

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061621\
 Data File : VN067365.D
 Acq On : 16 Jun 2021 16:03
 Operator : JC/MD
 Sample : M2262-07 2.5PPB LOD
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2021

Manual Integrations
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Quant Time: Jun 17 04:19:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N061121W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jun 12 09:13:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.659	128	64605	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.971	114	395432	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.749	117	346796	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.437	65	205226	30.23	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.77%			
60) 4-Bromofluorobenzene	12.734	95	185070	27.64	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 92.13%			
63) Toluene-d8	10.443	98	512755	31.00	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 103.33%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	11692	2.43	ug/l	98
3) Chloromethane	2.303	50	13166	2.55	ug/l	97
4) Vinyl Chloride	2.446	62	11475	2.25	ug/l	94
5) Bromomethane	2.853	94	7678m	3.00	ug/l	
6) Chloroethane	3.025	64	7718m	2.59	ug/l	
7) Trichlorofluoromethane	3.368	101	15778	2.32	ug/l	89
8) Diethyl Ether	3.816	74	6725m	2.42	ug/l	
9) 1,1,2-Trichlorotrifluo...	4.205	101	10154m	2.52	ug/l	
10) 1,1-Dichloroethene	4.173	96	9368m	2.39	ug/l	
11) Methyl Iodide	4.417	142	7882m	1.67	ug/l	
12) Methyl Acetate	4.870	43	15558m	2.68	ug/l	
13) Acrolein	4.039	56	9405m	13.58	ug/l	
14) Acrylonitrile	5.557	53	28242	11.59	ug/l	94
15) Acetone	4.291	58	8396m	13.77	ug/l	
16) Carbon Disulfide	4.521	76	31356	2.53	ug/l	96
17) Allyl chloride	4.846	41	20825m	2.45	ug/l	
18) Methylene Chloride	5.090	84	14905	3.10	ug/l	87
19) trans-1,2-Dichloroethene	5.597	96	10721	2.51	ug/l	82
20) Diisopropyl ether	6.495	45	36923	2.23	ug/l #	90
21) 1,1-Dichloroethane	6.388	63	22075m	2.41	ug/l	
22) cis-1,2-Dichloroethene	7.324	96	12386m	2.44	ug/l	
23) tert-Butyl Alcohol	5.390	59	13131m	12.15	ug/l	
24) Methyl tert-Butyl Ether	5.621	73	38433	2.31	ug/l	98
25) Chloroform	7.818	83	22076	2.36	ug/l	95
26) Cyclohexane	8.094	56	21006	2.65	ug/l #	96
29) 1,1-Dichloropropene	8.220	75	16908	2.39	ug/l	69
30) 2-Butanone	7.348	43	44143	12.15	ug/l #	75
31) 2,2-Dichloropropane	7.324	77	21867	2.88	ug/l #	82
32) 1,1,1-Trichloroethane	8.016	97	19636	2.18	ug/l	98
33) Carbon Tetrachloride	8.204	117	15634m	2.07	ug/l	
34) Benzene	8.464	78	47175	2.37	ug/l #	67
35) Methacrylonitrile	7.638	41	9739m	2.49	ug/l	
36) 1,2-Dichloroethane	8.534	62	19253	2.27	ug/l #	85
37) Trichloroethene	9.215	130	11520	2.44	ug/l	92
38) Methylcyclohexane	9.459	83	20104	2.76	ug/l	97
39) 1,2-Dichloropropane	9.494	63	12747	2.37	ug/l	99
40) Dibromomethane	9.577	93	8182	2.22	ug/l	73
41) Bromodichloromethane	9.767	83	17523m	2.20	ug/l	
42) Vinyl Acetate	6.436	43	170670m	11.16	ug/l	

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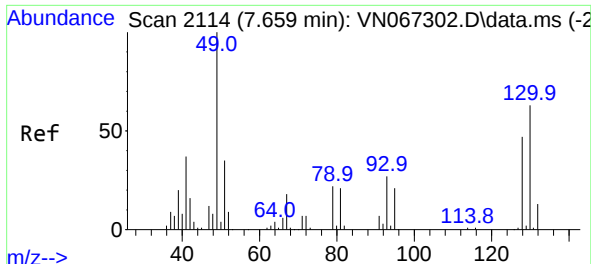
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.423	43	19408m	2.63	ug/l	
44) Isopropyl Acetate	8.566	43	31086	2.27	ug/l	91
45) 1,4-Dioxane	9.577	88	3990	44.85	ug/l #	85
46) Methyl methacrylate	9.564	41	12679	2.09	ug/l	93
47) n-amyl Acetate	12.390	43	22737	1.96	ug/l	96
48) t-1,3-Dichloropropene	10.722	75	18537	2.11	ug/l	90
49) cis-1,3-Dichloropropene	10.191	75	20571	2.33	ug/l #	91
50) 1,1,2-Trichloroethane	10.902	97	10720	2.24	ug/l	96
51) Ethyl methacrylate	10.765	69	18283	2.09	ug/l	94
52) 1,3-Dichloropropane	11.049	76	19478	2.23	ug/l	98
53) Dibromochloromethane	11.242	129	10233	1.92	ug/l	95
54) 1,2-Dibromoethane	11.350	107	10766	2.15	ug/l	99
55) 2-Chloroethyl vinyl ether	10.046	63	21112	9.51	ug/l	98
56) Bromoform	12.460	173	5530	1.53	ug/l #	90
58) 4-Methyl-2-Pentanone	10.336	43	85591	11.23	ug/l	100
59) 2-Hexanone	11.090	43	62005	11.25	ug/l	100
61) Tetrachloroethene	10.980	164	10480	2.61	ug/l	95
62) Toluene	10.508	91	50015	2.41	ug/l	100
64) Chlorobenzene	11.773	112	28217	2.31	ug/l	95
65) 1,1,1,2-Tetrachloroethane	11.846	131	10189	2.21	ug/l	93
66) Ethyl Benzene	11.849	91	56232	2.33	ug/l	96
67) m/p-Xylenes	11.956	106	39210	4.61	ug/l	100
68) o-Xylene	12.286	106	20141	2.37	ug/l	96
69) Styrene	12.299	104	30491	2.14	ug/l	99
70) Isopropylbenzene	12.583	105	50482	2.31	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.830	83	15233	2.29	ug/l #	97
72) 1,2,3-Trichloropropane	12.884	75	16599m	2.50	ug/l	
73) Bromobenzene	12.865	156	9814	2.16	ug/l	97
74) n-propylbenzene	12.924	91	60993	2.32	ug/l	98
75) 2-Chlorotoluene	13.013	91	36847	2.21	ug/l #	100
76) 1,3,5-Trimethylbenzene	13.061	105	42718	2.31	ug/l	100
77) t-1,4-Dichloro-2-butene	12.629	75	4858	2.10	ug/l	81
78) 4-Chlorotoluene	13.106	91	37031	2.24	ug/l	99
79) tert-butylbenzene	13.326	119	33180	2.23	ug/l	95
80) 1,2,4-Trimethylbenzene	13.369	105	38774	2.12	ug/l #	65
81) sec-Butylbenzene	13.503	105	48552	2.35	ug/l	100
82) p-Isopropyltoluene	13.619	119	39143	2.35	ug/l	99
83) 1,3-Dichlorobenzene	13.619	146	19419	2.37	ug/l	93
84) 1,4-Dichlorobenzene	13.699	146	17499	2.13	ug/l	99
85) n-Butylbenzene	13.946	91	37706	2.43	ug/l	99
86) Hexachloroethane	14.214	117	6557	1.92	ug/l	93
87) 1,2-Dichlorobenzene	13.989	146	16832	2.10	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	14.608	75	3018	1.79	ug/l #	69
89) 1,2,4-Trichlorobenzene	15.271	180	7600	1.87	ug/l	95
90) Hexachlorobutadiene	15.375	225	4473	2.07	ug/l	95
91) Naphthalene	15.509	128	23809	1.74	ug/l	98
92) 1,2,3-Trichlorobenzene	15.708	180	7125	1.80	ug/l	84

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



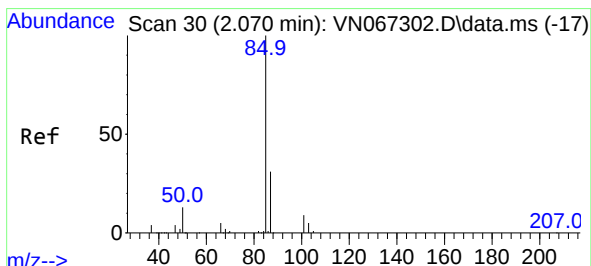
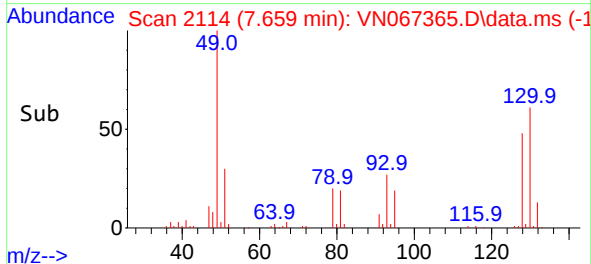
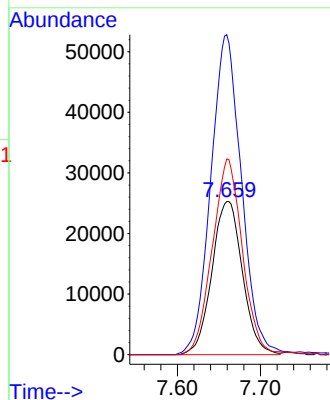
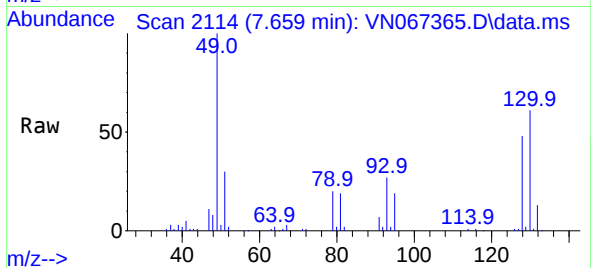
#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VN067365.D
Acq: 16 Jun 2021 16:03

Tgt Ion: 128 Resp: 64605
Ion Ratio Lower Upper
128 100
49 209.7 0.0 517.5
130 125.4 0.0 325.8

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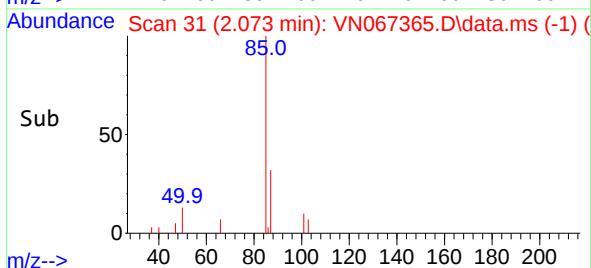
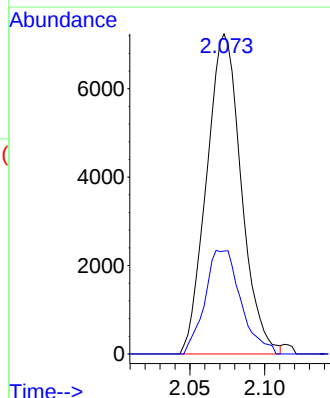
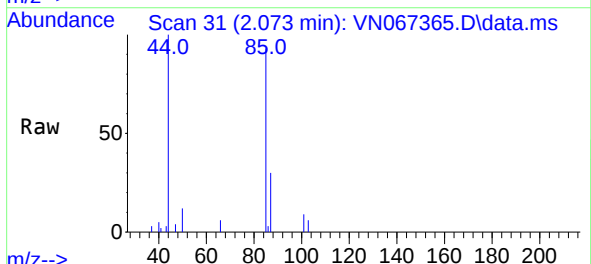
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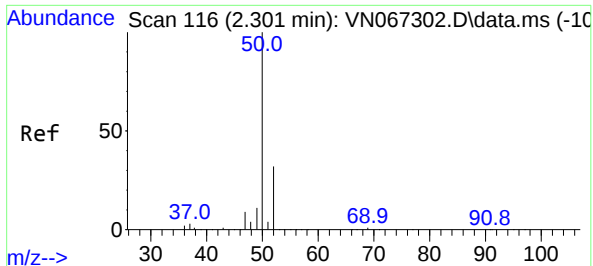
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#2
Dichlorodifluoromethane
Concen: 2.43 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.003 min
Lab File: VN067365.D
Acq: 16 Jun 2021 16:03

Tgt Ion: 85 Resp: 11692
Ion Ratio Lower Upper
85 100
87 32.2 15.7 47.0





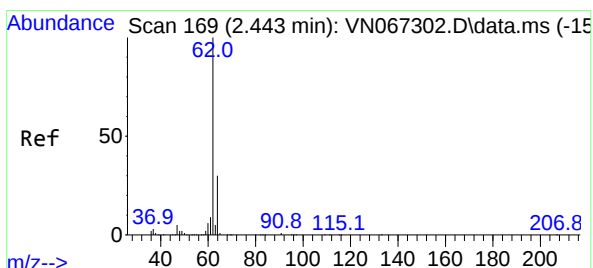
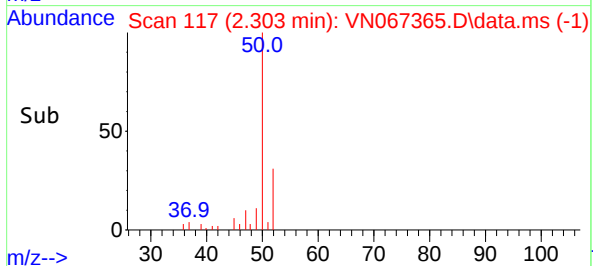
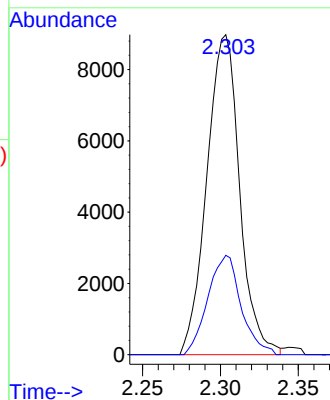
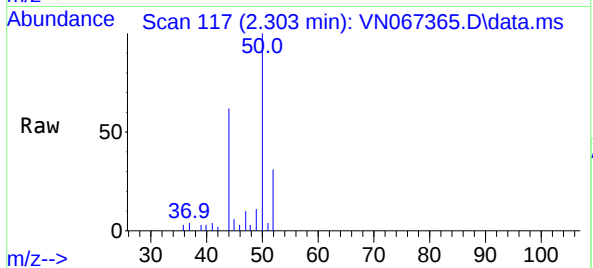
#3
Chloromethane
Concen: 2.55 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.003 min
Lab File: VN067365.D
Acq: 16 Jun 2021 16:03

Tgt Ion: 50 Resp: 13166
Ion Ratio Lower Upper
50 100
52 31.0 26.0 39.0

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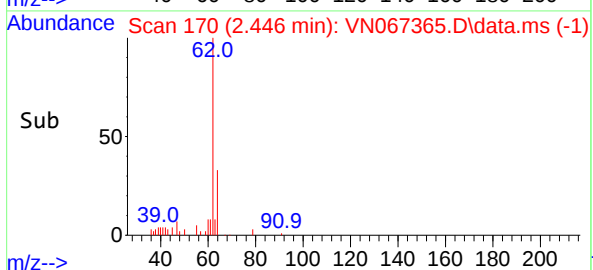
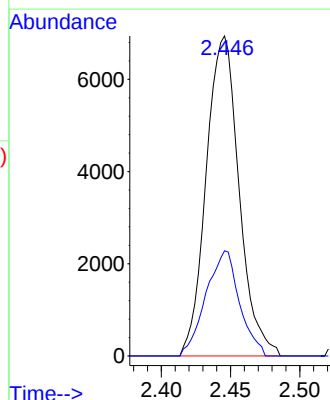
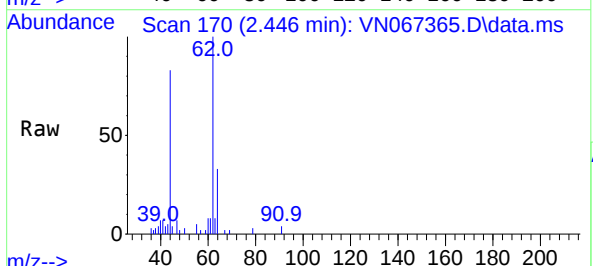
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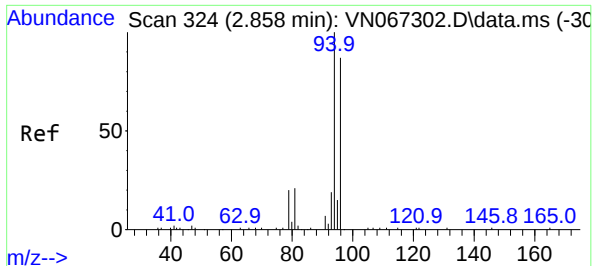
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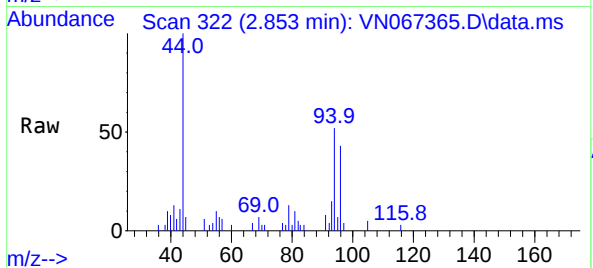
#4
Vinyl Chloride
Concen: 2.25 ug/l
RT: 2.446 min Scan# 170
Delta R.T. 0.003 min
Lab File: VN067365.D
Acq: 16 Jun 2021 16:03

Tgt Ion: 62 Resp: 11475
Ion Ratio Lower Upper
62 100
64 32.8 23.7 35.5

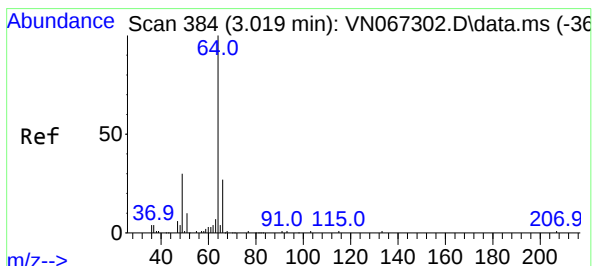
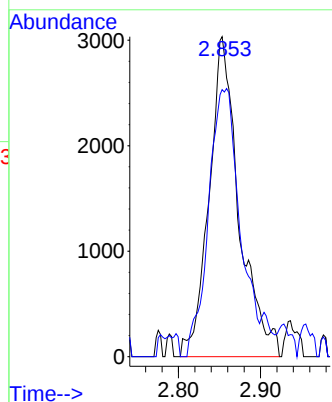
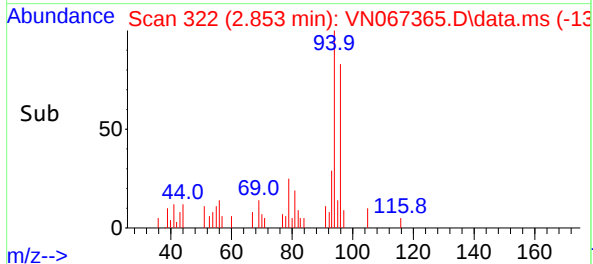




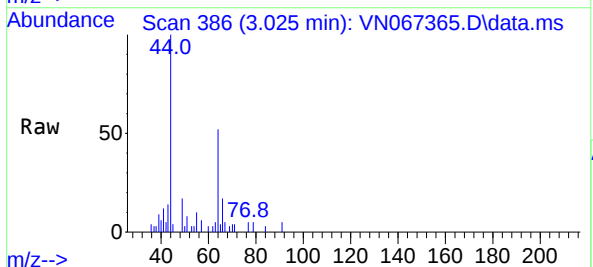
#5
Bromomethane
Concen: 3.00 ug/l m
RT: 2.853 min Scan# 322
Delta R.T. -0.005 min
Lab File: VN067365.D
Acq: 16 Jun 2021 16:03



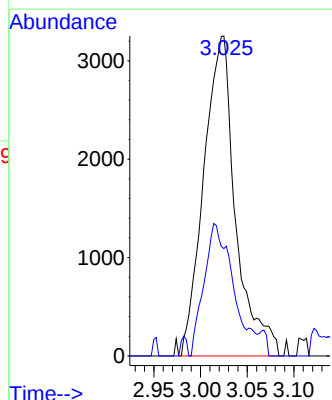
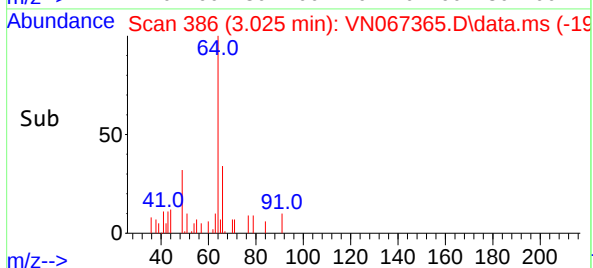
Tgt Ion: 94 Resp: 7678
Ion Ratio Lower Upper
94 100
96 83.5 69.4 104.2



#6
Chloroethane
Concen: 2.59 ug/l m
RT: 3.025 min Scan# 386
Delta R.T. 0.006 min
Lab File: VN067365.D
Acq: 16 Jun 2021 16:03



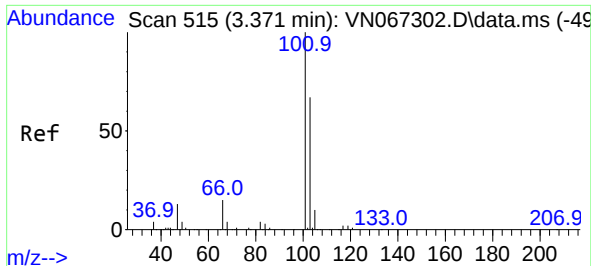
Tgt Ion: 64 Resp: 7718
Ion Ratio Lower Upper
64 100
66 33.5 21.5 32.3#



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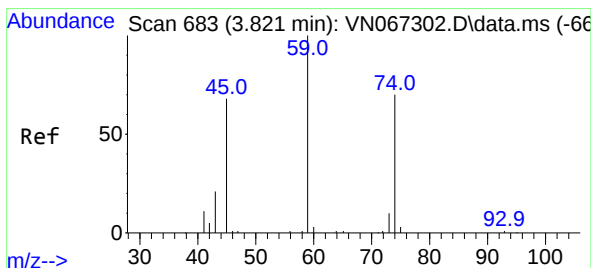
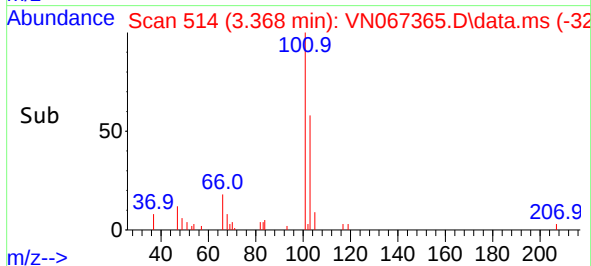
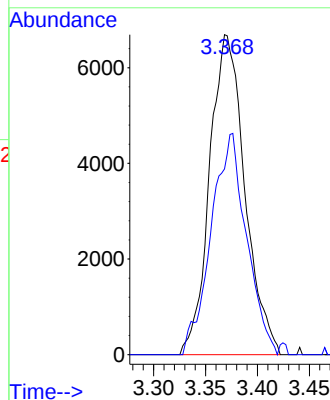
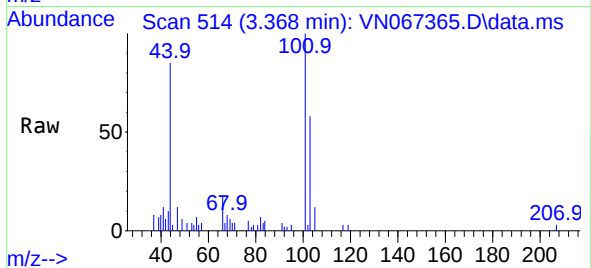
#7
Trichlorofluoromethane
Concen: 2.32 ug/l
RT: 3.368 min Scan# 514
Delta R.T. -0.003 min
Lab File: VN067365.D
Acq: 16 Jun 2021 16:03

Tgt Ion:101 Resp: 15778
Ion Ratio Lower Upper
101 100
103 58.0 53.7 80.5

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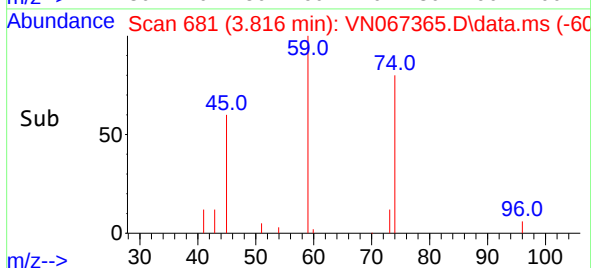
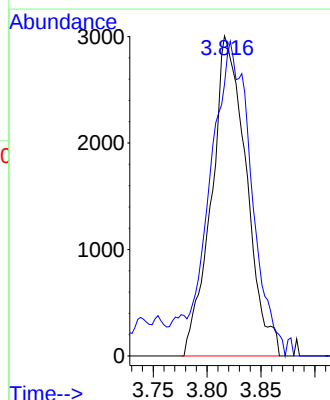
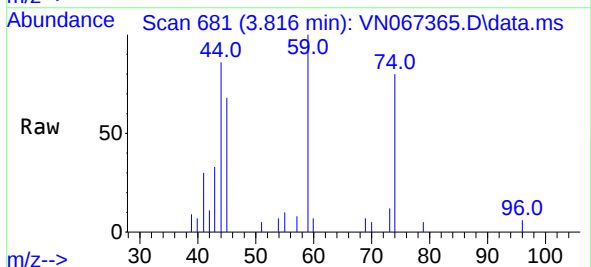
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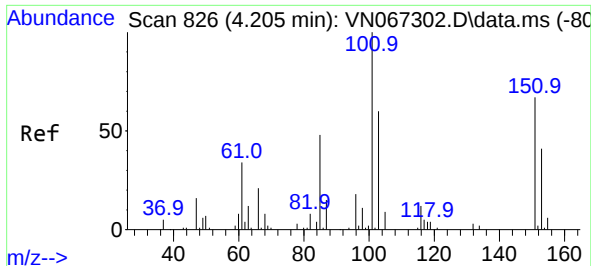
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#8
Diethyl Ether
Concen: 2.42 ug/l m
RT: 3.816 min Scan# 681
Delta R.T. -0.005 min
Lab File: VN067365.D
Acq: 16 Jun 2021 16:03

Tgt Ion: 74 Resp: 6725
Ion Ratio Lower Upper
74 100
45 57.5 20.3 182.5





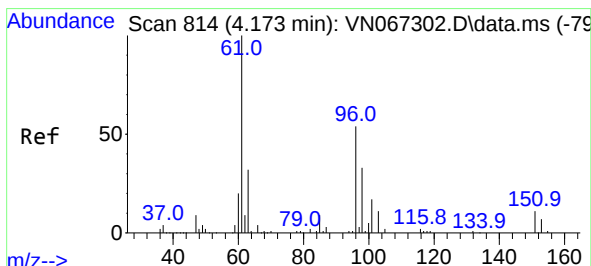
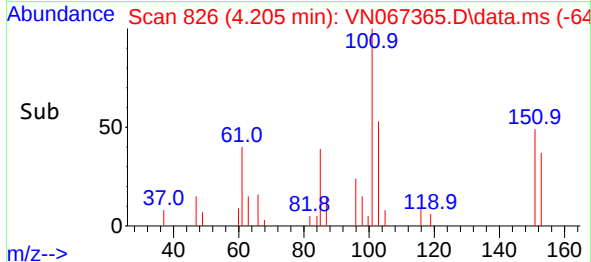
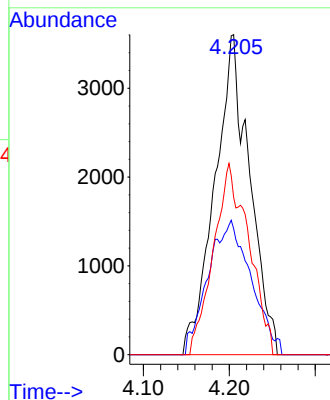
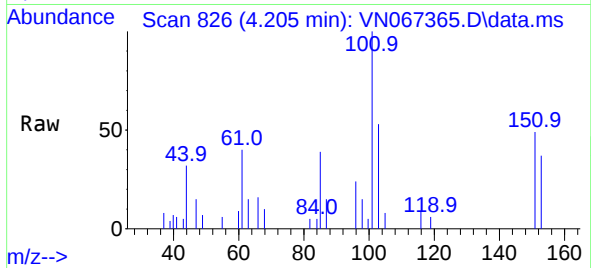
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1,1,2-Trichlorotrifluoroethane
Concen: 2.52 ug/l m
RT: 4.205 min Scan# 826
Delta R.T. 0.000 min
Lab File: VN067365.D
Acq: 16 Jun 2021 16:03

Tgt Ion: 101 Resp: 10154
Ion Ratio Lower Upper
101 100
85 11.7 0.0 97.8
151 37.0 0.0 135.0

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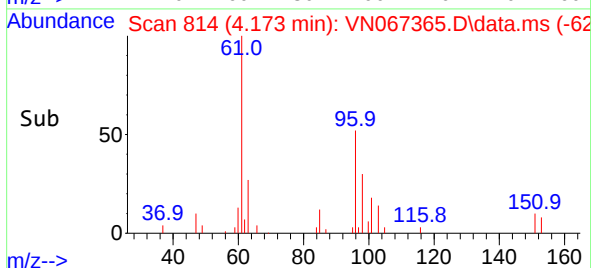
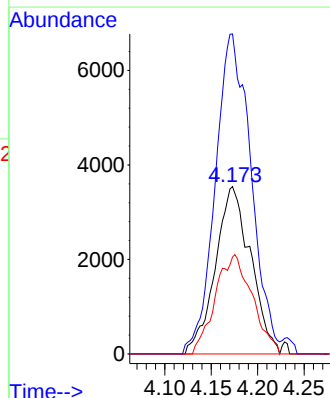
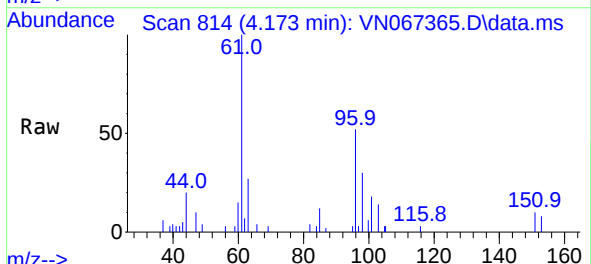
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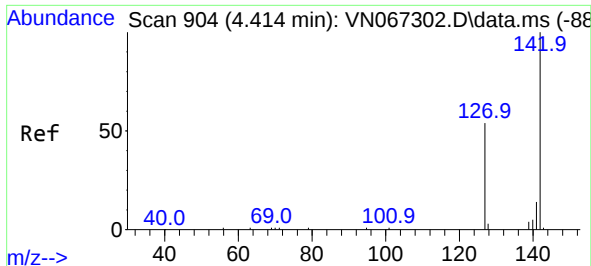
MMDadoda
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#10
1,1-Dichloroethene
Concen: 2.39 ug/l m
RT: 4.173 min Scan# 814
Delta R.T. 0.000 min
Lab File: VN067365.D
Acq: 16 Jun 2021 16:03

Tgt Ion: 96 Resp: 9368
Ion Ratio Lower Upper
96 100
61 191.2 148.3 222.5
98 57.8 48.6 73.0





#11

Methyl Iodide

Concen: 1.67 ug/l m

RT: 4.417 min Scan# 905

Delta R.T. 0.003 min

Lab File: VN067365.D

Acq: 16 Jun 2021 16:03

Tgt Ion:	142	Resp:	7882
Ion	Ratio	Lower	Upper
142	100		
127	49.0	27.2	81.5
141	14.8	6.9	20.7

Instrument :

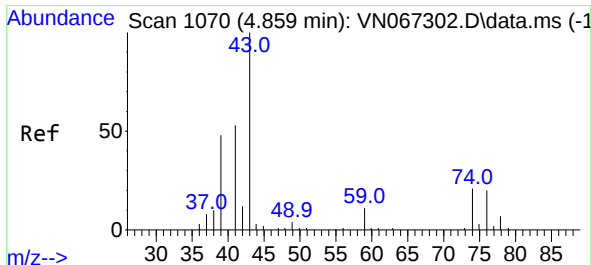
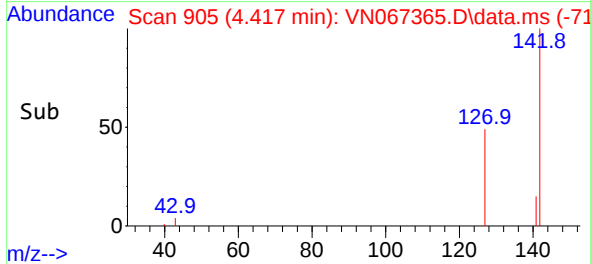
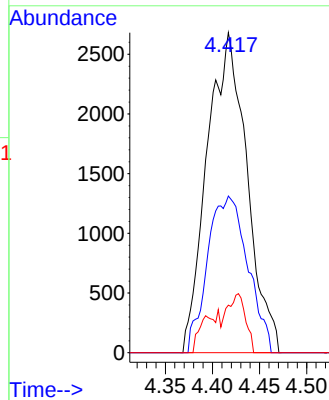
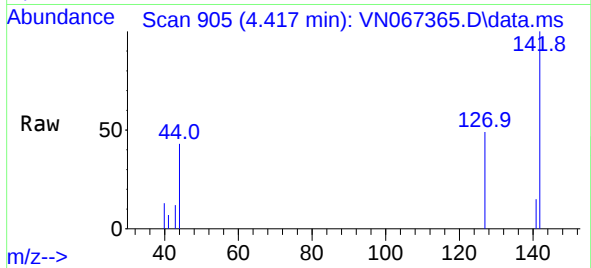
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ClientSampleId :

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#12

Methyl Acetate

Concen: 2.68 ug/l m

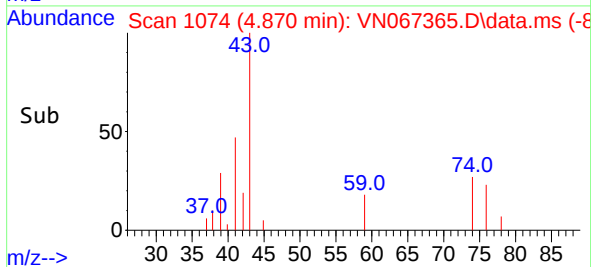
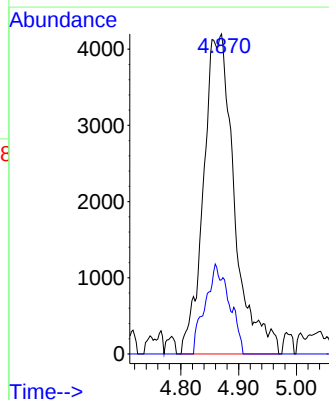
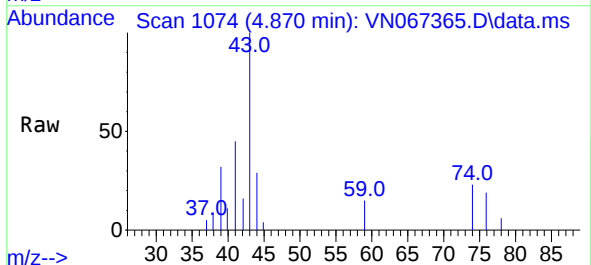
RT: 4.870 min Scan# 1074

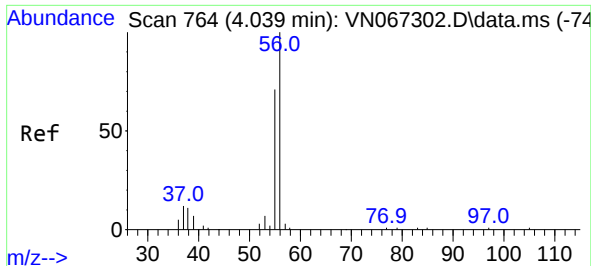
Delta R.T. 0.011 min

Lab File: VN067365.D

Acq: 16 Jun 2021 16:03

Tgt Ion:	43	Resp:	15558
Ion	Ratio	Lower	Upper
43	100		
74	23.2	16.6	25.0





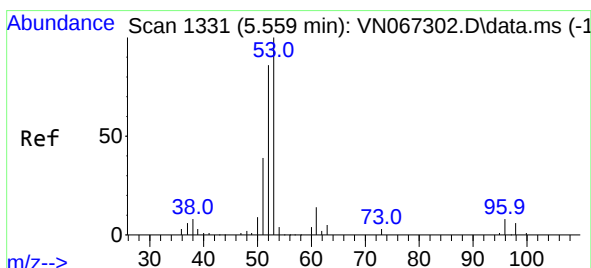
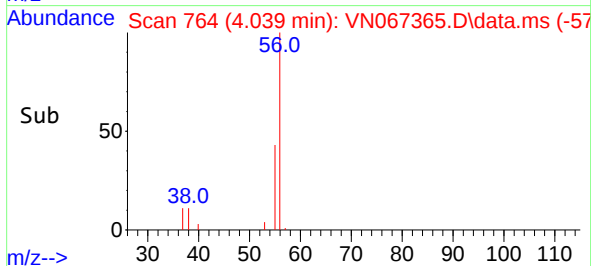
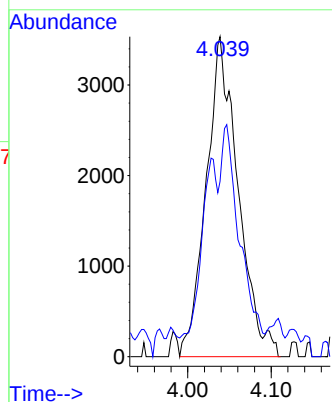
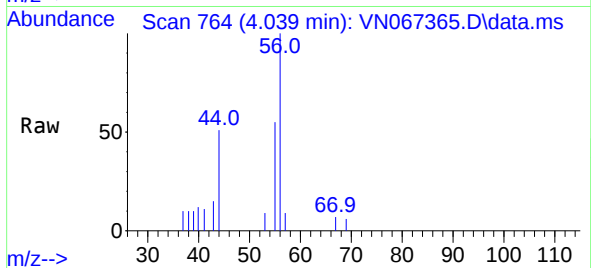
#13
Acrolein
Concen: 13.58 ug/l m
RT: 4.039 min Scan# 764
Delta R.T. 0.000 min
Lab File: VN067365.D
Acq: 16 Jun 2021 16:03

Tgt Ion: 56 Resp: 9405
Ion Ratio Lower Upper
56 100
55 1.8 57.5 86.3#

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2021

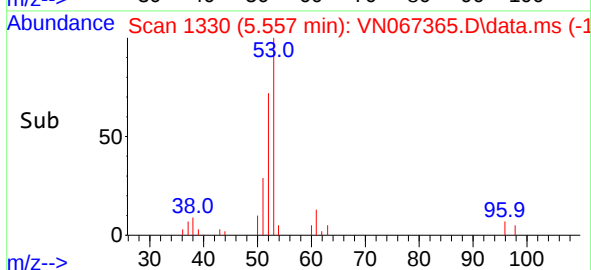
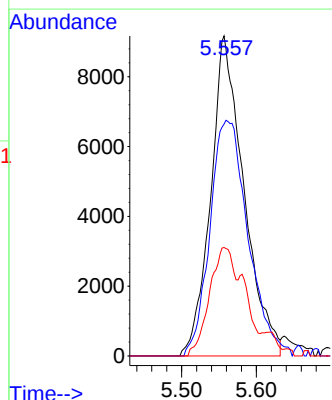
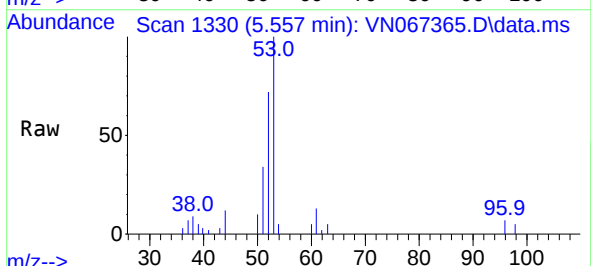
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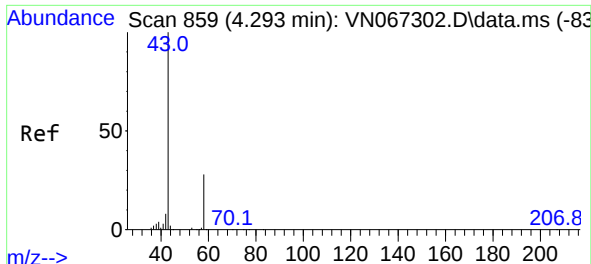
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#14
Acrylonitrile
Concen: 11.59 ug/l
RT: 5.557 min Scan# 1330
Delta R.T. -0.003 min
Lab File: VN067365.D
Acq: 16 Jun 2021 16:03

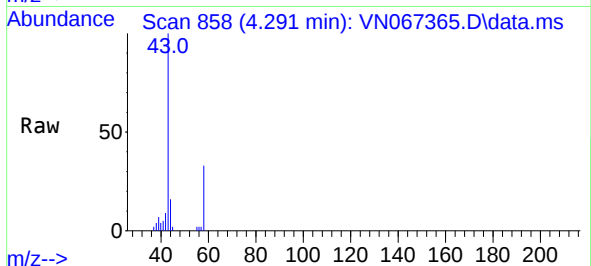
Tgt Ion: 53 Resp: 28242
Ion Ratio Lower Upper
53 100
52 84.3 41.8 125.4
51 26.2 18.1 54.3





#15
Acetone
Concen: 13.77 ug/l m
RT: 4.291 min Scan# 858
Delta R.T. -0.003 min
Lab File: VN067365.D
Acq: 16 Jun 2021 16:03

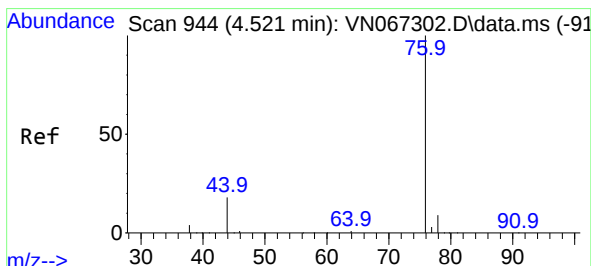
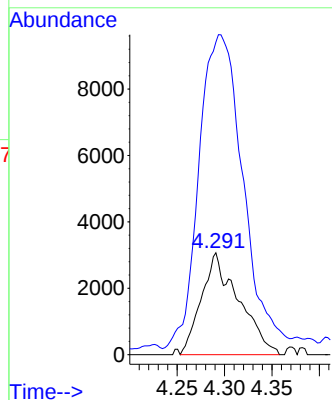
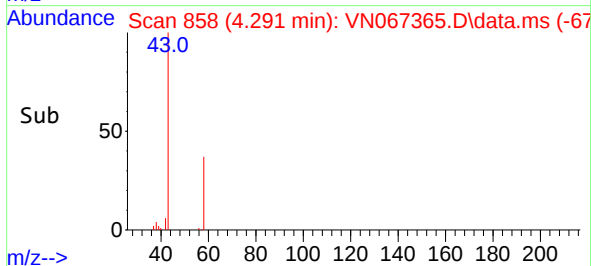
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2021



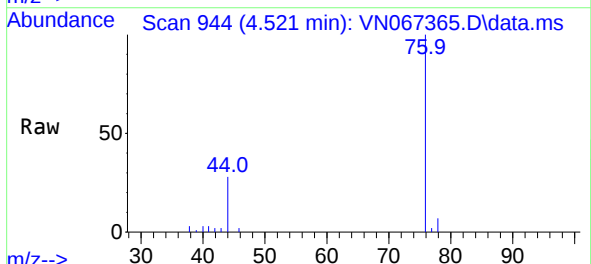
Tgt Ion: 58 Resp: 8396
Ion Ratio Lower Upper
58 100
43 306.5 289.6 434.4

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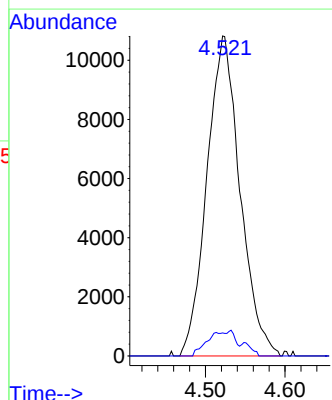
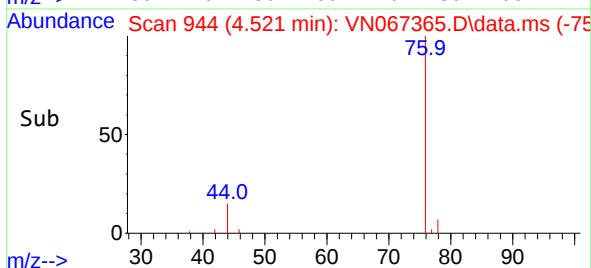
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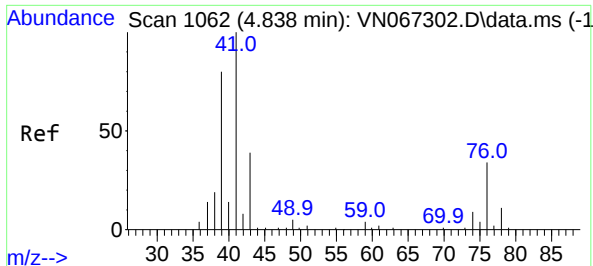


#16
Carbon Disulfide
Concen: 2.53 ug/l
RT: 4.521 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN067365.D
Acq: 16 Jun 2021 16:03

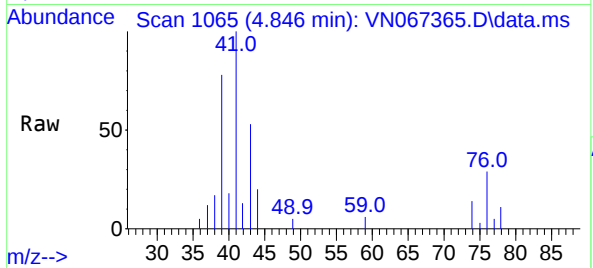


Tgt Ion: 76 Resp: 31356
Ion Ratio Lower Upper
76 100
78 7.2 7.0 10.4

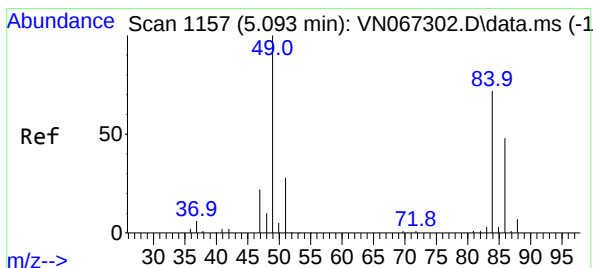
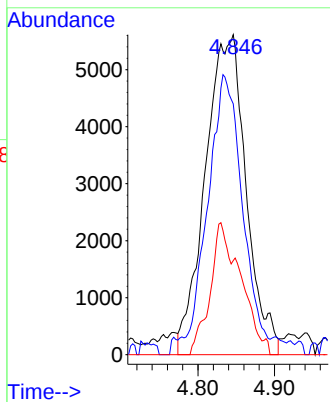
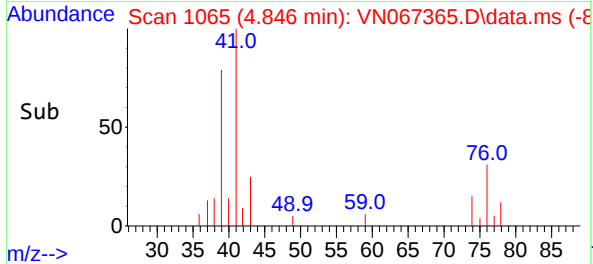




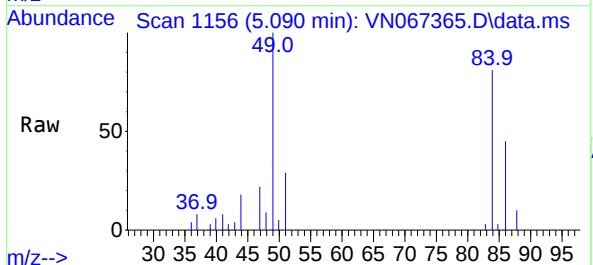
#17
Allyl chloride
Concen: 2.45 ug/l m
RT: 4.846 min Scan# 1065
Delta R.T. 0.008 min
Lab File: VN067365.D
Acq: 16 Jun 2021 16:03



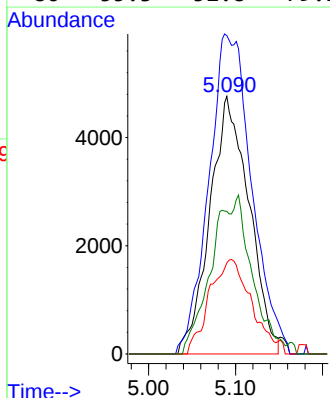
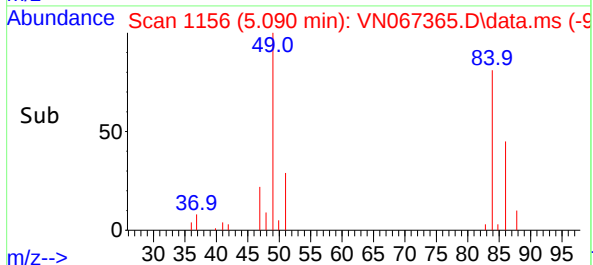
Tgt Ion:	41	Resp:	20825
Ion	Ratio	Lower	Upper
41	100		
39	78.4	39.8	119.4
76	29.4	16.8	50.4



#18
Methylene Chloride
Concen: 3.10 ug/l
RT: 5.090 min Scan# 1156
Delta R.T. -0.003 min
Lab File: VN067365.D
Acq: 16 Jun 2021 16:03



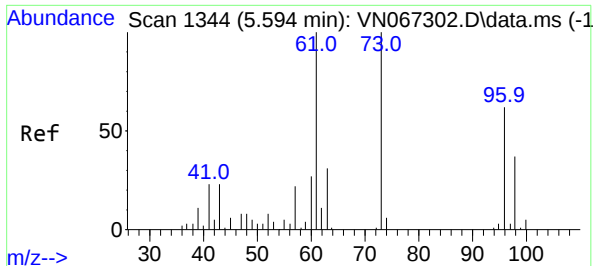
Tgt Ion:	84	Resp:	14905
Ion	Ratio	Lower	Upper
84	100		
49	120.5	110.9	166.3
51	35.3	31.2	46.8
86	55.3	52.8	79.2



Instrument :
MSVOA_N
ClientSampleId :
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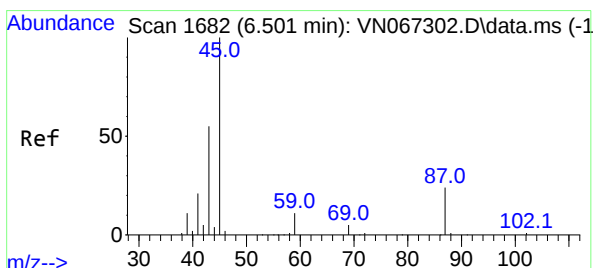
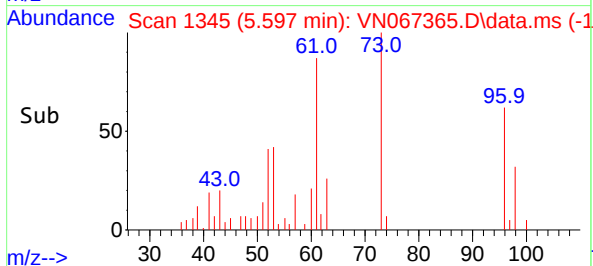
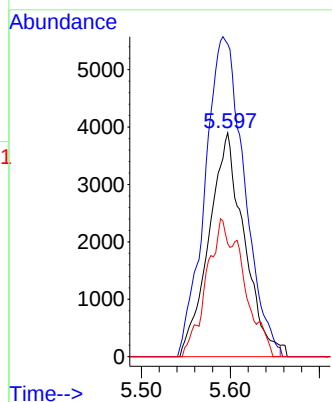
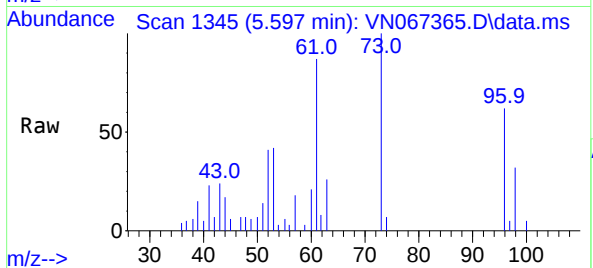
#19
trans-1,2-Dichloroethene
Concen: 2.51 ug/l
RT: 5.597 min Scan# 1345
Delta R.T. 0.003 min
Lab File: VN067365.D
Acq: 16 Jun 2021 16:03

Tgt Ion:	96	Resp:	10721
Ion	Ratio	Lower	Upper
96	100		
61	135.7	129.3	193.9
98	50.5	48.0	72.0

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2021

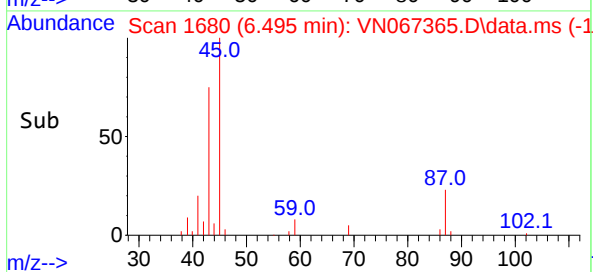
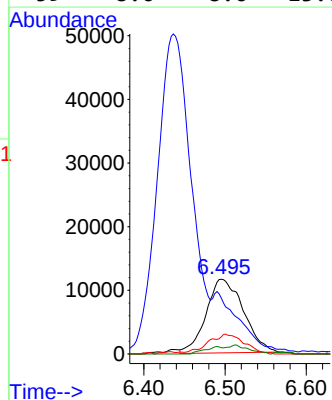
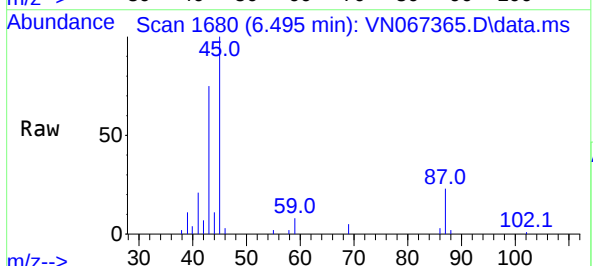
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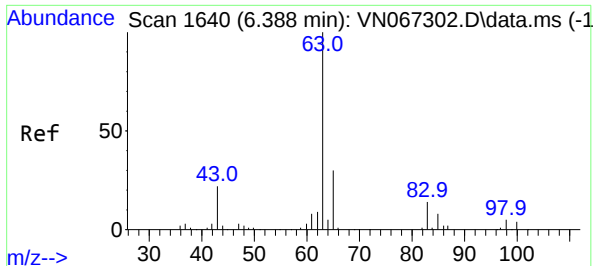
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#20
Diisopropyl ether
Concen: 2.23 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. -0.005 min
Lab File: VN067365.D
Acq: 16 Jun 2021 16:03

Tgt Ion:	45	Resp:	36923
Ion	Ratio	Lower	Upper
45	100		
43	70.0	48.1	72.1
87	23.5	19.8	29.6
59	8.6	8.6	13.0





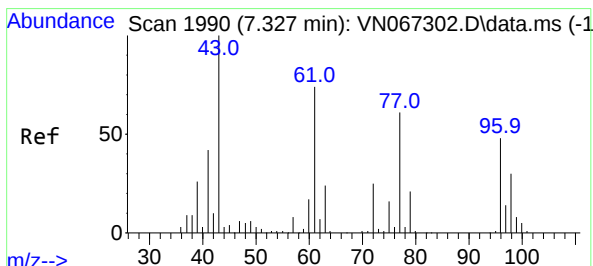
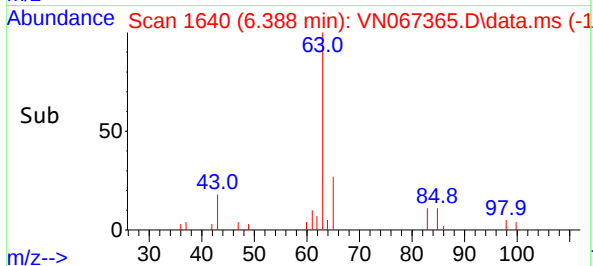
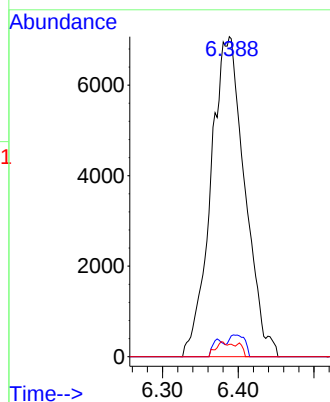
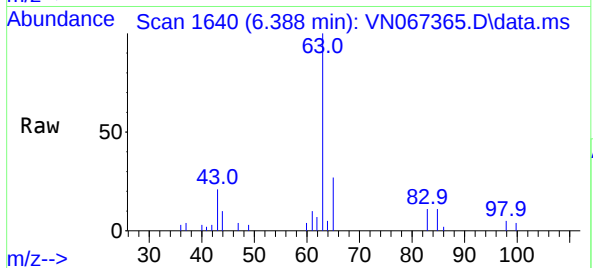
#21
1,1-Dichloroethane
Concen: 2.41 ug/l m
RT: 6.388 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VN067365.D
Acq: 16 Jun 2021 16:03

Tgt Ion:	63	Resp:	22075
Ion Ratio	Lower	Upper	
63	100		
98	5.3	2.7	8.1
100	3.9	1.8	5.3

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2021

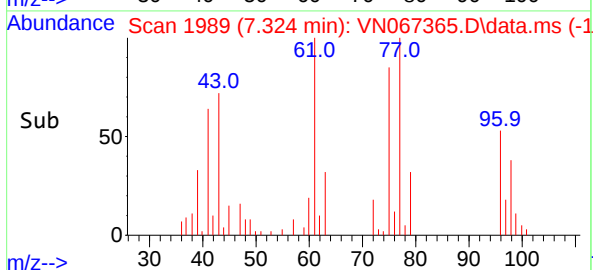
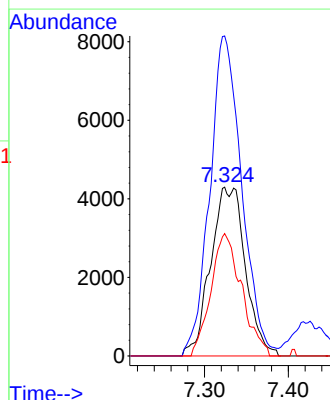
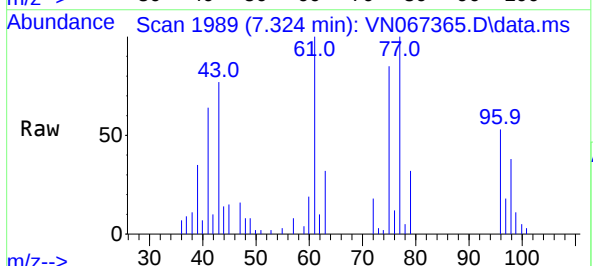
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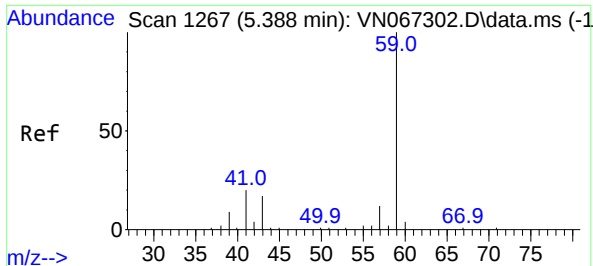
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#22
cis-1,2-Dichloroethene
Concen: 2.44 ug/l m
RT: 7.324 min Scan# 1989
Delta R.T. -0.003 min
Lab File: VN067365.D
Acq: 16 Jun 2021 16:03

Tgt Ion:	96	Resp:	12386
Ion Ratio	Lower	Upper	
96	100		
61	174.2	131.2	196.8
98	60.1	50.7	76.1





#23

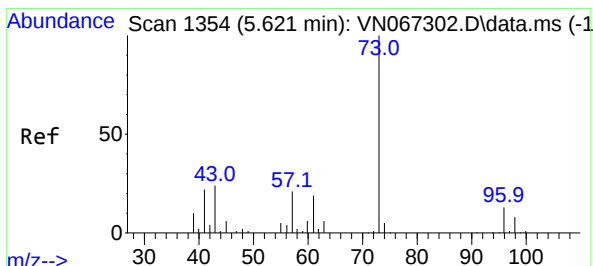
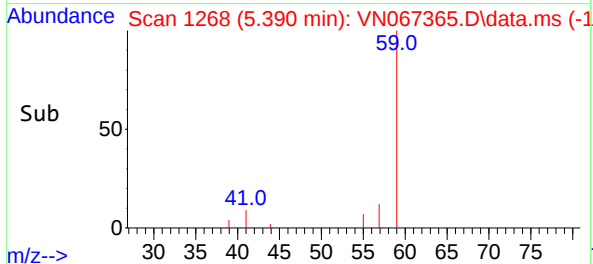
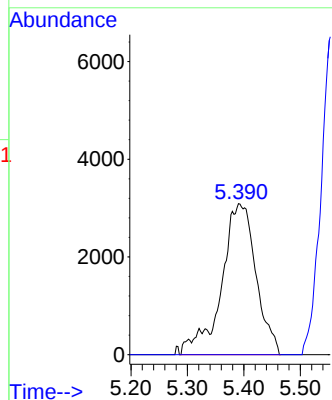
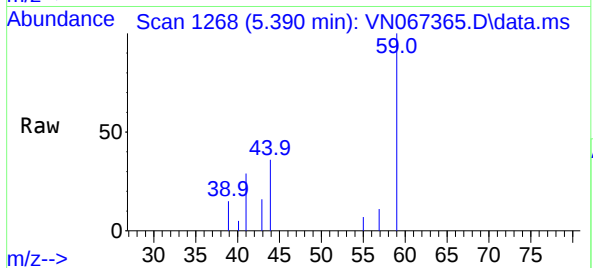
tert-Butyl Alcohol
Concen: 12.15 ug/l m
RT: 5.390 min Scan# 1268
Delta R.T. 0.003 min
Lab File: VN067365.D
Acq: 16 Jun 2021 16:03

Tgt Ion: 59 Resp: 13131
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1#

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2021

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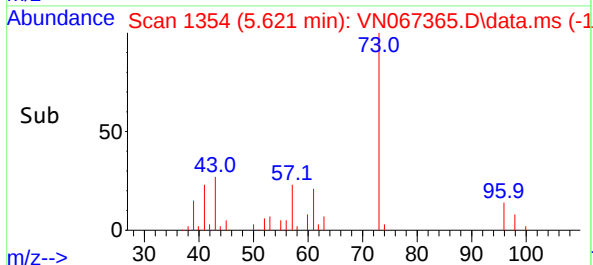
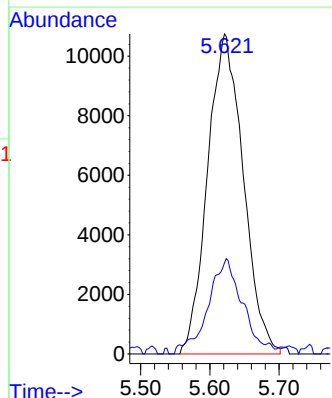
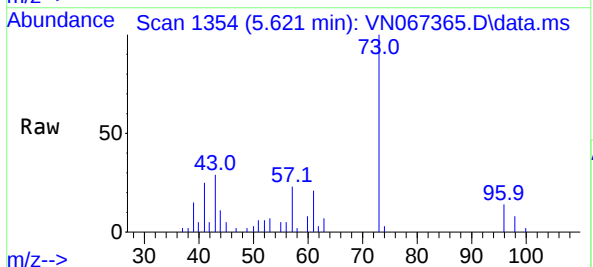
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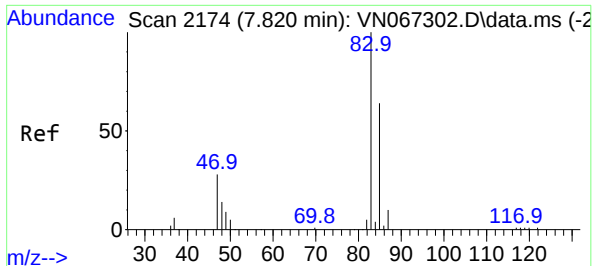


#24

Methyl tert-Butyl Ether
Concen: 2.31 ug/l
RT: 5.621 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VN067365.D
Acq: 16 Jun 2021 16:03

Tgt Ion: 73 Resp: 38433
Ion Ratio Lower Upper
73 100
43 24.2 20.0 30.0





#25

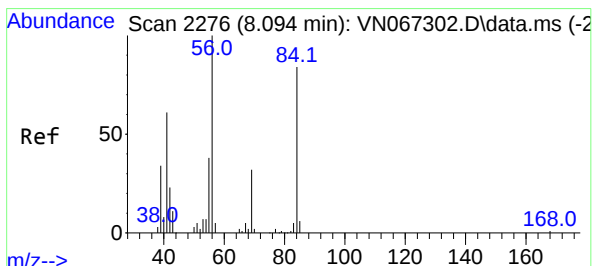
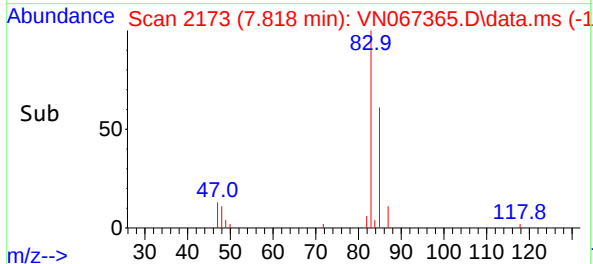
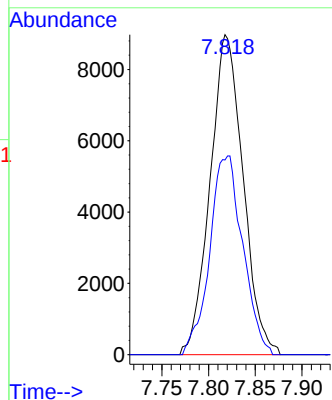
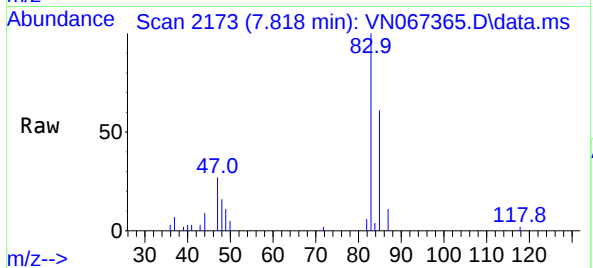
Chloroform
Concen: 2.36 ug/l
RT: 7.818 min Scan# 2173
Delta R.T. -0.003 min
Lab File: VN067365.D
Acq: 16 Jun 2021 16:03

Tgt Ion: 83 Resp: 22076
Ion Ratio Lower Upper
83 100
85 60.9 51.5 77.3

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2021

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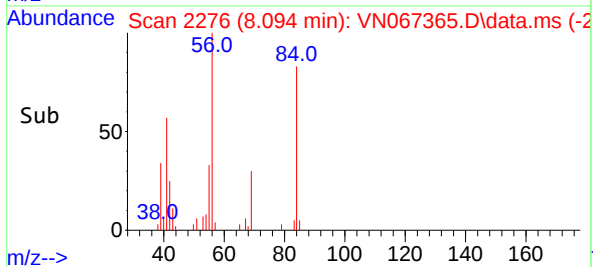
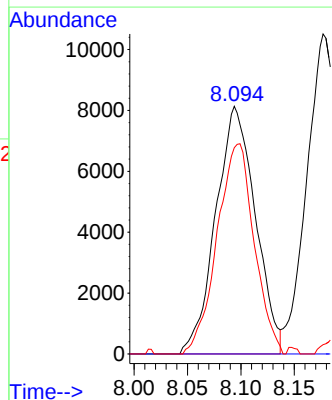
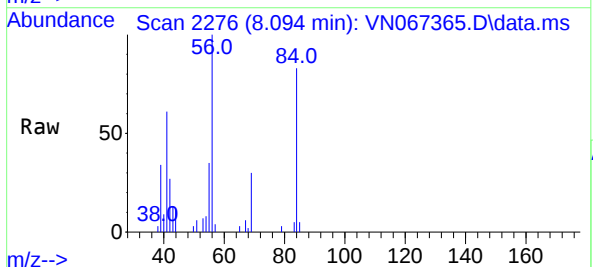
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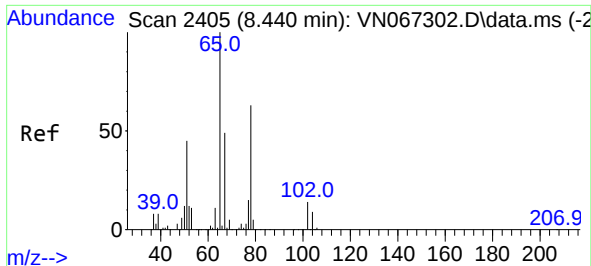


#26

Cyclohexane
Concen: 2.65 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. 0.000 min
Lab File: VN067365.D
Acq: 16 Jun 2021 16:03

Tgt Ion: 56 Resp: 21006
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 79.4 66.2 99.2





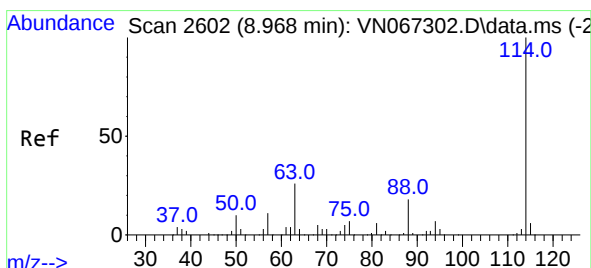
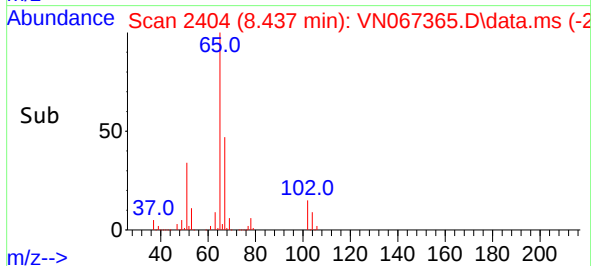
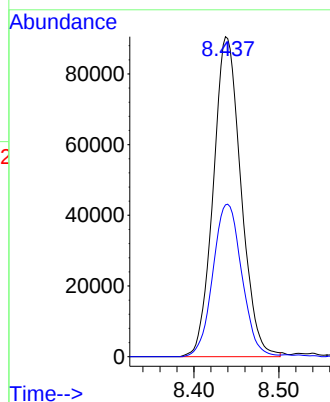
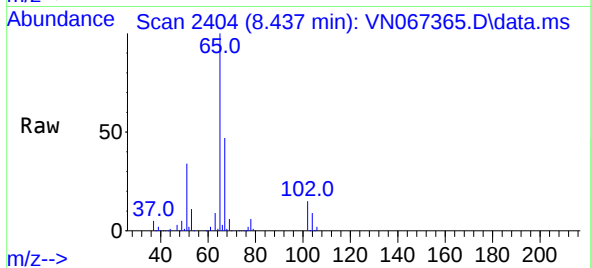
#27
1,2-Dichloroethane-d4
Concen: 30.23 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.003 min
Lab File: VN067365.D
Acq: 16 Jun 2021 16:03

Tgt Ion: 65 Resp: 205226
Ion Ratio Lower Upper
65 100
67 49.7 39.8 59.8

Instrument :
MSVOA_N
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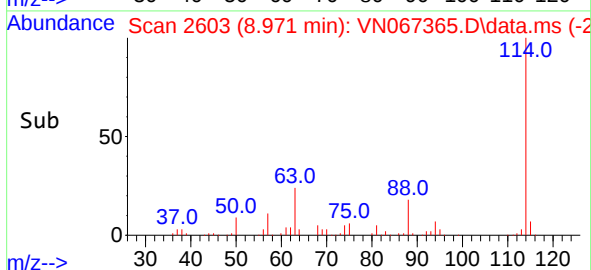
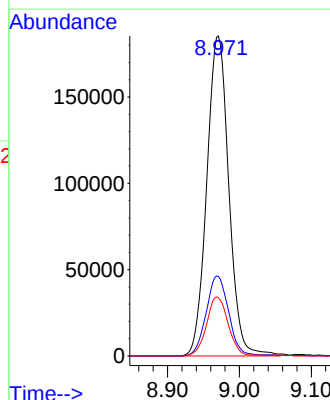
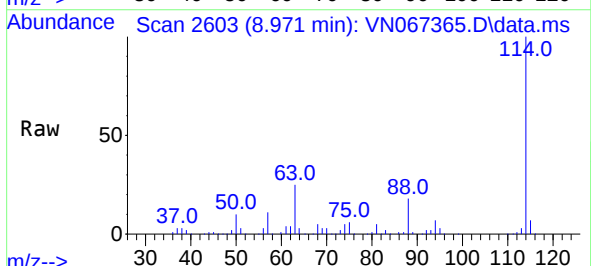
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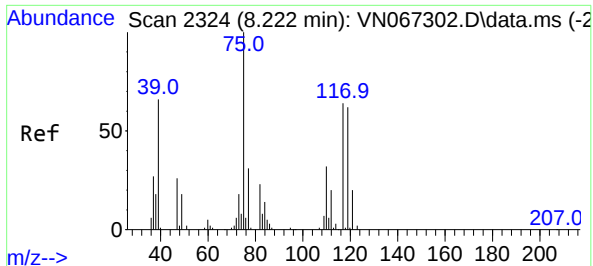
MMDadoda
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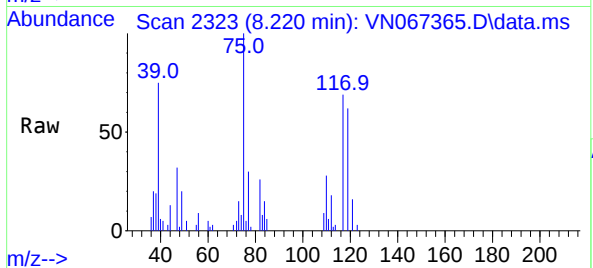
#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN067365.D
Acq: 16 Jun 2021 16:03

Tgt Ion: 114 Resp: 395432
Ion Ratio Lower Upper
114 100
63 25.4 20.3 30.5
88 18.0 14.6 22.0

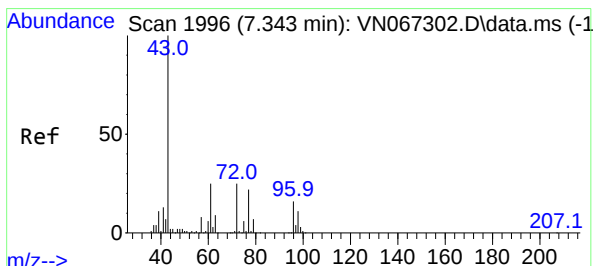
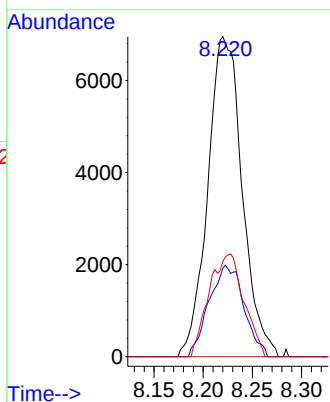
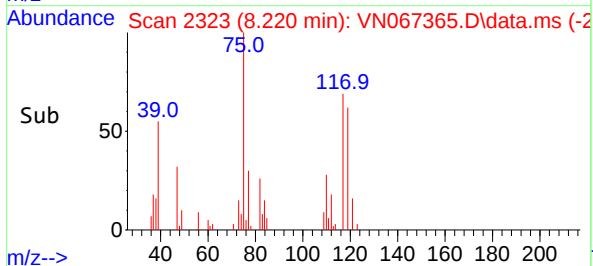




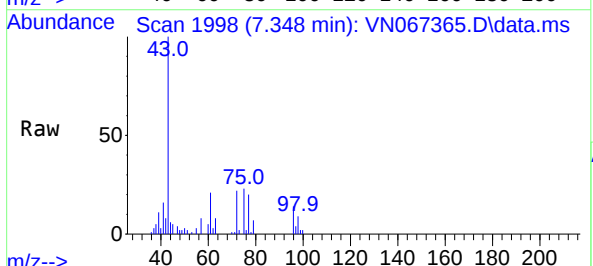
#29
1,1-Dichloropropene
Concen: 2.39 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VN067365.D
Acq: 16 Jun 2021 16:03



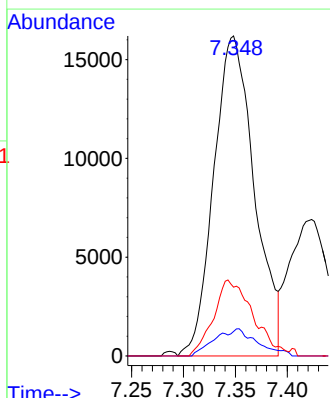
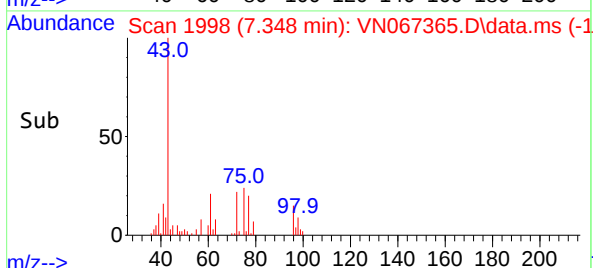
Tgt Ion: 75 Resp: 16908
Ion Ratio Lower Upper
75 100
110 18.0 0.0 63.4
77 10.6 0.0 63.0



#30
2-Butanone
Concen: 12.15 ug/l
RT: 7.348 min Scan# 1998
Delta R.T. 0.006 min
Lab File: VN067365.D
Acq: 16 Jun 2021 16:03



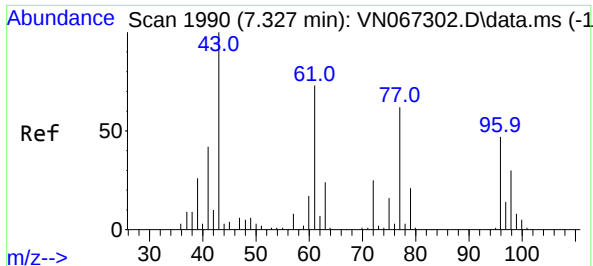
Tgt Ion: 43 Resp: 44143
Ion Ratio Lower Upper
43 100
57 0.9 6.9 10.3#
72 11.8 20.0 30.0#



Instrument :
MSVOA_N
ClientSampleId :
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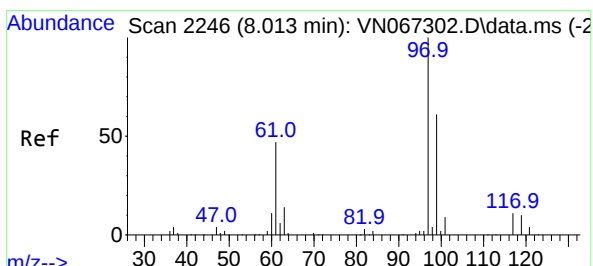
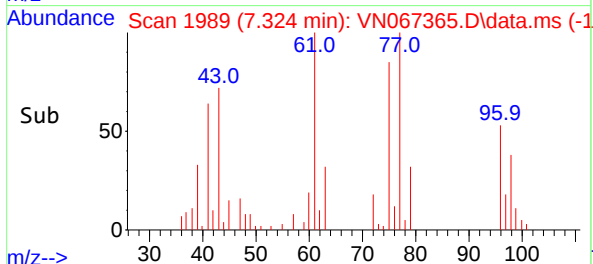
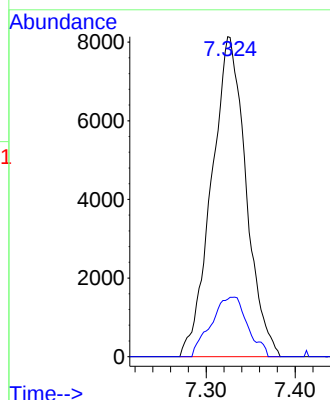
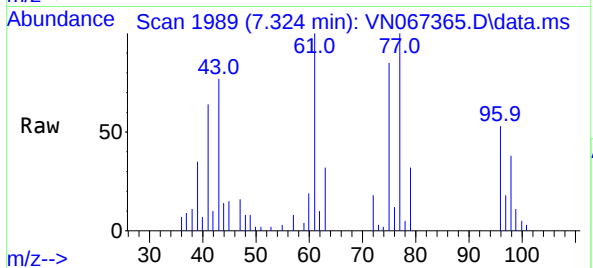
#31
2,2-Dichloropropane
Concen: 2.88 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. -0.003 min
Lab File: VN067365.D
Acq: 16 Jun 2021 16:03

Tgt Ion: 77 Resp: 21867
Ion Ratio Lower Upper
77 100
97 11.9 16.3 24.5#

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2021

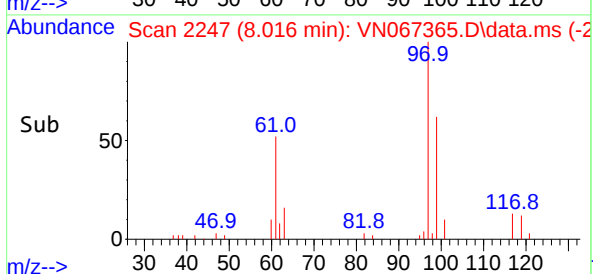
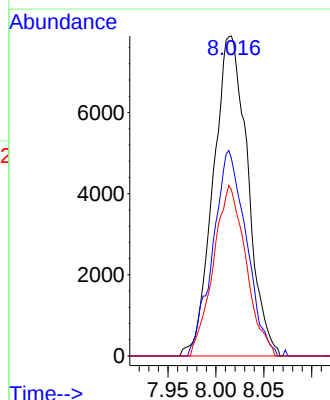
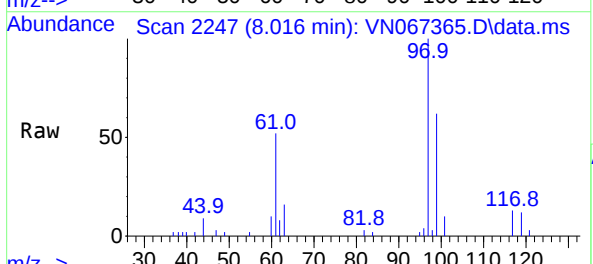
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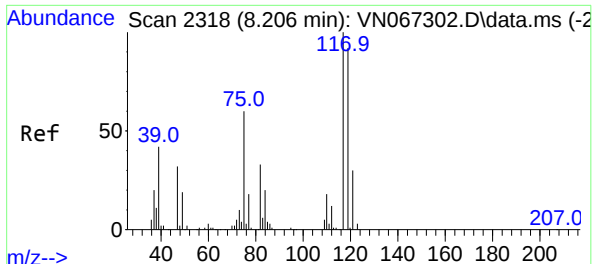
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#32
1,1,1-Trichloroethane
Concen: 2.18 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. 0.003 min
Lab File: VN067365.D
Acq: 16 Jun 2021 16:03

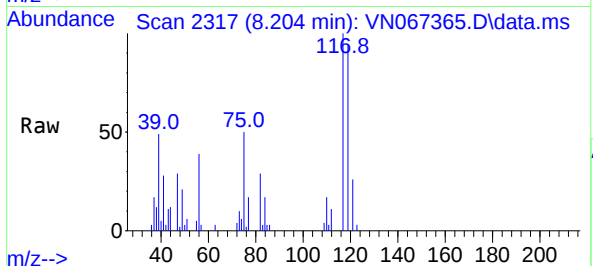
Tgt Ion: 97 Resp: 19636
Ion Ratio Lower Upper
97 100
99 62.3 49.7 74.5
61 50.6 38.0 57.0





#33
Carbon Tetrachloride
Concen: 2.07 ug/l m
RT: 8.204 min Scan# 2317
Delta R.T. -0.003 min
Lab File: VN067365.D
Acq: 16 Jun 2021 16:03

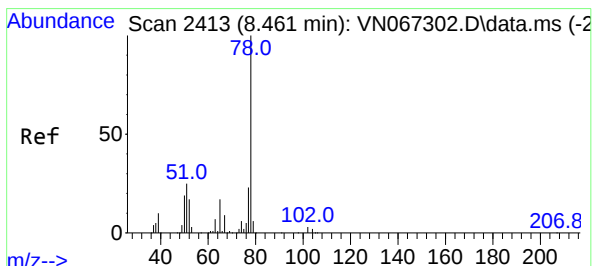
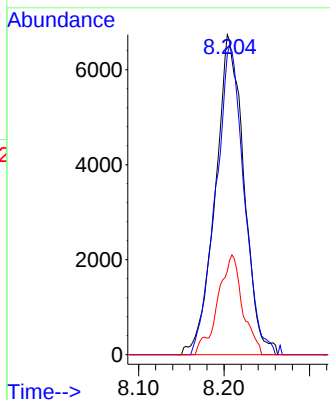
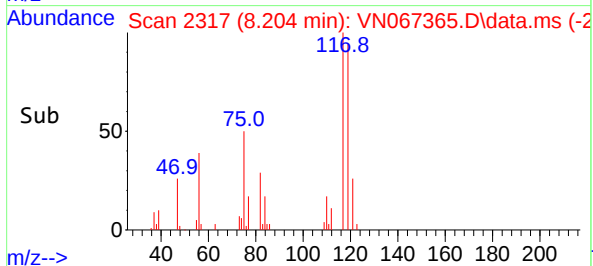
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2021



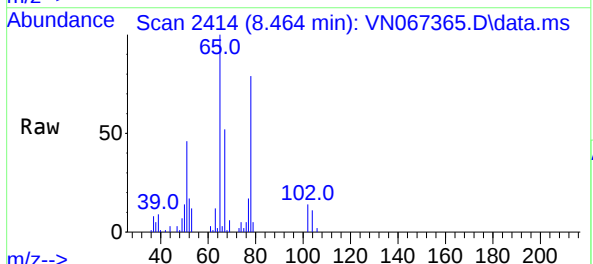
Tgt Ion:117 Resp: 15634
Ion Ratio Lower Upper
117 100
119 93.9 73.3 109.9
121 26.1 24.2 36.4

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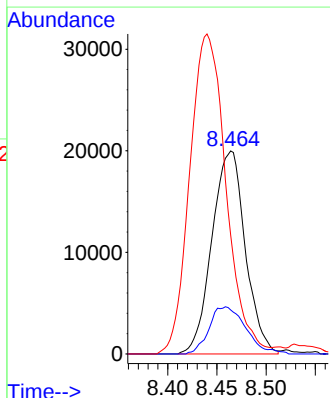
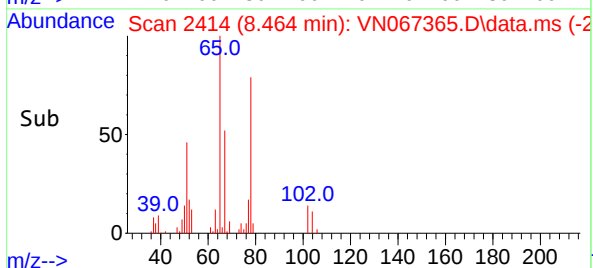
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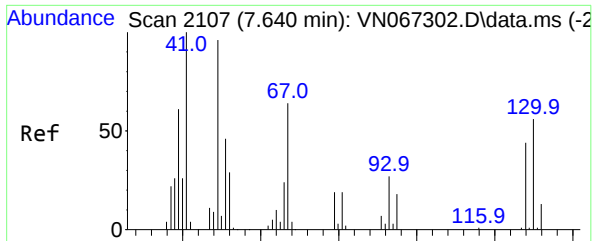


#34
Benzene
Concen: 2.37 ug/l
RT: 8.464 min Scan# 2414
Delta R.T. 0.003 min
Lab File: VN067365.D
Acq: 16 Jun 2021 16:03

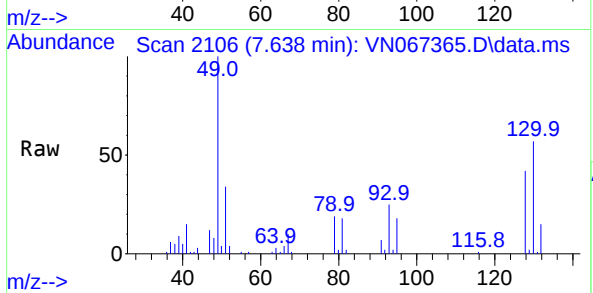


Tgt Ion: 78 Resp: 47175
Ion Ratio Lower Upper
78 100
77 21.7 18.6 28.0
51 55.0 20.0 30.0#



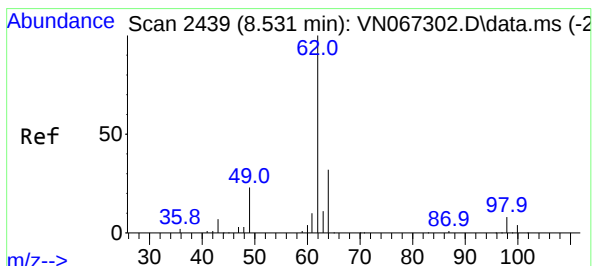
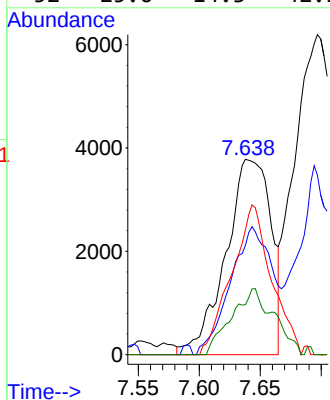
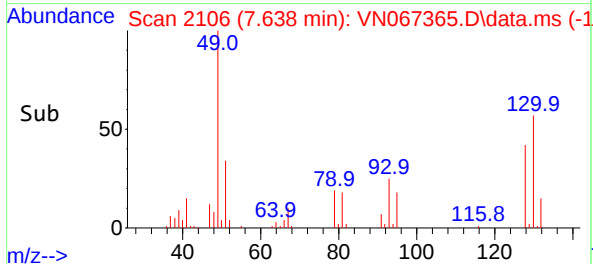


#35
Methacrylonitrile
Concen: 2.49 ug/l m
RT: 7.638 min Scan# 2106
Delta R.T. -0.003 min
Lab File: VN067365.D
Acq: 16 Jun 2021 16:03

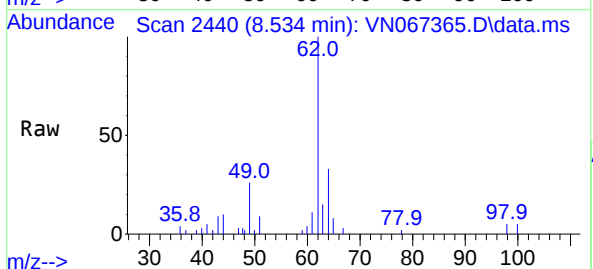


Tgt Ion: 41 Resp: 9739

Ion	Ratio	Lower	Upper
41	100		
39	55.9	30.3	90.9
67	63.9	32.1	96.3
52	25.6	14.3	42.9

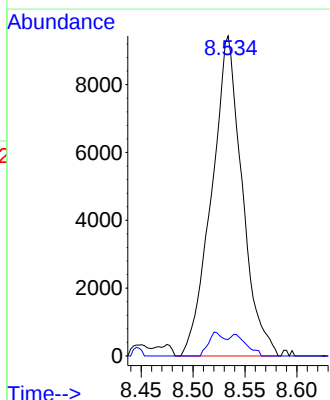
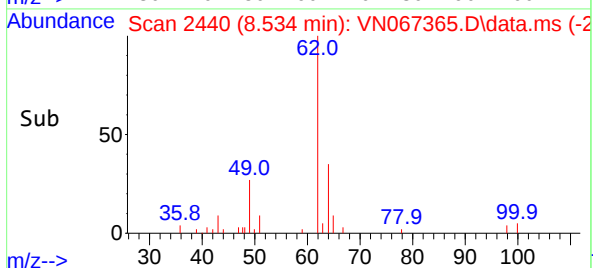


#36
1,2-Dichloroethane
Concen: 2.27 ug/l
RT: 8.534 min Scan# 2440
Delta R.T. 0.003 min
Lab File: VN067365.D
Acq: 16 Jun 2021 16:03



Tgt Ion: 62 Resp: 19253

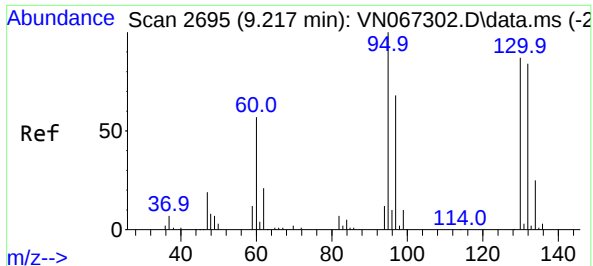
Ion	Ratio	Lower	Upper
62	100		
98	2.3	6.0	9.0#



Instrument :
MSVOA_N
ClientSampleId :
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#37

Trichloroethene

Concen: 2.44 ug/l

RT: 9.215 min Scan# 2694

Delta R.T. -0.003 min

Lab File: VN067365.D

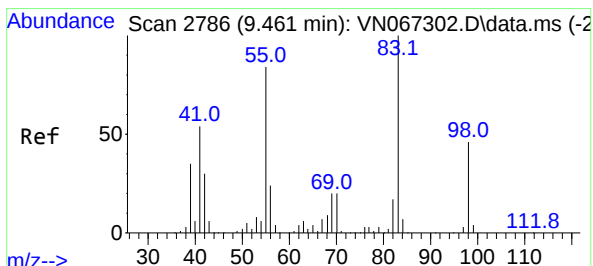
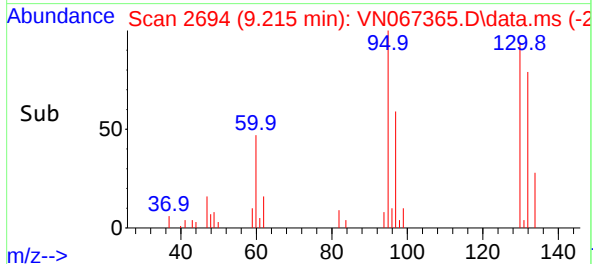
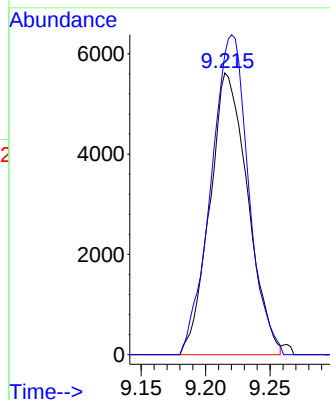
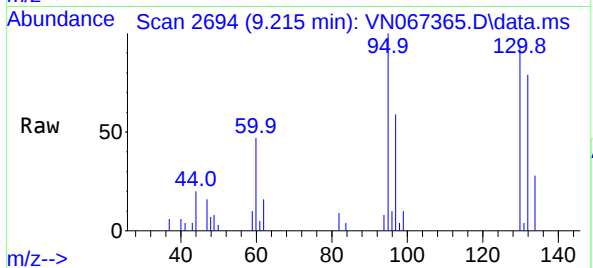
Acq: 16 Jun 2021 16:03

Tgt Ion:130 Resp: 11520

Ion Ratio Lower Upper

130 100

95 106.7 92.2 138.2



#38

Methylcyclohexane

Concen: 2.76 ug/l

RT: 9.459 min Scan# 2785

Delta R.T. -0.003 min

Lab File: VN067365.D

Acq: 16 Jun 2021 16:03

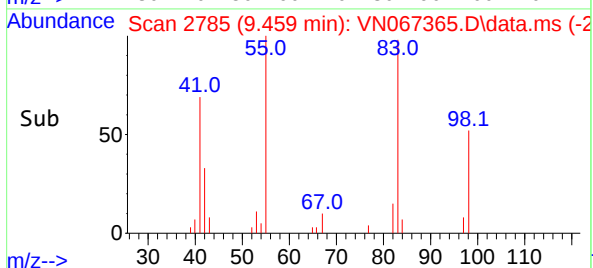
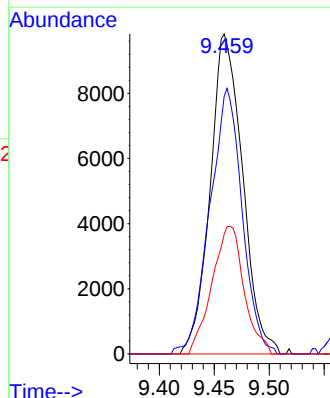
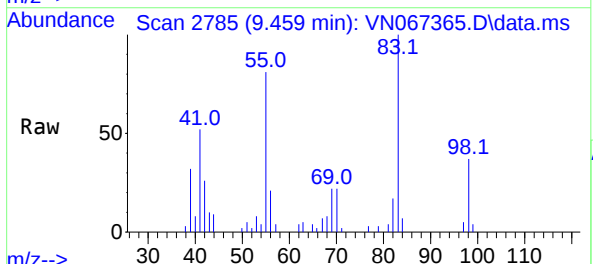
Tgt Ion: 83 Resp: 20104

Ion Ratio Lower Upper

83 100

55 82.7 41.5 124.6

98 39.5 22.4 67.0



Instrument :

MSVOA_N

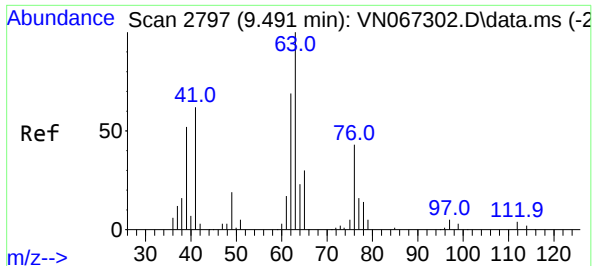
ClientSampleId :

LOD-MDL-WATER-01-QT2-2021

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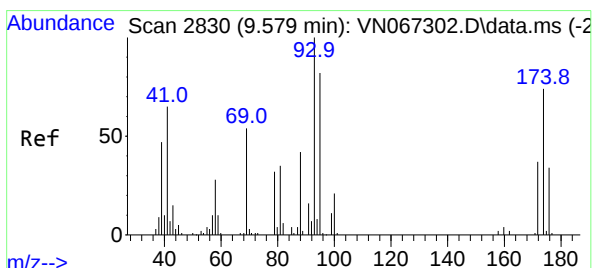
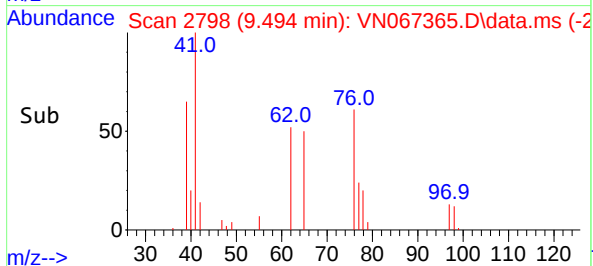
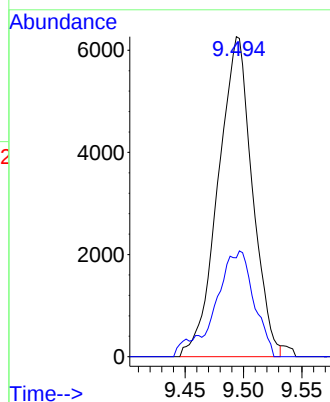
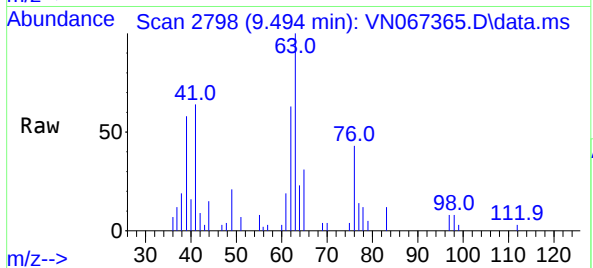
#39
1,2-Dichloropropane
Concen: 2.37 ug/l
RT: 9.494 min Scan# 2798
Delta R.T. 0.003 min
Lab File: VN067365.D
Acq: 16 Jun 2021 16:03

Tgt Ion: 63 Resp: 12747
Ion Ratio Lower Upper
63 100
65 30.9 24.5 36.7

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2021

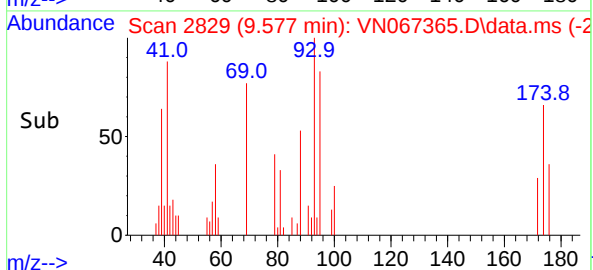
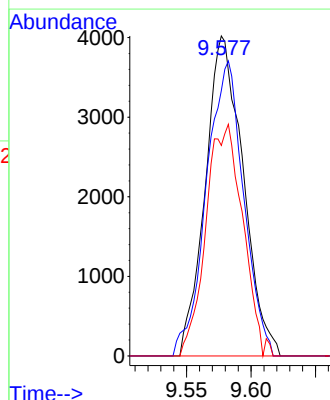
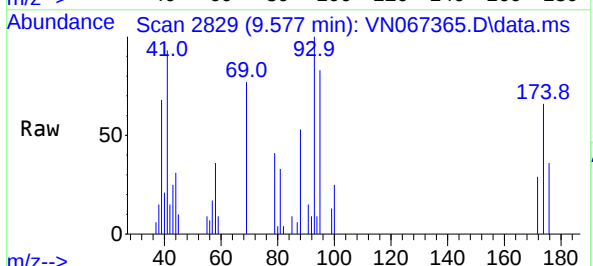
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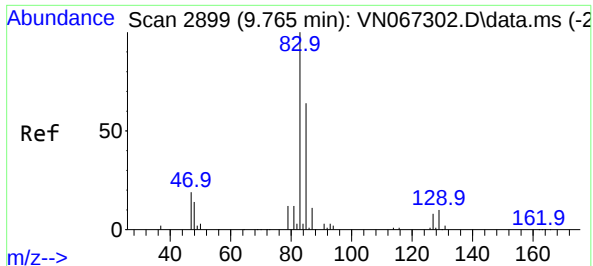
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#40
Dibromomethane
Concen: 2.22 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. -0.003 min
Lab File: VN067365.D
Acq: 16 Jun 2021 16:03

Tgt Ion: 93 Resp: 8182
Ion Ratio Lower Upper
93 100
95 91.1 0.0 167.6
174 33.0 0.0 148.4





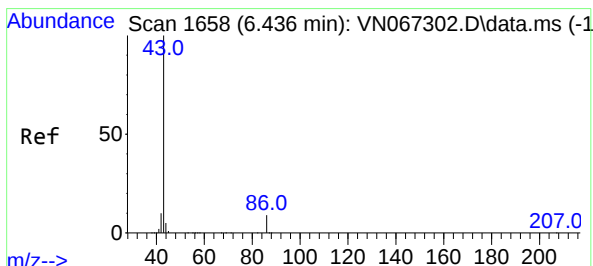
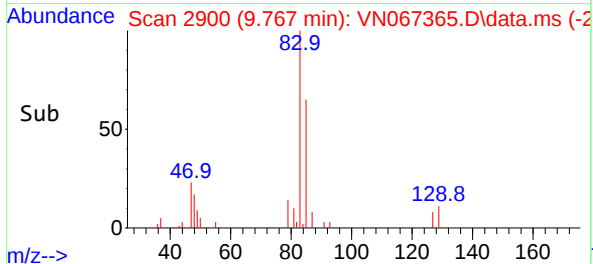
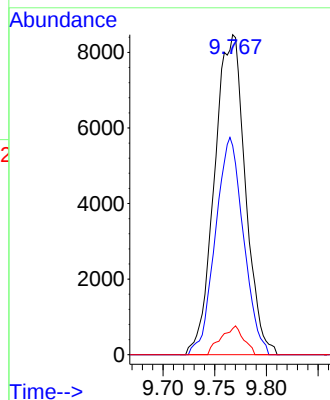
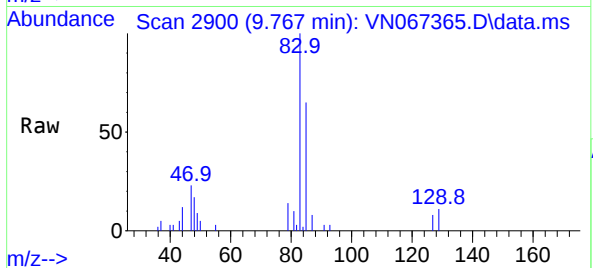
#41
Bromodichloromethane
Concen: 2.20 ug/l m
RT: 9.767 min Scan# 2900
Delta R.T. 0.003 min
Lab File: VN067365.D
Acq: 16 Jun 2021 16:03

Tgt Ion:	83	Resp:	17523
Ion Ratio	Lower	Upper	
83	100		
85	65.3	51.2	76.8
127	8.2	6.6	9.8

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2021

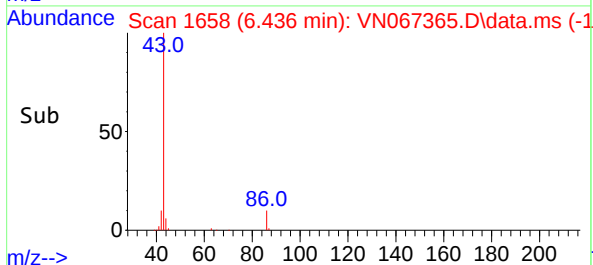
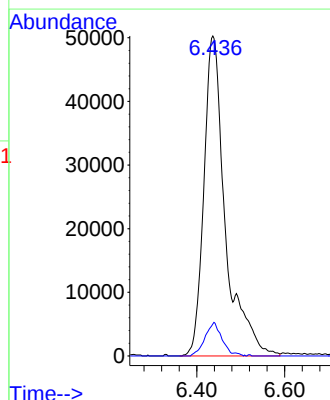
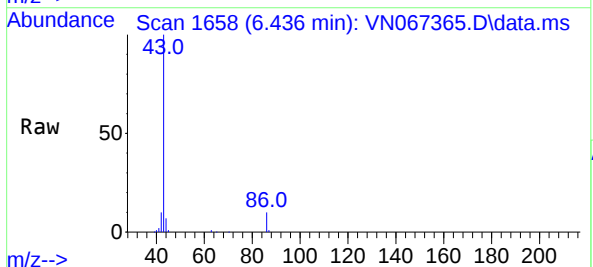
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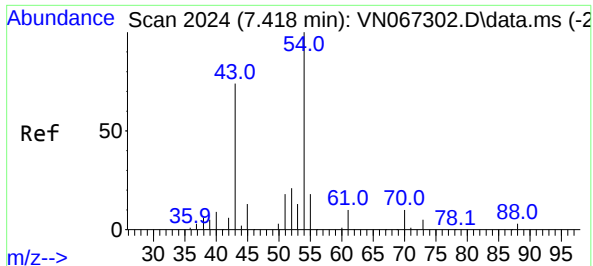
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#42
Vinyl Acetate
Concen: 11.16 ug/l m
RT: 6.436 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN067365.D
Acq: 16 Jun 2021 16:03

Tgt Ion:	43	Resp:	170670
Ion Ratio	Lower	Upper	
43	100		
86	8.1	6.4	9.6





#43

Ethyl Acetate

Concen: 2.63 ug/l m

RT: 7.423 min Scan# 2026

Delta R.T. 0.006 min

Lab File: VN067365.D

Acq: 16 Jun 2021 16:03

Tgt Ion: 43 Resp: 19408

Ion Ratio Lower Upper

43 100

45 0.5 1.0 1.6#

Instrument :

MSVOA_N

ClientSampleId :

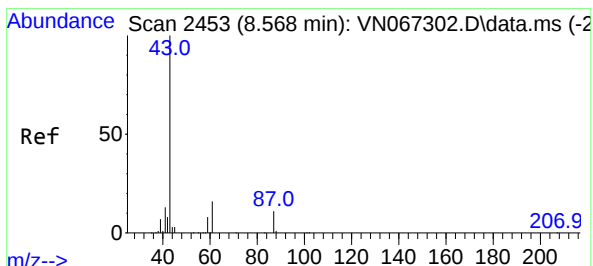
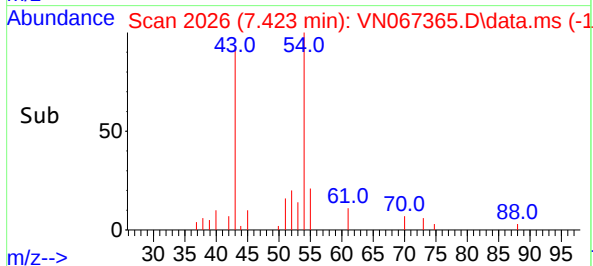
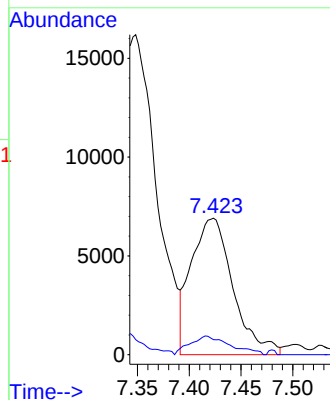
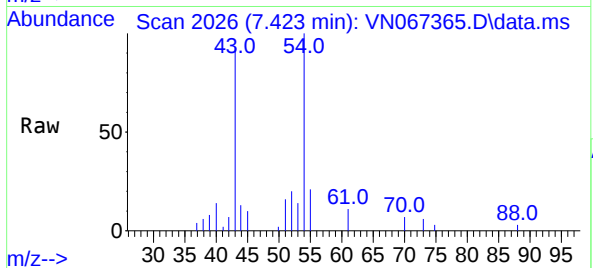
LOD-MDL-WATER-01-QT2-2021

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#44

Isopropyl Acetate

Concen: 2.27 ug/l

RT: 8.566 min Scan# 2452

Delta R.T. -0.003 min

Lab File: VN067365.D

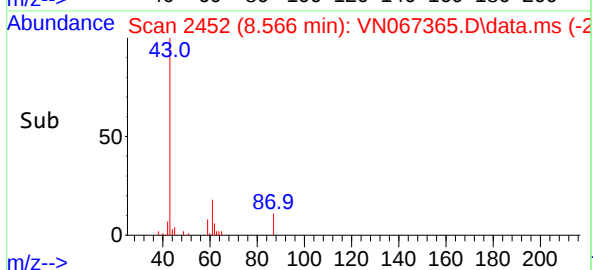
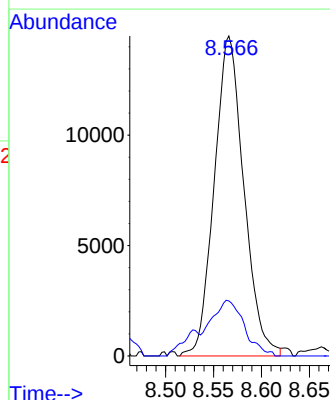
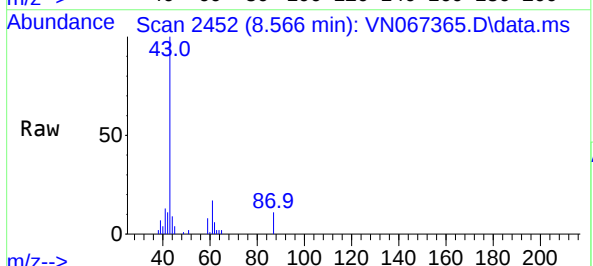
Acq: 16 Jun 2021 16:03

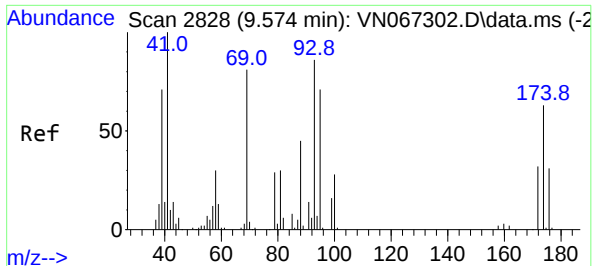
Tgt Ion: 43 Resp: 31086

Ion Ratio Lower Upper

43 100

61 19.3 19.0 28.6





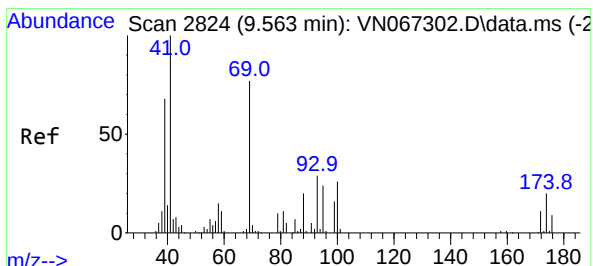
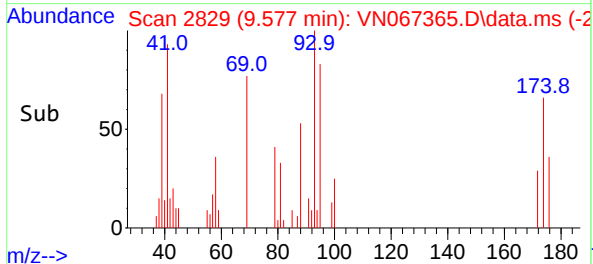
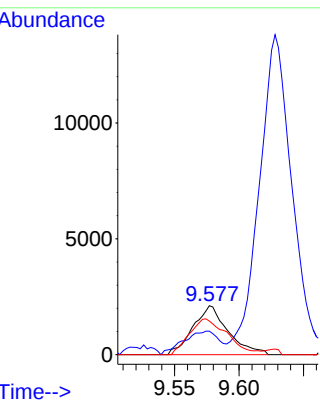
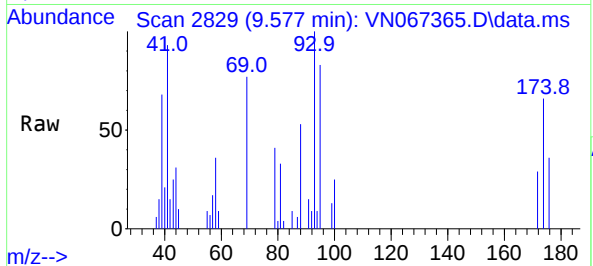
#45
1,4-Dioxane
Concen: 44.85 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. 0.003 min
Lab File: VN067365.D
Acq: 16 Jun 2021 16:03

Tgt Ion: 88 Resp: 3990
Ion Ratio Lower Upper
88 100
43 3.0 18.0 27.0#
58 78.5 57.7 86.5

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2021

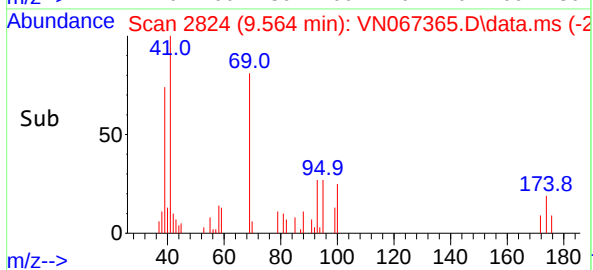
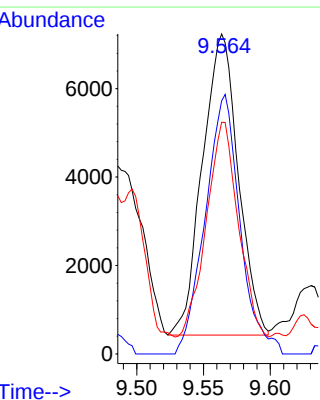
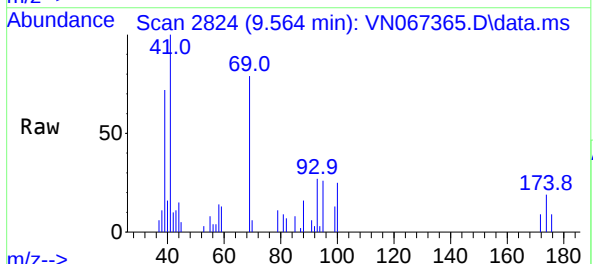
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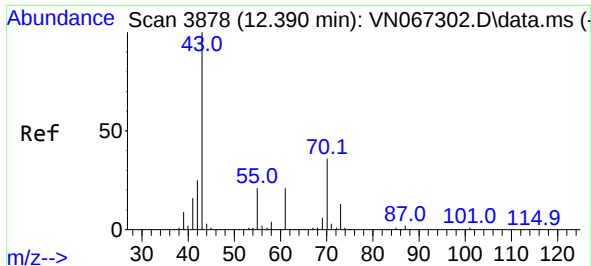
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#46
Methyl methacrylate
Concen: 2.09 ug/l
RT: 9.564 min Scan# 2824
Delta R.T. 0.000 min
Lab File: VN067365.D
Acq: 16 Jun 2021 16:03

Tgt Ion: 41 Resp: 12679
Ion Ratio Lower Upper
41 100
69 84.1 38.0 114.1
39 71.4 33.9 101.7





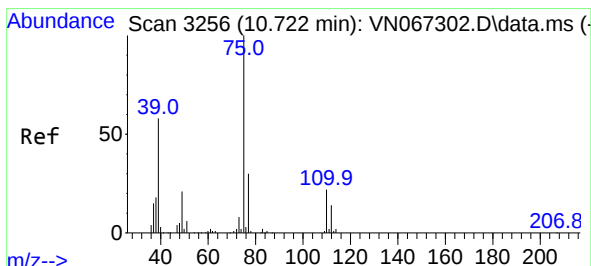
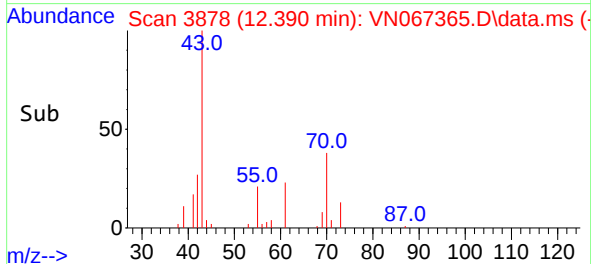
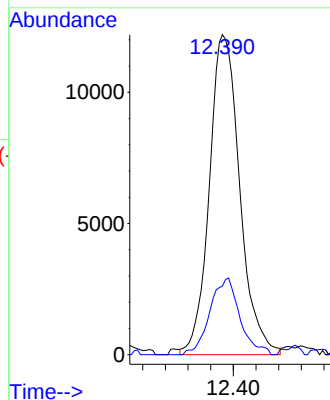
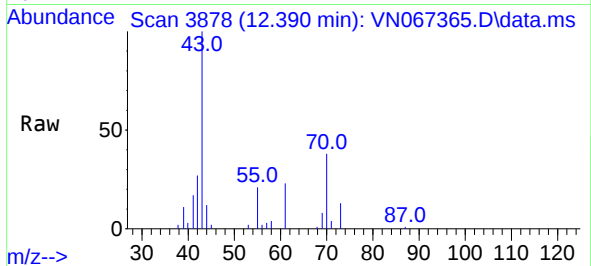
#47
n-amyl Acetate
Concen: 1.96 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VN067365.D
Acq: 16 Jun 2021 16:03

Tgt Ion: 43 Resp: 22737
Ion Ratio Lower Upper
43 100
55 19.9 17.6 26.4

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2021

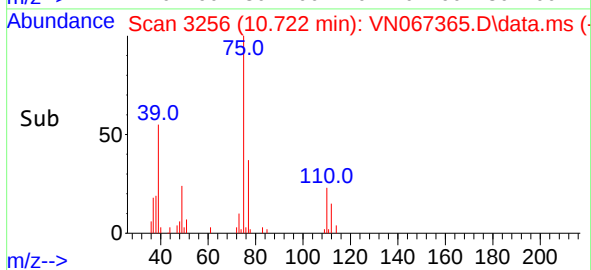
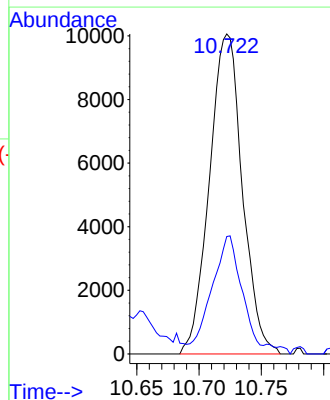
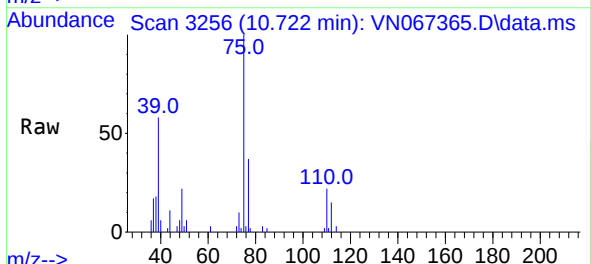
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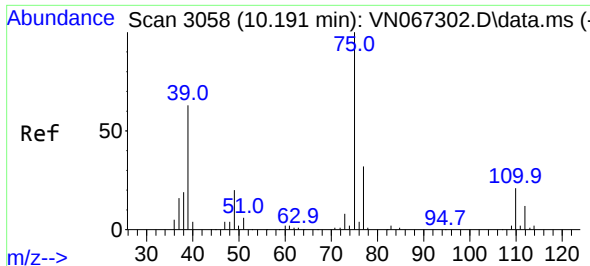
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#48
t-1,3-Dichloropropene
Concen: 2.11 ug/l
RT: 10.722 min Scan# 3256
Delta R.T. 0.000 min
Lab File: VN067365.D
Acq: 16 Jun 2021 16:03

Tgt Ion: 75 Resp: 18537
Ion Ratio Lower Upper
75 100
77 36.3 24.6 37.0





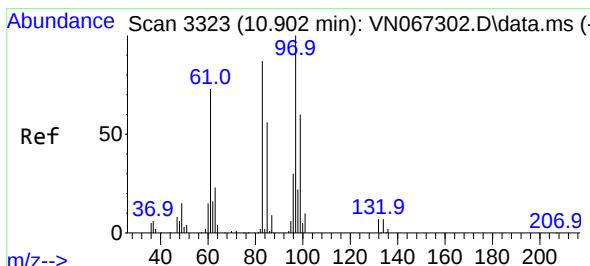
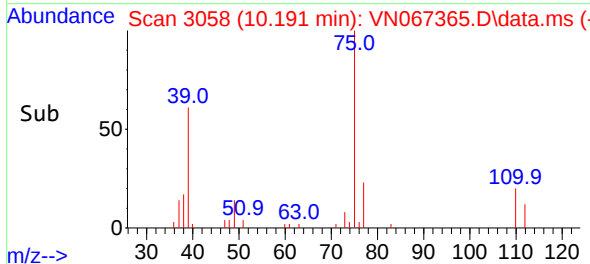
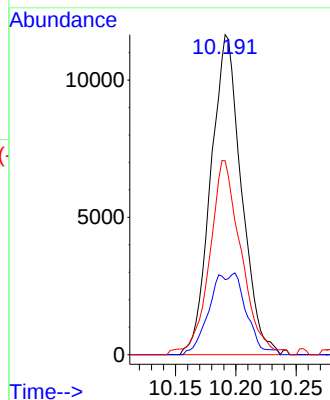
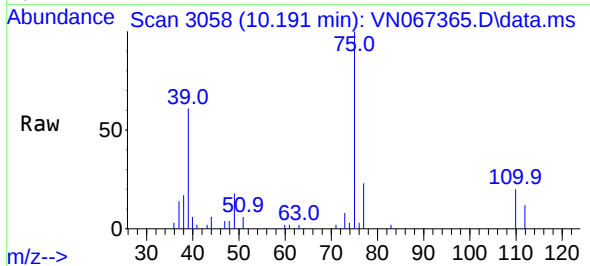
#49
cis-1,3-Dichloropropene
Concen: 2.33 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. 0.000 min
Lab File: VN067365.D
Acq: 16 Jun 2021 16:03

Tgt Ion:	75	Resp:	20571
Ion	Ratio	Lower	Upper
75	100		
77	23.5	26.0	39.0#
39	59.0	50.6	76.0

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2021

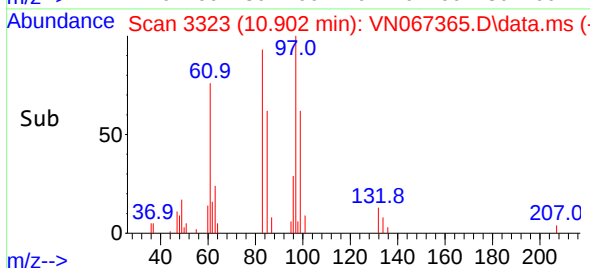
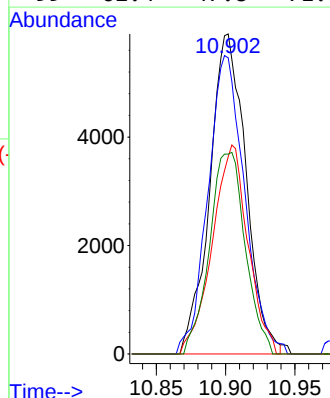
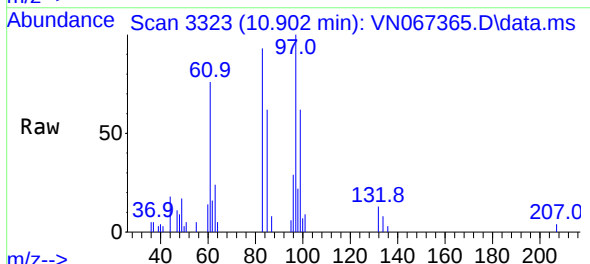
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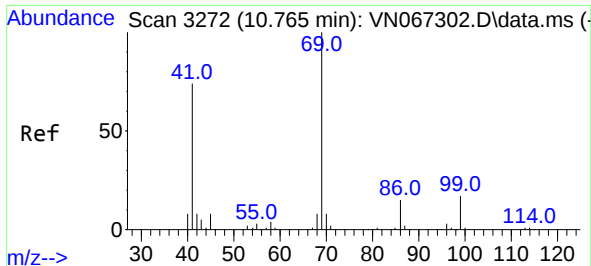
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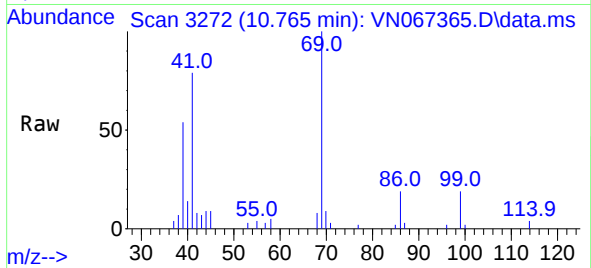
#50
1,1,2-Trichloroethane
Concen: 2.24 ug/l
RT: 10.902 min Scan# 3323
Delta R.T. 0.000 min
Lab File: VN067365.D
Acq: 16 Jun 2021 16:03

Tgt Ion:	97	Resp:	10720
Ion	Ratio	Lower	Upper
97	100		
83	89.3	69.6	104.4
85	61.6	45.2	67.8
99	62.4	47.8	71.6



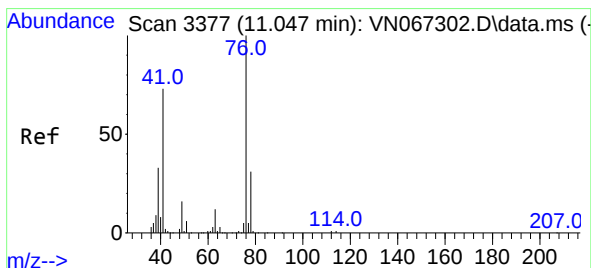
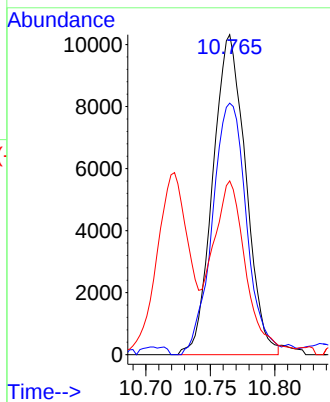
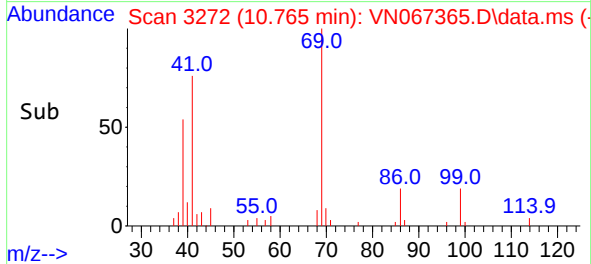


#51
Ethyl methacrylate
Concen: 2.09 ug/l
RT: 10.765 min Scan# 3272
Delta R.T. 0.000 min
Lab File: VN067365.D
Acq: 16 Jun 2021 16:03

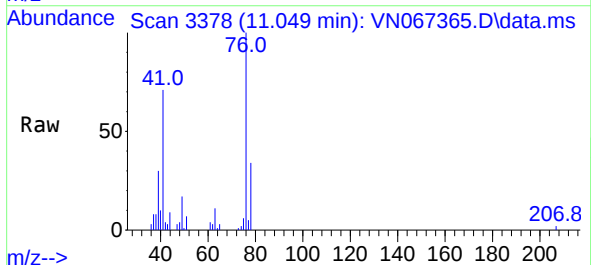


Tgt Ion: 69 Resp: 18283

Ion	Ratio	Lower	Upper
69	100		
41	78.6	36.8	110.4
39	51.3	23.8	71.2

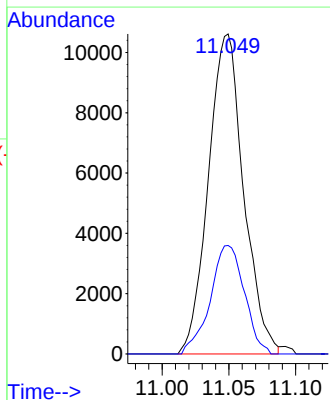
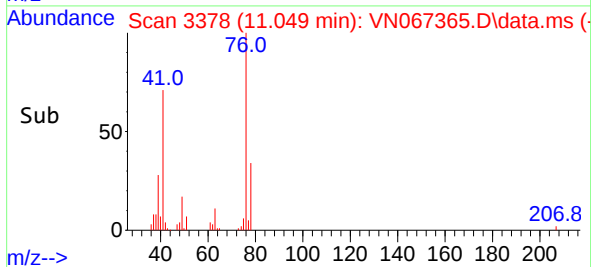


#52
1,3-Dichloropropane
Concen: 2.23 ug/l
RT: 11.049 min Scan# 3378
Delta R.T. 0.003 min
Lab File: VN067365.D
Acq: 16 Jun 2021 16:03



Tgt Ion: 76 Resp: 19478

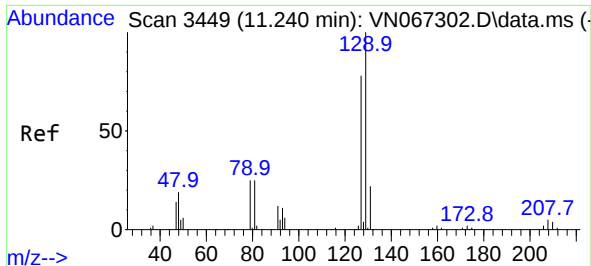
Ion	Ratio	Lower	Upper
76	100		
78	32.8	0.0	64.0



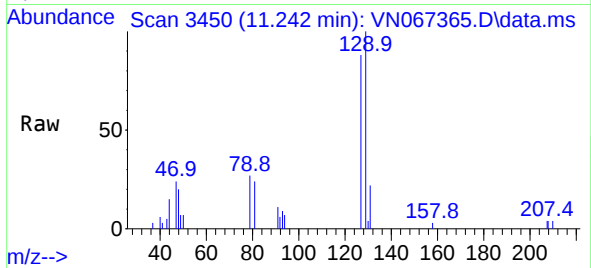
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2021

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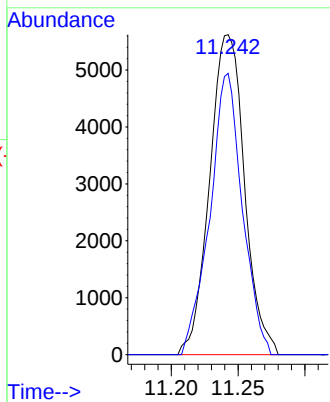
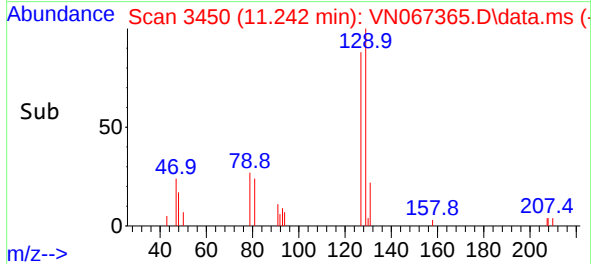
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#53
Dibromochloromethane
Concen: 1.92 ug/l
RT: 11.242 min Scan# 3450
Delta R.T. 0.003 min
Lab File: VN067365.D
Acq: 16 Jun 2021 16:03



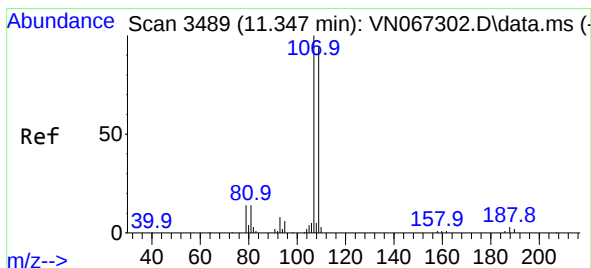
Tgt Ion:129 Resp: 10233
Ion Ratio Lower Upper
129 100
127 81.7 38.8 116.4



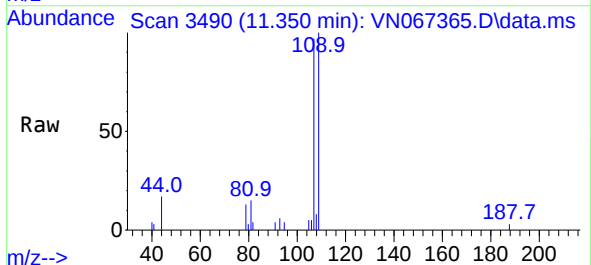
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2021

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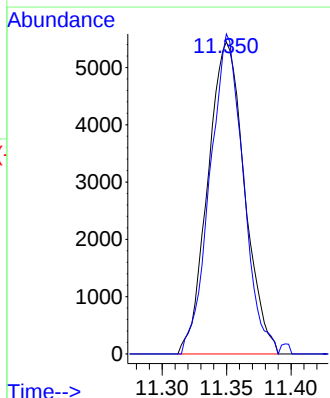
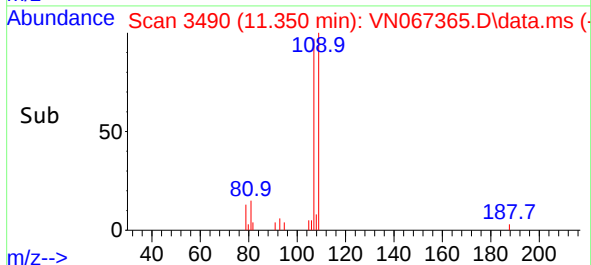
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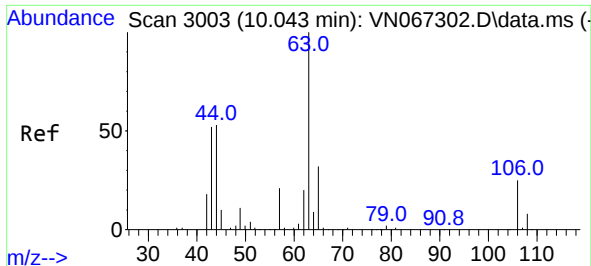


#54
1,2-Dibromoethane
Concen: 2.15 ug/l
RT: 11.350 min Scan# 3490
Delta R.T. 0.003 min
Lab File: VN067365.D
Acq: 16 Jun 2021 16:03

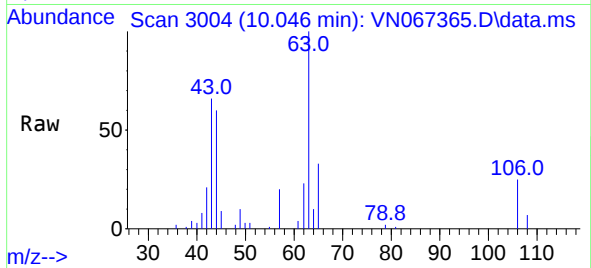


Tgt Ion:107 Resp: 10766
Ion Ratio Lower Upper
107 100
109 93.1 75.0 112.6

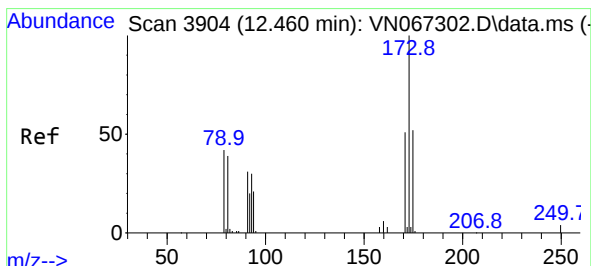
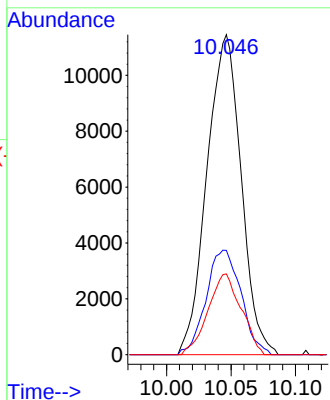
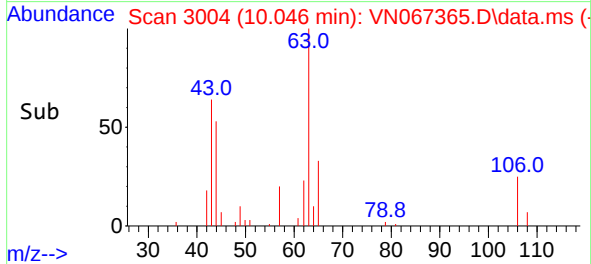




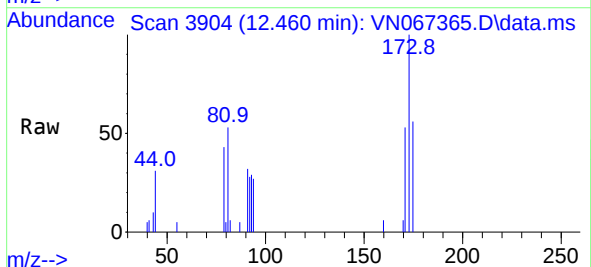
#55
2-Chloroethyl vinyl ether
Concen: 9.51 ug/l
RT: 10.046 min Scan# 3004
Delta R.T. 0.003 min
Lab File: VN067365.D
Acq: 16 Jun 2021 16:03



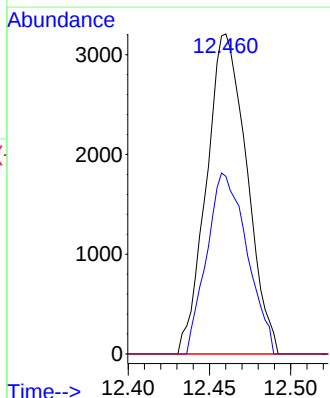
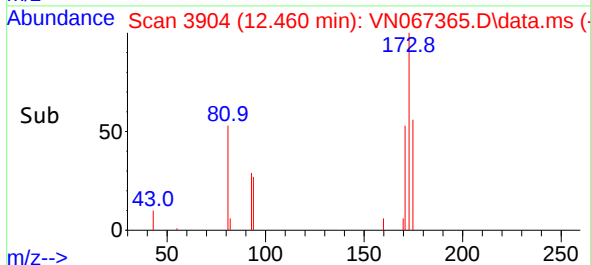
Tgt Ion: 63 Resp: 21112
Ion Ratio Lower Upper
63 100
65 33.4 25.6 38.4
106 24.5 20.0 30.0



#56
Bromoform
Concen: 1.53 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. 0.000 min
Lab File: VN067365.D
Acq: 16 Jun 2021 16:03



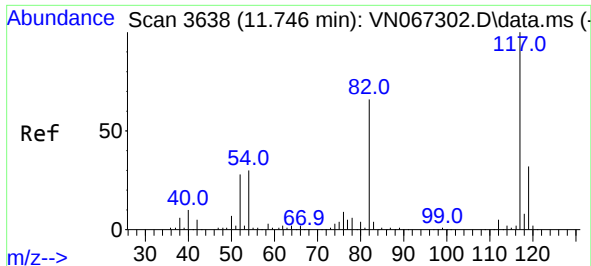
Tgt Ion: 173 Resp: 5530
Ion Ratio Lower Upper
173 100
175 56.4 39.4 59.2
254 0.0 0.0 0.0



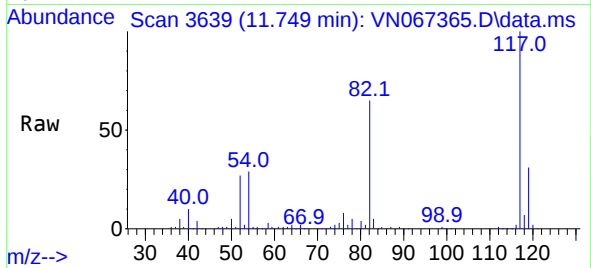
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2021

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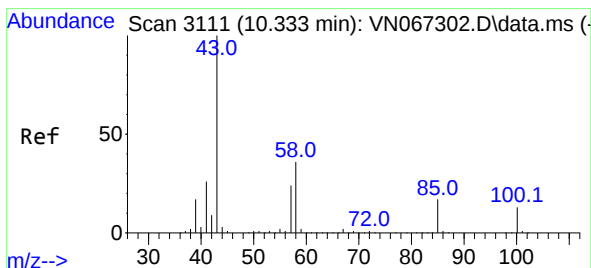
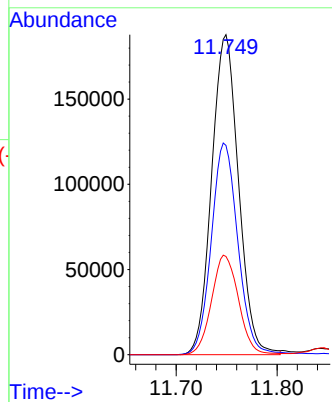
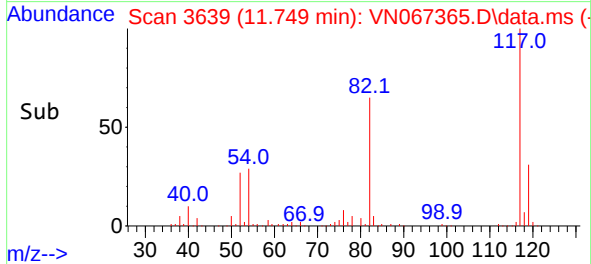
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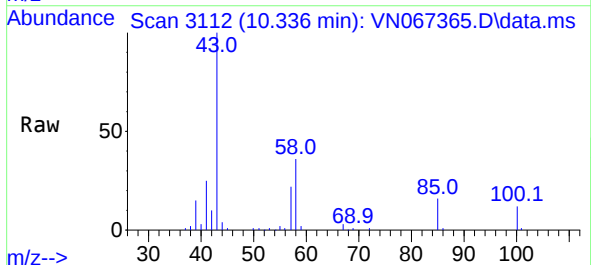
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067365.D
Acq: 16 Jun 2021 16:03



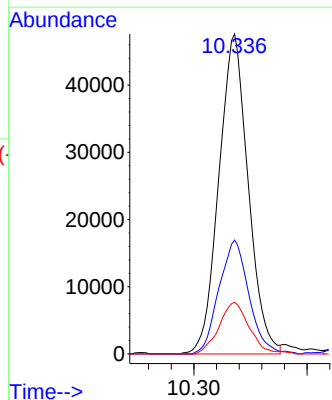
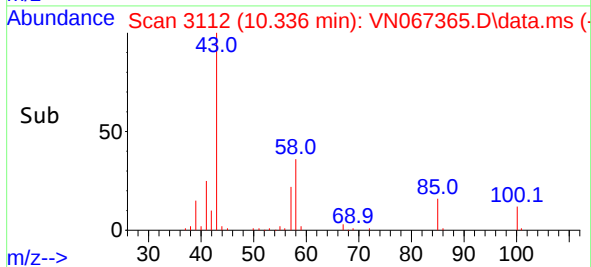
Tgt Ion: 117 Resp: 346796
Ion Ratio Lower Upper
117 100
82 65.6 52.5 78.7
119 31.3 25.8 38.8



#58
4-Methyl-2-Pentanone
Concen: 11.23 ug/l
RT: 10.336 min Scan# 3112
Delta R.T. 0.003 min
Lab File: VN067365.D
Acq: 16 Jun 2021 16:03



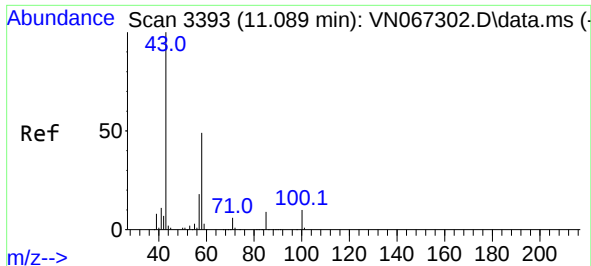
Tgt Ion: 43 Resp: 85591
Ion Ratio Lower Upper
43 100
58 36.1 29.0 43.4
85 16.4 13.2 19.8



Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2021

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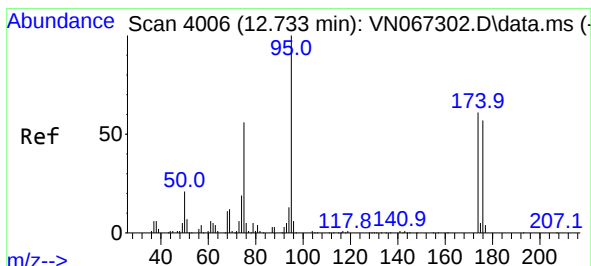
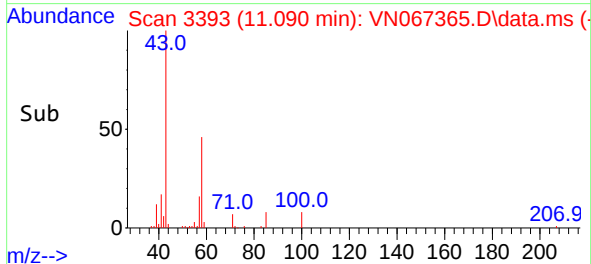
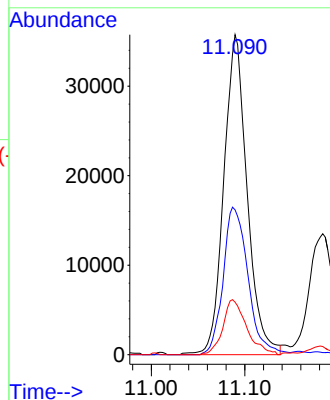
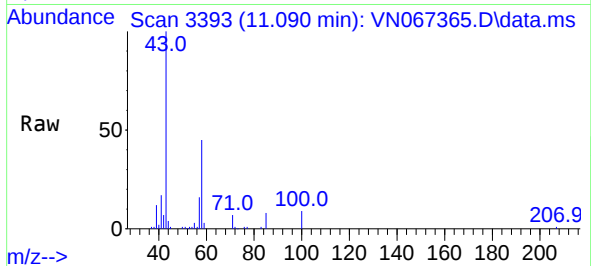
#59
2-Hexanone
Concen: 11.25 ug/l
RT: 11.090 min Scan# 3393
Delta R.T. 0.000 min
Lab File: VN067365.D
Acq: 16 Jun 2021 16:03

Tgt Ion:	43	Resp:	62005
Ion	Ratio	Lower	Upper
43	100		
58	49.2	39.4	59.0
57	17.6	14.4	21.6

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2021

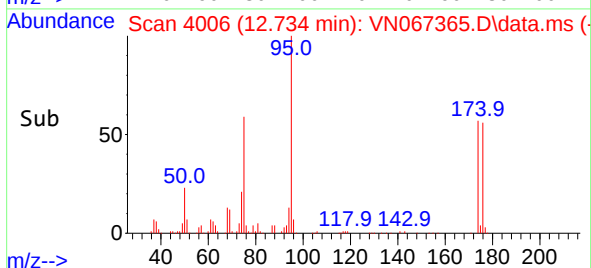
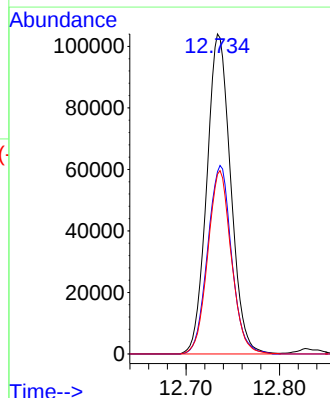
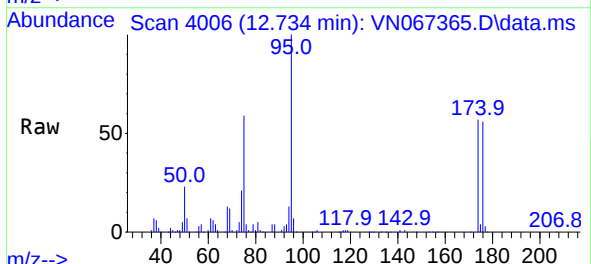
Manual Integrations
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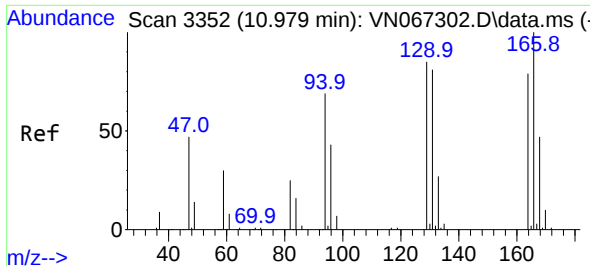
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#60
4-Bromofluorobenzene
Concen: 27.64 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067365.D
Acq: 16 Jun 2021 16:03

Tgt Ion:	95	Resp:	185070
Ion	Ratio	Lower	Upper
95	100		
174	59.0	47.7	71.5
176	56.4	45.7	68.5





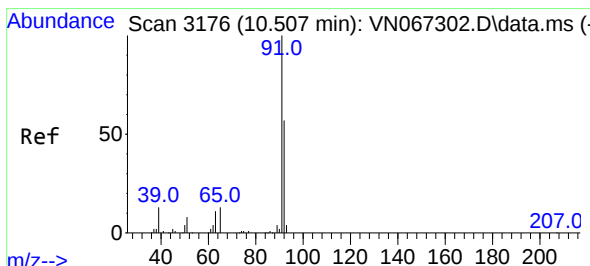
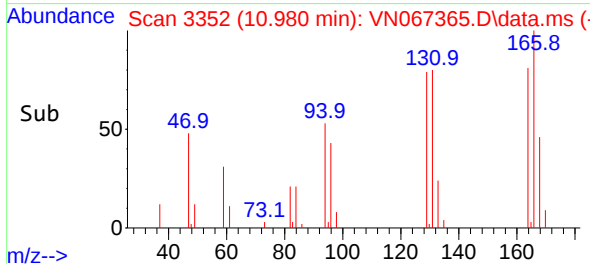
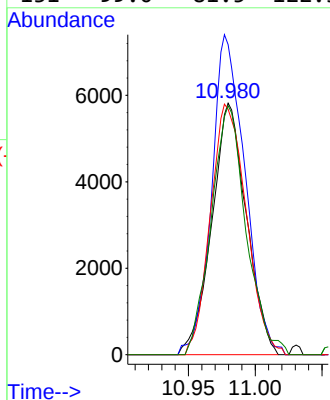
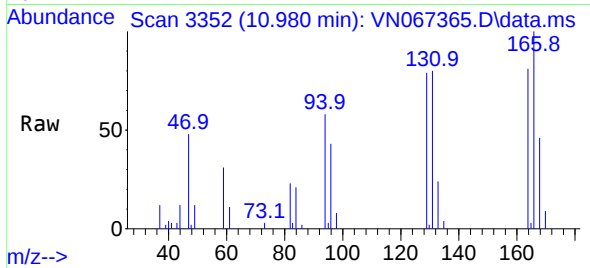
#61
Tetrachloroethene
Concen: 2.61 ug/l
RT: 10.980 min Scan# 3352
Delta R.T. 0.000 min
Lab File: VN067365.D
Acq: 16 Jun 2021 16:03

Tgt Ion:164 Resp: 10480
Ion Ratio Lower Upper
164 100
166 123.3 101.0 151.4
129 97.6 85.5 128.3
131 99.0 81.5 122.3

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2021

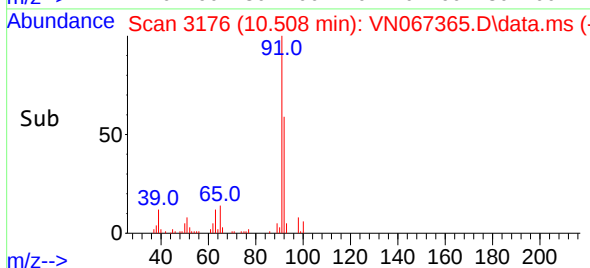
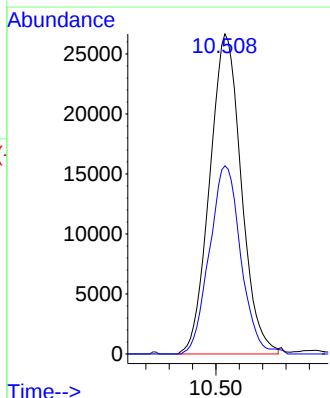
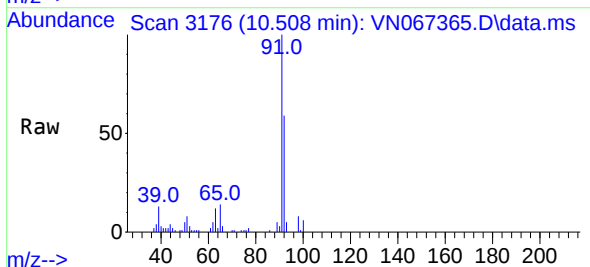
Manual Integrations
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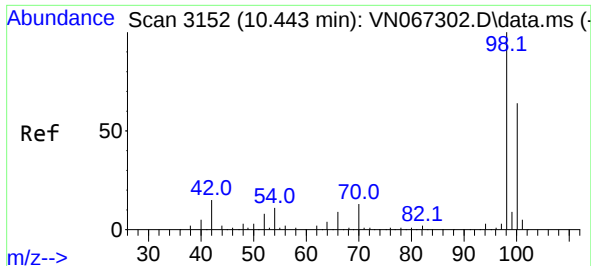
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#62
Toluene
Concen: 2.41 ug/l
RT: 10.508 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN067365.D
Acq: 16 Jun 2021 16:03

Tgt Ion: 91 Resp: 50015
Ion Ratio Lower Upper
91 100
92 57.9 46.1 69.1





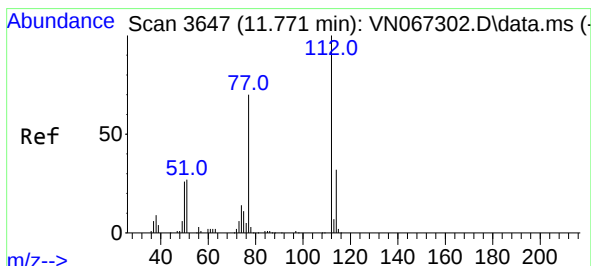
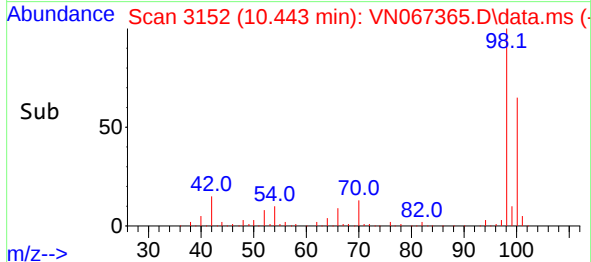
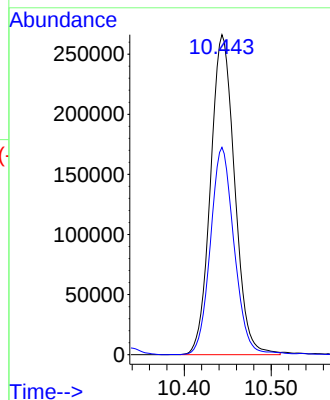
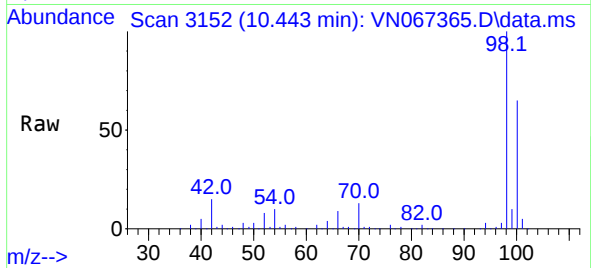
#63
Toluene-d8
Concen: 31.00 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067365.D
Acq: 16 Jun 2021 16:03

Tgt Ion: 98 Resp: 512755
Ion Ratio Lower Upper
98 100
100 63.1 51.2 76.8

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2021

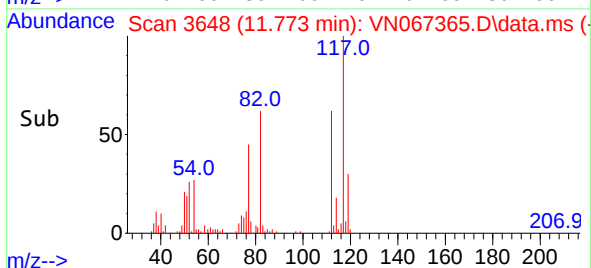
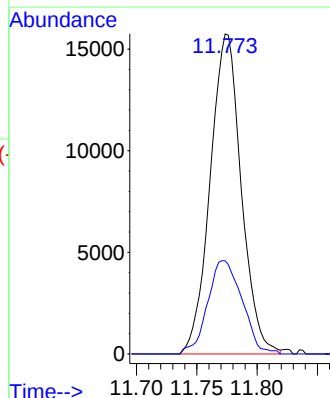
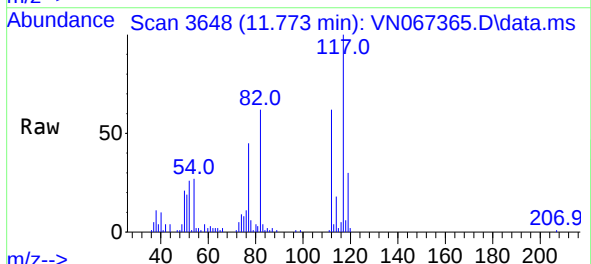
Manual Integrations
APPROVED

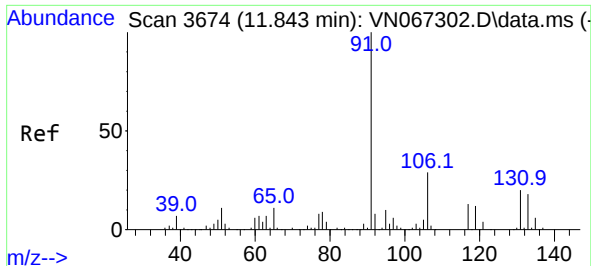
MMDadoda
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#64
Chlorobenzene
Concen: 2.31 ug/l
RT: 11.773 min Scan# 3648
Delta R.T. 0.003 min
Lab File: VN067365.D
Acq: 16 Jun 2021 16:03

Tgt Ion: 112 Resp: 28217
Ion Ratio Lower Upper
112 100
114 29.1 25.4 38.0





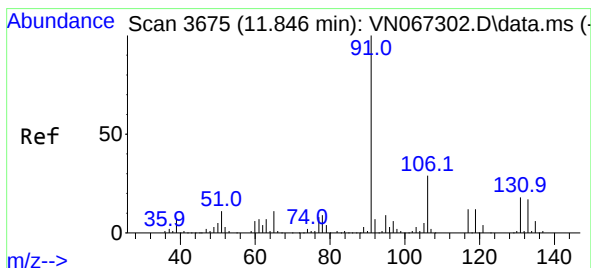
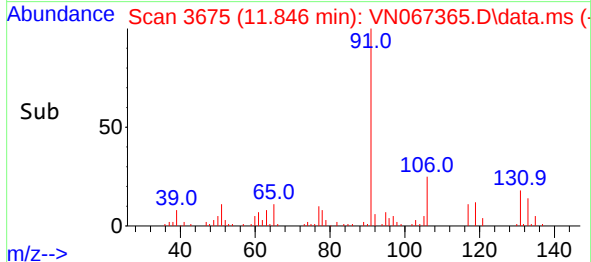
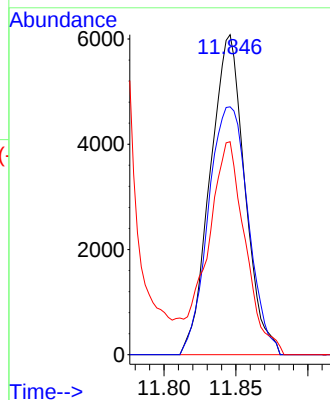
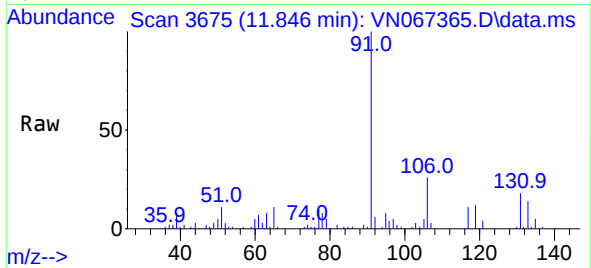
#65
1,1,1,2-Tetrachloroethane
Concen: 2.21 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.003 min
Lab File: VN067365.D
Acq: 16 Jun 2021 16:03

Tgt Ion:131 Resp: 10189
Ion Ratio Lower Upper
131 100
133 89.2 0.0 189.6
119 71.7 0.0 130.0

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2021

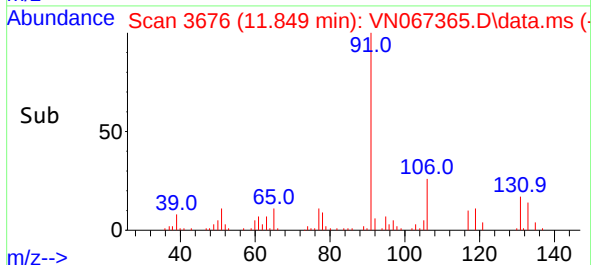
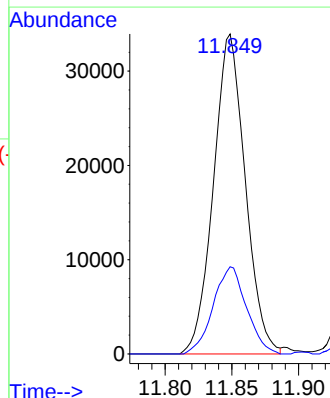
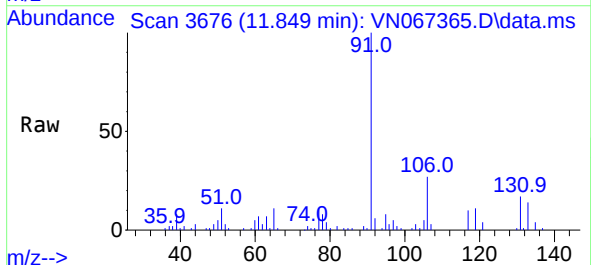
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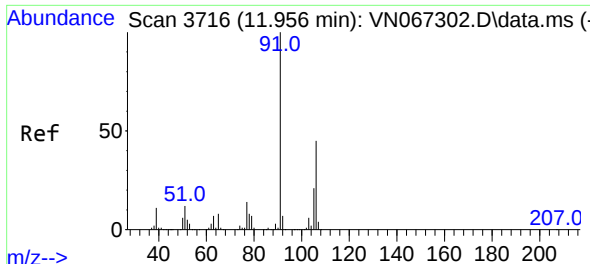
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#66
Ethyl Benzene
Concen: 2.33 ug/l
RT: 11.849 min Scan# 3676
Delta R.T. 0.003 min
Lab File: VN067365.D
Acq: 16 Jun 2021 16:03

Tgt Ion: 91 Resp: 56232
Ion Ratio Lower Upper
91 100
106 27.2 23.4 35.0





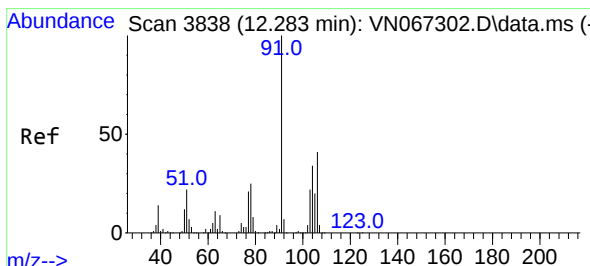
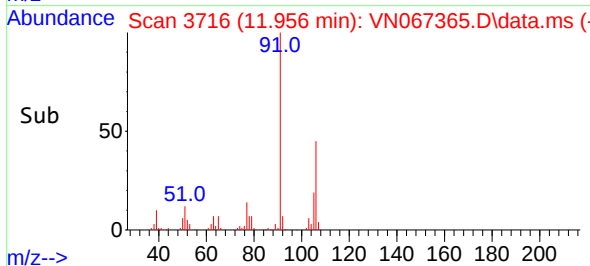
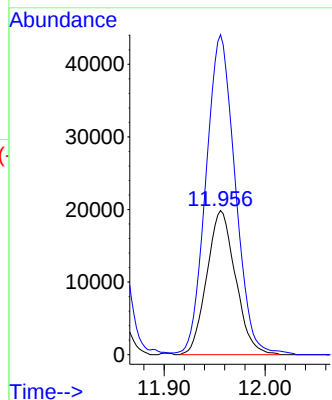
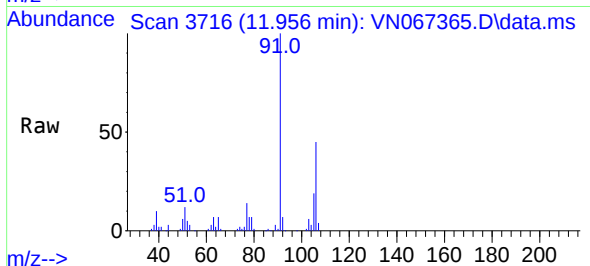
#67
m/p-Xylenes
Concen: 4.61 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.000 min
Lab File: VN067365.D
Acq: 16 Jun 2021 16:03

Tgt Ion:106 Resp: 39210
Ion Ratio Lower Upper
106 100
91 226.3 181.3 271.9

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2021

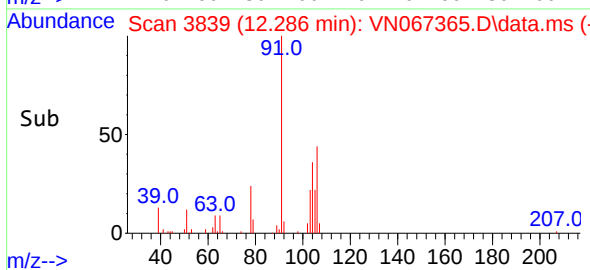
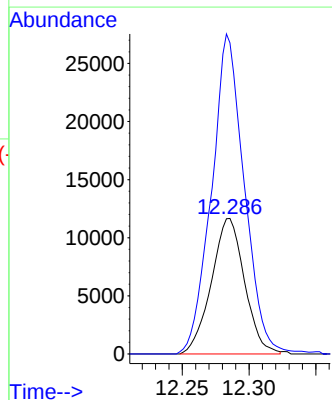
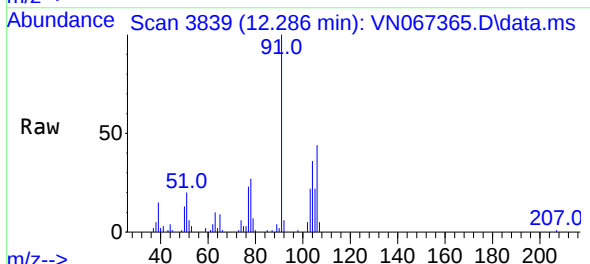
Manual Integrations
APPROVED

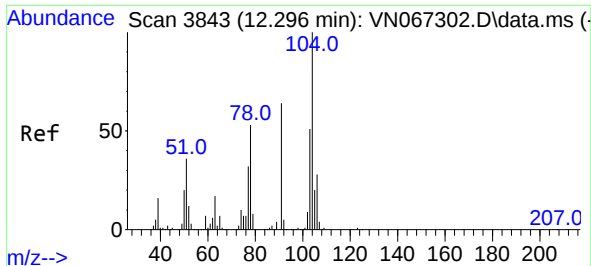
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#68
o-Xylene
Concen: 2.37 ug/l
RT: 12.286 min Scan# 3839
Delta R.T. 0.003 min
Lab File: VN067365.D
Acq: 16 Jun 2021 16:03

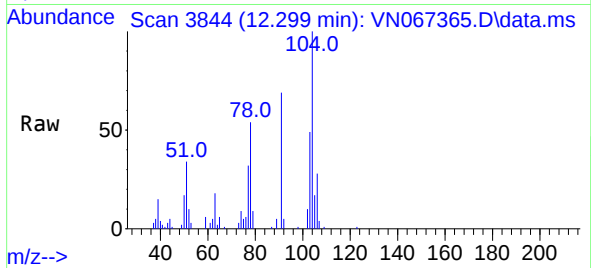
Tgt Ion:106 Resp: 20141
Ion Ratio Lower Upper
106 100
91 232.8 120.0 360.0





#69
Styrene
Concen: 2.14 ug/l
RT: 12.299 min Scan# 3844
Delta R.T. 0.003 min
Lab File: VN067365.D
Acq: 16 Jun 2021 16:03

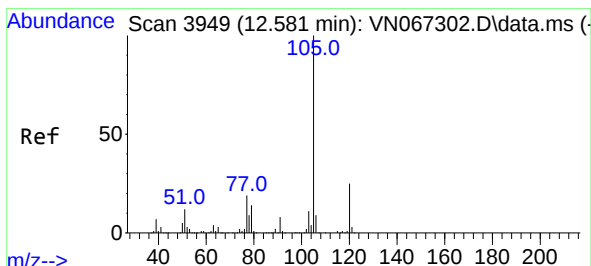
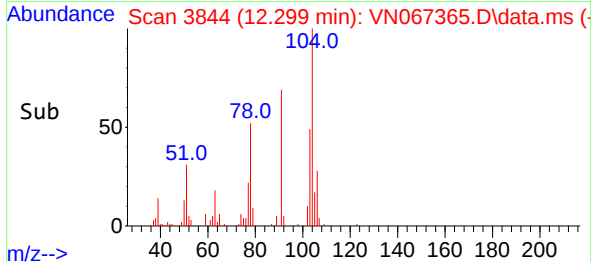
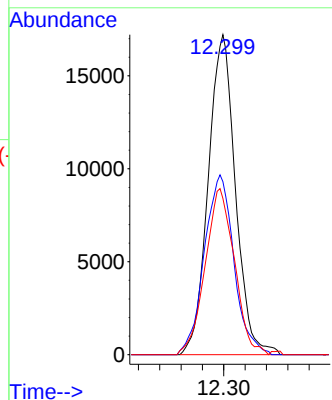
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2021



Tgt Ion:104 Resp: 30491
Ion Ratio Lower Upper
104 100
78 61.1 48.2 72.2
103 55.0 44.5 66.7

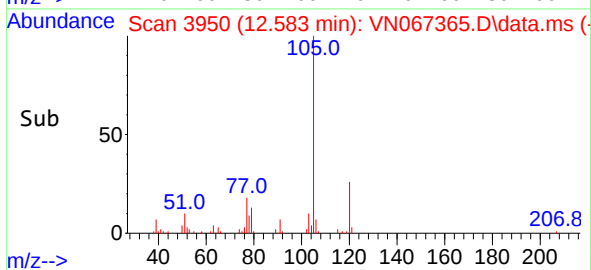
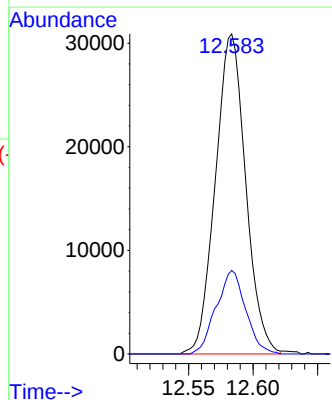
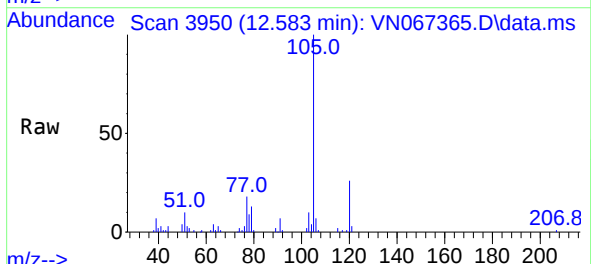
Manual Integrations
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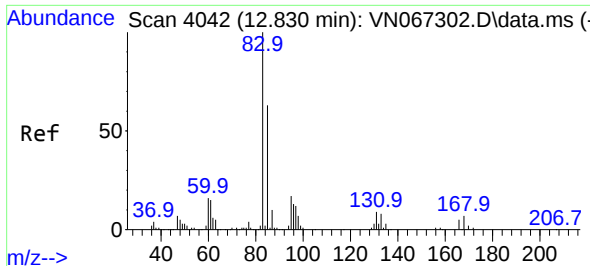
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#70
Isopropylbenzene
Concen: 2.31 ug/l
RT: 12.583 min Scan# 3950
Delta R.T. 0.003 min
Lab File: VN067365.D
Acq: 16 Jun 2021 16:03

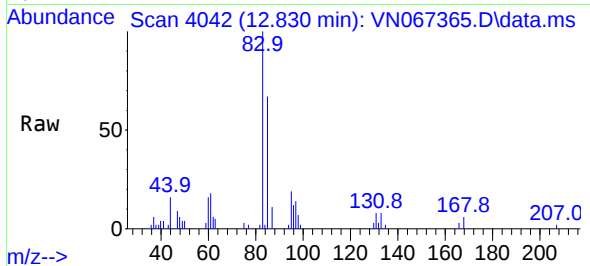
Tgt Ion:105 Resp: 50482
Ion Ratio Lower Upper
105 100
120 25.3 17.6 32.6





#71
1,1,2,2-Tetrachloroethane
Concen: 2.29 ug/l
RT: 12.830 min Scan# 4042
Delta R.T. 0.000 min
Lab File: VN067365.D
Acq: 16 Jun 2021 16:03

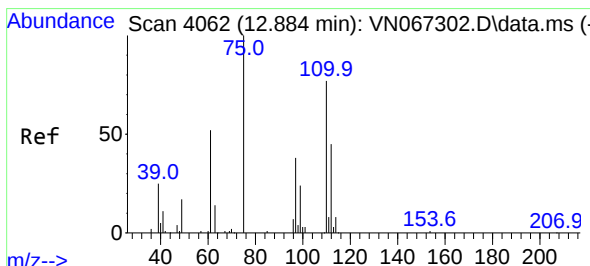
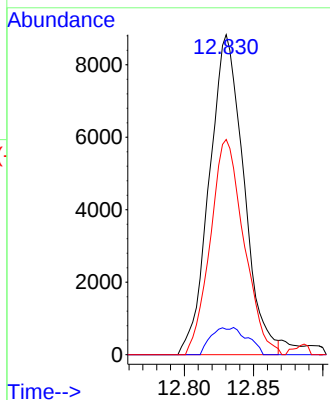
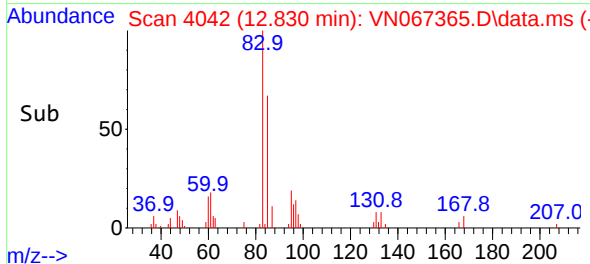
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2021



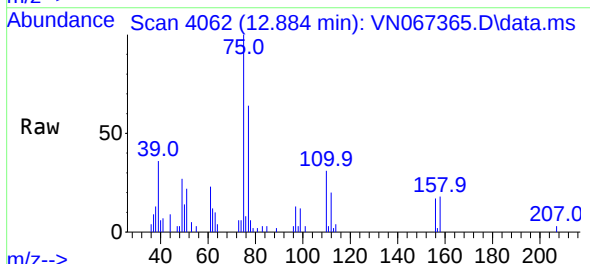
Tgt Ion: 83 Resp: 15233
Ion Ratio Lower Upper
83 100
131 4.1 4.7 14.0#
85 65.8 32.2 96.6

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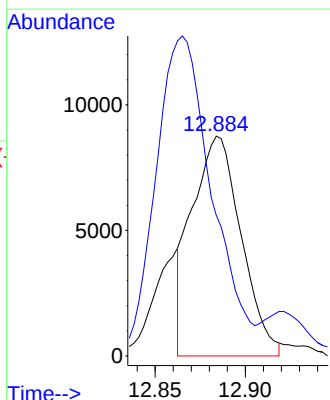
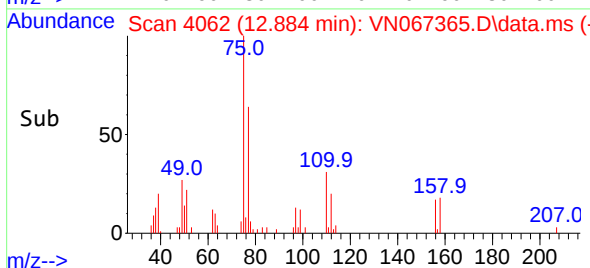
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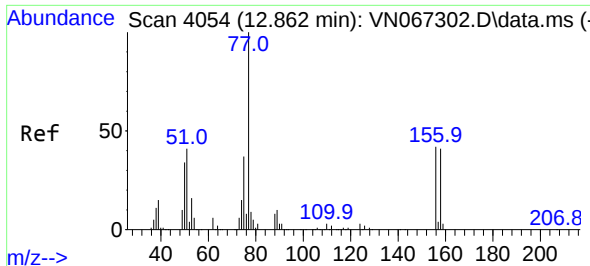


#72
1,2,3-Trichloropropane
Concen: 2.50 ug/l m
RT: 12.884 min Scan# 4062
Delta R.T. 0.000 min
Lab File: VN067365.D
Acq: 16 Jun 2021 16:03

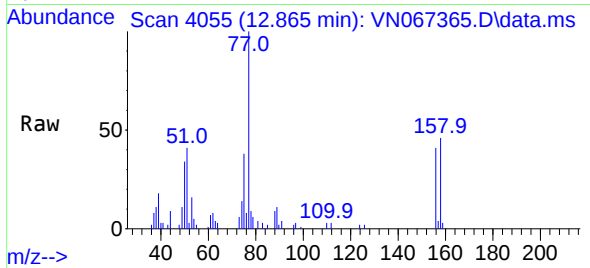


Tgt Ion: 75 Resp: 16599
Ion Ratio Lower Upper
75 100
77 165.8 0.0 374.2

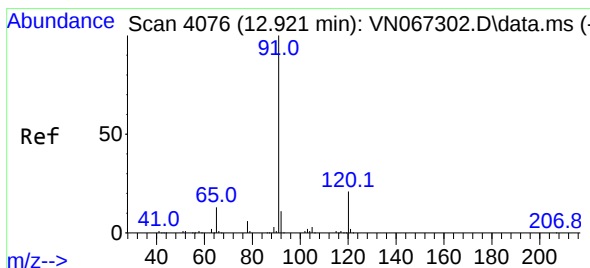
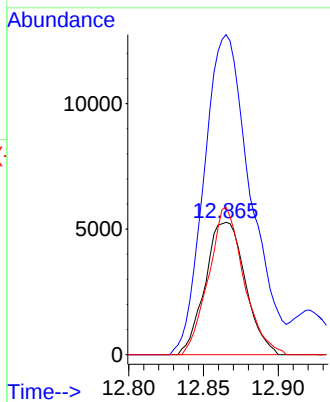
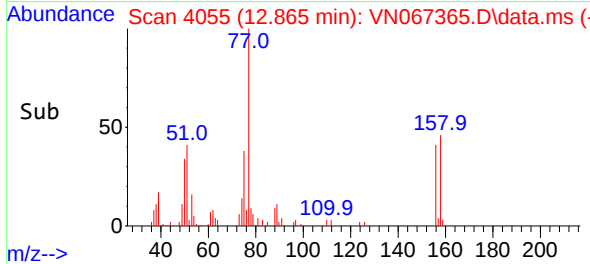




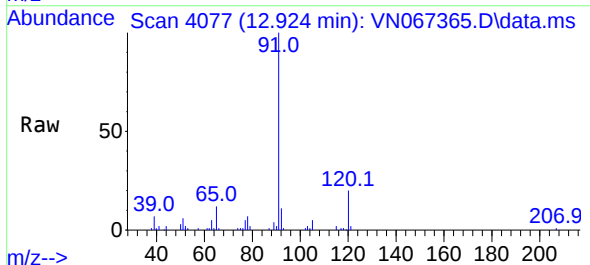
#73
Bromobenzene
Concen: 2.16 ug/l
RT: 12.865 min Scan# 4055
Delta R.T. 0.003 min
Lab File: VN067365.D
Acq: 16 Jun 2021 16:03



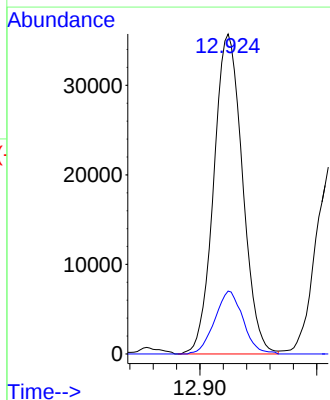
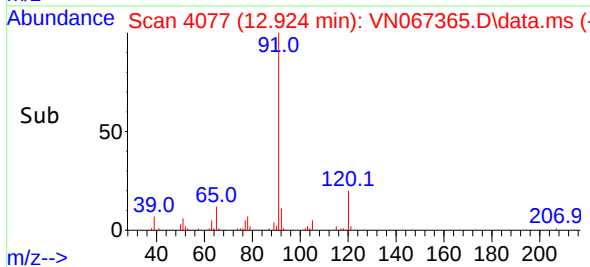
Tgt Ion:156 Resp: 9814
Ion Ratio Lower Upper
156 100
77 280.3 0.0 548.0
158 98.1 0.0 194.0



#74
n-propylbenzene
Concen: 2.32 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. 0.003 min
Lab File: VN067365.D
Acq: 16 Jun 2021 16:03



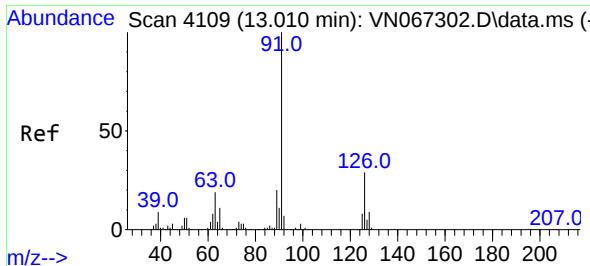
Tgt Ion: 91 Resp: 60993
Ion Ratio Lower Upper
91 100
120 19.4 0.0 41.0



Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2021

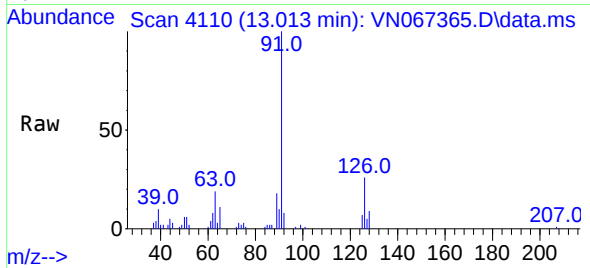
Manual Integrations
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#75
2-Chlorotoluene
Concen: 2.21 ug/l
RT: 13.013 min Scan# 4110
Delta R.T. 0.003 min
Lab File: VN067365.D
Acq: 16 Jun 2021 16:03

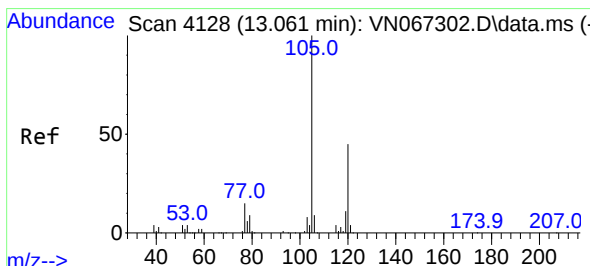
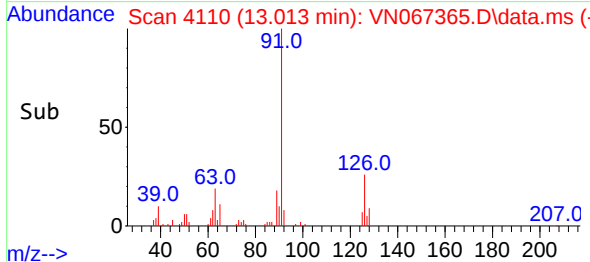
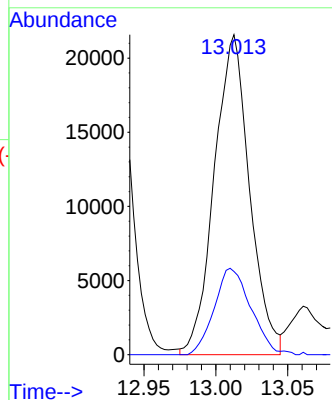
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2021



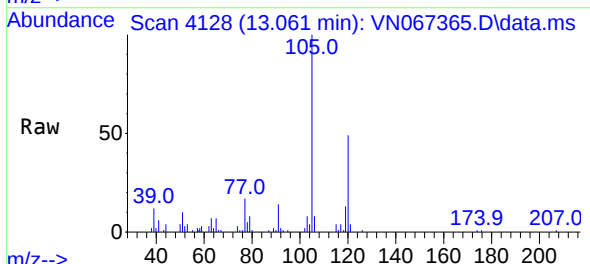
Tgt Ion: 91 Resp: 36847
Ion Ratio Lower Upper
91 100
126 27.8 0.0 0.0#

Manual Integrations
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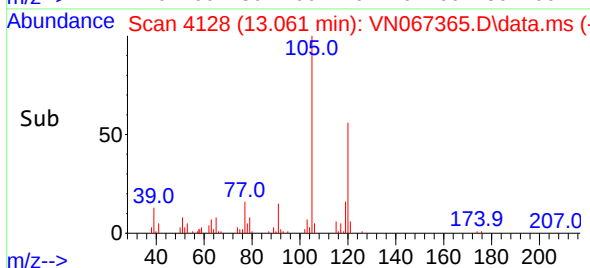
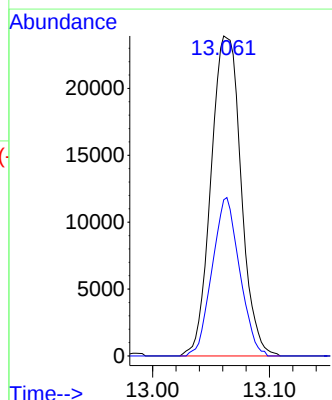
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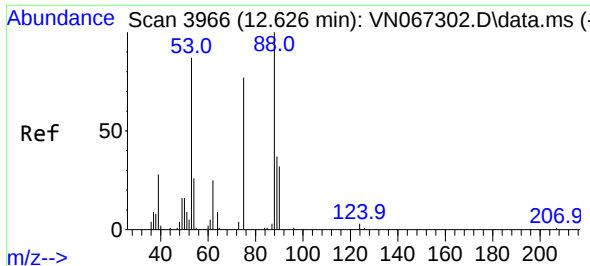


#76
1,3,5-Trimethylbenzene
Concen: 2.31 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN067365.D
Acq: 16 Jun 2021 16:03



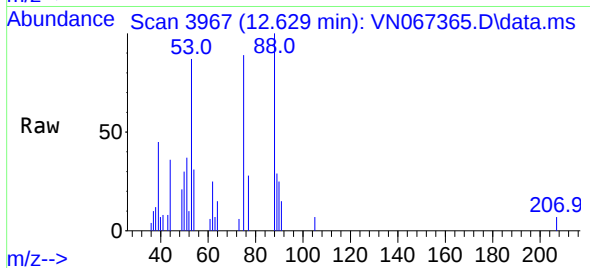
Tgt Ion: 105 Resp: 42718
Ion Ratio Lower Upper
105 100
120 45.2 0.0 90.2





#77
t-1,4-Dichloro-2-butene
Concen: 2.10 ug/l
RT: 12.629 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VN067365.D
Acq: 16 Jun 2021 16:03

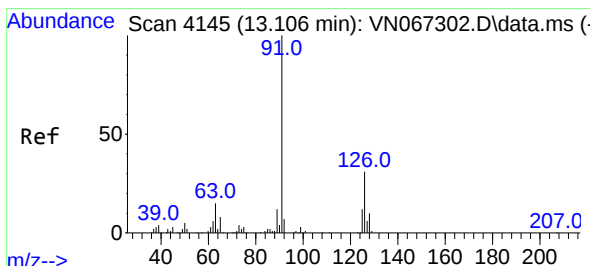
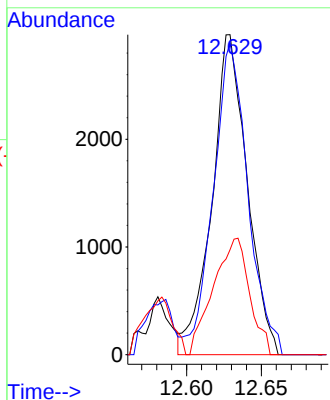
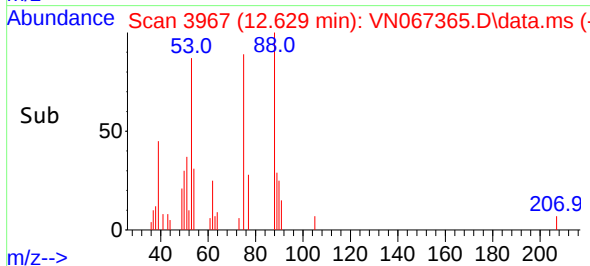
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2021



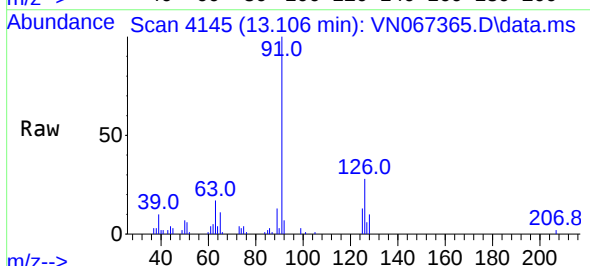
Tgt Ion: 75 Resp: 4858
Ion Ratio Lower Upper
75 100
53 91.8 55.2 165.6
89 32.8 24.5 73.5

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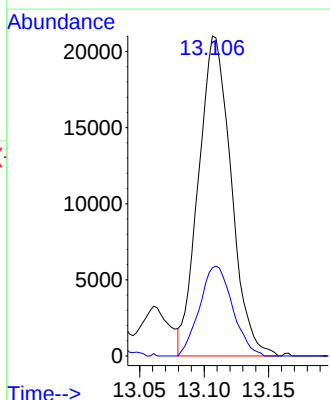
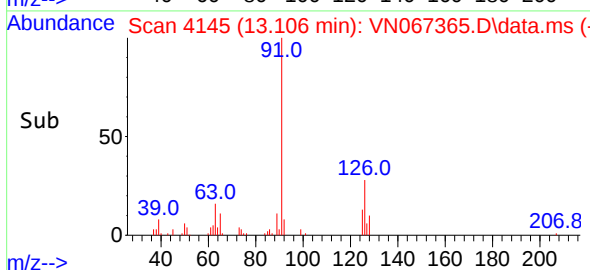
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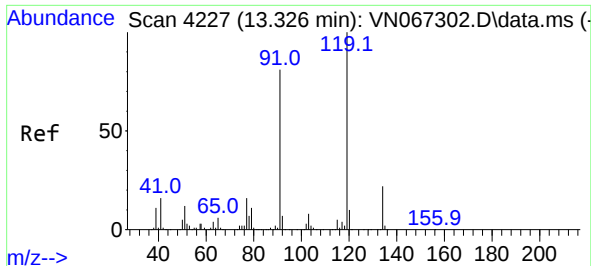


#78
4-Chlorotoluene
Concen: 2.24 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN067365.D
Acq: 16 Jun 2021 16:03



Tgt Ion: 91 Resp: 37031
Ion Ratio Lower Upper
91 100
126 28.3 0.0 57.6





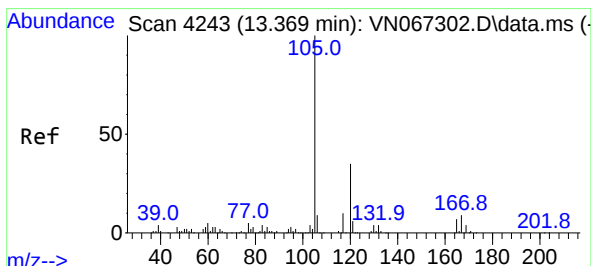
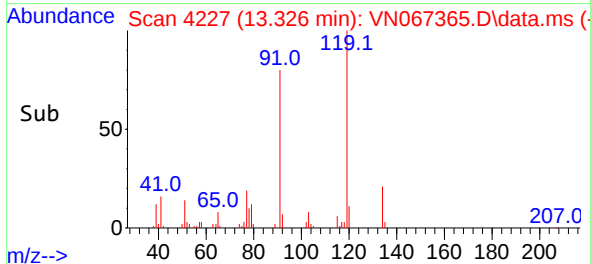
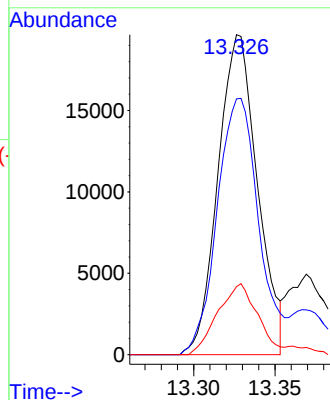
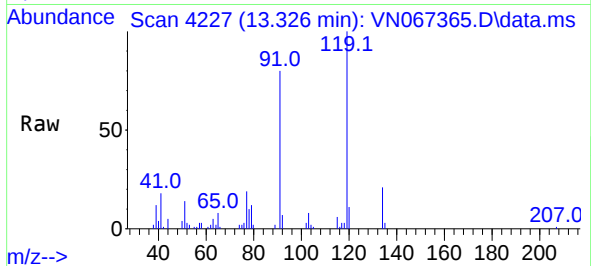
#79
tert-butylbenzene
Concen: 2.23 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. 0.000 min
Lab File: VN067365.D
Acq: 16 Jun 2021 16:03

Tgt Ion:	119	Resp:	33180
Ion Ratio	Lower	Upper	
119	100		
91	84.2	0.0	158.4
134	22.5	0.0	43.6

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2021

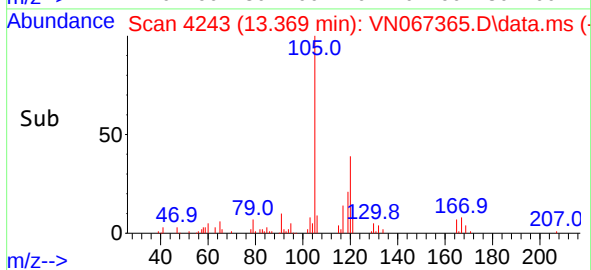
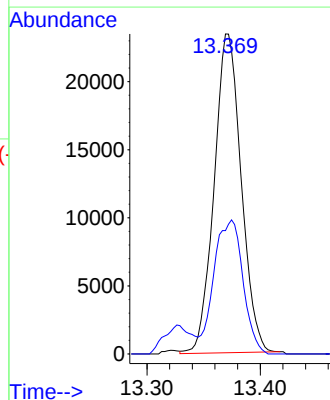
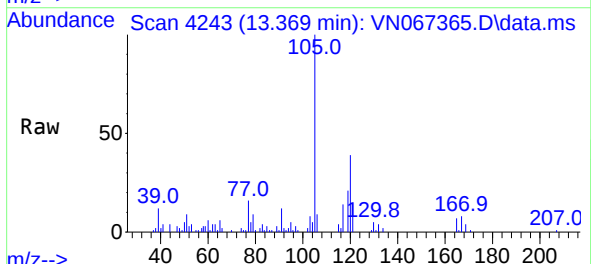
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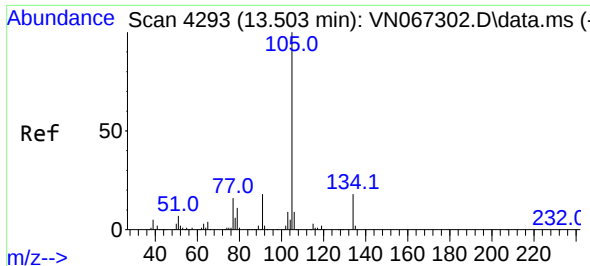
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#80
1,2,4-Trimethylbenzene
Concen: 2.12 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN067365.D
Acq: 16 Jun 2021 16:03

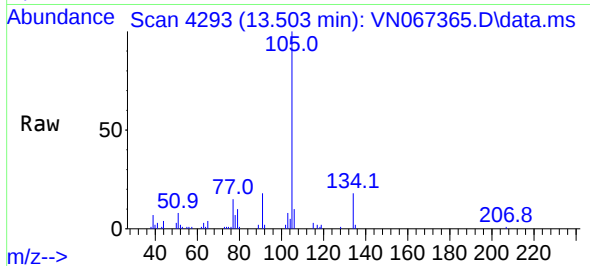
Tgt Ion:	105	Resp:	38774
Ion Ratio	Lower	Upper	
105	100		
120	45.2	0.0	0.4#





#81
 sec-Butylbenzene
 Concen: 2.35 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN067365.D
 Acq: 16 Jun 2021 16:03

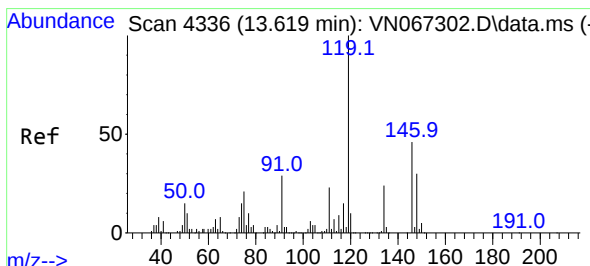
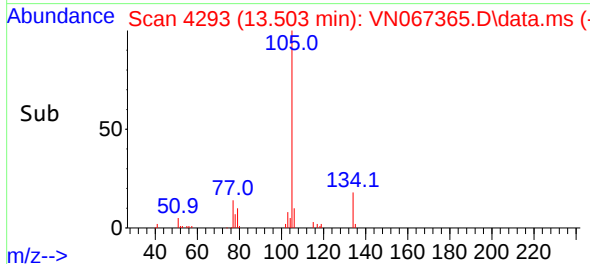
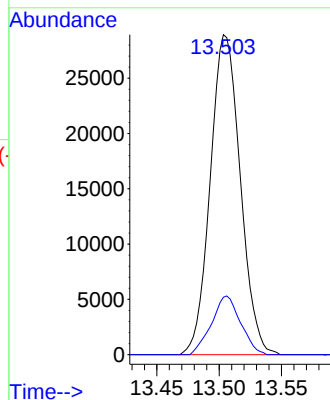
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2021



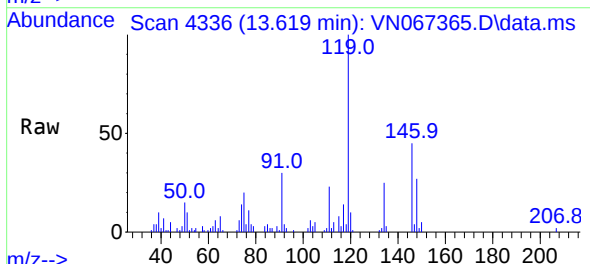
Tgt Ion:105 Resp: 48552
 Ion Ratio Lower Upper
 105 100
 134 17.8 0.0 35.4

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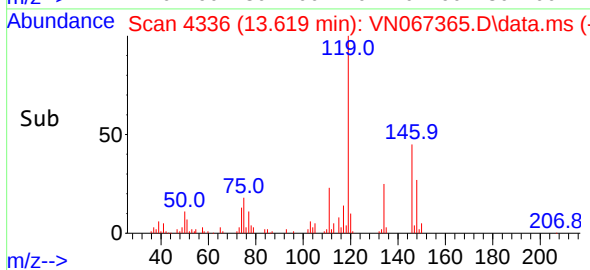
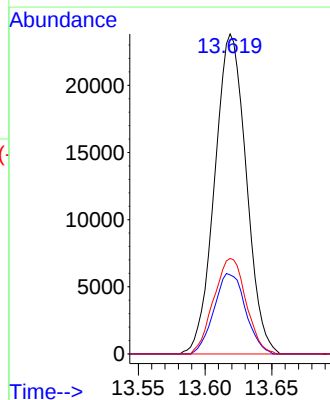
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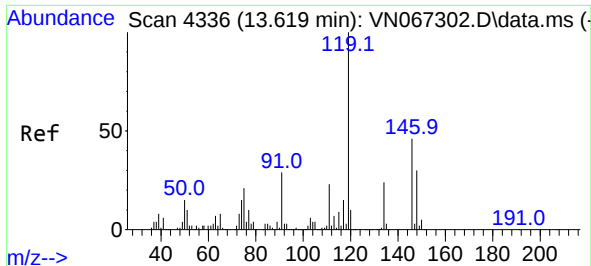


#82
 p-Isopropyltoluene
 Concen: 2.35 ug/l
 RT: 13.619 min Scan# 4336
 Delta R.T. 0.000 min
 Lab File: VN067365.D
 Acq: 16 Jun 2021 16:03

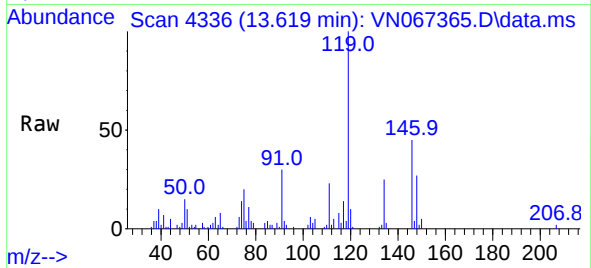


Tgt Ion:119 Resp: 39143
 Ion Ratio Lower Upper
 119 100
 134 25.1 0.0 49.0
 91 30.5 0.0 59.6

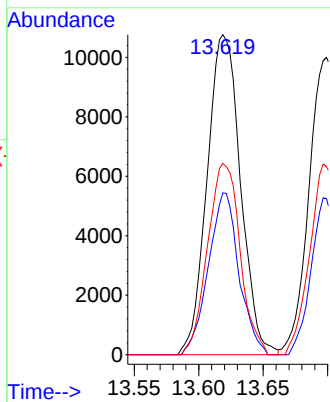
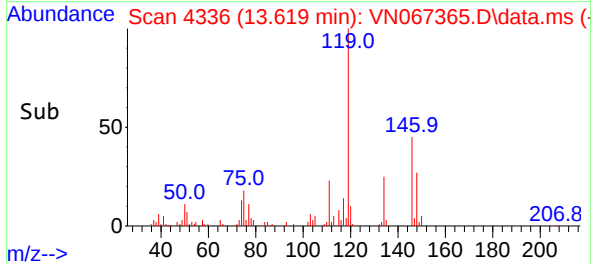




#83
1,3-Dichlorobenzene
Concen: 2.37 ug/l
RT: 13.619 min Scan# 4336
Delta R.T. 0.000 min
Lab File: VN067365.D
Acq: 16 Jun 2021 16:03



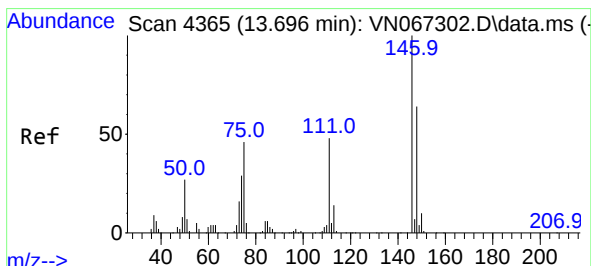
Tgt Ion:146 Resp: 19419
Ion Ratio Lower Upper
146 100
111 46.3 25.0 75.0
148 58.1 32.6 97.7



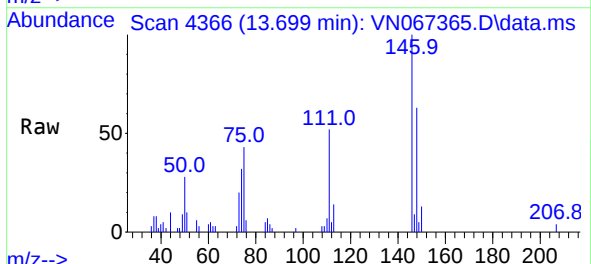
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2021

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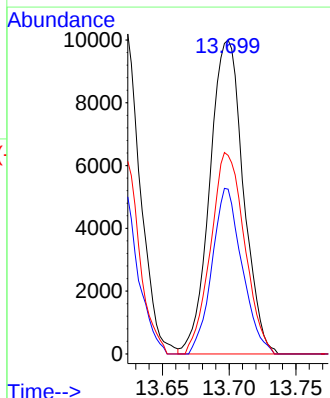
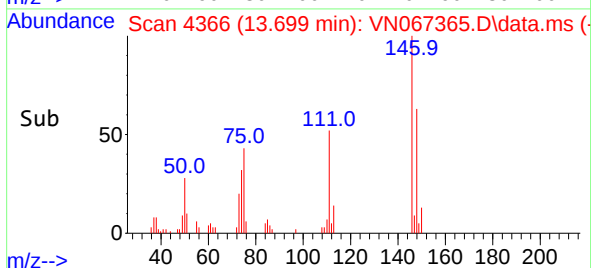
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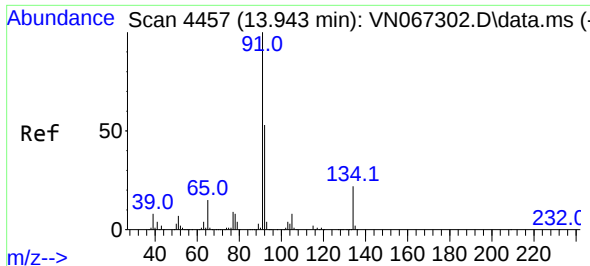


#84
1,4-Dichlorobenzene
Concen: 2.13 ug/l
RT: 13.699 min Scan# 4366
Delta R.T. 0.003 min
Lab File: VN067365.D
Acq: 16 Jun 2021 16:03



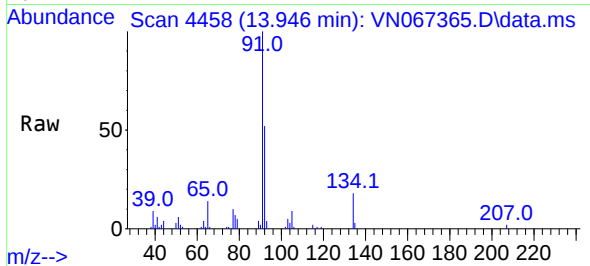
Tgt Ion:146 Resp: 17499
Ion Ratio Lower Upper
146 100
111 47.3 23.6 71.0
148 64.7 31.8 95.3





#85
n-Butylbenzene
Concen: 2.43 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. 0.003 min
Lab File: VN067365.D
Acq: 16 Jun 2021 16:03

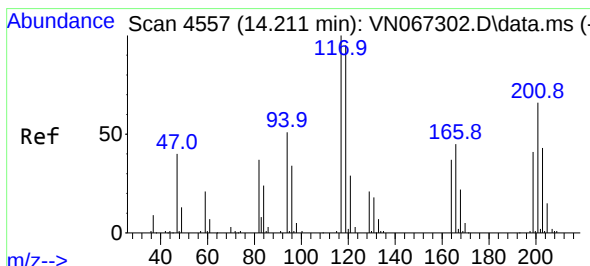
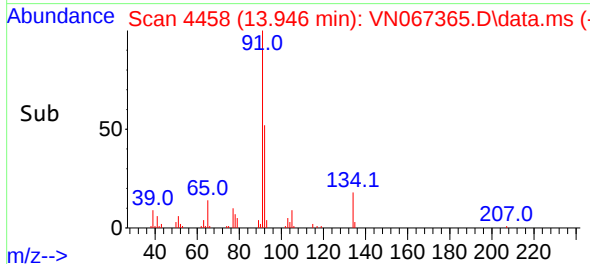
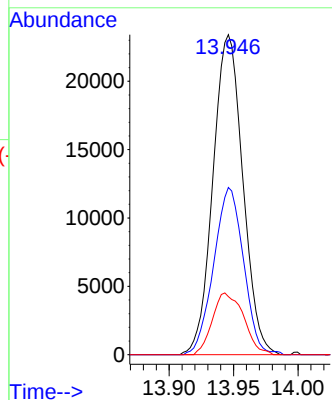
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2021



Tgt Ion: 91 Resp: 37706
Ion Ratio Lower Upper
91 100
92 52.0 0.0 103.0
134 20.2 0.0 43.6

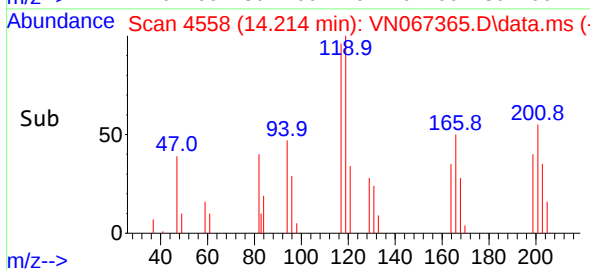
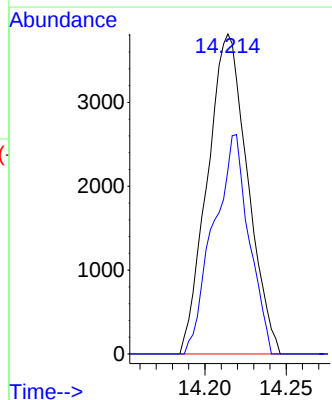
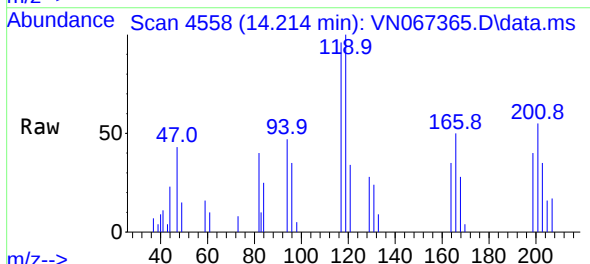
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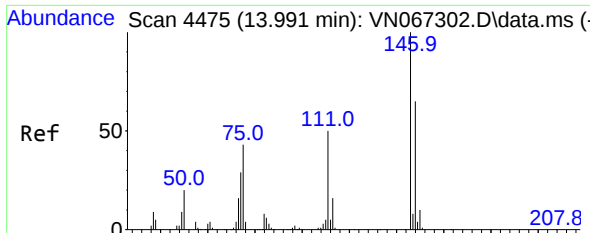
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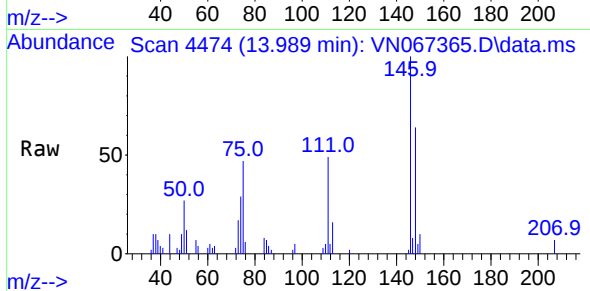
#86
Hexachloroethane
Concen: 1.92 ug/l
RT: 14.214 min Scan# 4558
Delta R.T. 0.003 min
Lab File: VN067365.D
Acq: 16 Jun 2021 16:03

Tgt Ion: 117 Resp: 6557
Ion Ratio Lower Upper
117 100
201 60.7 33.3 99.9

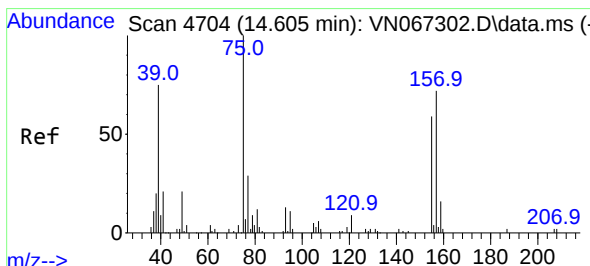
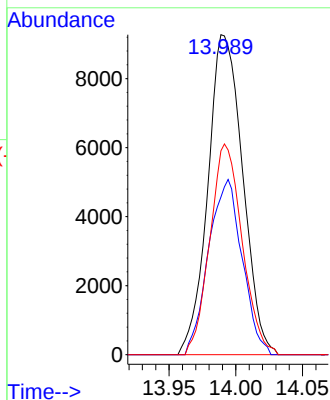
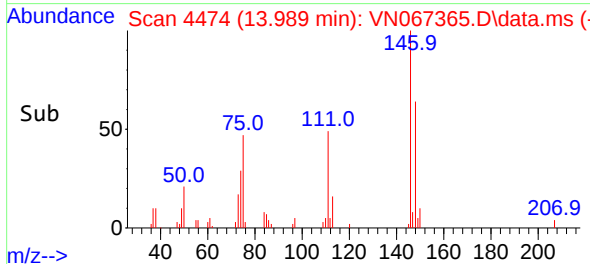




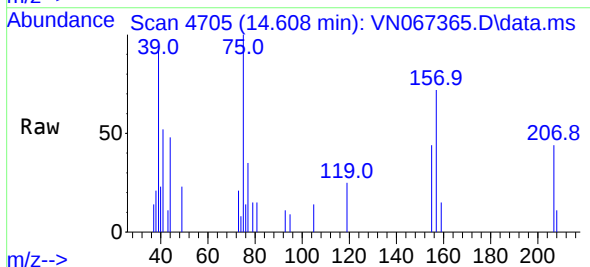
#87
1,2-Dichlorobenzene
Concen: 2.10 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. -0.003 min
Lab File: VN067365.D
Acq: 16 Jun 2021 16:03



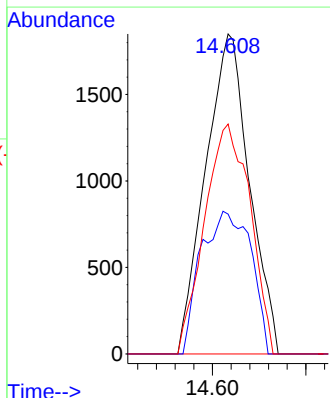
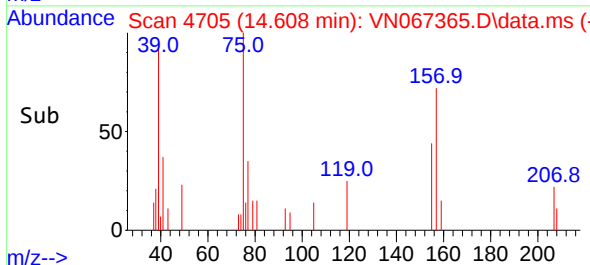
Tgt Ion:146 Resp: 16832
Ion Ratio Lower Upper
146 100
111 52.8 25.0 75.0
148 61.3 32.0 96.0



#88
1,2-Dibromo-3-Chloropropane
Concen: 1.79 ug/l
RT: 14.608 min Scan# 4705
Delta R.T. 0.003 min
Lab File: VN067365.D
Acq: 16 Jun 2021 16:03



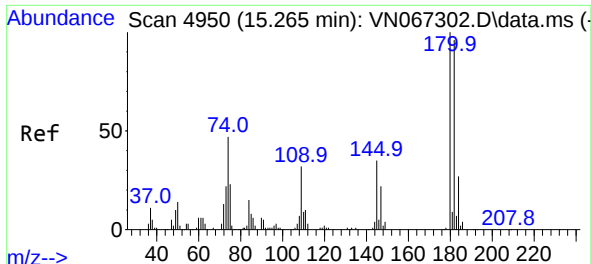
Tgt Ion: 75 Resp: 3018
Ion Ratio Lower Upper
75 100
155 6.4 45.3 67.9#
157 74.7 58.6 87.8



Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2021

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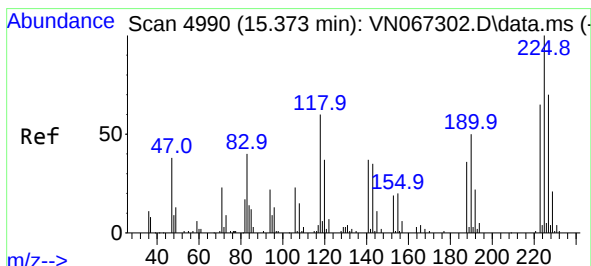
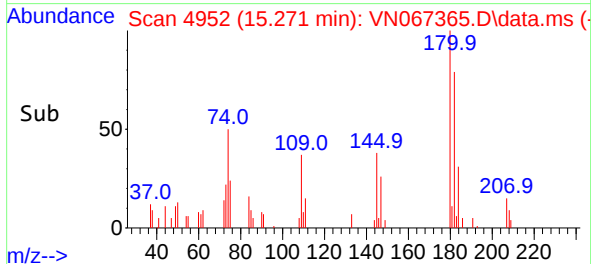
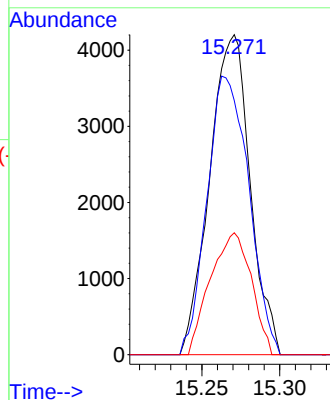
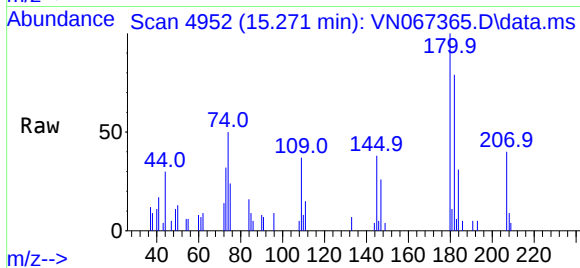
#89
1,2,4-Trichlorobenzene
Concen: 1.87 ug/l
RT: 15.271 min Scan# 4952
Delta R.T. 0.006 min
Lab File: VN067365.D
Acq: 16 Jun 2021 16:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	89.9	75.9	113.9
145	38.6	28.8	43.2

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2021

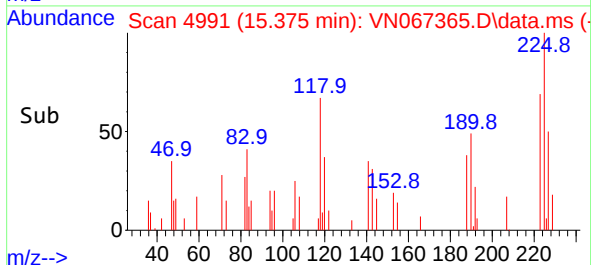
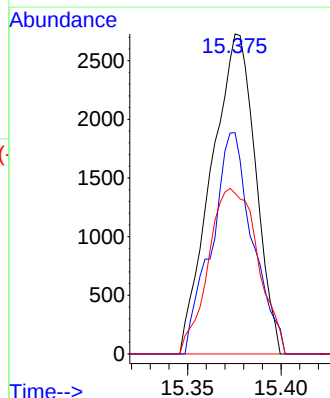
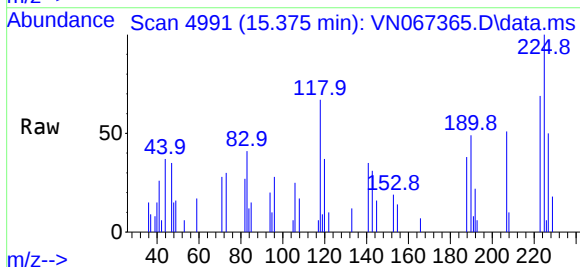
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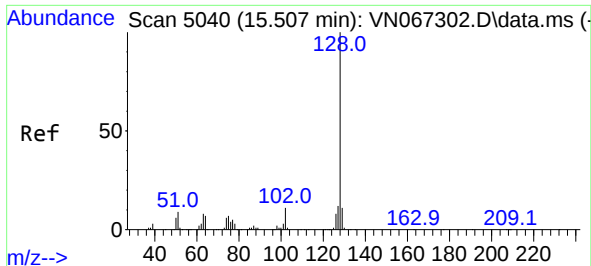
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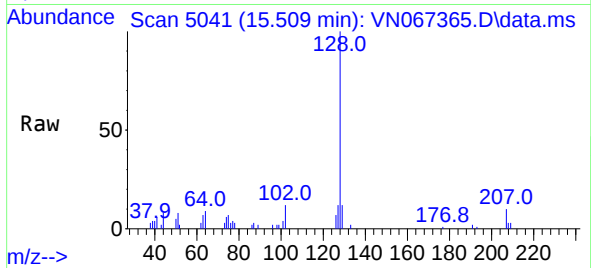
#90
Hexachlorobutadiene
Concen: 2.07 ug/l
RT: 15.375 min Scan# 4991
Delta R.T. 0.003 min
Lab File: VN067365.D
Acq: 16 Jun 2021 16:03

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.3	0.0	129.6
227	57.9	0.0	131.2



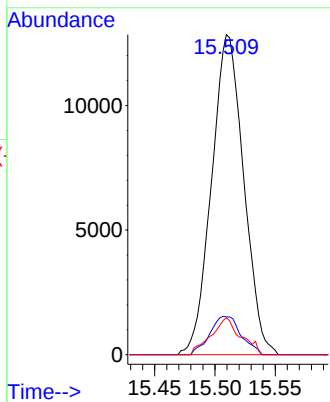
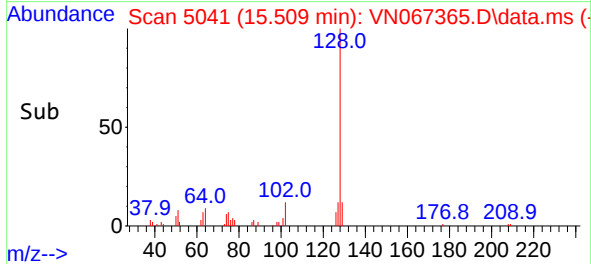


#91
Naphthalene
Concen: 1.74 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.003 min
Lab File: VN067365.D
Acq: 16 Jun 2021 16:03



Tgt Ion:128 Resp: 23809

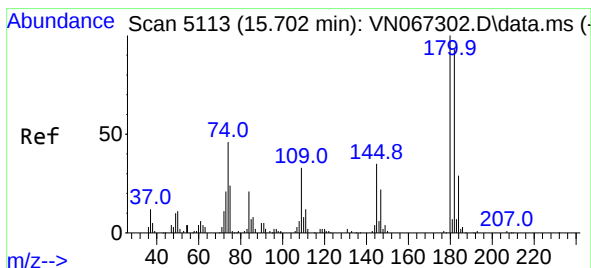
Ion	Ratio	Lower	Upper
128	100		
127	11.7	10.1	15.1
129	10.2	8.9	13.3



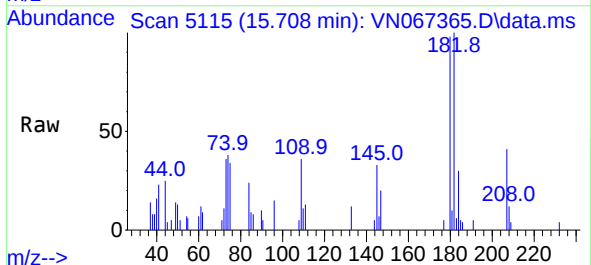
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2021

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 1.80 ug/l
RT: 15.708 min Scan# 5115
Delta R.T. 0.006 min
Lab File: VN067365.D
Acq: 16 Jun 2021 16:03



Tgt Ion:180 Resp: 7125

Ion	Ratio	Lower	Upper
180	100		
182	97.0	0.0	184.6
145	12.0	0.0	76.0

