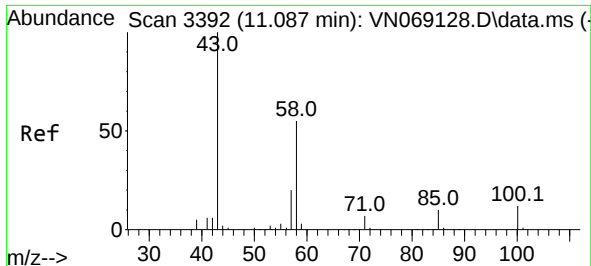
Tgt Ion:117 Resp: 371180
Ion Ratio Lower Upper
117 100
82 56.8 43.6 65.4
119 32.1 25.8 38.6



#58
4-Methyl-2-Pentanone
Concen: 260.370 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. -0.000 min
Lab File: VN069129.D
Acq: 22 Oct 2021 12:02

Tgt Ion: 43 Resp: 1657428
Ion Ratio Lower Upper
43 100
58 39.7 30.0 45.0
85 19.3 15.0 22.6

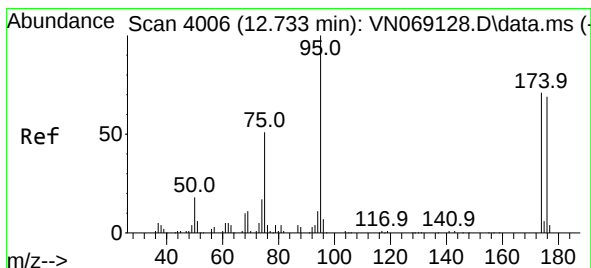
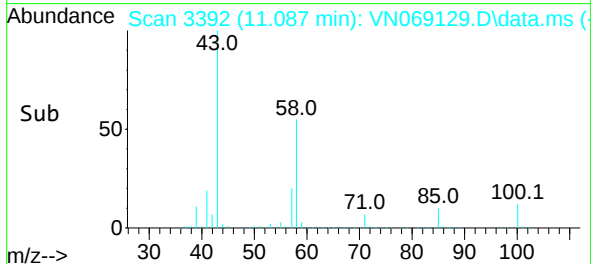
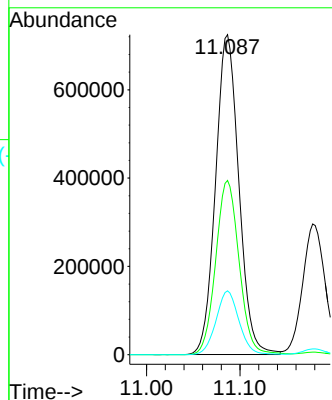
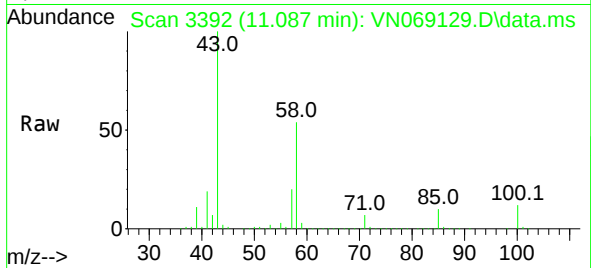




#59
2-Hexanone
Concen: 269.539 ug/l
RT: 11.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN069129.D
Acq: 22 Oct 2021 12:02

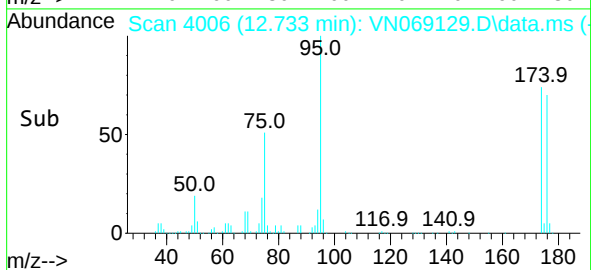
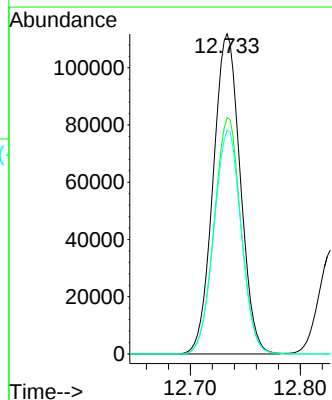
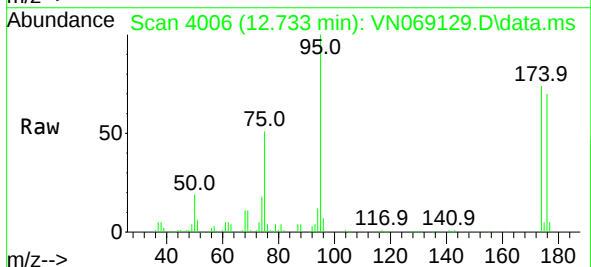
Instrument :
MSVOA_N
ClientSampleId :

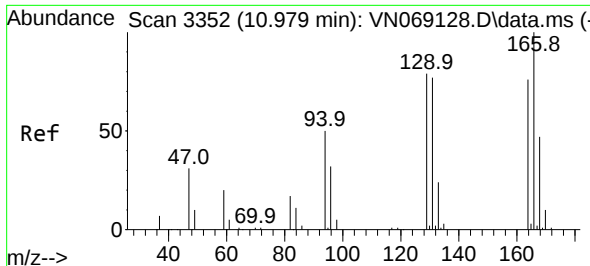
Tgt Ion: 43 Resp: 1256990
Ion Ratio Lower Upper
43 100
58 54.8 42.2 63.2
57 19.7 15.0 22.4



#60
4-Bromofluorobenzene
Concen: 32.175 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN069129.D
Acq: 22 Oct 2021 12:02

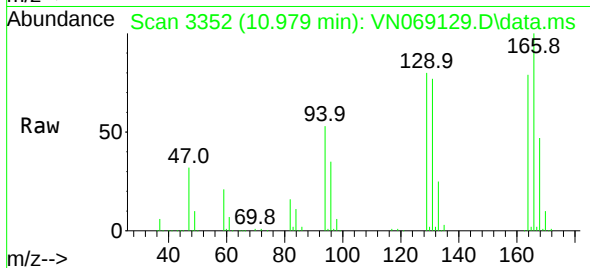
Tgt Ion: 95 Resp: 191563
Ion Ratio Lower Upper
95 100
174 73.1 62.9 94.3
176 70.4 61.0 91.4



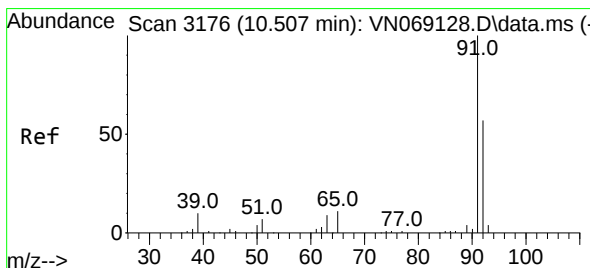
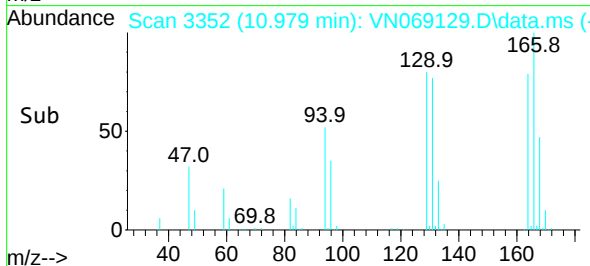
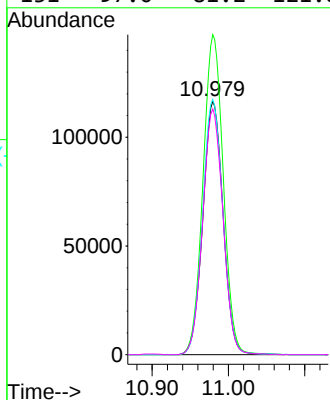


#61
Tetrachloroethene
Concen: 49.411 ug/l
RT: 10.979 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069129.D
Acq: 22 Oct 2021 12:02

Instrument :
MSVOA_N
ClientSampleId :

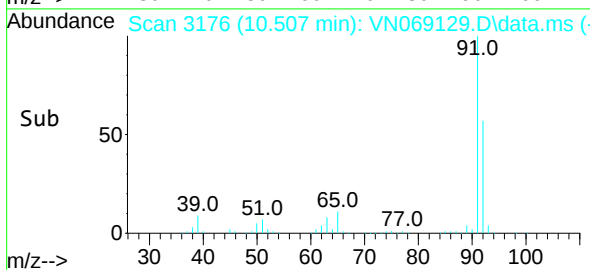
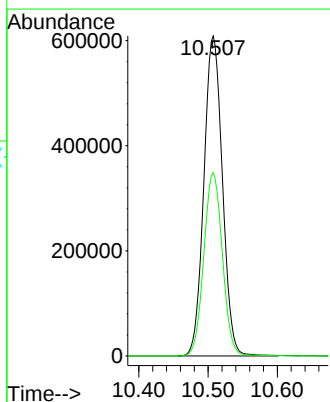
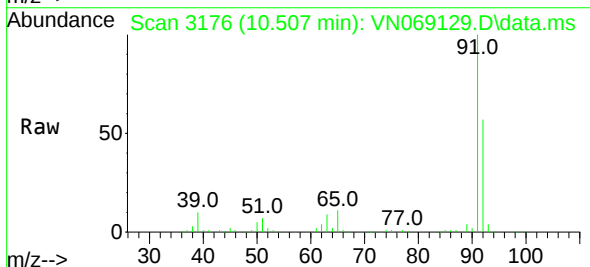


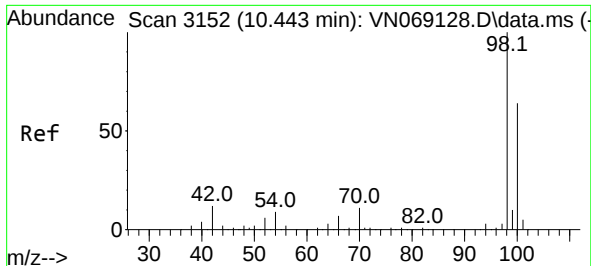
Tgt Ion:164 Resp: 214348
Ion Ratio Lower Upper
164 100
166 126.3 105.8 158.8
129 100.7 82.5 123.7
131 97.0 81.2 121.8



#62
Toluene
Concen: 50.581 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. -0.000 min
Lab File: VN069129.D
Acq: 22 Oct 2021 12:02

Tgt Ion: 91 Resp: 1132540
Ion Ratio Lower Upper
91 100
92 57.5 44.6 67.0

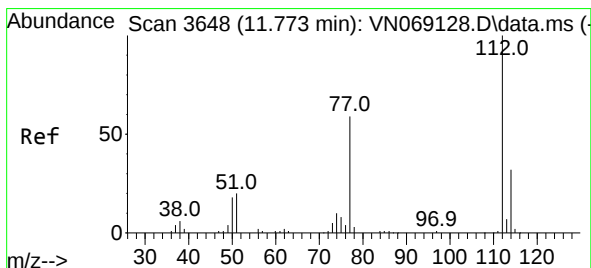
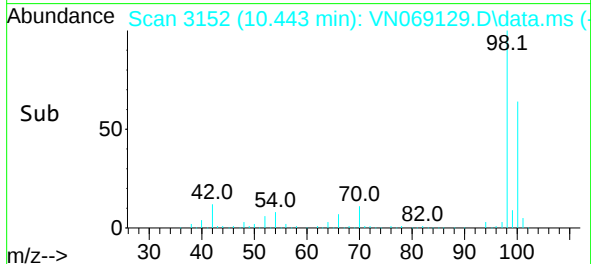
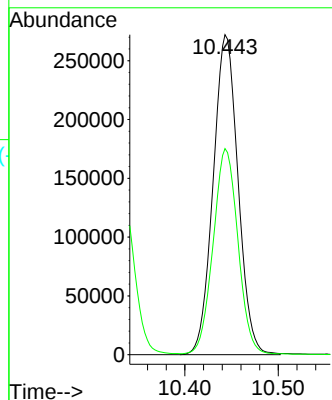
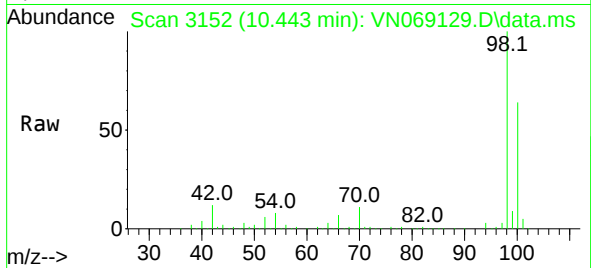




#63
Toluene-d8
Concen: 30.019 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069129.D
Acq: 22 Oct 2021 12:02

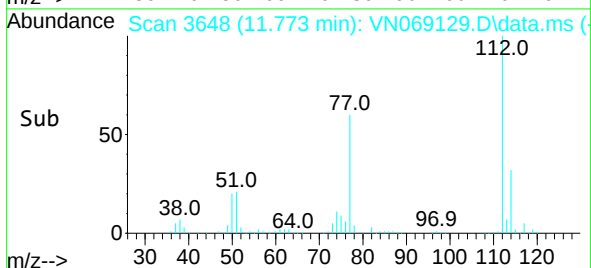
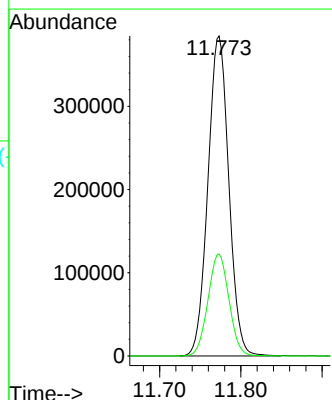
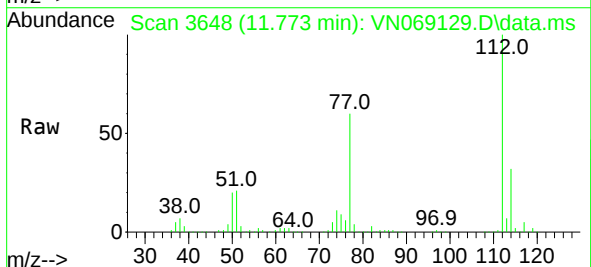
Instrument :
MSVOA_N
ClientSampleId :

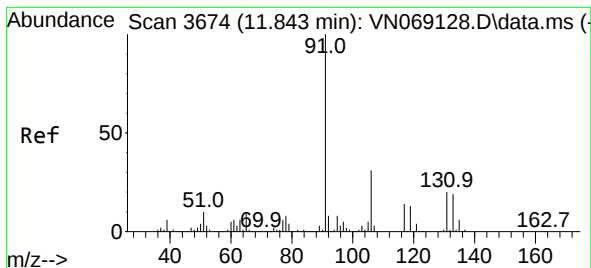
Tgt Ion: 98 Resp: 503593
Ion Ratio Lower Upper
98 100
100 64.4 50.6 76.0



#64
Chlorobenzene
Concen: 50.002 ug/l
RT: 11.773 min Scan# 3648
Delta R.T. -0.000 min
Lab File: VN069129.D
Acq: 22 Oct 2021 12:02

Tgt Ion: 112 Resp: 685810
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.6





#65

1,1,1,2-Tetrachloroethane

Concen: 49.232 ug/l

RT: 11.843 min Scan# 3

Delta R.T. -0.000 min

Lab File: VN069129.D

Acq: 22 Oct 2021 12:02

Instrument :

MSVOA_N

ClientSampleId :

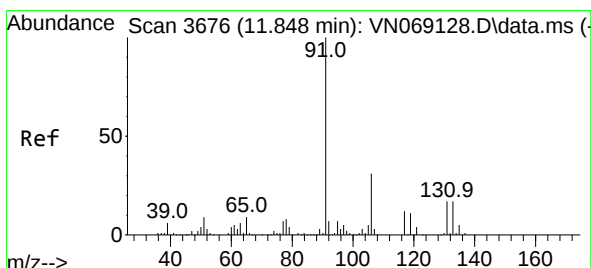
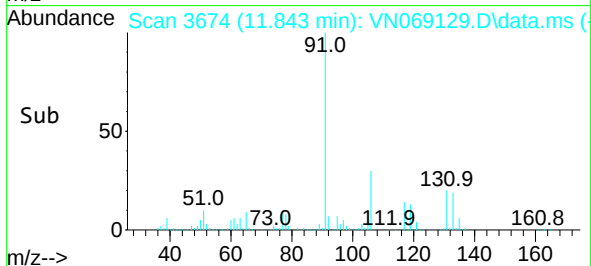
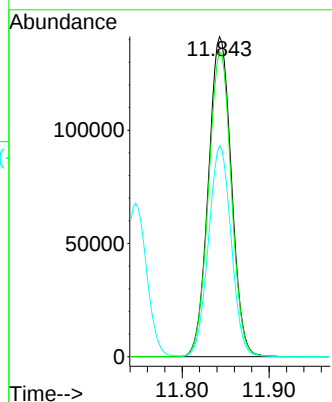
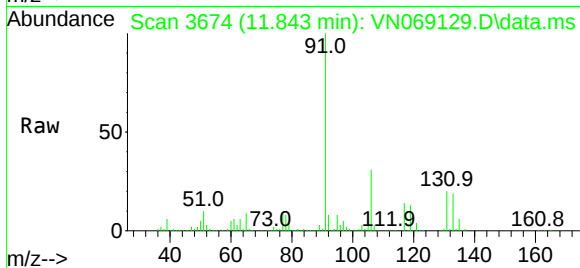
Tgt Ion:131 Resp: 259364

Ion Ratio Lower Upper

131 100

133 94.6 0.0 191.2

119 65.2 0.0 128.8



#66

Ethyl Benzene

Concen: 50.842 ug/l

RT: 11.846 min Scan# 3675

Delta R.T. -0.003 min

Lab File: VN069129.D

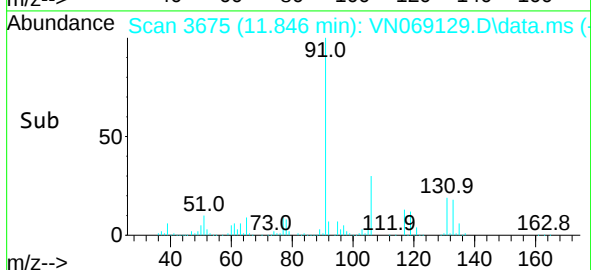
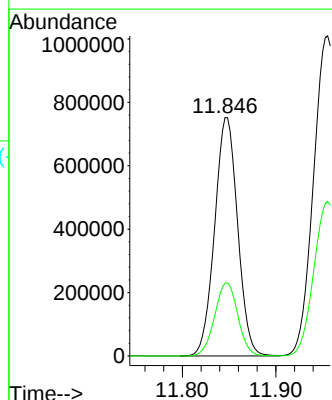
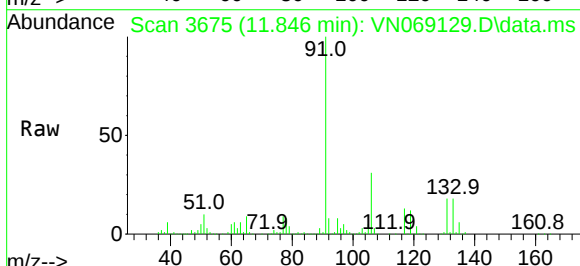
Acq: 22 Oct 2021 12:02

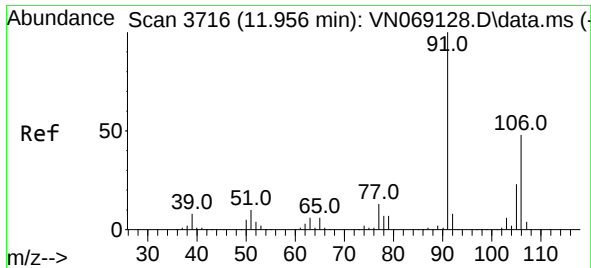
Tgt Ion: 91 Resp: 1285486

Ion Ratio Lower Upper

91 100

106 30.5 24.0 36.0

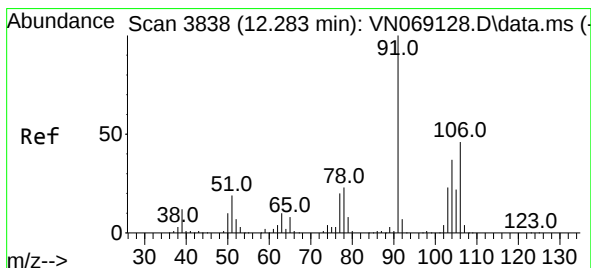
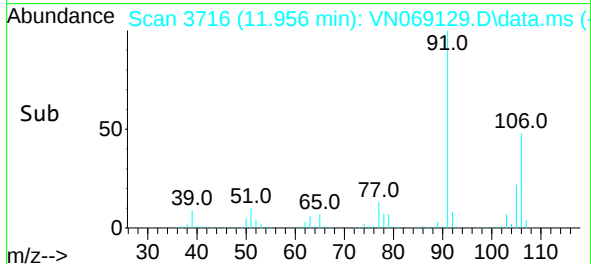
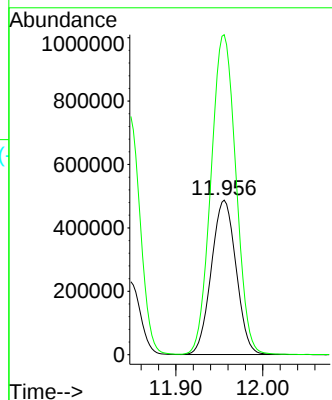
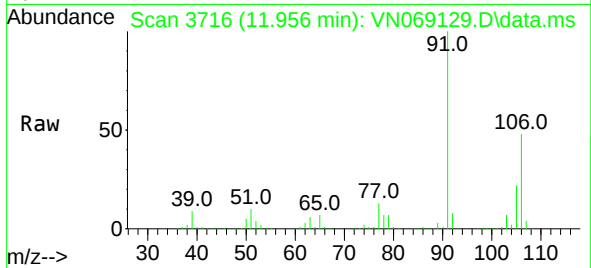




#67
m/p-Xylenes
Concen: 98.939 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.000 min
Lab File: VN069129.D
Acq: 22 Oct 2021 12:02

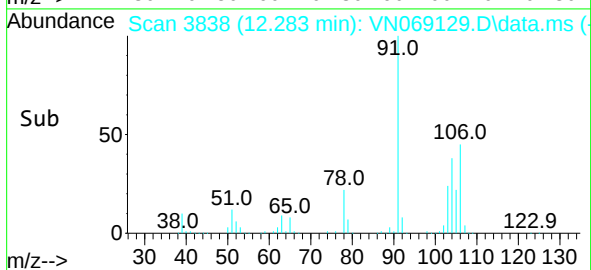
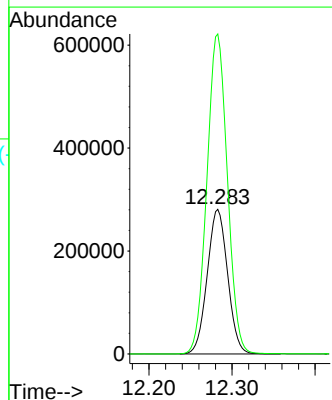
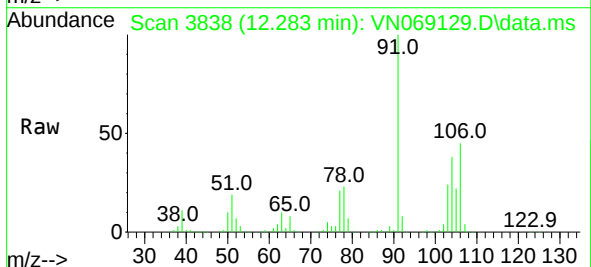
Instrument :
MSVOA_N
ClientSampleId :

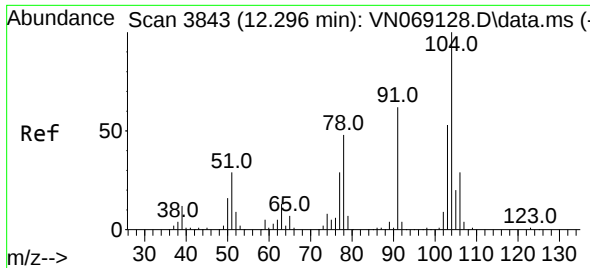
Tgt Ion:106 Resp: 963634
Ion Ratio Lower Upper
106 100
91 208.9 162.9 244.3



#68
o-Xylene
Concen: 49.921 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN069129.D
Acq: 22 Oct 2021 12:02

Tgt Ion:106 Resp: 479470
Ion Ratio Lower Upper
106 100
91 221.8 107.7 323.1

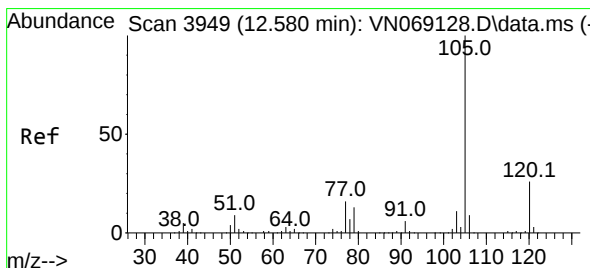
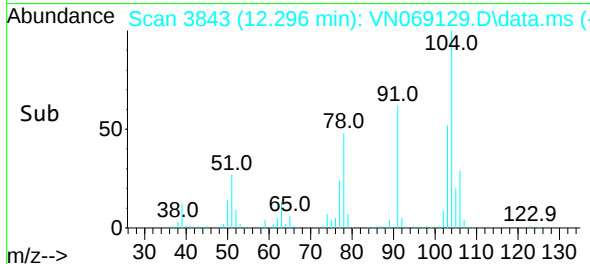
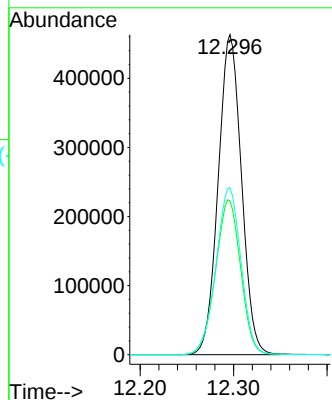
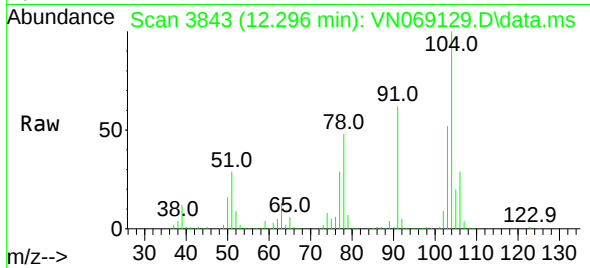




#69
Styrene
Concen: 50.692 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. -0.000 min
Lab File: VN069129.D
Acq: 22 Oct 2021 12:02

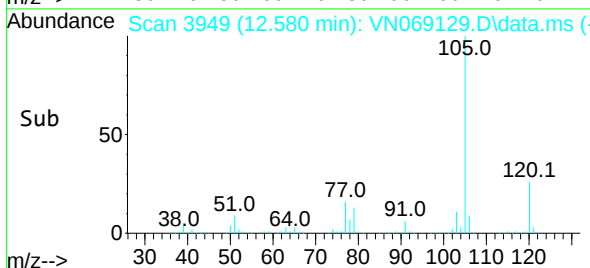
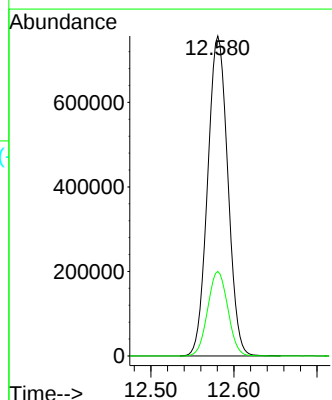
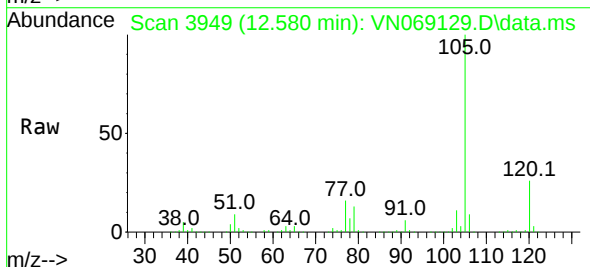
Instrument :
MSVOA_N
ClientSampleId :

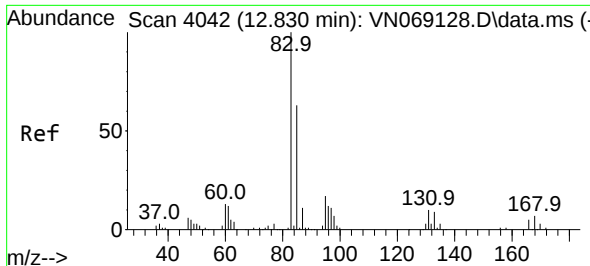
Tgt Ion:104 Resp: 803648
Ion Ratio Lower Upper
104 100
78 52.2 40.7 61.1
103 55.9 45.8 68.8



#70
Isopropylbenzene
Concen: 50.218 ug/l
RT: 12.580 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN069129.D
Acq: 22 Oct 2021 12:02

Tgt Ion:105 Resp: 1275805
Ion Ratio Lower Upper
105 100
120 26.4 18.3 34.1

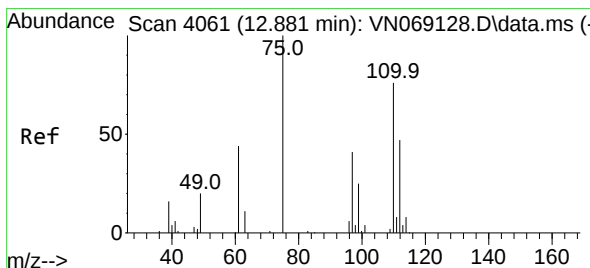
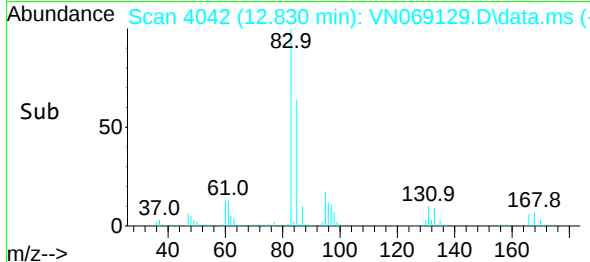
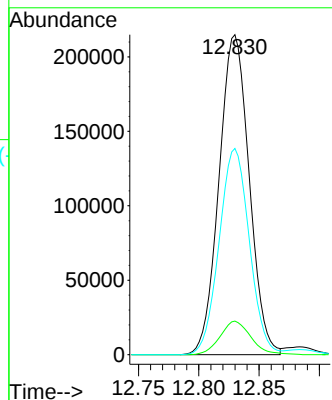
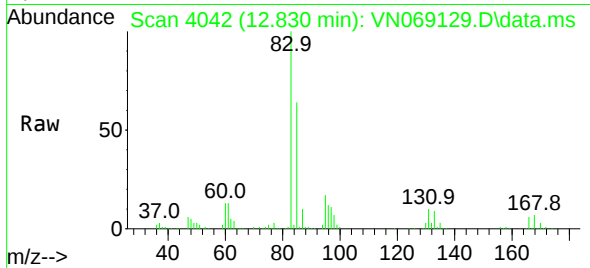




#71
 1,1,2,2-Tetrachloroethane
 Concen: 51.833 ug/l
 RT: 12.830 min Scan# 4042
 Delta R.T. -0.000 min
 Lab File: VN069129.D
 Acq: 22 Oct 2021 12:02

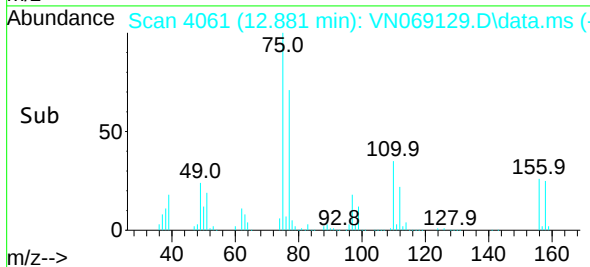
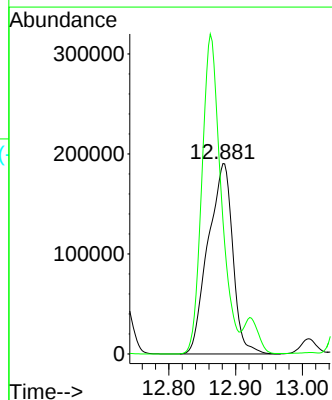
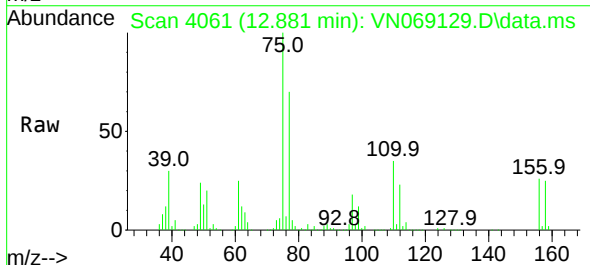
Instrument :
 MSVOA_N
 ClientSampleId :

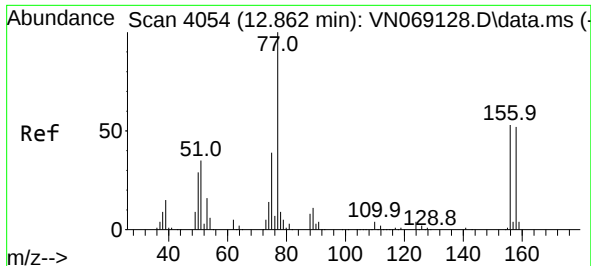
Tgt Ion: 83 Resp: 374368
 Ion Ratio Lower Upper
 83 100
 131 10.7 5.1 15.3
 85 64.6 33.1 99.2



#72
 1,2,3-Trichloropropane
 Concen: 82.447 ug/l
 RT: 12.881 min Scan# 4061
 Delta R.T. 0.000 min
 Lab File: VN069129.D
 Acq: 22 Oct 2021 12:02

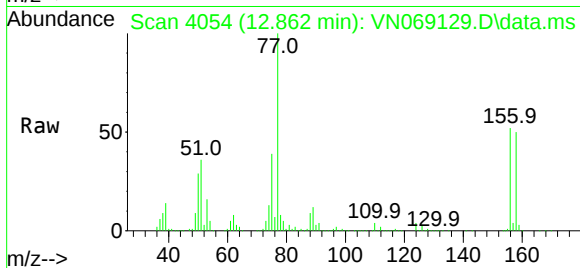
Tgt Ion: 75 Resp: 489108
 Ion Ratio Lower Upper
 75 100
 77 130.2 0.0 378.0



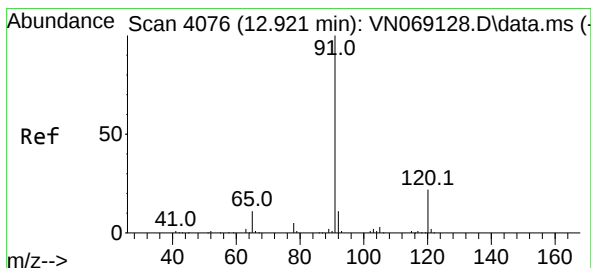
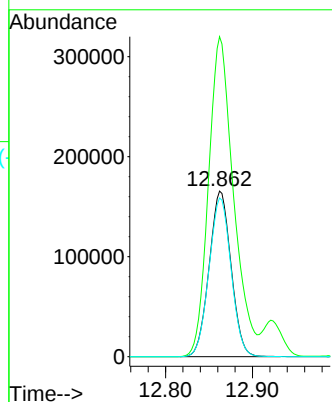
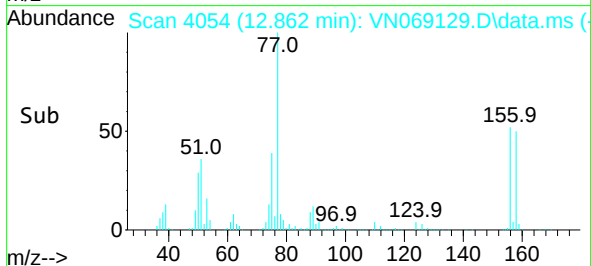


#73
Bromobenzene
Concen: 50.198 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. -0.000 min
Lab File: VN069129.D
Acq: 22 Oct 2021 12:02

Instrument :
MSVOA_N
ClientSampleId :

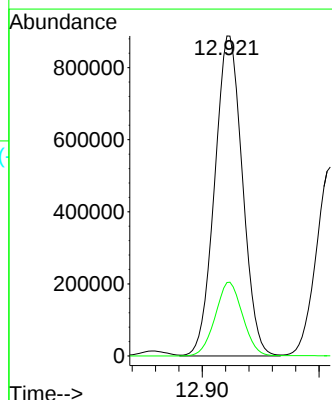
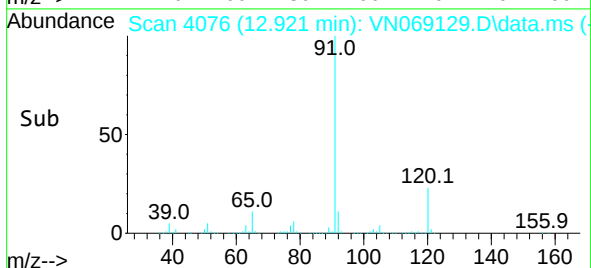
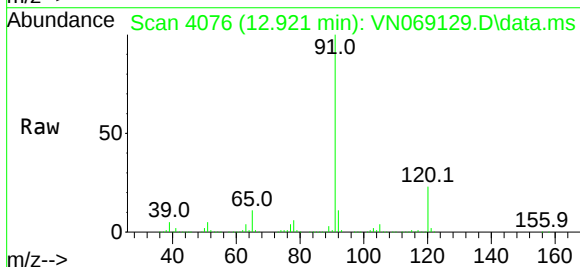


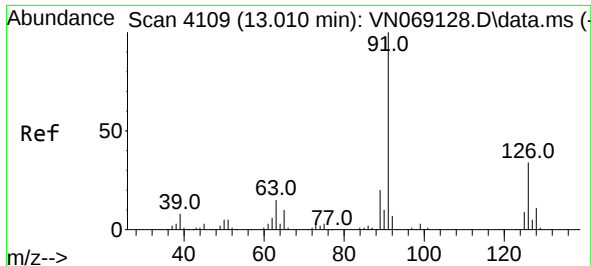
Tgt Ion:156 Resp: 289514
Ion Ratio Lower Upper
156 100
77 220.0 0.0 416.0
158 96.6 0.0 195.4



#74
n-propylbenzene
Concen: 50.422 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. -0.000 min
Lab File: VN069129.D
Acq: 22 Oct 2021 12:02

Tgt Ion: 91 Resp: 1464925
Ion Ratio Lower Upper
91 100
120 22.7 0.0 45.0

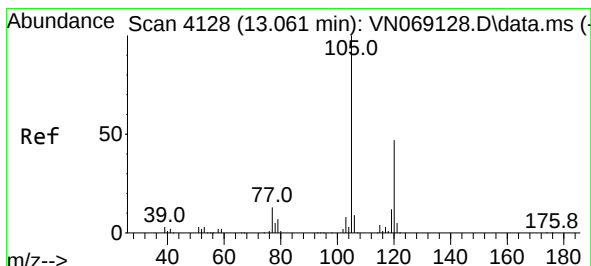
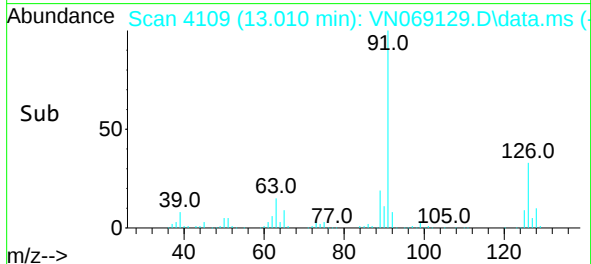
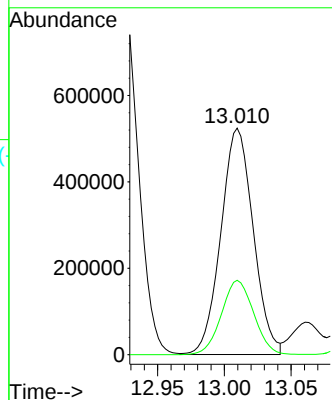
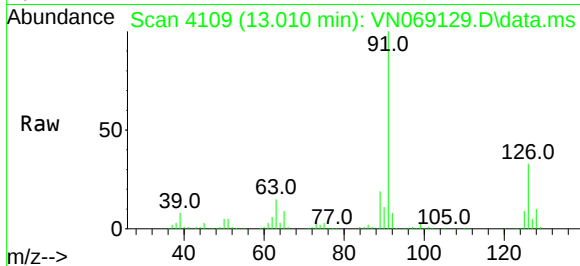




#75
2-Chlorotoluene
Concen: 51.600 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. 0.000 min
Lab File: VN069129.D
Acq: 22 Oct 2021 12:02

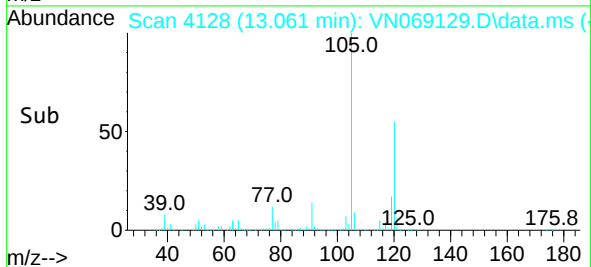
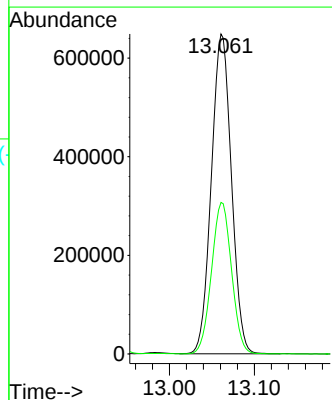
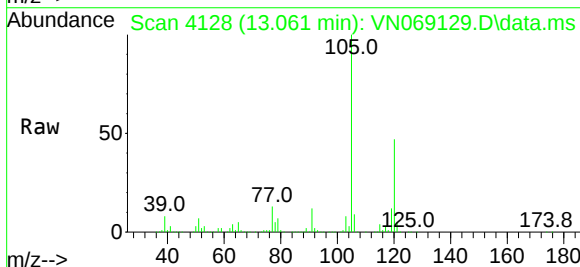
Instrument :
MSVOA_N
ClientSampleId :

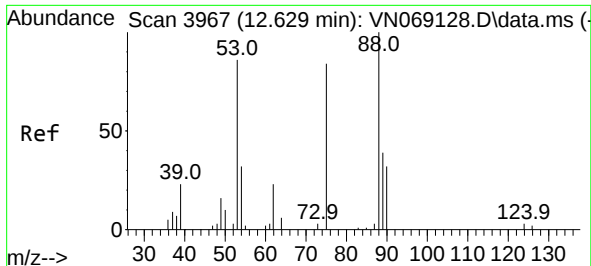
Tgt Ion: 91 Resp: 886062
Ion Ratio Lower Upper
91 100
126 32.8 0.0 69.8



#76
1,3,5-Trimethylbenzene
Concen: 50.675 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN069129.D
Acq: 22 Oct 2021 12:02

Tgt Ion: 105 Resp: 1062970
Ion Ratio Lower Upper
105 100
120 47.3 0.0 93.8

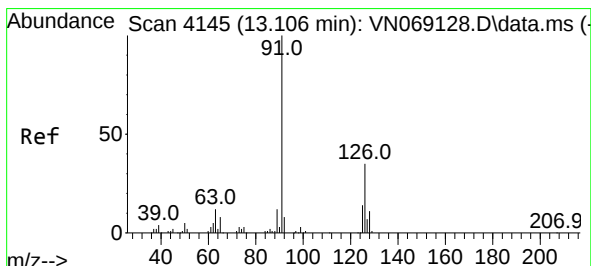
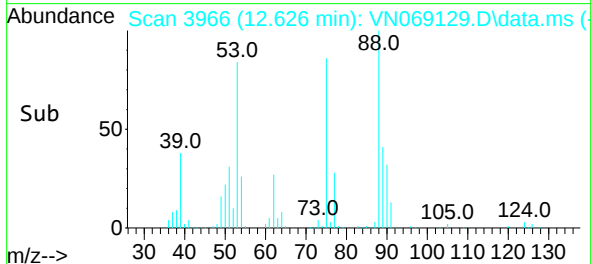
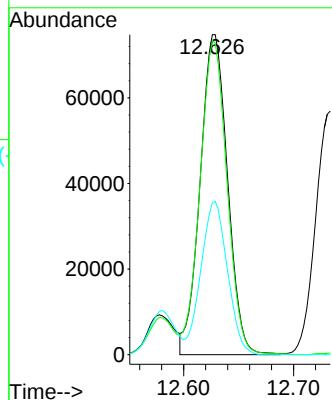
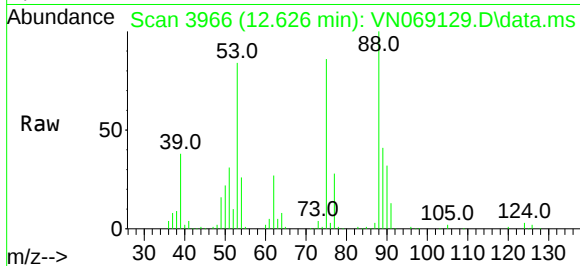




#77
t-1,4-Dichloro-2-butene
Concen: 56.239 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. -0.003 min
Lab File: VN069129.D
Acq: 22 Oct 2021 12:02

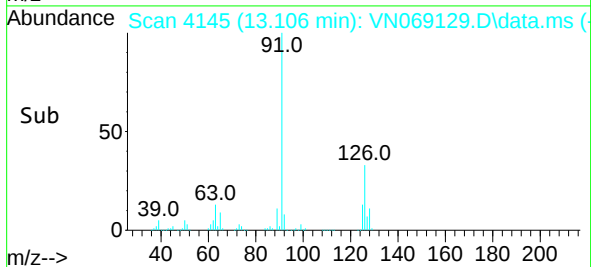
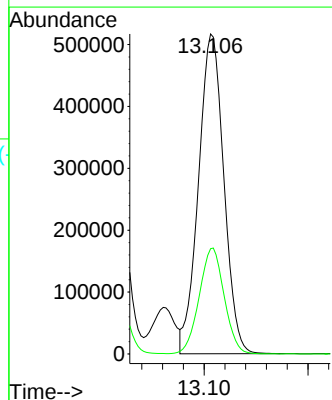
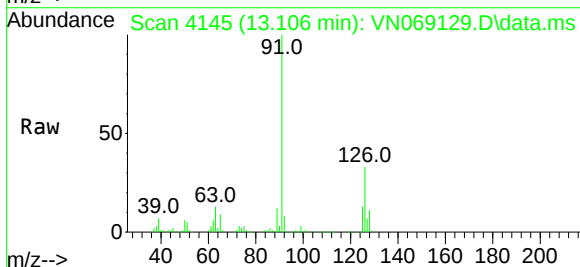
Instrument :
MSVOA_N
ClientSampleId :

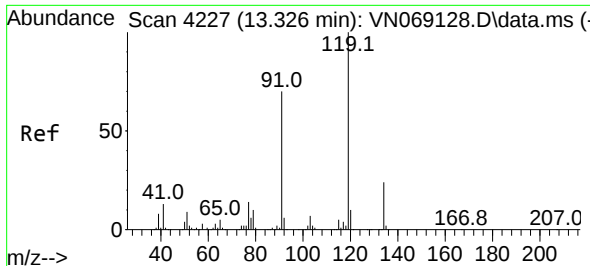
Tgt Ion: 75 Resp: 129294
Ion Ratio Lower Upper
75 100
53 98.2 51.8 155.5
89 47.6 22.9 68.7



#78
4-Chlorotoluene
Concen: 51.736 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN069129.D
Acq: 22 Oct 2021 12:02

Tgt Ion: 91 Resp: 873861
Ion Ratio Lower Upper
91 100
126 32.8 0.0 70.6

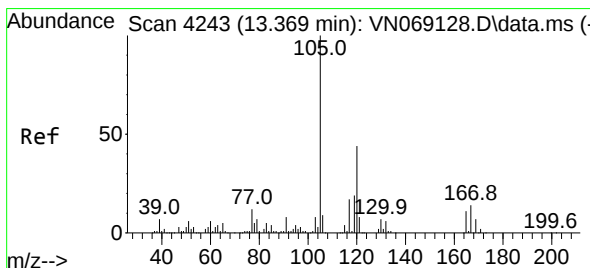
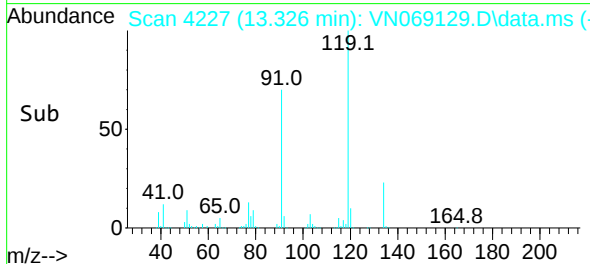
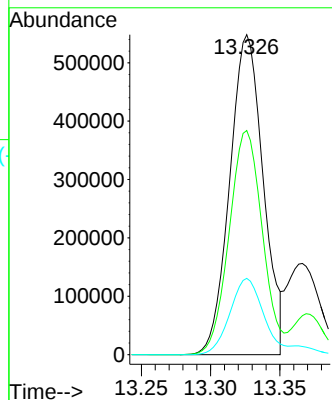
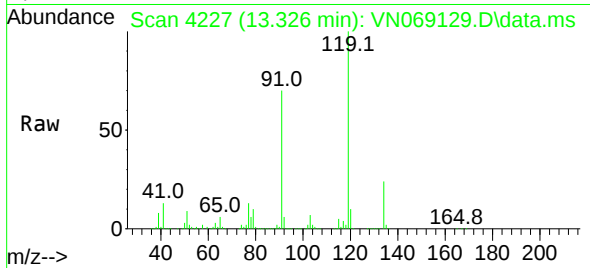




#79
tert-butylbenzene
Concen: 50.047 ug/l
RT: 13.326 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN069129.D
Acq: 22 Oct 2021 12:02

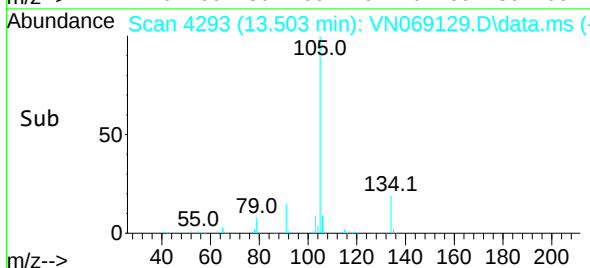
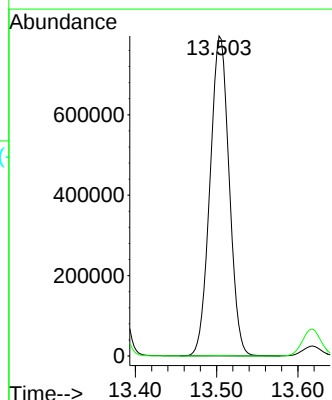
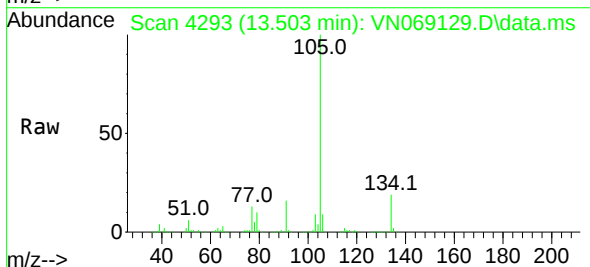
Instrument :
MSVOA_N
ClientSampleId :

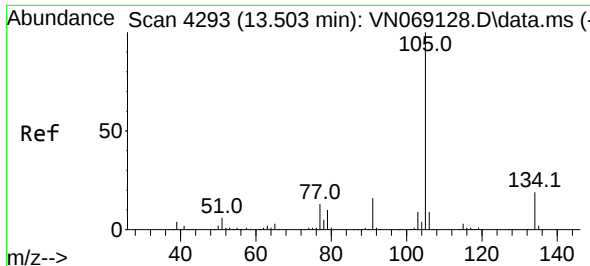
Tgt Ion:119 Resp: 923007
Ion Ratio Lower Upper
119 100
91 69.4 0.0 137.0
134 23.9 0.0 47.6



#80
1,2,4-Trimethylbenzene
Concen: 62.742 ug/l
RT: 13.503 min Scan# 4293
Delta R.T. 0.134 min
Lab File: VN069129.D
Acq: 22 Oct 2021 12:02

Tgt Ion:105 Resp: 1303765
Ion Ratio Lower Upper
105 100
120 0.1 0.0 0.2

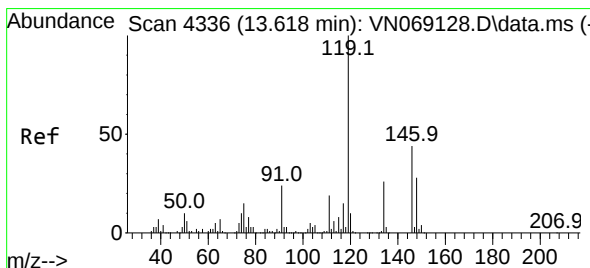
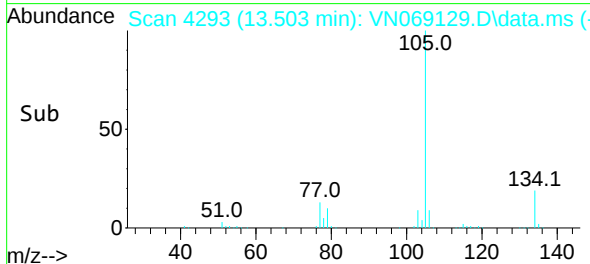
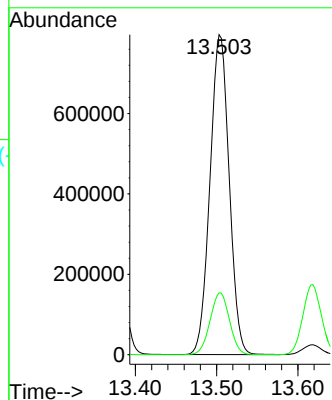
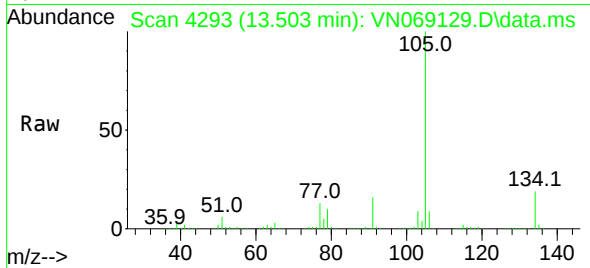




#81
 sec-Butylbenzene
 Concen: 49.660 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN069129.D
 Acq: 22 Oct 2021 12:02

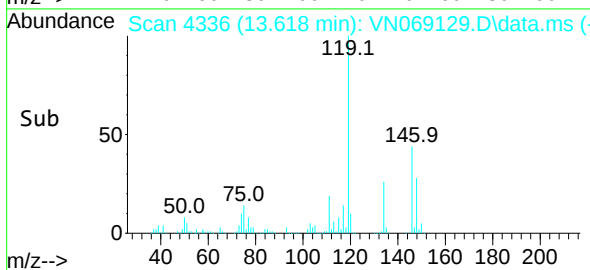
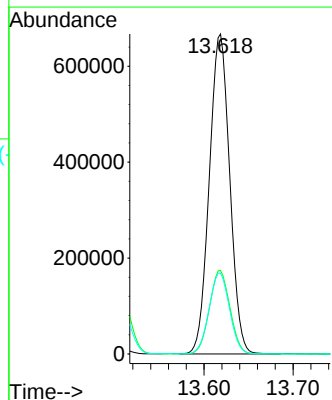
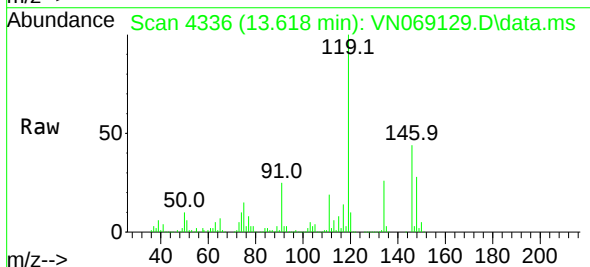
Instrument :
 MSVOA_N
 ClientSampleId :

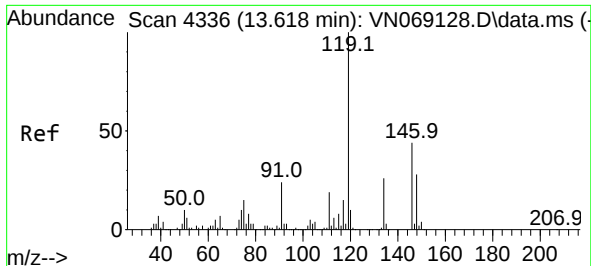
Tgt Ion:105 Resp: 1303765
 Ion Ratio Lower Upper
 105 100
 134 19.6 0.0 39.4



#82
 p-Isopropyltoluene
 Concen: 49.012 ug/l
 RT: 13.618 min Scan# 4336
 Delta R.T. -0.000 min
 Lab File: VN069129.D
 Acq: 22 Oct 2021 12:02

Tgt Ion:119 Resp: 1062458
 Ion Ratio Lower Upper
 119 100
 134 26.2 0.0 51.8
 91 25.3 0.0 50.4

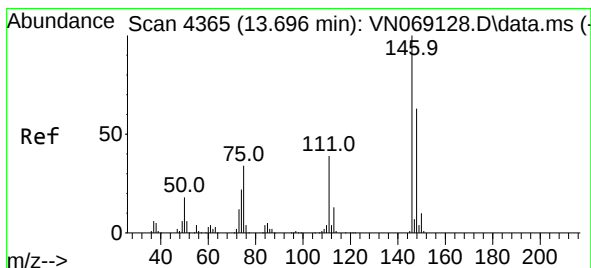
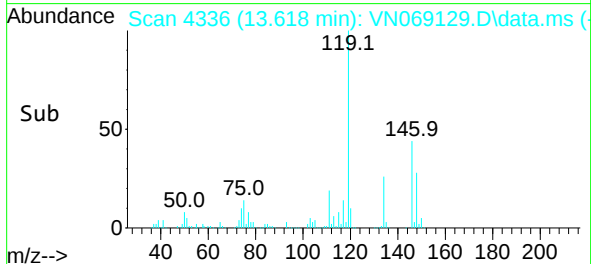
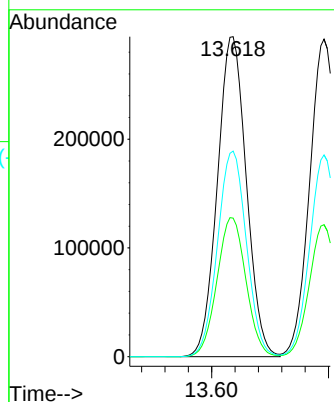
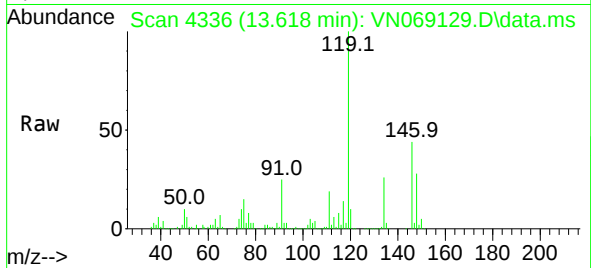




#83
1,3-Dichlorobenzene
Concen: 47.929 ug/l
RT: 13.618 min Scan# 4336
Delta R.T. -0.000 min
Lab File: VN069129.D
Acq: 22 Oct 2021 12:02

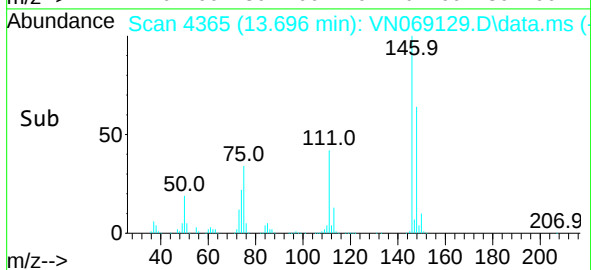
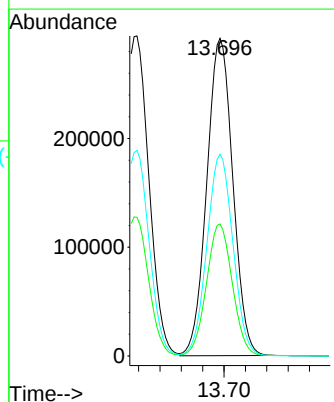
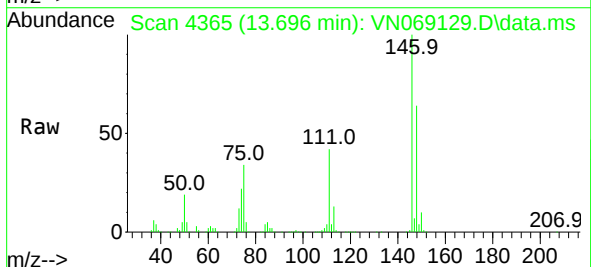
Instrument :
MSVOA_N
ClientSampleId :

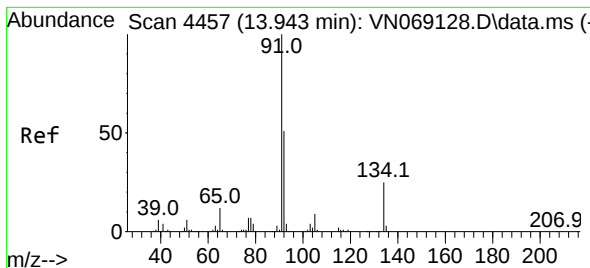
Tgt Ion:146 Resp: 506657
Ion Ratio Lower Upper
146 100
111 43.5 20.8 62.2
148 64.2 31.4 94.3



#84
1,4-Dichlorobenzene
Concen: 49.142 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN069129.D
Acq: 22 Oct 2021 12:02

Tgt Ion:146 Resp: 493914
Ion Ratio Lower Upper
146 100
111 41.4 19.5 58.5
148 63.6 31.1 93.5





#85

n-Butylbenzene

Concen: 49.929 ug/l

RT: 13.946 min Scan# 4457

Delta R.T. 0.003 min

Lab File: VN069129.D

Acq: 22 Oct 2021 12:02

Instrument :

MSVOA_N

ClientSampleId :

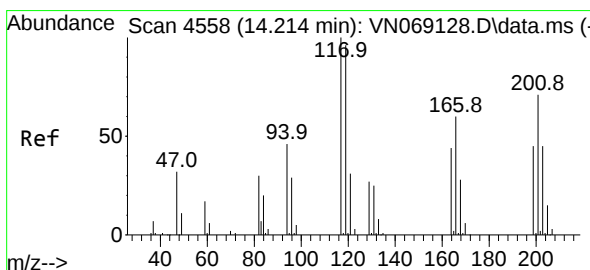
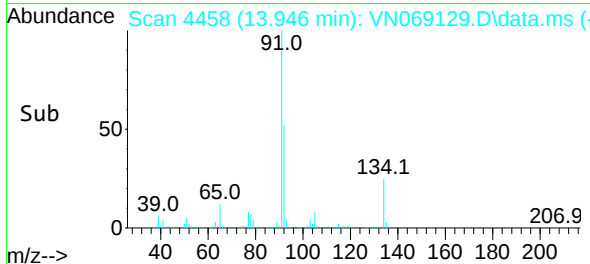
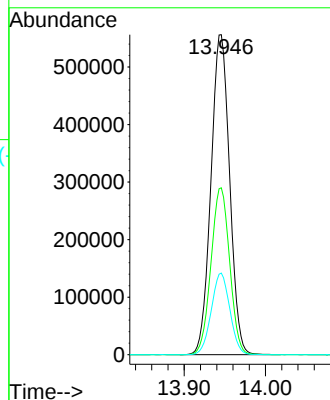
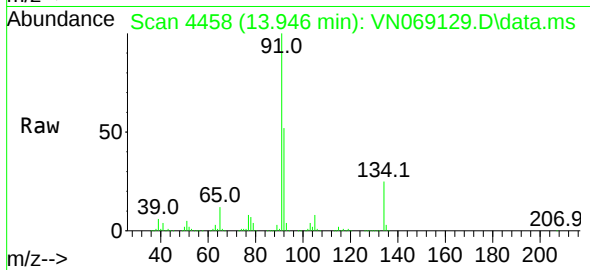
Tgt Ion: 91 Resp: 887342

Ion Ratio Lower Upper

91 100

92 52.2 0.0 100.6

134 25.3 0.0 50.2



#86

Hexachloroethane

Concen: 49.607 ug/l

RT: 14.211 min Scan# 4557

Delta R.T. -0.003 min

Lab File: VN069129.D

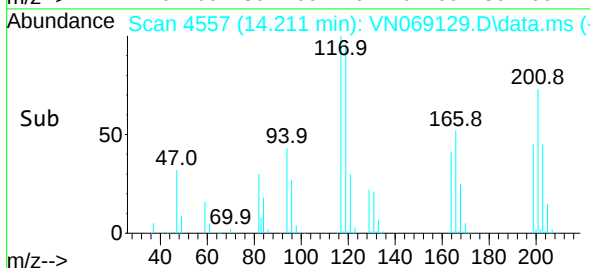
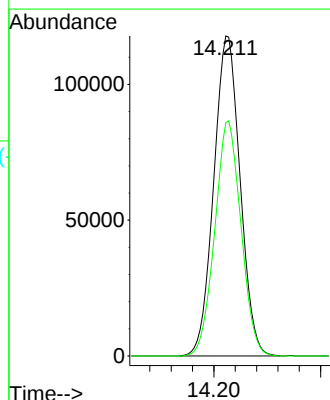
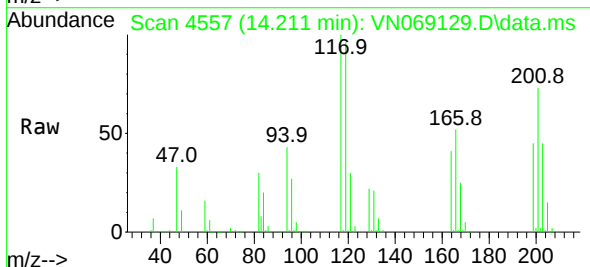
Acq: 22 Oct 2021 12:02

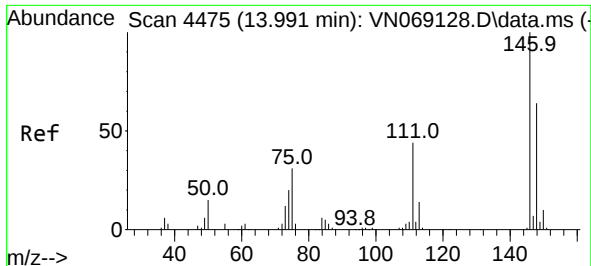
Tgt Ion: 117 Resp: 201768

Ion Ratio Lower Upper

117 100

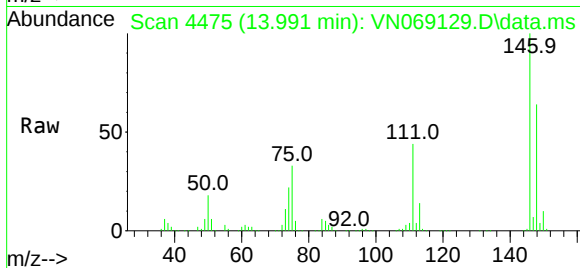
201 73.0 33.3 99.8



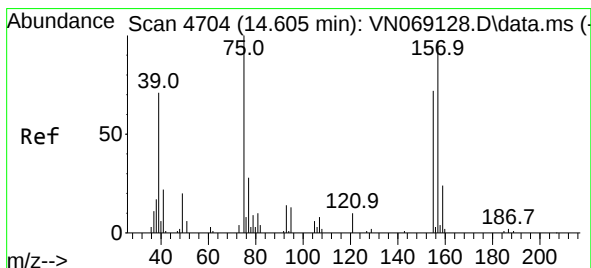
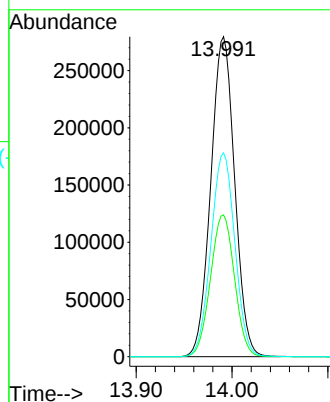
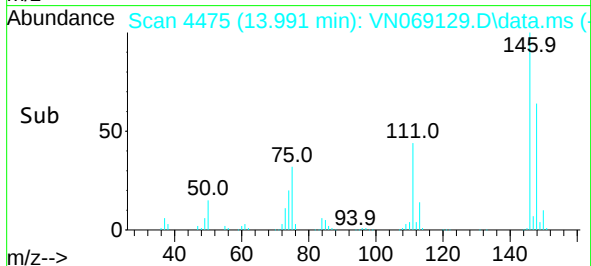


#87
1,2-Dichlorobenzene
Concen: 49.200 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. 0.000 min
Lab File: VN069129.D
Acq: 22 Oct 2021 12:02

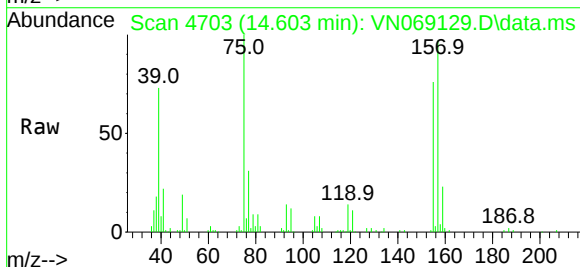
Instrument :
MSVOA_N
ClientSampleId :



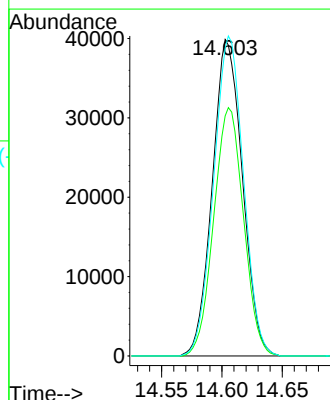
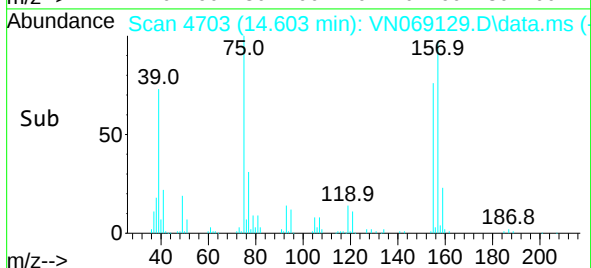
Tgt Ion:146 Resp: 483316
Ion Ratio Lower Upper
146 100
111 44.6 21.4 64.2
148 64.1 32.5 97.4

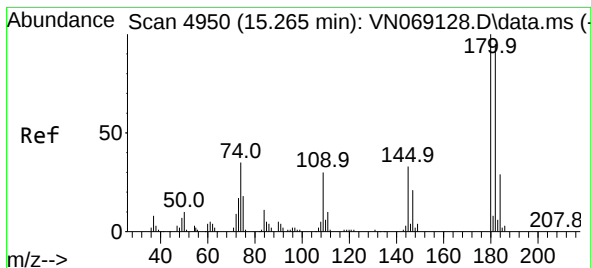


#88
1,2-Dibromo-3-Chloropropane
Concen: 54.040 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. -0.003 min
Lab File: VN069129.D
Acq: 22 Oct 2021 12:02



Tgt Ion: 75 Resp: 69238
Ion Ratio Lower Upper
75 100
155 77.6 63.8 95.8
157 100.2 77.9 116.9





#89

1,2,4-Trichlorobenzene

Concen: 50.274 ug/l

RT: 15.265 min Scan# 4950

Delta R.T. 0.000 min

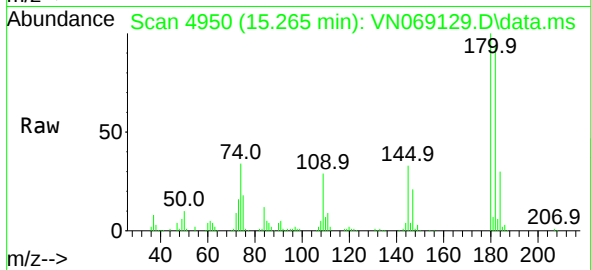
Lab File: VN069129.D

Acq: 22 Oct 2021 12:02

Instrument :

MSVOA_N

ClientSampleId :



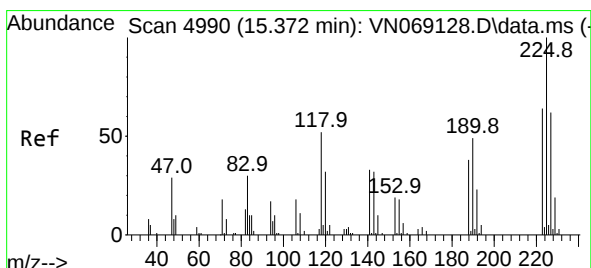
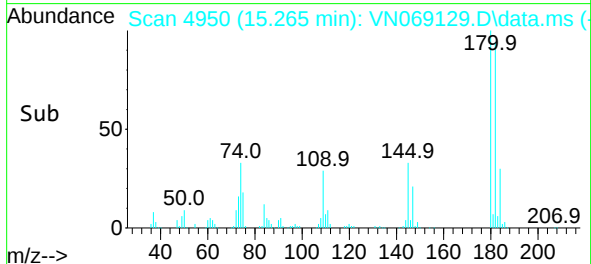
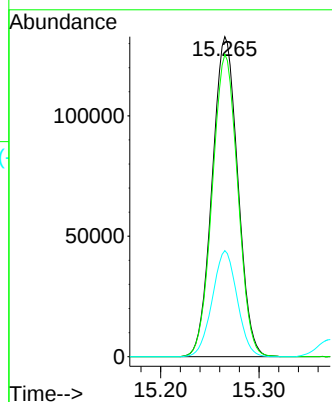
Tgt Ion:180 Resp: 240108

Ion Ratio Lower Upper

180 100

182 94.0 77.7 116.5

145 32.2 26.6 39.8



#90

Hexachlorobutadiene

Concen: 52.240 ug/l

RT: 15.372 min Scan# 4990

Delta R.T. 0.000 min

Lab File: VN069129.D

Acq: 22 Oct 2021 12:02

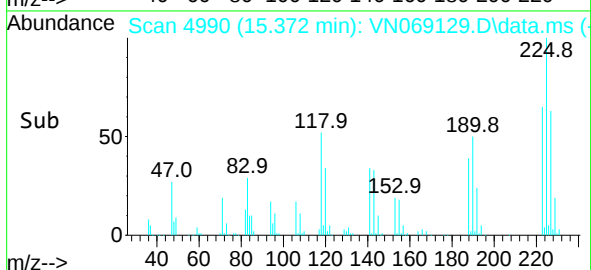
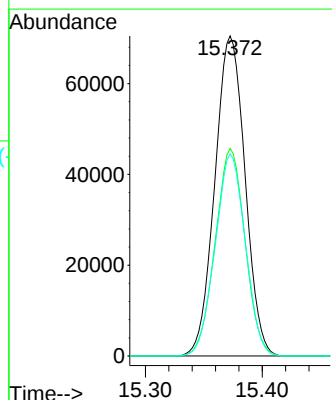
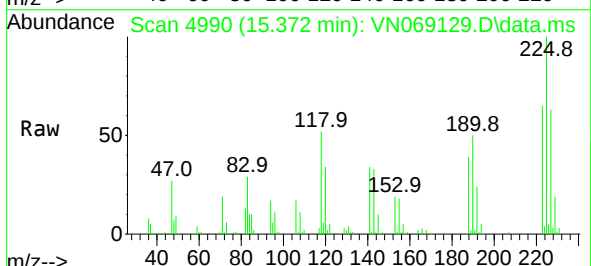
Tgt Ion:225 Resp: 126590

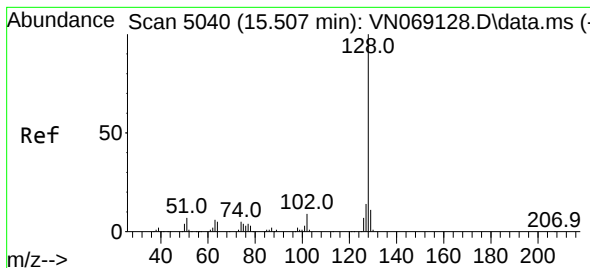
Ion Ratio Lower Upper

225 100

223 64.1 0.0 126.8

227 62.9 0.0 123.0





#91

Naphthalene

Concen: 51.861 ug/l

RT: 15.507 min Scan# 5040

Delta R.T. 0.000 min

Lab File: VN069129.D

Acq: 22 Oct 2021 12:02

Instrument :

MSVOA_N

ClientSampleId :

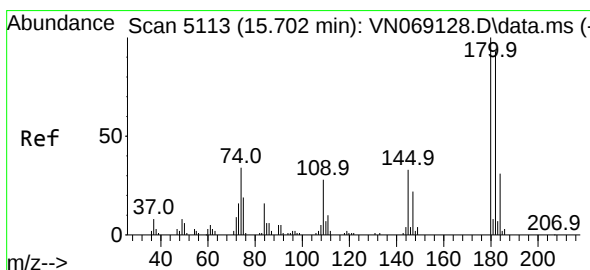
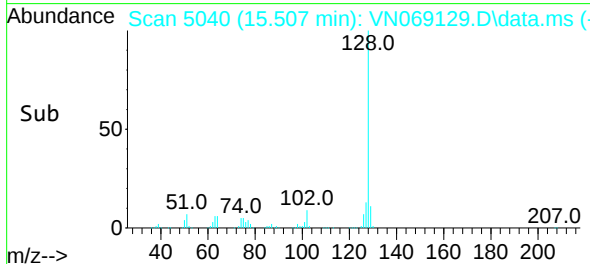
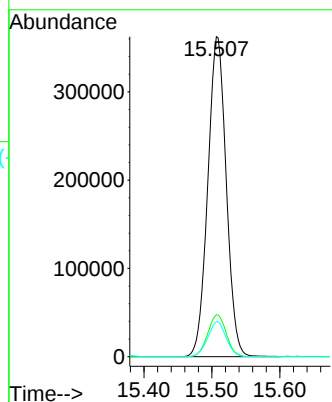
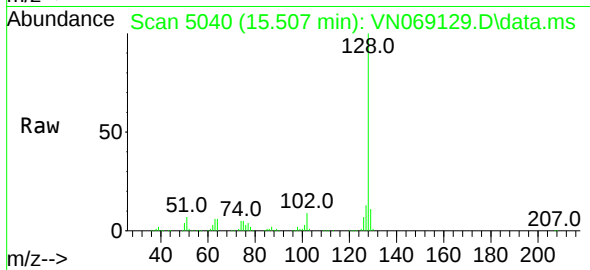
Tgt Ion:128 Resp: 684248

Ion Ratio Lower Upper

128 100

127 13.2 10.7 16.1

129 10.9 9.0 13.6



#92

1,2,3-Trichlorobenzene

Concen: 49.972 ug/l

RT: 15.702 min Scan# 5113

Delta R.T. 0.000 min

Lab File: VN069129.D

Acq: 22 Oct 2021 12:02

Tgt Ion:180 Resp: 226669

Ion Ratio Lower Upper

180 100

182 95.8 0.0 190.0

145 35.0 0.0 67.8

