

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102521\
 Data File : VN069148.D
 Acq On : 25 Oct 2021 12:47
 Operator : JC/MD
 Sample : M4068-09
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT4-2021

Manual Integrations
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Quant Time: Oct 26 03:34:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N102221W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 22 13:15:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.659	128	54437	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	327392	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.747	117	289943	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	131534	31.022	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 103.400%	
60) 4-Bromofluorobenzene	12.733	95	133301	26.813	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 89.367%	
63) Toluene-d8	10.443	98	400332	30.560	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 101.867%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	6770	1.881	ug/l	97
3) Chloromethane	2.303	50	8360	2.234	ug/l	92
4) Vinyl Chloride	2.445	62	9477	2.125	ug/l	100
5) Bromomethane	2.861	94	7683	2.626	ug/l	95
6) Chloroethane	3.017	64	6377	2.205	ug/l	98
7) Trichlorofluoromethane	3.376	101	12621	2.185	ug/l	93
8) Diethyl Ether	3.829	74	4661	2.279	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.216	101	7323	2.334	ug/l	94
10) 1,1-Dichloroethene	4.191	96	7013	2.291	ug/l	92
11) Methyl Iodide	4.433	142	7155	1.662	ug/l	96
12) Methyl Acetate	4.862	43	14068m	2.413	ug/l	
13) Acrolein	4.052	56	4960m	14.119	ug/l	
14) Acrylonitrile	5.565	53	17243	10.422	ug/l	97
15) Acetone	4.293	58	5430	10.499	ug/l	76
16) Carbon Disulfide	4.535	76	17953	2.182	ug/l	96
17) Allyl chloride	4.846	41	11442	2.170	ug/l	99
18) Methylene Chloride	5.098	84	10839	2.979	ug/l	92
19) trans-1,2-Dichloroethene	5.605	96	7420m	2.232	ug/l	
20) Diisopropyl ether	6.498	45	24090	2.139	ug/l	91
21) 1,1-Dichloroethane	6.391	63	14133	2.248	ug/l	97
22) cis-1,2-Dichloroethene	7.324	96	8372	2.101	ug/l	93
23) tert-Butyl Alcohol	5.369	59	7440	10.960	ug/l #	100
24) Methyl tert-Butyl Ether	5.618	73	24860	2.141	ug/l #	65
25) Chloroform	7.820	83	14747	2.195	ug/l	96
26) Cyclohexane	8.099	56	13010	2.247	ug/l #	95
29) 1,1-Dichloropropene	8.225	75	10694	2.076	ug/l	98
30) 2-Butanone	7.337	43	24943m	10.082	ug/l	
31) 2,2-Dichloropropane	7.327	77	12630	2.046	ug/l #	81
32) 1,1,1-Trichloroethane	8.019	97	13268	2.070	ug/l	99
33) Carbon Tetrachloride	8.209	117	10993	2.019	ug/l	98
34) Benzene	8.461	78	32725	2.127	ug/l #	59
35) Methacrylonitrile	7.640	41	5060	2.052	ug/l	96
36) 1,2-Dichloroethane	8.534	62	12171	2.192	ug/l #	81
37) Trichloroethene	9.217	130	7998	2.044	ug/l	97
38) Methylcyclohexane	9.459	83	13837	2.110	ug/l	97
39) 1,2-Dichloropropane	9.491	63	8197	2.089	ug/l	93
40) Dibromomethane	9.579	93	5592	2.039	ug/l	98
41) Bromodichloromethane	9.765	83	10673	1.947	ug/l	96
42) Vinyl Acetate	6.436	43	86991m	9.854	ug/l	

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Quant Time: Oct 26 03:34:54 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.410	43	10657m	2.208	ug/l	
44) Isopropyl Acetate	8.563	43	17023	1.905	ug/l	98
45) 1,4-Dioxane	9.577	88	3057m	42.746	ug/l	
46) Methyl methacrylate	9.561	41	8687m	2.151	ug/l	
47) n-amyl Acetate	12.393	43	11943	1.574	ug/l	100
48) t-1,3-Dichloropropene	10.719	75	11684	1.843	ug/l	96
49) cis-1,3-Dichloropropene	10.191	75	12337	1.869	ug/l	97
50) 1,1,2-Trichloroethane	10.899	97	7959	2.022	ug/l	94
51) Ethyl methacrylate	10.762	69	12164	1.875	ug/l	95
52) 1,3-Dichloropropane	11.047	76	13920	2.102	ug/l	96
53) Dibromochloromethane	11.240	129	7474	1.779	ug/l	99
54) 1,2-Dibromoethane	11.347	107	7902	1.920	ug/l	96
55) 2-Chloroethyl vinyl ether	10.043	63	19557	9.493	ug/l	97
56) Bromoform	12.460	173	4583	1.513	ug/l #	96
58) 4-Methyl-2-Pentanone	10.333	43	51095	10.446	ug/l	99
59) 2-Hexanone	11.087	43	37259	10.087	ug/l	99
61) Tetrachloroethene	10.977	164	7271	2.307	ug/l	96
62) Toluene	10.507	91	36621	2.168	ug/l	97
64) Chlorobenzene	11.771	112	21633	2.112	ug/l	95
65) 1,1,1,2-Tetrachloroethane	11.843	131	7665	2.011	ug/l	100
66) Ethyl Benzene	11.848	91	38913	2.049	ug/l	98
67) m/p-Xylenes	11.956	106	28998	4.061	ug/l	98
68) o-Xylene	12.283	106	15110	2.113	ug/l	95
69) Styrene	12.296	104	22170	1.871	ug/l	98
70) Isopropylbenzene	12.581	105	37146	1.982	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.830	83	11264	2.050	ug/l #	94
72) 1,2,3-Trichloropropane	12.881	75	9746m	2.065	ug/l	
73) Bromobenzene	12.865	156	8293	1.952	ug/l	94
74) n-propylbenzene	12.924	91	40997	1.905	ug/l	96
75) 2-Chlorotoluene	13.012	91	26259	1.992	ug/l	98
76) 1,3,5-Trimethylbenzene	13.063	105	30765	1.969	ug/l	99
77) t-1,4-Dichloro-2-butene	12.626	75	2711	1.468	ug/l	97
78) 4-Chlorotoluene	13.109	91	23973	1.856	ug/l	95
79) tert-butylbenzene	13.324	119	27199	1.983	ug/l	99
80) 1,2,4-Trimethylbenzene	13.372	105	29305	1.911	ug/l #	81
81) sec-Butylbenzene	13.503	105	35363	1.842	ug/l	100
82) p-Isopropyltoluene	13.619	119	27666	1.766	ug/l	100
83) 1,3-Dichlorobenzene	13.619	146	13109	1.753	ug/l	99
84) 1,4-Dichlorobenzene	13.699	146	13115	1.801	ug/l	97
85) n-Butylbenzene	13.946	91	21289	1.625	ug/l	96
86) Hexachloroethane	14.211	117	4993	1.703	ug/l	90
87) 1,2-Dichlorobenzene	13.991	146	13460	1.883	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.608	75	1739	1.699	ug/l #	82
89) 1,2,4-Trichlorobenzene	15.268	180	4929	1.368	ug/l	97
90) Hexachlorobutadiene	15.373	225	3637	1.931	ug/l	100
91) Naphthalene	15.509	128	12776	1.226	ug/l #	91
92) 1,2,3-Trichlorobenzene	15.705	180	5147	1.495	ug/l	95

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

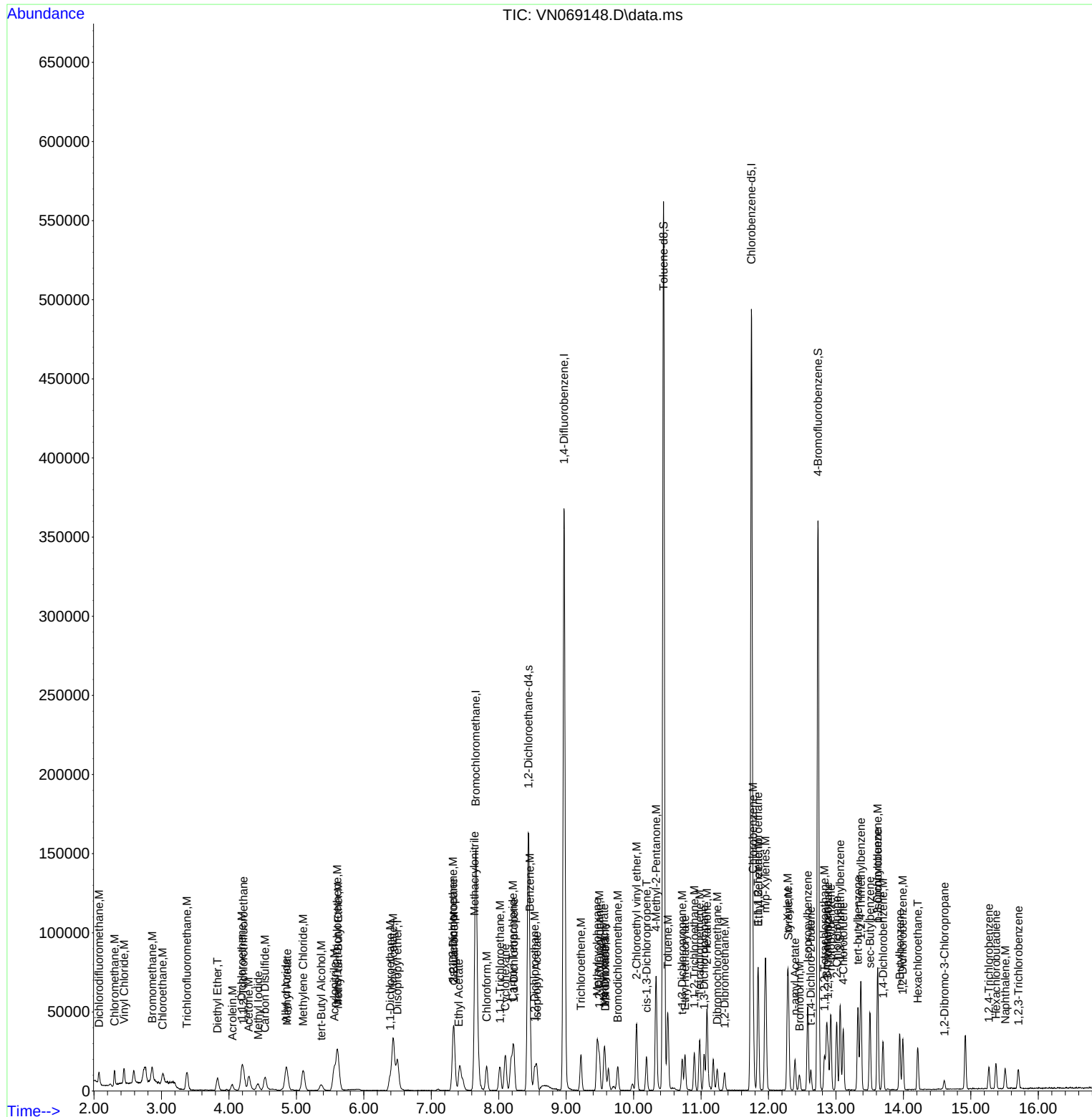
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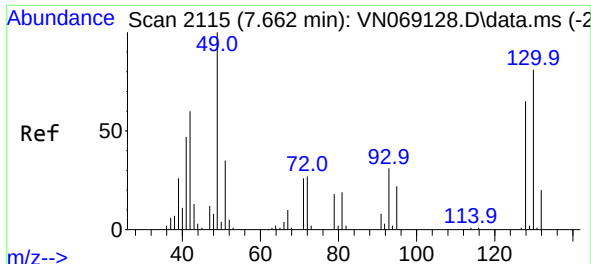
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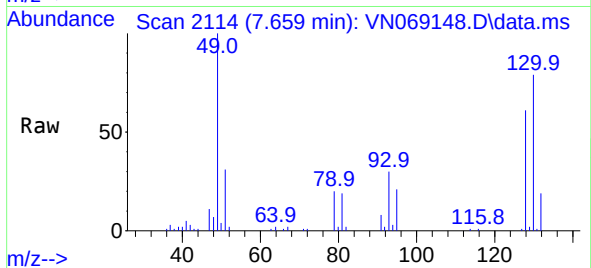
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. -0.003 min
Lab File: VN069148.D
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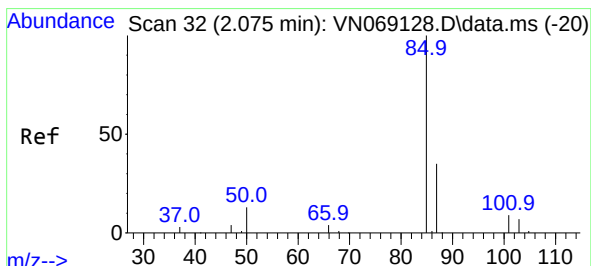
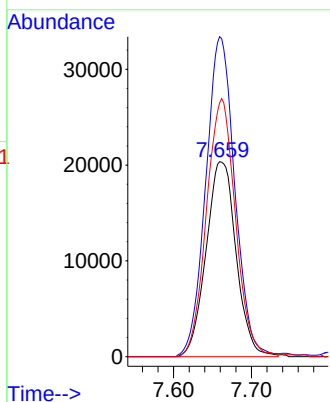
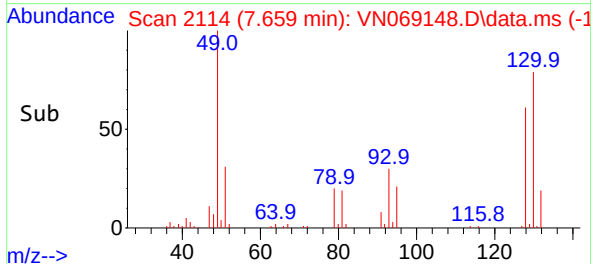
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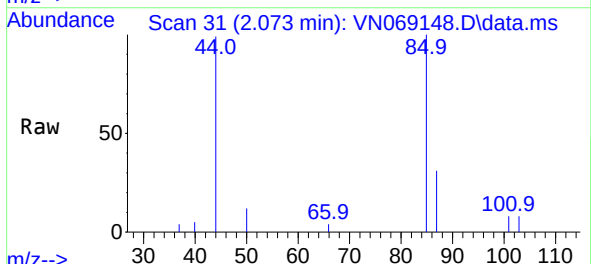
Tgt Ion:128 Resp: 54437
Ion Ratio Lower Upper
128 100
49 158.7 0.0 392.3
130 127.7 0.0 320.2

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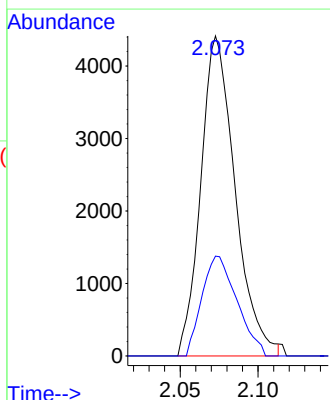
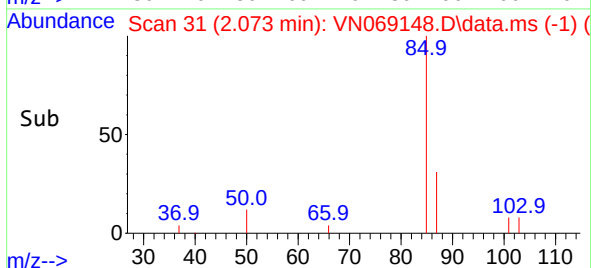
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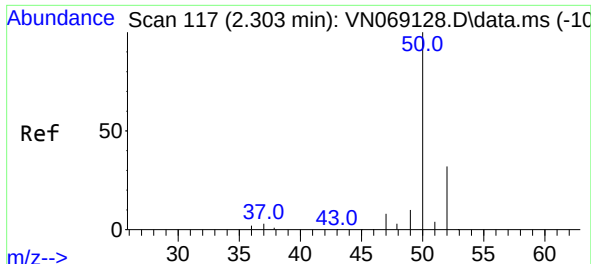


#2
Dichlorodifluoromethane
Concen: 1.881 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47



Tgt Ion: 85 Resp: 6770
Ion Ratio Lower Upper
85 100
87 31.2 16.6 49.7





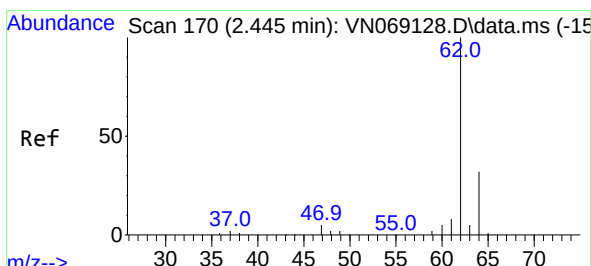
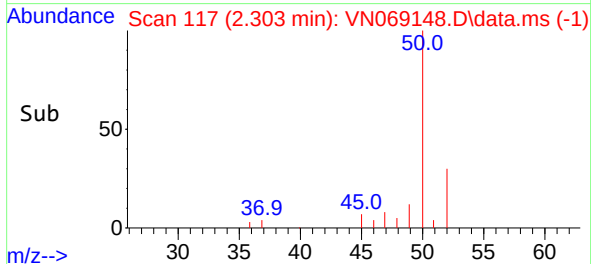
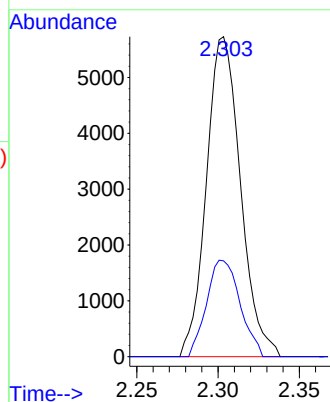
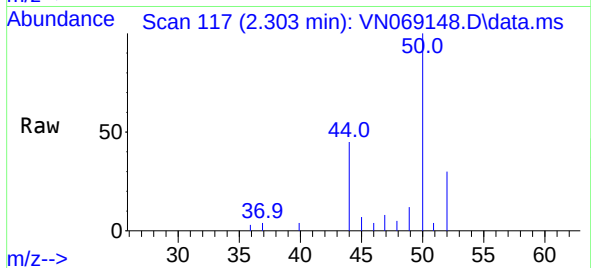
#3
Chloromethane
Concen: 2.234 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47

Tgt Ion: 50 Resp: 8360
Ion Ratio Lower Upper
50 100
52 29.9 27.8 41.6

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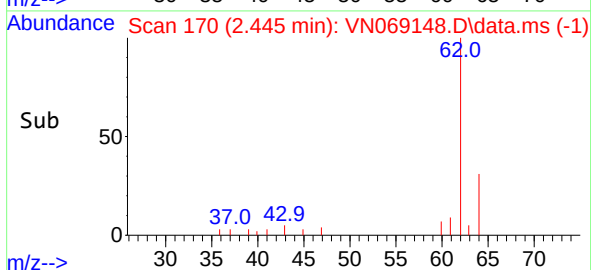
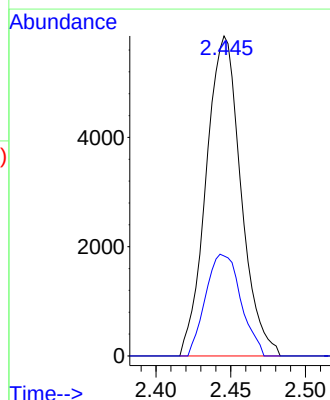
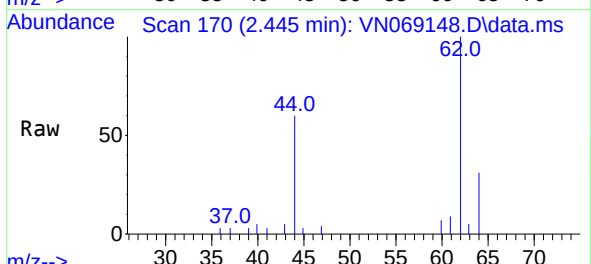
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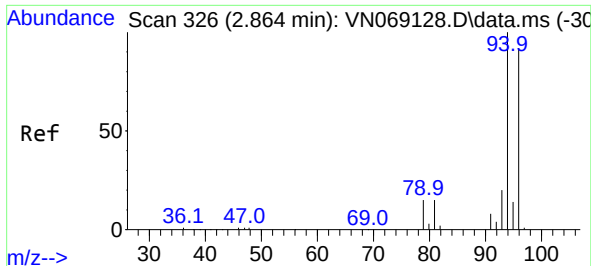
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#4
Vinyl Chloride
Concen: 2.125 ug/l
RT: 2.445 min Scan# 170
Delta R.T. 0.000 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47

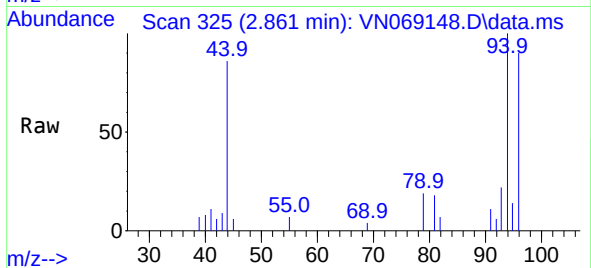
Tgt Ion: 62 Resp: 9477
Ion Ratio Lower Upper
62 100
64 31.2 25.1 37.7





#5
Bromomethane
Concen: 2.626 ug/l
RT: 2.861 min Scan# 325
Delta R.T. -0.003 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47

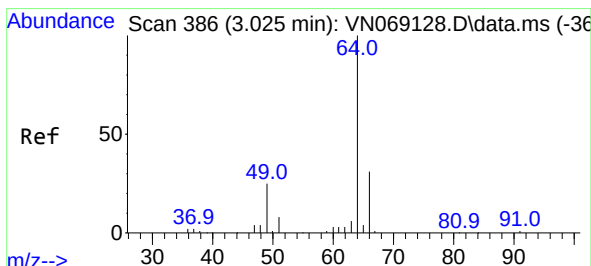
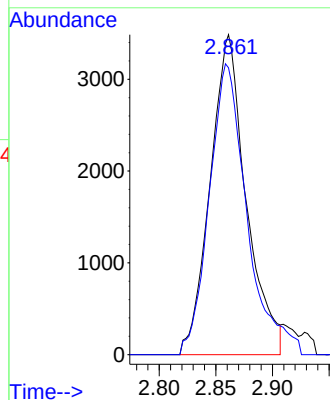
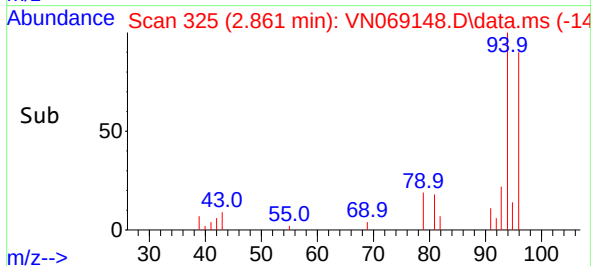
Instrument :
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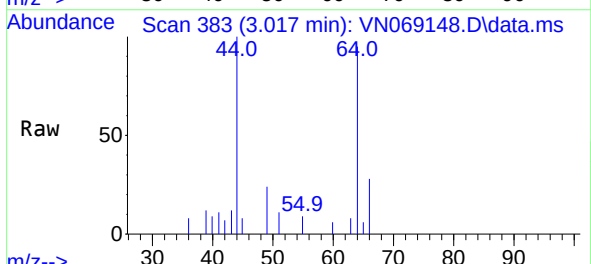
Tgt Ion: 94 Resp: 7683
Ion Ratio Lower Upper
94 100
96 89.6 75.2 112.8

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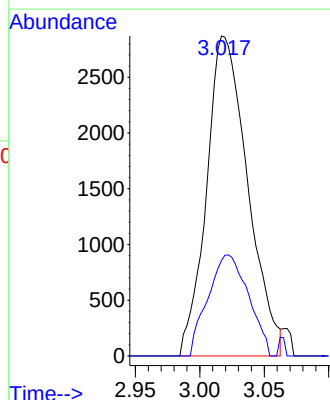
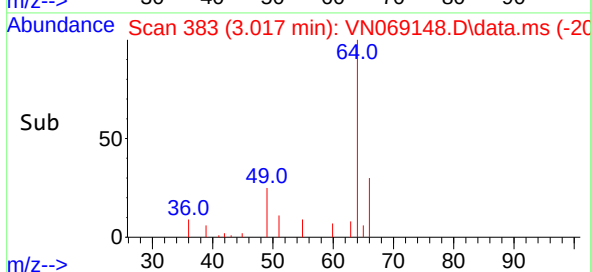
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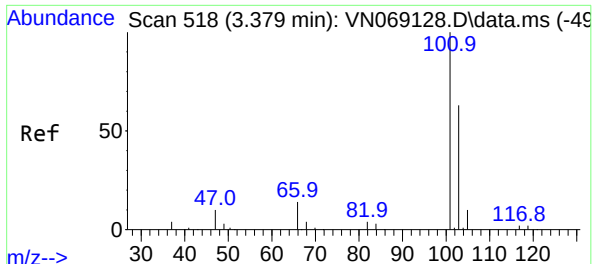


#6
Chloroethane
Concen: 2.205 ug/l
RT: 3.017 min Scan# 383
Delta R.T. -0.008 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47



Tgt Ion: 64 Resp: 6377
Ion Ratio Lower Upper
64 100
66 29.8 24.6 36.8





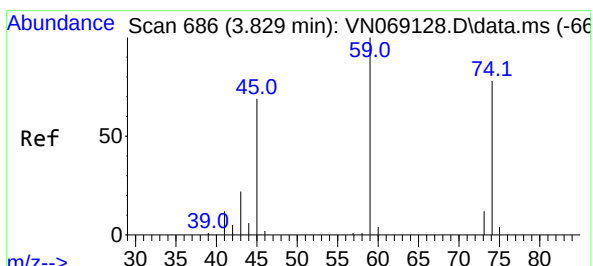
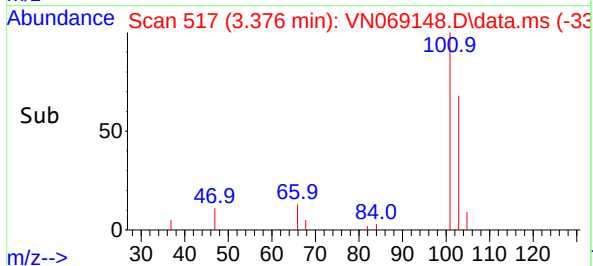
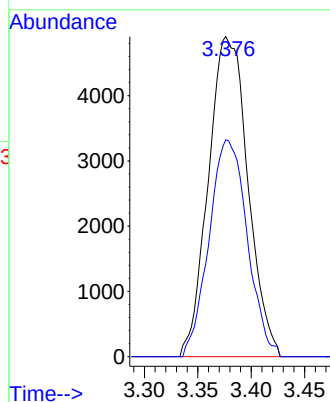
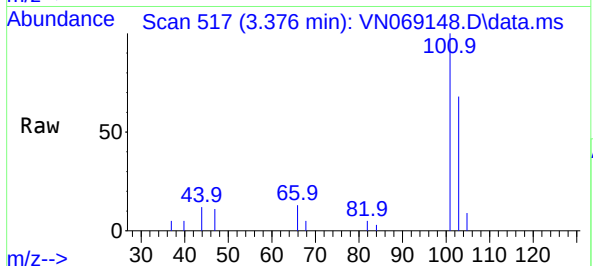
#7
 Trichlorofluoromethane
 Concen: 2.185 ug/l
 RT: 3.376 min Scan# 517
 Delta R.T. -0.003 min
 Lab File: VN069148.D
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Tgt Ion: 101 Resp: 12621
 Ion Ratio Lower Upper
 101 100
 103 67.8 50.1 75.1

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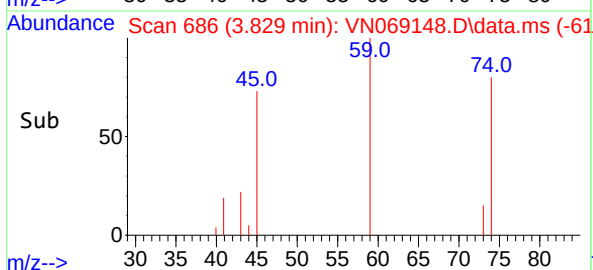
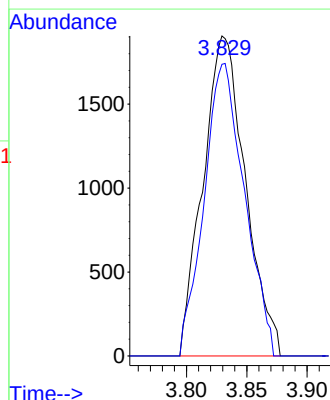
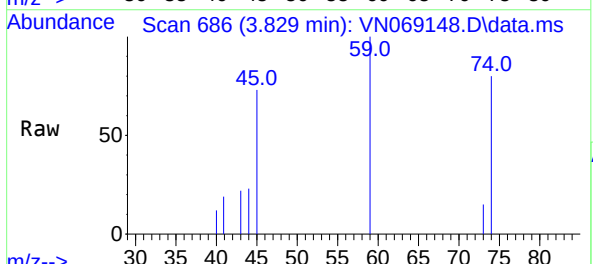
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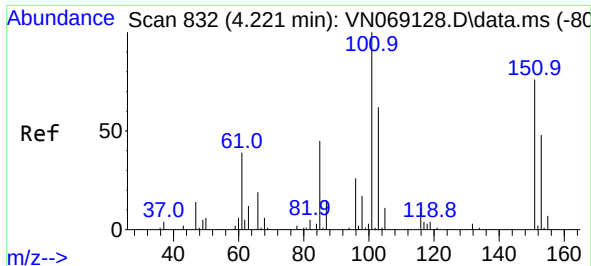
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#8
 Diethyl Ether
 Concen: 2.279 ug/l
 RT: 3.829 min Scan# 686
 Delta R.T. 0.000 min
 Lab File: VN069148.D
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Tgt Ion: 74 Resp: 4661
 Ion Ratio Lower Upper
 74 100
 45 87.0 17.6 158.8





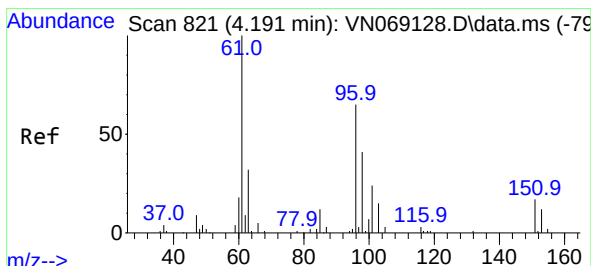
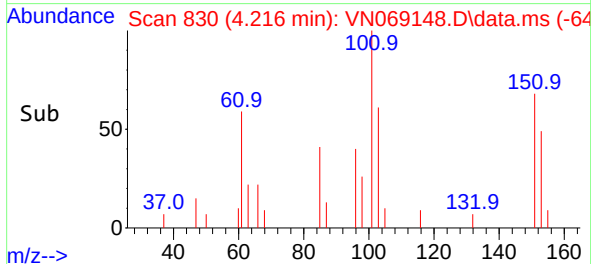
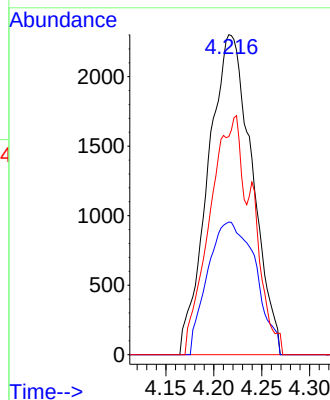
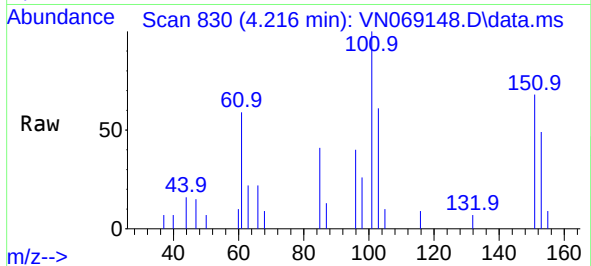
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.334 ug/l
RT: 4.216 min Scan# 830
Delta R.T. -0.005 min
Lab File: VN069148.D
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Tgt Ion: 101 Resp: 7323
Ion Ratio Lower Upper
101 100
85 45.4 0.0 94.0
151 31.3 0.0 74.6

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ClientSampleId :
MDL-WATER-03-QT4-2021

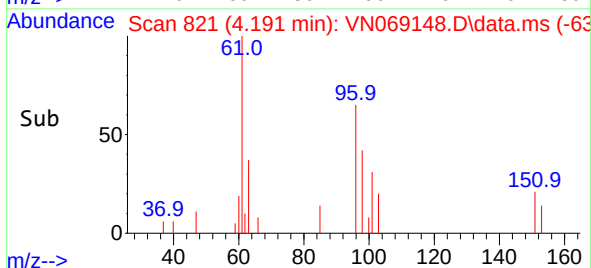
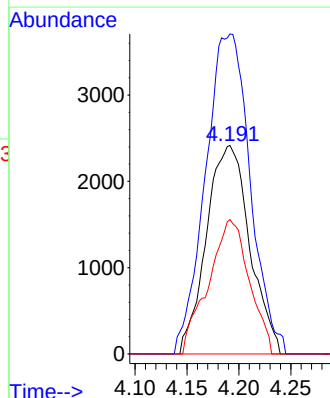
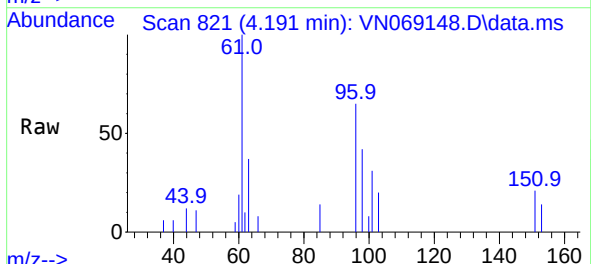
Manual Integrations
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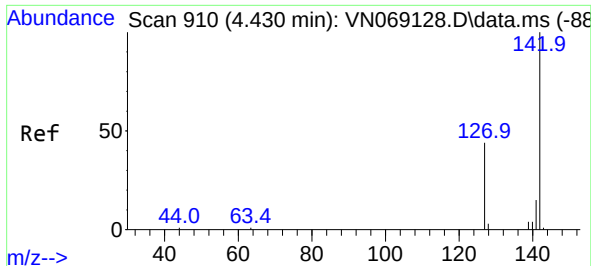
MMDadoda
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#10
1,1-Dichloroethene
Concen: 2.291 ug/l
RT: 4.191 min Scan# 821
Delta R.T. 0.000 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47

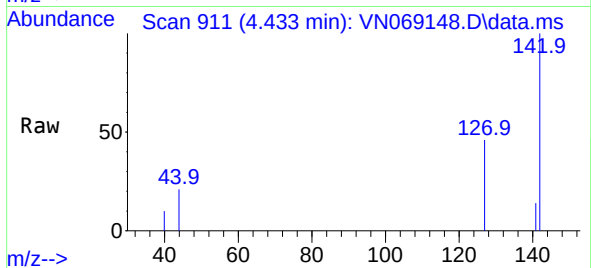
Tgt Ion: 96 Resp: 7013
Ion Ratio Lower Upper
96 100
61 144.0 126.2 189.4
98 64.5 50.9 76.3





#11
Methyl Iodide
Concen: 1.662 ug/l
RT: 4.433 min Scan# 911
Delta R.T. 0.003 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47

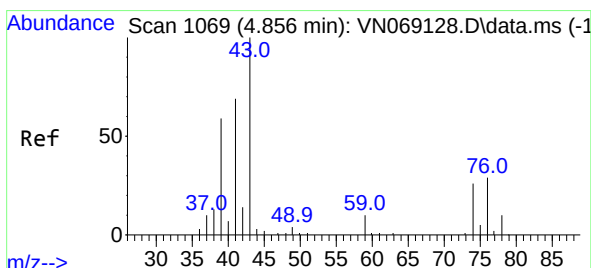
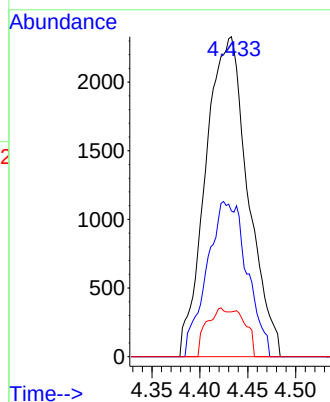
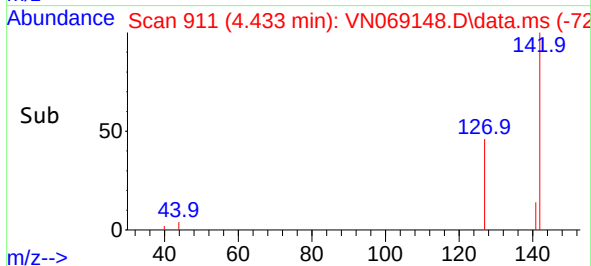
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2021



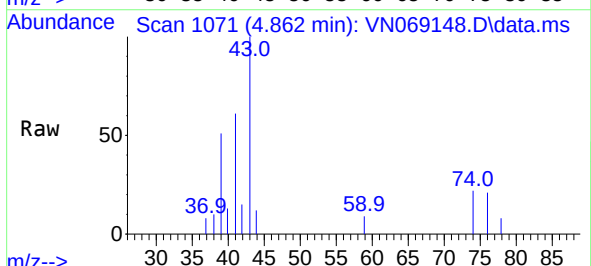
Tgt Ion:142 Resp: 7155
Ion Ratio Lower Upper
142 100
127 45.6 24.0 72.0
141 14.0 8.4 25.2

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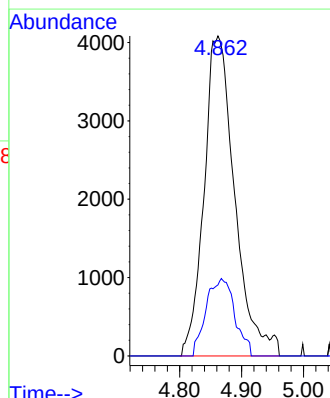
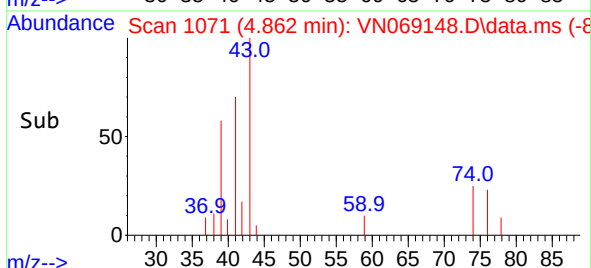
MMDadoda
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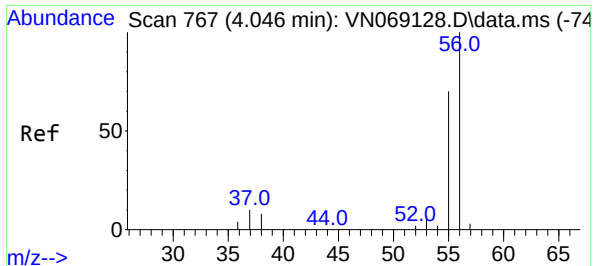


#12
Methyl Acetate
Concen: 2.413 ug/l m
RT: 4.862 min Scan# 1071
Delta R.T. 0.005 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47



Tgt Ion: 43 Resp: 14068
Ion Ratio Lower Upper
43 100
74 22.2 20.8 31.2





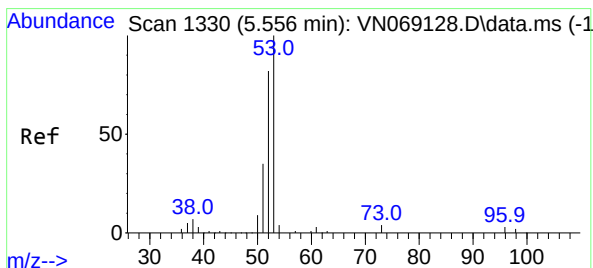
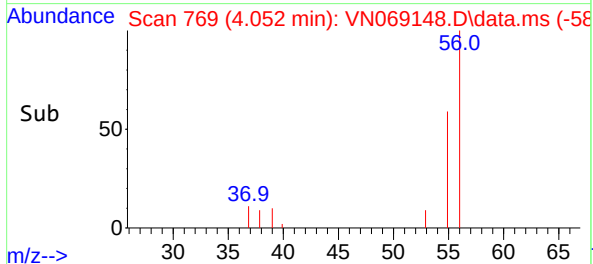
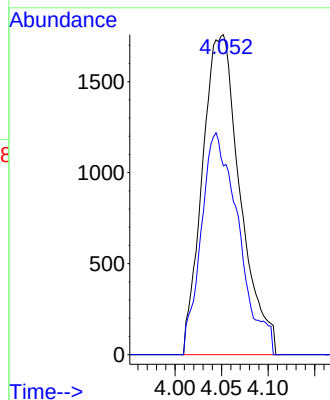
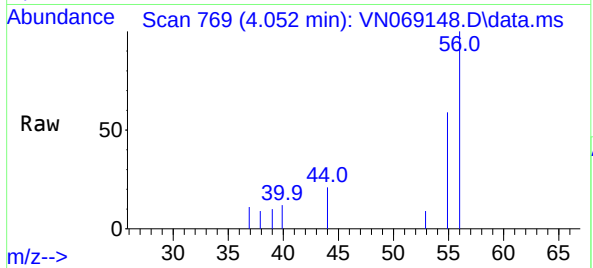
#13
Acrolein
Concen: 14.119 ug/l m
RT: 4.052 min Scan# 769
Delta R.T. 0.006 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47

Tgt Ion: 56 Resp: 4960
Ion Ratio Lower Upper
56 100
55 68.2 57.6 86.4

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2021

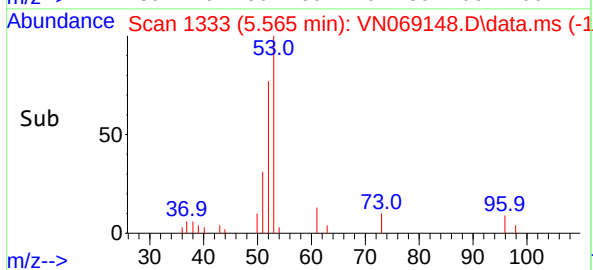
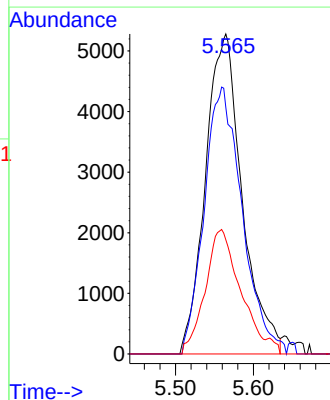
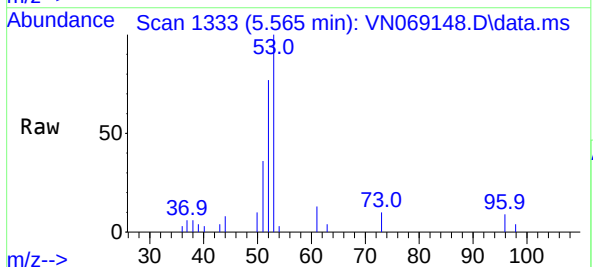
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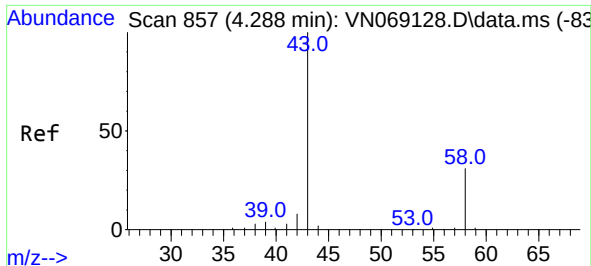
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#14
Acrylonitrile
Concen: 10.422 ug/l
RT: 5.565 min Scan# 1333
Delta R.T. 0.008 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47

Tgt Ion: 53 Resp: 17243
Ion Ratio Lower Upper
53 100
52 86.7 41.8 125.4
51 37.0 19.0 57.0





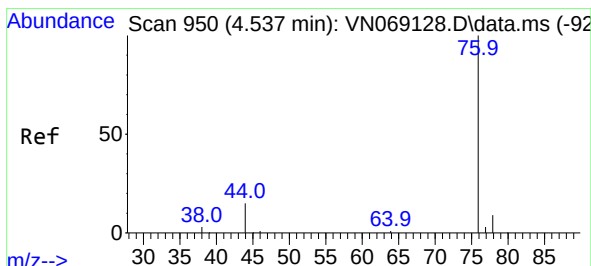
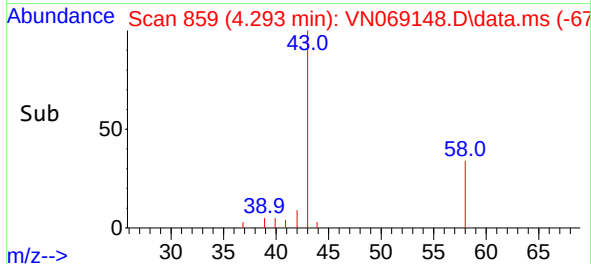
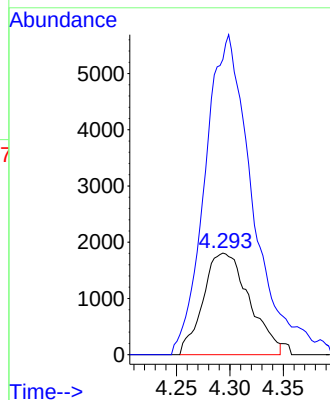
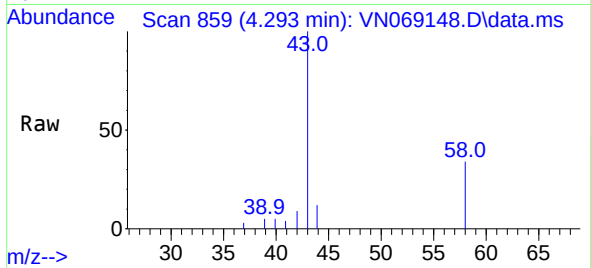
#15
Acetone
Concen: 10.499 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.005 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47

Tgt Ion: 58 Resp: 5430
Ion Ratio Lower Upper
58 100
43 270.8 256.6 384.8

Instrument :
MSVOA_N
ClientSampleId :
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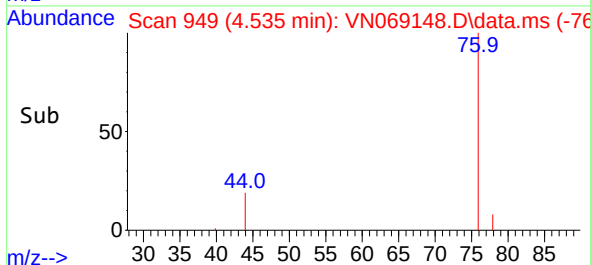
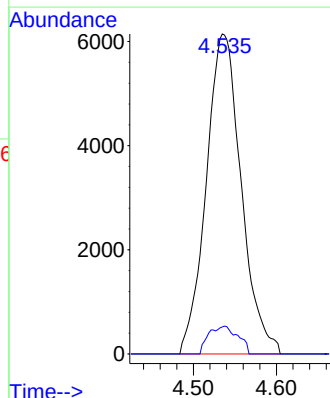
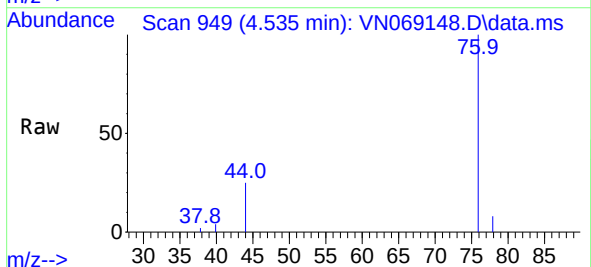
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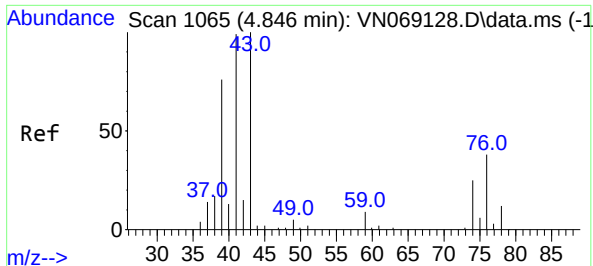
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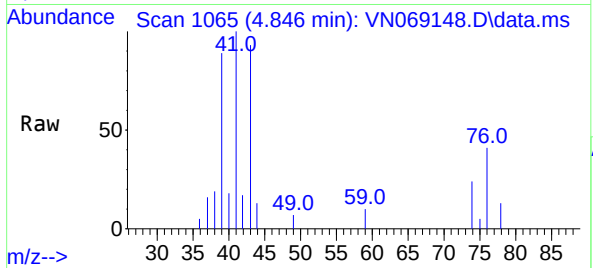
#16
Carbon Disulfide
Concen: 2.182 ug/l
RT: 4.535 min Scan# 949
Delta R.T. -0.003 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47

Tgt Ion: 76 Resp: 17953
Ion Ratio Lower Upper
76 100
78 8.5 7.8 11.8



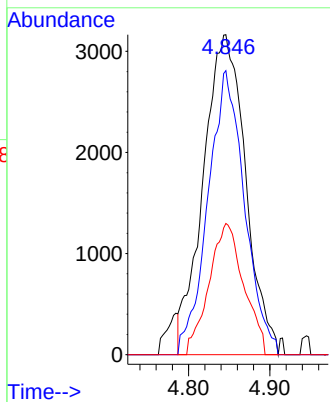
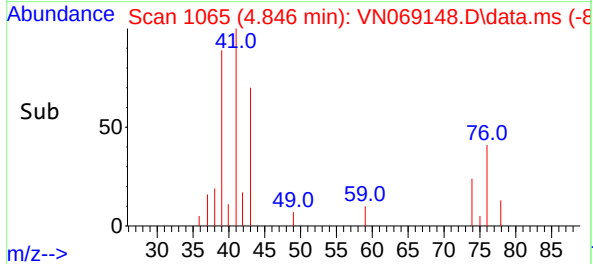


#17
Allyl chloride
Concen: 2.170 ug/l
RT: 4.846 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47



Tgt Ion: 41 Resp: 11442

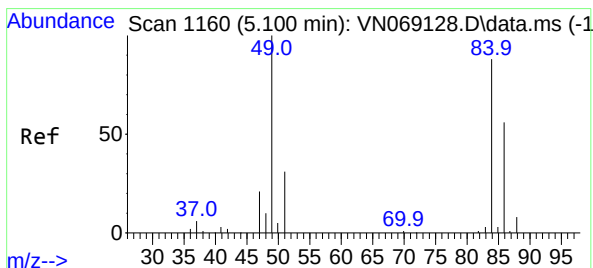
Ion	Ratio	Lower	Upper
41	100		
39	88.8	44.6	134.0
76	41.0	19.6	58.7



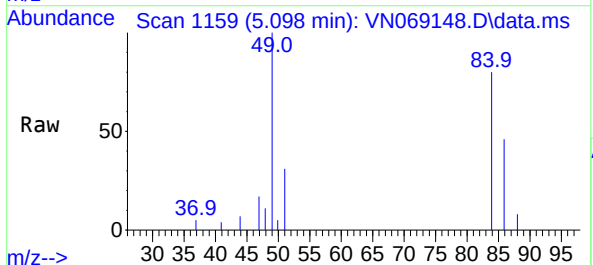
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2021

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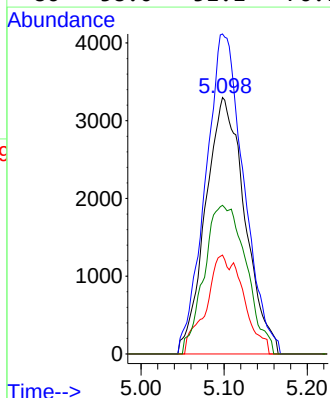
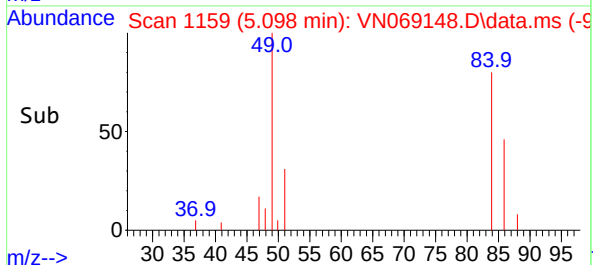


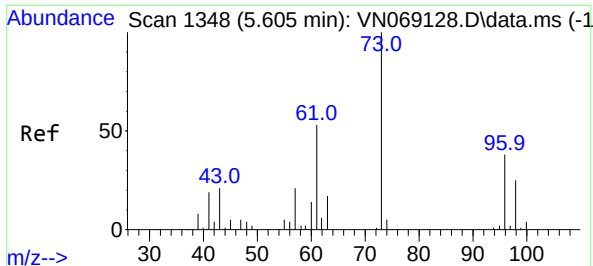
#18
Methylene Chloride
Concen: 2.979 ug/l
RT: 5.098 min Scan# 1159
Delta R.T. -0.003 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47



Tgt Ion: 84 Resp: 10839

Ion	Ratio	Lower	Upper
84	100		
49	124.8	91.4	137.0
51	38.6	29.4	44.0
86	58.0	51.1	76.7





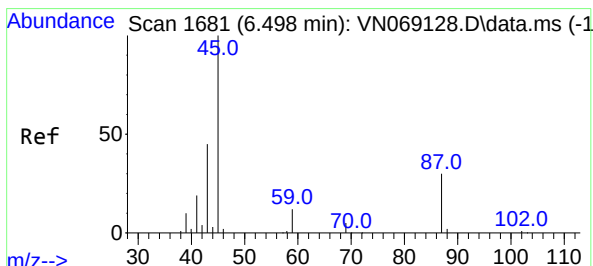
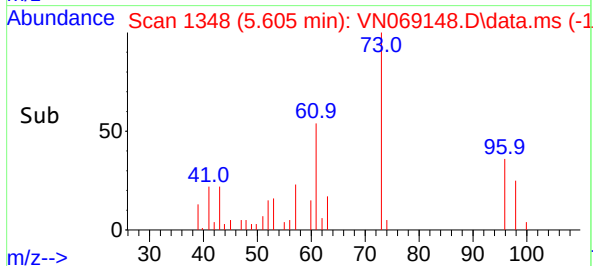
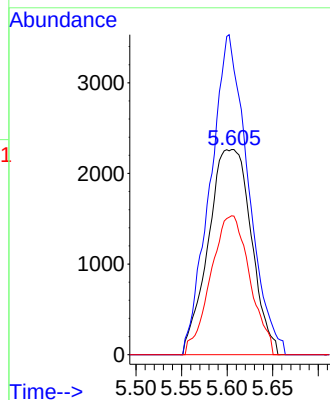
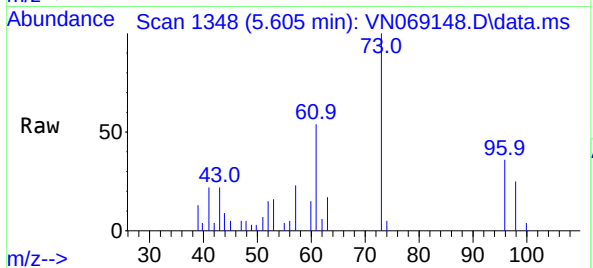
#19
trans-1,2-Dichloroethene
Concen: 2.232 ug/l m
RT: 5.605 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47

Tgt Ion: 96 Resp: 7420
Ion Ratio Lower Upper
96 100
61 147.4 102.8 154.2
98 67.7 49.3 73.9

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2021

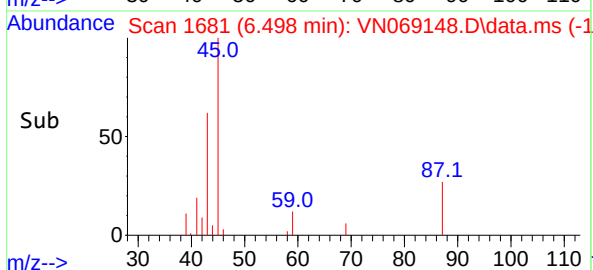
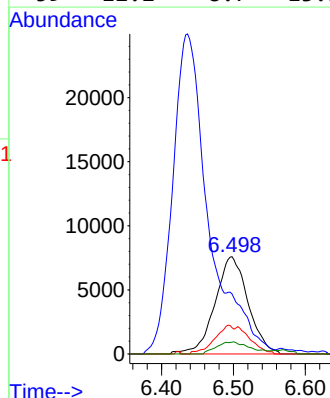
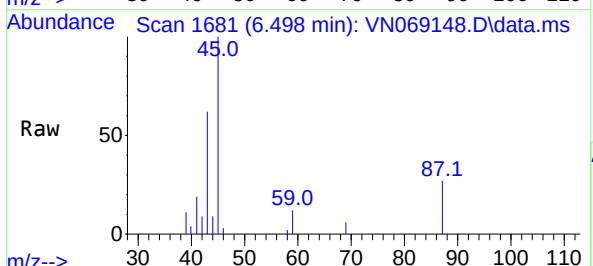
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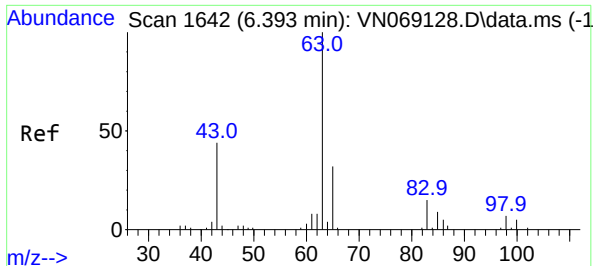
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#20
Diisopropyl ether
Concen: 2.139 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47

Tgt Ion: 45 Resp: 24090
Ion Ratio Lower Upper
45 100
43 55.9 51.0 76.4
87 26.9 25.0 37.4
59 12.2 8.7 13.1





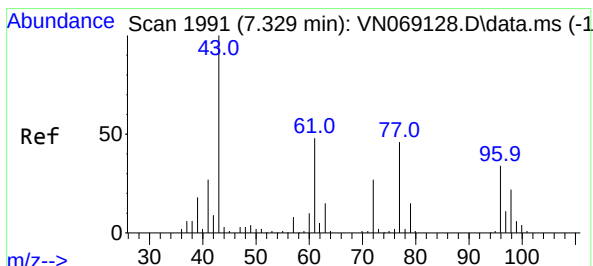
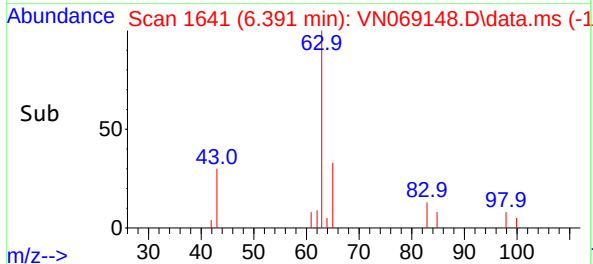
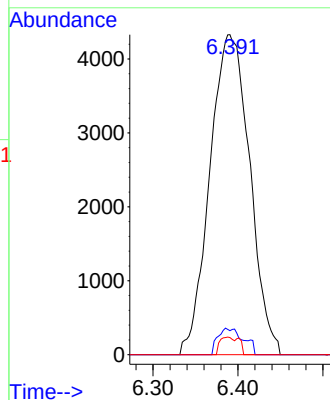
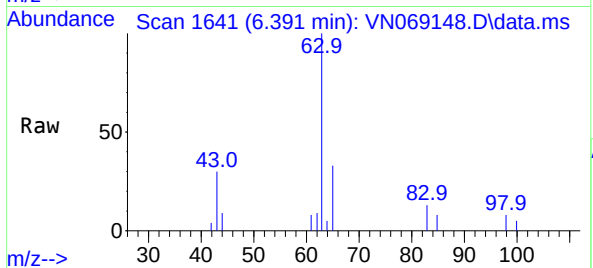
#21
1,1-Dichloroethane
Concen: 2.248 ug/l
RT: 6.391 min Scan# 1641
Delta R.T. -0.003 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47

Tgt Ion:	63	Resp:	14133
Ion Ratio	Lower	Upper	
63	100		
98	7.5	3.2	9.6
100	5.3	2.1	6.2

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2021

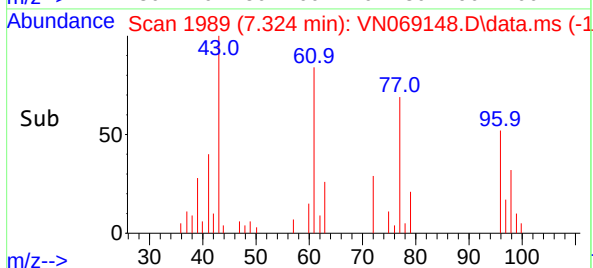
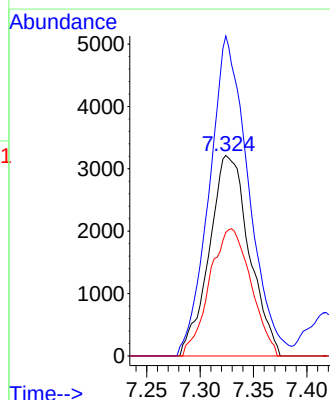
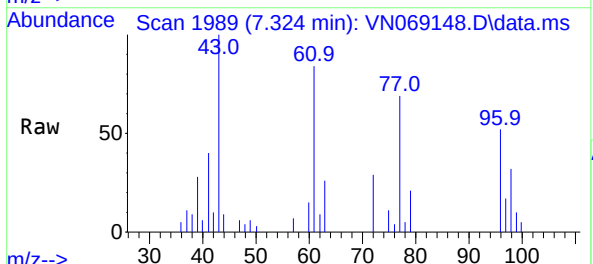
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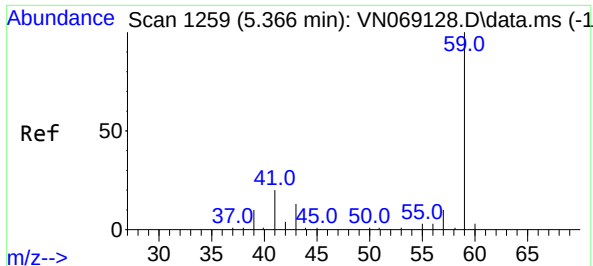
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#22
cis-1,2-Dichloroethene
Concen: 2.101 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. -0.005 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47

Tgt Ion:	96	Resp:	8372
Ion Ratio	Lower	Upper	
96	100		
61	156.3	115.7	173.5
98	65.5	51.6	77.4





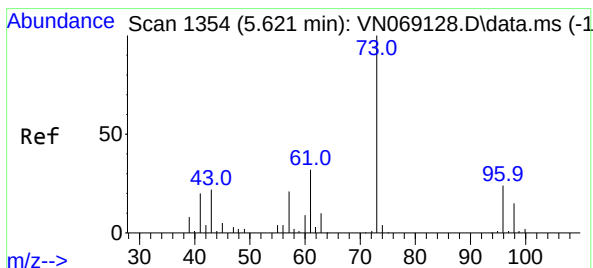
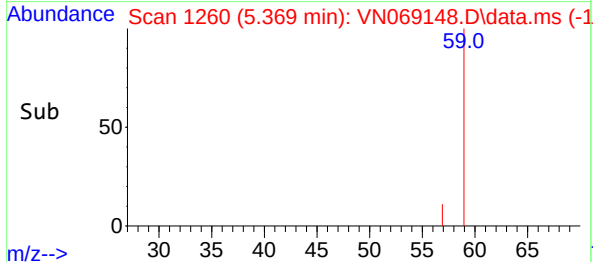
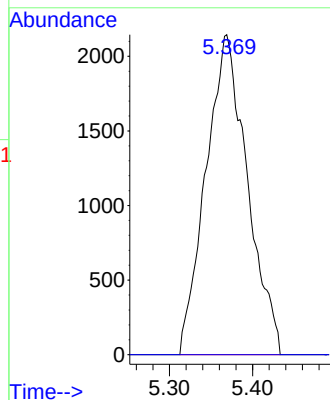
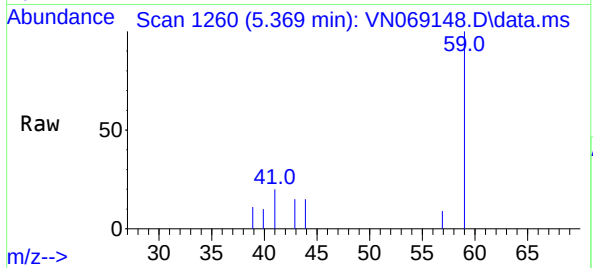
#23
tert-Butyl Alcohol
Concen: 10.960 ug/l
RT: 5.369 min Scan# 1260
Delta R.T. 0.003 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47

Tgt Ion: 59 Resp: 7440
Ion Ratio Lower Upper
59 100
52 200.9 0.0 0.0#

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2021

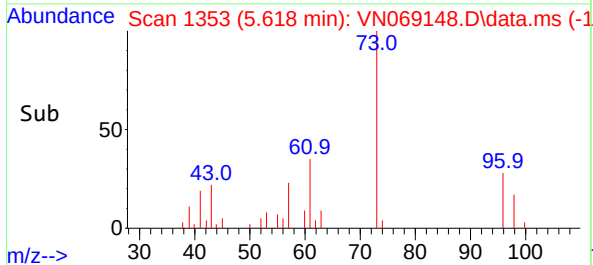
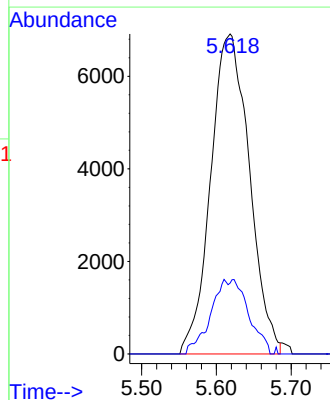
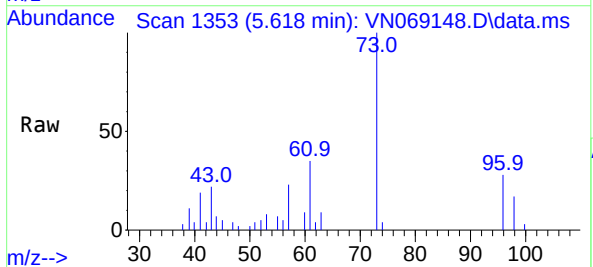
Manual Integrations
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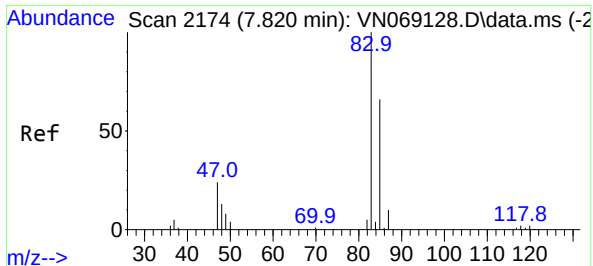
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#24
Methyl tert-Butyl Ether
Concen: 2.141 ug/l
RT: 5.618 min Scan# 1353
Delta R.T. -0.003 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47

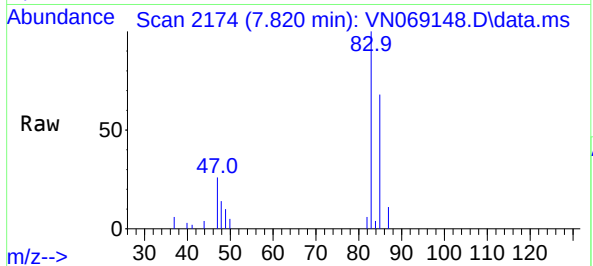
Tgt Ion: 73 Resp: 24860
Ion Ratio Lower Upper
73 100
43 5.6 18.1 27.1#





#25
Chloroform
Concen: 2.195 ug/l
RT: 7.820 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47

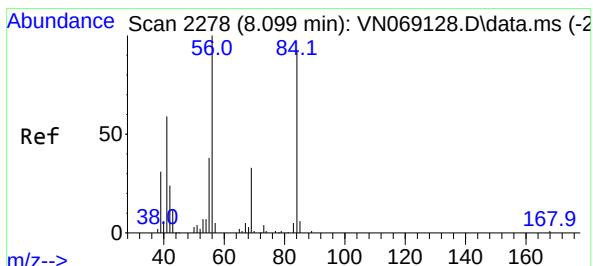
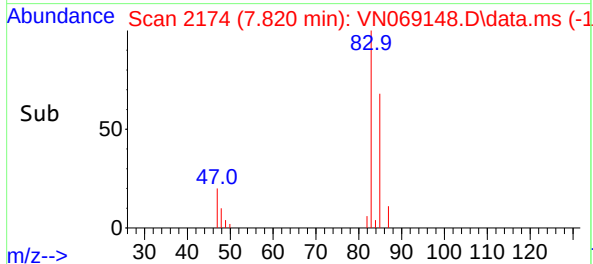
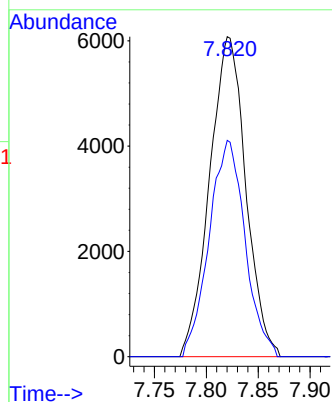
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2021



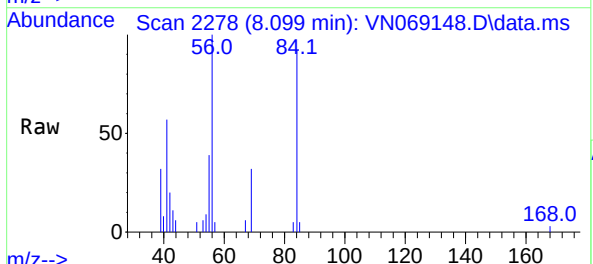
Tgt Ion: 83 Resp: 14747
Ion Ratio Lower Upper
83 100
85 67.6 51.3 76.9

Manual Integrations
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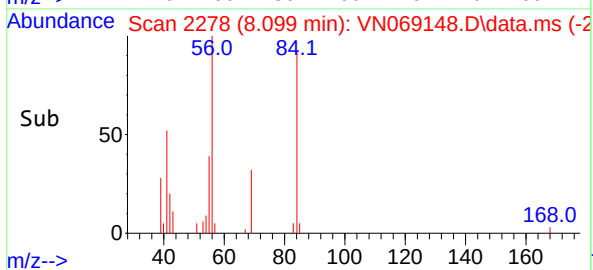
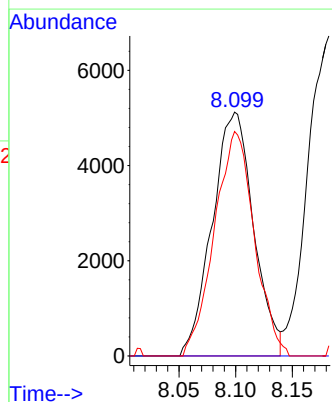
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10/27/2021 2:20:38 PM

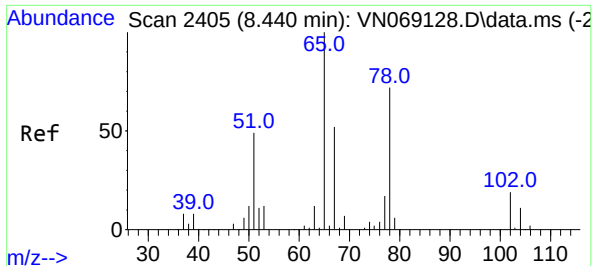


#26
Cyclohexane
Concen: 2.247 ug/l
RT: 8.099 min Scan# 2278
Delta R.T. 0.000 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47



Tgt Ion: 56 Resp: 13010
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 88.8 74.6 111.8





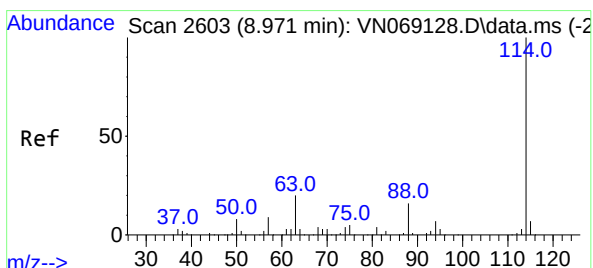
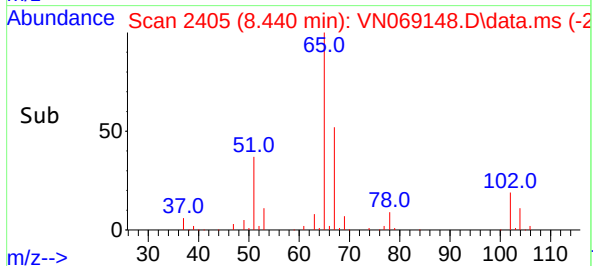
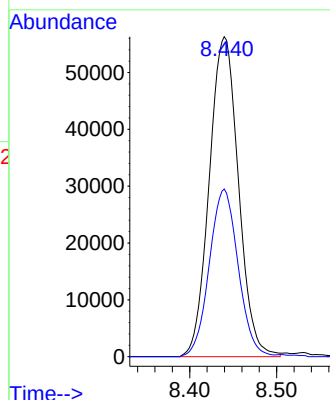
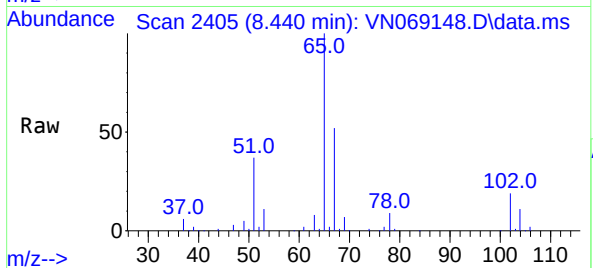
#27
1,2-Dichloroethane-d4
Concen: 31.022 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47

Tgt Ion: 65 Resp: 131534
Ion Ratio Lower Upper
65 100
67 51.6 40.2 60.2

Instrument :
MSVOA_N
ClientSampleId :
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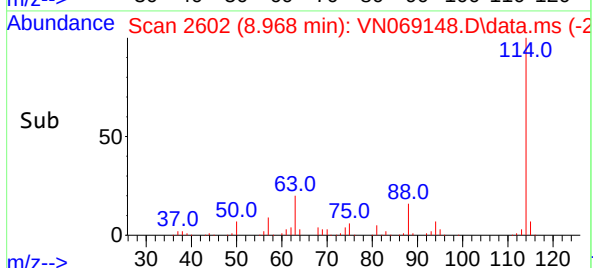
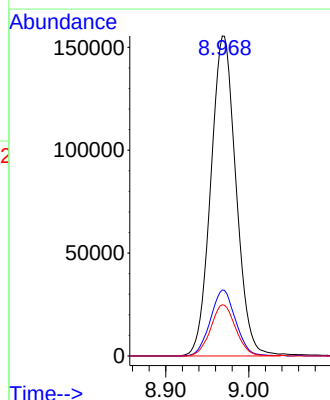
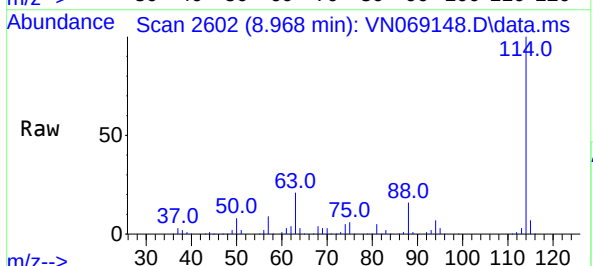
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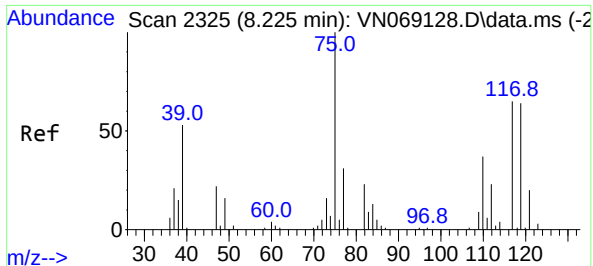
MMDadoda
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#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.003 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47

Tgt Ion: 114 Resp: 327392
Ion Ratio Lower Upper
114 100
63 20.7 15.8 23.6
88 15.9 11.6 17.4





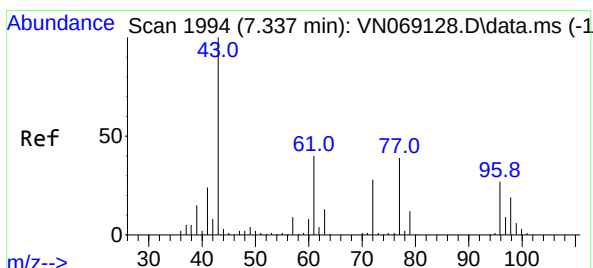
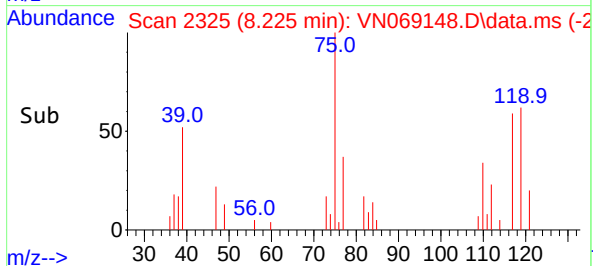
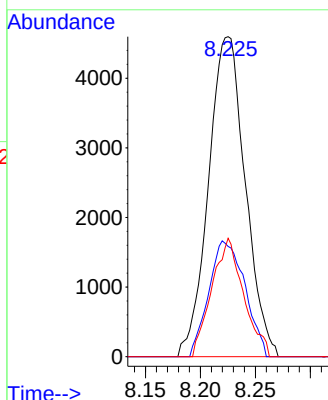
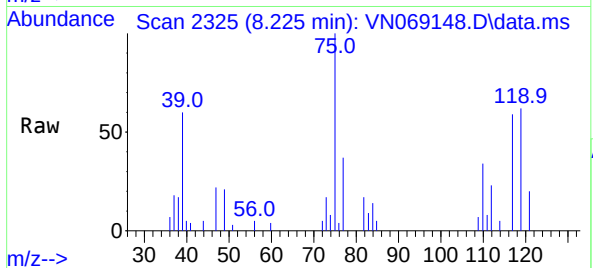
#29
1,1-Dichloropropene
Concen: 2.076 ug/l
RT: 8.225 min Scan# 2325
Delta R.T. 0.000 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47

Tgt Ion:	75	Resp:	10694
Ion	Ratio	Lower	Upper
75	100		
110	35.4	0.0	74.2
77	32.0	0.0	63.2

Instrument :
MSVOA_N
ClientSampleId :
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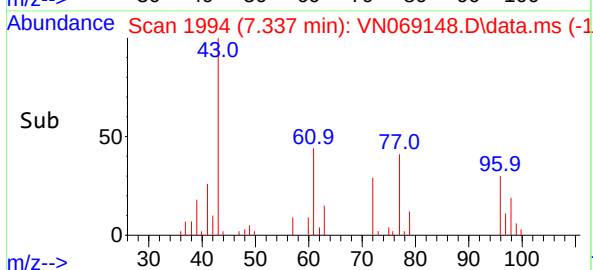
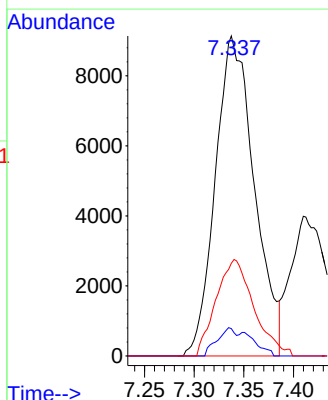
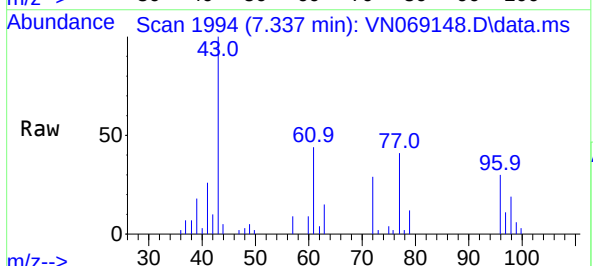
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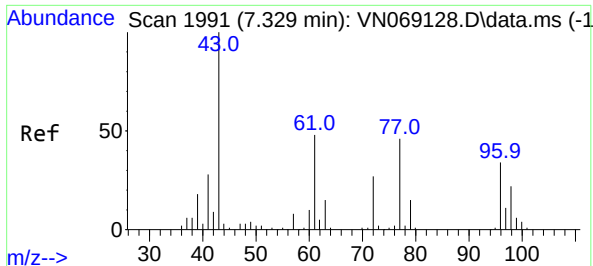
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#30
2-Butanone
Concen: 10.082 ug/l m
RT: 7.337 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47

Tgt Ion:	43	Resp:	24943
Ion	Ratio	Lower	Upper
43	100		
57	4.2	6.7	10.1#
72	28.9	23.2	34.8





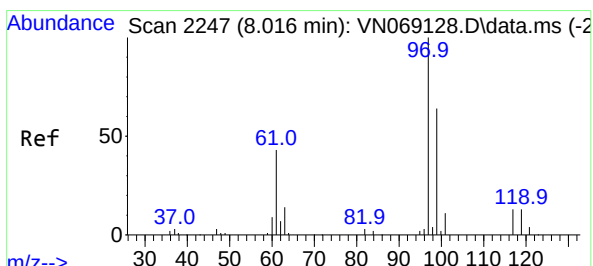
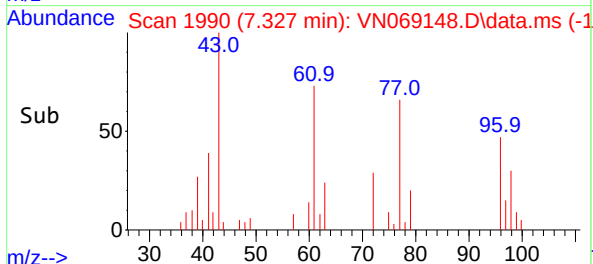
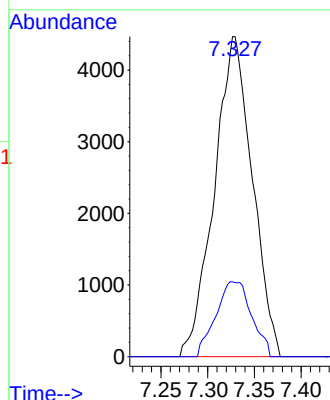
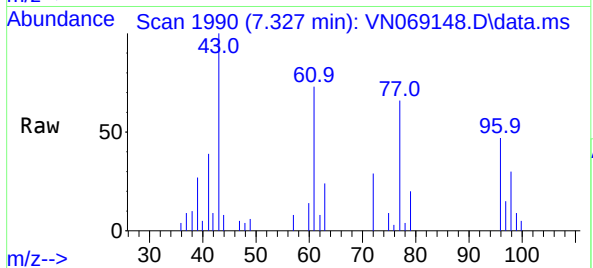
#31
2,2-Dichloropropane
Concen: 2.046 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. -0.003 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47

Tgt Ion: 77 Resp: 12630
Ion Ratio Lower Upper
77 100
97 13.6 18.3 27.5#

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2021

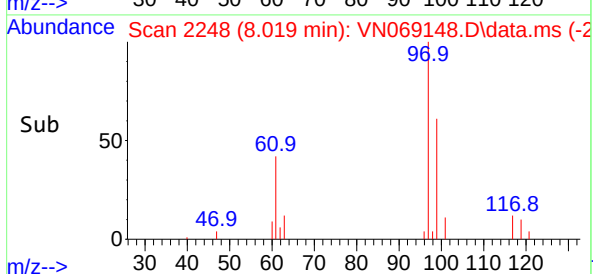
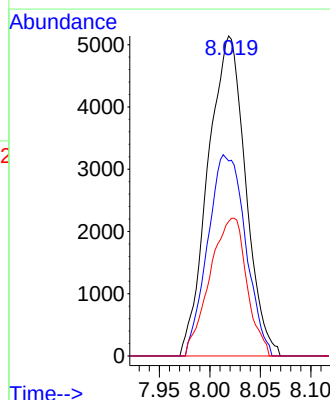
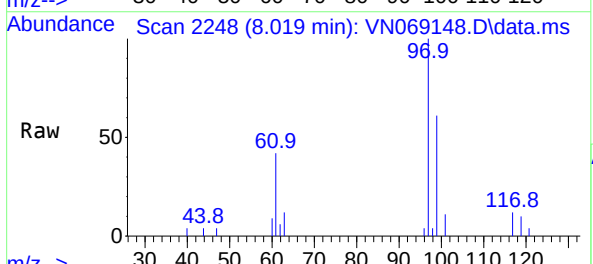
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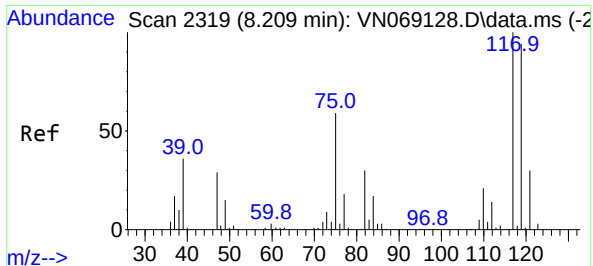
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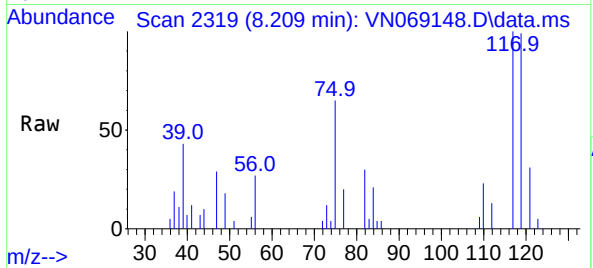
#32
1,1,1-Trichloroethane
Concen: 2.070 ug/l
RT: 8.019 min Scan# 2248
Delta R.T. 0.003 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47

Tgt Ion: 97 Resp: 13268
Ion Ratio Lower Upper
97 100
99 63.5 50.4 75.6
61 42.4 34.6 51.8

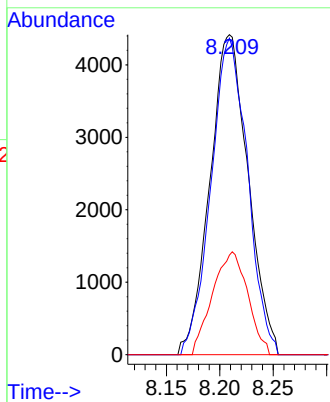
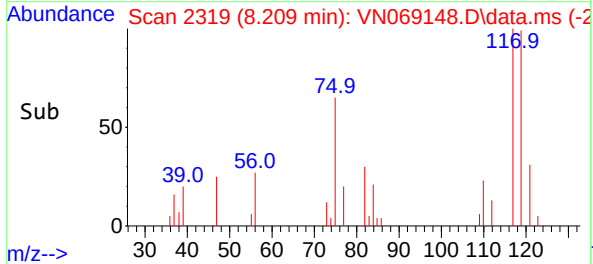




#33
Carbon Tetrachloride
Concen: 2.019 ug/l
RT: 8.209 min Scan# 2319
Delta R.T. 0.000 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47



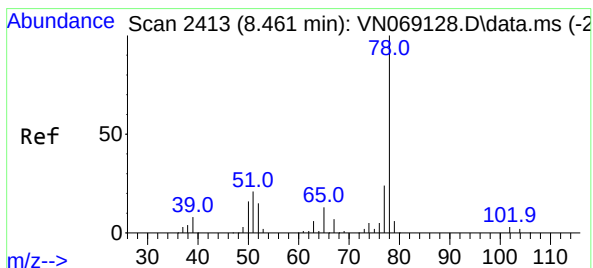
Tgt Ion: 117 Resp: 10993
Ion Ratio Lower Upper
117 100
119 98.9 77.5 116.3
121 31.1 23.5 35.3



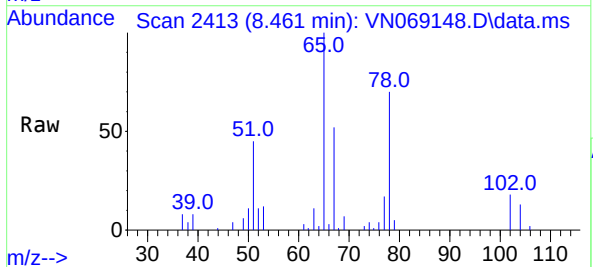
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2021

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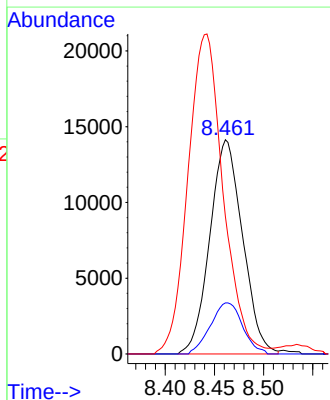
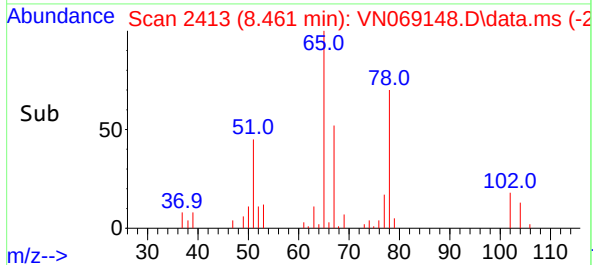
MMDadoda
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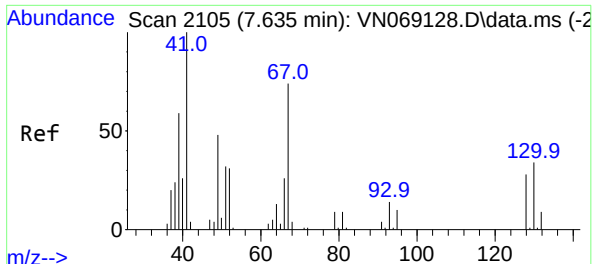


#34
Benzene
Concen: 2.127 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47

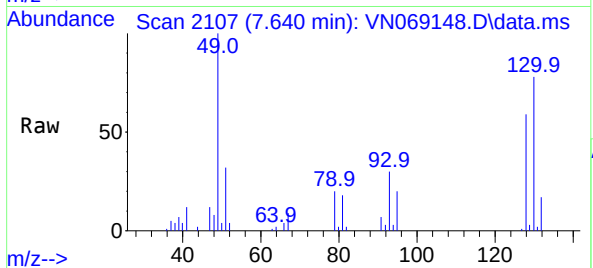


Tgt Ion: 78 Resp: 32725
Ion Ratio Lower Upper
78 100
77 23.9 19.1 28.7
51 61.2 16.0 24.0#

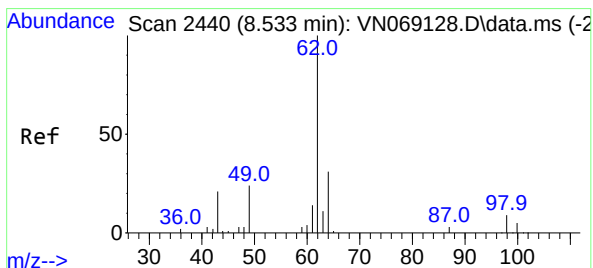
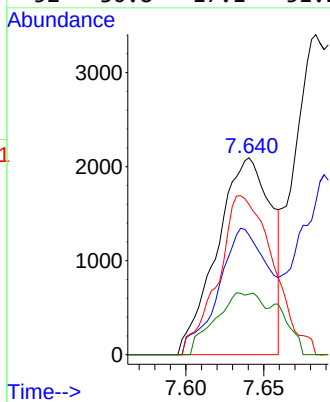
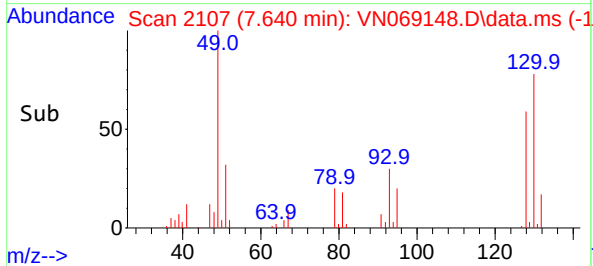




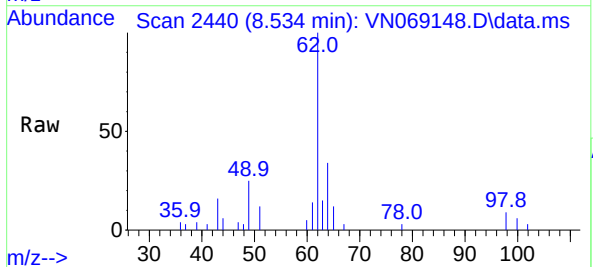
#35
Methacrylonitrile
Concen: 2.052 ug/l
RT: 7.640 min Scan# 2107
Delta R.T. 0.005 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47



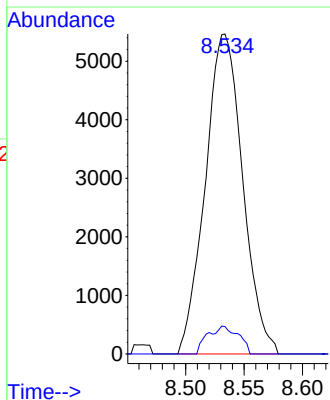
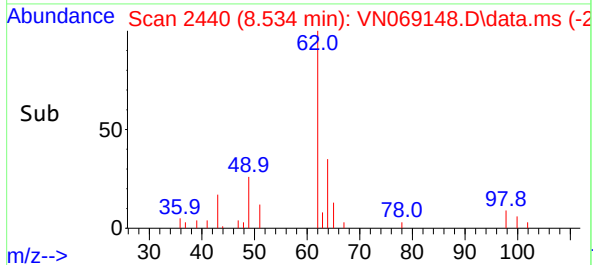
Tgt Ion: 41 Resp: 5060
Ion Ratio Lower Upper
41 100
39 60.8 28.0 83.9
67 76.4 37.7 113.1
52 30.8 17.1 51.2



#36
1,2-Dichloroethane
Concen: 2.192 ug/l
RT: 8.534 min Scan# 2440
Delta R.T. 0.000 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47



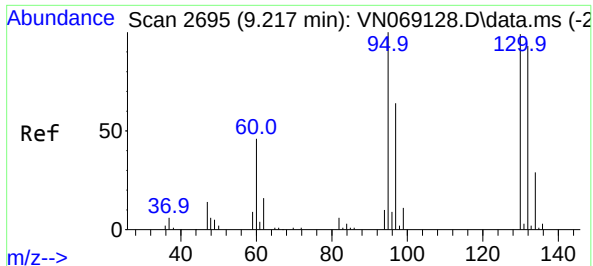
Tgt Ion: 62 Resp: 12171
Ion Ratio Lower Upper
62 100
98 1.5 6.6 10.0#



Instrument :
MSVOA_N
ClientSampleId :
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Manual Integrations
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#37

Trichloroethene

Concen: 2.044 ug/l

RT: 9.217 min Scan# 2695

Delta R.T. 0.000 min

Lab File: VN069148.D

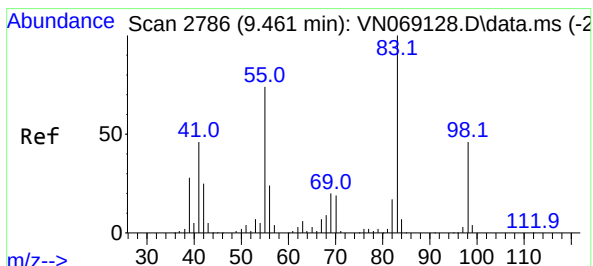
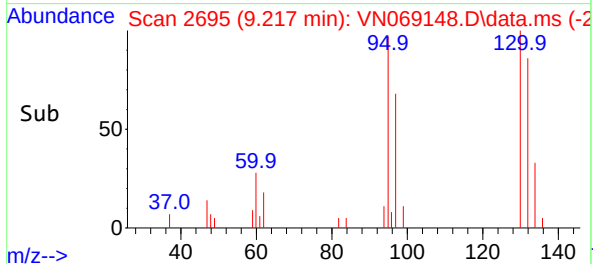
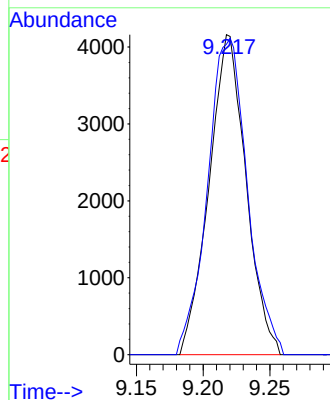
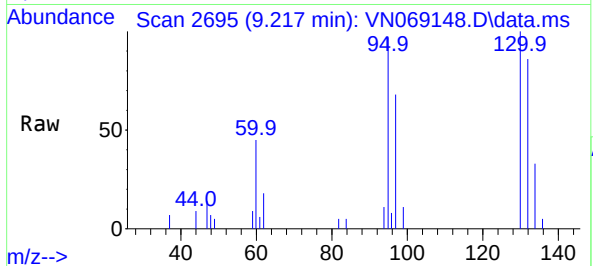
Acq: 25 Oct 2021 12:47

Tgt Ion:130 Resp: 7998

Ion Ratio Lower Upper

130 100

95 93.2 76.6 115.0



#38

Methylcyclohexane

Concen: 2.110 ug/l

RT: 9.459 min Scan# 2785

Delta R.T. -0.003 min

Lab File: VN069148.D

Acq: 25 Oct 2021 12:47

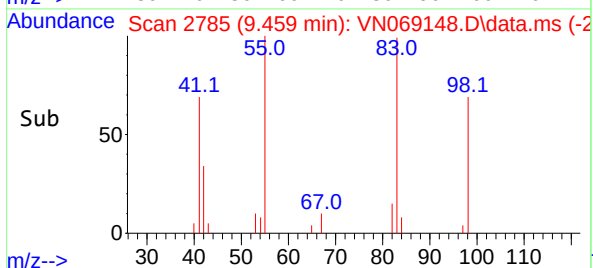
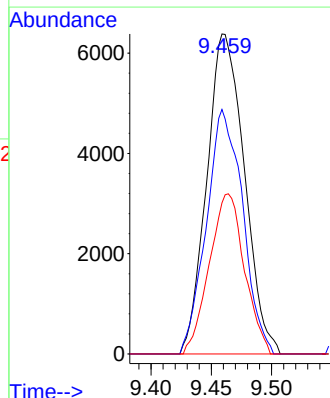
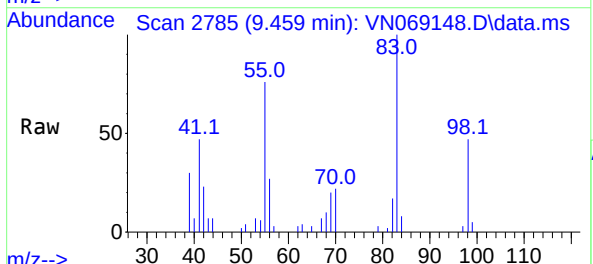
Tgt Ion: 83 Resp: 13837

Ion Ratio Lower Upper

83 100

55 73.7 35.1 105.3

98 46.8 23.4 70.2



Instrument :

MSVOA_N

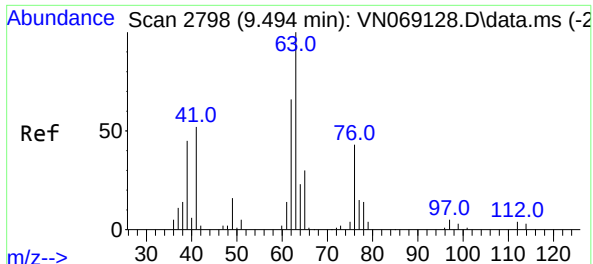
ClientSampleId :

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#39

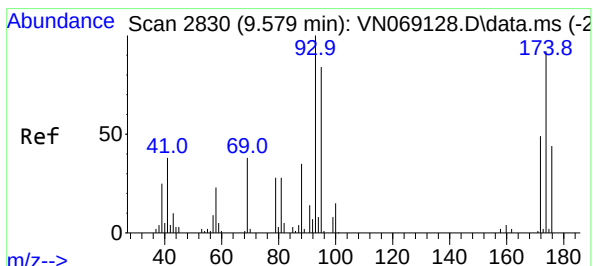
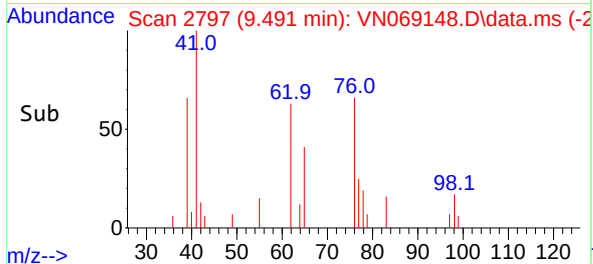
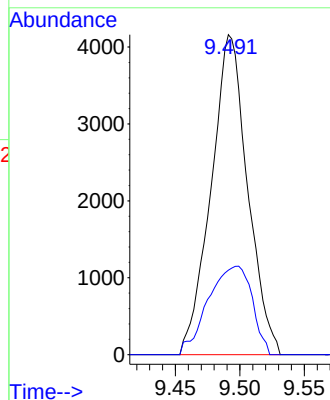
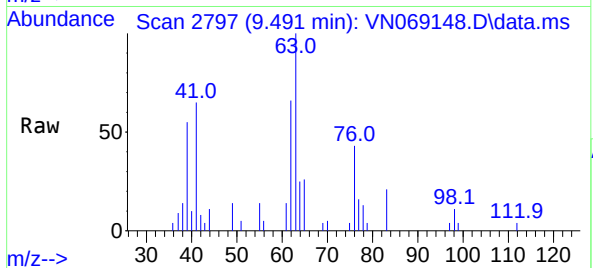
1,2-Dichloropropane
Concen: 2.089 ug/l
RT: 9.491 min Scan# 2797
Delta R.T. -0.003 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 63 Resp: 8197
Ion Ratio Lower Upper
63 100
65 26.4 24.2 36.4

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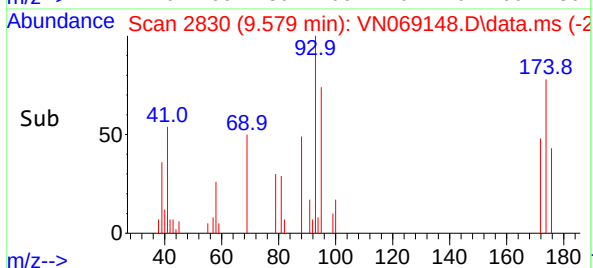
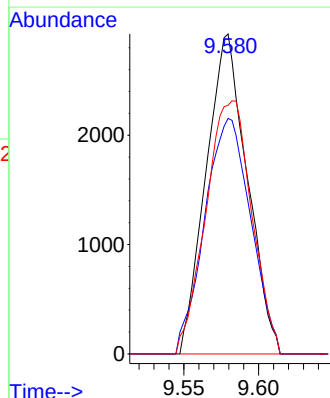
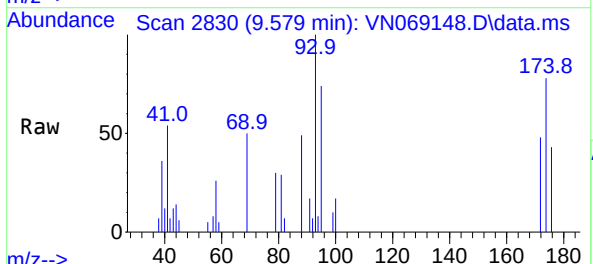
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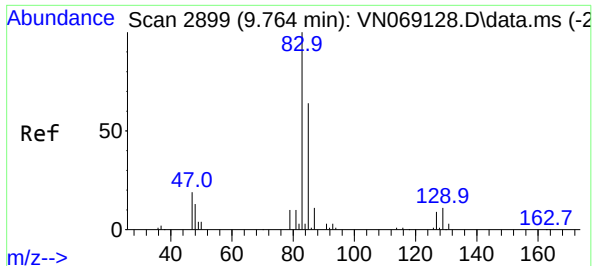


#40

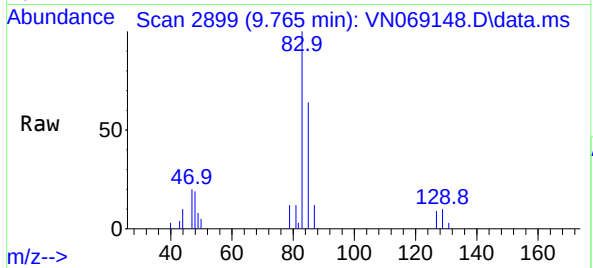
Dibromomethane
Concen: 2.039 ug/l
RT: 9.579 min Scan# 2830
Delta R.T. 0.000 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47

Tgt Ion: 93 Resp: 5592
Ion Ratio Lower Upper
93 100
95 82.3 0.0 168.8
174 88.3 0.0 173.6



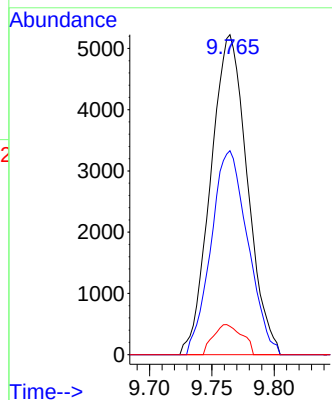


#41
Bromodichloromethane
Concen: 1.947 ug/l
RT: 9.765 min Scan# 2899
Delta R.T. 0.000 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47



Tgt Ion: 83 Resp: 10673

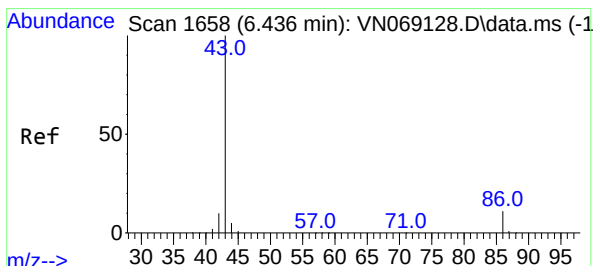
Ion	Ratio	Lower	Upper
83	100		
85	63.8	54.1	81.1
127	8.9	7.6	11.4



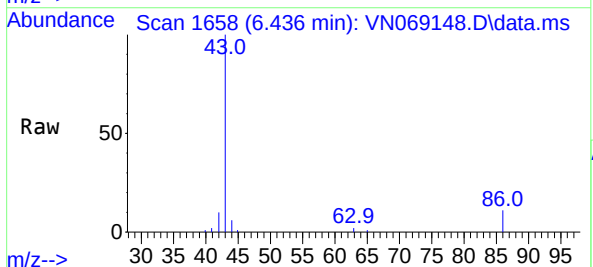
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2021

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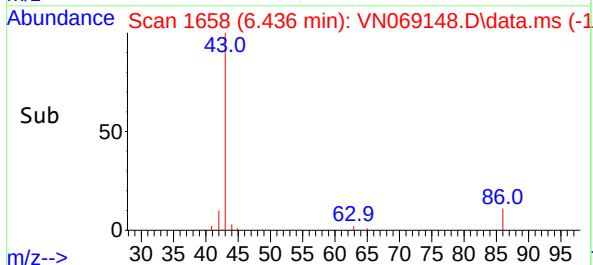
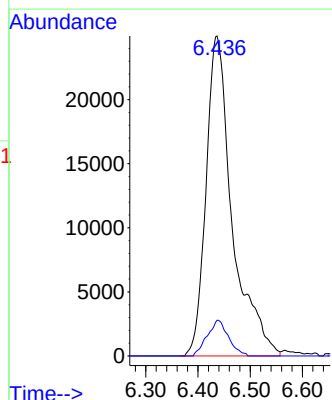


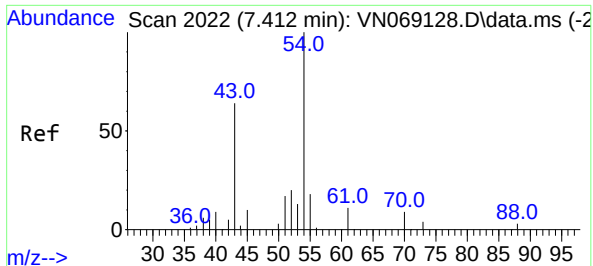
#42
Vinyl Acetate
Concen: 9.854 ug/l m
RT: 6.436 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47



Tgt Ion: 43 Resp: 86991

Ion	Ratio	Lower	Upper
43	100		
86	9.1	7.5	11.3





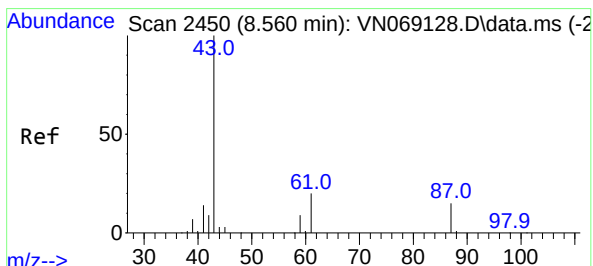
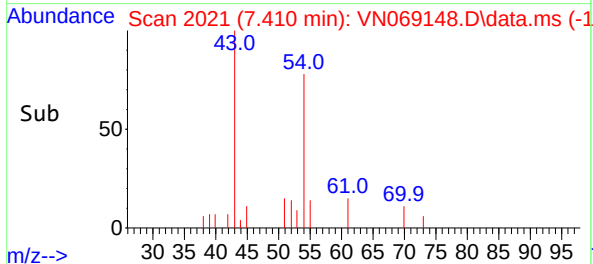
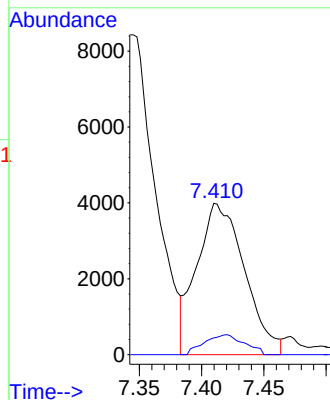
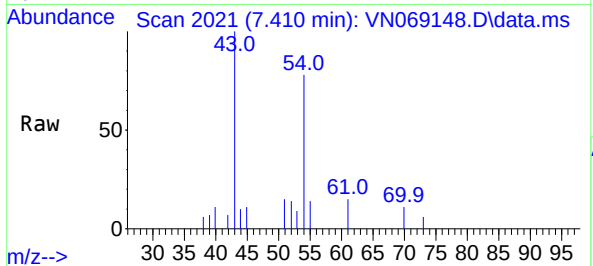
#43
Ethyl Acetate
Concen: 2.208 ug/l m
RT: 7.410 min Scan# 2021
Delta R.T. -0.003 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47

Tgt Ion: 43 Resp: 10657
Ion Ratio Lower Upper
43 100
45 10.8 10.6 16.0

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2021

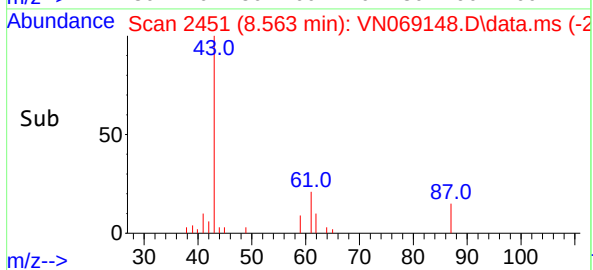
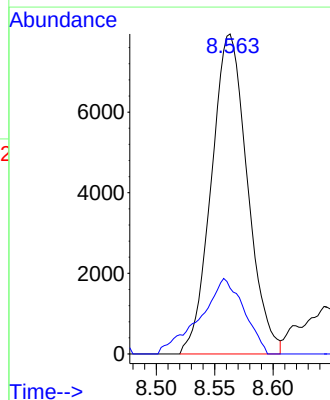
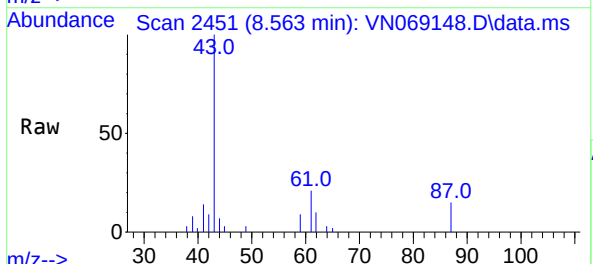
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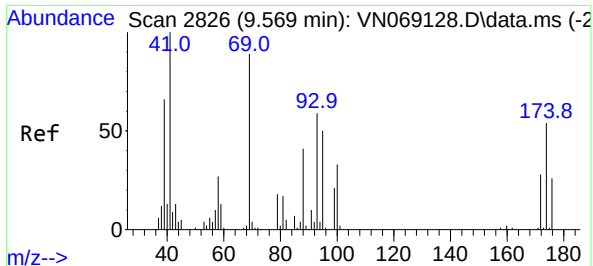
MMDadoda
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#44
Isopropyl Acetate
Concen: 1.905 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.003 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47

Tgt Ion: 43 Resp: 17023
Ion Ratio Lower Upper
43 100
61 26.3 20.1 30.1





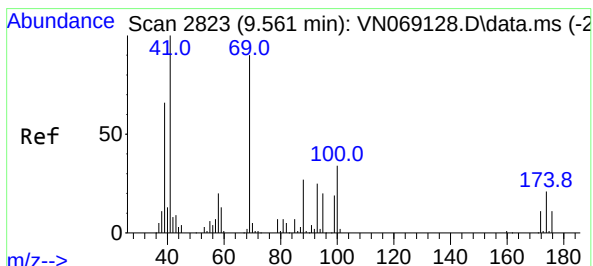
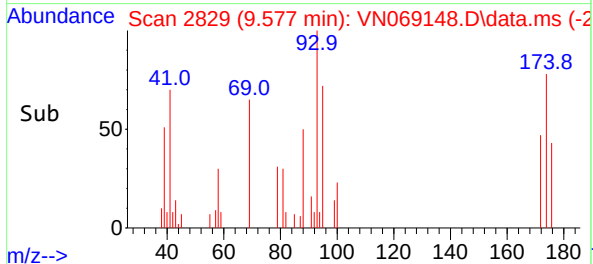
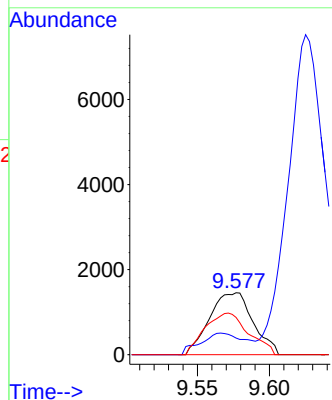
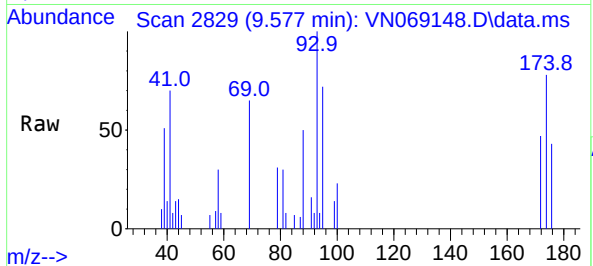
#45
1,4-Dioxane
Concen: 42.746 ug/l m
RT: 9.577 min Scan# 2829
Delta R.T. 0.008 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47

Tgt Ion: 88 Resp: 3057
Ion Ratio Lower Upper
88 100
43 19.0 25.0 37.6#
58 67.4 49.4 74.2

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2021

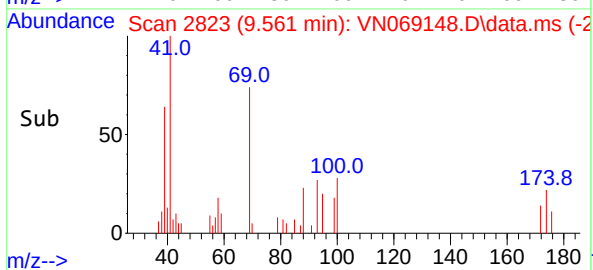
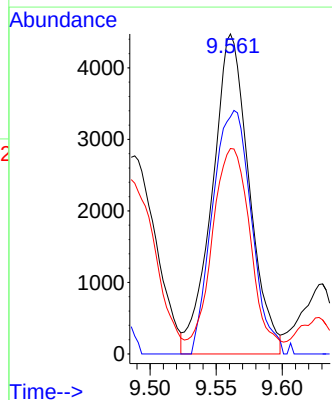
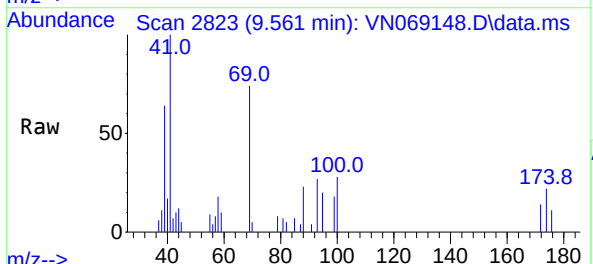
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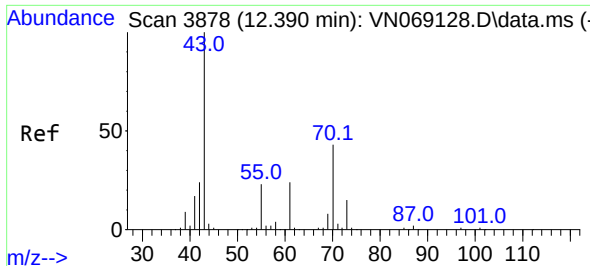
MMDadoda
10/27/2021 2:20:38 PM



#46
Methyl methacrylate
Concen: 2.151 ug/l m
RT: 9.561 min Scan# 2823
Delta R.T. 0.000 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47

Tgt Ion: 41 Resp: 8687
Ion Ratio Lower Upper
41 100
69 74.1 44.4 133.2
39 64.2 39.9 119.6





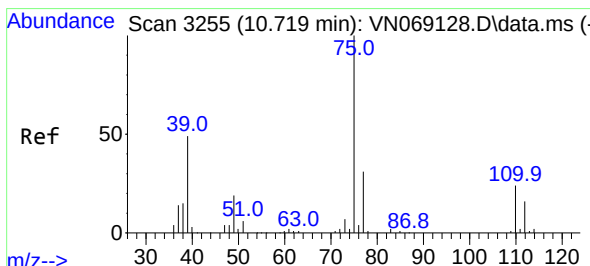
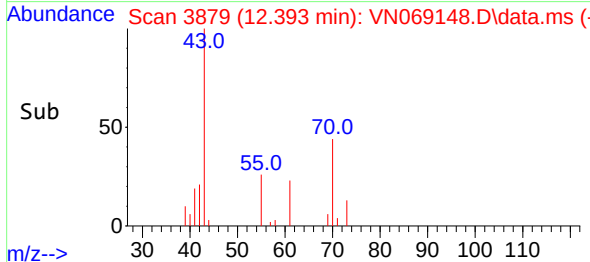
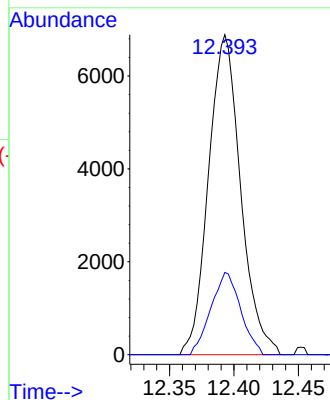
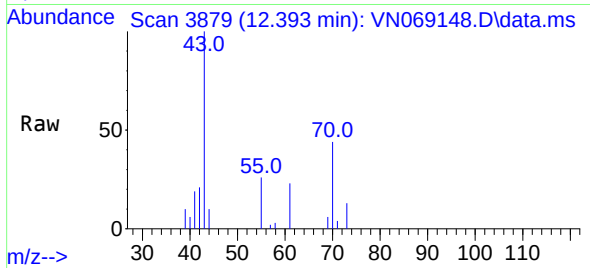
#47
n-amyl Acetate
Concen: 1.574 ug/l
RT: 12.393 min Scan# 3879
Delta R.T. 0.003 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47

Tgt Ion: 43 Resp: 11943
Ion Ratio Lower Upper
43 100
55 23.8 19.0 28.6

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2021

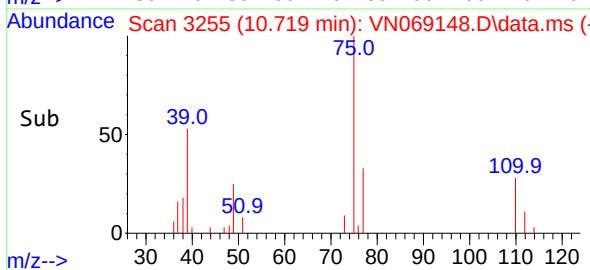
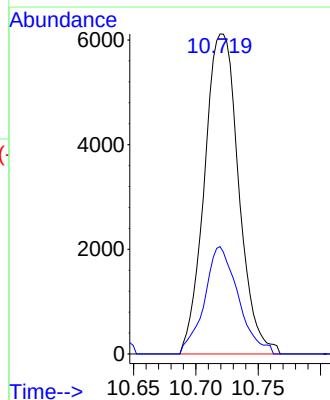
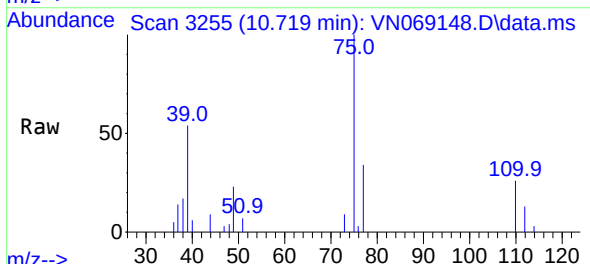
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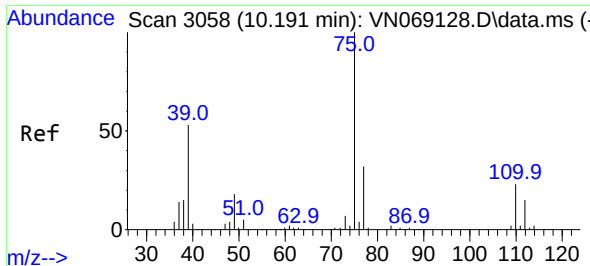
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#48
t-1,3-Dichloropropene
Concen: 1.843 ug/l
RT: 10.719 min Scan# 3255
Delta R.T. 0.000 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47

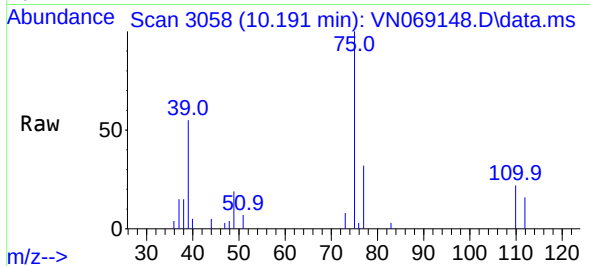
Tgt Ion: 75 Resp: 11684
Ion Ratio Lower Upper
75 100
77 33.6 25.3 37.9





#49
cis-1,3-Dichloropropene
Concen: 1.869 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. 0.000 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47

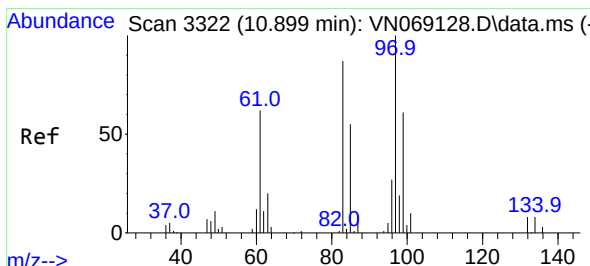
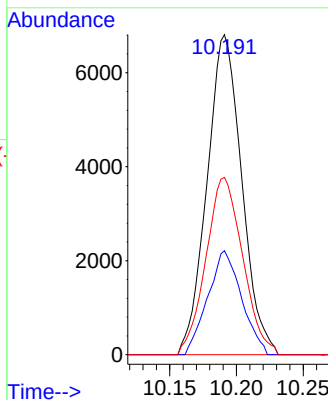
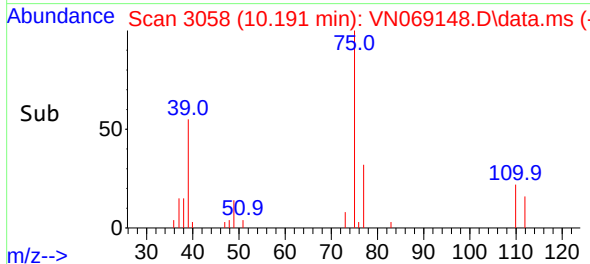
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2021



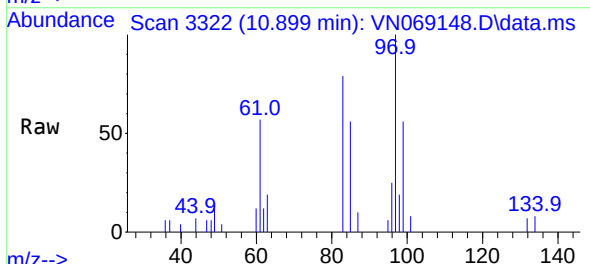
Tgt Ion: 75 Resp: 12337
Ion Ratio Lower Upper
75 100
77 32.5 25.3 37.9
39 55.4 46.2 69.4

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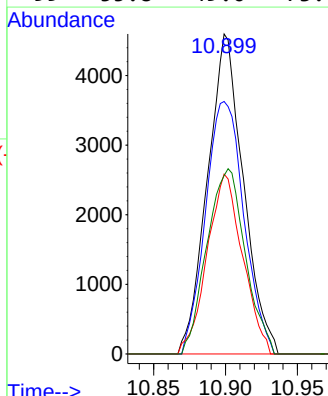
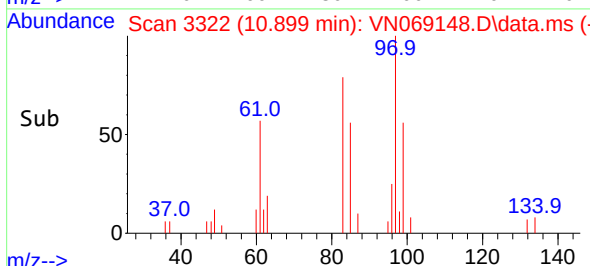
MMDadoda
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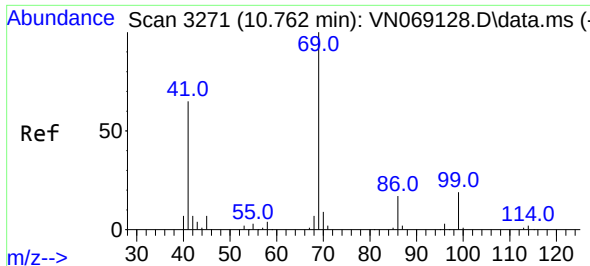


#50
1,1,2-Trichloroethane
Concen: 2.022 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. 0.000 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47

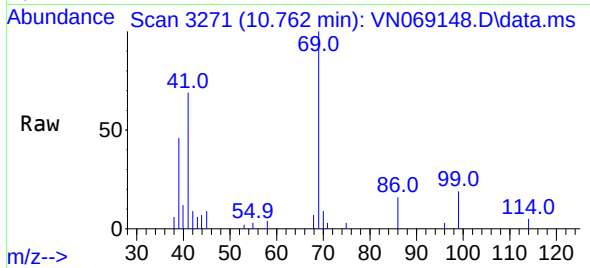


Tgt Ion: 97 Resp: 7959
Ion Ratio Lower Upper
97 100
83 78.9 67.2 100.8
85 56.2 43.0 64.4
99 55.8 49.0 73.4

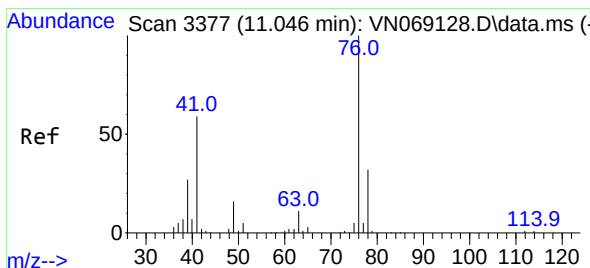
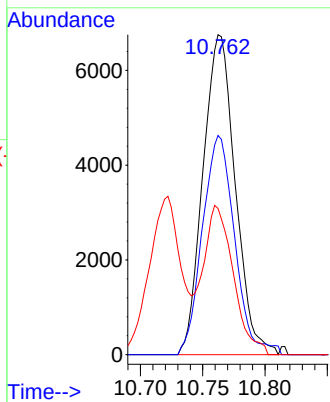
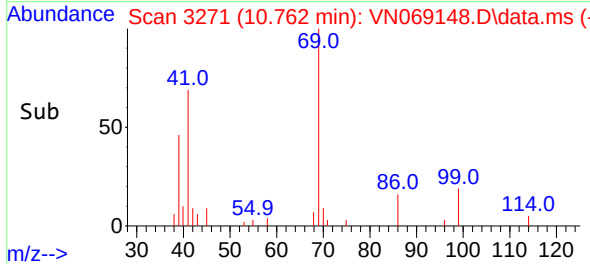




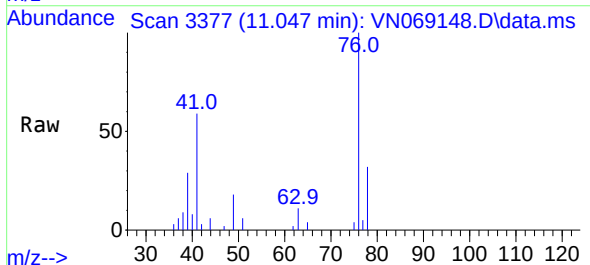
#51
Ethyl methacrylate
Concen: 1.875 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47



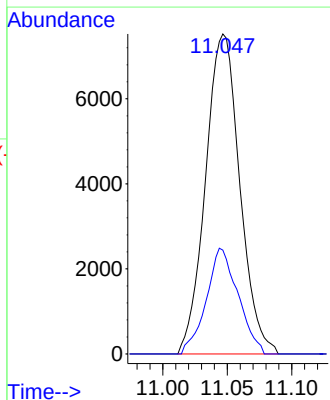
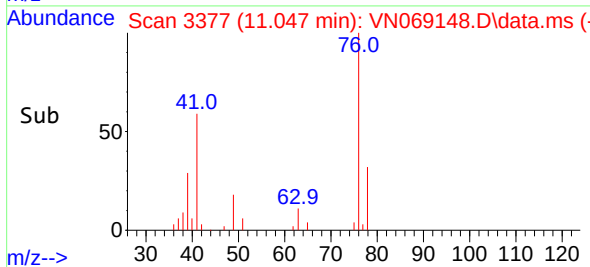
Tgt Ion: 69 Resp: 12164
Ion Ratio Lower Upper
69 100
41 68.5 33.0 98.9
39 45.7 25.4 76.4



#52
1,3-Dichloropropane
Concen: 2.102 ug/l
RT: 11.047 min Scan# 3377
Delta R.T. 0.000 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47



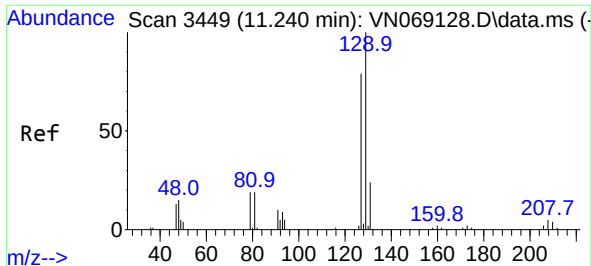
Tgt Ion: 76 Resp: 13920
Ion Ratio Lower Upper
76 100
78 30.6 0.0 65.4



Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2021

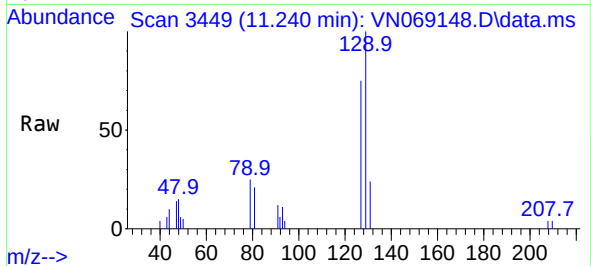
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#53
Dibromochloromethane
Concen: 1.779 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. 0.000 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47

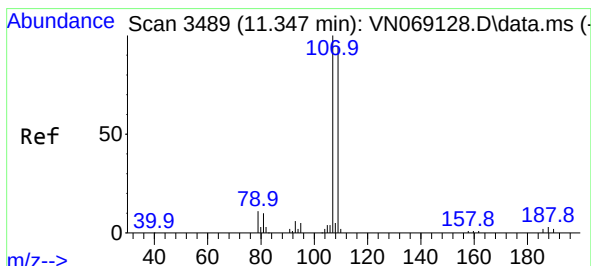
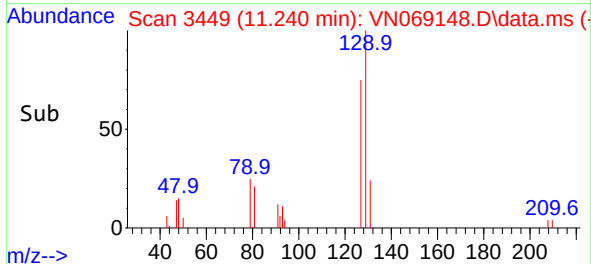
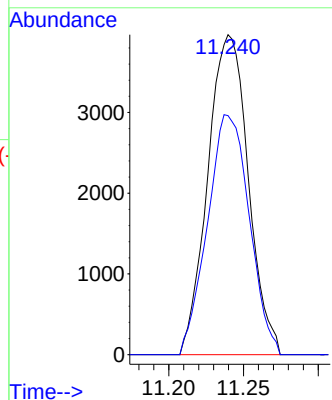
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2021



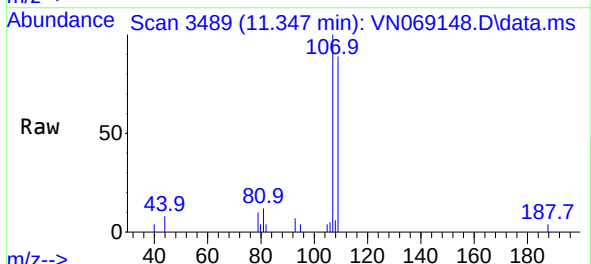
Tgt Ion:129 Resp: 7474
Ion Ratio Lower Upper
129 100
127 77.4 39.0 117.0

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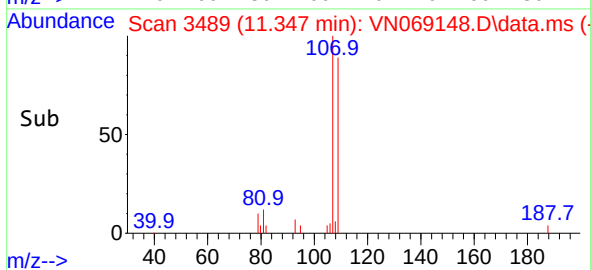
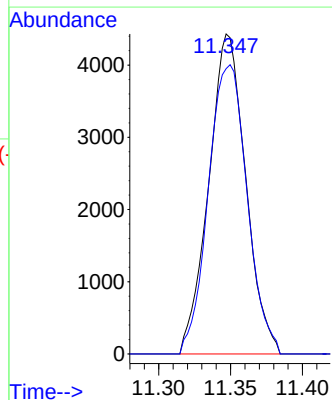
MMDadoda
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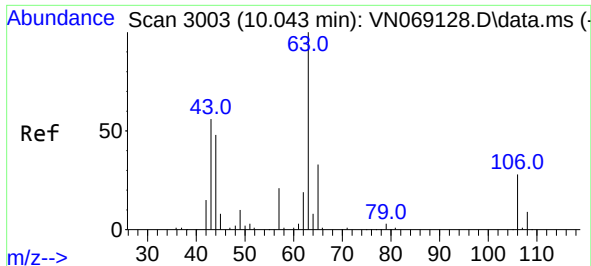


#54
1,2-Dibromoethane
Concen: 1.920 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. 0.000 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47

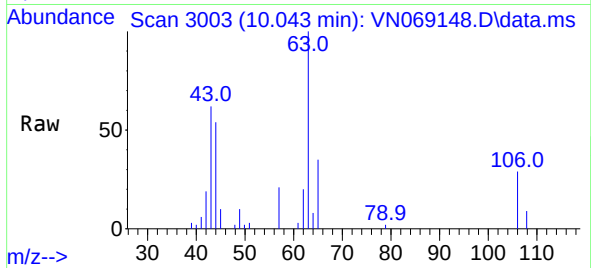


Tgt Ion:107 Resp: 7902
Ion Ratio Lower Upper
107 100
109 95.1 72.8 109.2

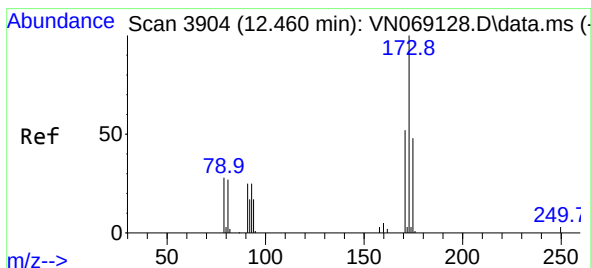
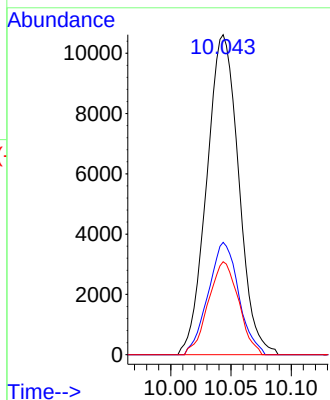
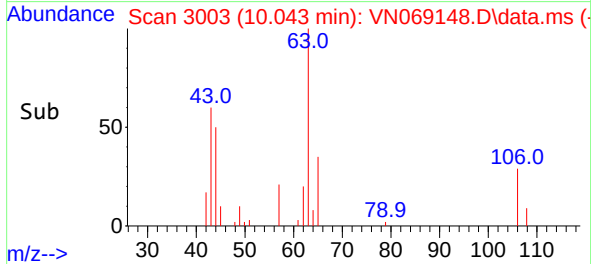




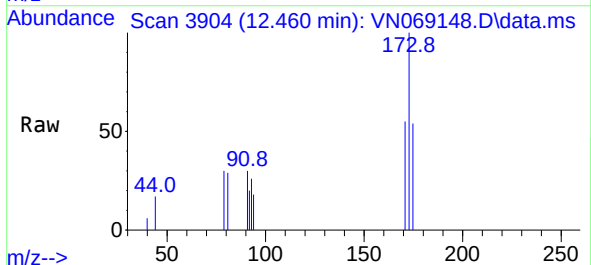
#55
2-Chloroethyl vinyl ether
Concen: 9.493 ug/l
RT: 10.043 min Scan# 3003
Delta R.T. 0.000 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47



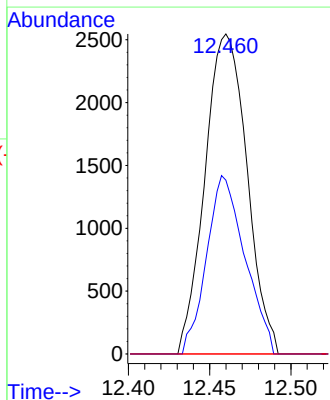
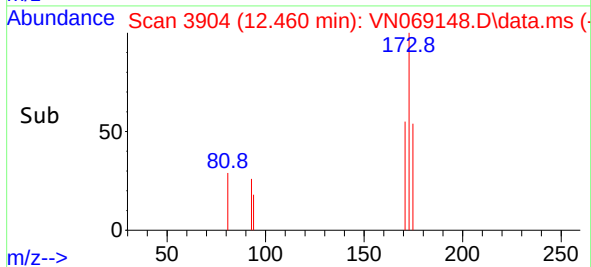
Tgt Ion: 63 Resp: 19557
Ion Ratio Lower Upper
63 100
65 33.5 25.4 38.0
106 27.5 23.2 34.8



#56
Bromoform
Concen: 1.513 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. 0.000 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47



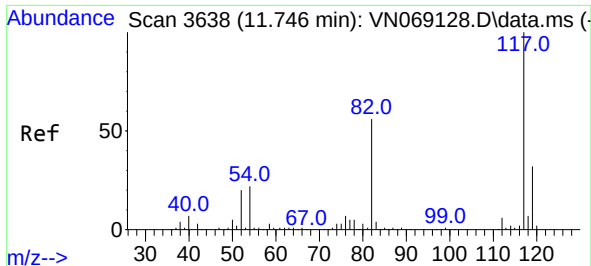
Tgt Ion: 173 Resp: 4583
Ion Ratio Lower Upper
173 100
175 50.9 38.6 58.0
254 0.0 0.0 0.0



Instrument :
MSVOA_N
ClientSampleId :
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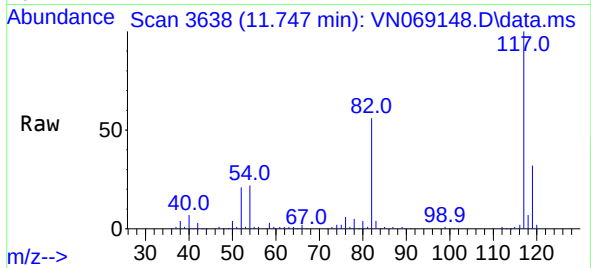
Manual Integrations
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#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47

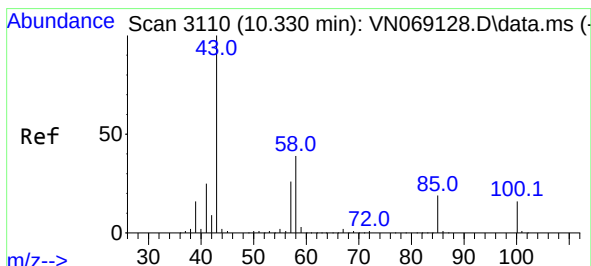
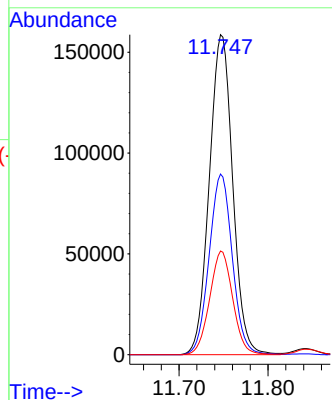
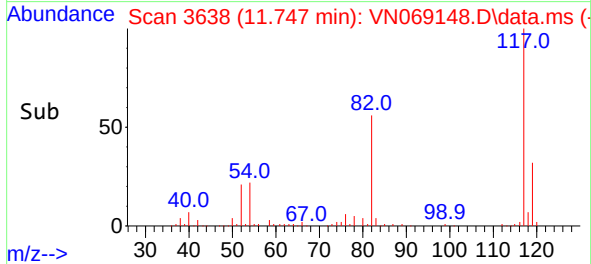
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2021



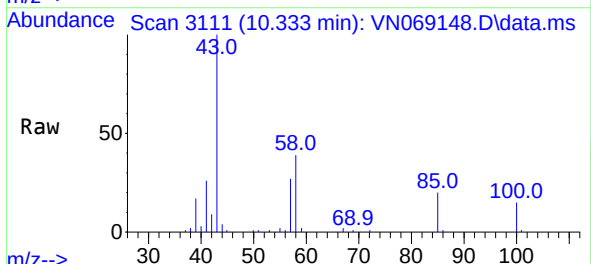
Tgt Ion: 117 Resp: 289943
Ion Ratio Lower Upper
117 100
82 56.0 43.6 65.4
119 32.0 25.8 38.6

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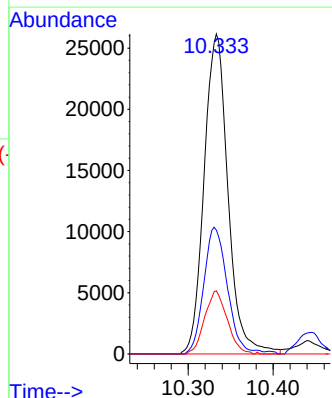
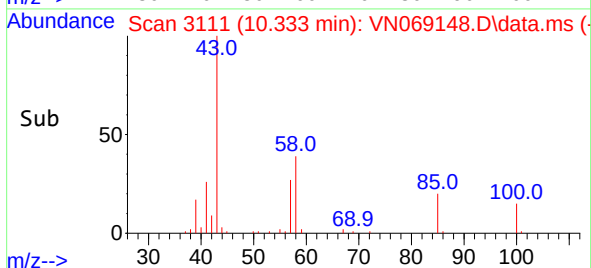
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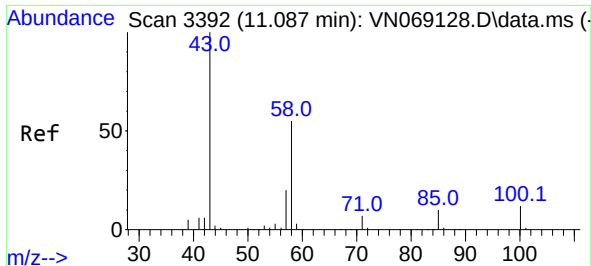


#58
4-Methyl-2-Pentanone
Concen: 10.446 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.003 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47

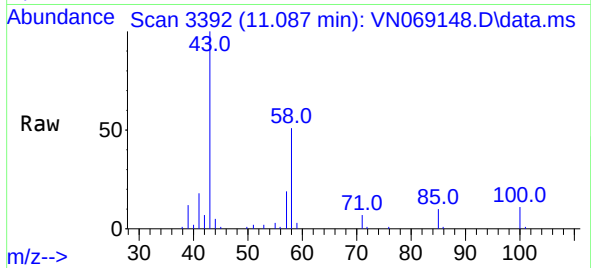


Tgt Ion: 43 Resp: 51095
Ion Ratio Lower Upper
43 100
58 38.7 30.0 45.0
85 18.6 15.0 22.6

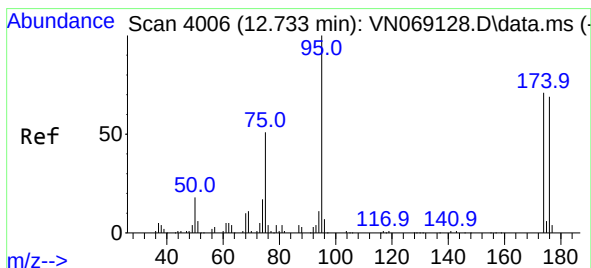
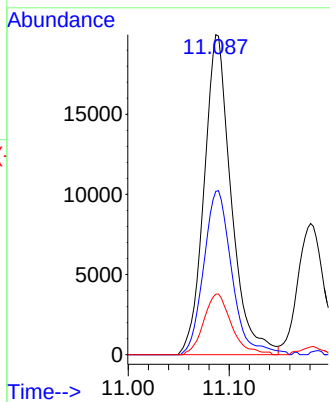
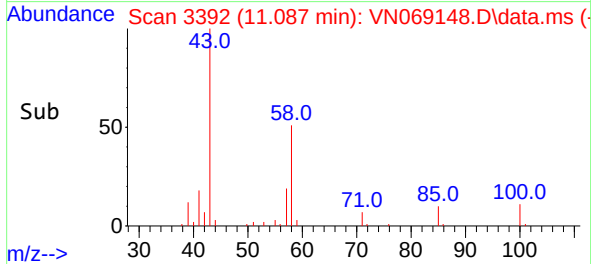




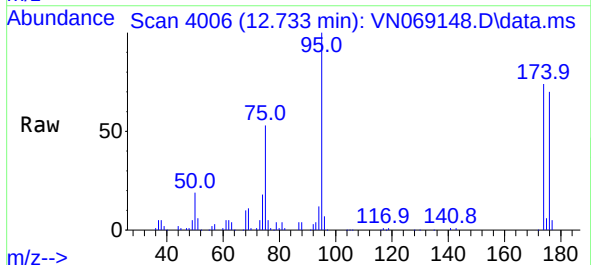
#59
2-Hexanone
Concen: 10.087 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. 0.000 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47



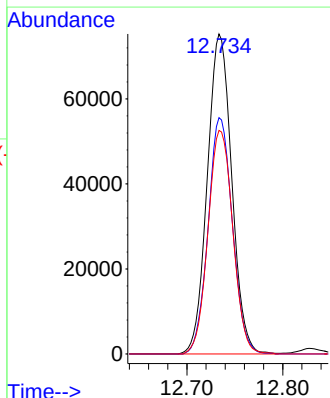
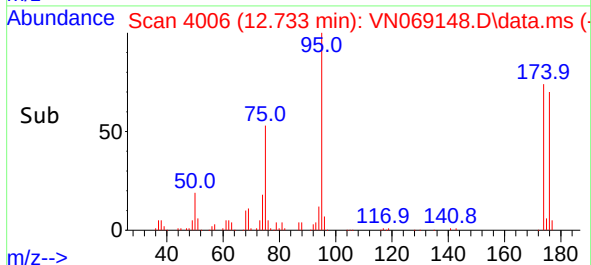
Tgt Ion: 43 Resp: 37259
Ion Ratio Lower Upper
43 100
58 51.8 42.2 63.2
57 19.3 15.0 22.4



#60
4-Bromofluorobenzene
Concen: 26.813 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47



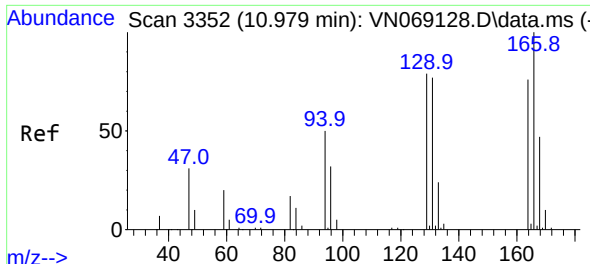
Tgt Ion: 95 Resp: 133301
Ion Ratio Lower Upper
95 100
174 73.3 62.9 94.3
176 70.9 61.0 91.4



Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2021

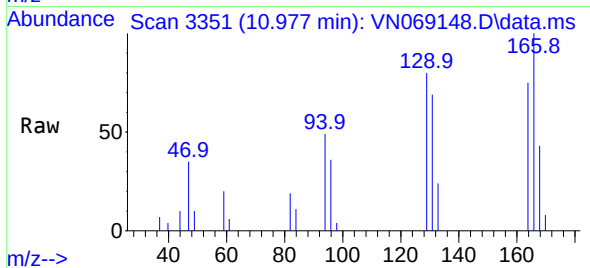
Manual Integrations
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#61
Tetrachloroethene
Concen: 2.307 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.003 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47

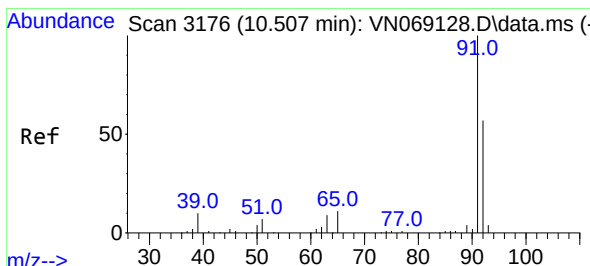
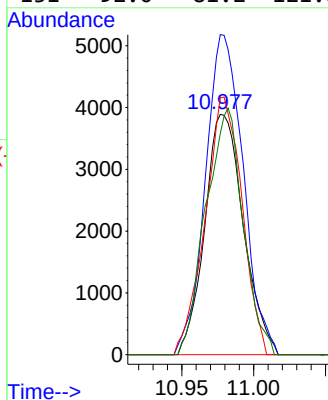
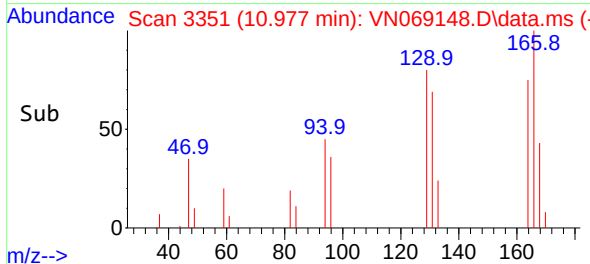
Instrument :
MSVOA_N
ClientSampleId :
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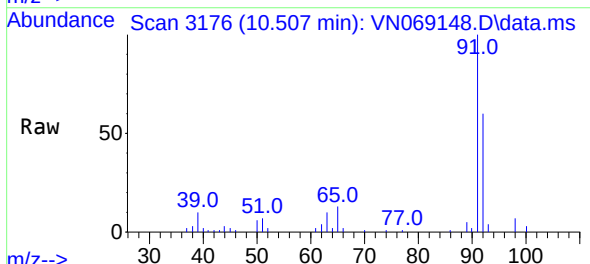
Tgt Ion:164 Resp: 7271
Ion Ratio Lower Upper
164 100
166 133.1 105.8 158.8
129 106.9 82.5 123.7
131 92.0 81.2 121.8

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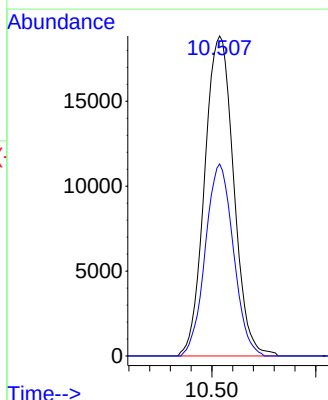
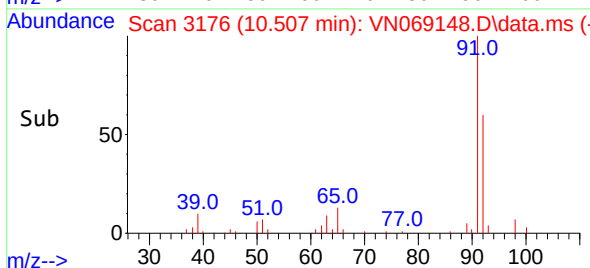
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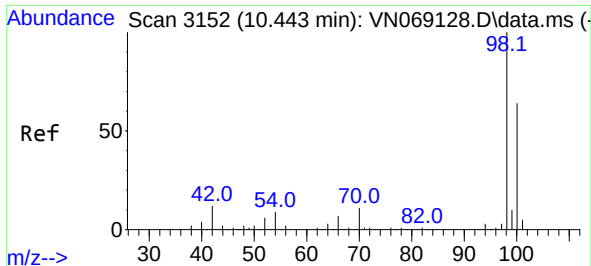


#62
Toluene
Concen: 2.168 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47



Tgt Ion: 91 Resp: 36621
Ion Ratio Lower Upper
91 100
92 58.0 44.6 67.0





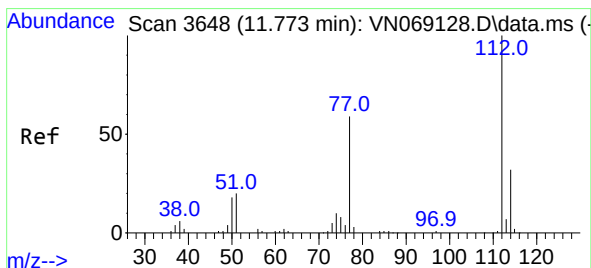
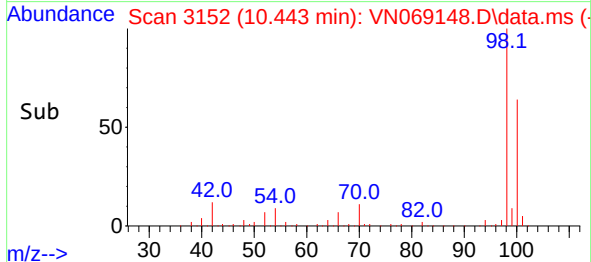
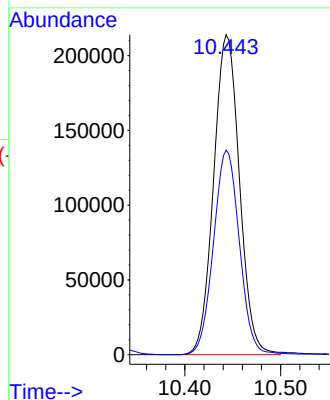
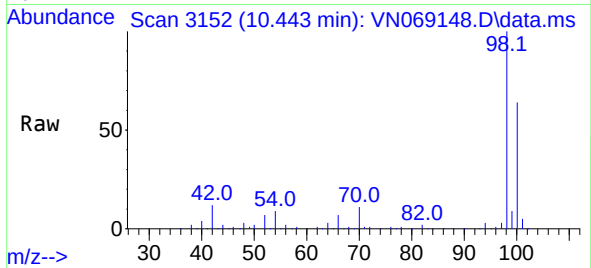
#63
Toluene-d8
Concen: 30.560 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47

Tgt Ion: 98 Resp: 400332
Ion Ratio Lower Upper
98 100
100 64.1 50.6 76.0

Instrument :
MSVOA_N
ClientSampleId :
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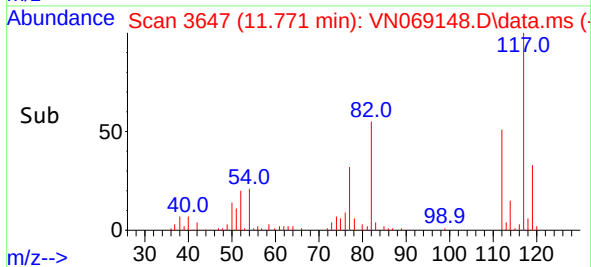
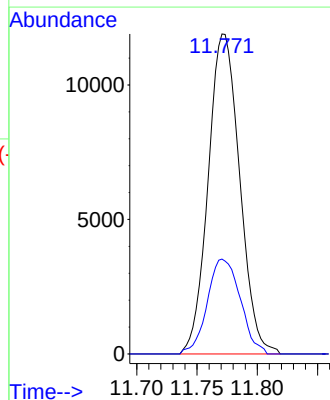
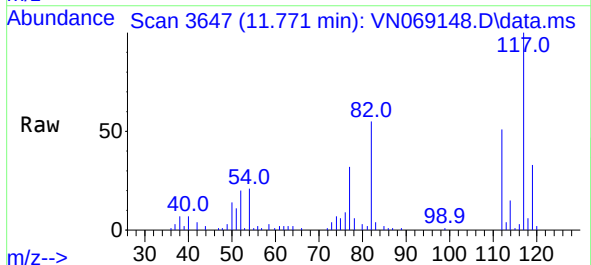
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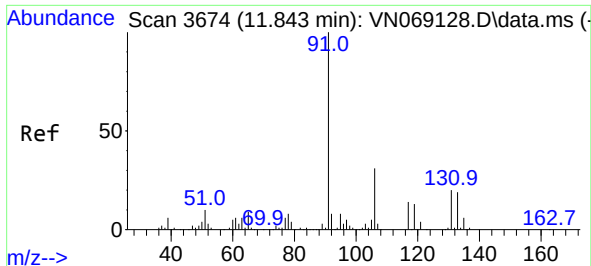
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#64
Chlorobenzene
Concen: 2.112 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.003 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47

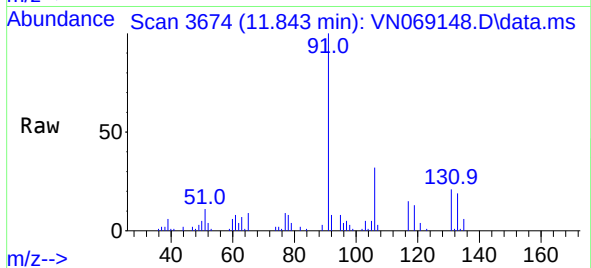
Tgt Ion: 112 Resp: 21633
Ion Ratio Lower Upper
112 100
114 29.7 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 2.011 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47

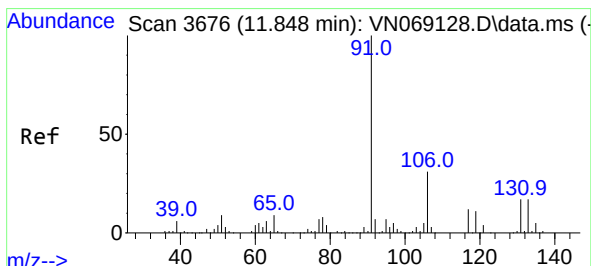
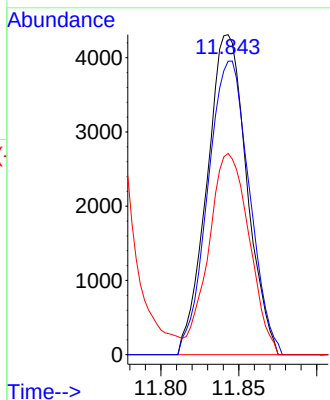
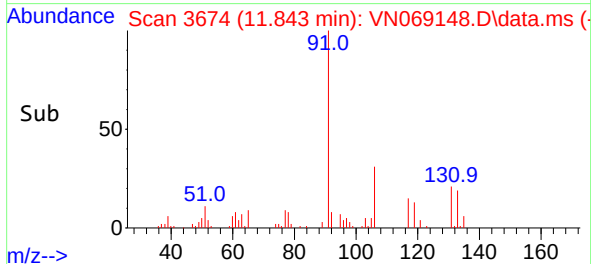
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2021



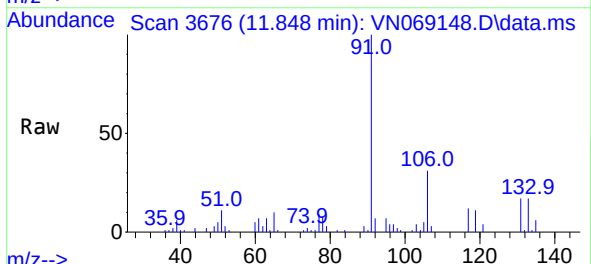
Tgt Ion:131 Resp: 7665
Ion Ratio Lower Upper
131 100
133 95.5 0.0 191.2
119 64.1 0.0 128.8

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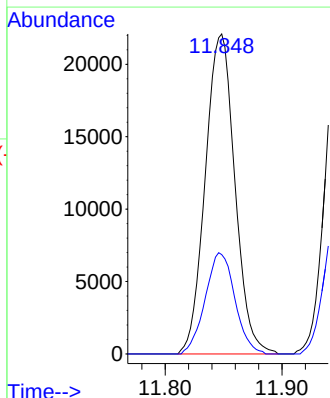
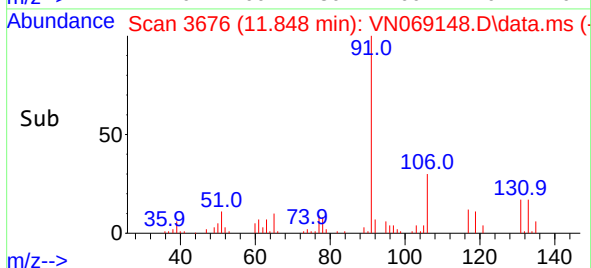
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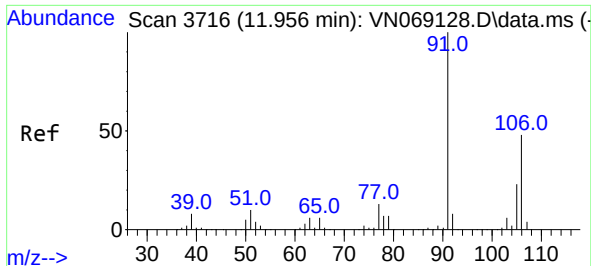


#66
Ethyl Benzene
Concen: 2.049 ug/l
RT: 11.848 min Scan# 3676
Delta R.T. 0.000 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47



Tgt Ion: 91 Resp: 38913
Ion Ratio Lower Upper
91 100
106 31.0 24.0 36.0





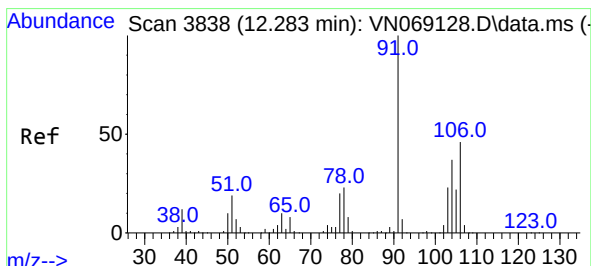
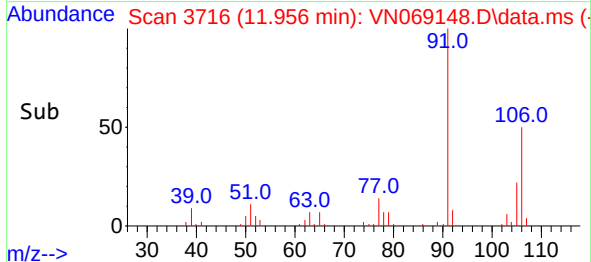
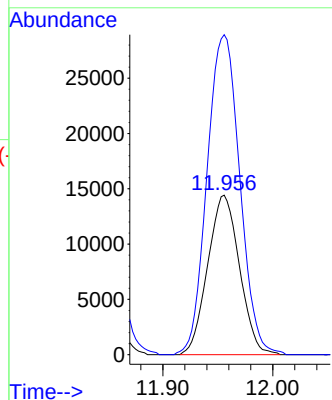
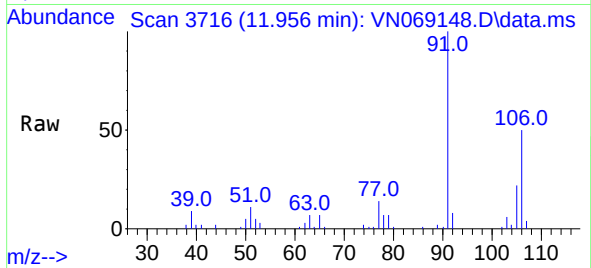
#67
m/p-Xylenes
Concen: 4.061 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.000 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47

Tgt Ion:106 Resp: 28998
Ion Ratio Lower Upper
106 100
91 206.4 162.9 244.3

Instrument :
MSVOA_N
ClientSampleId :
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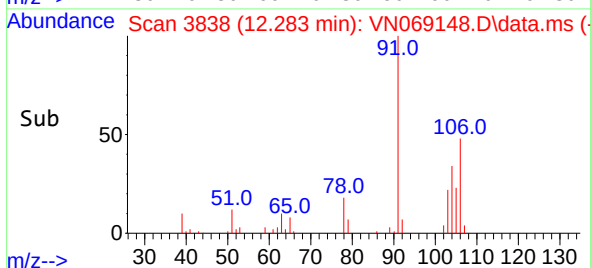
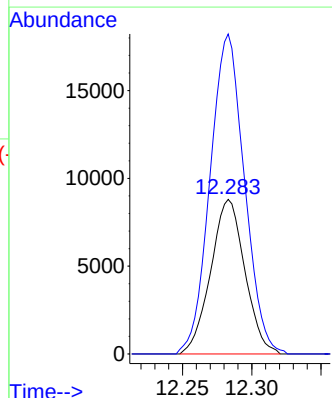
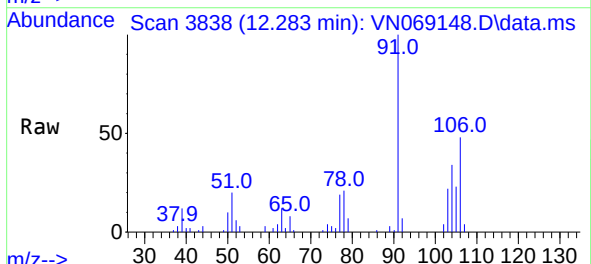
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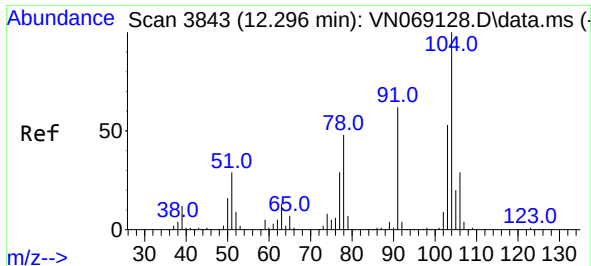
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#68
o-Xylene
Concen: 2.113 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47

Tgt Ion:106 Resp: 15110
Ion Ratio Lower Upper
106 100
91 207.8 107.7 323.1





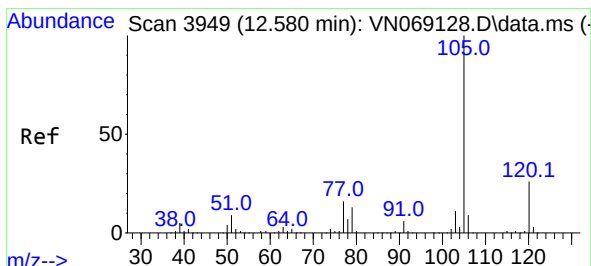
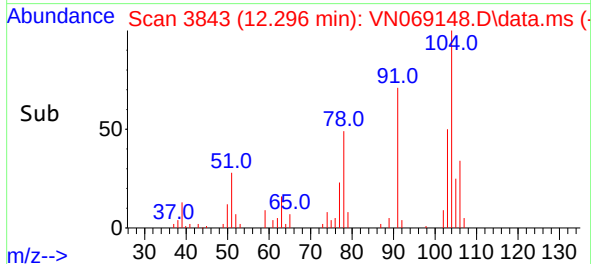
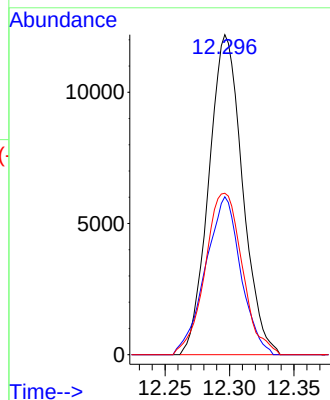
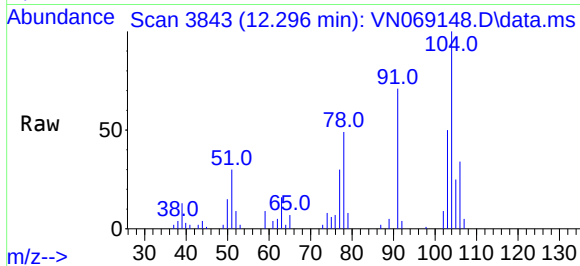
#69
Styrene
Concen: 1.871 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.000 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.6	40.7	61.1
103	55.6	45.8	68.8

Instrument :
MSVOA_N
ClientSampleId :
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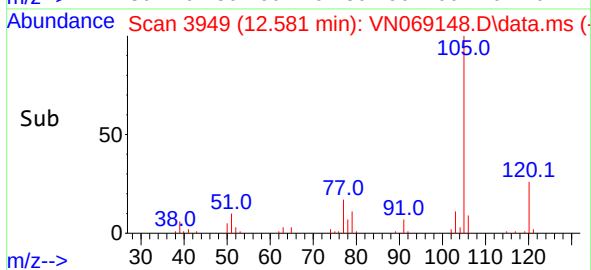
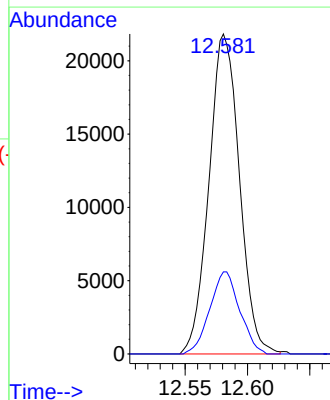
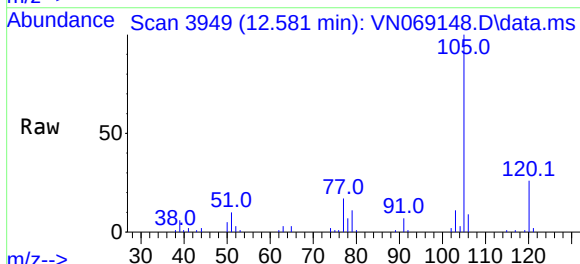
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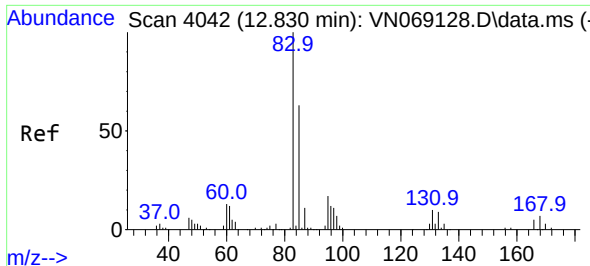
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#70
Isopropylbenzene
Concen: 1.982 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.1	18.3	34.1





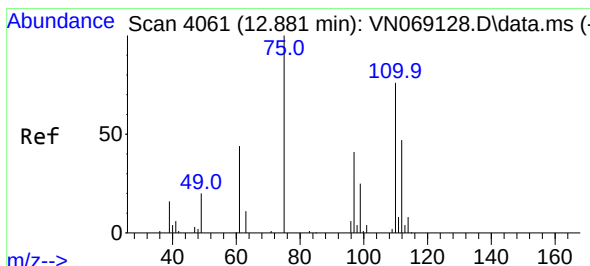
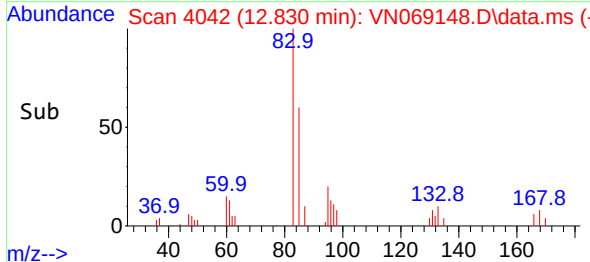
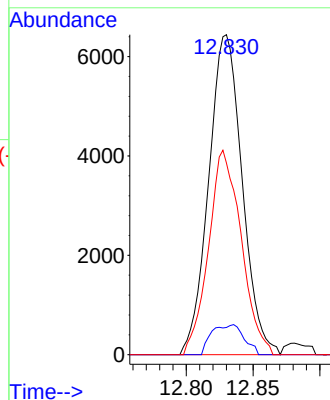
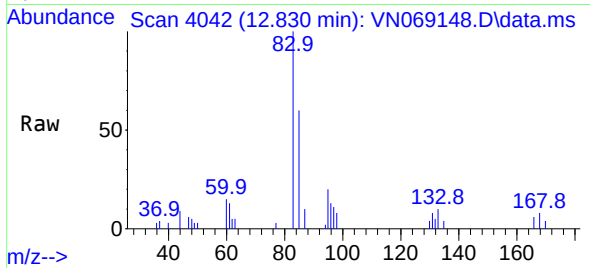
#71
1,1,2,2-Tetrachloroethane
Concen: 2.050 ug/l
RT: 12.830 min Scan# 4042
Delta R.T. 0.000 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47

Tgt Ion: 83 Resp: 11264
Ion Ratio Lower Upper
83 100
131 3.9 5.1 15.3#
85 62.2 33.1 99.2

Instrument :
MSVOA_N
ClientSampleId :
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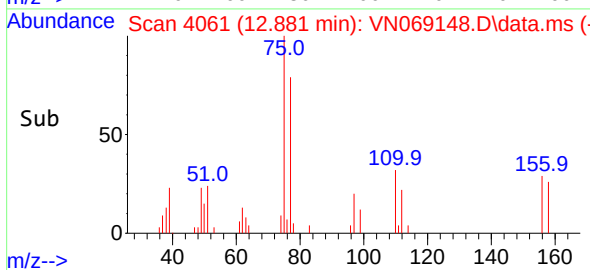
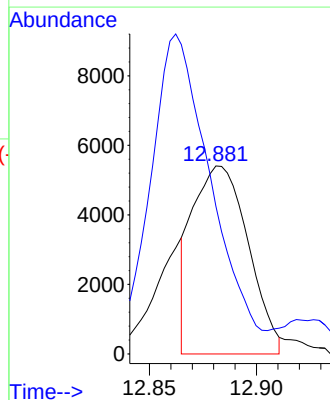
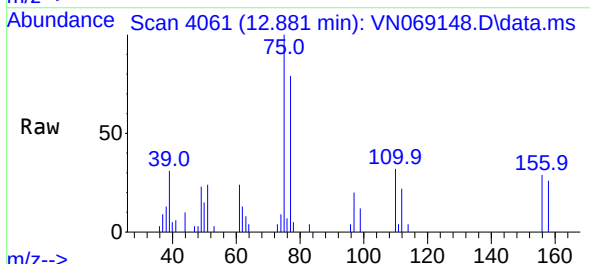
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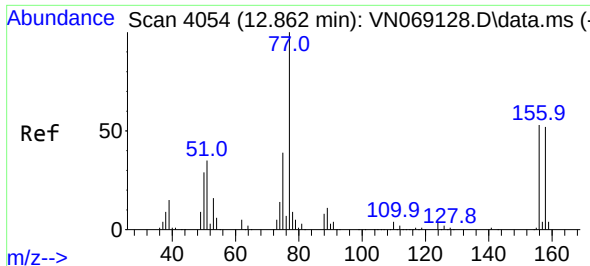
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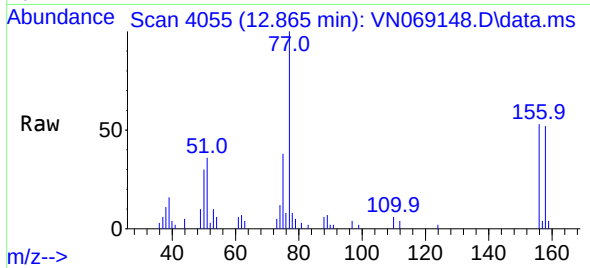
#72
1,2,3-Trichloropropane
Concen: 2.065 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47

Tgt Ion: 75 Resp: 9746
Ion Ratio Lower Upper
75 100
77 187.5 0.0 378.0

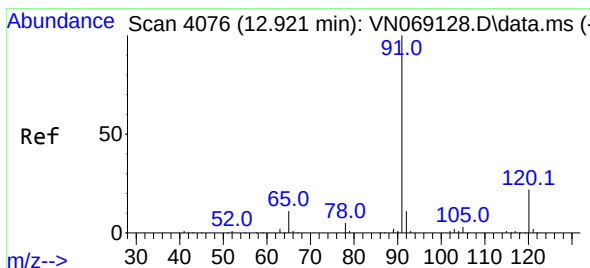
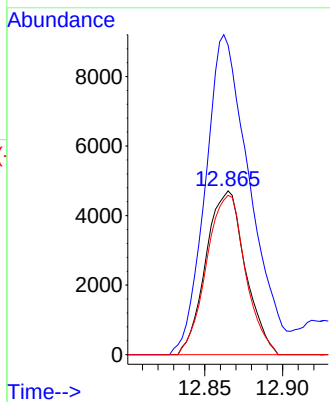
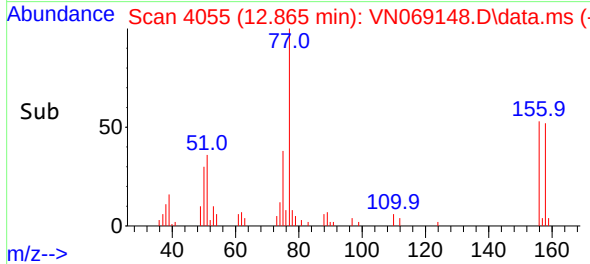




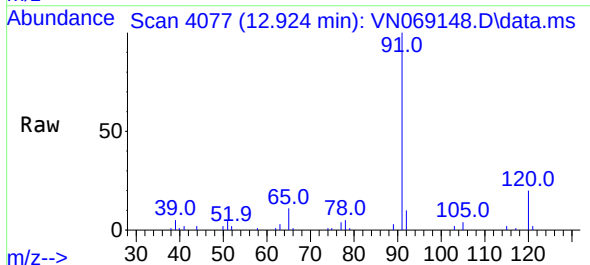
#73
Bromobenzene
Concen: 1.952 ug/l
RT: 12.865 min Scan# 4055
Delta R.T. 0.003 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47



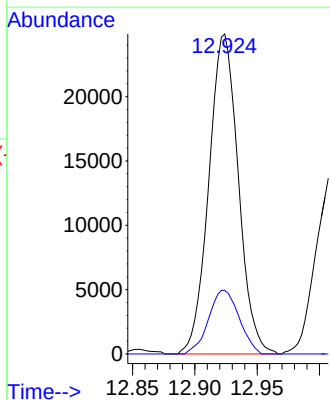
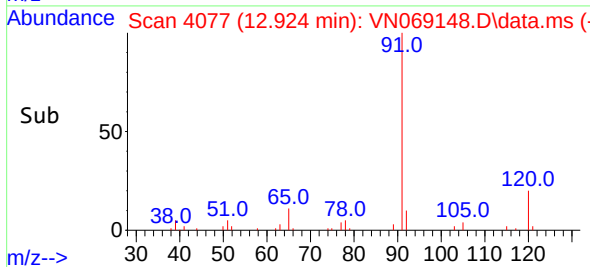
Tgt Ion:156 Resp: 8293
Ion Ratio Lower Upper
156 100
77 220.3 0.0 416.0
158 95.8 0.0 195.4



#74
n-propylbenzene
Concen: 1.905 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. 0.003 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47



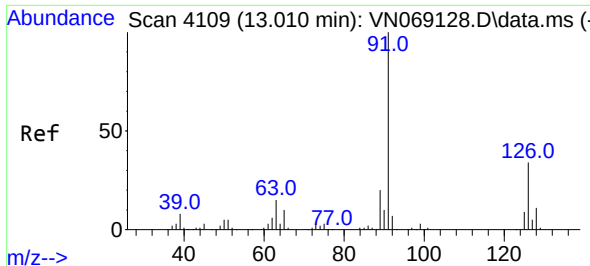
Tgt Ion: 91 Resp: 40997
Ion Ratio Lower Upper
91 100
120 20.6 0.0 45.0



Instrument :
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ClientSampleId :
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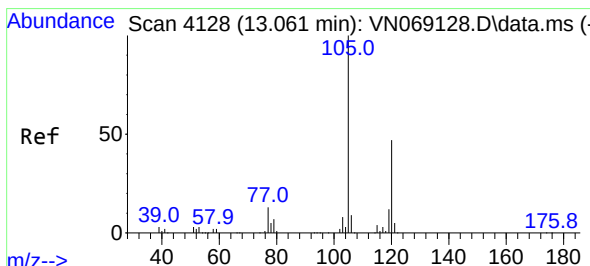
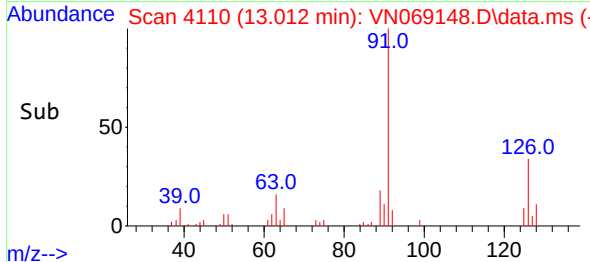
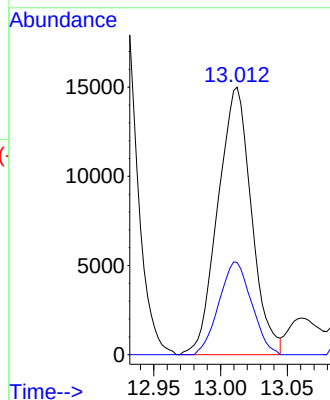
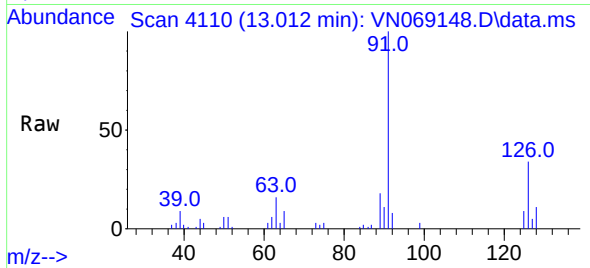
#75
2-Chlorotoluene
Concen: 1.992 ug/l
RT: 13.012 min Scan# 4110
Delta R.T. 0.003 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47

Tgt Ion: 91 Resp: 26259
Ion Ratio Lower Upper
91 100
126 33.7 0.0 69.8

Instrument :
MSVOA_N
ClientSampleId :
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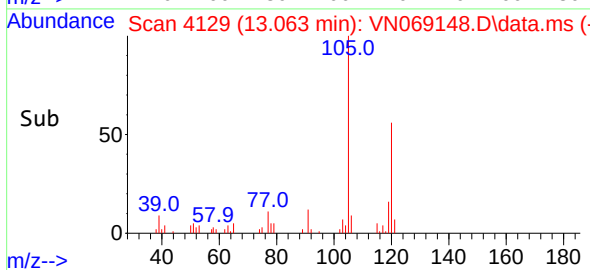
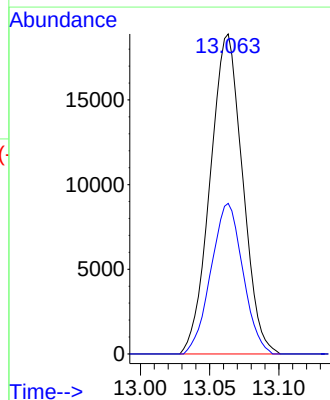
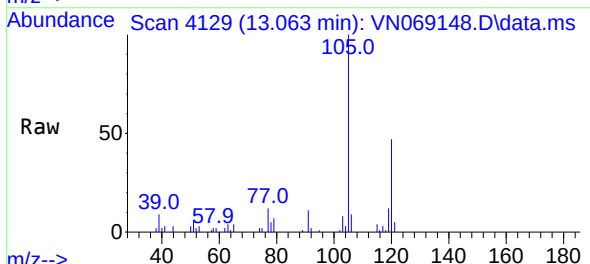
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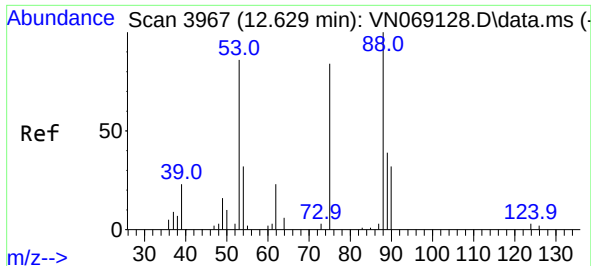
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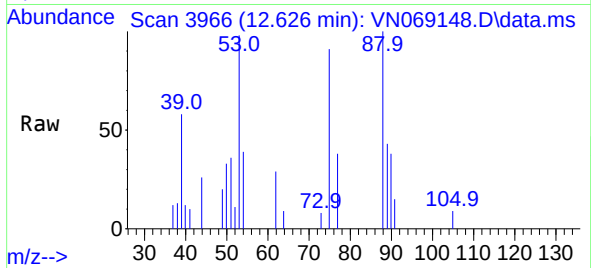
#76
1,3,5-Trimethylbenzene
Concen: 1.969 ug/l
RT: 13.063 min Scan# 4129
Delta R.T. 0.003 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47

Tgt Ion: 105 Resp: 30765
Ion Ratio Lower Upper
105 100
120 46.4 0.0 93.8

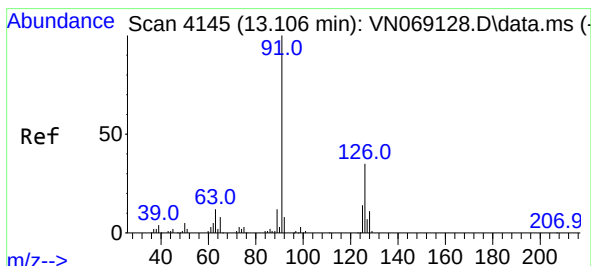
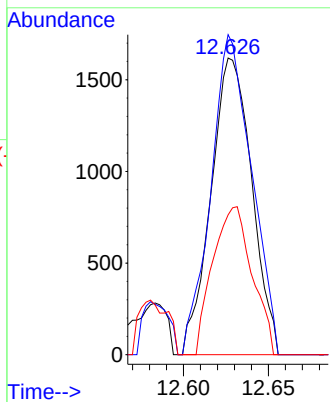
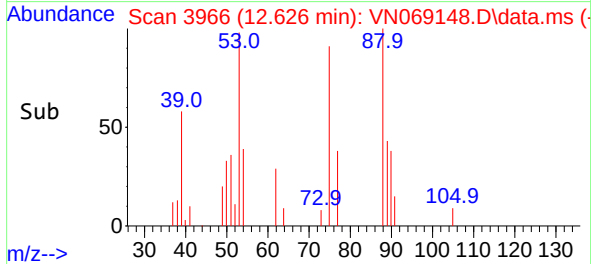




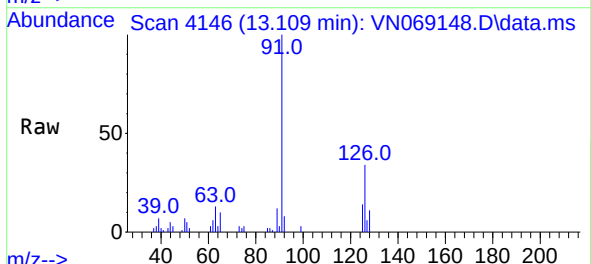
#77
t-1,4-Dichloro-2-butene
Concen: 1.468 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. -0.003 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47



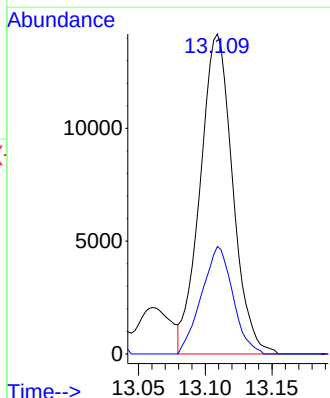
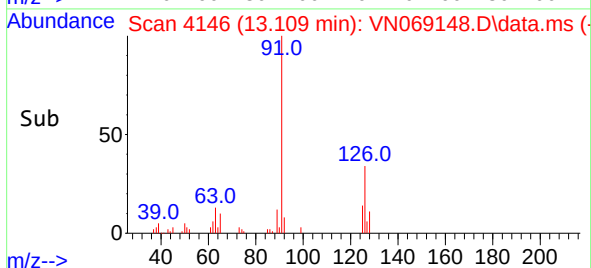
Tgt Ion: 75 Resp: 2711
Ion Ratio Lower Upper
75 100
53 107.8 51.8 155.5
89 47.1 22.9 68.7



#78
4-Chlorotoluene
Concen: 1.856 ug/l
RT: 13.109 min Scan# 4146
Delta R.T. 0.003 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47



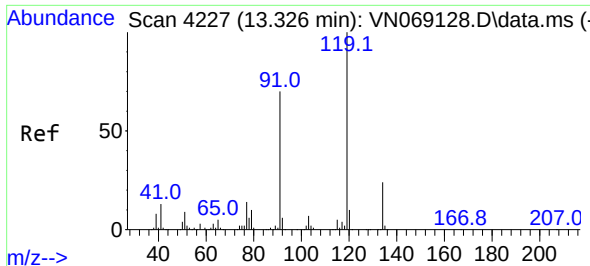
Tgt Ion: 91 Resp: 23973
Ion Ratio Lower Upper
91 100
126 32.3 0.0 70.6



Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2021

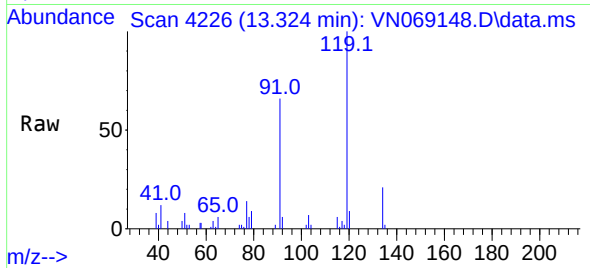
Manual Integrations
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#79
tert-butylbenzene
Concen: 1.983 ug/l
RT: 13.324 min Scan# 4226
Delta R.T. -0.003 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47

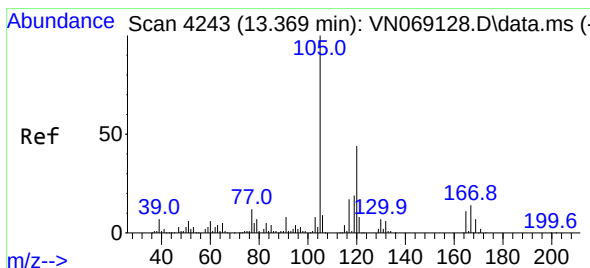
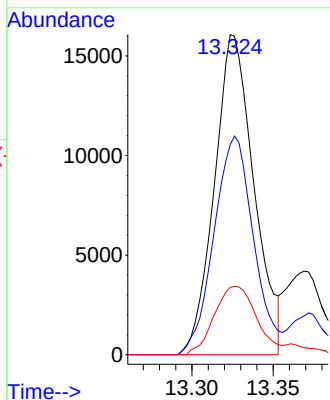
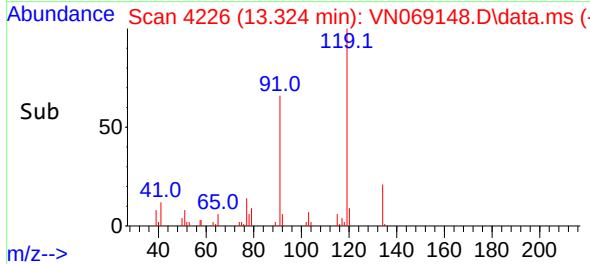
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2021



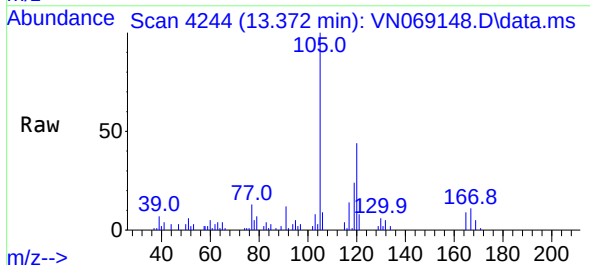
Tgt Ion:119 Resp: 27199
Ion Ratio Lower Upper
119 100
91 68.6 0.0 137.0
134 22.8 0.0 47.6

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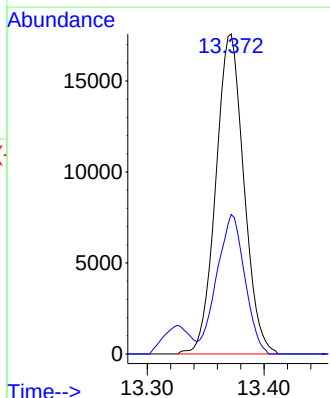
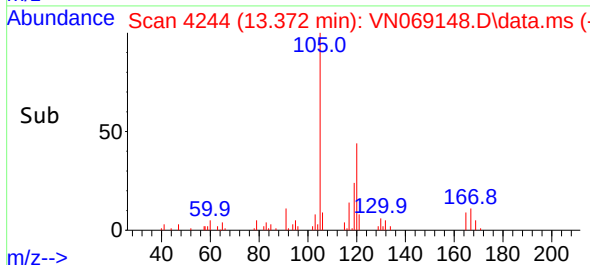
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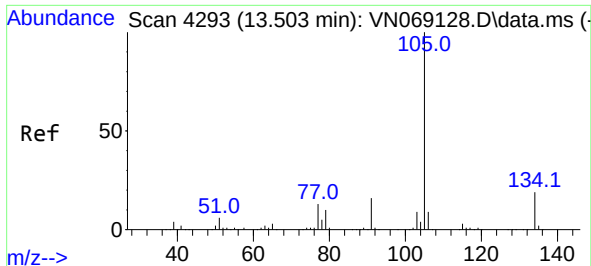


#80
1,2,4-Trimethylbenzene
Concen: 1.911 ug/l
RT: 13.372 min Scan# 4244
Delta R.T. 0.003 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47



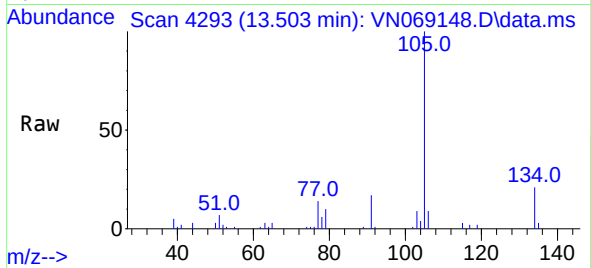
Tgt Ion:105 Resp: 29305
Ion Ratio Lower Upper
105 100
120 43.6 0.0 0.2#





#81
sec-Butylbenzene
Concen: 1.842 ug/l
RT: 13.503 min Scan# 4293
Delta R.T. 0.000 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47

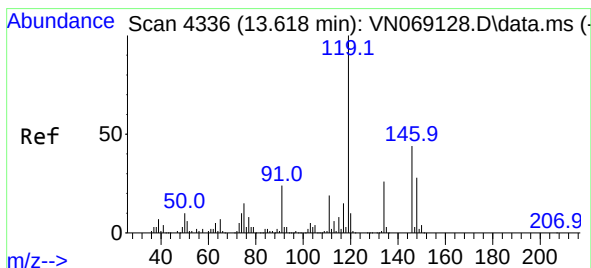
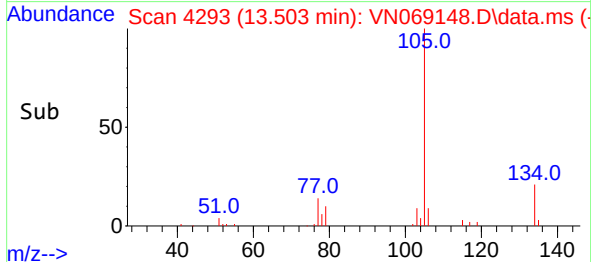
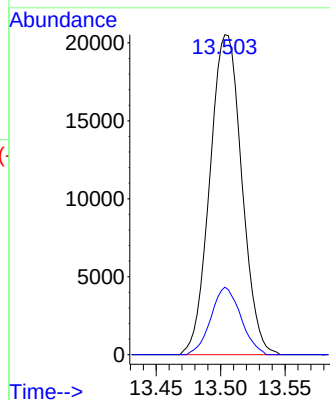
Instrument :
MSVOA_N
ClientSampleId :
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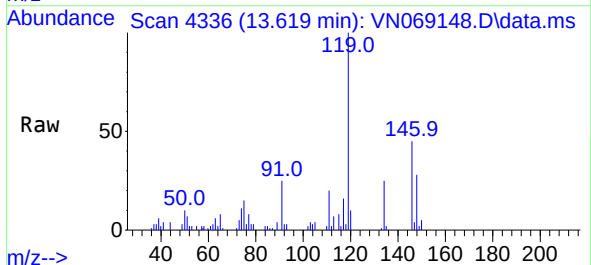
Tgt Ion:105 Resp: 35363
Ion Ratio Lower Upper
105 100
134 19.7 0.0 39.4

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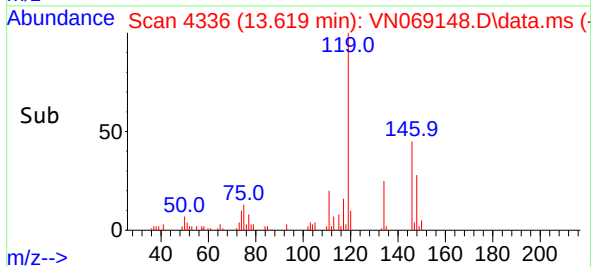
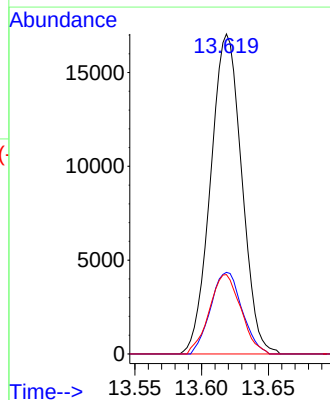
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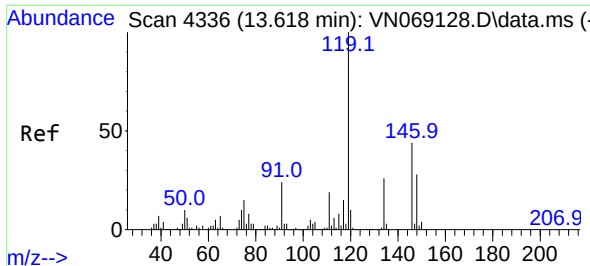


#82
p-Isopropyltoluene
Concen: 1.766 ug/l
RT: 13.619 min Scan# 4336
Delta R.T. 0.000 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47

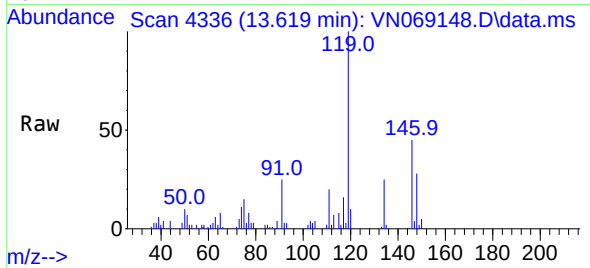


Tgt Ion:119 Resp: 27666
Ion Ratio Lower Upper
119 100
134 25.8 0.0 51.8
91 25.1 0.0 50.4

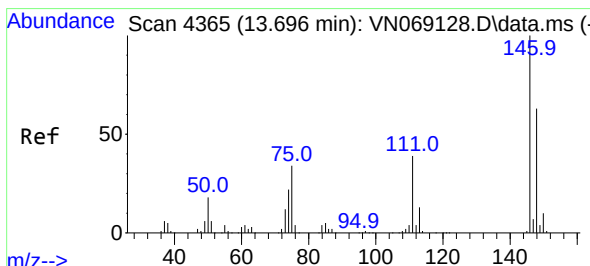
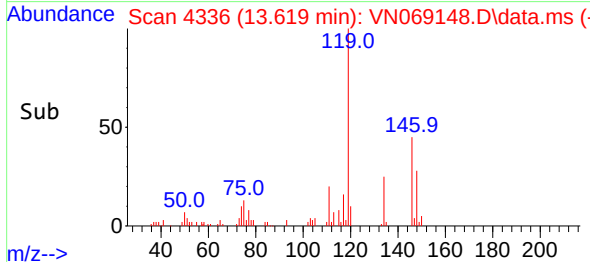
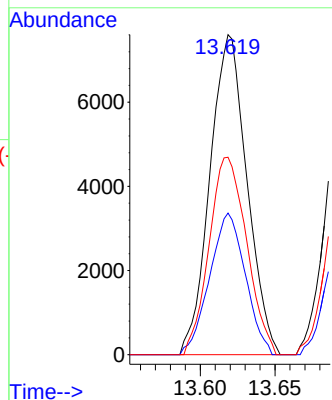




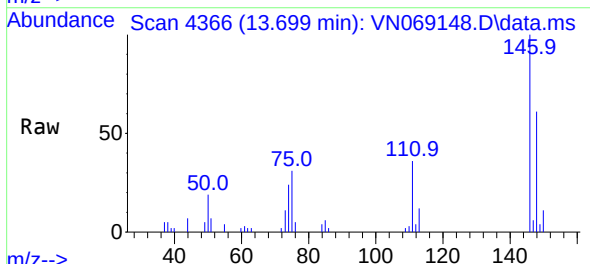
#83
1,3-Dichlorobenzene
Concen: 1.753 ug/l
RT: 13.619 min Scan# 4336
Delta R.T. 0.000 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47



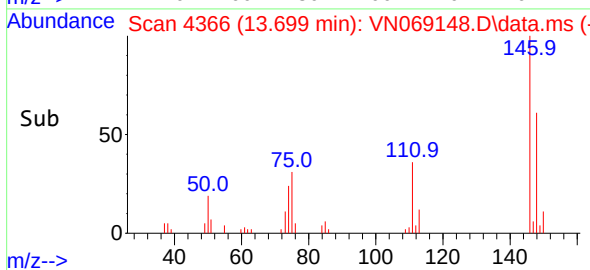
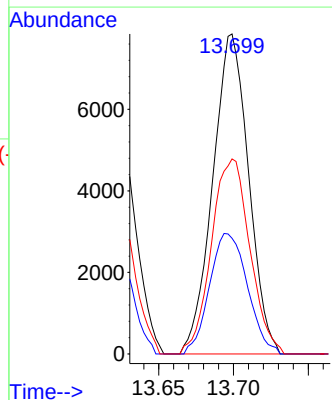
Tgt Ion:146 Resp: 13109
Ion Ratio Lower Upper
146 100
111 42.7 20.8 62.2
148 62.7 31.4 94.3



#84
1,4-Dichlorobenzene
Concen: 1.801 ug/l
RT: 13.699 min Scan# 4366
Delta R.T. 0.003 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47



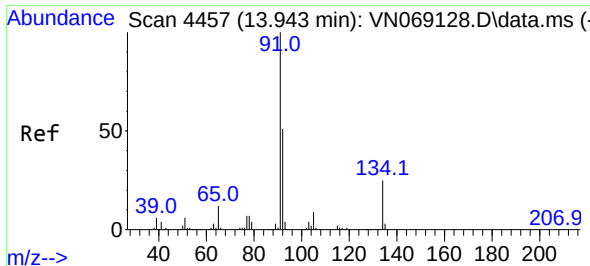
Tgt Ion:146 Resp: 13115
Ion Ratio Lower Upper
146 100
111 39.7 19.5 58.5
148 65.3 31.1 93.5



Instrument :
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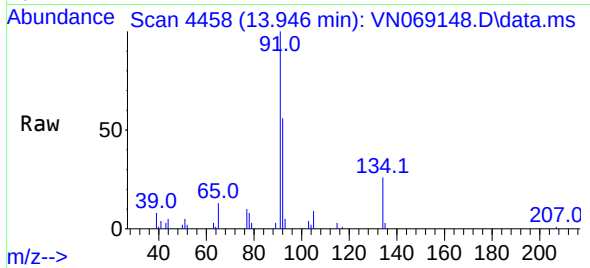
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#85
n-Butylbenzene
Concen: 1.625 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. 0.003 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47

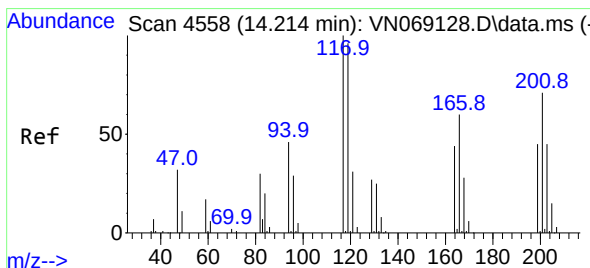
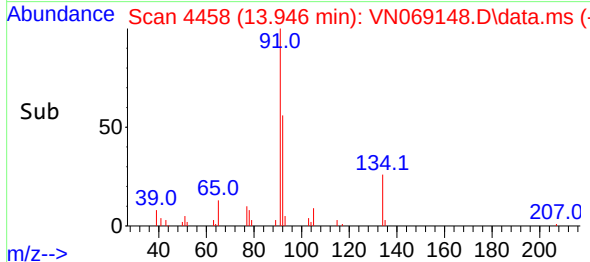
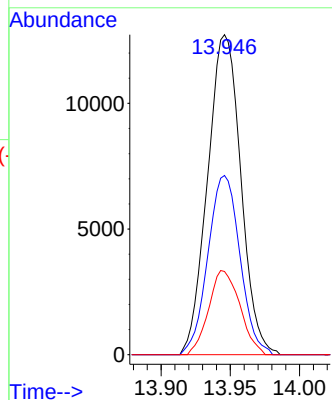
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2021



Tgt Ion: 91 Resp: 21289
Ion Ratio Lower Upper
91 100
92 54.0 0.0 100.6
134 24.7 0.0 50.2

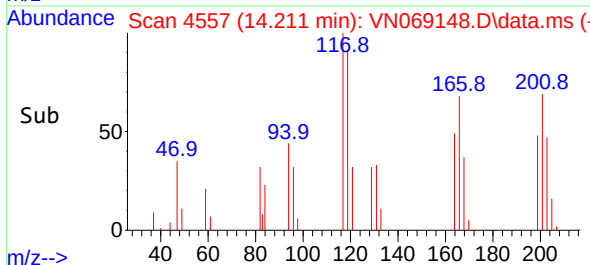
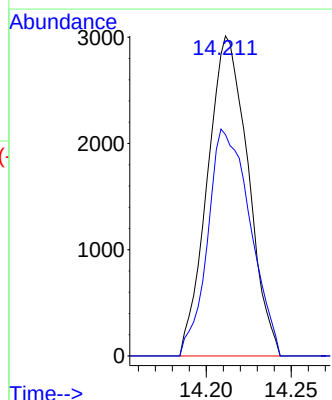
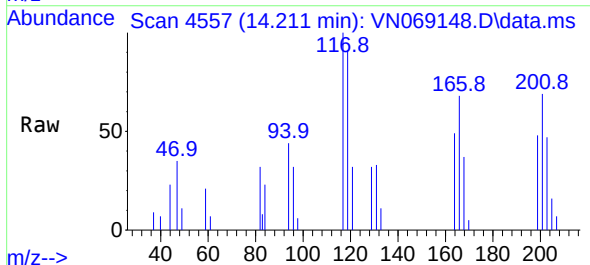
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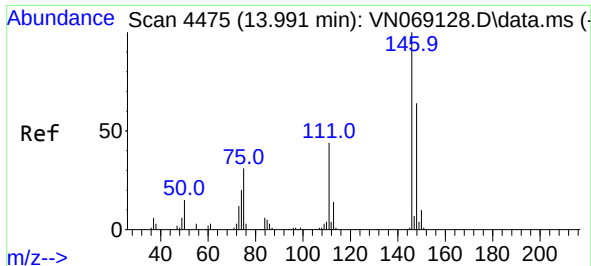
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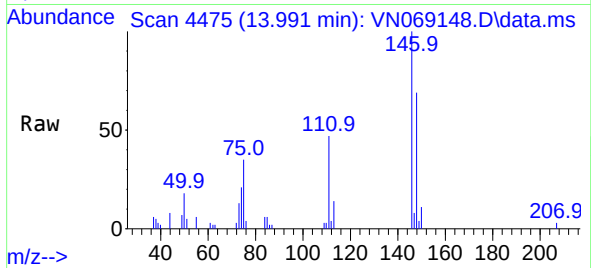
#86
Hexachloroethane
Concen: 1.703 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. -0.003 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47

Tgt Ion: 117 Resp: 4993
Ion Ratio Lower Upper
117 100
201 74.5 33.3 99.8

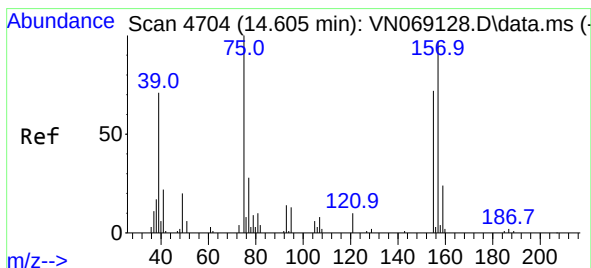
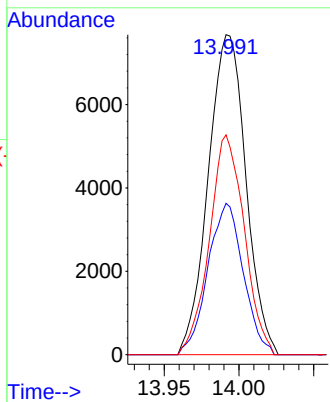
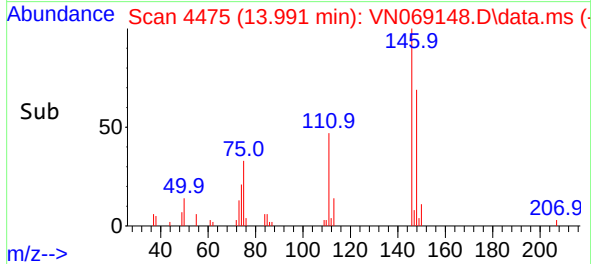




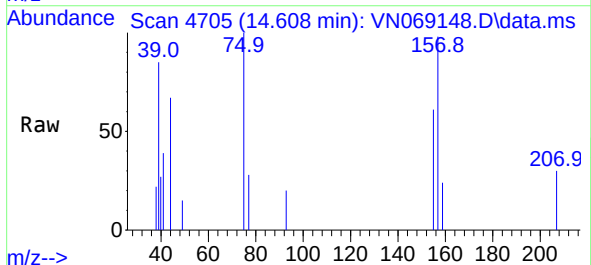
#87
1,2-Dichlorobenzene
Concen: 1.883 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. 0.000 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47



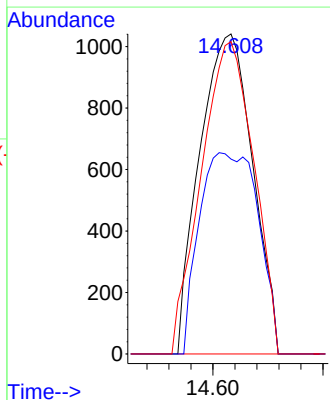
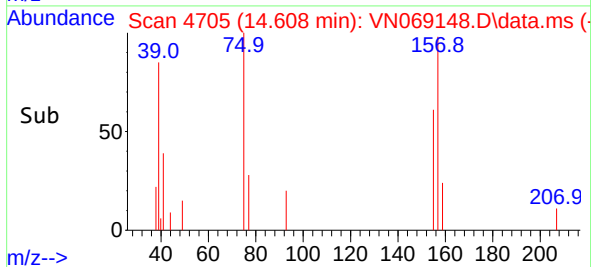
Tgt Ion: 146 Resp: 13460
Ion Ratio Lower Upper
146 100
111 44.6 21.4 64.2
148 63.6 32.5 97.4



#88
1,2-Dibromo-3-Chloropropane
Concen: 1.699 ug/l
RT: 14.608 min Scan# 4705
Delta R.T. 0.003 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47



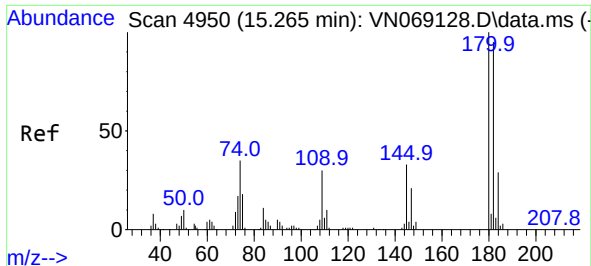
Tgt Ion: 75 Resp: 1739
Ion Ratio Lower Upper
75 100
155 45.1 63.8 95.8#
157 96.9 77.9 116.9



Instrument :
MSVOA_N
ClientSampleId :
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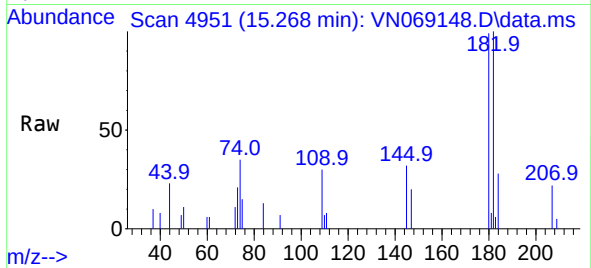
Manual Integrations
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#89
1,2,4-Trichlorobenzene
Concen: 1.368 ug/l
RT: 15.268 min Scan# 4951
Delta R.T. 0.003 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47

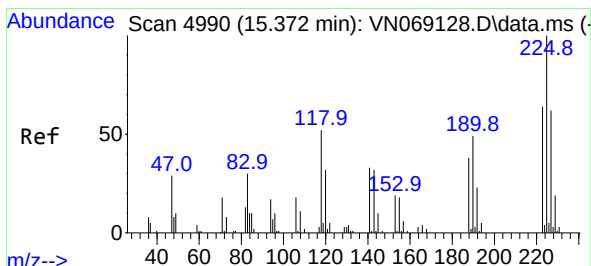
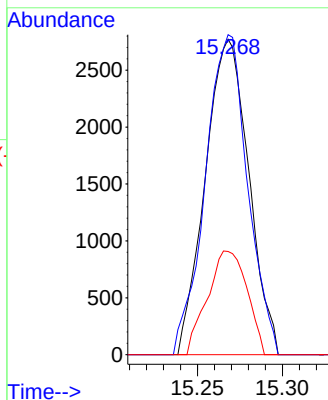
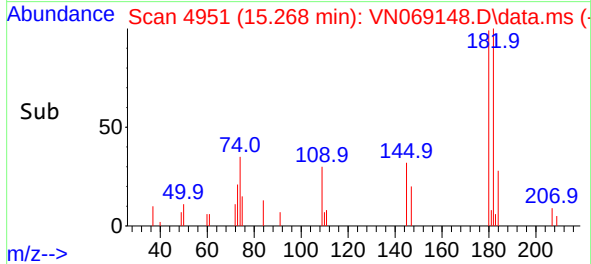
Instrument :
MSVOA_N
ClientSampleId :
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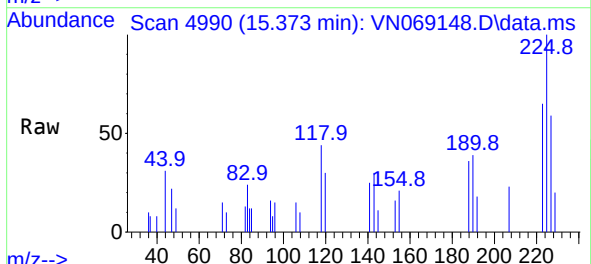
Tgt Ion:180 Resp: 4929
Ion Ratio Lower Upper
180 100
182 98.9 77.7 116.5
145 29.9 26.6 39.8

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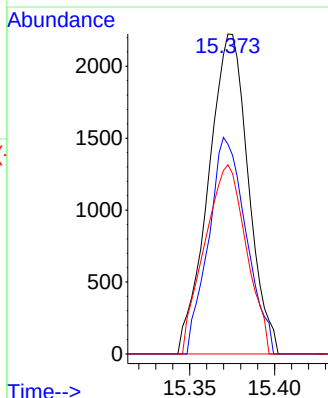
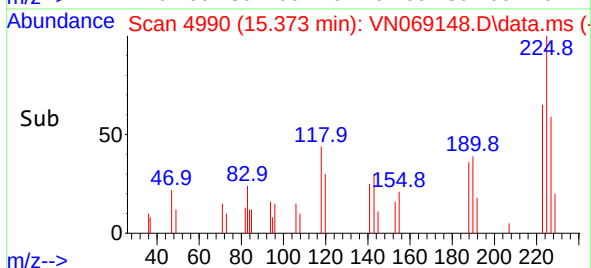
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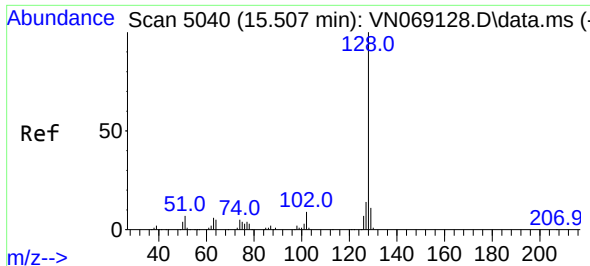


#90
Hexachlorobutadiene
Concen: 1.931 ug/l
RT: 15.373 min Scan# 4990
Delta R.T. 0.000 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47



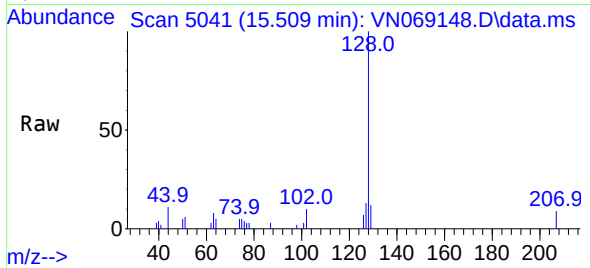
Tgt Ion:225 Resp: 3637
Ion Ratio Lower Upper
225 100
223 63.9 0.0 126.8
227 61.5 0.0 123.0





#91
Naphthalene
Concen: 1.226 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.003 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47

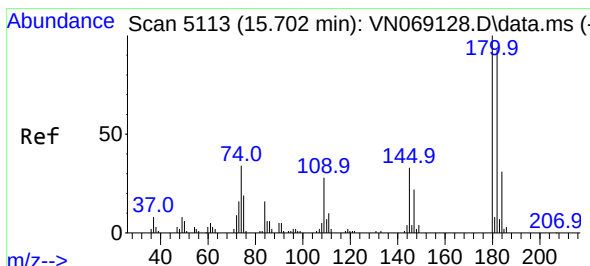
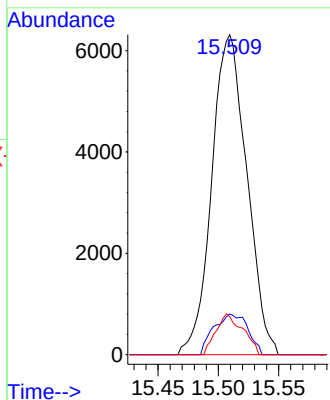
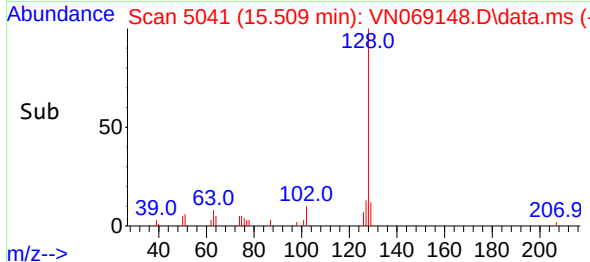
Instrument :
MSVOA_N
ClientSampleId :
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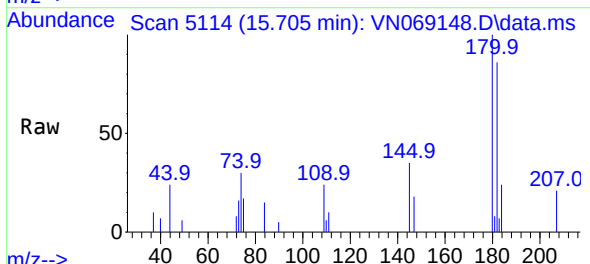
Tgt Ion:128 Resp: 12776
Ion Ratio Lower Upper
128 100
127 8.2 10.7 16.1#
129 9.7 9.0 13.6

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#92
1,2,3-Trichlorobenzene
Concen: 1.495 ug/l
RT: 15.705 min Scan# 5114
Delta R.T. 0.003 min
Lab File: VN069148.D
Acq: 25 Oct 2021 12:47



Tgt Ion:180 Resp: 5147
Ion Ratio Lower Upper
180 100
182 89.9 0.0 190.0
145 30.6 0.0 67.8

