

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071421\
 Data File : VN067728.D
 Acq On : 13 Jul 2021 20:39
 Operator : JC/MD
 Sample : M2940-08 5.0PPB LOQ
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT3-2021

Manual Integrations
 APPROVED

MMDadoda
 7/16/2021 10:42:41 AM

Quant Time: Jul 14 01:21:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N071421W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 14 01:19:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.662	128	63538	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	375428	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.746	117	341778	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	170311	33.178	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 110.600%#			
60) 4-Bromofluorobenzene	12.733	95	153780	27.705	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 92.367%			
63) Toluene-d8	10.443	98	494791	31.475	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 104.933%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	18332	5.646	ug/l	99
3) Chloromethane	2.301	50	24317	5.996	ug/l	99
4) Vinyl Chloride	2.443	62	38600	6.118	ug/l	100
5) Bromomethane	2.856	94	36963	7.036	ug/l	99
6) Chloroethane	3.017	64	29419	6.261	ug/l	99
7) Trichlorofluoromethane	3.371	101	73291	6.260	ug/l	97
8) Diethyl Ether	3.824	74	12461	5.722	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.199	101	18317	5.504	ug/l	66
10) 1,1-Dichloroethene	4.173	96	18142m	5.886	ug/l	
11) Methyl Iodide	4.414	142	18455m	4.529	ug/l	
12) Methyl Acetate	4.870	43	25446m	6.049	ug/l	
13) Acrolein	4.036	56	15398	34.944	ug/l #	43
14) Acrylonitrile	5.562	53	49937	26.996	ug/l	98
15) Acetone	4.288	58	12181	26.564	ug/l	94
16) Carbon Disulfide	4.524	76	45891	5.638	ug/l	99
17) Allyl chloride	4.838	41	28898	5.328	ug/l	97
18) Methylene Chloride	5.095	84	26195	6.141	ug/l	97
19) trans-1,2-Dichloroethene	5.589	96	19235	5.234	ug/l	97
20) Diisopropyl ether	6.501	45	65521	5.102	ug/l	96
21) 1,1-Dichloroethane	6.385	63	39046	5.527	ug/l	99
22) cis-1,2-Dichloroethene	7.324	96	24195	5.335	ug/l	97
23) tert-Butyl Alcohol	5.385	59	18291m	26.825	ug/l	
24) Methyl tert-Butyl Ether	5.618	73	67227	5.283	ug/l	100
25) Chloroform	7.820	83	42168	5.364	ug/l	98
26) Cyclohexane	8.094	56	33686	5.473	ug/l #	99
29) 1,1-Dichloropropene	8.222	75	29992	5.092	ug/l	97
30) 2-Butanone	7.343	43	71216	26.108	ug/l #	77
31) 2,2-Dichloropropane	7.327	77	30030	4.570	ug/l	98
32) 1,1,1-Trichloroethane	8.016	97	35412	4.896	ug/l	98
33) Carbon Tetrachloride	8.204	117	30097	4.873	ug/l	88
34) Benzene	8.461	78	93075	5.286	ug/l #	84
35) Methacrylonitrile	7.640	41	14603	5.208	ug/l	97
36) 1,2-Dichloroethane	8.531	62	36477	5.565	ug/l #	87
37) Trichloroethene	9.215	130	23541	5.146	ug/l	100
38) Methylcyclohexane	9.461	83	33410	5.121	ug/l	97
39) 1,2-Dichloropropane	9.491	63	23510	5.236	ug/l	94
40) Dibromomethane	9.579	93	16672	5.163	ug/l	99
41) Bromodichloromethane	9.765	83	31258	4.932	ug/l	91
42) Vinyl Acetate	6.436	43	242417	22.339	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.415	43	27353	4.960	ug/l	94
44) Isopropyl Acetate	8.563	43	51336	5.127	ug/l	98
45) 1,4-Dioxane	9.577	88	7391	97.473	ug/l #	89
46) Methyl methacrylate	9.563	41	22402	5.183	ug/l	97
47) n-amyl Acetate	12.390	43	34332	4.177	ug/l	99
48) t-1,3-Dichloropropene	10.719	75	29249	4.282	ug/l	95
49) cis-1,3-Dichloropropene	10.191	75	32941	4.543	ug/l	99
50) 1,1,2-Trichloroethane	10.899	97	22827	4.954	ug/l	97
51) Ethyl methacrylate	10.762	69	31630	4.414	ug/l	97
52) 1,3-Dichloropropane	11.047	76	37456	4.916	ug/l	99
53) Dibromochloromethane	11.240	129	20382	4.226	ug/l	98
54) 1,2-Dibromoethane	11.350	107	21886	4.605	ug/l	95
55) 2-Chloroethyl vinyl ether	10.043	63	27756	20.028	ug/l	99
56) Bromoform	12.457	173	11518	3.408	ug/l #	95
58) 4-Methyl-2-Pentanone	10.333	43	153921	26.228	ug/l	99
59) 2-Hexanone	11.087	43	104450	25.384	ug/l	99
61) Tetrachloroethene	10.979	164	23406	5.575	ug/l	95
62) Toluene	10.507	91	106053	5.275	ug/l	99
64) Chlorobenzene	11.773	112	61648	5.120	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.846	131	20566	4.636	ug/l	99
66) Ethyl Benzene	11.846	91	109761	4.934	ug/l	96
67) m/p-Xylenes	11.958	106	81904	9.653	ug/l	100
68) o-Xylene	12.283	106	39298	4.692	ug/l	97
69) Styrene	12.296	104	60943	4.400	ug/l	98
70) Isopropylbenzene	12.581	105	100550	4.652	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.830	83	30648	4.994	ug/l	98
72) 1,2,3-Trichloropropane	12.881	75	26203m	5.136	ug/l	
73) Bromobenzene	12.865	156	22378	4.504	ug/l	99
74) n-propylbenzene	12.924	91	115459	4.662	ug/l	97
75) 2-Chlorotoluene	13.010	91	70145	4.719	ug/l	99
76) 1,3,5-Trimethylbenzene	13.061	105	83004	4.664	ug/l	100
77) t-1,4-Dichloro-2-butene	12.629	75	5764	3.348	ug/l	89
78) 4-Chlorotoluene	13.109	91	67603	4.561	ug/l	99
79) tert-butylbenzene	13.326	119	67338	4.407	ug/l	96
80) 1,2,4-Trimethylbenzene	13.372	105	77671	4.395	ug/l #	81
81) sec-Butylbenzene	13.503	105	93949	4.432	ug/l	99
82) p-Isopropyltoluene	13.619	119	74007	4.195	ug/l	98
83) 1,3-Dichlorobenzene	13.621	146	39775	4.287	ug/l	97
84) 1,4-Dichlorobenzene	13.699	146	38877	4.302	ug/l	97
85) n-Butylbenzene	13.943	91	61835	4.225	ug/l	99
86) Hexachloroethane	14.211	117	11122	3.790	ug/l	98
87) 1,2-Dichlorobenzene	13.991	146	38409	4.336	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	14.608	75	4677	4.260	ug/l	94
89) 1,2,4-Trichlorobenzene	15.268	180	15506	3.840	ug/l	97
90) Hexachlorobutadiene	15.370	225	8085	4.165	ug/l	92
91) Naphthalene	15.509	128	40007	3.487	ug/l	98
92) 1,2,3-Trichlorobenzene	15.700	180	14764	3.816	ug/l	97

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

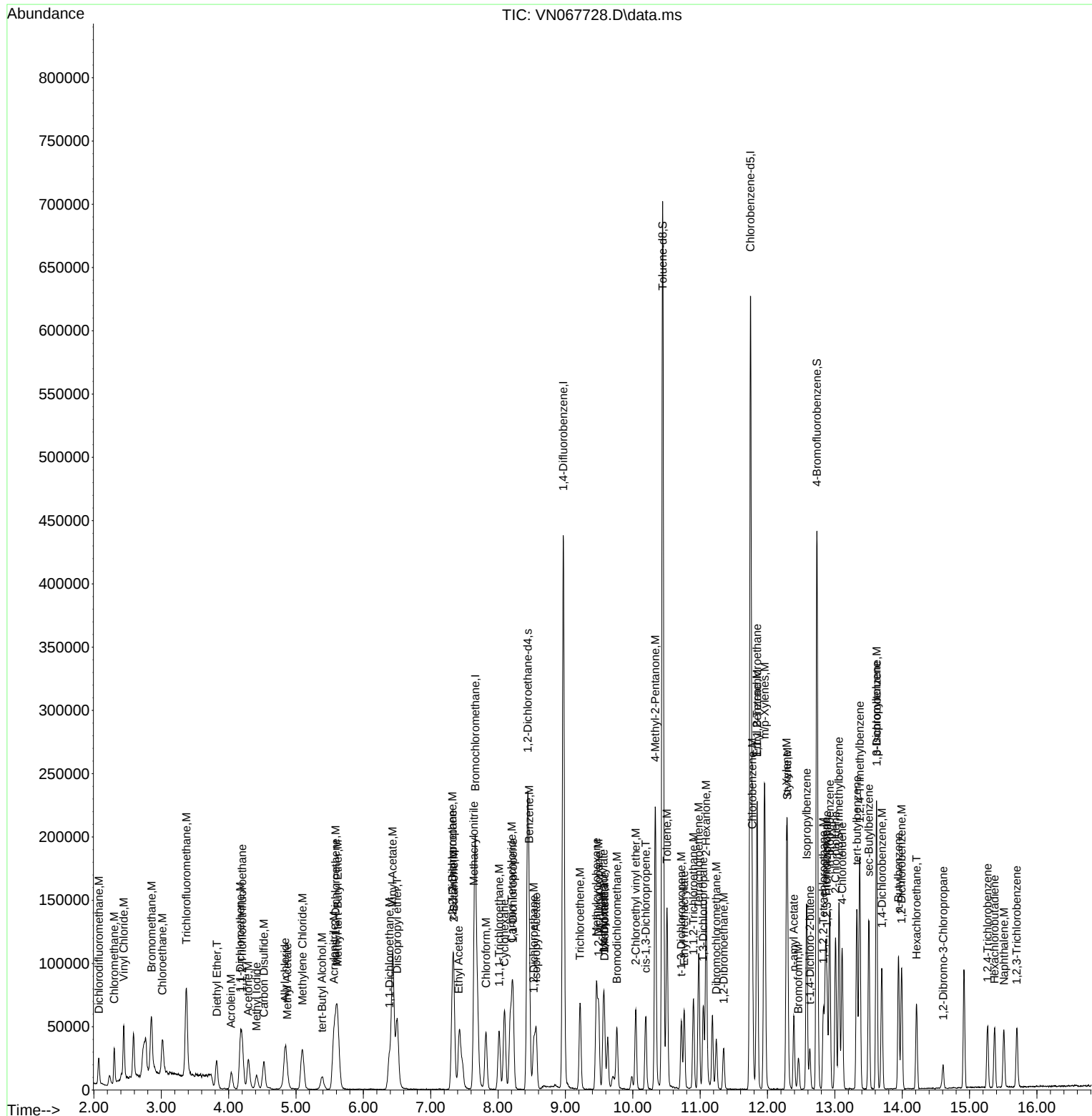
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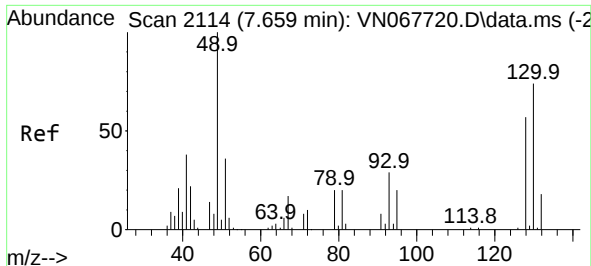
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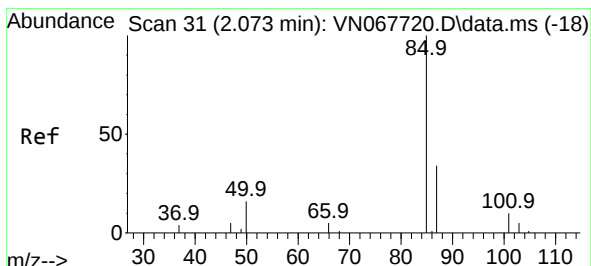
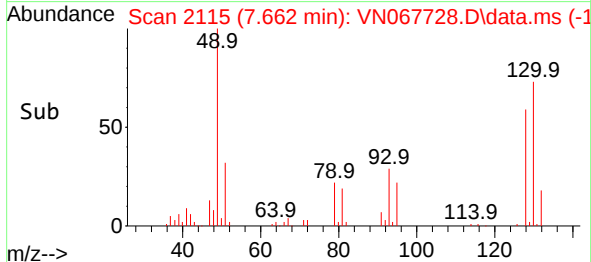
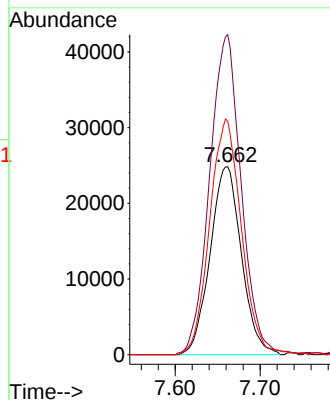
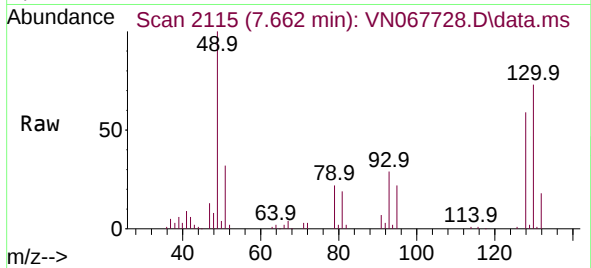
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.662 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VN067728.D
Acq: 13 Jul 2021 20:39

Tgt Ion:128 Resp: 63538
Ion Ratio Lower Upper
128 100
49 171.7 0.0 433.0
130 127.1 0.0 323.8

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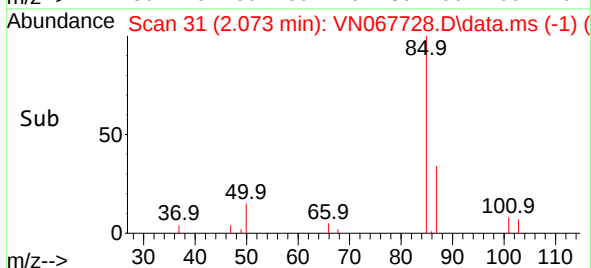
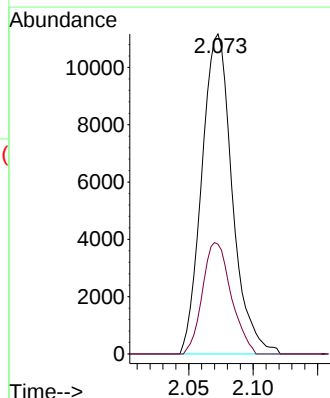
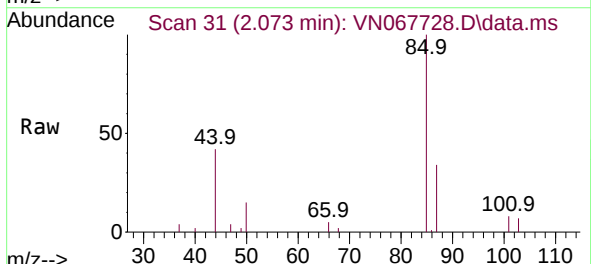
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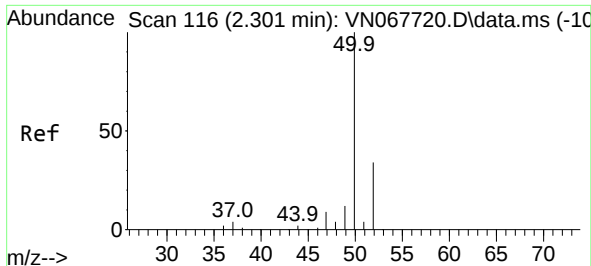
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#2
Dichlorodifluoromethane
Concen: 5.646 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN067728.D
Acq: 13 Jul 2021 20:39

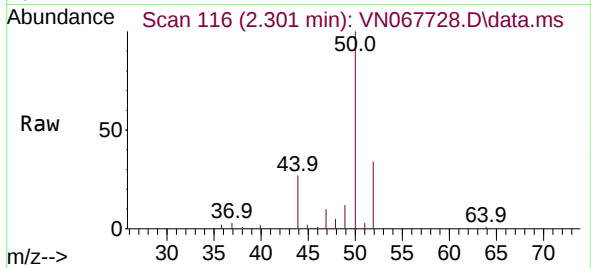
Tgt Ion: 85 Resp: 18332
Ion Ratio Lower Upper
85 100
87 34.3 17.0 50.9



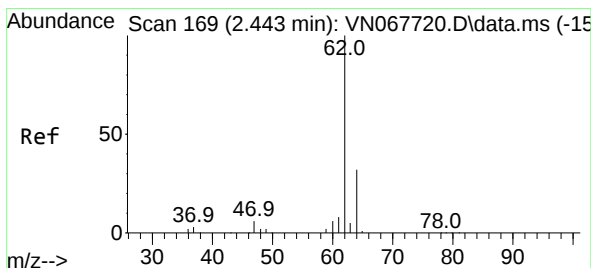
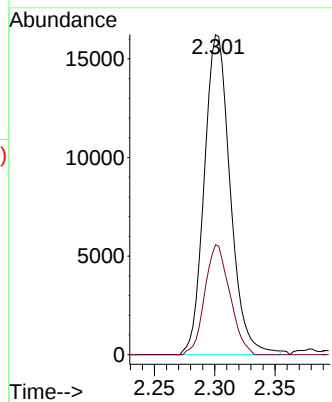
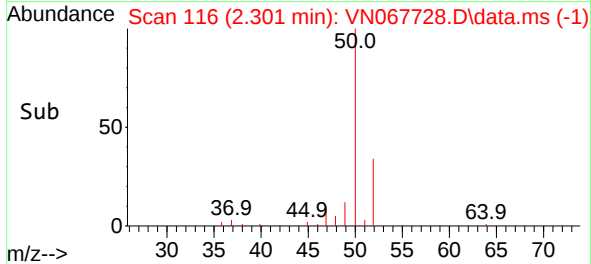


#3
Chloromethane
Concen: 5.996 ug/l
RT: 2.301 min Scan# 116
Delta R.T. -0.000 min
Lab File: VN067728.D
Acq: 13 Jul 2021 20:39

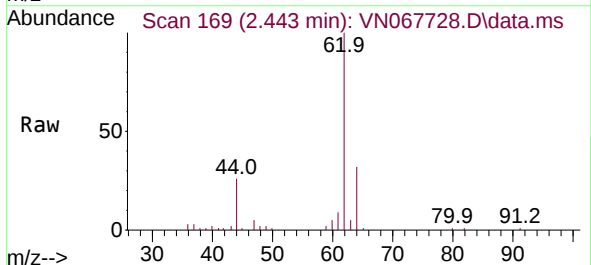
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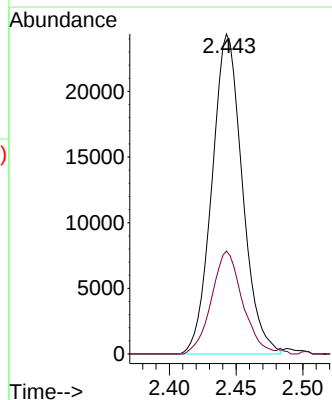
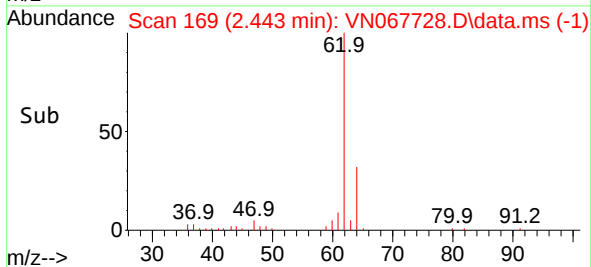
Tgt Ion: 50 Resp: 24317
Ion Ratio Lower Upper
50 100
52 34.4 27.2 40.8

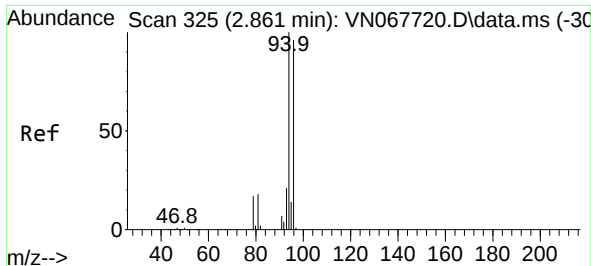


#4
Vinyl Chloride
Concen: 6.118 ug/l
RT: 2.443 min Scan# 169
Delta R.T. -0.000 min
Lab File: VN067728.D
Acq: 13 Jul 2021 20:39

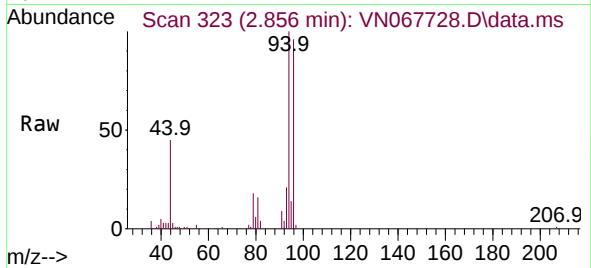


Tgt Ion: 62 Resp: 38600
Ion Ratio Lower Upper
62 100
64 32.1 25.9 38.9

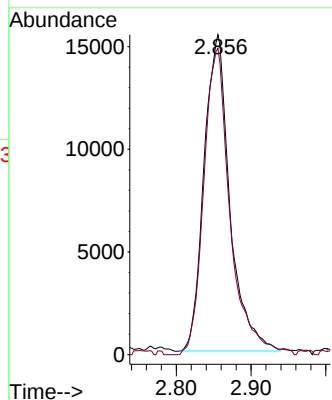




#5
Bromomethane
Concen: 7.036 ug/l
RT: 2.856 min Scan# 323
Delta R.T. -0.006 min
Lab File: VN067728.D
Acq: 13 Jul 2021 20:39



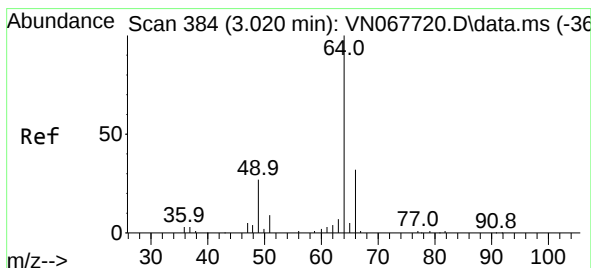
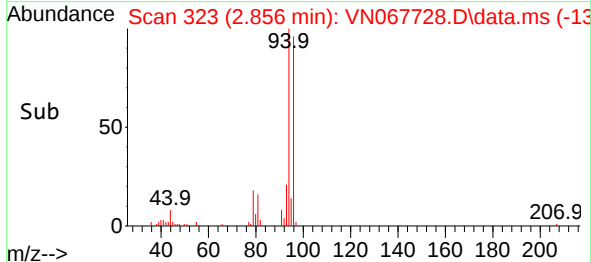
Tgt Ion: 94 Resp: 36963
Ion Ratio Lower Upper
94 100
96 96.9 76.9 115.3



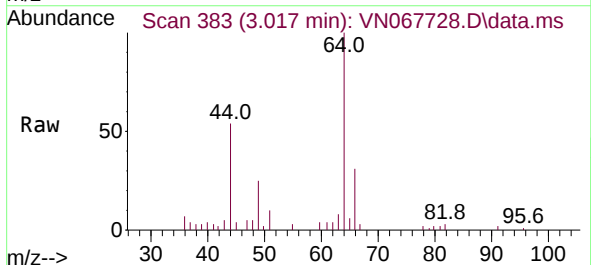
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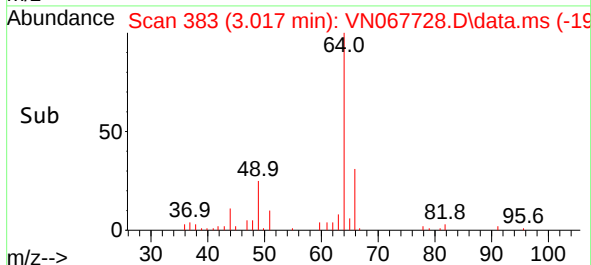
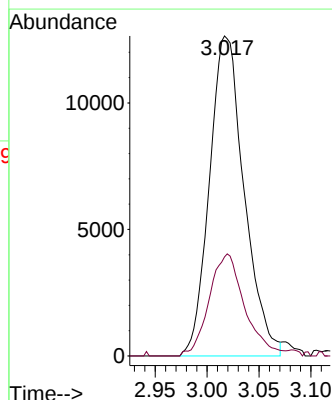
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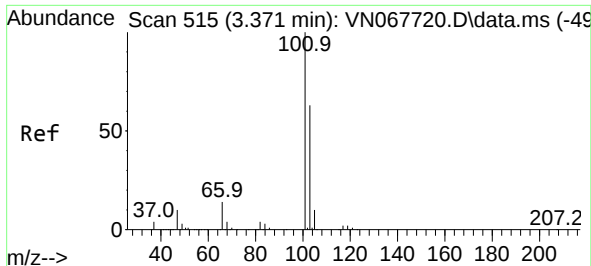


#6
Chloroethane
Concen: 6.261 ug/l
RT: 3.017 min Scan# 383
Delta R.T. -0.003 min
Lab File: VN067728.D
Acq: 13 Jul 2021 20:39



Tgt Ion: 64 Resp: 29419
Ion Ratio Lower Upper
64 100
66 30.9 25.4 38.0





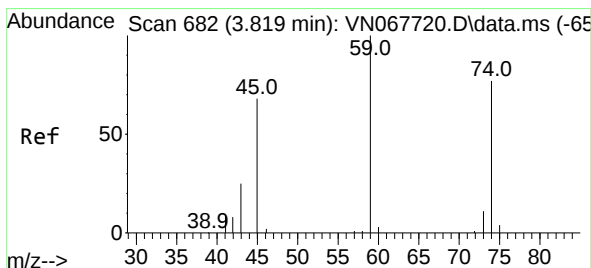
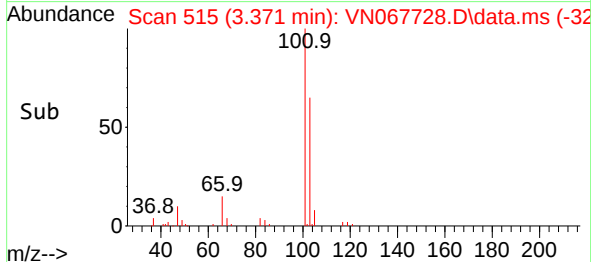
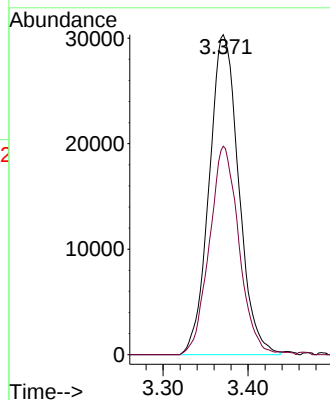
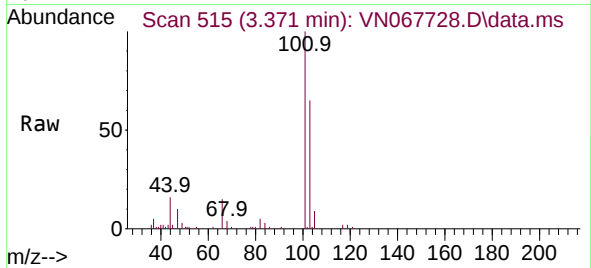
#7
Trichlorofluoromethane
Concen: 6.260 ug/l
RT: 3.371 min Scan# 515
Delta R.T. -0.000 min
Lab File: VN067728.D
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Tgt Ion:101 Resp: 73291
Ion Ratio Lower Upper
101 100
103 65.2 50.3 75.5

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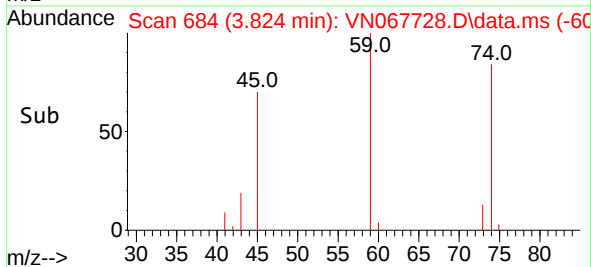
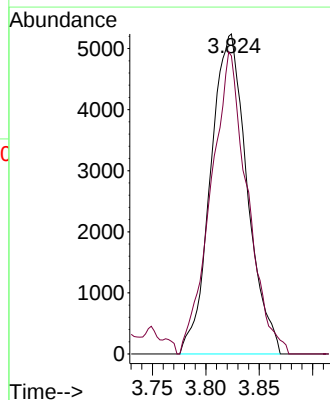
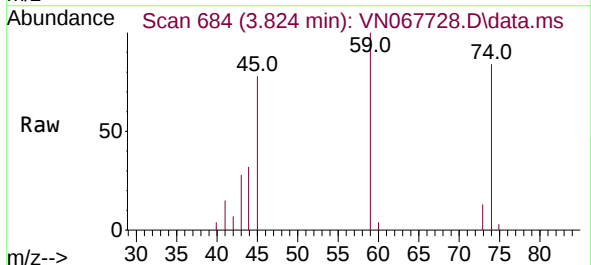
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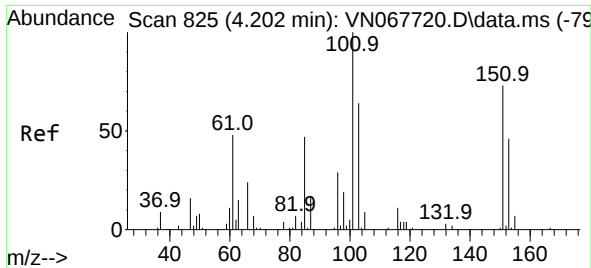
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#8
Diethyl Ether
Concen: 5.722 ug/l
RT: 3.824 min Scan# 684
Delta R.T. 0.005 min
Lab File: VN067728.D
Acq: 13 Jul 2021 20:39

Tgt Ion: 74 Resp: 12461
Ion Ratio Lower Upper
74 100
45 94.1 17.5 157.1





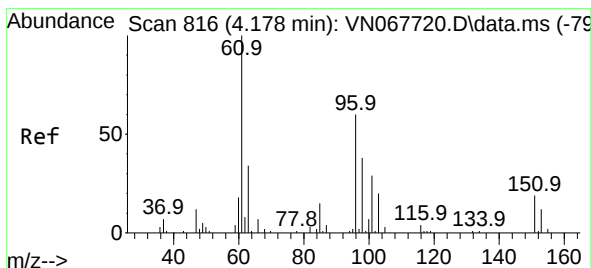
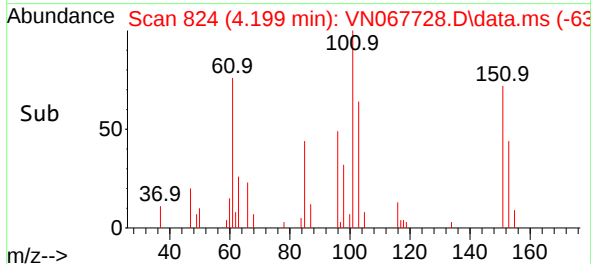
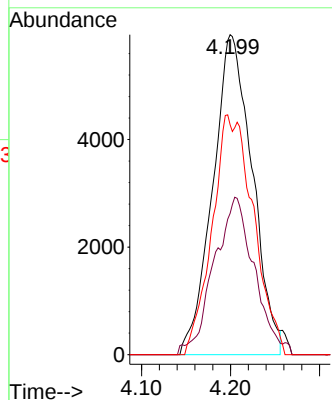
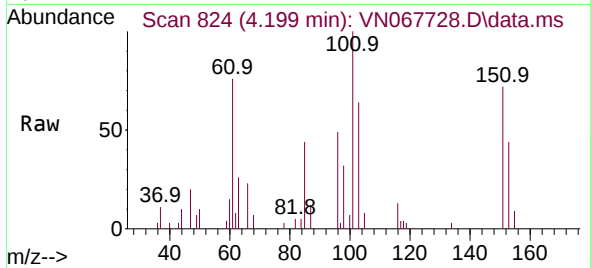
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1,1,2-Trichlorotrifluoroethane
Concen: 5.504 ug/l
RT: 4.199 min Scan# 824
Delta R.T. -0.003 min
Lab File: VN067728.D
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Tgt Ion: 101 Resp: 18317
Ion Ratio Lower Upper
101 100
85 31.3 0.0 98.0
151 39.4 0.0 143.8

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MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2021

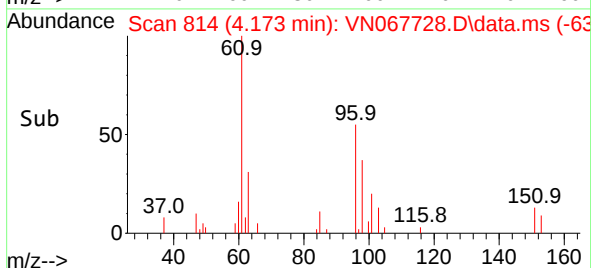
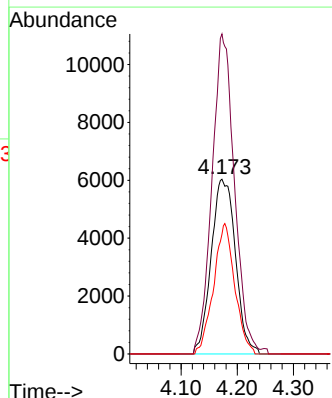
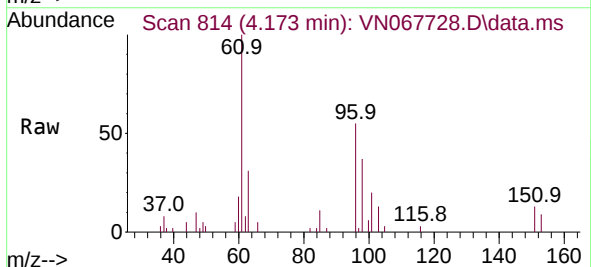
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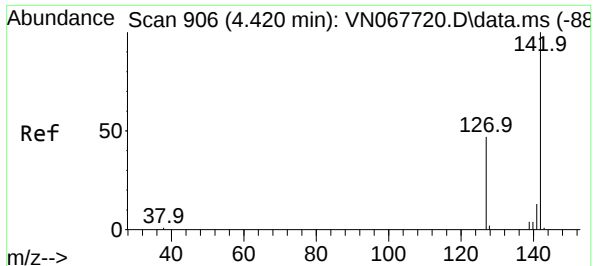
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#10
1,1-Dichloroethene
Concen: 5.886 ug/l m
RT: 4.173 min Scan# 814
Delta R.T. -0.006 min
Lab File: VN067728.D
Acq: 13 Jul 2021 20:39

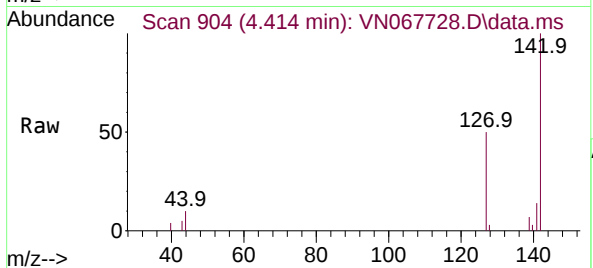
Tgt Ion: 96 Resp: 18142
Ion Ratio Lower Upper
96 100
61 183.1 133.9 200.9
98 68.5 50.5 75.7





#11
Methyl Iodide
Concen: 4.529 ug/l m
RT: 4.414 min Scan# 904
Delta R.T. -0.006 min
Lab File: VN067728.D
Acq: 13 Jul 2021 20:39

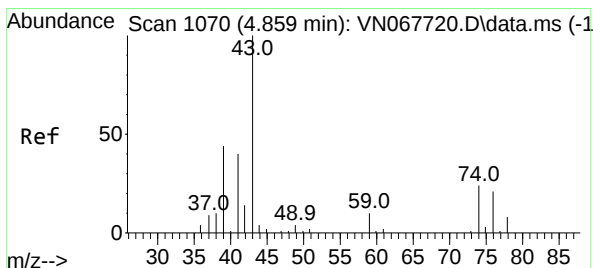
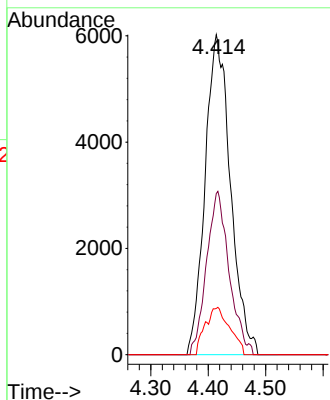
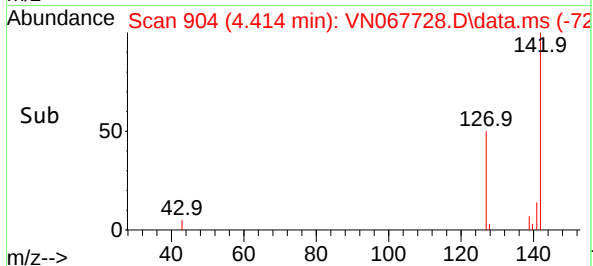
Instrument :
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ClientSampleId :
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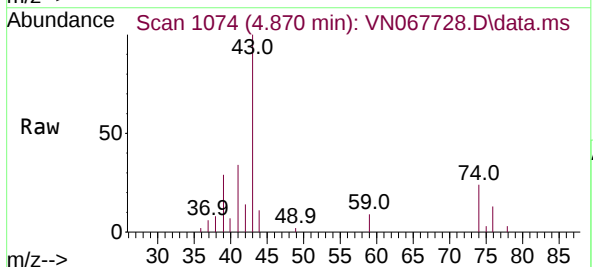
Tgt Ion:142 Resp: 18455
Ion Ratio Lower Upper
142 100
127 50.3 23.4 70.2
141 14.5 6.7 20.0

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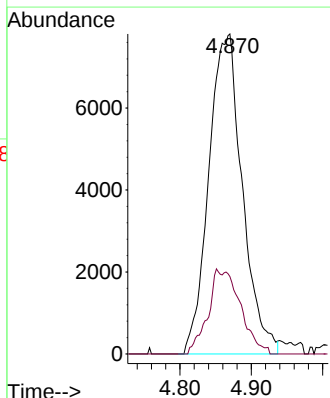
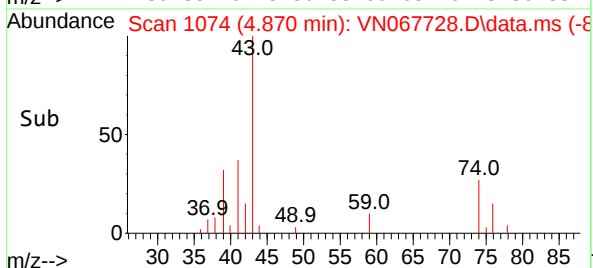
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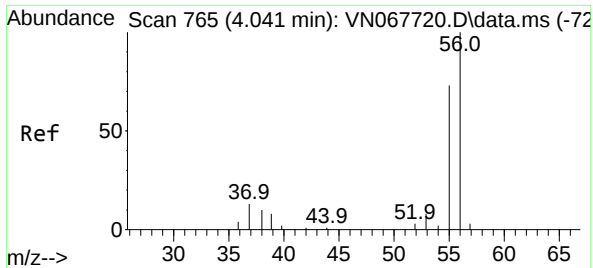


#12
Methyl Acetate
Concen: 6.049 ug/l m
RT: 4.870 min Scan# 1074
Delta R.T. 0.011 min
Lab File: VN067728.D
Acq: 13 Jul 2021 20:39



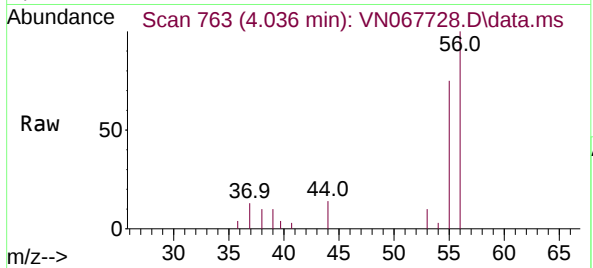
Tgt Ion: 43 Resp: 25446
Ion Ratio Lower Upper
43 100
74 24.2 19.8 29.6





#13
Acrolein
Concen: 34.944 ug/l
RT: 4.036 min Scan# 763
Delta R.T. -0.005 min
Lab File: VN067728.D
Acq: 13 Jul 2021 20:39

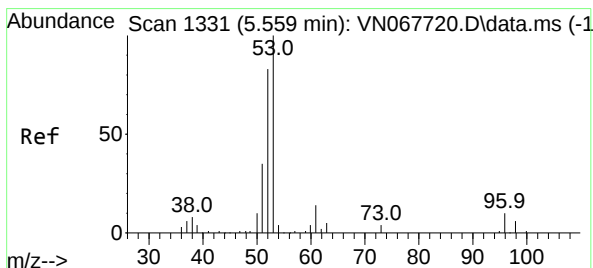
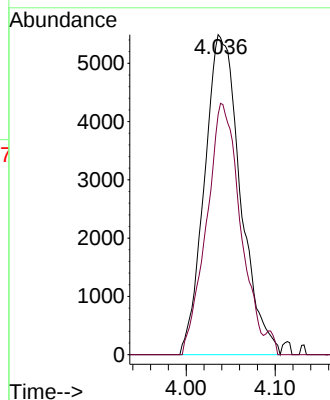
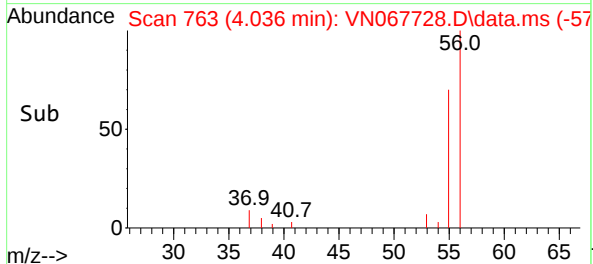
Instrument :
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ClientSampleId :
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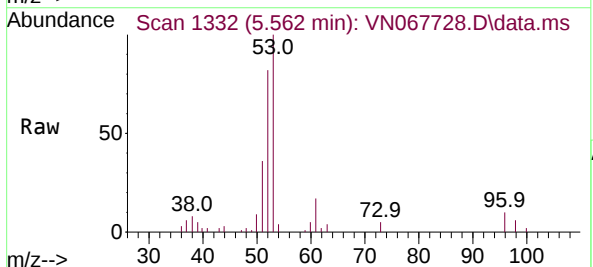
Tgt Ion: 56 Resp: 15398
Ion Ratio Lower Upper
56 100
55 73.7 0.2 0.2#

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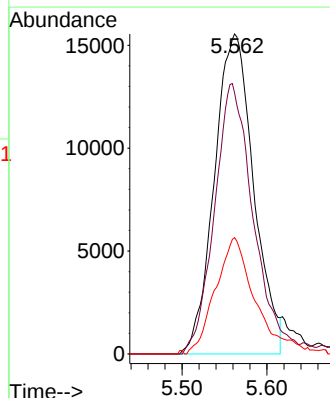
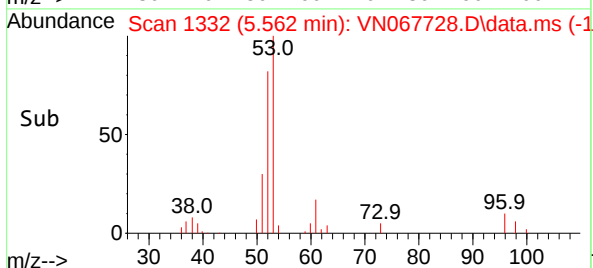
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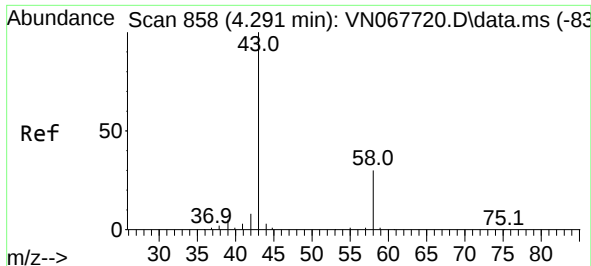


#14
Acrylonitrile
Concen: 26.996 ug/l
RT: 5.562 min Scan# 1332
Delta R.T. 0.003 min
Lab File: VN067728.D
Acq: 13 Jul 2021 20:39



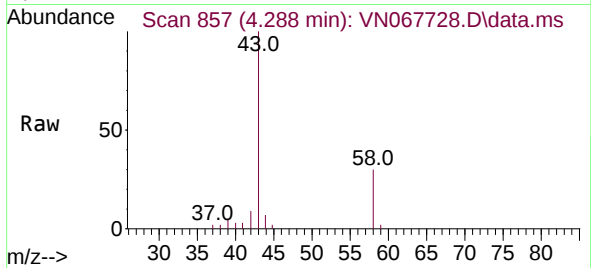
Tgt Ion: 53 Resp: 49937
Ion Ratio Lower Upper
53 100
52 83.6 41.3 123.7
51 35.4 18.4 55.0





#15
Acetone
Concen: 26.564 ug/l
RT: 4.288 min Scan# 857
Delta R.T. -0.003 min
Lab File: VN067728.D
Acq: 13 Jul 2021 20:39

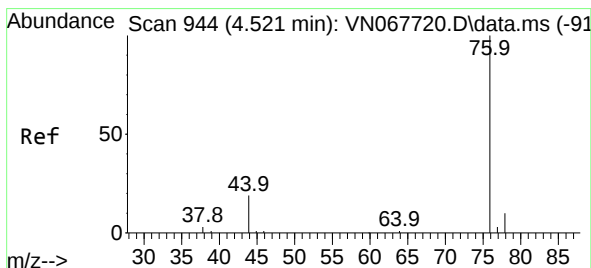
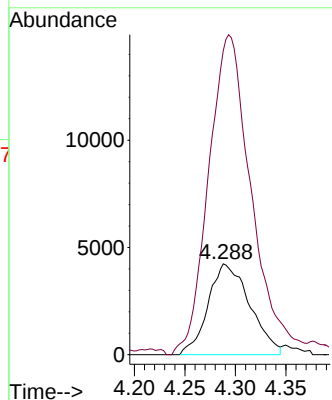
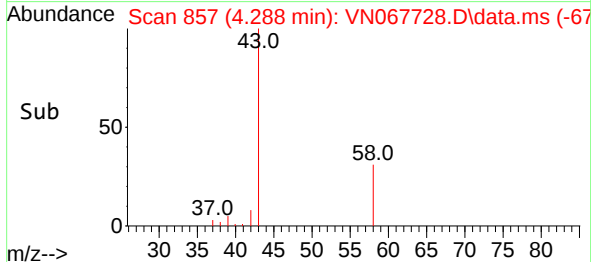
Instrument :
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ClientSampleId :
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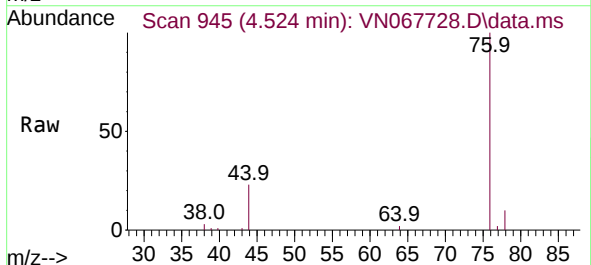
Tgt Ion: 58 Resp: 12181
Ion Ratio Lower Upper
58 100
43 322.5 268.2 402.4

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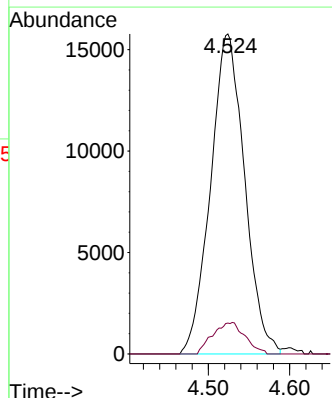
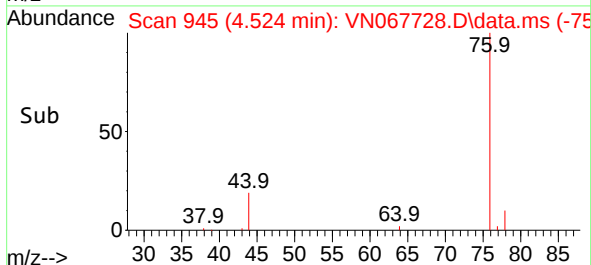
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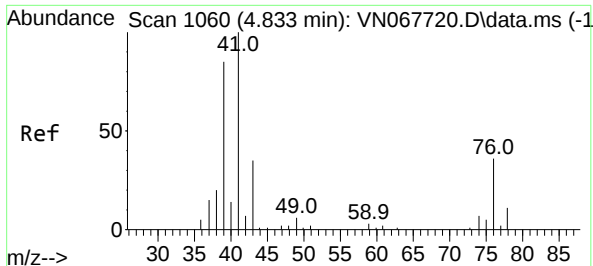


#16
Carbon Disulfide
Concen: 5.638 ug/l
RT: 4.524 min Scan# 945
Delta R.T. 0.003 min
Lab File: VN067728.D
Acq: 13 Jul 2021 20:39



Tgt Ion: 76 Resp: 45891
Ion Ratio Lower Upper
76 100
78 9.7 7.9 11.9





#17

Allyl chloride

Concen: 5.328 ug/l

RT: 4.838 min Scan# 1062

Delta R.T. 0.005 min

Lab File: VN067728.D

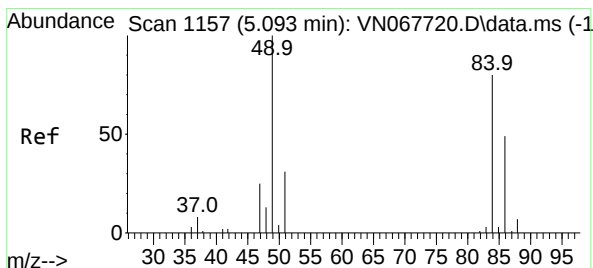
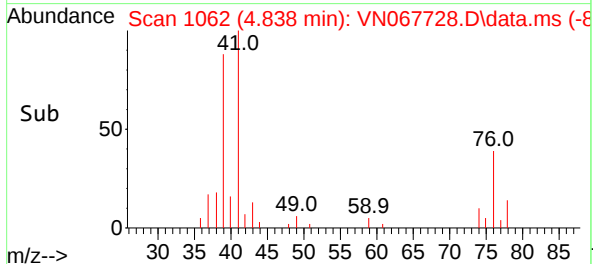
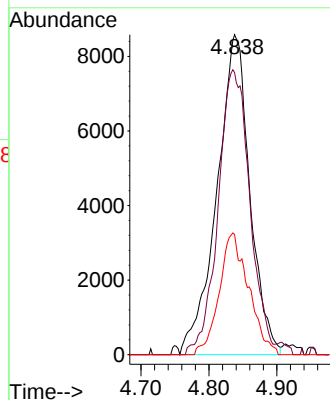
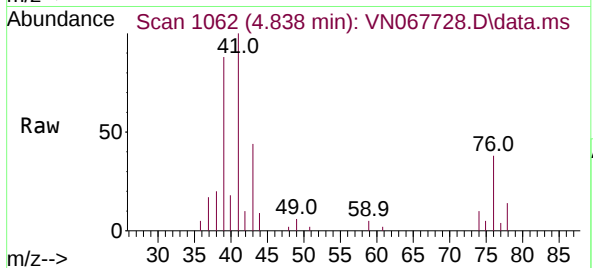
Acq: 13 Jul 2021 20:39

Tgt Ion:	41	Resp:	28898
Ion	Ratio	Lower	Upper
41	100		
39	88.2	42.4	127.3
76	37.6	17.9	53.8

Instrument :
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#18

Methylene Chloride

Concen: 6.141 ug/l

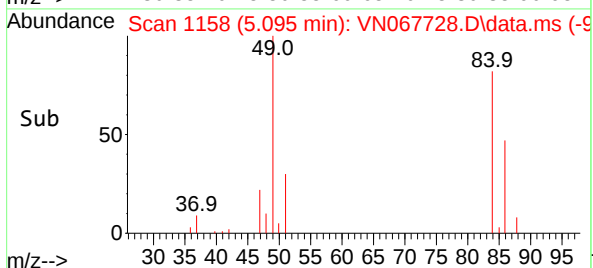
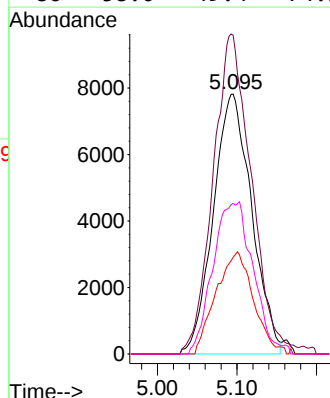
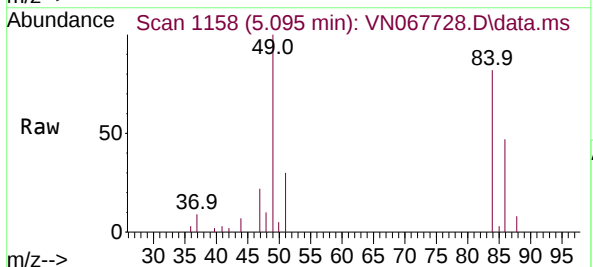
RT: 5.095 min Scan# 1158

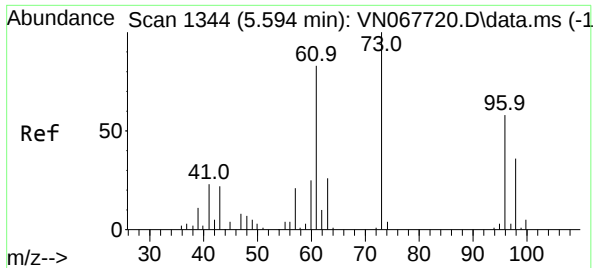
Delta R.T. 0.003 min

Lab File: VN067728.D

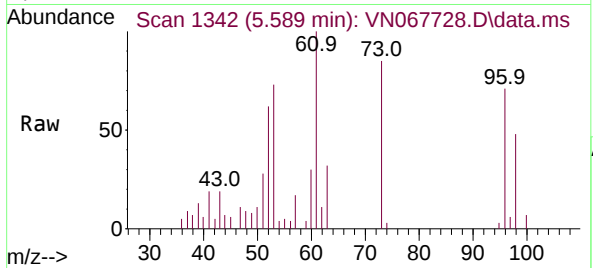
Acq: 13 Jul 2021 20:39

Tgt Ion:	84	Resp:	26195
Ion	Ratio	Lower	Upper
84	100		
49	122.7	100.5	150.7
51	37.2	30.7	46.1
86	58.0	49.4	74.2

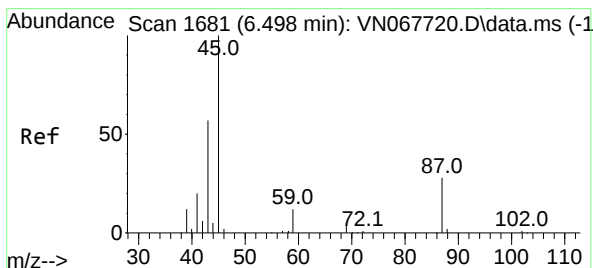
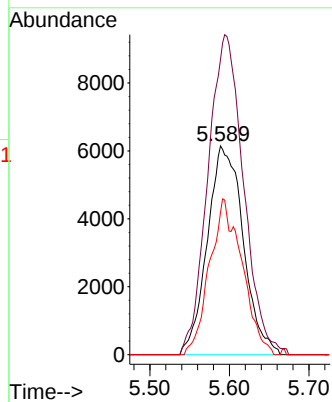
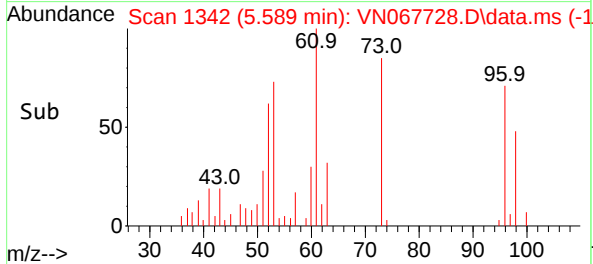




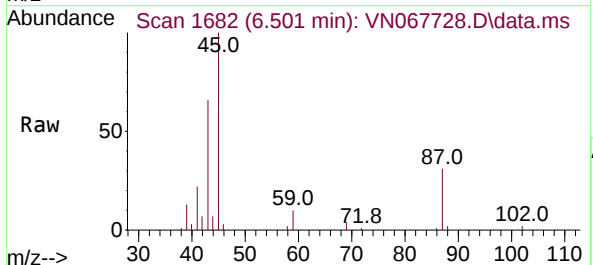
#19
trans-1,2-Dichloroethene
Concen: 5.234 ug/l
RT: 5.589 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VN067728.D
Acq: 13 Jul 2021 20:39



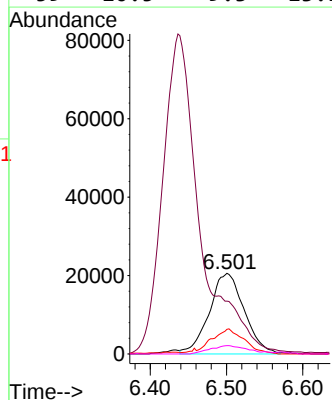
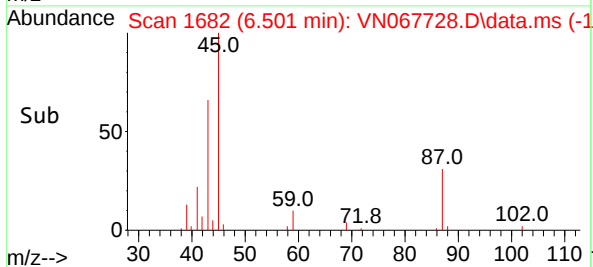
Tgt Ion: 96 Resp: 19235
Ion Ratio Lower Upper
96 100
61 141.5 114.3 171.5
98 68.2 49.3 73.9



#20
Diisopropyl ether
Concen: 5.102 ug/l
RT: 6.501 min Scan# 1682
Delta R.T. 0.003 min
Lab File: VN067728.D
Acq: 13 Jul 2021 20:39



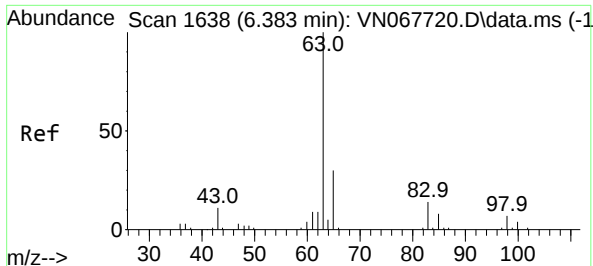
Tgt Ion: 45 Resp: 65521
Ion Ratio Lower Upper
45 100
43 62.6 51.8 77.6
87 31.1 22.5 33.7
59 10.5 9.3 13.9



Instrument :
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ClientSampleId :
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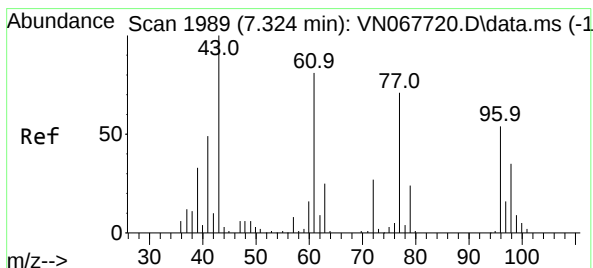
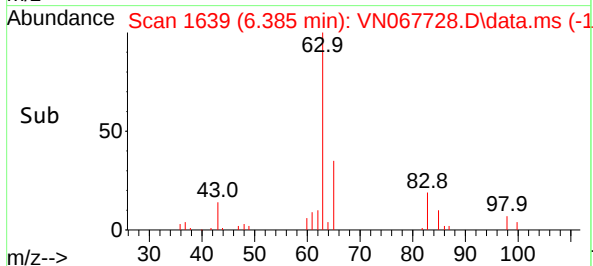
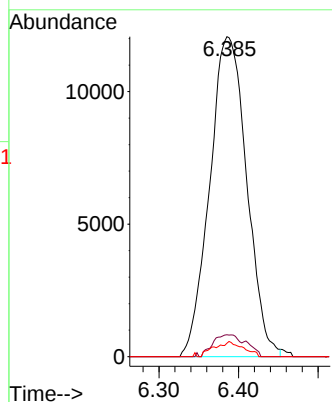
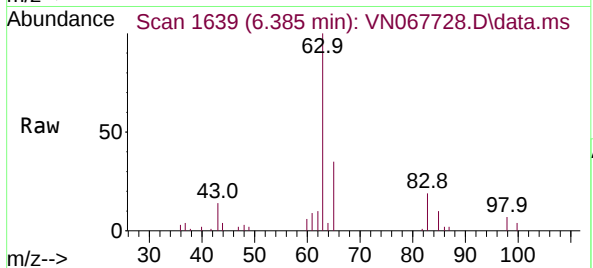
#21
1,1-Dichloroethane
Concen: 5.527 ug/l
RT: 6.385 min Scan# 1639
Delta R.T. 0.003 min
Lab File: VN067728.D
Acq: 13 Jul 2021 20:39

Tgt Ion:	63	Resp:	39046
Ion Ratio	Lower	Upper	
63	100		
98	6.8	3.3	9.8
100	4.2	2.0	5.8

Instrument :
MSVOA_N
ClientSampleId :
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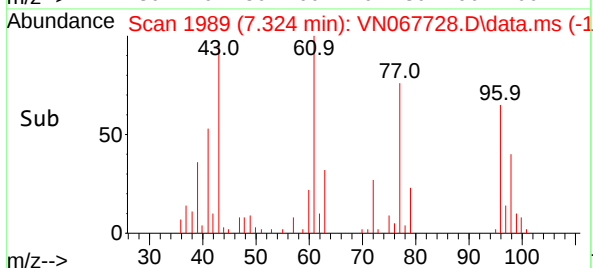
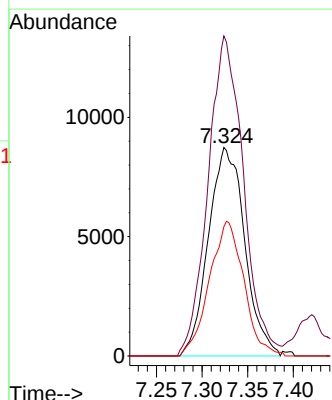
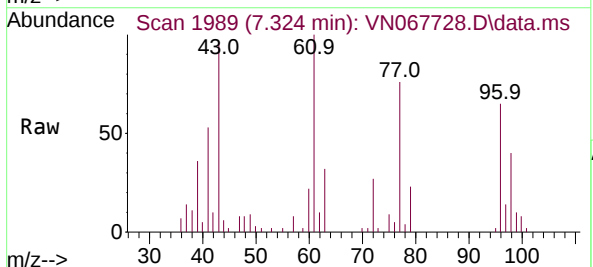
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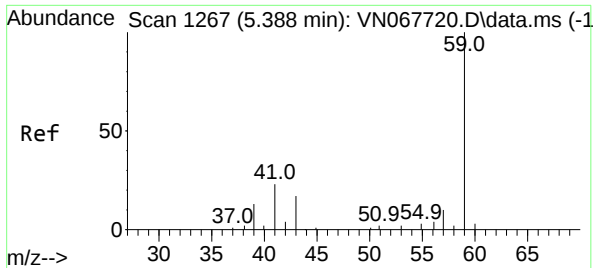
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#22
cis-1,2-Dichloroethene
Concen: 5.335 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. -0.000 min
Lab File: VN067728.D
Acq: 13 Jul 2021 20:39

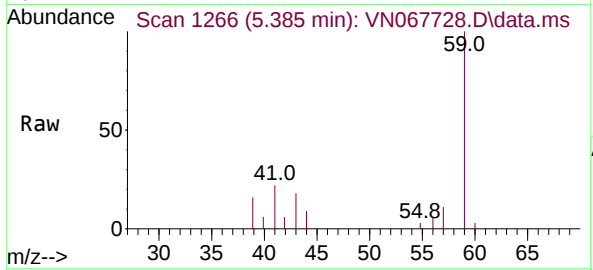
Tgt Ion:	96	Resp:	24195
Ion Ratio	Lower	Upper	
96	100		
61	149.3	121.2	181.8
98	61.1	51.8	77.8





#23
tert-Butyl Alcohol
Concen: 26.825 ug/l m
RT: 5.385 min Scan# 1266
Delta R.T. -0.003 min
Lab File: VN067728.D
Acq: 13 Jul 2021 20:39

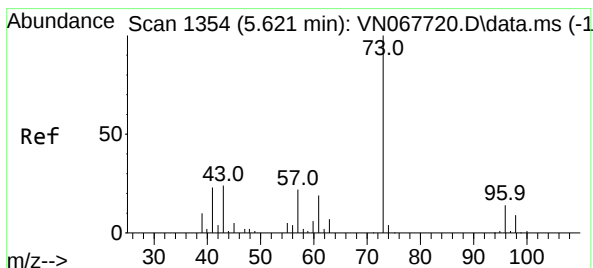
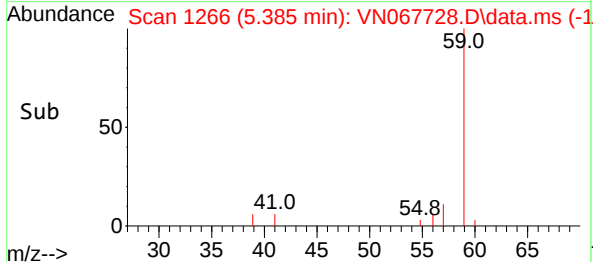
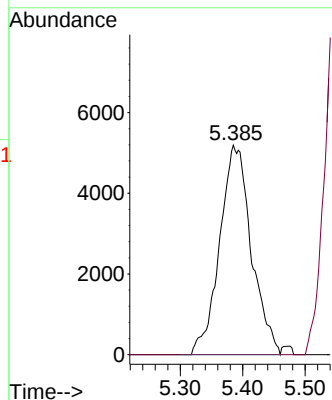
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Tgt Ion: 59 Resp: 18291
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

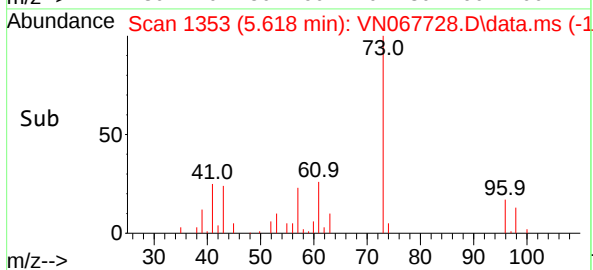
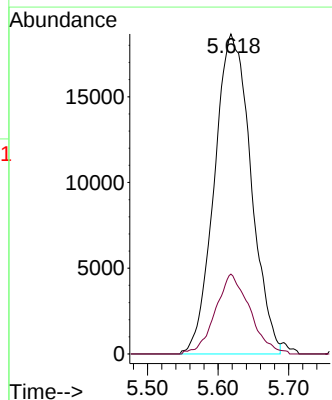
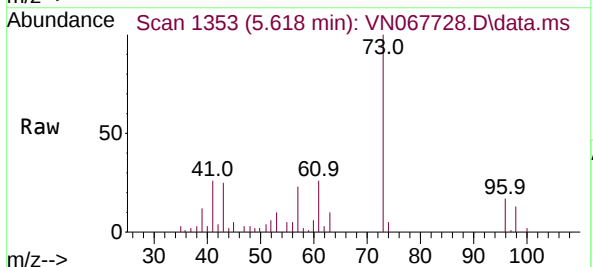
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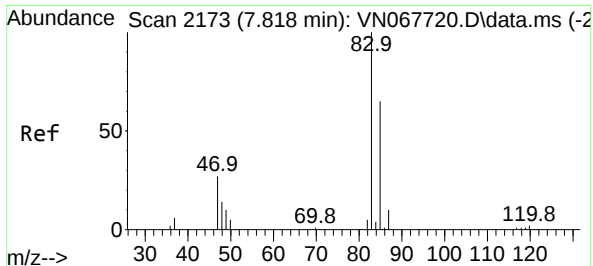
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#24
Methyl tert-Butyl Ether
Concen: 5.283 ug/l
RT: 5.618 min Scan# 1353
Delta R.T. -0.003 min
Lab File: VN067728.D
Acq: 13 Jul 2021 20:39

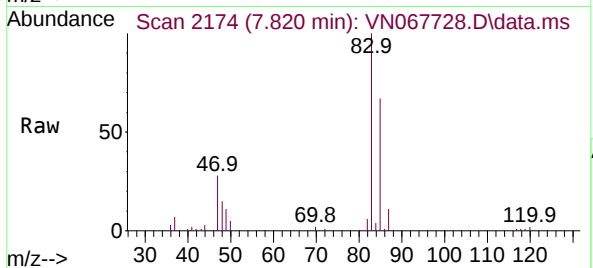
Tgt Ion: 73 Resp: 67227
Ion Ratio Lower Upper
73 100
43 23.3 18.6 27.8





#25
Chloroform
Concen: 5.364 ug/l
RT: 7.820 min Scan# 2174
Delta R.T. 0.003 min
Lab File: VN067728.D
Acq: 13 Jul 2021 20:39

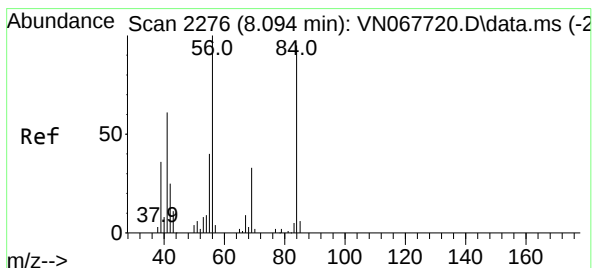
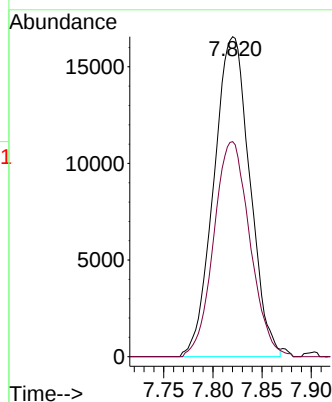
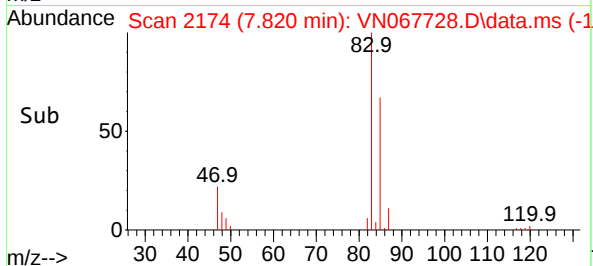
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2021



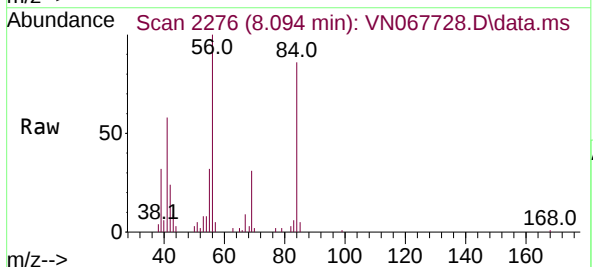
Tgt Ion: 83 Resp: 42168
Ion Ratio Lower Upper
83 100
85 67.2 52.3 78.5

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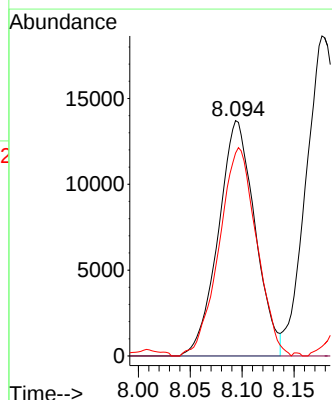
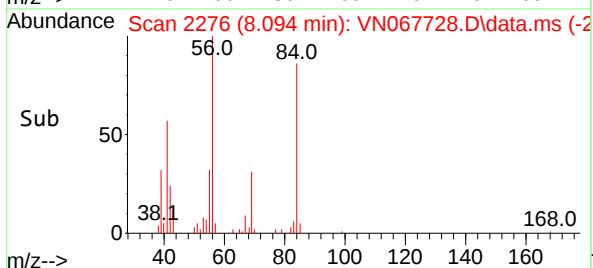
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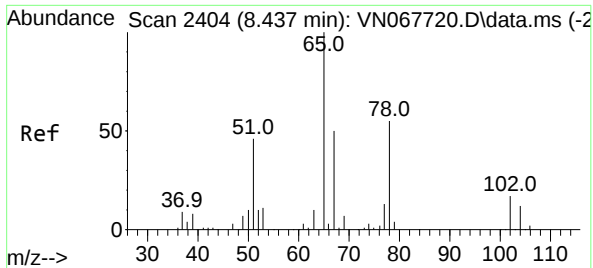


#26
Cyclohexane
Concen: 5.473 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. -0.000 min
Lab File: VN067728.D
Acq: 13 Jul 2021 20:39



Tgt Ion: 56 Resp: 33686
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 90.4 71.4 107.0





#27

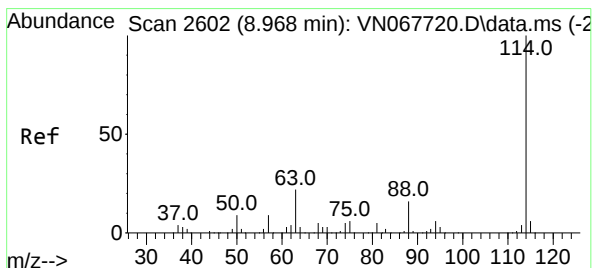
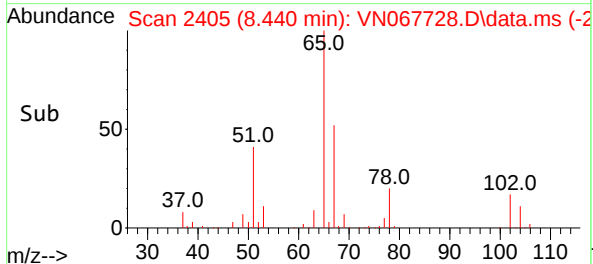
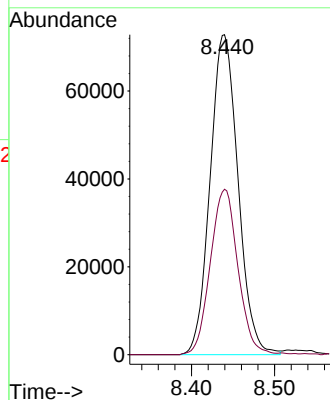
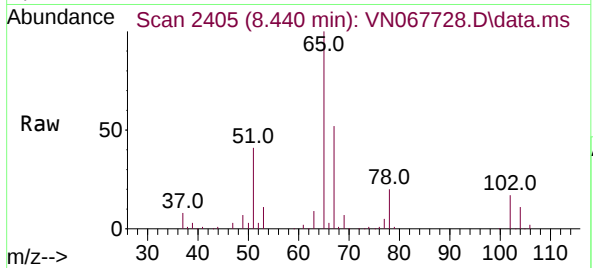
1,2-Dichloroethane-d4
Concen: 33.178 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN067728.D
Acq: 13 Jul 2021 20:39

Tgt Ion: 65 Resp: 170311
Ion Ratio Lower Upper
65 100
67 51.0 40.6 60.8

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2021

Manual Integrations
APPROVED

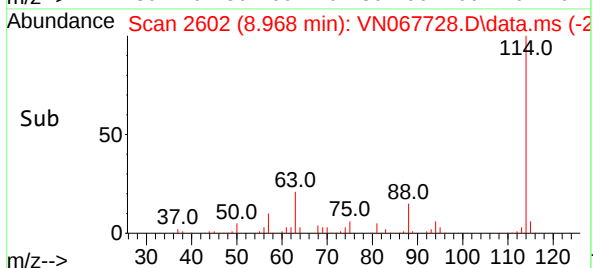
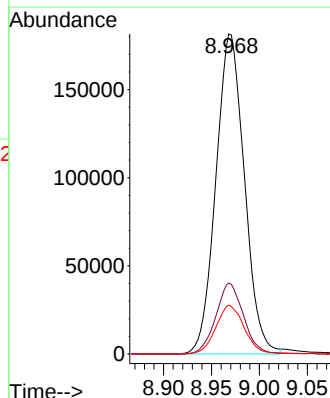
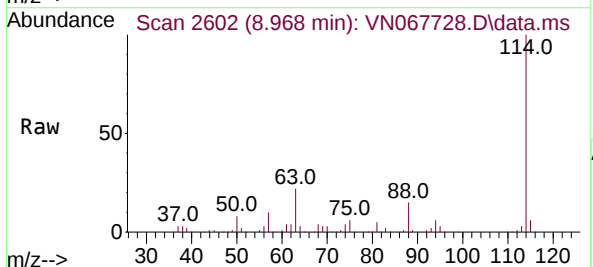
MMDadoda
7/16/2021 10:42:41 AM

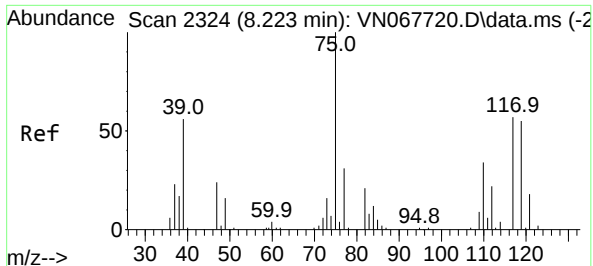


#28

1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN067728.D
Acq: 13 Jul 2021 20:39

Tgt Ion: 114 Resp: 375428
Ion Ratio Lower Upper
114 100
63 21.4 17.2 25.8
88 15.1 12.4 18.6





#29

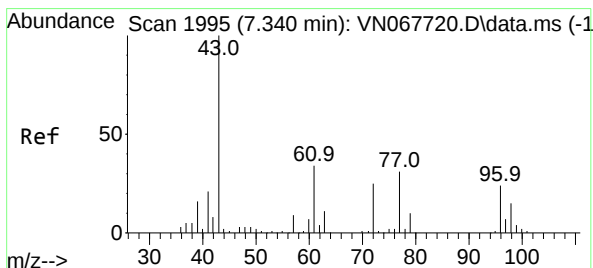
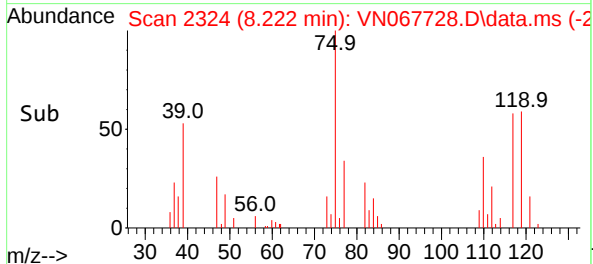
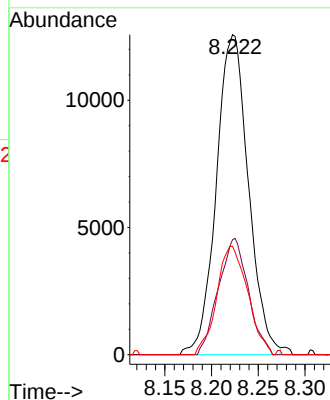
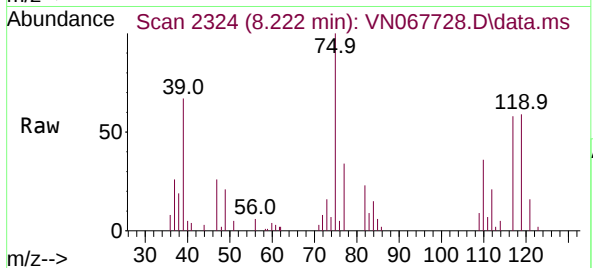
1,1-Dichloropropene
Concen: 5.092 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VN067728.D
Acq: 13 Jul 2021 20:39

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.8	0.0	69.2
77	32.7	0.0	60.4

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2021

Manual Integrations
APPROVED

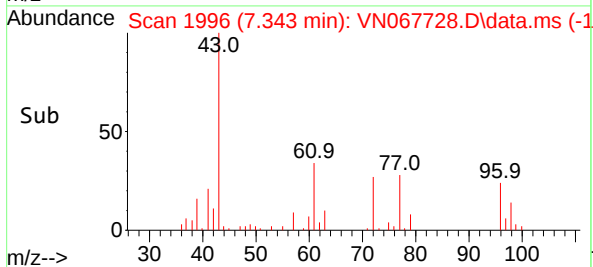
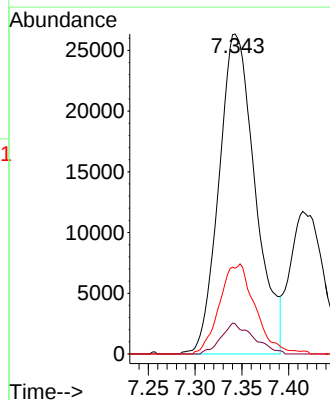
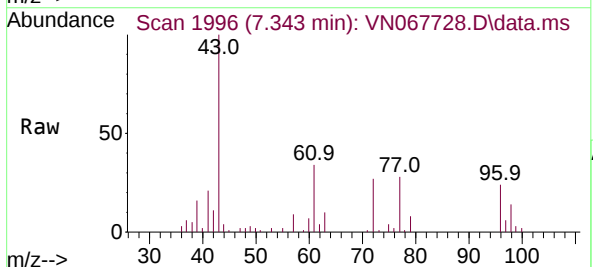
MMDadoda
7/16/2021 10:42:41 AM

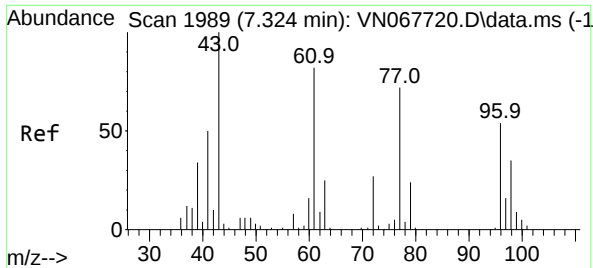


#30

2-Butanone
Concen: 26.108 ug/l
RT: 7.343 min Scan# 1996
Delta R.T. 0.003 min
Lab File: VN067728.D
Acq: 13 Jul 2021 20:39

Tgt Ion	Ratio	Lower	Upper
43	100		
57	5.3	6.6	9.8#
72	12.8	21.8	32.6#





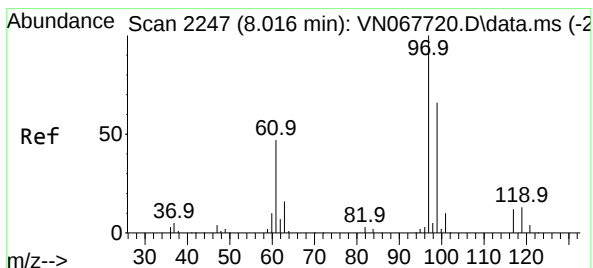
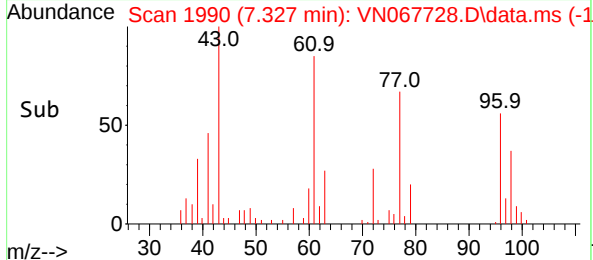
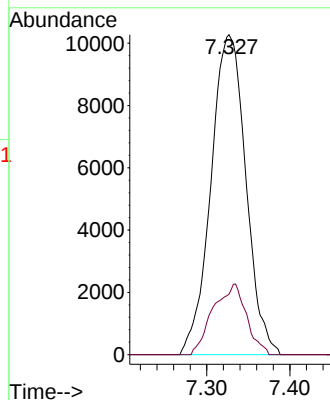
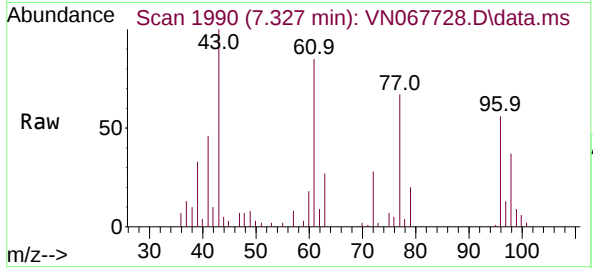
#31
2,2-Dichloropropane
Concen: 4.570 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. 0.003 min
Lab File: VN067728.D
Acq: 13 Jul 2021 20:39

Tgt Ion: 77 Resp: 30030
Ion Ratio Lower Upper
77 100
97 21.0 17.8 26.6

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2021

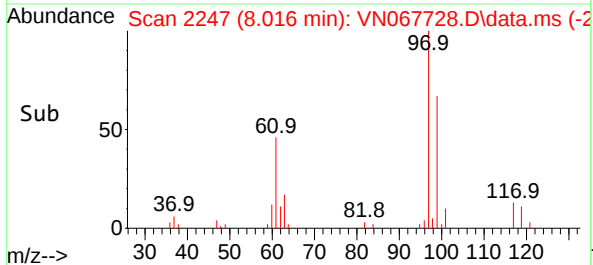
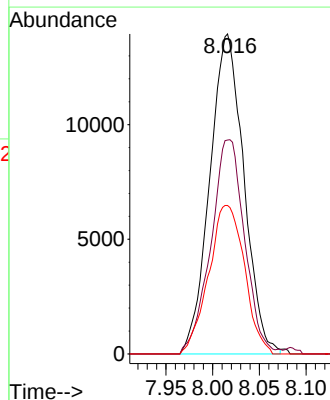
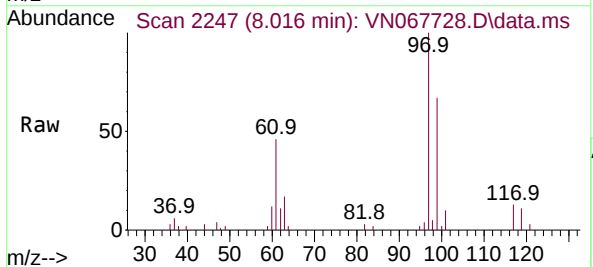
Manual Integrations
APPROVED

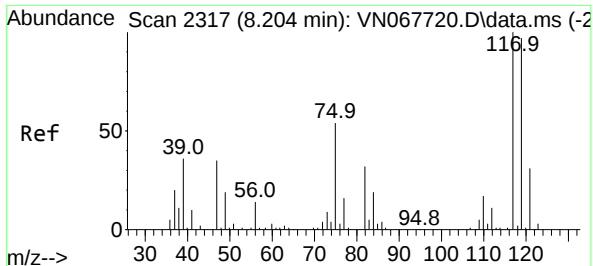
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 4.896 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. -0.000 min
Lab File: VN067728.D
Acq: 13 Jul 2021 20:39

Tgt Ion: 97 Resp: 35412
Ion Ratio Lower Upper
97 100
99 66.2 51.6 77.4
61 48.8 37.6 56.4





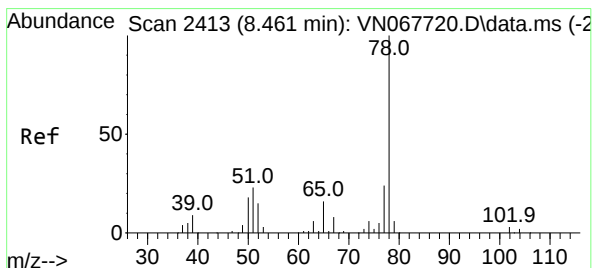
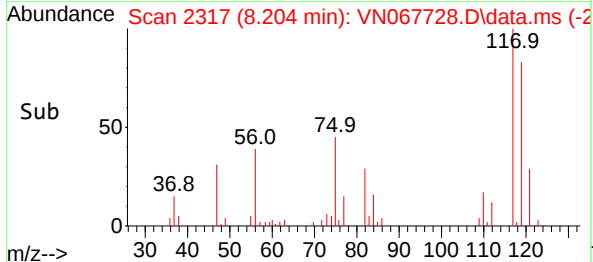
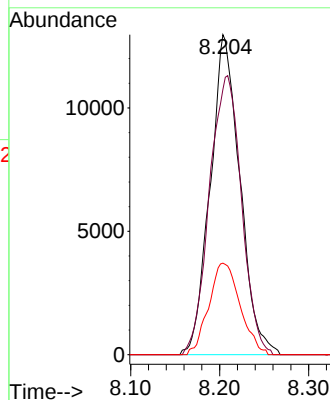
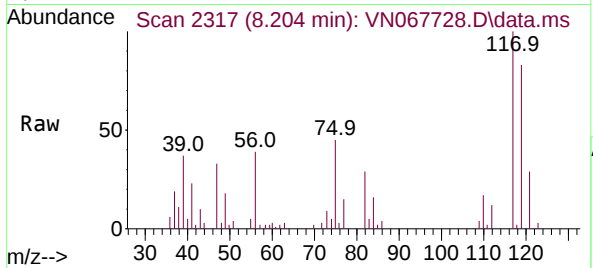
#33
Carbon Tetrachloride
Concen: 4.873 ug/l
RT: 8.204 min Scan# 2317
Delta R.T. -0.000 min
Lab File: VN067728.D
Acq: 13 Jul 2021 20:39

Tgt Ion: 117 Resp: 30097
Ion Ratio Lower Upper
117 100
119 82.9 77.6 116.4
121 28.6 24.6 36.8

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2021

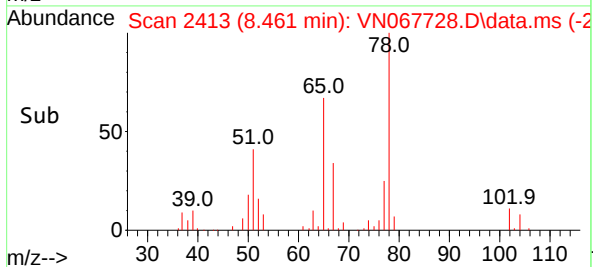
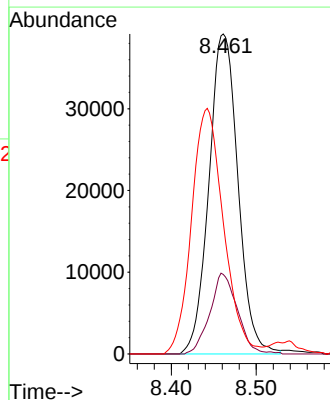
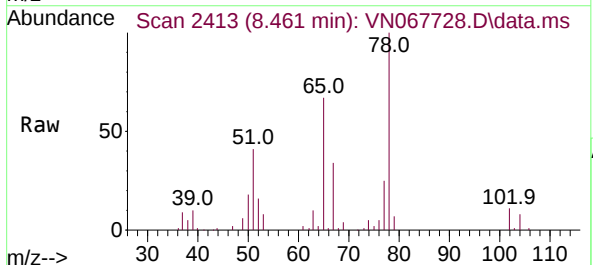
Manual Integrations
APPROVED

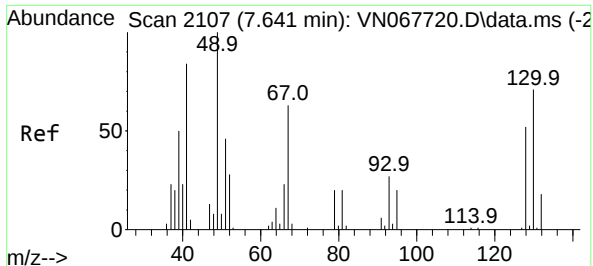
MMDadoda
7/16/2021 10:42:41 AM



#34
Benzene
Concen: 5.286 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. -0.000 min
Lab File: VN067728.D
Acq: 13 Jul 2021 20:39

Tgt Ion: 78 Resp: 93075
Ion Ratio Lower Upper
78 100
77 24.9 19.1 28.7
51 37.7 18.2 27.4#





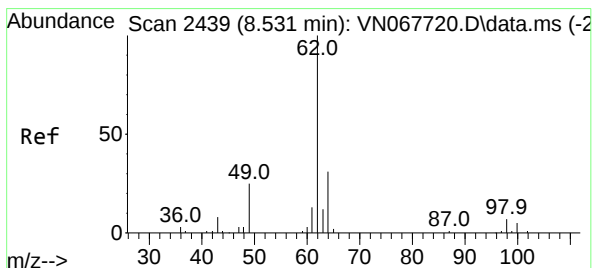
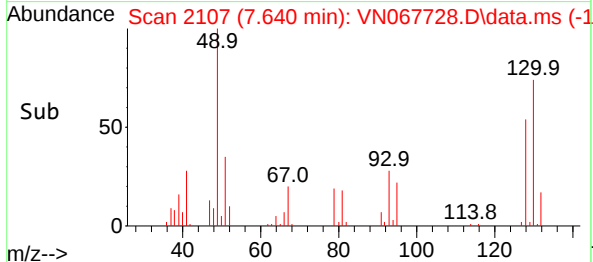
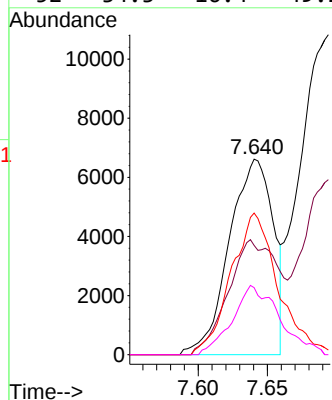
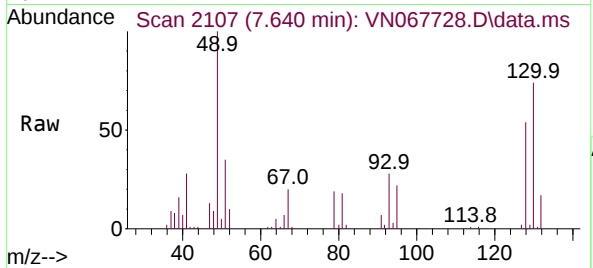
#35
Methacrylonitrile
Concen: 5.208 ug/l
RT: 7.640 min Scan# 2107
Delta R.T. -0.000 min
Lab File: VN067728.D
Acq: 13 Jul 2021 20:39

Tgt Ion:	41	Resp:	14603
Ion	Ratio	Lower	Upper
41	100		
39	55.9	29.6	88.9
67	72.4	37.4	112.2
52	34.3	16.4	49.2

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2021

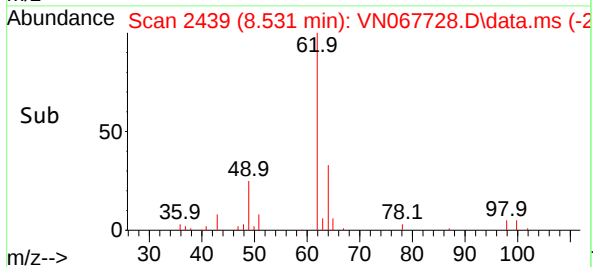
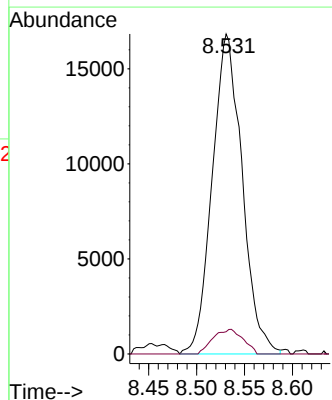
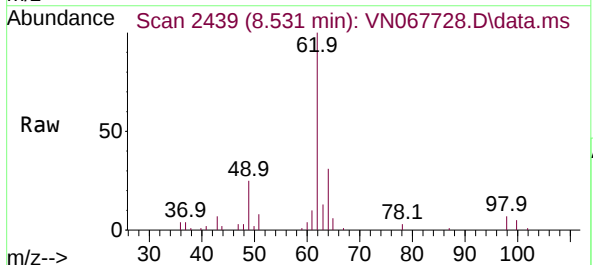
Manual Integrations
APPROVED

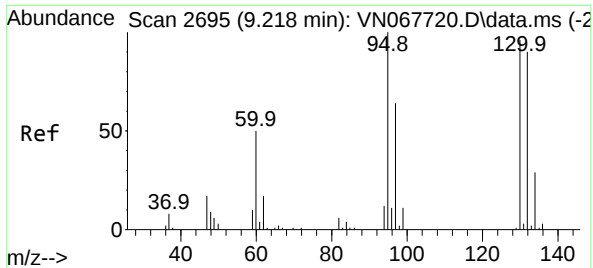
MMDadoda
7/16/2021 10:42:41 AM



#36
1,2-Dichloroethane
Concen: 5.565 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VN067728.D
Acq: 13 Jul 2021 20:39

Tgt Ion:	62	Resp:	36477
Ion	Ratio	Lower	Upper
62	100		
98	3.2	6.2	9.2#





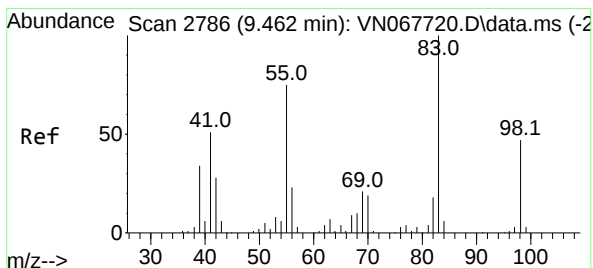
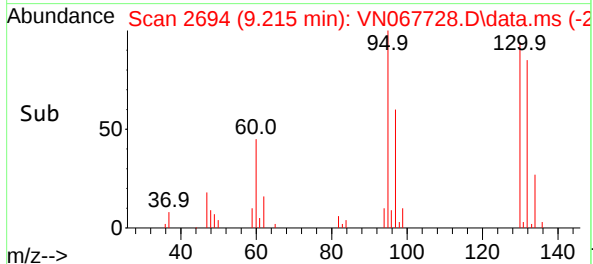
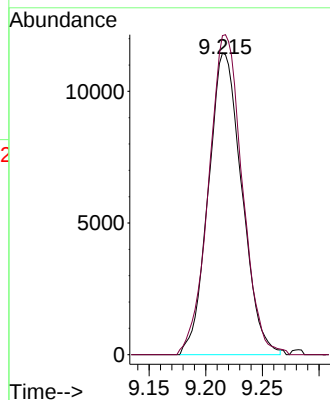
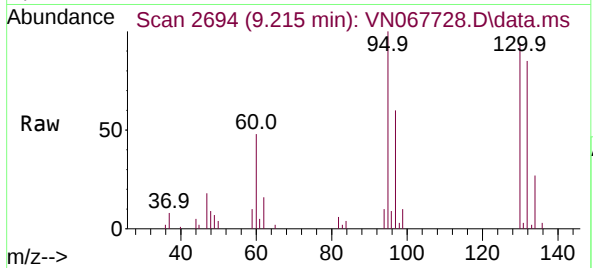
#37
Trichloroethene
Concen: 5.146 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.003 min
Lab File: VN067728.D
Acq: 13 Jul 2021 20:39

Tgt Ion: 130 Resp: 23541
Ion Ratio Lower Upper
130 100
95 104.1 83.2 124.8

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2021

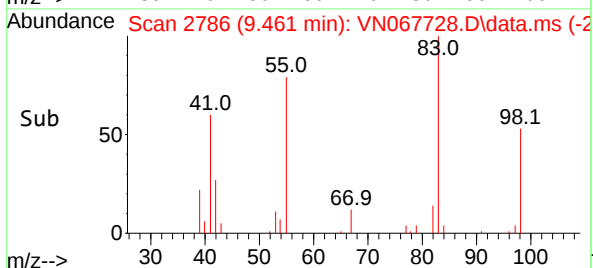
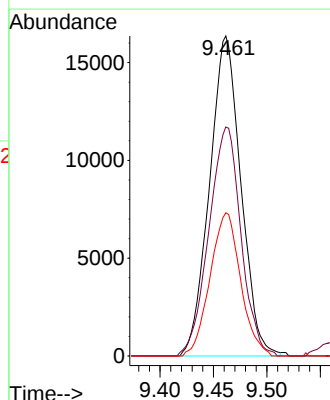
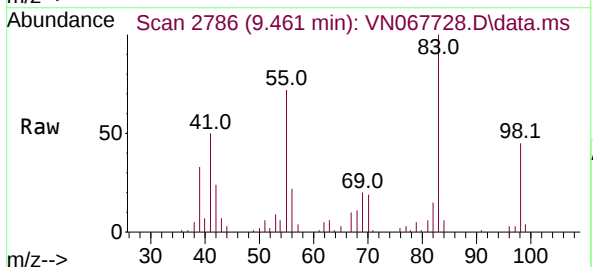
Manual Integrations
APPROVED

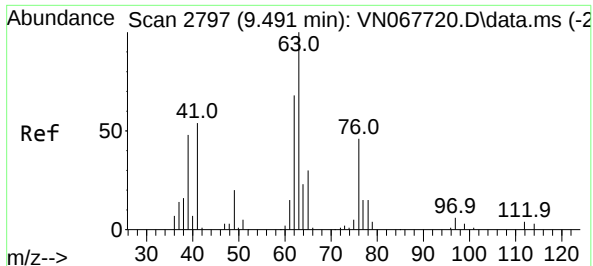
MMDadoda
7/16/2021 10:42:41 AM



#38
Methylcyclohexane
Concen: 5.121 ug/l
RT: 9.461 min Scan# 2786
Delta R.T. -0.000 min
Lab File: VN067728.D
Acq: 13 Jul 2021 20:39

Tgt Ion: 83 Resp: 33410
Ion Ratio Lower Upper
83 100
55 73.2 37.4 112.2
98 43.6 23.5 70.6





#39

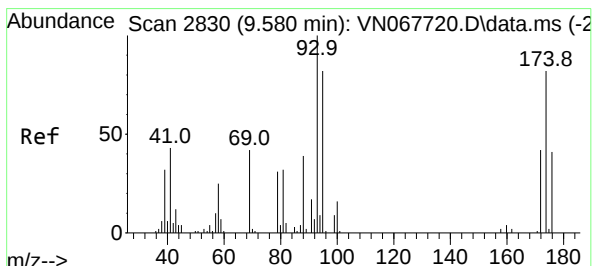
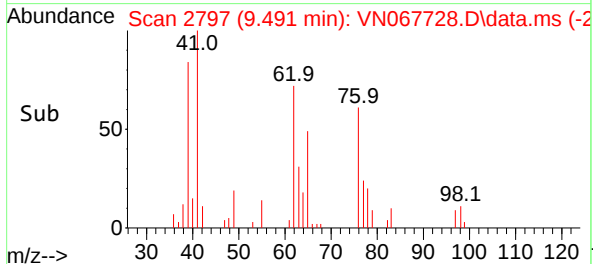
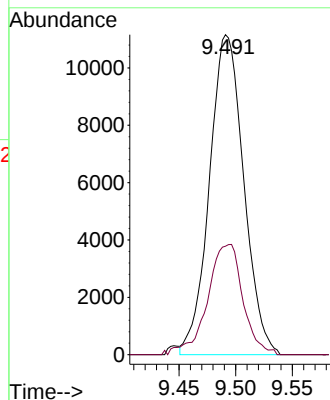
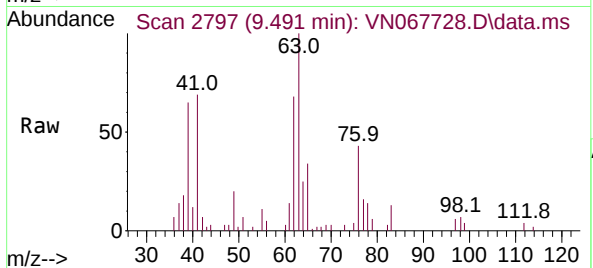
1,2-Dichloropropane
Concen: 5.236 ug/l
RT: 9.491 min Scan# 2797
Delta R.T. -0.000 min
Lab File: VN067728.D
Acq: 13 Jul 2021 20:39

Tgt Ion: 63 Resp: 23510
Ion Ratio Lower Upper
63 100
65 33.9 24.3 36.5

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2021

Manual Integrations
APPROVED

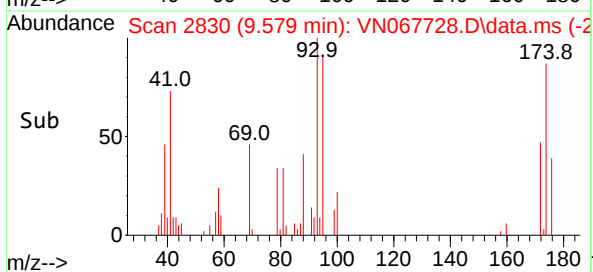
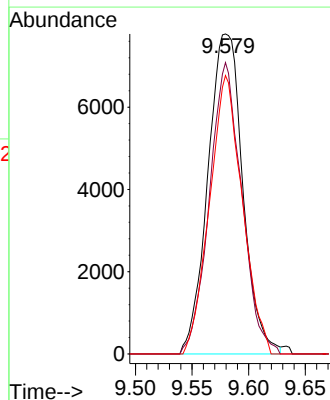
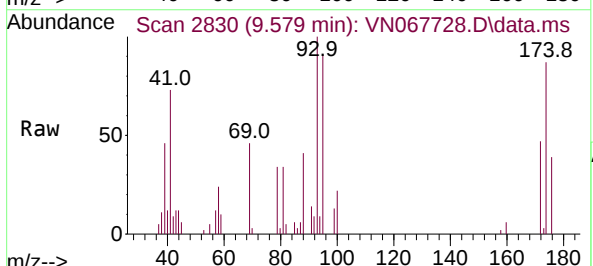
MMDadoda
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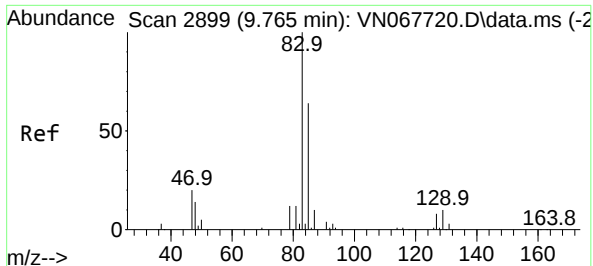


#40

Dibromomethane
Concen: 5.163 ug/l
RT: 9.579 min Scan# 2830
Delta R.T. -0.000 min
Lab File: VN067728.D
Acq: 13 Jul 2021 20:39

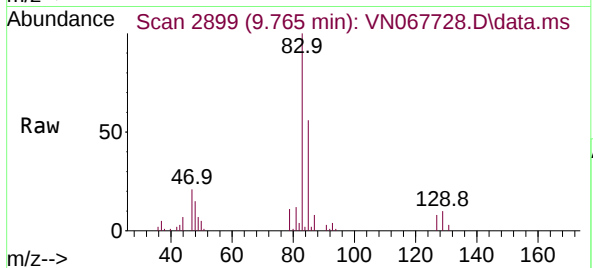
Tgt Ion: 93 Resp: 16672
Ion Ratio Lower Upper
93 100
95 83.9 0.0 165.4
174 81.6 0.0 163.0





#41
Bromodichloromethane
Concen: 4.932 ug/l
RT: 9.765 min Scan# 2899
Delta R.T. -0.000 min
Lab File: VN067728.D
Acq: 13 Jul 2021 20:39

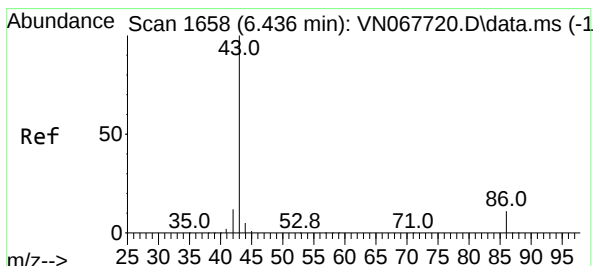
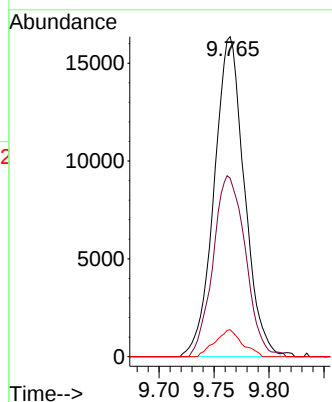
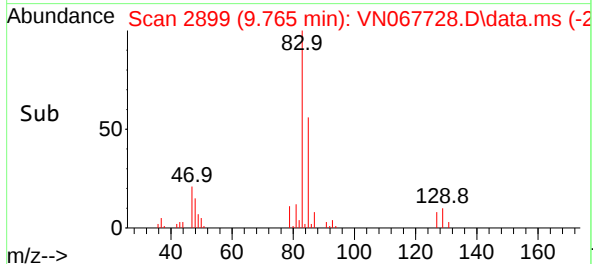
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2021



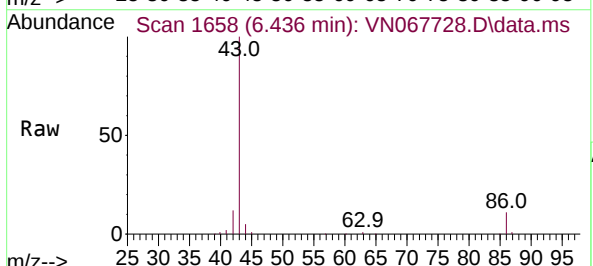
Tgt Ion: 83 Resp: 31258
Ion Ratio Lower Upper
83 100
85 55.8 51.3 76.9
127 8.4 6.6 10.0

Manual Integrations
APPROVED

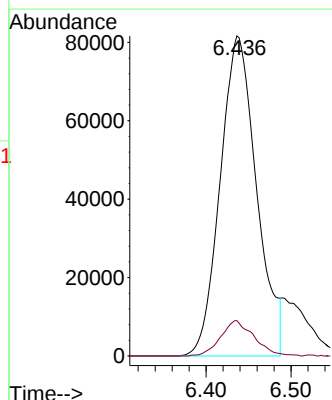
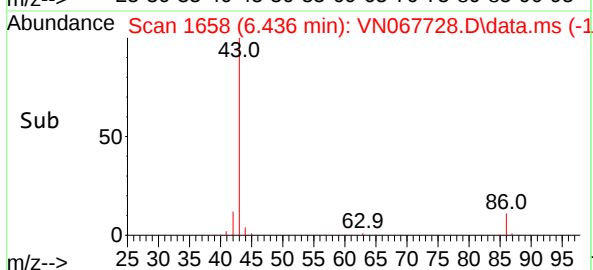
MMDadoda
7/16/2021 10:42:41 AM

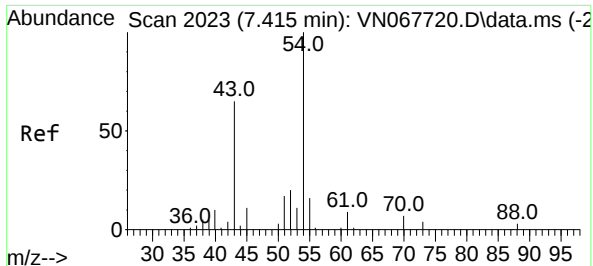


#42
Vinyl Acetate
Concen: 22.339 ug/l
RT: 6.436 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VN067728.D
Acq: 13 Jul 2021 20:39



Tgt Ion: 43 Resp: 242417
Ion Ratio Lower Upper
43 100
86 10.2 8.2 12.2





#43

Ethyl Acetate

Concen: 4.960 ug/l

RT: 7.415 min Scan# 2023

Delta R.T. -0.000 min

Lab File: VN067728.D

Acq: 13 Jul 2021 20:39

Tgt Ion: 43 Resp: 27353

Ion Ratio Lower Upper

43 100

45 15.7 10.5 15.7

Instrument :

MSVOA_N

ClientSampleId :

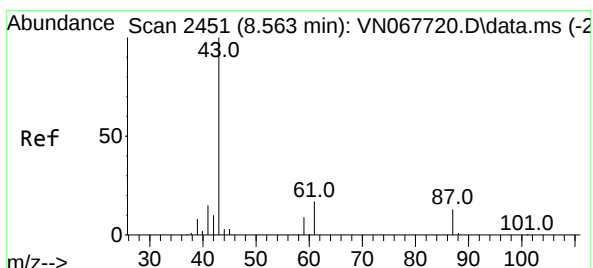
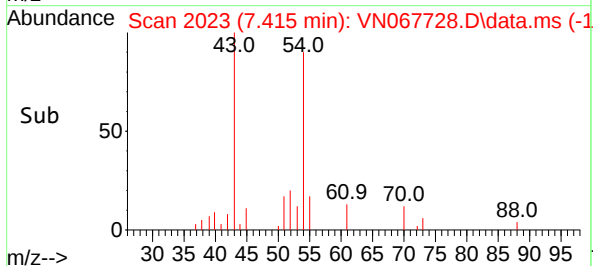
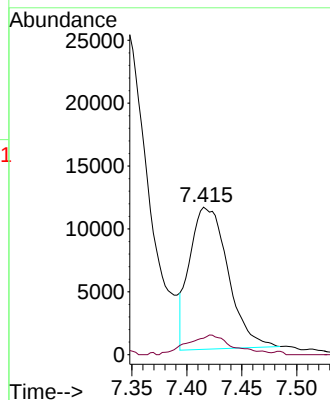
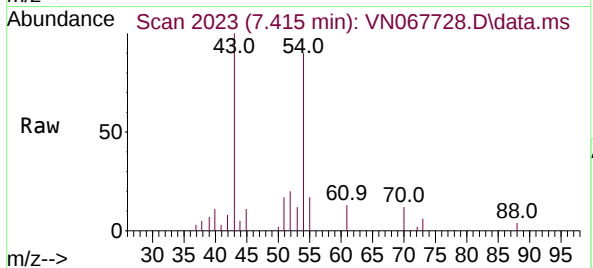
LOQ-WATER-02-QT3-2021

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#44

Isopropyl Acetate

Concen: 5.127 ug/l

RT: 8.563 min Scan# 2451

Delta R.T. -0.000 min

Lab File: VN067728.D

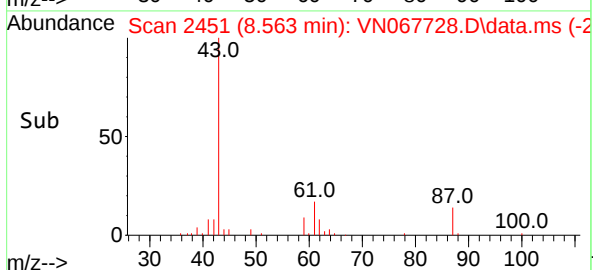
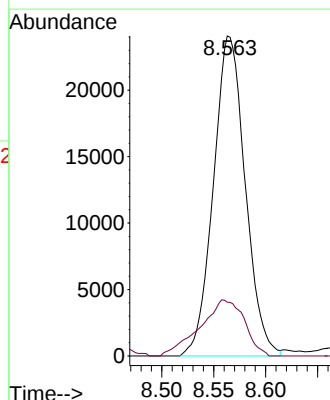
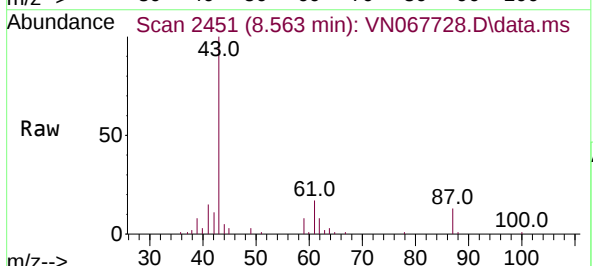
Acq: 13 Jul 2021 20:39

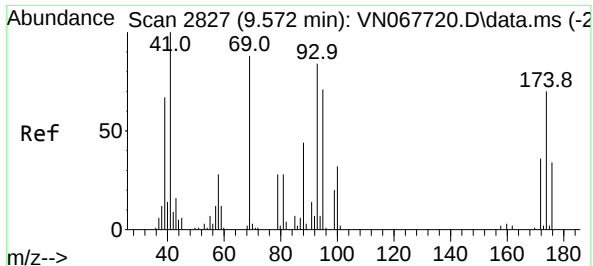
Tgt Ion: 43 Resp: 51336

Ion Ratio Lower Upper

43 100

61 24.4 20.4 30.6





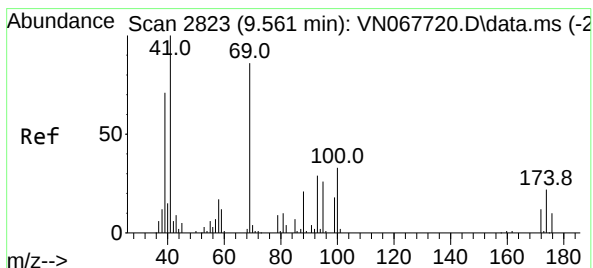
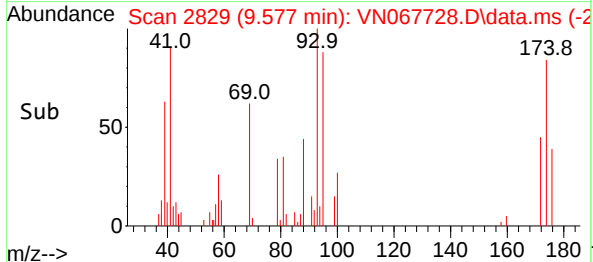
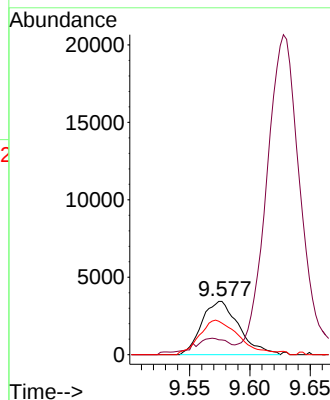
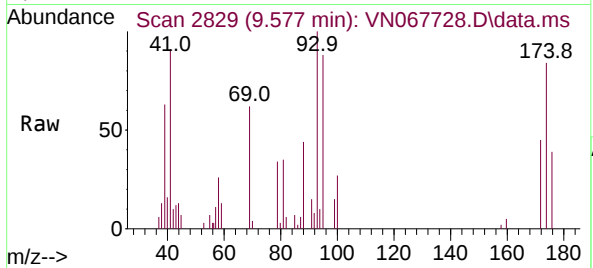
#45
1,4-Dioxane
Concen: 97.473 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. 0.005 min
Lab File: VN067728.D
Acq: 13 Jul 2021 20:39

Tgt Ion: 88 Resp: 7391
Ion Ratio Lower Upper
88 100
43 18.8 26.9 40.3#
58 68.1 52.2 78.4

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2021

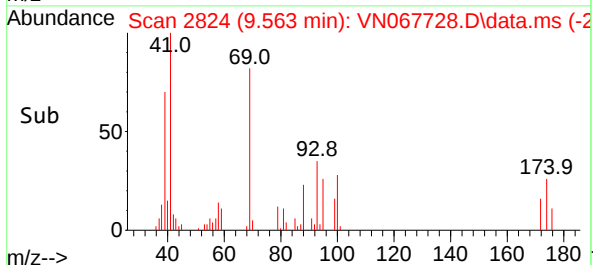
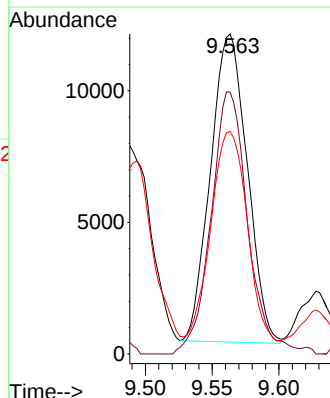
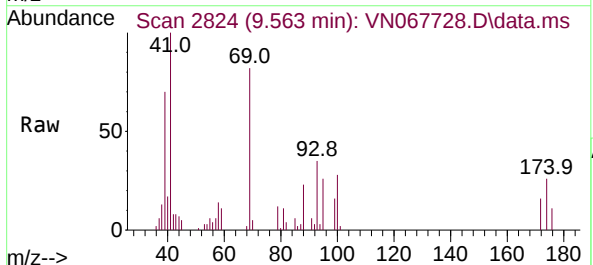
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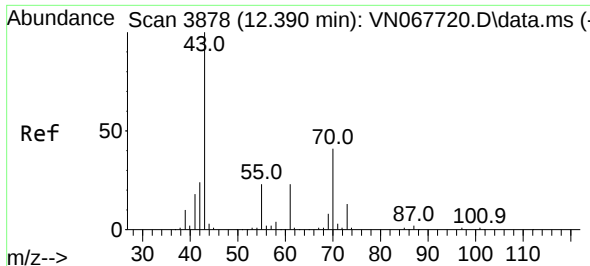
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#46
Methyl methacrylate
Concen: 5.183 ug/l
RT: 9.563 min Scan# 2824
Delta R.T. 0.003 min
Lab File: VN067728.D
Acq: 13 Jul 2021 20:39

Tgt Ion: 41 Resp: 22402
Ion Ratio Lower Upper
41 100
69 83.2 43.0 128.8
39 68.1 35.5 106.7





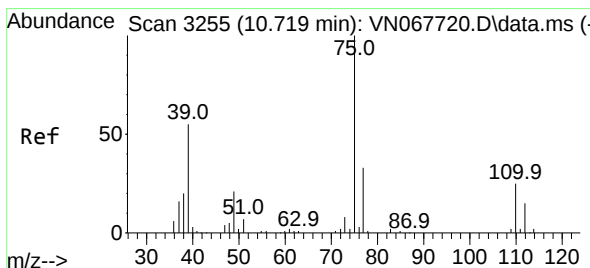
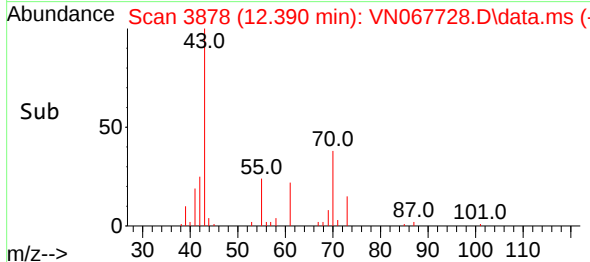
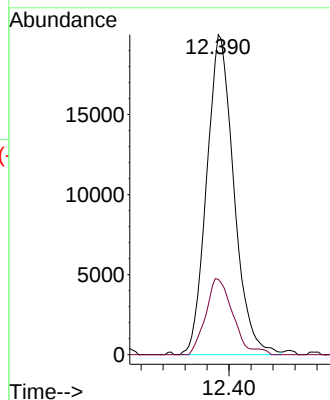
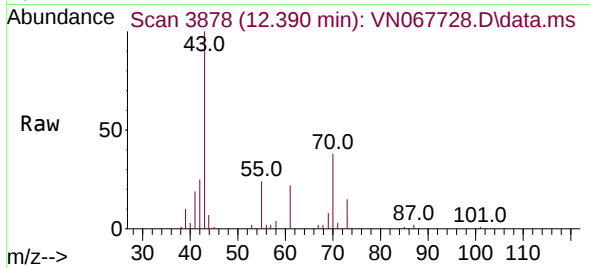
#47
n-amyl acetate
Concen: 4.177 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. -0.000 min
Lab File: VN067728.D
Acq: 13 Jul 2021 20:39

Tgt Ion: 43 Resp: 34332
Ion Ratio Lower Upper
43 100
55 23.1 19.0 28.6

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2021

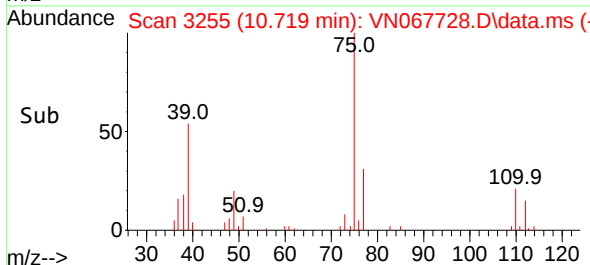
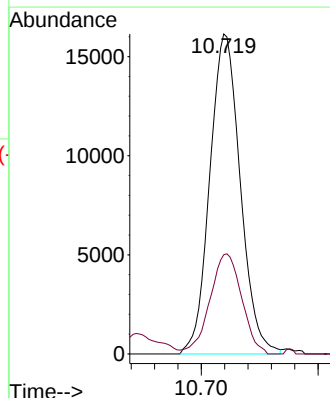
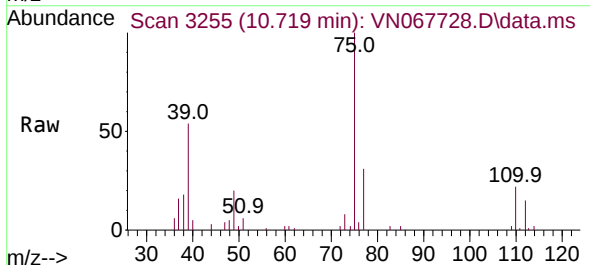
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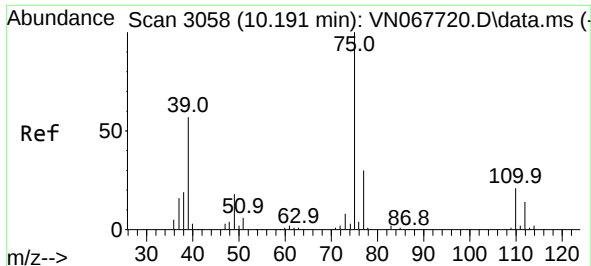
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#48
t-1,3-Dichloropropene
Concen: 4.282 ug/l
RT: 10.719 min Scan# 3255
Delta R.T. -0.000 min
Lab File: VN067728.D
Acq: 13 Jul 2021 20:39

Tgt Ion: 75 Resp: 29249
Ion Ratio Lower Upper
75 100
77 31.0 27.0 40.4





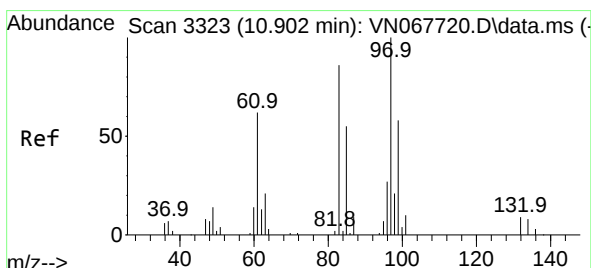
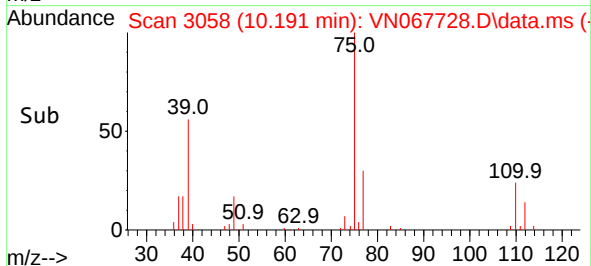
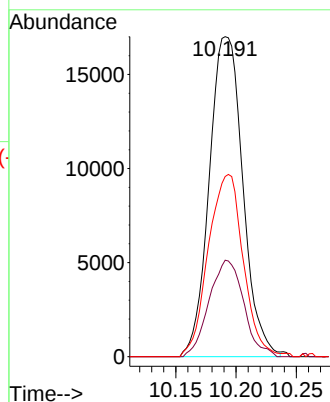
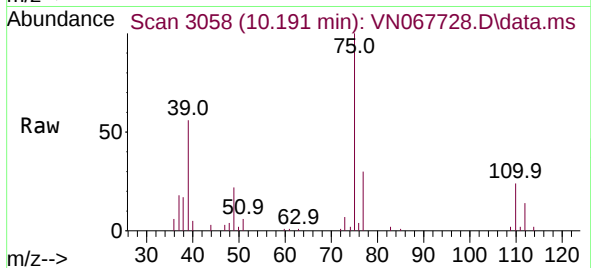
#49
 cis-1,3-Dichloropropene
 Concen: 4.543 ug/l
 RT: 10.191 min Scan# 3058
 Delta R.T. -0.000 min
 Lab File: VN067728.D
 Acq: 13 Jul 2021 20:39

Tgt Ion:	75	Resp:	32941
Ion	Ratio	Lower	Upper
75	100		
77	30.2	23.8	35.6
39	56.3	45.3	67.9

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT3-2021

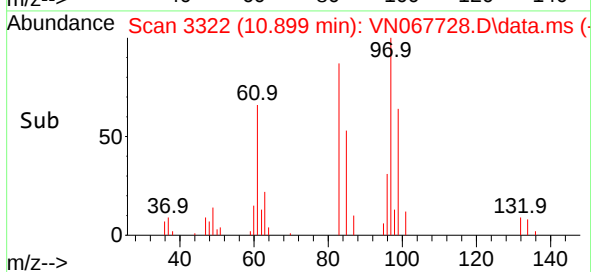
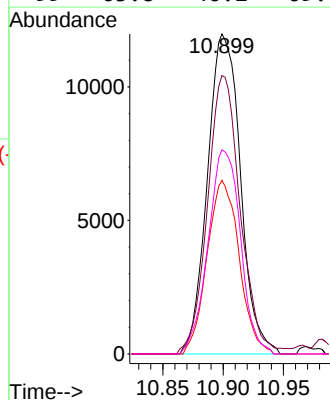
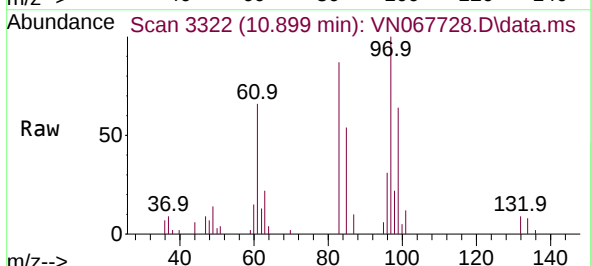
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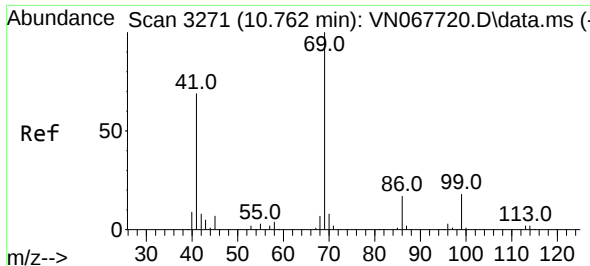
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#50
 1,1,2-Trichloroethane
 Concen: 4.954 ug/l
 RT: 10.899 min Scan# 3322
 Delta R.T. -0.003 min
 Lab File: VN067728.D
 Acq: 13 Jul 2021 20:39

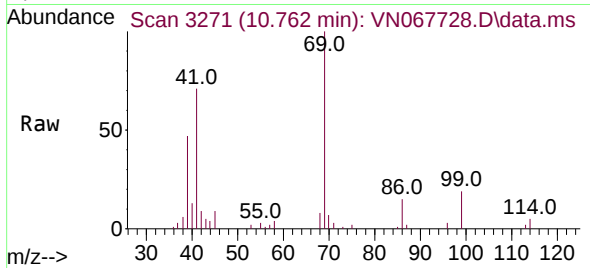
Tgt Ion:	97	Resp:	22827
Ion	Ratio	Lower	Upper
97	100		
83	85.4	69.0	103.4
85	54.2	43.8	65.8
99	63.8	46.2	69.4





#51
Ethyl methacrylate
Concen: 4.414 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. -0.000 min
Lab File: VN067728.D
Acq: 13 Jul 2021 20:39

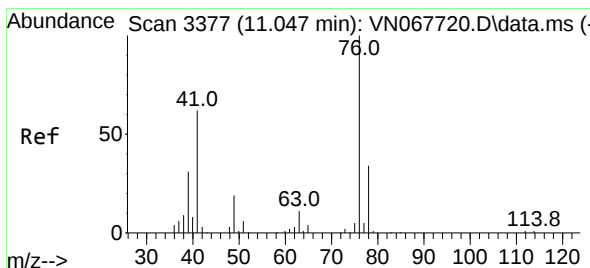
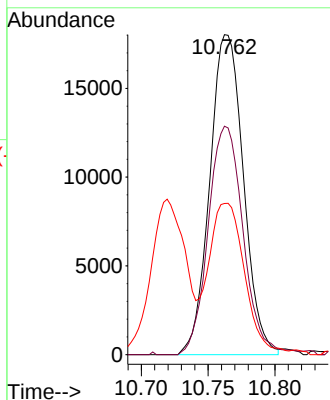
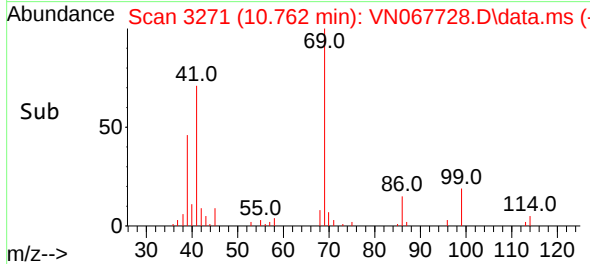
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2021



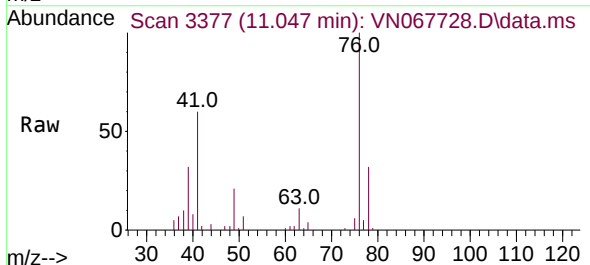
Tgt Ion: 69 Resp: 31630
Ion Ratio Lower Upper
69 100
41 71.4 34.3 102.9
39 45.2 23.7 71.1

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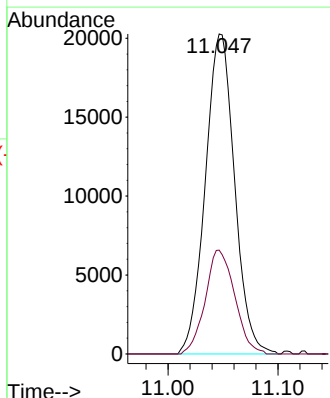
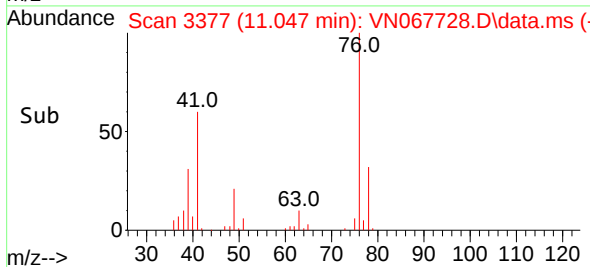
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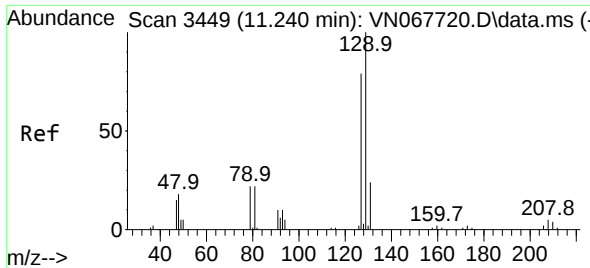


#52
1,3-Dichloropropane
Concen: 4.916 ug/l
RT: 11.047 min Scan# 3377
Delta R.T. -0.000 min
Lab File: VN067728.D
Acq: 13 Jul 2021 20:39



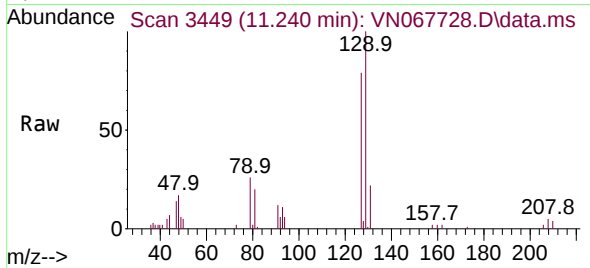
Tgt Ion: 76 Resp: 37456
Ion Ratio Lower Upper
76 100
78 32.7 0.0 67.0





#53
Dibromochloromethane
Concen: 4.226 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. -0.000 min
Lab File: VN067728.D
Acq: 13 Jul 2021 20:39

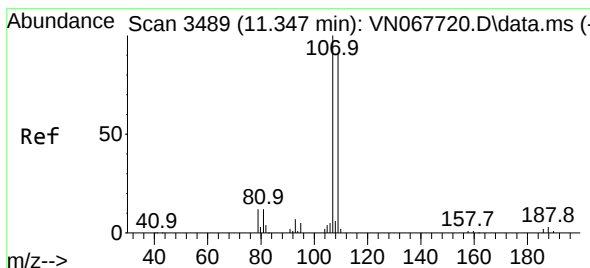
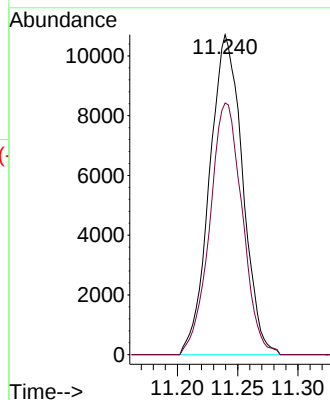
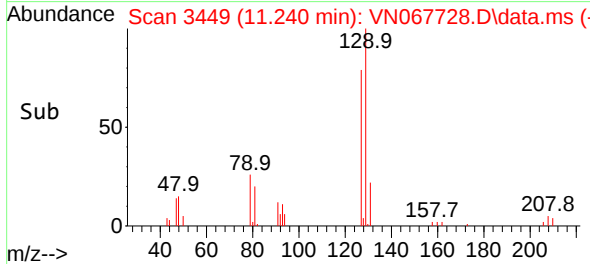
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2021



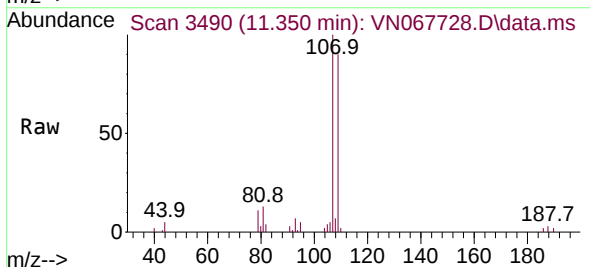
Tgt Ion:129 Resp: 20382
Ion Ratio Lower Upper
129 100
127 77.5 39.6 118.8

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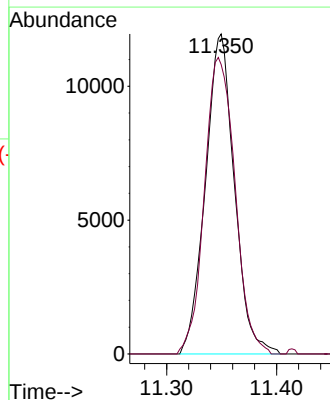
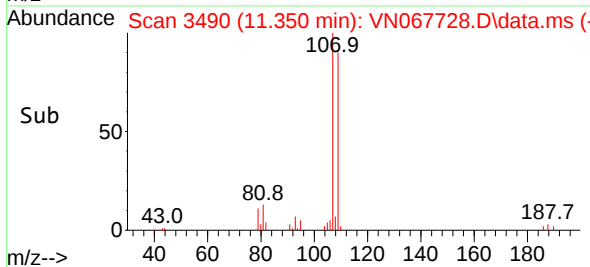
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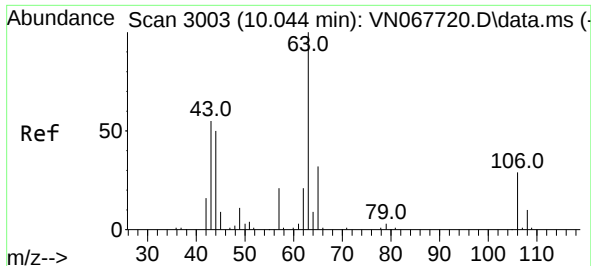


#54
1,2-Dibromoethane
Concen: 4.605 ug/l
RT: 11.350 min Scan# 3490
Delta R.T. 0.003 min
Lab File: VN067728.D
Acq: 13 Jul 2021 20:39



Tgt Ion:107 Resp: 21886
Ion Ratio Lower Upper
107 100
109 97.8 74.6 111.8





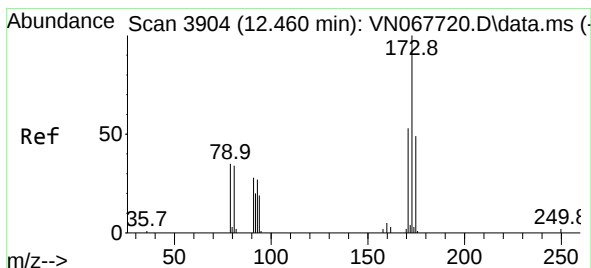
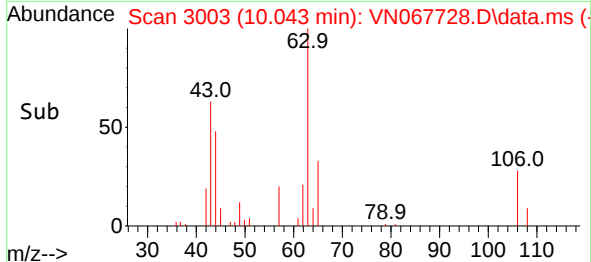
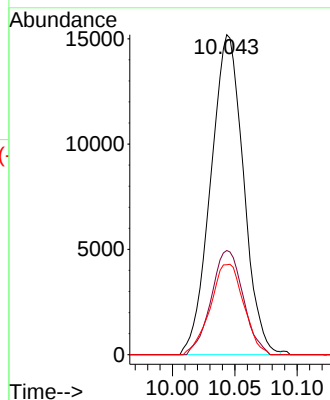
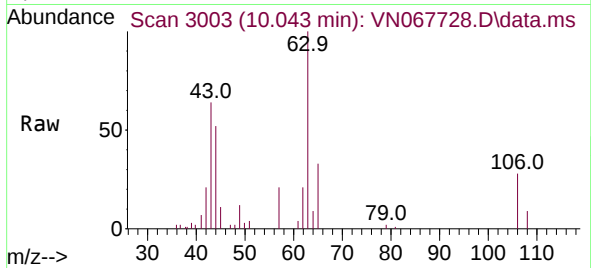
#55
2-Chloroethyl vinyl ether
Concen: 20.028 ug/l
RT: 10.043 min Scan# 3003
Delta R.T. -0.000 min
Lab File: VN067728.D
Acq: 13 Jul 2021 20:39

Tgt Ion:	63	Resp:	27756
Ion Ratio	Lower	Upper	
63	100		
65	31.8	25.5	38.3
106	28.9	22.1	33.1

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2021

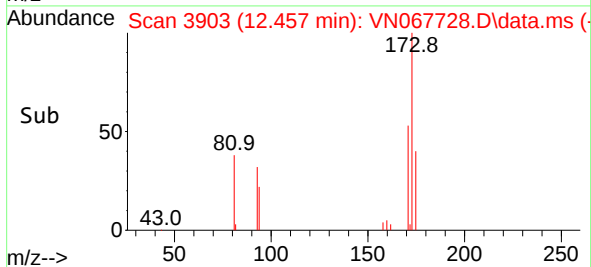
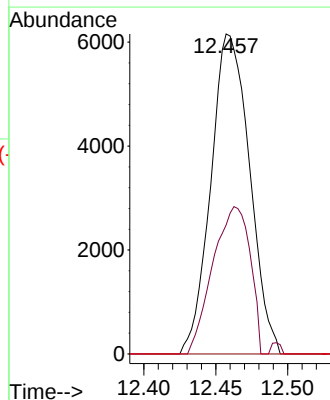
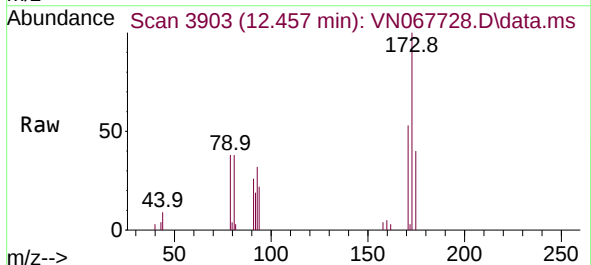
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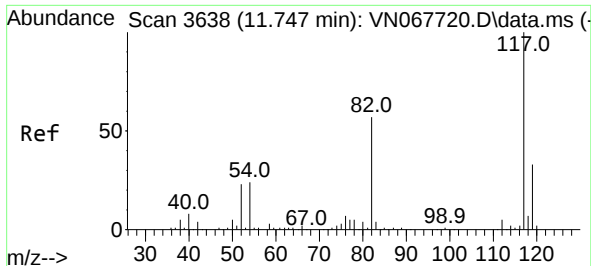
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#56
Bromoform
Concen: 3.408 ug/l
RT: 12.457 min Scan# 3903
Delta R.T. -0.003 min
Lab File: VN067728.D
Acq: 13 Jul 2021 20:39

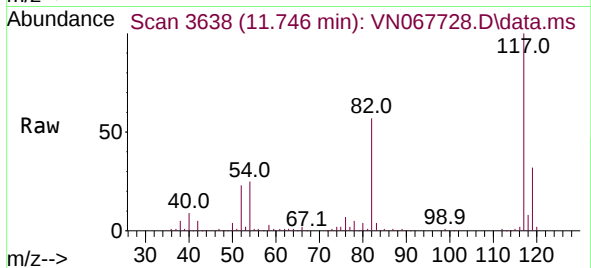
Tgt Ion:	173	Resp:	11518
Ion Ratio	Lower	Upper	
173	100		
175	44.4	38.5	57.7
254	0.0	0.0	0.0





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN067728.D
Acq: 13 Jul 2021 20:39

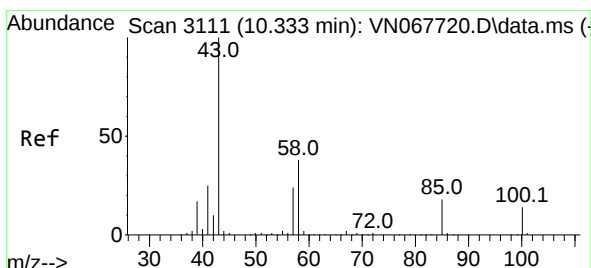
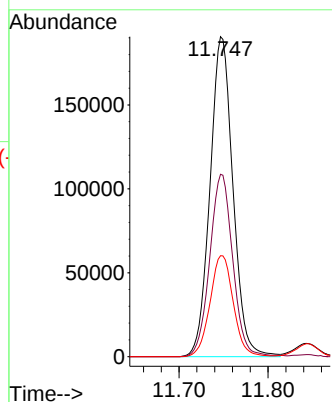
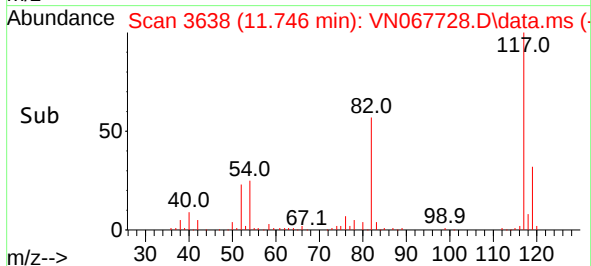
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2021



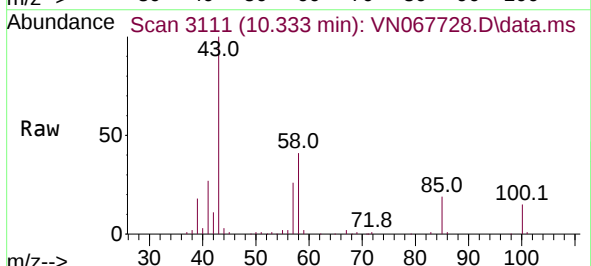
Tgt Ion:117 Resp: 341778
Ion Ratio Lower Upper
117 100
82 57.0 45.4 68.0
119 32.1 25.7 38.5

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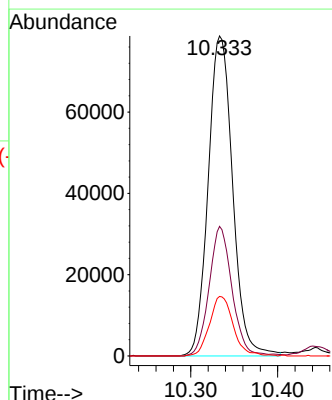
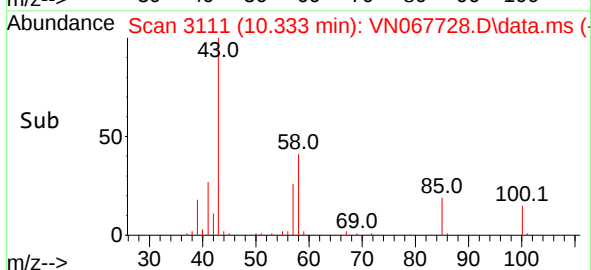
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7/16/2021 10:42:41 AM

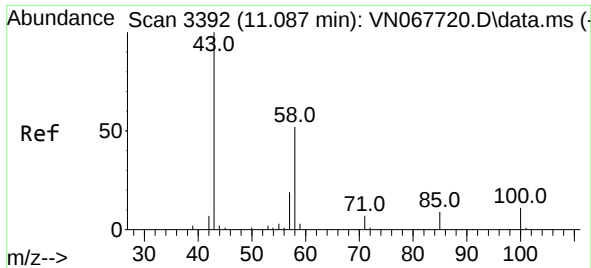


#58
4-Methyl-2-Pentanone
Concen: 26.228 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. -0.000 min
Lab File: VN067728.D
Acq: 13 Jul 2021 20:39



Tgt Ion: 43 Resp: 153921
Ion Ratio Lower Upper
43 100
58 37.7 29.9 44.9
85 17.9 14.1 21.1





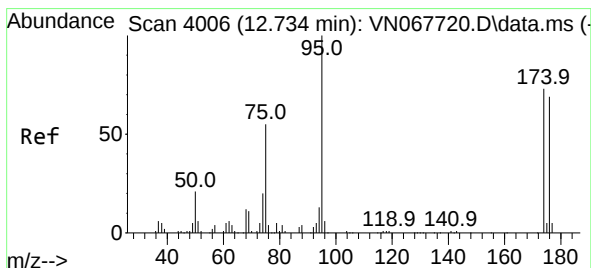
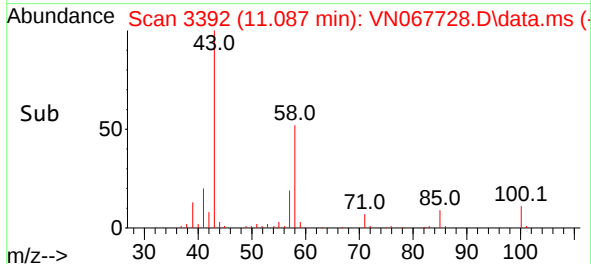
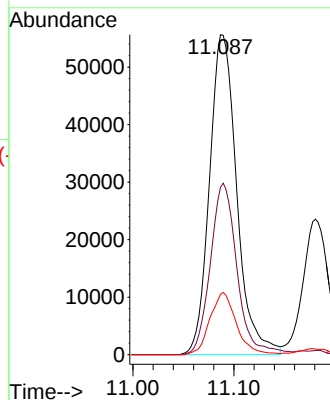
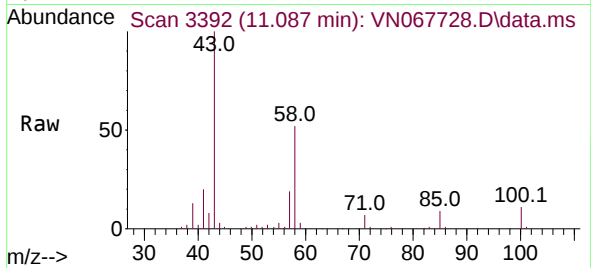
#59
2-Hexanone
Concen: 25.384 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. -0.000 min
Lab File: VN067728.D
Acq: 13 Jul 2021 20:39

Tgt Ion: 43 Resp: 104450
Ion Ratio Lower Upper
43 100
58 52.4 41.5 62.3
57 18.9 15.1 22.7

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2021

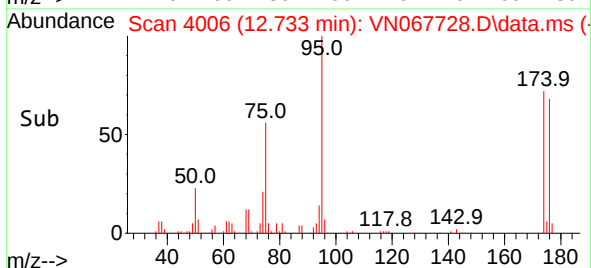
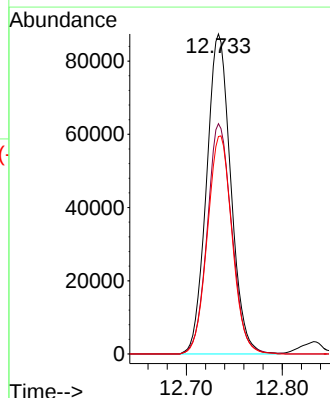
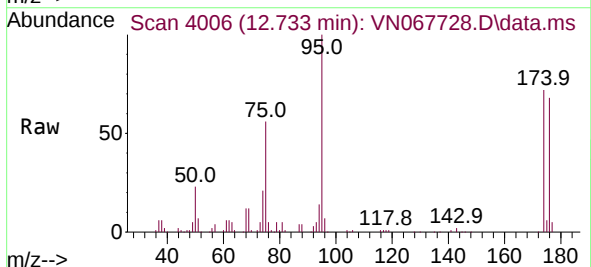
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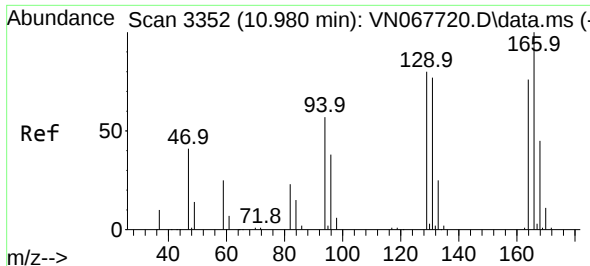
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#60
4-Bromofluorobenzene
Concen: 27.705 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN067728.D
Acq: 13 Jul 2021 20:39

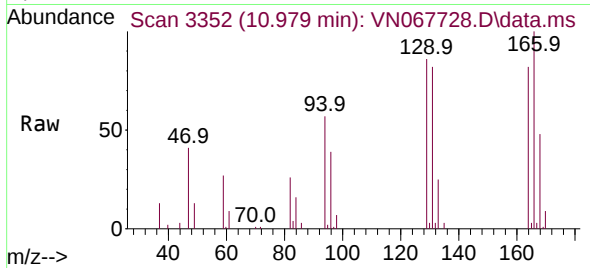
Tgt Ion: 95 Resp: 153780
Ion Ratio Lower Upper
95 100
174 72.9 57.1 85.7
176 69.5 54.6 81.8





#61
Tetrachloroethene
Concen: 5.575 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. -0.000 min
Lab File: VN067728.D
Acq: 13 Jul 2021 20:39

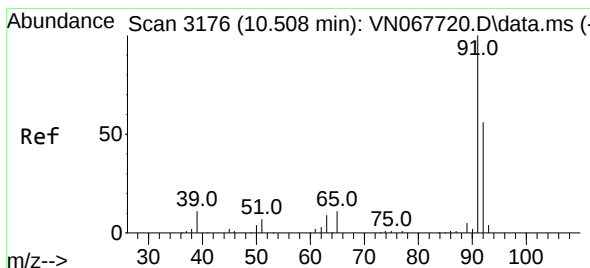
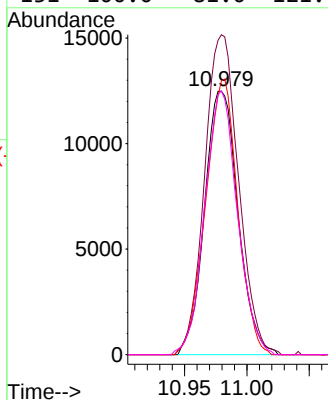
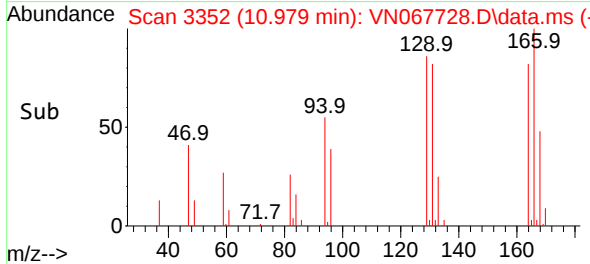
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2021



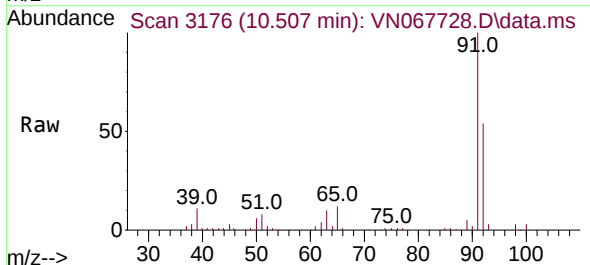
Tgt Ion:164 Resp: 23406
Ion Ratio Lower Upper
164 100
166 120.2 105.5 158.3
129 103.9 84.5 126.7
131 100.0 81.0 121.4

Manual Integrations
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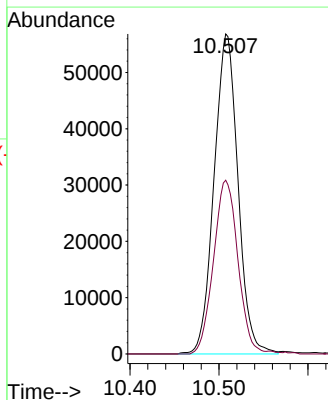
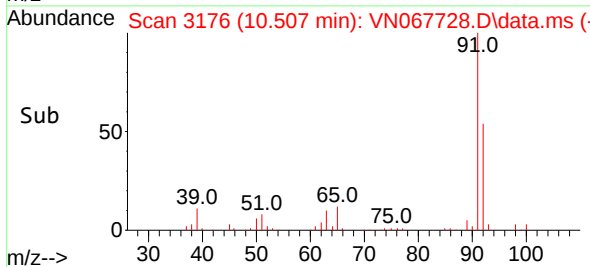
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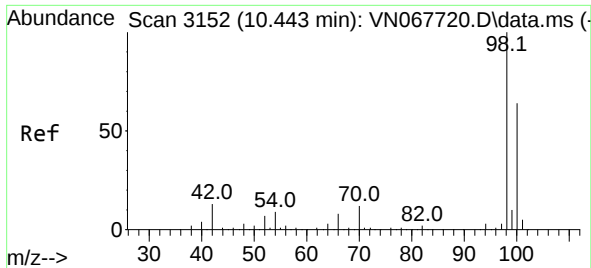


#62
Toluene
Concen: 5.275 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. -0.000 min
Lab File: VN067728.D
Acq: 13 Jul 2021 20:39



Tgt Ion: 91 Resp: 106053
Ion Ratio Lower Upper
91 100
92 55.4 44.8 67.2





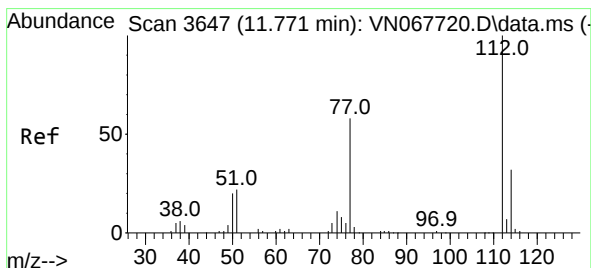
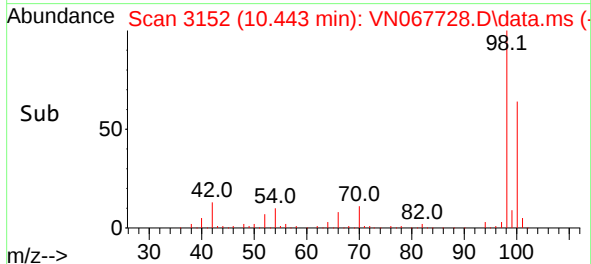
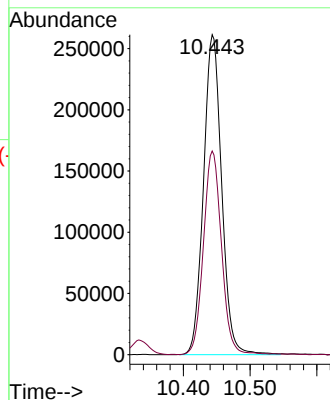
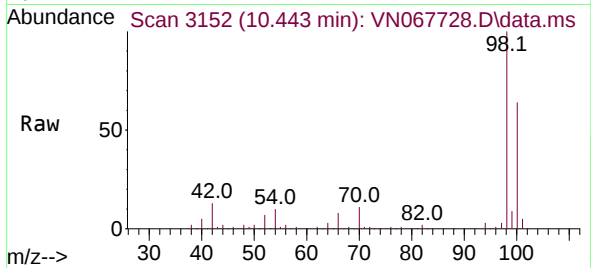
#63
Toluene-d8
Concen: 31.475 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN067728.D
Acq: 13 Jul 2021 20:39

Tgt Ion: 98 Resp: 494791
Ion Ratio Lower Upper
98 100
100 62.8 51.0 76.4

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2021

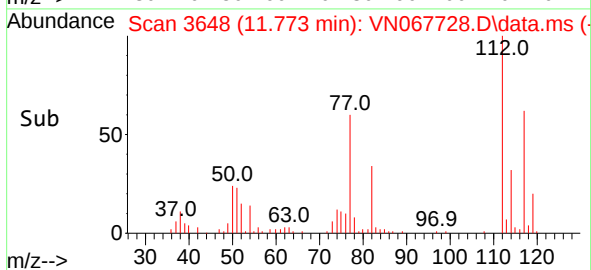
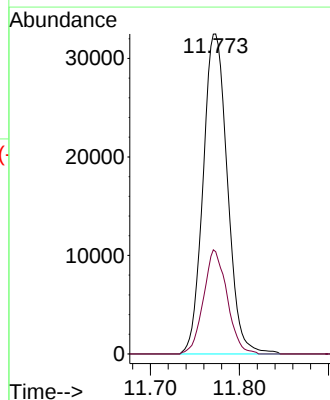
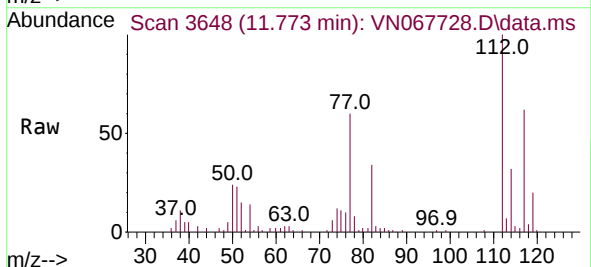
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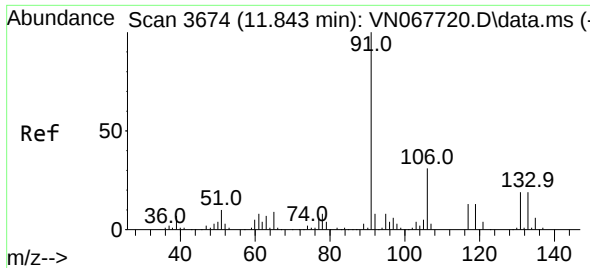
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#64
Chlorobenzene
Concen: 5.120 ug/l
RT: 11.773 min Scan# 3648
Delta R.T. 0.003 min
Lab File: VN067728.D
Acq: 13 Jul 2021 20:39

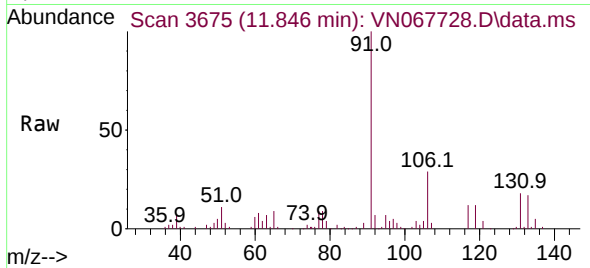
Tgt Ion: 112 Resp: 61648
Ion Ratio Lower Upper
112 100
114 32.0 25.2 37.8





#65
1,1,1,2-Tetrachloroethane
Concen: 4.636 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.003 min
Lab File: VN067728.D
Acq: 13 Jul 2021 20:39

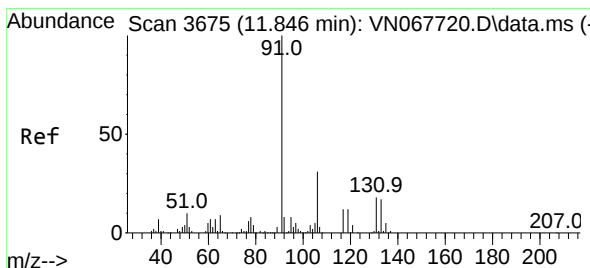
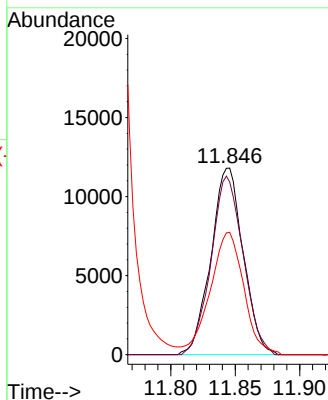
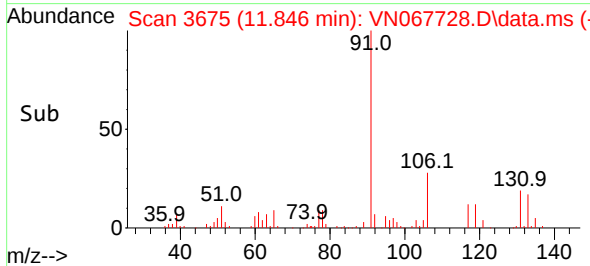
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2021



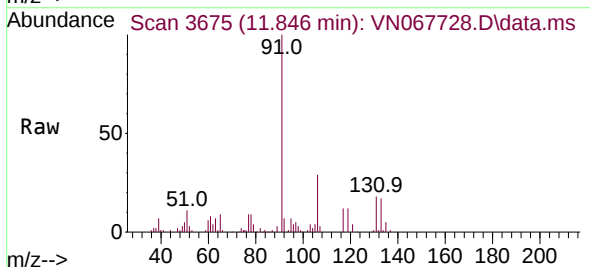
Tgt Ion:131 Resp: 20566
Ion Ratio Lower Upper
131 100
133 95.1 0.0 192.6
119 68.2 0.0 133.8

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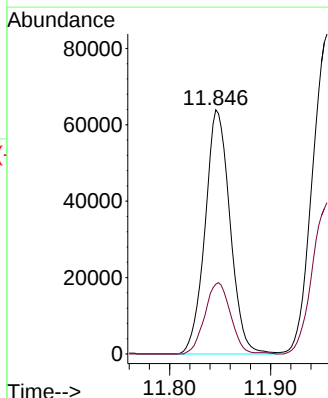
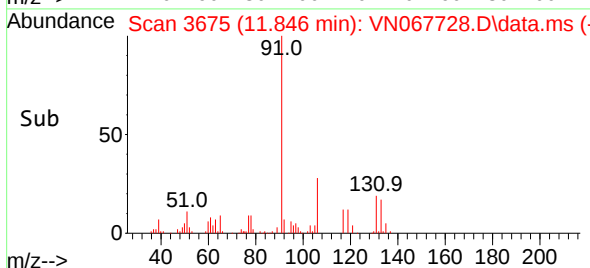
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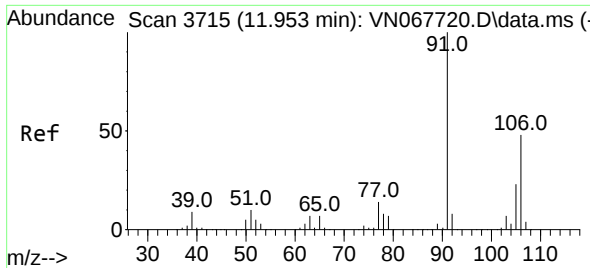


#66
Ethyl Benzene
Concen: 4.934 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.000 min
Lab File: VN067728.D
Acq: 13 Jul 2021 20:39



Tgt Ion: 91 Resp: 109761
Ion Ratio Lower Upper
91 100
106 28.6 24.6 37.0





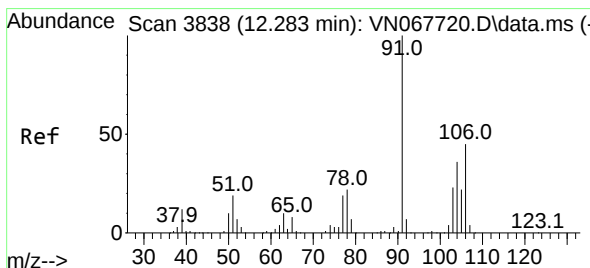
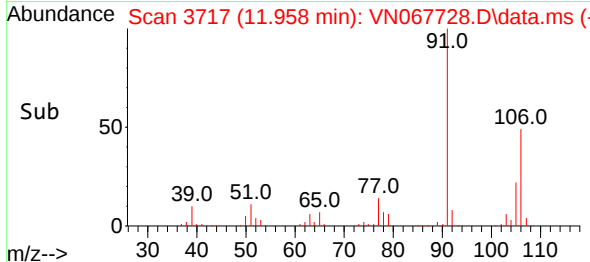
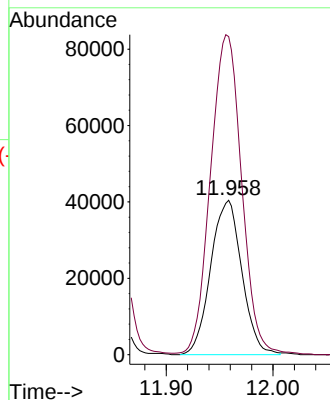
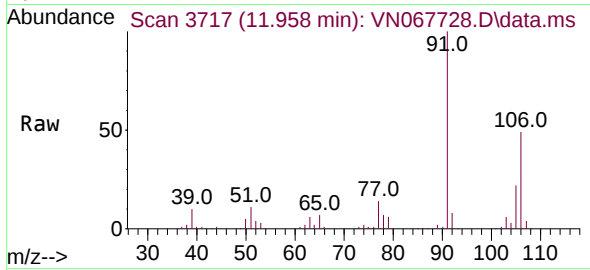
#67
m/p-Xylenes
Concen: 9.653 ug/l
RT: 11.958 min Scan# 3717
Delta R.T. 0.005 min
Lab File: VN067728.D
Acq: 13 Jul 2021 20:39

Tgt Ion:106 Resp: 81904
Ion Ratio Lower Upper
106 100
91 207.9 166.6 250.0

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2021

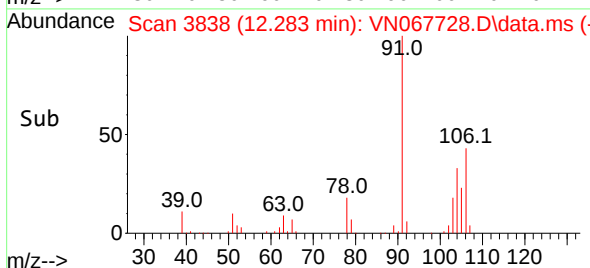
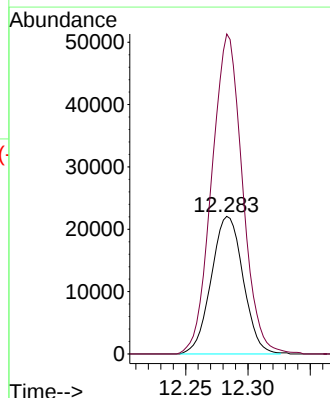
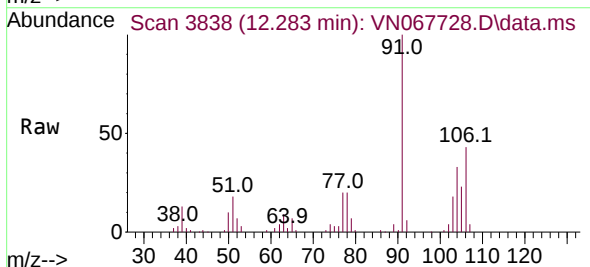
Manual Integrations
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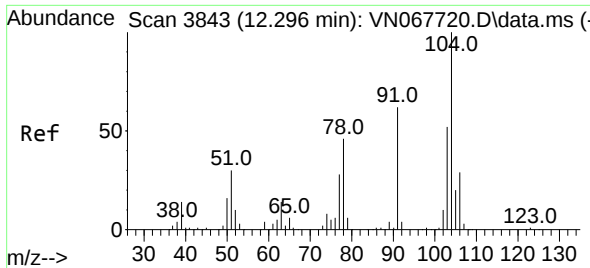
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#68
o-Xylene
Concen: 4.692 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. -0.000 min
Lab File: VN067728.D
Acq: 13 Jul 2021 20:39

Tgt Ion:106 Resp: 39298
Ion Ratio Lower Upper
106 100
91 224.0 109.6 328.8





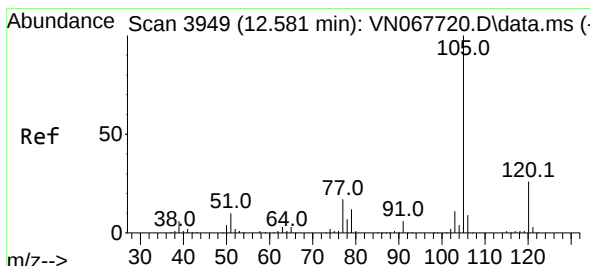
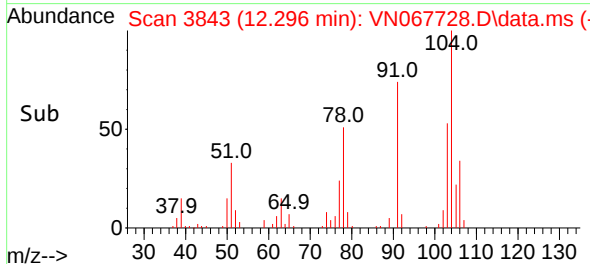
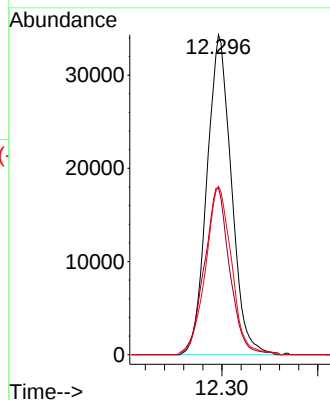
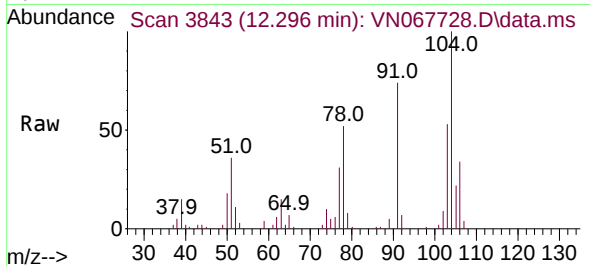
#69
Styrene
Concen: 4.400 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. -0.000 min
Lab File: VN067728.D
Acq: 13 Jul 2021 20:39

Tgt Ion	Ratio	Lower	Upper
104	100		
78	53.8	40.8	61.2
103	55.7	44.9	67.3

Instrument :
MSVOA_N
ClientSampleId :
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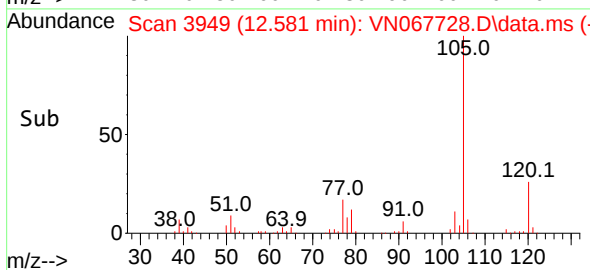
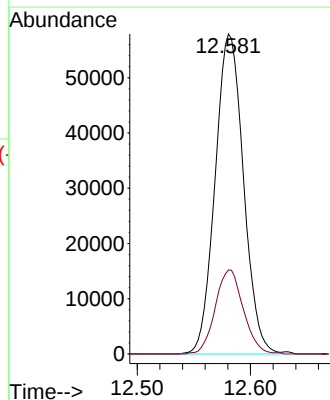
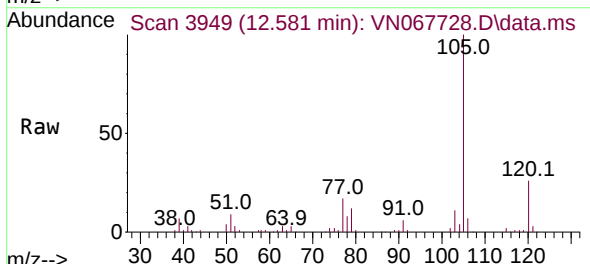
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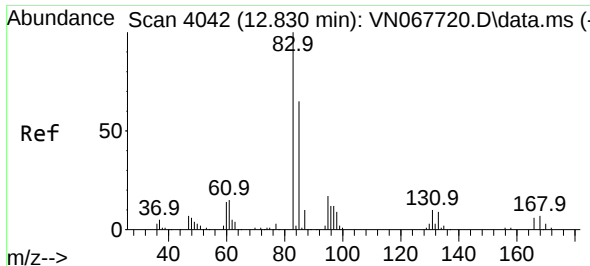
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#70
Isopropylbenzene
Concen: 4.652 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. -0.000 min
Lab File: VN067728.D
Acq: 13 Jul 2021 20:39

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.0	17.9	33.3





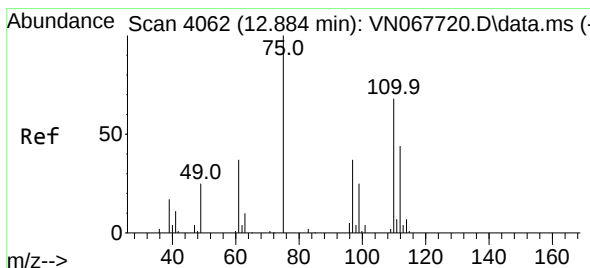
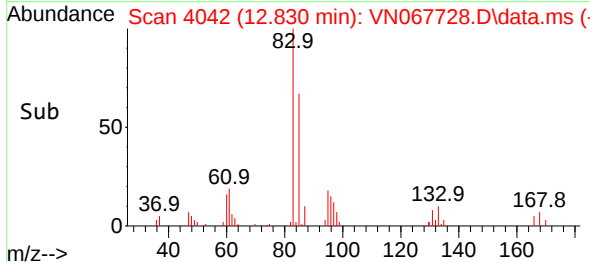
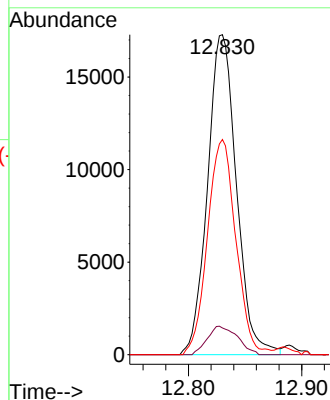
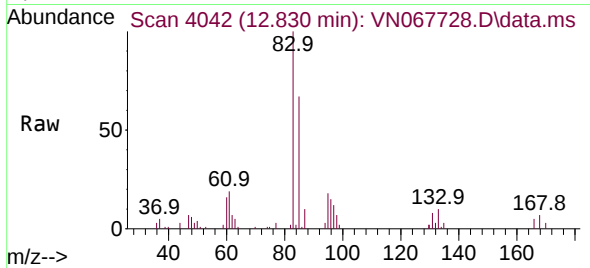
#71
 1,1,2,2-Tetrachloroethane
 Concen: 4.994 ug/l
 RT: 12.830 min Scan# 4042
 Delta R.T. -0.000 min
 Lab File: VN067728.D
 Acq: 13 Jul 2021 20:39

Tgt Ion: 83 Resp: 30648
 Ion Ratio Lower Upper
 83 100
 131 9.3 5.2 15.6
 85 65.6 32.0 96.0

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT3-2021

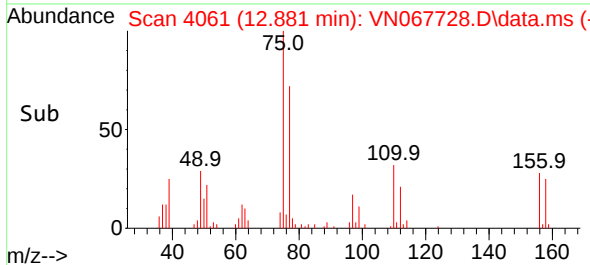
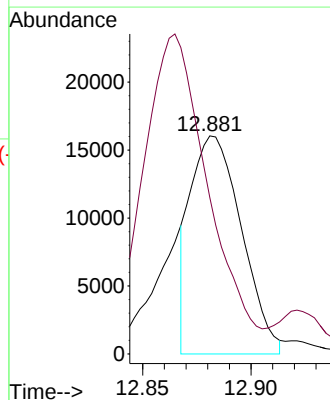
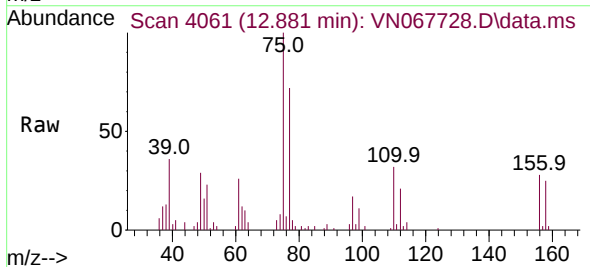
Manual Integrations
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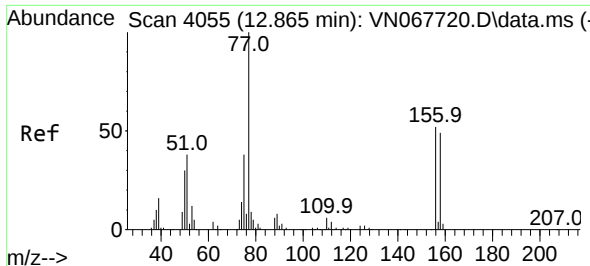
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 7/16/2021 10:42:41 AM



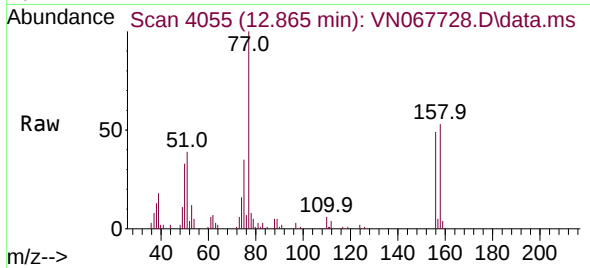
#72
 1,2,3-Trichloropropane
 Concen: 5.136 ug/l m
 RT: 12.881 min Scan# 4061
 Delta R.T. -0.003 min
 Lab File: VN067728.D
 Acq: 13 Jul 2021 20:39

Tgt Ion: 75 Resp: 26203
 Ion Ratio Lower Upper
 75 100
 77 187.6 0.0 365.2

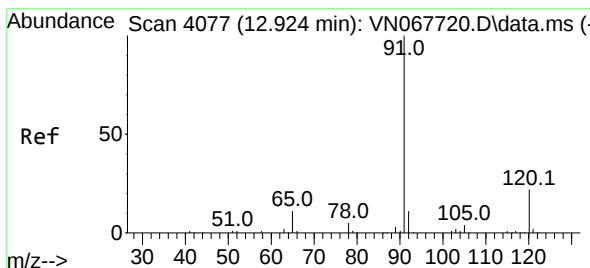
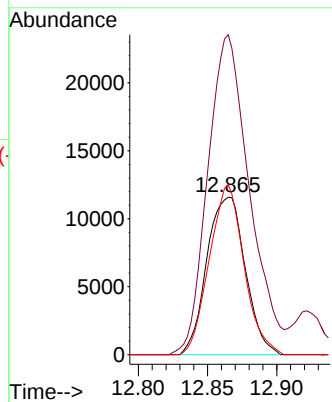
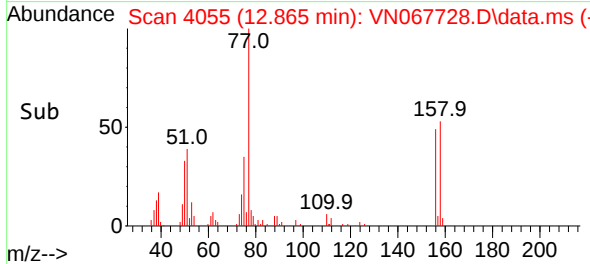




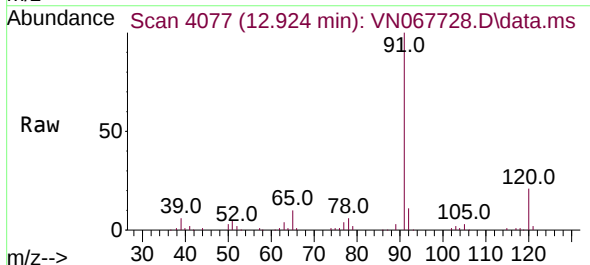
#73
Bromobenzene
Concen: 4.504 ug/l
RT: 12.865 min Scan# 4055
Delta R.T. -0.000 min
Lab File: VN067728.D
Acq: 13 Jul 2021 20:39



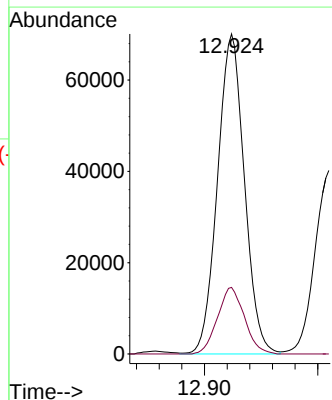
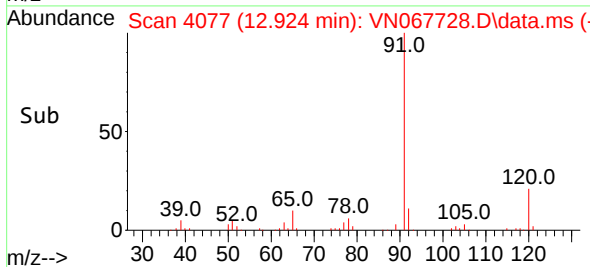
Tgt Ion:156 Resp: 22378
Ion Ratio Lower Upper
156 100
77 219.7 0.0 436.4
158 97.1 0.0 191.4



#74
n-propylbenzene
Concen: 4.662 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. -0.000 min
Lab File: VN067728.D
Acq: 13 Jul 2021 20:39



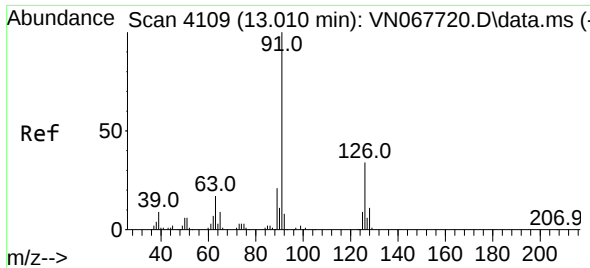
Tgt Ion: 91 Resp: 115459
Ion Ratio Lower Upper
91 100
120 20.8 0.0 44.2



Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2021

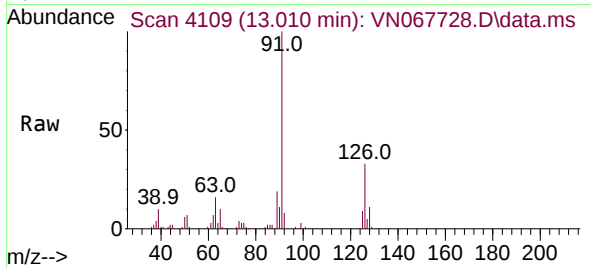
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#75
2-Chlorotoluene
Concen: 4.719 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. -0.000 min
Lab File: VN067728.D
Acq: 13 Jul 2021 20:39

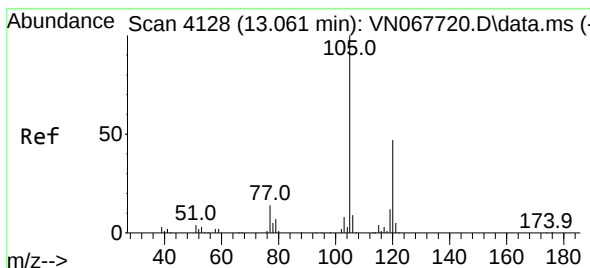
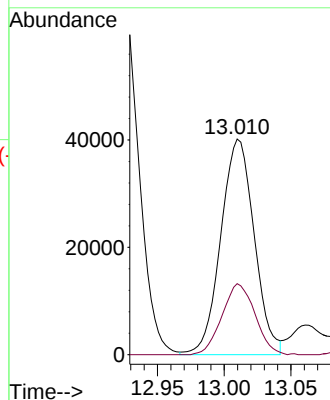
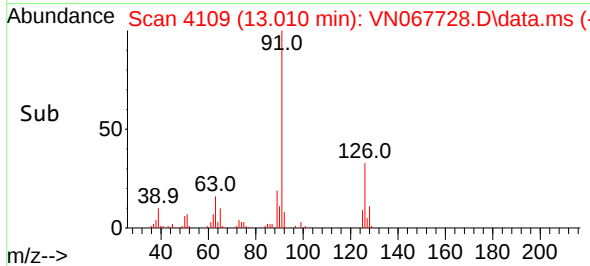
Instrument :
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ClientSampleId :
LOQ-WATER-02-QT3-2021



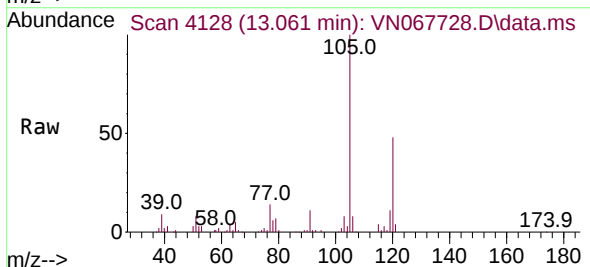
Tgt Ion: 91 Resp: 70145
Ion Ratio Lower Upper
91 100
126 32.4 0.0 66.2

Manual Integrations
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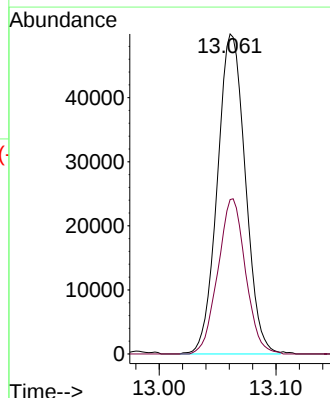
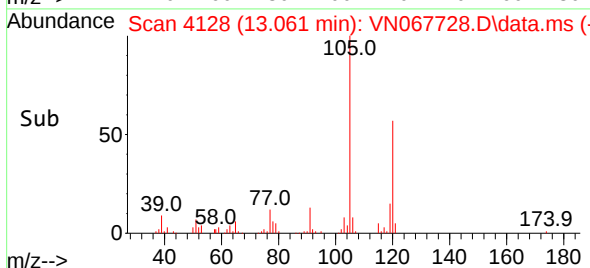
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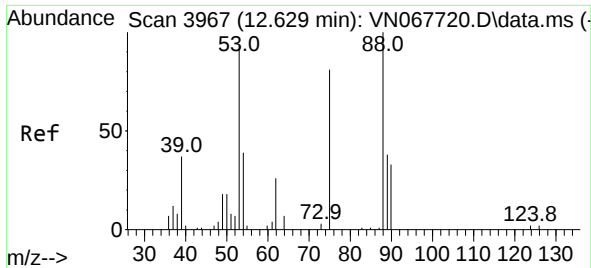


#76
1,3,5-Trimethylbenzene
Concen: 4.664 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN067728.D
Acq: 13 Jul 2021 20:39



Tgt Ion: 105 Resp: 83004
Ion Ratio Lower Upper
105 100
120 47.9 0.0 96.2





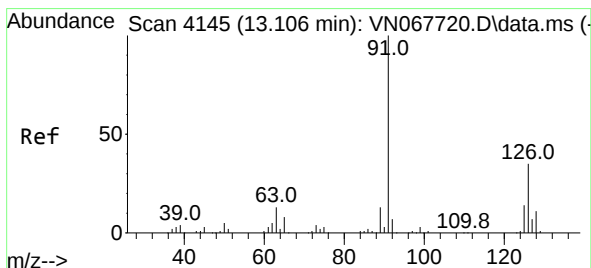
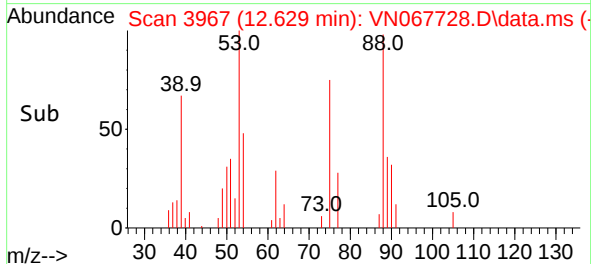
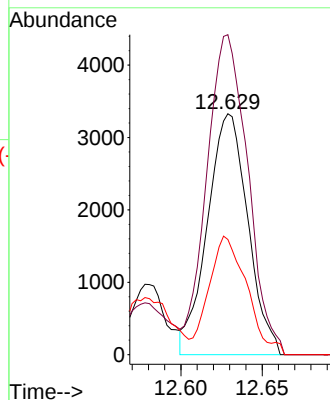
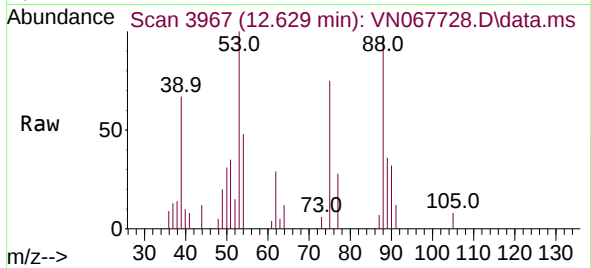
#77
t-1,4-Dichloro-2-butene
Concen: 3.348 ug/l
RT: 12.629 min Scan# 3967
Delta R.T. -0.000 min
Lab File: VN067728.D
Acq: 13 Jul 2021 20:39

Tgt Ion	Ratio	Lower	Upper
75	100		
53	126.9	57.0	171.0
89	43.2	24.7	74.1

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2021

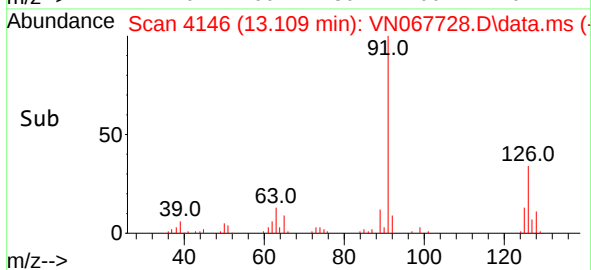
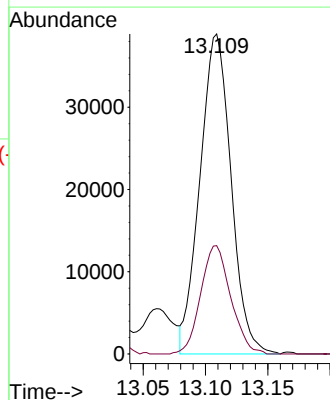
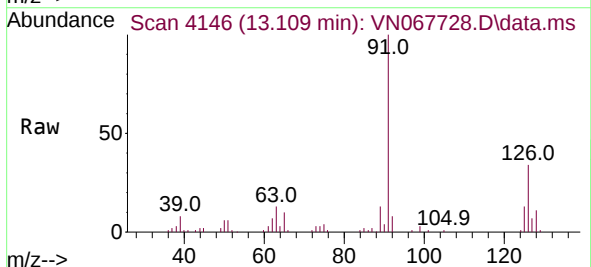
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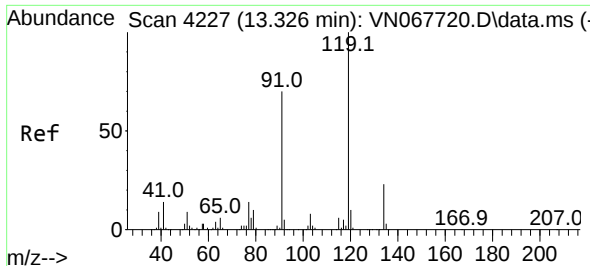
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#78
4-Chlorotoluene
Concen: 4.561 ug/l
RT: 13.109 min Scan# 4146
Delta R.T. 0.003 min
Lab File: VN067728.D
Acq: 13 Jul 2021 20:39

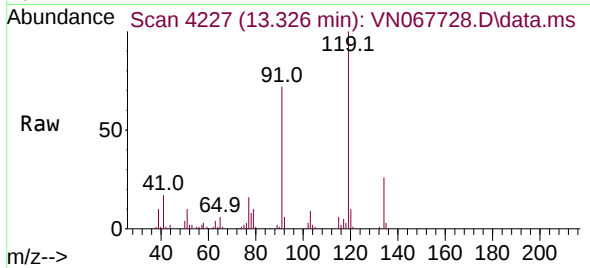
Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.7	0.0	66.4





#79
tert-butylbenzene
Concen: 4.407 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. -0.000 min
Lab File: VN067728.D
Acq: 13 Jul 2021 20:39

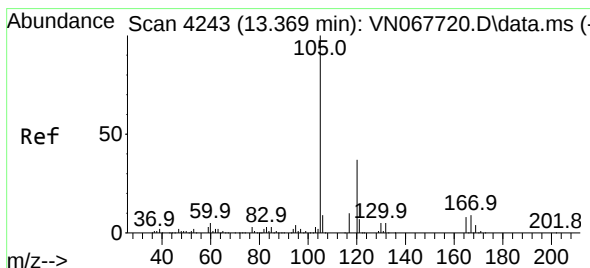
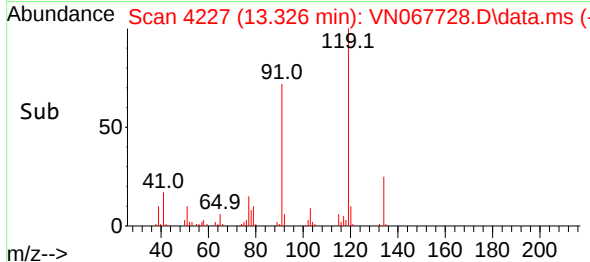
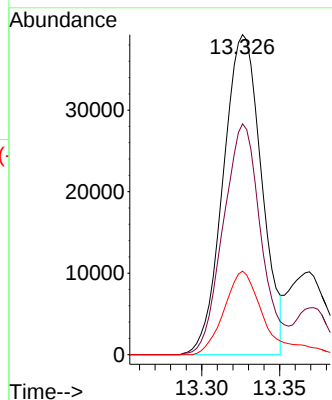
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2021



Tgt Ion:119 Resp: 67338
Ion Ratio Lower Upper
119 100
91 71.5 0.0 137.2
134 27.3 0.0 50.2

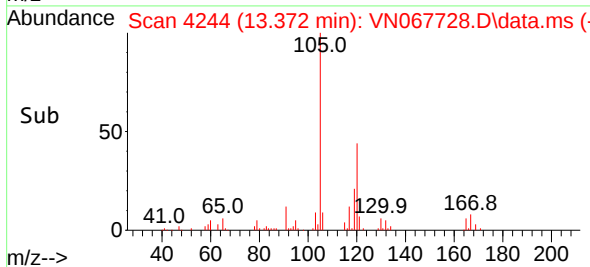
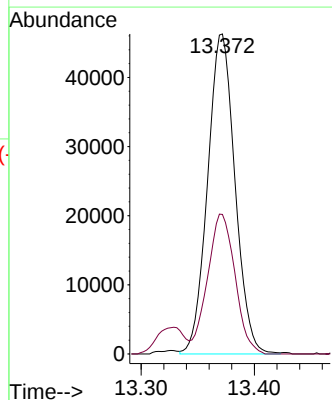
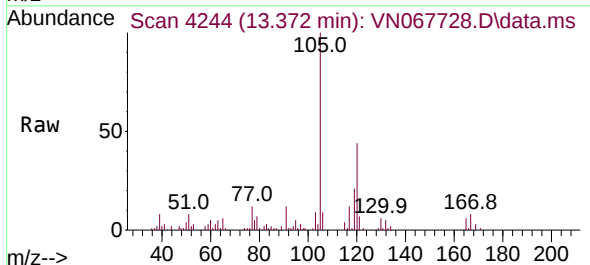
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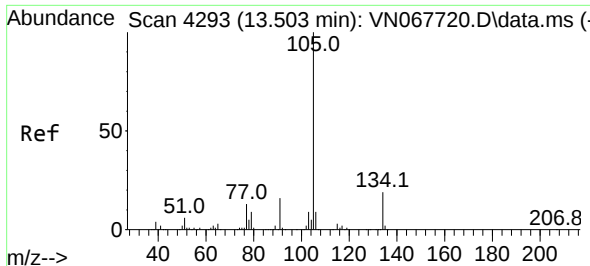
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#80
1,2,4-Trimethylbenzene
Concen: 4.395 ug/l
RT: 13.372 min Scan# 4244
Delta R.T. 0.003 min
Lab File: VN067728.D
Acq: 13 Jul 2021 20:39

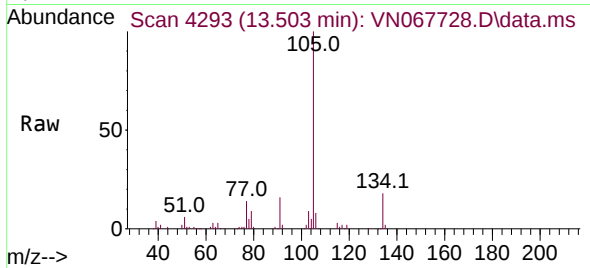
Tgt Ion:105 Resp: 77671
Ion Ratio Lower Upper
105 100
120 44.0 0.0 0.2#





#81
 sec-Butylbenzene
 Concen: 4.432 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. -0.000 min
 Lab File: VN067728.D
 Acq: 13 Jul 2021 20:39

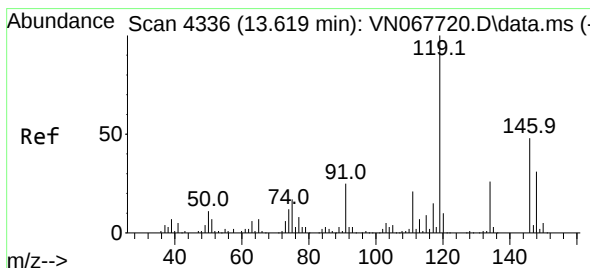
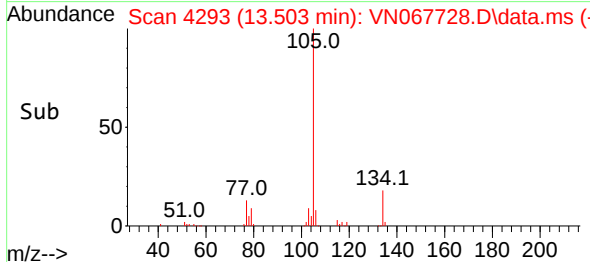
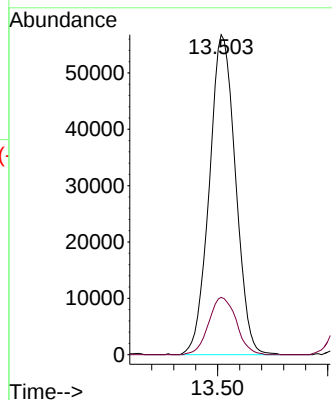
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT3-2021



Tgt Ion:105 Resp: 93949
 Ion Ratio Lower Upper
 105 100
 134 18.9 0.0 38.4

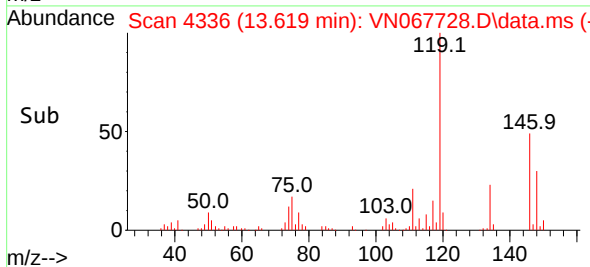
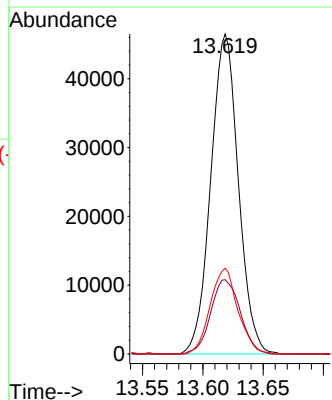
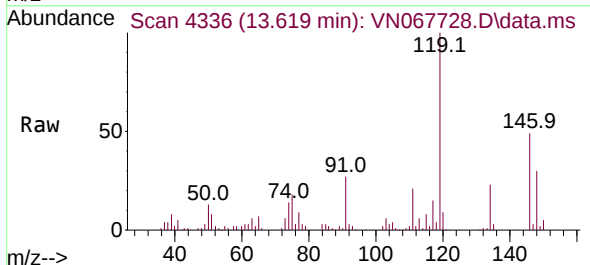
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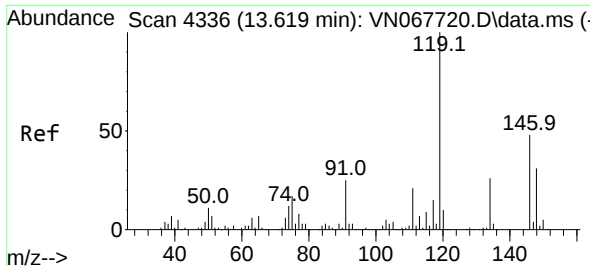
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#82
 p-Isopropyltoluene
 Concen: 4.195 ug/l
 RT: 13.619 min Scan# 4336
 Delta R.T. -0.000 min
 Lab File: VN067728.D
 Acq: 13 Jul 2021 20:39

Tgt Ion:119 Resp: 74007
 Ion Ratio Lower Upper
 119 100
 134 24.9 0.0 51.0
 91 26.9 0.0 50.6





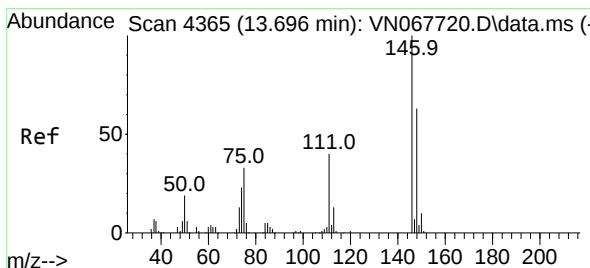
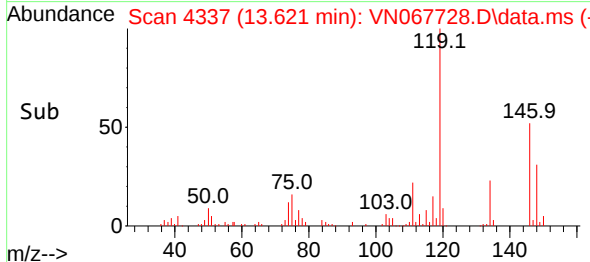
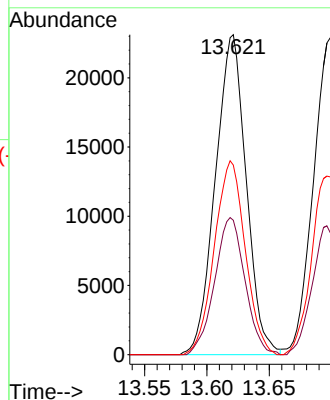
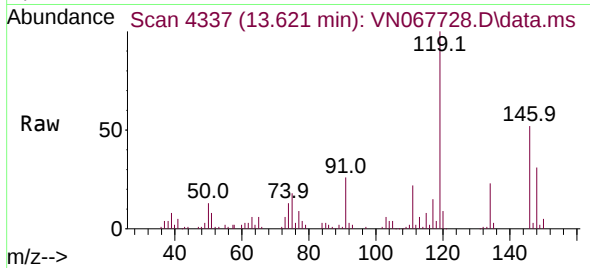
#83
1,3-Dichlorobenzene
Concen: 4.287 ug/l
RT: 13.621 min Scan# 4337
Delta R.T. 0.003 min
Lab File: VN067728.D
Acq: 13 Jul 2021 20:39

Tgt Ion:146 Resp: 39775
Ion Ratio Lower Upper
146 100
111 42.2 21.1 63.1
148 60.6 31.9 95.7

Instrument :
MSVOA_N
ClientSampleId :
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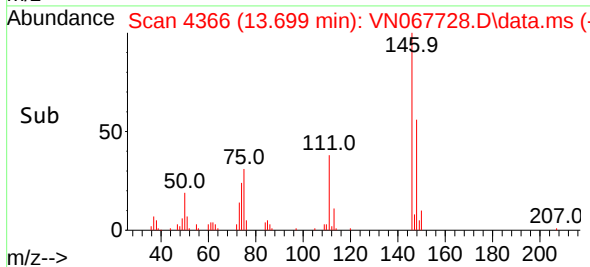
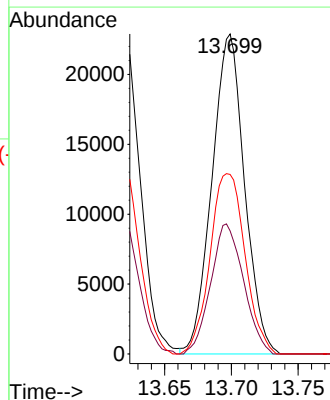
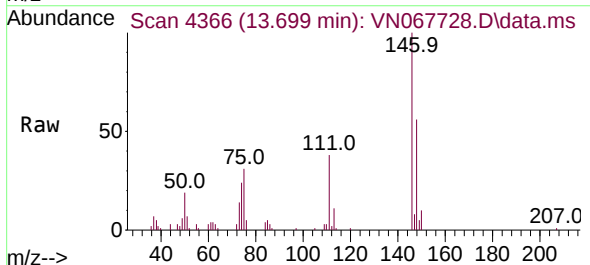
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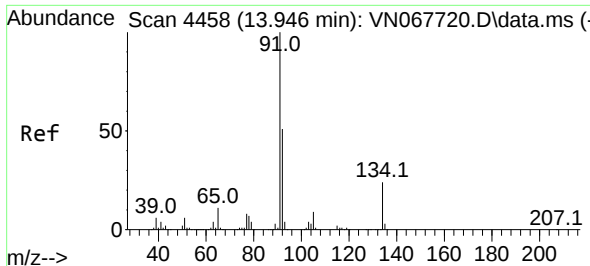
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#84
1,4-Dichlorobenzene
Concen: 4.302 ug/l
RT: 13.699 min Scan# 4366
Delta R.T. 0.003 min
Lab File: VN067728.D
Acq: 13 Jul 2021 20:39

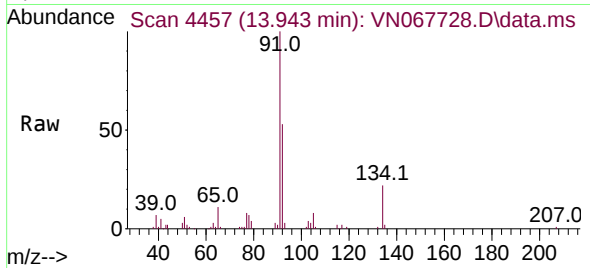
Tgt Ion:146 Resp: 38877
Ion Ratio Lower Upper
146 100
111 41.0 20.0 59.9
148 60.4 31.8 95.3





#85
n-Butylbenzene
Concen: 4.225 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. -0.003 min
Lab File: VN067728.D
Acq: 13 Jul 2021 20:39

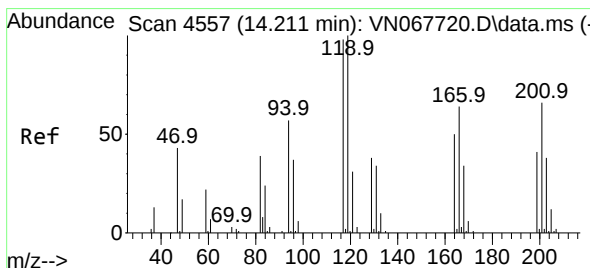
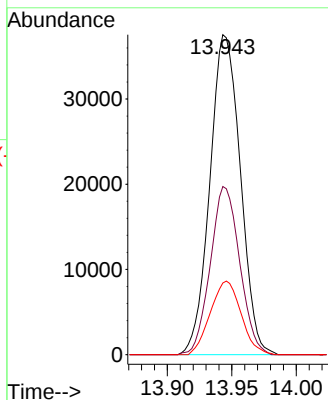
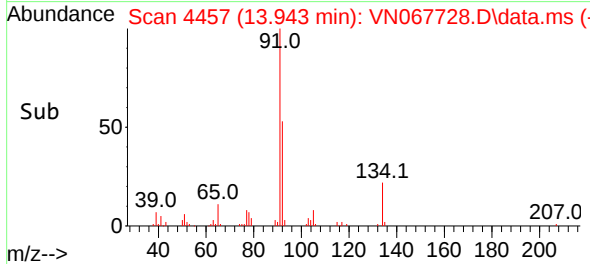
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2021



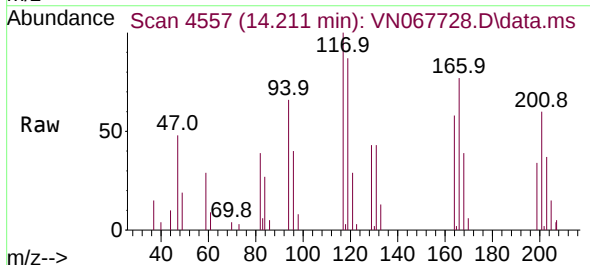
Tgt Ion: 91 Resp: 61835
Ion Ratio Lower Upper
91 100
92 50.5 0.0 102.6
134 23.2 0.0 48.6

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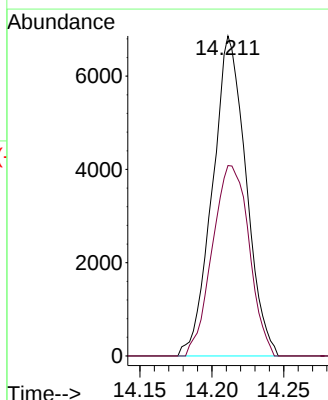
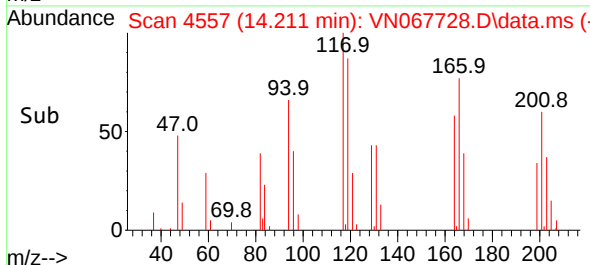
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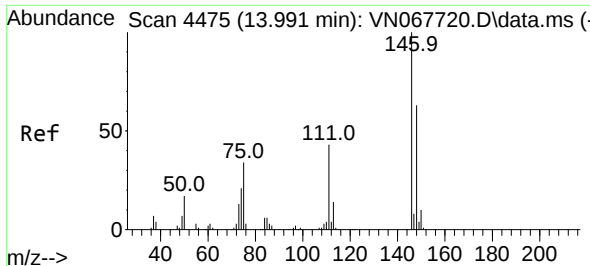


#86
Hexachloroethane
Concen: 3.790 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. -0.000 min
Lab File: VN067728.D
Acq: 13 Jul 2021 20:39



Tgt Ion: 117 Resp: 11122
Ion Ratio Lower Upper
117 100
201 65.1 31.8 95.3





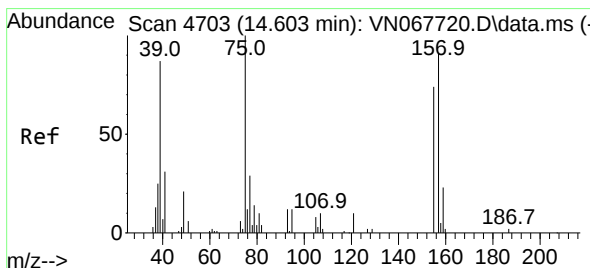
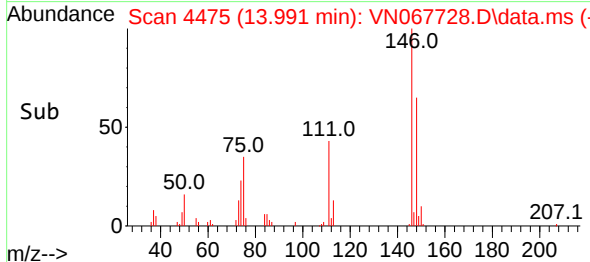
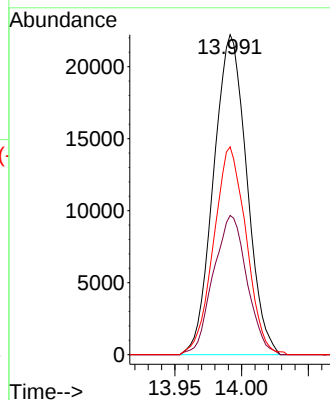
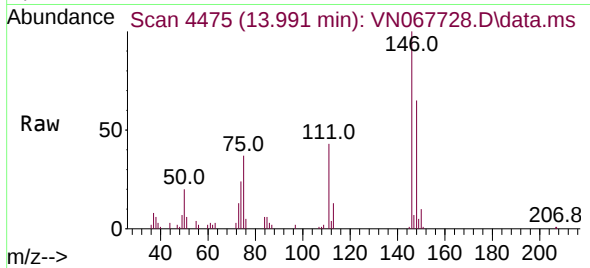
#87
1,2-Dichlorobenzene
Concen: 4.336 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. -0.000 min
Lab File: VN067728.D
Acq: 13 Jul 2021 20:39

Tgt Ion:146 Resp: 38409
Ion Ratio Lower Upper
146 100
111 44.1 22.0 66.0
148 63.7 31.7 95.1

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2021

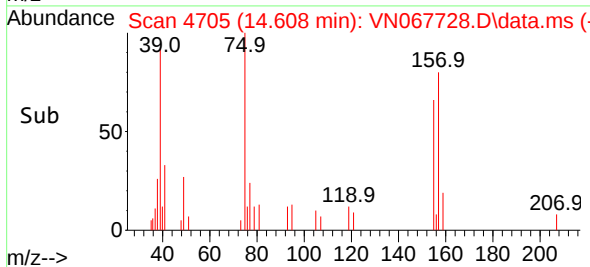
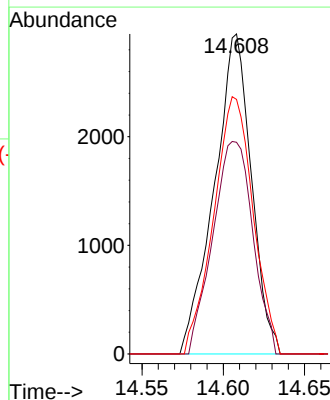
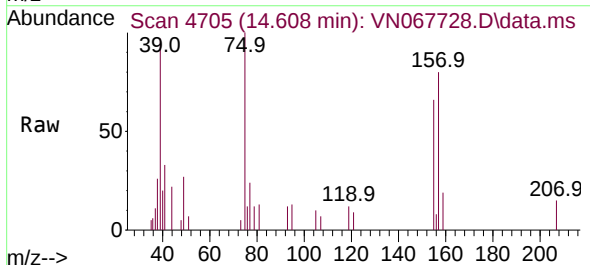
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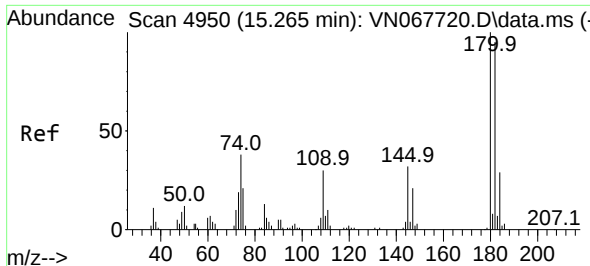
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#88
1,2-Dibromo-3-Chloropropane
Concen: 4.260 ug/l
RT: 14.608 min Scan# 4705
Delta R.T. 0.005 min
Lab File: VN067728.D
Acq: 13 Jul 2021 20:39

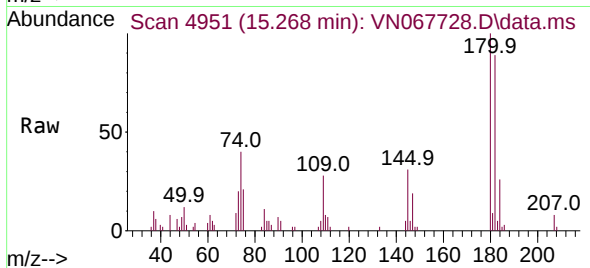
Tgt Ion: 75 Resp: 4677
Ion Ratio Lower Upper
75 100
155 71.7 59.2 88.8
157 85.4 75.4 113.2





#89
1,2,4-Trichlorobenzene
Concen: 3.840 ug/l
RT: 15.268 min Scan# 4951
Delta R.T. 0.003 min
Lab File: VN067728.D
Acq: 13 Jul 2021 20:39

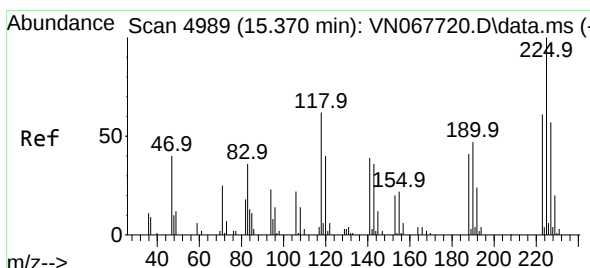
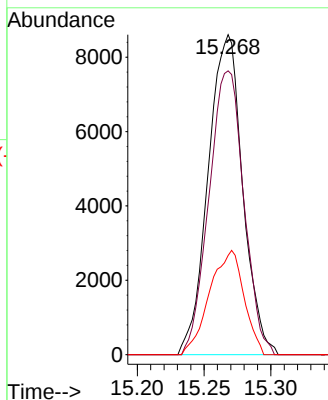
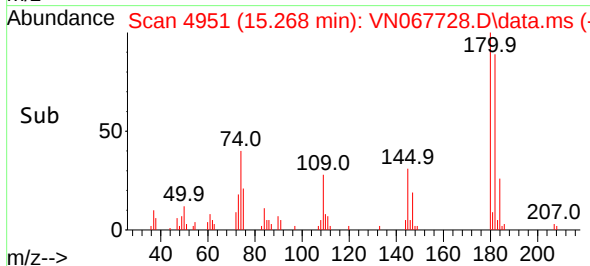
Instrument :
MSVOA_N
ClientSampleId :
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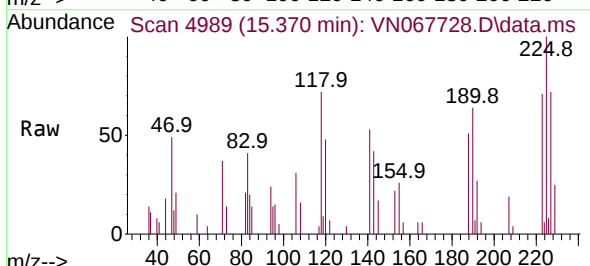
Tgt Ion:180 Resp: 15506
Ion Ratio Lower Upper
180 100
182 89.4 74.5 111.7
145 32.4 25.4 38.0

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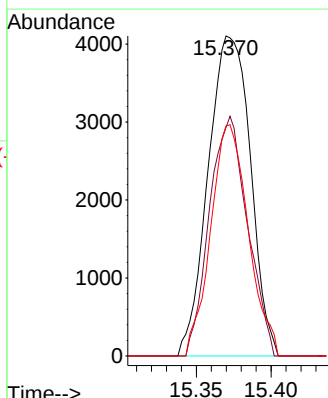
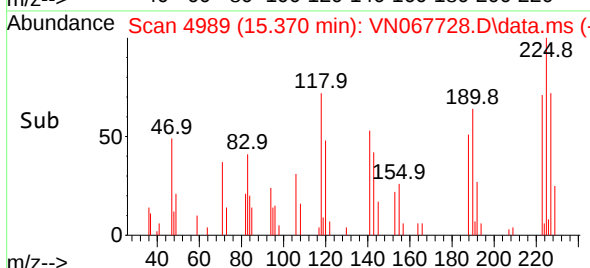
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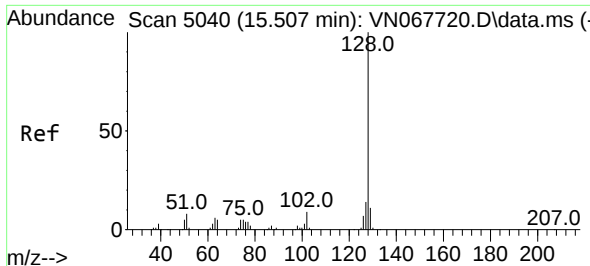


#90
Hexachlorobutadiene
Concen: 4.165 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. -0.000 min
Lab File: VN067728.D
Acq: 13 Jul 2021 20:39



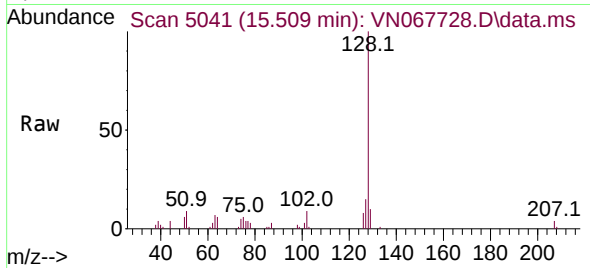
Tgt Ion:225 Resp: 8085
Ion Ratio Lower Upper
225 100
223 67.5 0.0 124.6
227 64.2 0.0 115.6





#91
Naphthalene
Concen: 3.487 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.003 min
Lab File: VN067728.D
Acq: 13 Jul 2021 20:39

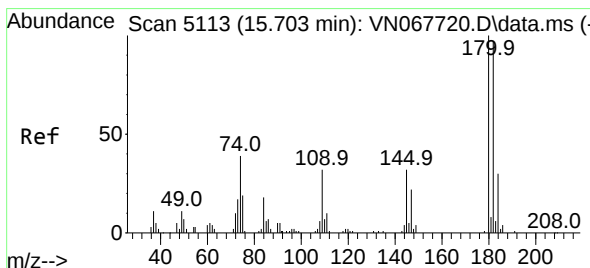
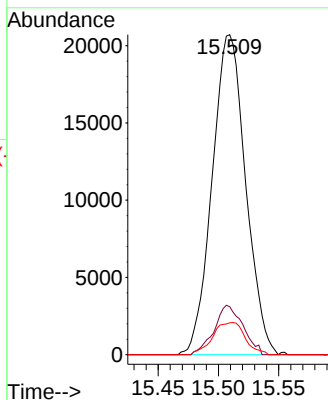
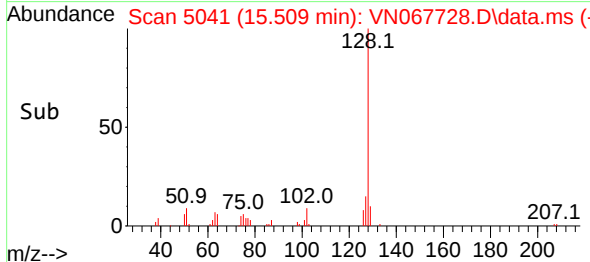
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2021



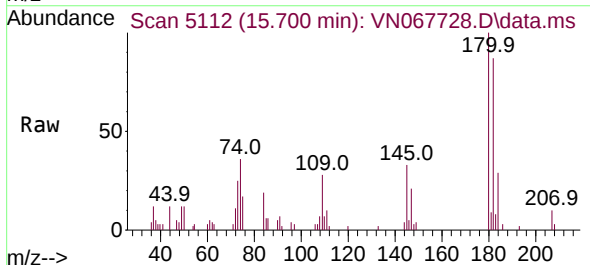
Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.9	16.3
129	9.7	8.7	13.1

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#92
1,2,3-Trichlorobenzene
Concen: 3.816 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.003 min
Lab File: VN067728.D
Acq: 13 Jul 2021 20:39



Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.3	0.0	190.8
145	36.3	0.0	68.2

