

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071421\
 Data File : VN067727.D
 Acq On : 13 Jul 2021 20:14
 Operator : JC/MD
 Sample : M2940-07 2.5PPB LOD
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2021

Manual Integrations
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 7/16/2021 10:42:40 AM

Quant Time: Jul 14 01:21:27 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	63522	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	382184	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.747	117	340933	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	173979	33.902	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 113.000%	#
60) 4-Bromofluorobenzene	12.733	95	149007	26.912	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 89.700%	
63) Toluene-d8	10.443	98	491754	31.360	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 104.533%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	8717	2.685	ug/l	93
3) Chloromethane	2.301	50	12463	3.074	ug/l	97
4) Vinyl Chloride	2.443	62	18892	2.995	ug/l	99
5) Bromomethane	2.850	94	19555	3.723	ug/l	97
6) Chloroethane	3.019	64	14210	3.025	ug/l	99
7) Trichlorofluoromethane	3.371	101	35509	3.034	ug/l	97
8) Diethyl Ether	3.827	74	5565	2.556	ug/l	67
9) 1,1,2-Trichlorotrifluo...	4.202	101	9157	2.752	ug/l	50
10) 1,1-Dichloroethene	4.173	96	8920	2.895	ug/l	85
11) Methyl Iodide	4.419	142	8542	2.097	ug/l	97
12) Methyl Acetate	4.859	43	13891m	3.303	ug/l	
13) Acrolein	4.041	56	7592m	17.233	ug/l	
14) Acrylonitrile	5.562	53	22146	11.975	ug/l	91
15) Acetone	4.296	58	5833m	12.724	ug/l	
16) Carbon Disulfide	4.527	76	23474	2.885	ug/l	97
17) Allyl chloride	4.840	41	14416m	2.659	ug/l	
18) Methylene Chloride	5.095	84	14273m	3.347	ug/l	
19) trans-1,2-Dichloroethene	5.597	96	9117m	2.481	ug/l	
20) Diisopropyl ether	6.498	45	30270m	2.358	ug/l	
21) 1,1-Dichloroethane	6.388	63	18331	2.595	ug/l #	96
22) cis-1,2-Dichloroethene	7.327	96	11978	2.642	ug/l	89
23) tert-Butyl Alcohol	5.396	59	9305m	13.650	ug/l	
24) Methyl tert-Butyl Ether	5.621	73	31346m	2.464	ug/l	
25) Chloroform	7.817	83	20679	2.631	ug/l	97
26) Cyclohexane	8.094	56	15183	2.467	ug/l #	92
29) 1,1-Dichloropropene	8.225	75	13732	2.290	ug/l	97
30) 2-Butanone	7.348	43	32153	11.579	ug/l #	78
31) 2,2-Dichloropropane	7.332	77	14107m	2.109	ug/l	
32) 1,1,1-Trichloroethane	8.016	97	16677	2.265	ug/l	99
33) Carbon Tetrachloride	8.209	117	13525	2.151	ug/l	96
34) Benzene	8.461	78	42934	2.395	ug/l #	52
35) Methacrylonitrile	7.646	41	6819m	2.389	ug/l	
36) 1,2-Dichloroethane	8.531	62	16368	2.453	ug/l #	84
37) Trichloroethene	9.217	130	11067	2.377	ug/l	98
38) Methylcyclohexane	9.459	83	14995	2.258	ug/l	97
39) 1,2-Dichloropropane	9.494	63	10599	2.319	ug/l	89
40) Dibromomethane	9.577	93	7715	2.347	ug/l	98
41) Bromodichloromethane	9.762	83	13822	2.142	ug/l	94
42) Vinyl Acetate	6.439	43	125047	11.319	ug/l	95

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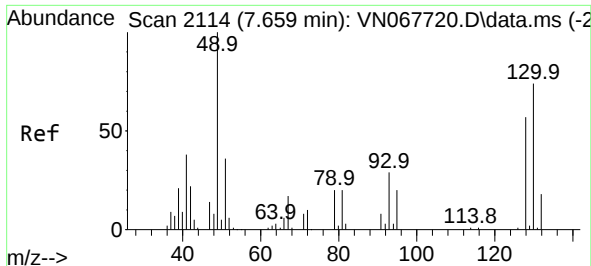
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.420	43	14400	2.565	ug/l #	73
44) Isopropyl Acetate	8.568	43	22845m	2.241	ug/l	
45) 1,4-Dioxane	9.571	88	3336m	43.218	ug/l	
46) Methyl methacrylate	9.561	41	9558	2.172	ug/l	92
47) n-amyl Acetate	12.393	43	14456	1.728	ug/l	99
48) t-1,3-Dichloropropene	10.722	75	13066	1.879	ug/l	94
49) cis-1,3-Dichloropropene	10.191	75	14284	1.935	ug/l	96
50) 1,1,2-Trichloroethane	10.902	97	10461	2.230	ug/l	97
51) Ethyl methacrylate	10.762	69	13992	1.918	ug/l	94
52) 1,3-Dichloropropane	11.044	76	18042	2.326	ug/l	96
53) Dibromochloromethane	11.237	129	8434	1.718	ug/l	95
54) 1,2-Dibromoethane	11.350	107	10880	2.249	ug/l	96
55) 2-Chloroethyl vinyl ether	10.043	63	12828	9.093	ug/l	96
56) Bromoform	12.465	173	5112	1.486	ug/l #	100
58) 4-Methyl-2-Pentanone	10.333	43	68515	11.704	ug/l	100
59) 2-Hexanone	11.089	43	45397	11.060	ug/l	100
61) Tetrachloroethene	10.982	164	10169	2.428	ug/l	96
62) Toluene	10.507	91	51724	2.579	ug/l	98
64) Chlorobenzene	11.773	112	28216	2.349	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.843	131	8878	2.006	ug/l	97
66) Ethyl Benzene	11.848	91	49922	2.250	ug/l	96
67) m/p-Xylenes	11.956	106	36892	4.359	ug/l	98
68) o-Xylene	12.283	106	17726	2.122	ug/l	95
69) Styrene	12.299	104	25262	1.828	ug/l	93
70) Isopropylbenzene	12.581	105	44238	2.052	ug/l	97
71) 1,1,2,2-Tetrachloroethane	12.830	83	13700	2.238	ug/l	98
72) 1,2,3-Trichloropropane	12.884	75	12088m	2.375	ug/l	
73) Bromobenzene	12.868	156	10037	2.025	ug/l	94
74) n-propylbenzene	12.924	91	49868	2.018	ug/l	98
75) 2-Chlorotoluene	13.010	91	31157	2.101	ug/l	98
76) 1,3,5-Trimethylbenzene	13.061	105	37083	2.089	ug/l	96
77) t-1,4-Dichloro-2-butene	12.624	75	2593	1.510	ug/l	93
78) 4-Chlorotoluene	13.109	91	29430	1.991	ug/l	98
79) tert-butylbenzene	13.326	119	29616	1.943	ug/l	99
80) 1,2,4-Trimethylbenzene	13.369	105	34013	1.930	ug/l #	82
81) sec-Butylbenzene	13.506	105	41573	1.966	ug/l	100
82) p-Isopropyltoluene	13.619	119	33126	1.882	ug/l	98
83) 1,3-Dichlorobenzene	13.616	146	17351	1.875	ug/l	98
84) 1,4-Dichlorobenzene	13.696	146	17027	1.889	ug/l	97
85) n-Butylbenzene	13.946	91	27024	1.851	ug/l	97
86) Hexachloroethane	14.209	117	4666	1.594	ug/l	89
87) 1,2-Dichlorobenzene	13.991	146	16876	1.910	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.605	75	1819	1.661	ug/l	95
89) 1,2,4-Trichlorobenzene	15.265	180	6638	1.648	ug/l	94
90) Hexachlorobutadiene	15.373	225	3422	1.767	ug/l	94
91) Naphthalene	15.507	128	19665	1.718	ug/l	100
92) 1,2,3-Trichlorobenzene	15.702	180	6755	1.750	ug/l	97

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



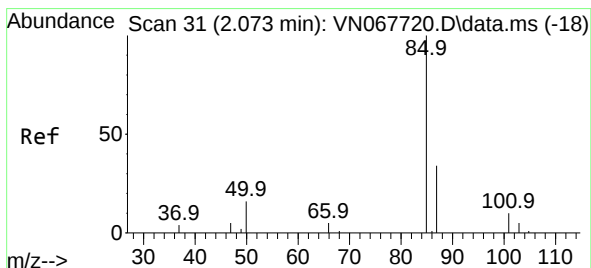
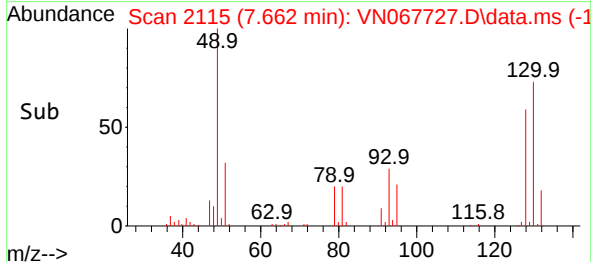
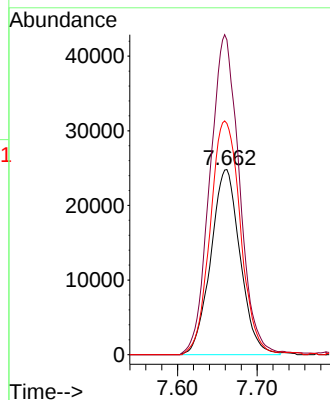
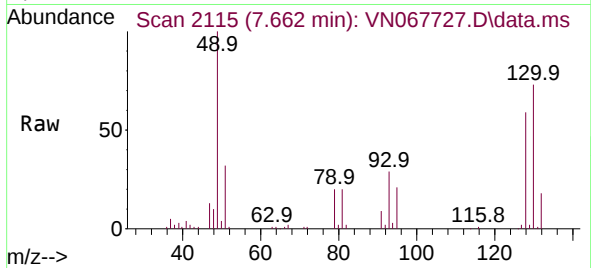
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.662 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VN067727.D
Acq: 13 Jul 2021 20:14

Tgt Ion:128 Resp: 63522
Ion Ratio Lower Upper
128 100
49 173.1 0.0 433.0
130 130.0 0.0 323.8

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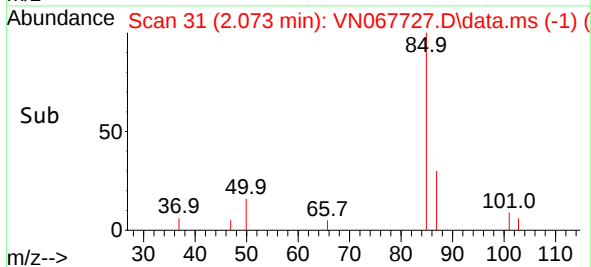
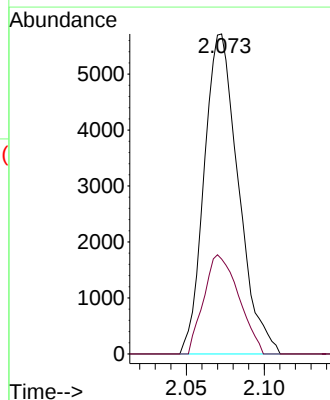
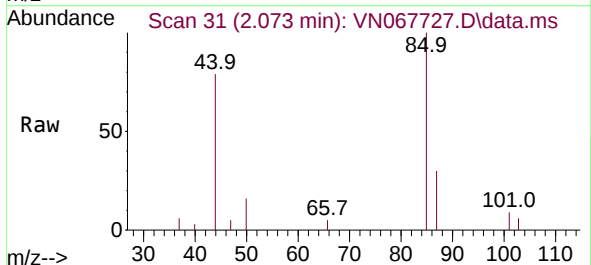
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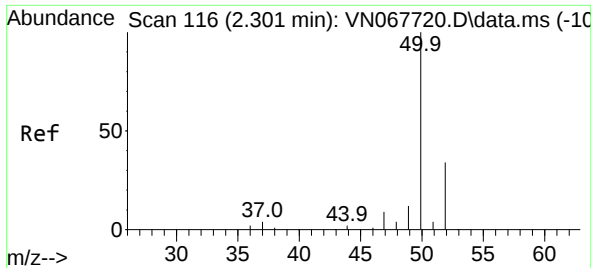
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#2
Dichlorodifluoromethane
Concen: 2.685 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN067727.D
Acq: 13 Jul 2021 20:14

Tgt Ion: 85 Resp: 8717
Ion Ratio Lower Upper
85 100
87 29.6 17.0 50.9





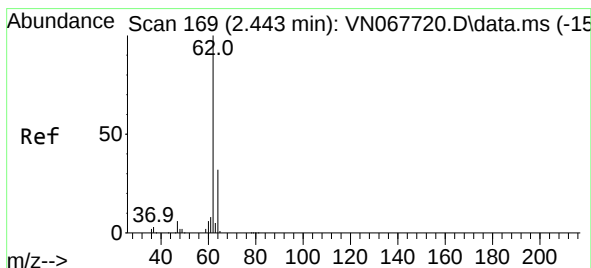
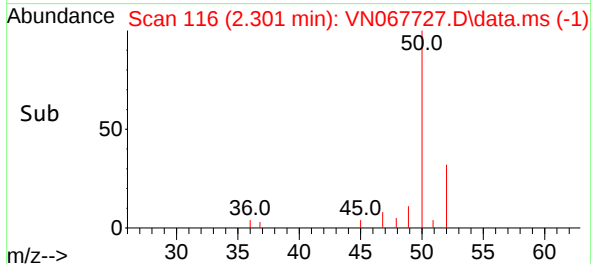
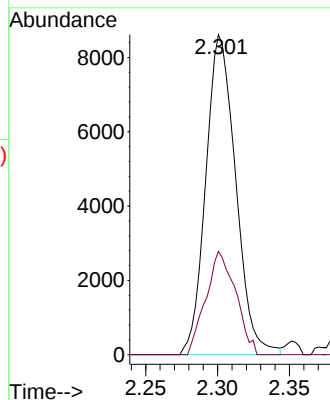
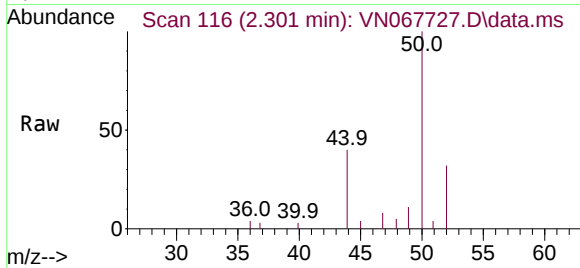
#3
Chloromethane
Concen: 3.074 ug/l
RT: 2.301 min Scan# 116
Delta R.T. -0.000 min
Lab File: VN067727.D
Acq: 13 Jul 2021 20:14

Tgt Ion	Ratio	Lower	Upper
50	100		
52	32.3	27.2	40.8

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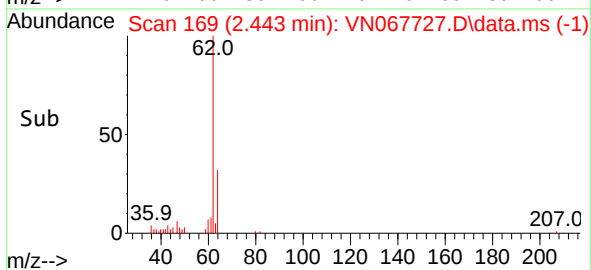
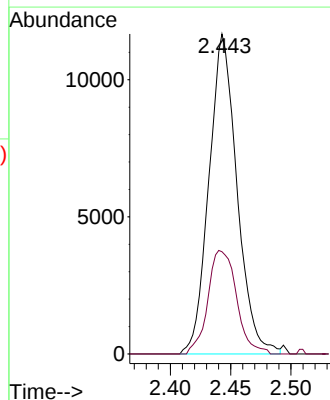
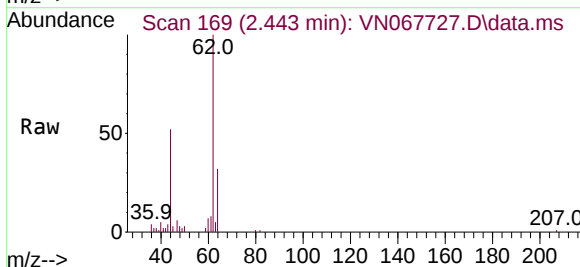
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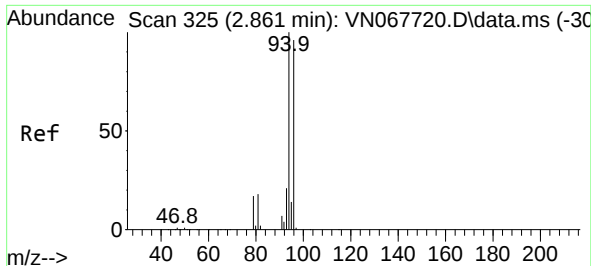
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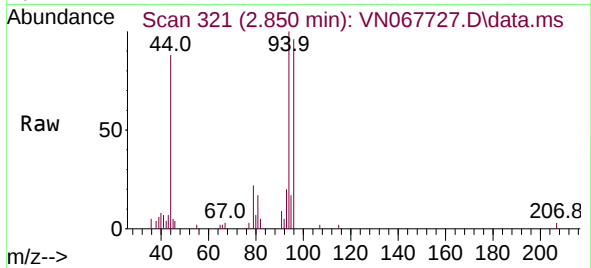
#4
Vinyl Chloride
Concen: 2.995 ug/l
RT: 2.443 min Scan# 169
Delta R.T. -0.000 min
Lab File: VN067727.D
Acq: 13 Jul 2021 20:14

Tgt Ion	Ratio	Lower	Upper
62	100		
64	31.9	25.9	38.9

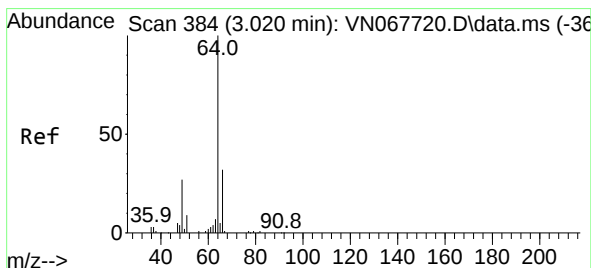
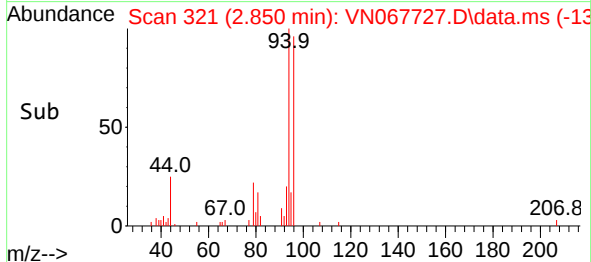
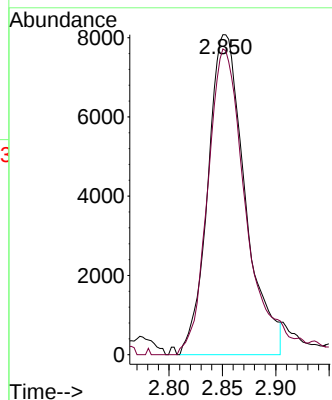




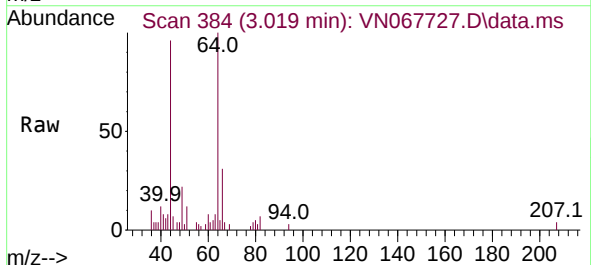
#5
Bromomethane
Concen: 3.723 ug/l
RT: 2.850 min Scan# 321
Delta R.T. -0.011 min
Lab File: VN067727.D
Acq: 13 Jul 2021 20:14



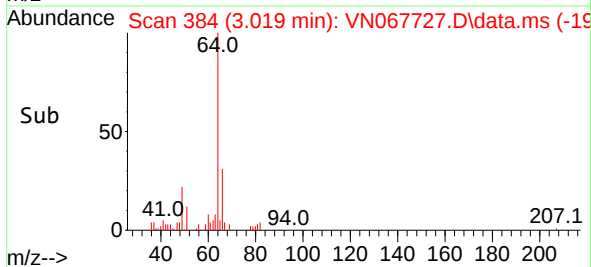
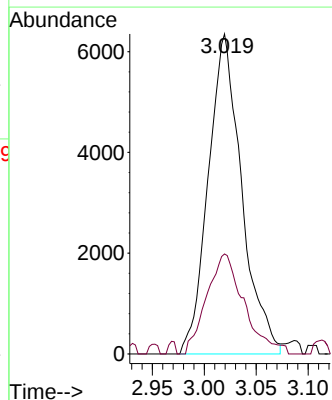
Tgt Ion: 94 Resp: 19555
Ion Ratio Lower Upper
94 100
96 93.6 76.9 115.3



#6
Chloroethane
Concen: 3.025 ug/l
RT: 3.019 min Scan# 384
Delta R.T. -0.000 min
Lab File: VN067727.D
Acq: 13 Jul 2021 20:14



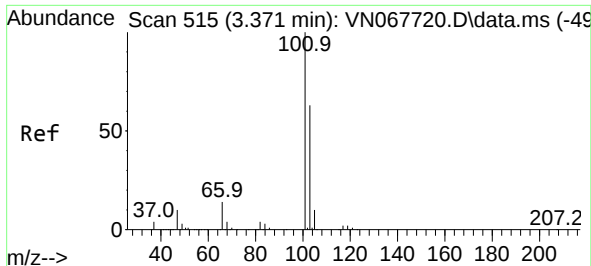
Tgt Ion: 64 Resp: 14210
Ion Ratio Lower Upper
64 100
66 31.3 25.4 38.0



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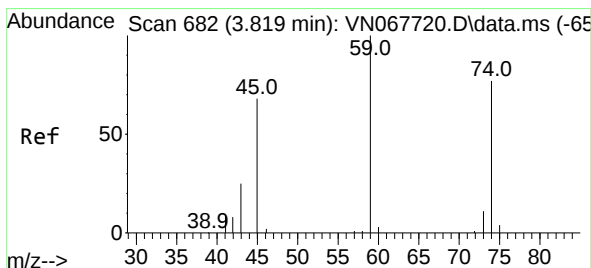
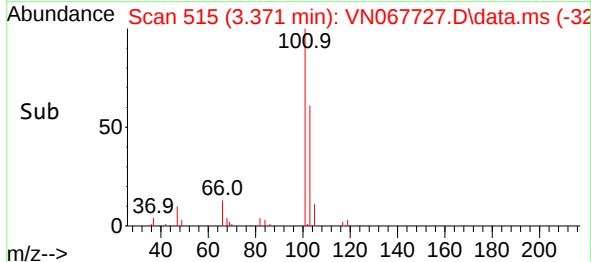
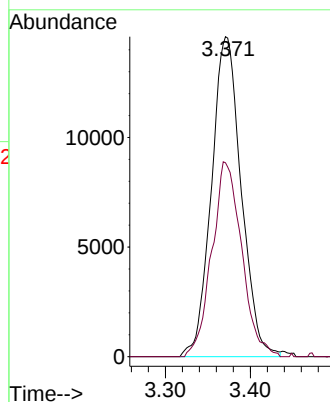
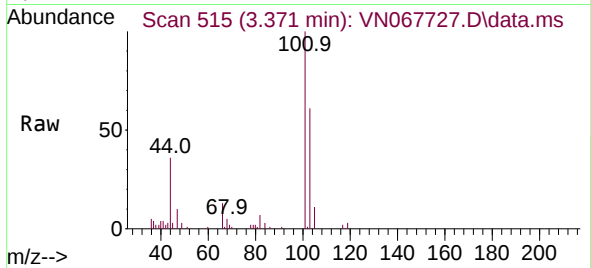
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 Trichlorofluoromethane
 Concen: 3.034 ug/l
 RT: 3.371 min Scan# 515
 Delta R.T. -0.000 min
 Lab File: VN067727.D
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Tgt Ion: 101 Resp: 35509
 Ion Ratio Lower Upper
 101 100
 103 60.6 50.3 75.5

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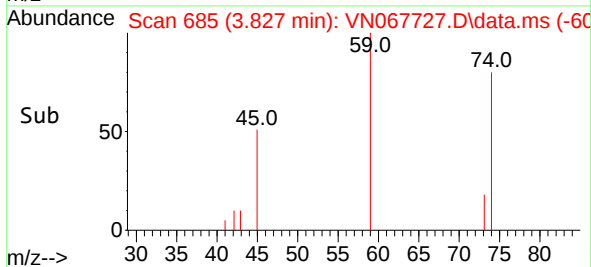
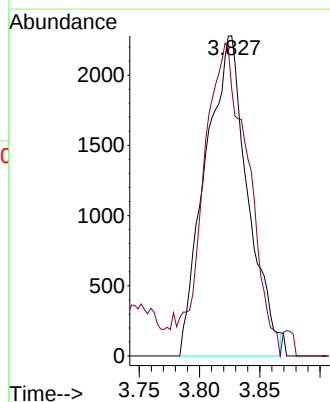
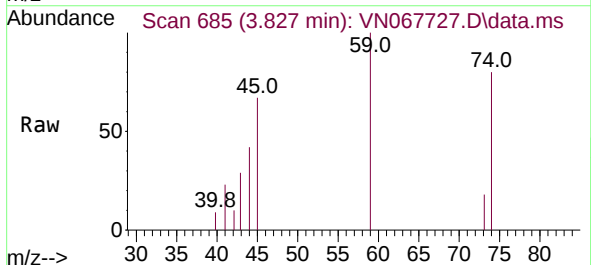
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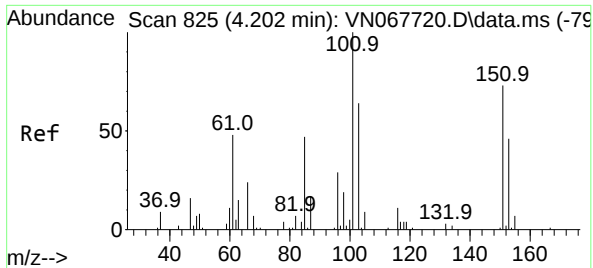
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#8
 Diethyl Ether
 Concen: 2.556 ug/l
 RT: 3.827 min Scan# 685
 Delta R.T. 0.008 min
 Lab File: VN067727.D
 Acq: 13 Jul 2021 20:14

Tgt Ion: 74 Resp: 5565
 Ion Ratio Lower Upper
 74 100
 45 56.5 17.5 157.1





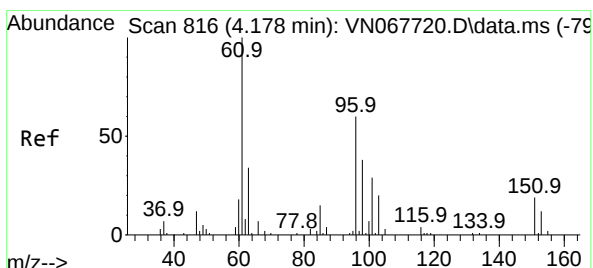
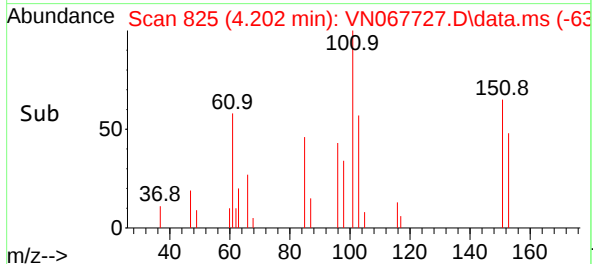
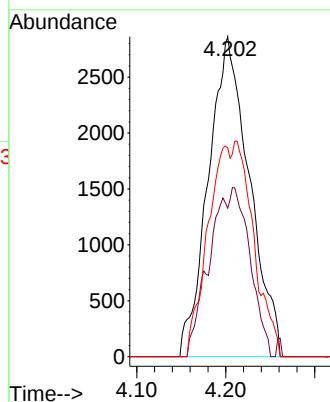
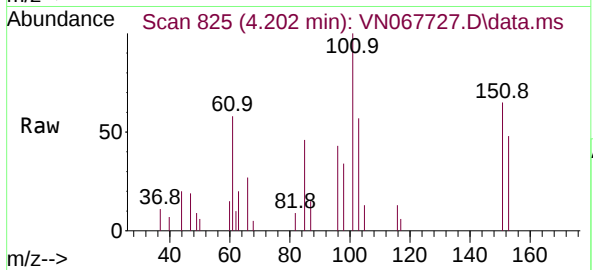
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1,1,2-Trichlorotrifluoroethane
Concen: 2.752 ug/l
RT: 4.202 min Scan# 825
Delta R.T. -0.000 min
Lab File: VN067727.D
Acq: 13 Jul 2021 20:14

Tgt Ion:	101	Resp:	9157
Ion	Ratio	Lower	Upper
101	100		
85	7.6	0.0	98.0
151	36.7	0.0	143.8

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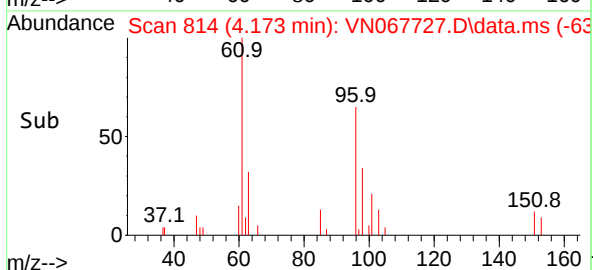
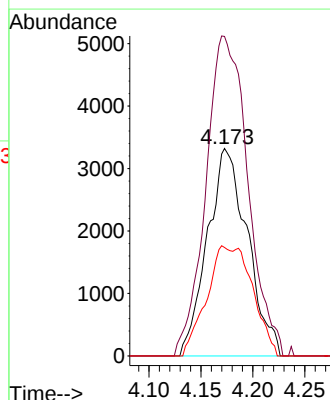
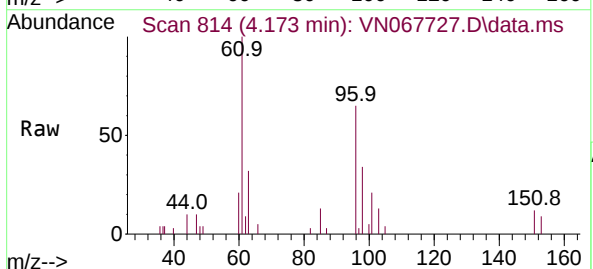
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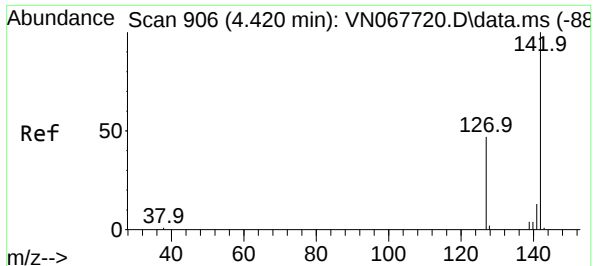
MMDadoda
7/16/2021 10:42:40 AM



#10
1,1-Dichloroethene
Concen: 2.895 ug/l
RT: 4.173 min Scan# 814
Delta R.T. -0.005 min
Lab File: VN067727.D
Acq: 13 Jul 2021 20:14

Tgt Ion:	96	Resp:	8920
Ion	Ratio	Lower	Upper
96	100		
61	146.2	133.9	200.9
98	52.3	50.5	75.7





#11

Methyl Iodide

Concen: 2.097 ug/l

RT: 4.419 min Scan# 906

Delta R.T. -0.000 min

Lab File: VN067727.D

Acq: 13 Jul 2021 20:14

Tgt Ion:	142	Resp:	8542
Ion	Ratio	Lower	Upper
142	100		
127	48.1	23.4	70.2
141	15.2	6.7	20.0

Instrument :

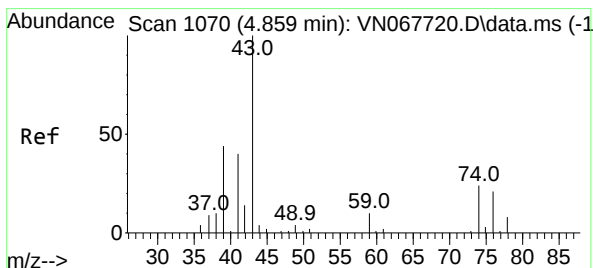
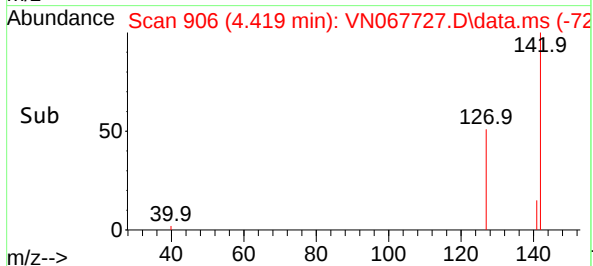
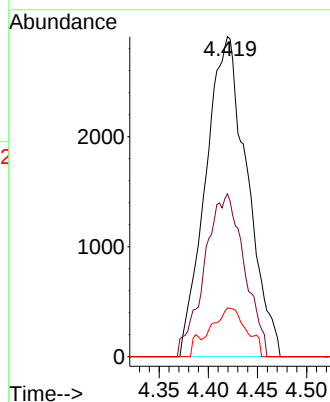
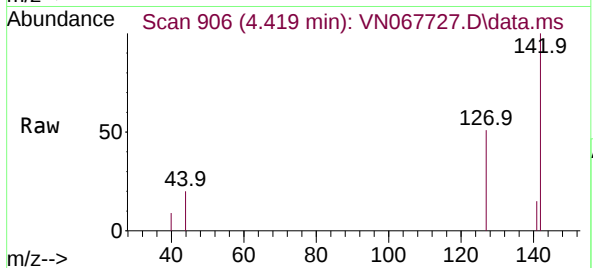
MSVOA_N

ClientSampleId :

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#12

Methyl Acetate

Concen: 3.303 ug/l m

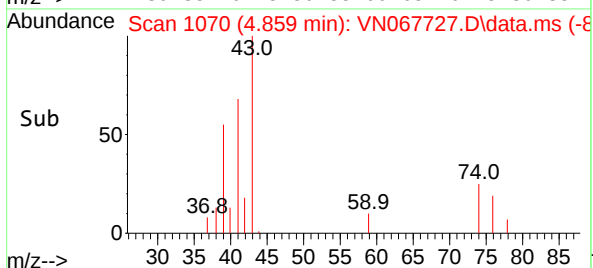
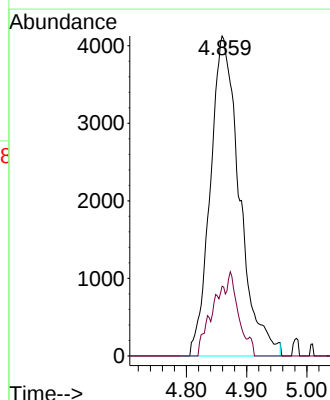
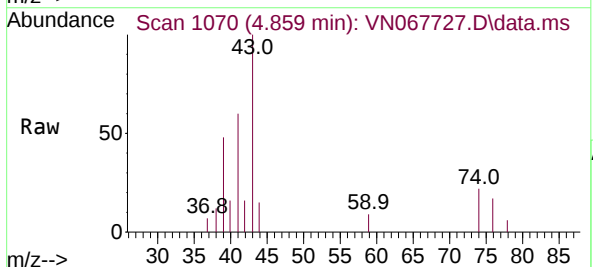
RT: 4.859 min Scan# 1070

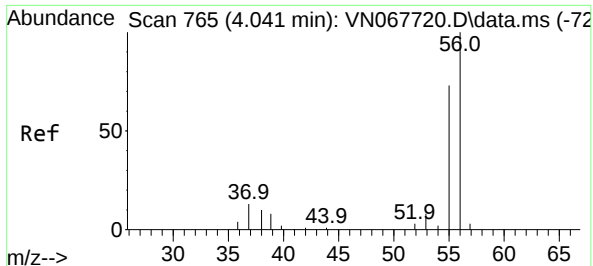
Delta R.T. -0.000 min

Lab File: VN067727.D

Acq: 13 Jul 2021 20:14

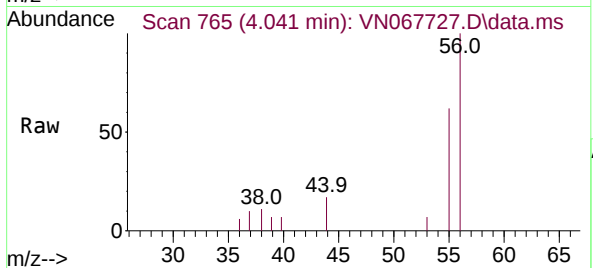
Tgt Ion:	43	Resp:	13891
Ion	Ratio	Lower	Upper
43	100		
74	21.8	19.8	29.6





#13
Acrolein
Concen: 17.233 ug/l m
RT: 4.041 min Scan# 765
Delta R.T. -0.000 min
Lab File: VN067727.D
Acq: 13 Jul 2021 20:14

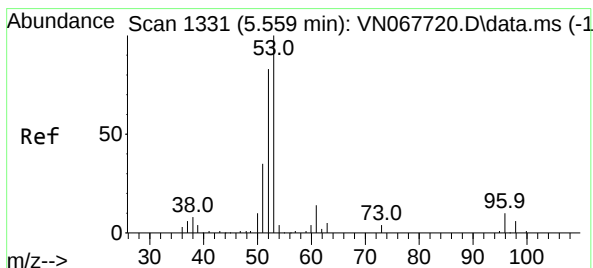
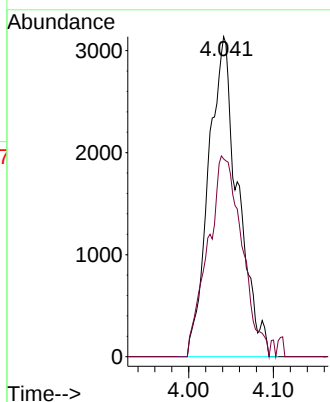
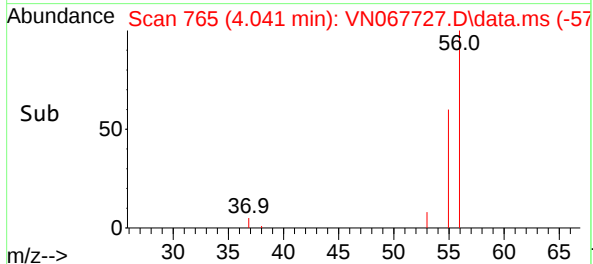
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



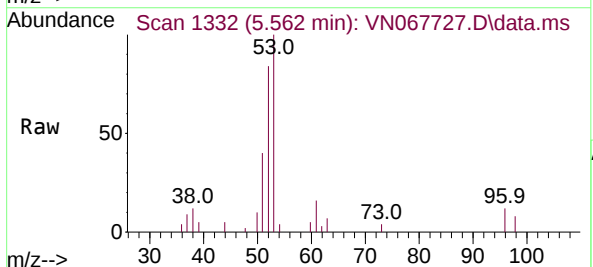
Tgt Ion: 56 Resp: 7592
Ion Ratio Lower Upper
56 100
55 55.4 0.2 0.2#

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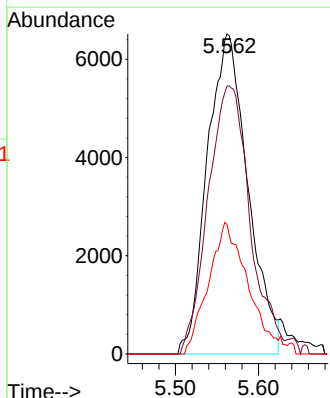
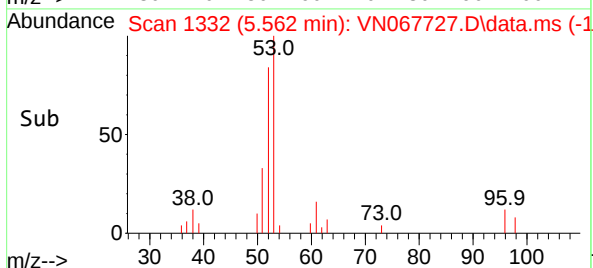
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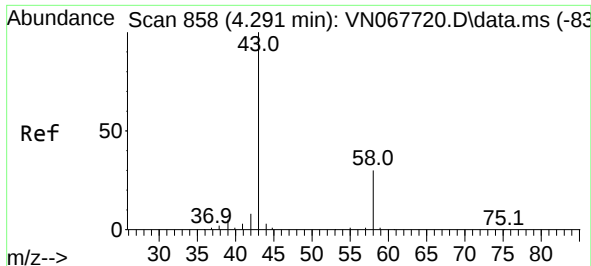


#14
Acrylonitrile
Concen: 11.975 ug/l
RT: 5.562 min Scan# 1332
Delta R.T. 0.003 min
Lab File: VN067727.D
Acq: 13 Jul 2021 20:14



Tgt Ion: 53 Resp: 22146
Ion Ratio Lower Upper
53 100
52 86.3 41.3 123.7
51 24.3 18.4 55.0





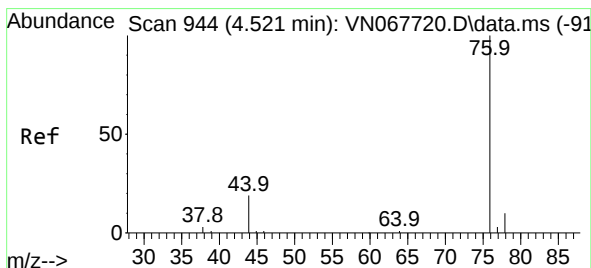
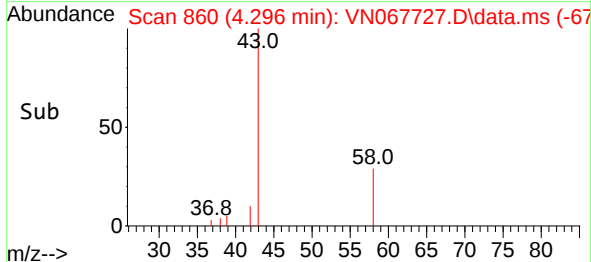
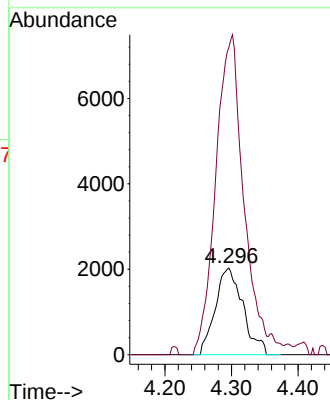
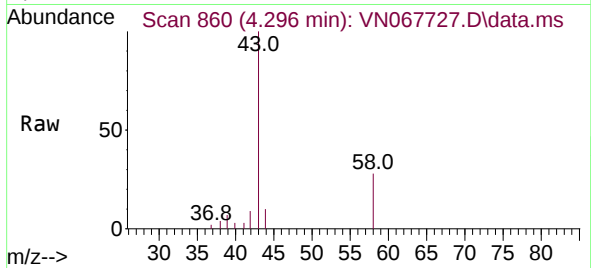
#15
Acetone
Concen: 12.724 ug/l m
RT: 4.296 min Scan# 860
Delta R.T. 0.005 min
Lab File: VN067727.D
Acq: 13 Jul 2021 20:14

Tgt Ion: 58 Resp: 5833
Ion Ratio Lower Upper
58 100
43 355.1 268.2 402.4

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

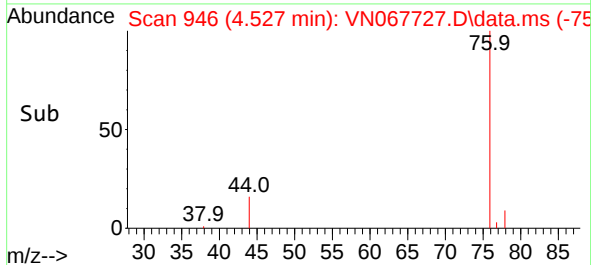
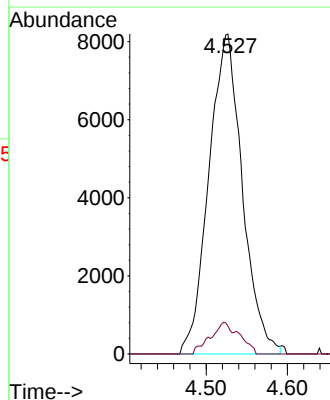
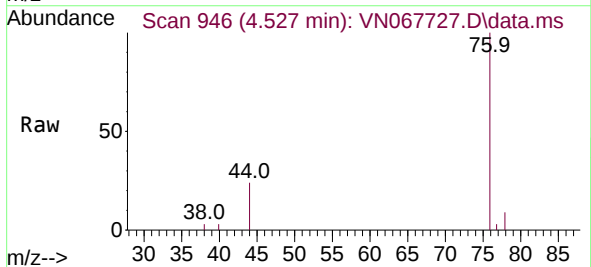
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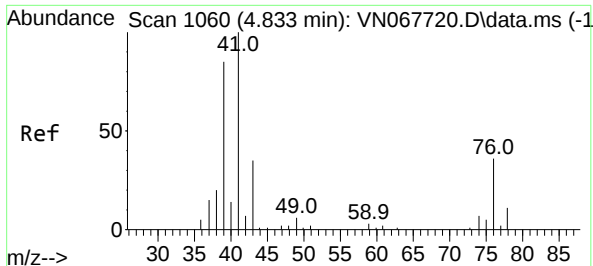
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#16
Carbon Disulfide
Concen: 2.885 ug/l
RT: 4.527 min Scan# 946
Delta R.T. 0.005 min
Lab File: VN067727.D
Acq: 13 Jul 2021 20:14

Tgt Ion: 76 Resp: 23474
Ion Ratio Lower Upper
76 100
78 8.8 7.9 11.9





#17

Allyl chloride

Concen: 2.659 ug/l m

RT: 4.840 min Scan# 1063

Delta R.T. 0.008 min

Lab File: VN067727.D

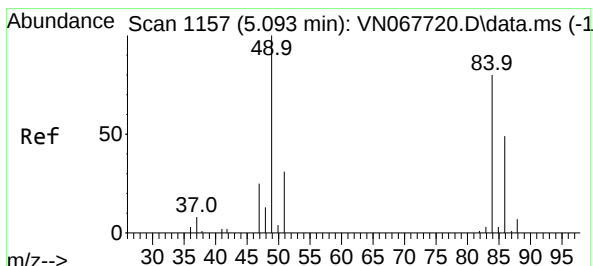
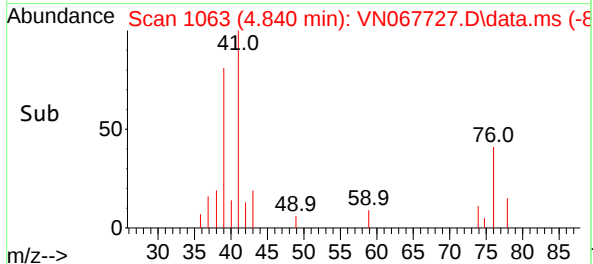
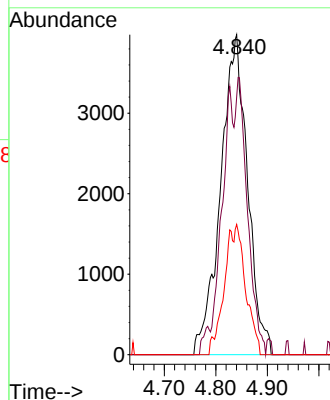
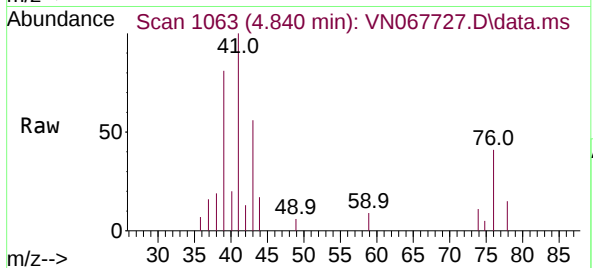
Acq: 13 Jul 2021 20:14

Tgt Ion:	41	Resp:	14416
Ion	Ratio	Lower	Upper
41	100		
39	80.6	42.4	127.3
76	40.7	17.9	53.8

Instrument :
MSVOA_N
ClientSampleId :
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#18

Methylene Chloride

Concen: 3.347 ug/l m

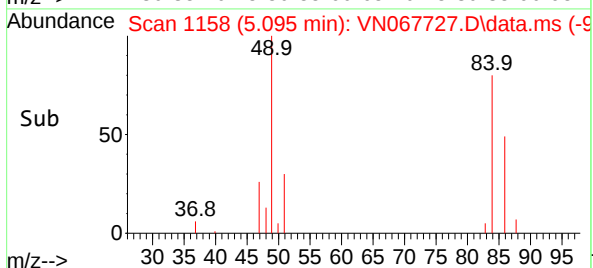
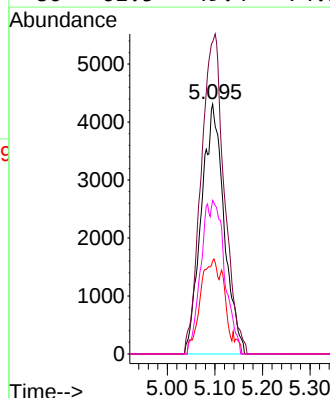
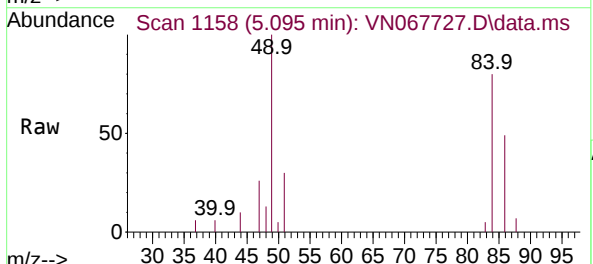
RT: 5.095 min Scan# 1158

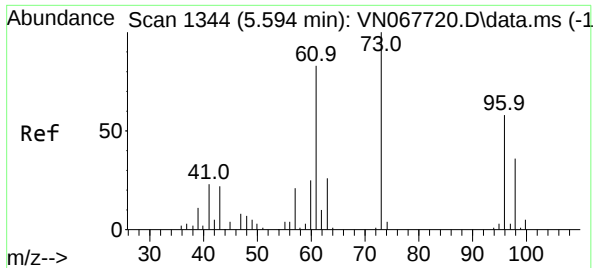
Delta R.T. 0.003 min

Lab File: VN067727.D

Acq: 13 Jul 2021 20:14

Tgt Ion:	84	Resp:	14273
Ion	Ratio	Lower	Upper
84	100		
49	124.9	100.5	150.7
51	37.2	30.7	46.1
86	61.5	49.4	74.2





#19

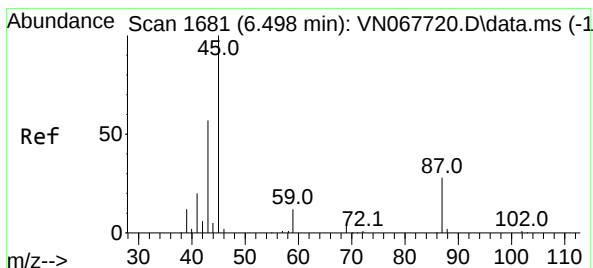
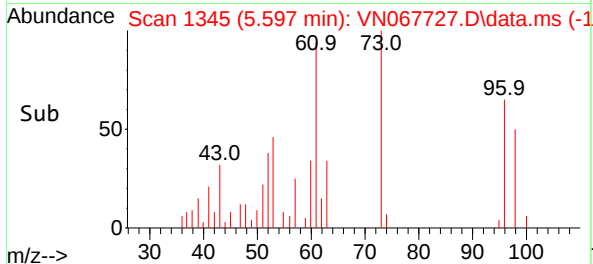
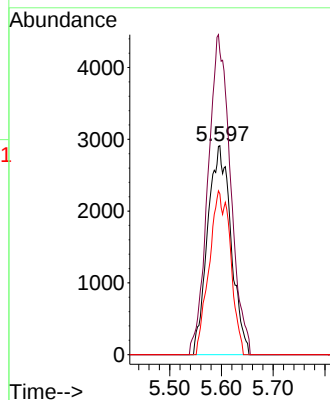
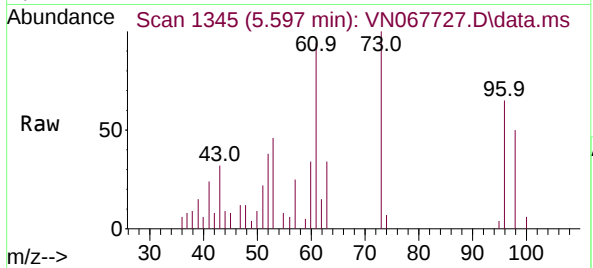
trans-1,2-Dichloroethene
Concen: 2.481 ug/l m
RT: 5.597 min Scan# 1345
Delta R.T. 0.003 min
Lab File: VN067727.D
Acq: 13 Jul 2021 20:14

Tgt Ion:	96	Resp:	9117
Ion	Ratio	Lower	Upper
96	100		
61	144.8	114.3	171.5
98	76.9	49.3	73.9#

Instrument :
MSVOA_N
ClientSampleId :
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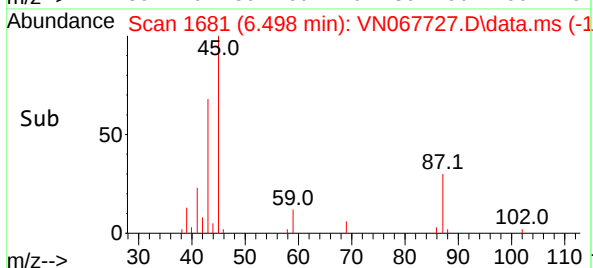
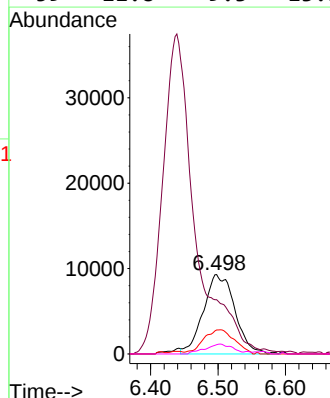
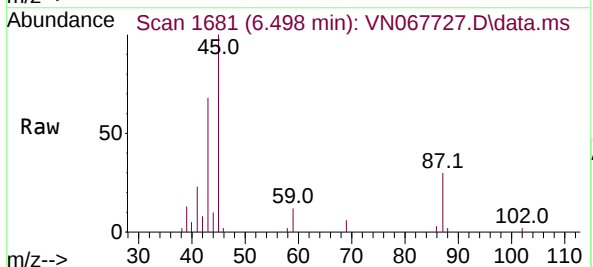
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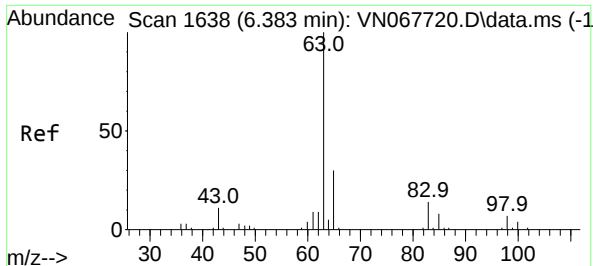


#20

Diisopropyl ether
Concen: 2.358 ug/l m
RT: 6.498 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN067727.D
Acq: 13 Jul 2021 20:14

Tgt Ion:	45	Resp:	30270
Ion	Ratio	Lower	Upper
45	100		
43	68.2	51.8	77.6
87	30.2	22.5	33.7
59	11.8	9.3	13.9





#21

1,1-Dichloroethane

Concen: 2.595 ug/l

RT: 6.388 min Scan# 1640

Delta R.T. 0.005 min

Lab File: VN067727.D

Acq: 13 Jul 2021 20:14

Tgt Ion:	63	Resp:	18331
Ion Ratio	Lower	Upper	
63	100		
98	7.0	3.3	9.8
100	6.2	2.0	5.8#

Instrument :

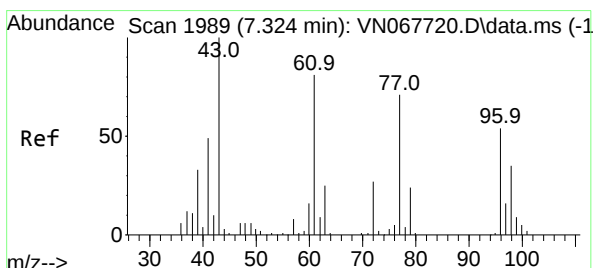
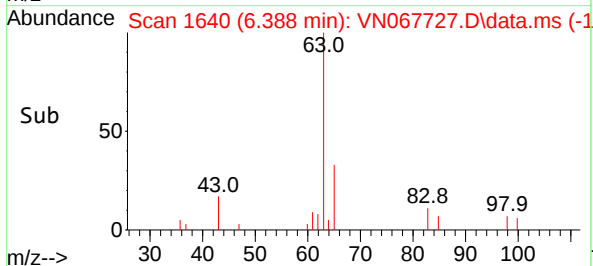
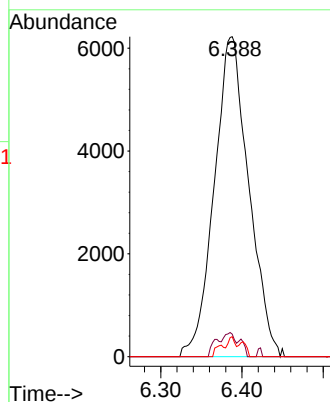
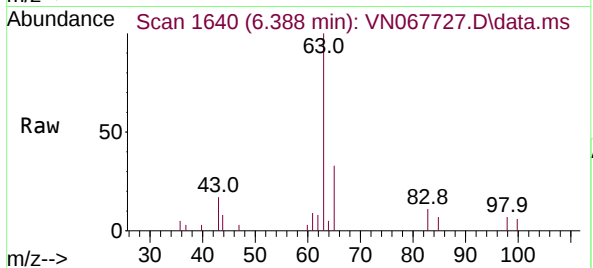
MSVOA_N

ClientSampleId :

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7/16/2021 10:42:40 AM



#22

cis-1,2-Dichloroethene

Concen: 2.642 ug/l

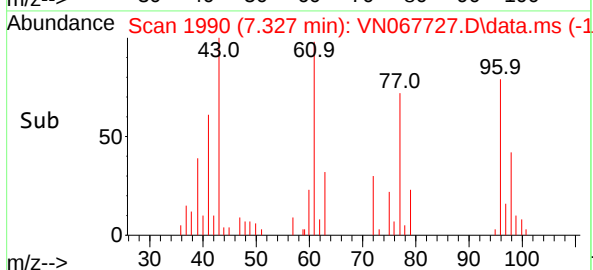
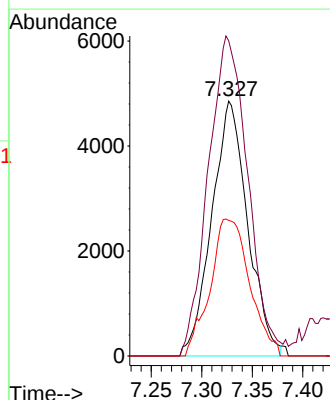
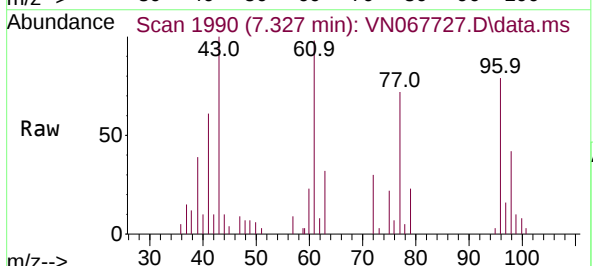
RT: 7.327 min Scan# 1990

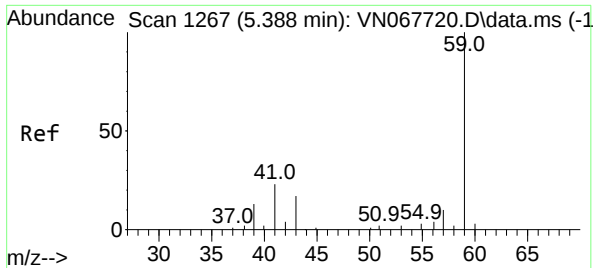
Delta R.T. 0.003 min

Lab File: VN067727.D

Acq: 13 Jul 2021 20:14

Tgt Ion:	96	Resp:	11978
Ion Ratio	Lower	Upper	
96	100		
61	138.0	121.2	181.8
98	56.1	51.8	77.8





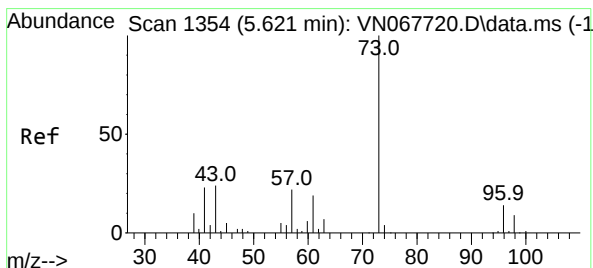
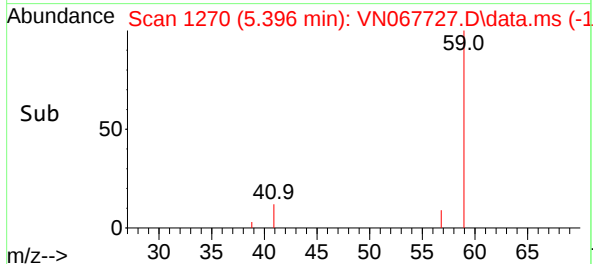
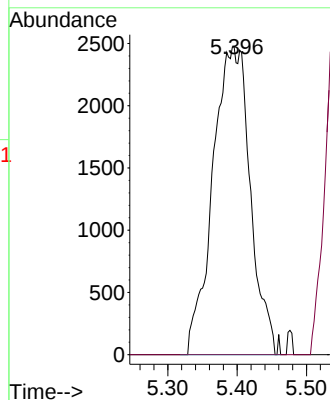
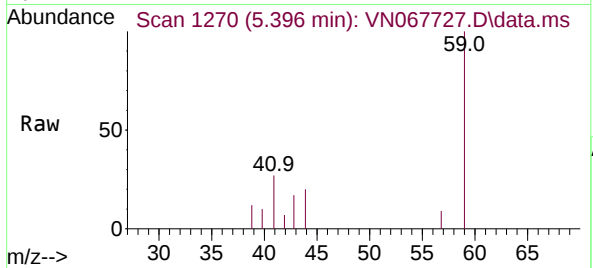
#23
tert-Butyl Alcohol
Concen: 13.650 ug/l m
RT: 5.396 min Scan# 1270
Delta R.T. 0.008 min
Lab File: VN067727.D
Acq: 13 Jul 2021 20:14

Tgt Ion: 59 Resp: 9305
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

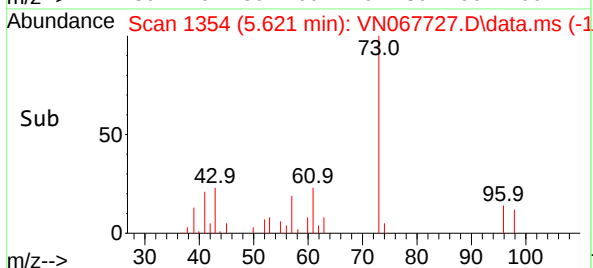
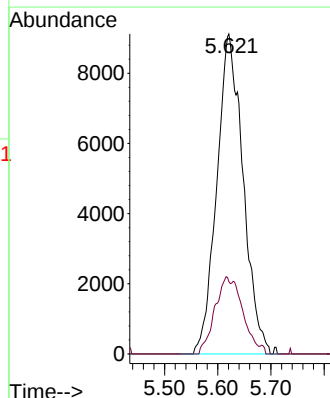
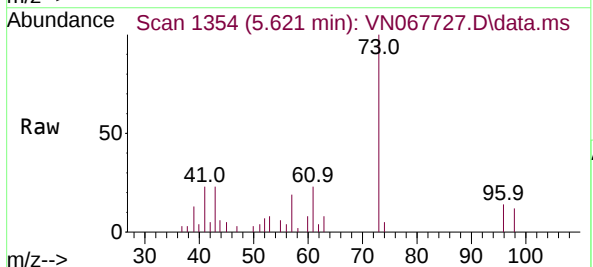
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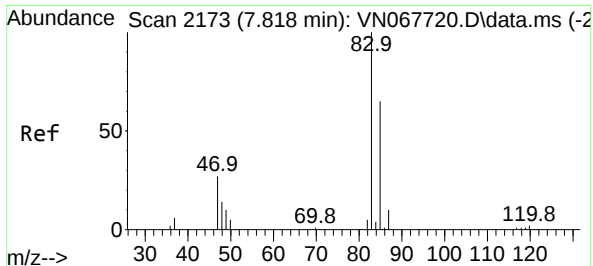
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#24
Methyl tert-Butyl Ether
Concen: 2.464 ug/l m
RT: 5.621 min Scan# 1354
Delta R.T. -0.000 min
Lab File: VN067727.D
Acq: 13 Jul 2021 20:14

Tgt Ion: 73 Resp: 31346
Ion Ratio Lower Upper
73 100
43 14.0 18.6 27.8#





#25

Chloroform

Concen: 2.631 ug/l

RT: 7.817 min Scan# 2173

Delta R.T. -0.000 min

Lab File: VN067727.D

Acq: 13 Jul 2021 20:14

Tgt Ion: 83 Resp: 20679

Ion Ratio Lower Upper

83 100

85 67.4 52.3 78.5

Instrument :

MSVOA_N

ClientSampleId :

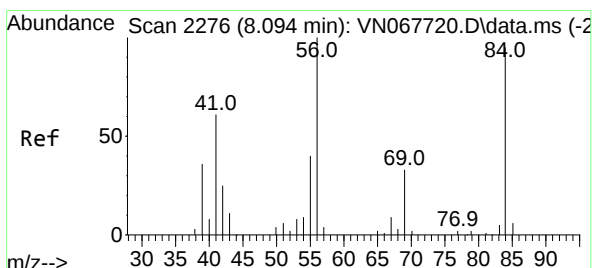
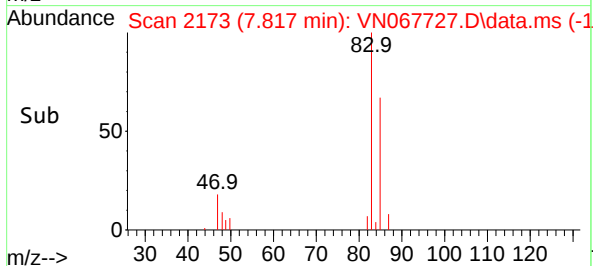
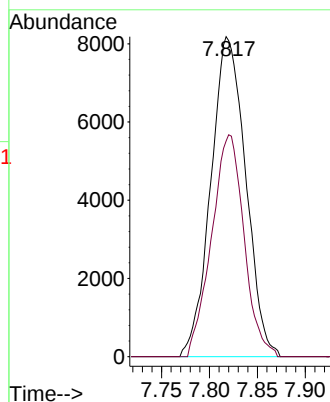
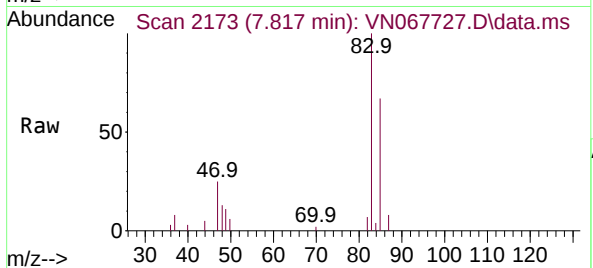
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#26

Cyclohexane

Concen: 2.467 ug/l

RT: 8.094 min Scan# 2276

Delta R.T. -0.000 min

Lab File: VN067727.D

Acq: 13 Jul 2021 20:14

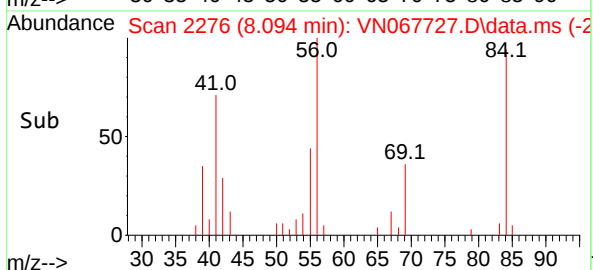
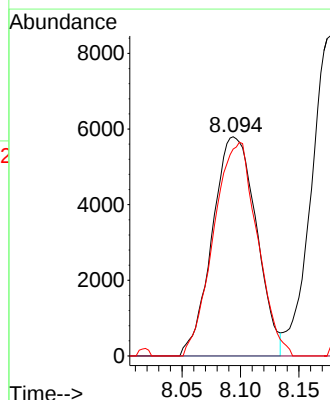
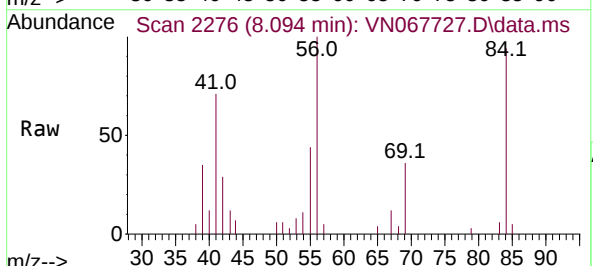
Tgt Ion: 56 Resp: 15183

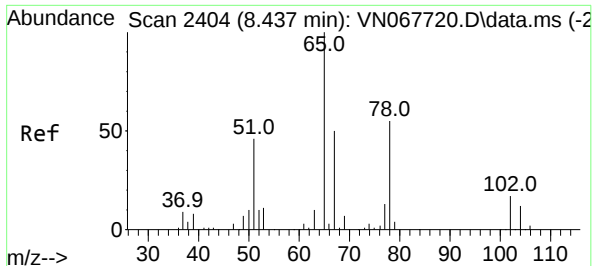
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 96.4 71.4 107.0





#27

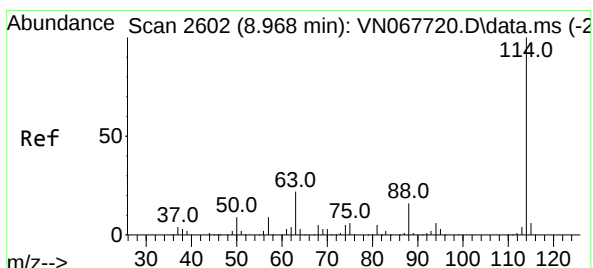
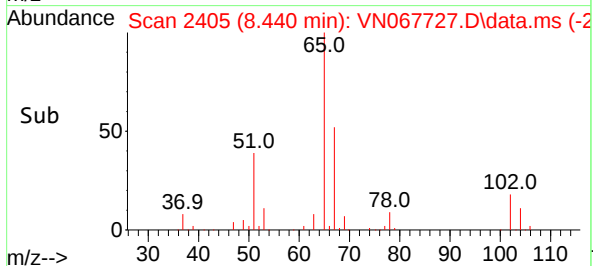
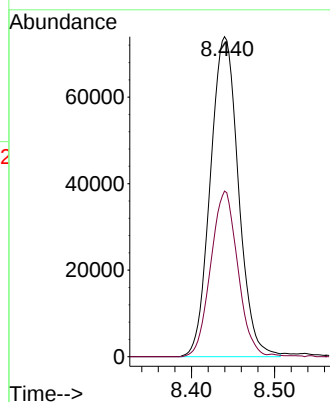
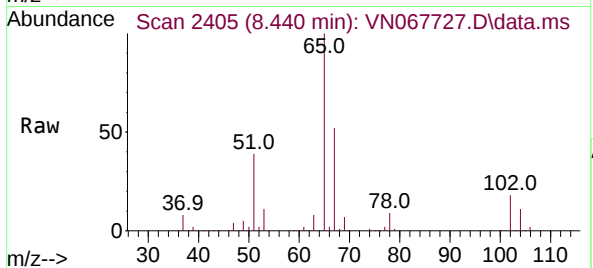
1,2-Dichloroethane-d4
Concen: 33.902 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN067727.D
Acq: 13 Jul 2021 20:14

Tgt Ion: 65 Resp: 173979
Ion Ratio Lower Upper
65 100
67 49.6 40.6 60.8

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

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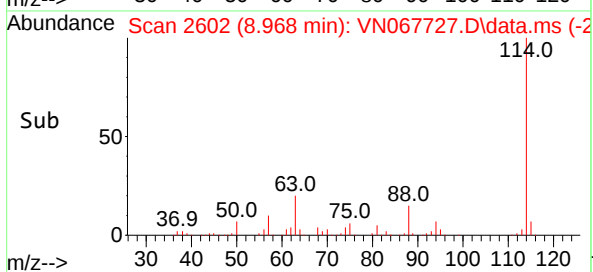
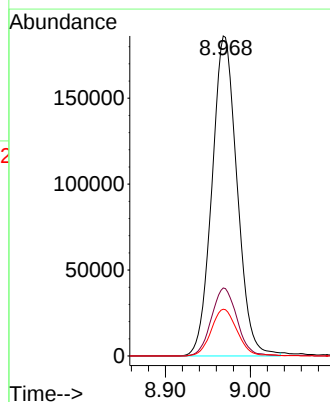
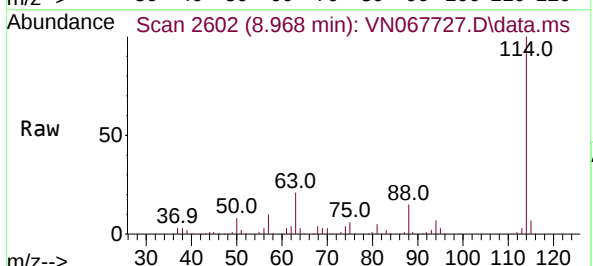
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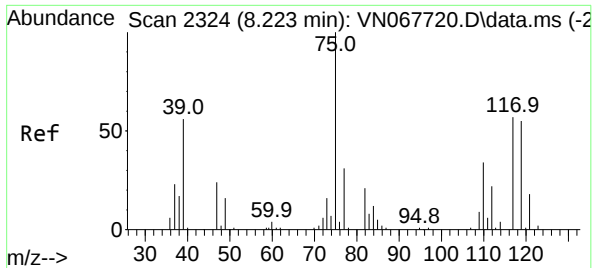


#28

1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN067727.D
Acq: 13 Jul 2021 20:14

Tgt Ion: 114 Resp: 382184
Ion Ratio Lower Upper
114 100
63 21.6 17.2 25.8
88 14.9 12.4 18.6





#29

1,1-Dichloropropene

Concen: 2.290 ug/l

RT: 8.225 min Scan# 2325

Delta R.T. 0.003 min

Lab File: VN067727.D

Acq: 13 Jul 2021 20:14

Tgt Ion: 75 Resp: 13732

Ion Ratio Lower Upper

75 100

110 35.5 0.0 69.2

77 32.5 0.0 60.4

Instrument :

MSVOA_N

ClientSampleId :

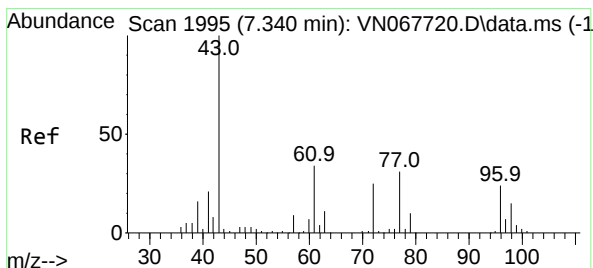
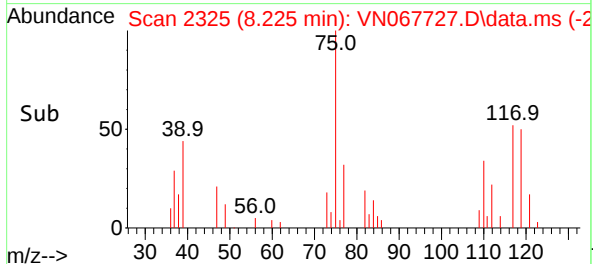
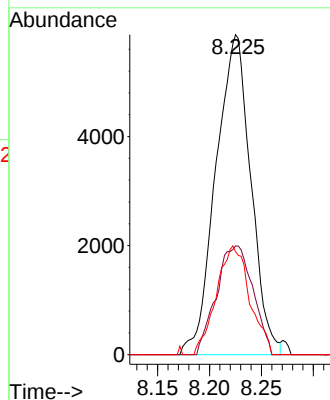
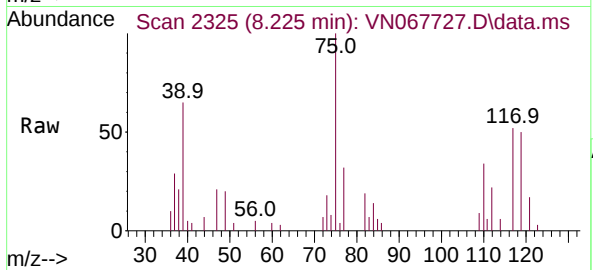
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#30

2-Butanone

Concen: 11.579 ug/l

RT: 7.348 min Scan# 1998

Delta R.T. 0.008 min

Lab File: VN067727.D

Acq: 13 Jul 2021 20:14

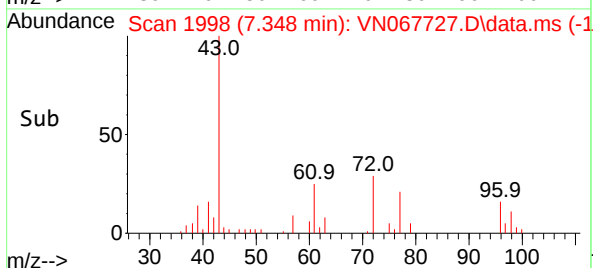
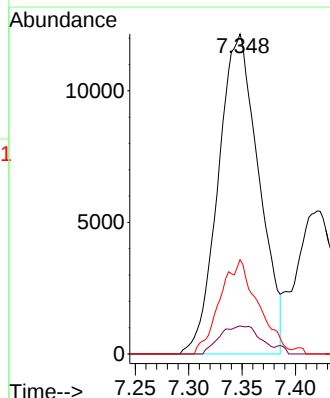
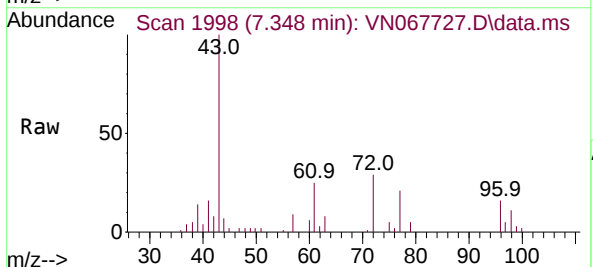
Tgt Ion: 43 Resp: 32153

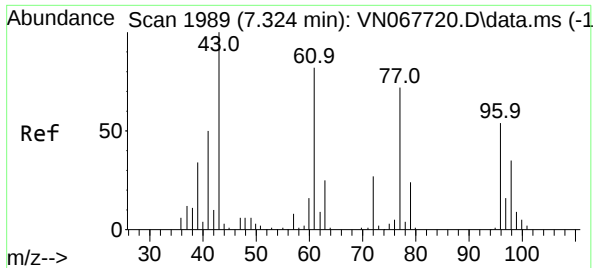
Ion Ratio Lower Upper

43 100

57 0.0 6.6 9.8#

72 16.1 21.8 32.6#





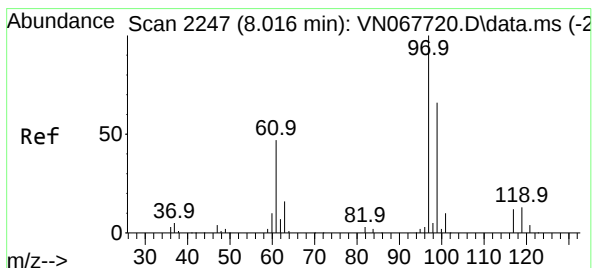
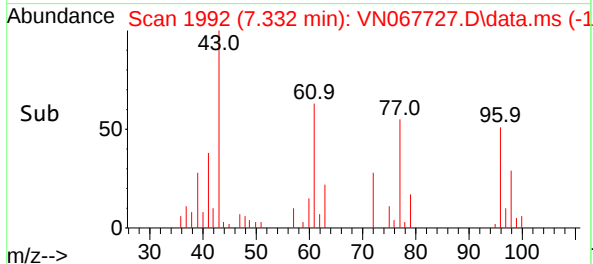
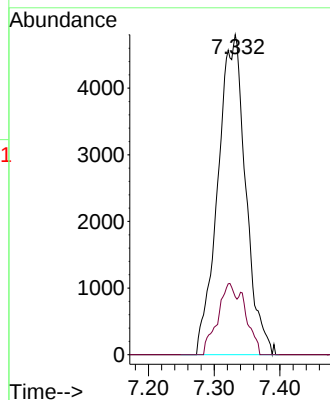
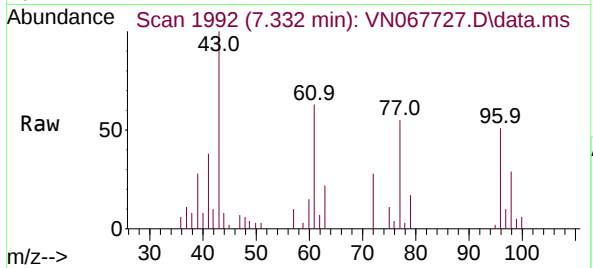
#31
2,2-Dichloropropane
Concen: 2.109 ug/l m
RT: 7.332 min Scan# 1992
Delta R.T. 0.008 min
Lab File: VN067727.D
Acq: 13 Jul 2021 20:14

Tgt Ion: 77 Resp: 14107
Ion Ratio Lower Upper
77 100
97 14.5 17.8 26.6#

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

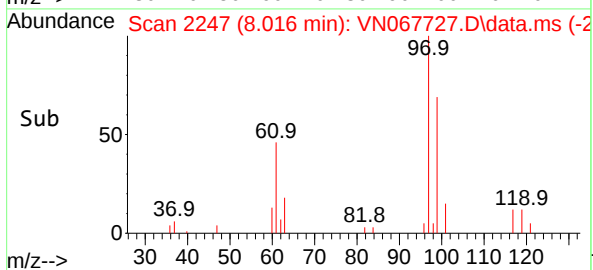
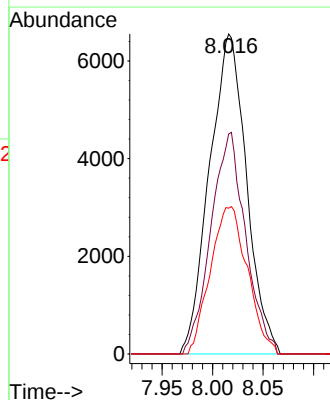
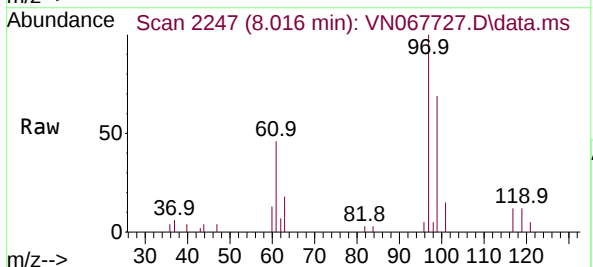
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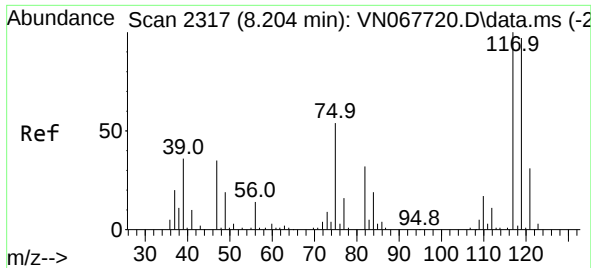
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#32
1,1,1-Trichloroethane
Concen: 2.265 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. -0.000 min
Lab File: VN067727.D
Acq: 13 Jul 2021 20:14

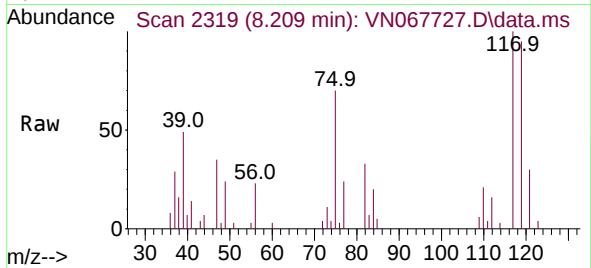
Tgt Ion: 97 Resp: 16677
Ion Ratio Lower Upper
97 100
99 65.0 51.6 77.4
61 46.2 37.6 56.4





#33
Carbon Tetrachloride
Concen: 2.151 ug/l
RT: 8.209 min Scan# 2319
Delta R.T. 0.005 min
Lab File: VN067727.D
Acq: 13 Jul 2021 20:14

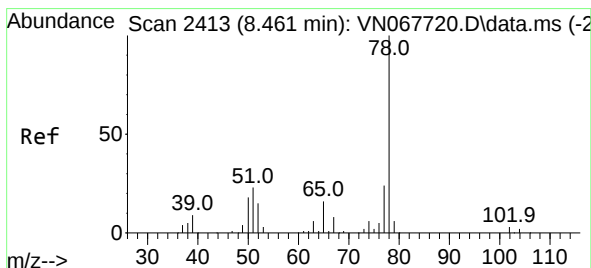
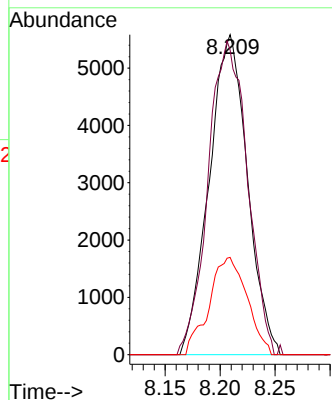
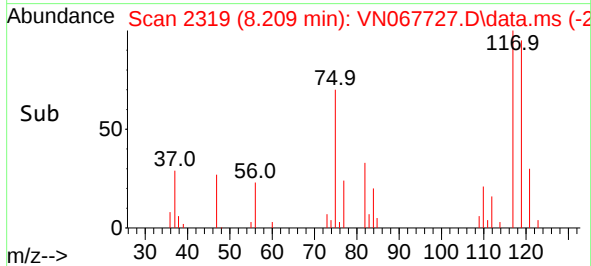
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



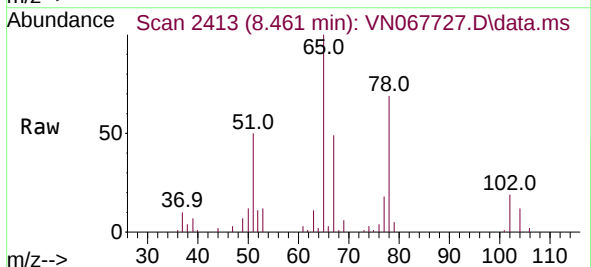
Tgt Ion:117 Resp: 13525
Ion Ratio Lower Upper
117 100
119 92.5 77.6 116.4
121 30.4 24.6 36.8

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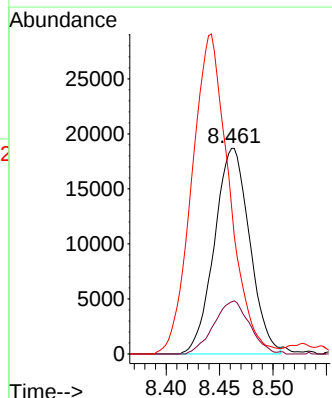
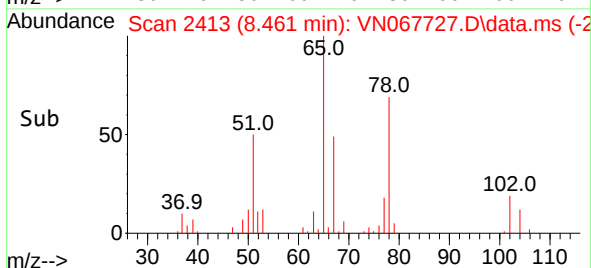
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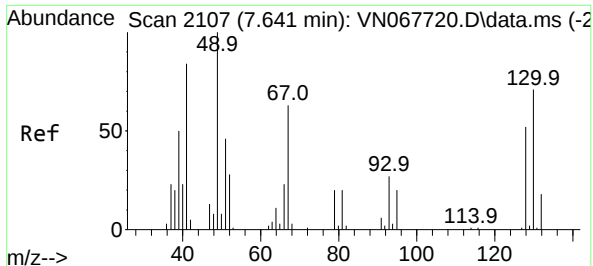


#34
Benzene
Concen: 2.395 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. -0.000 min
Lab File: VN067727.D
Acq: 13 Jul 2021 20:14

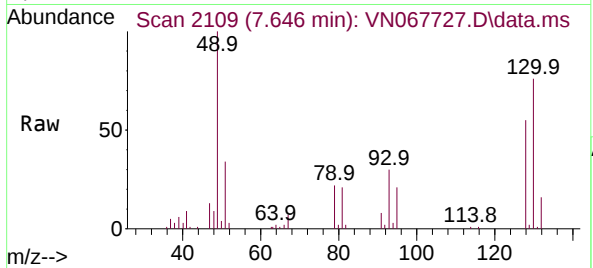


Tgt Ion: 78 Resp: 42934
Ion Ratio Lower Upper
78 100
77 25.4 19.1 28.7
51 69.1 18.2 27.4#

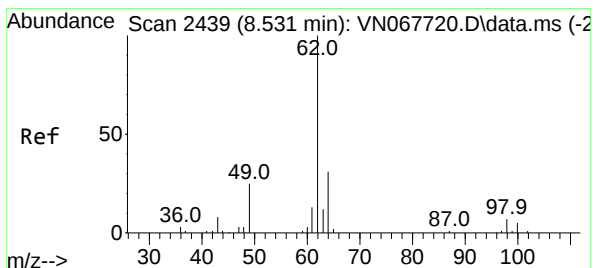
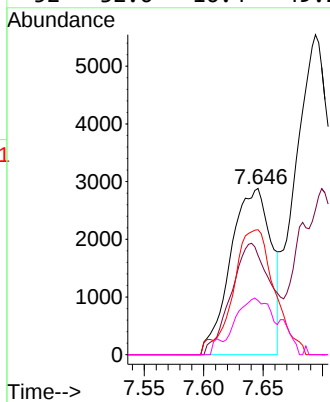
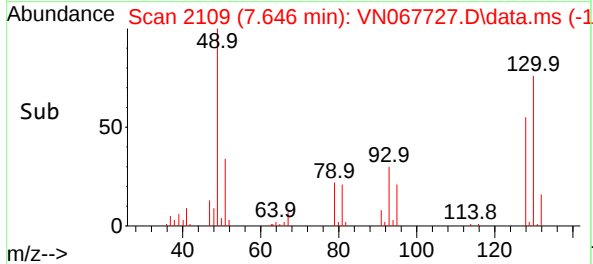




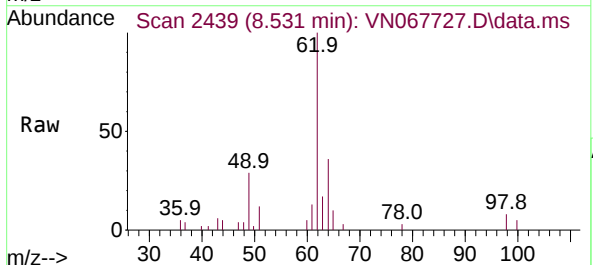
#35
Methacrylonitrile
Concen: 2.389 ug/l m
RT: 7.646 min Scan# 2109
Delta R.T. 0.005 min
Lab File: VN067727.D
Acq: 13 Jul 2021 20:14



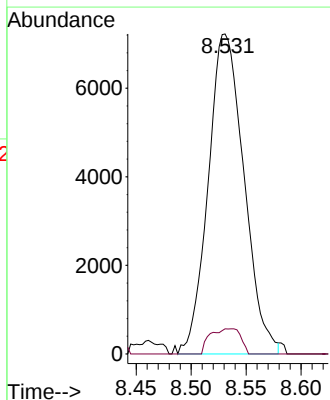
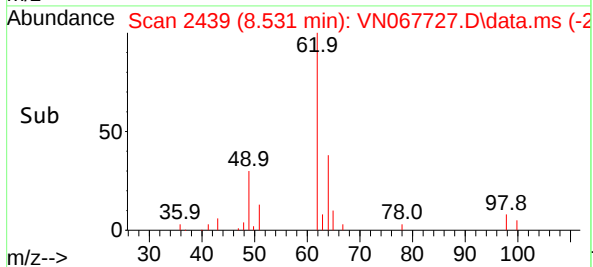
Tgt Ion:	41	Resp:	6819
Ion	Ratio	Lower	Upper
41	100		
39	59.7	29.6	88.9
67	75.2	37.4	112.2
52	32.6	16.4	49.2



#36
1,2-Dichloroethane
Concen: 2.453 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VN067727.D
Acq: 13 Jul 2021 20:14



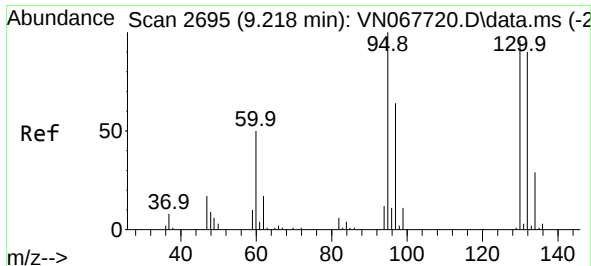
Tgt Ion:	62	Resp:	16368
Ion	Ratio	Lower	Upper
62	100		
98	2.1	6.2	9.2#



Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

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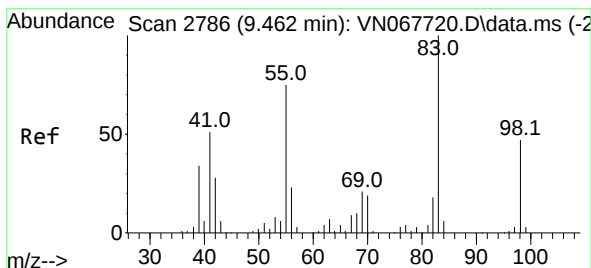
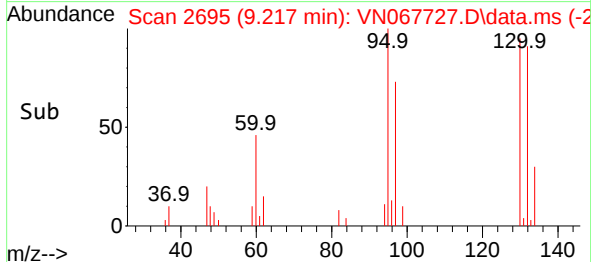
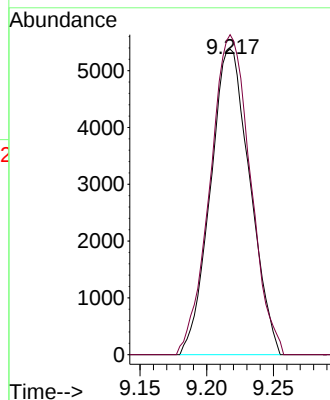
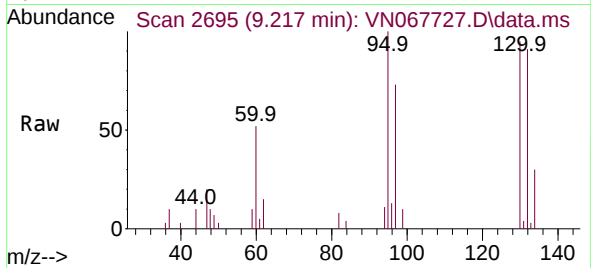
#37
Trichloroethene
Concen: 2.377 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. -0.000 min
Lab File: VN067727.D
Acq: 13 Jul 2021 20:14

Tgt Ion: 130 Resp: 11067
Ion Ratio Lower Upper
130 100
95 102.0 83.2 124.8

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

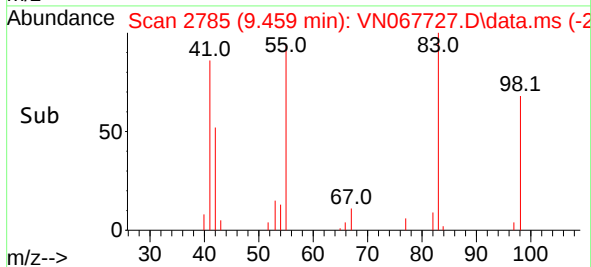
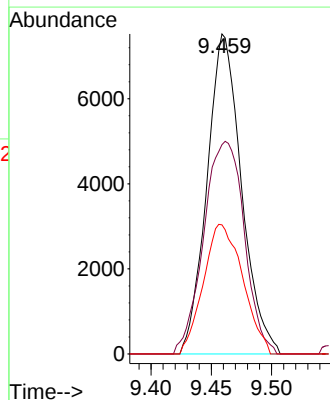
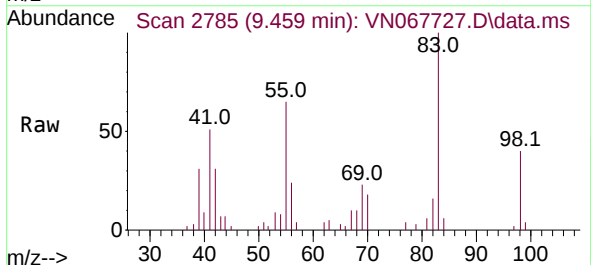
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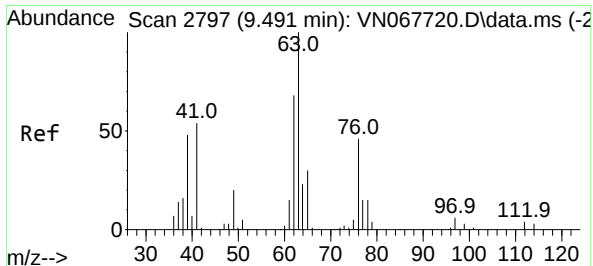
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#38
Methylcyclohexane
Concen: 2.258 ug/l
RT: 9.459 min Scan# 2785
Delta R.T. -0.003 min
Lab File: VN067727.D
Acq: 13 Jul 2021 20:14

Tgt Ion: 83 Resp: 14995
Ion Ratio Lower Upper
83 100
55 78.1 37.4 112.2
98 46.1 23.5 70.6





#39

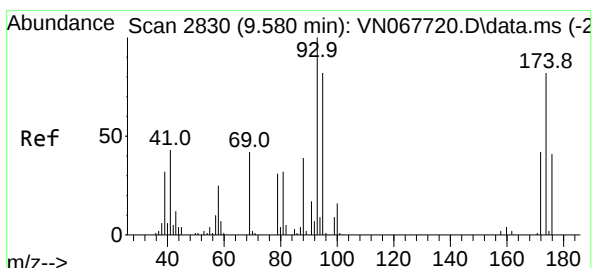
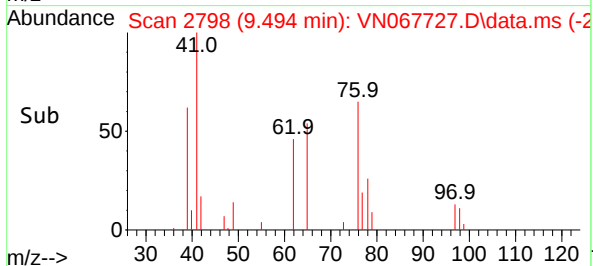
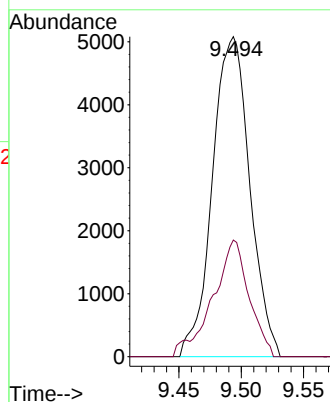
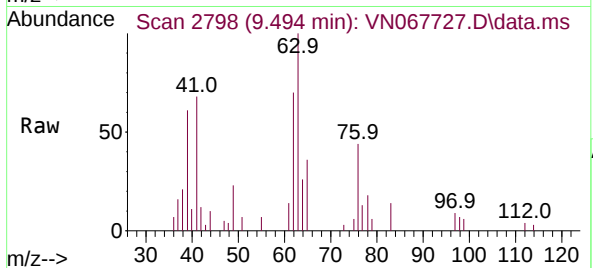
1,2-Dichloropropane
Concen: 2.319 ug/l
RT: 9.494 min Scan# 2798
Delta R.T. 0.003 min
Lab File: VN067727.D
Acq: 13 Jul 2021 20:14

Tgt Ion: 63 Resp: 10599
Ion Ratio Lower Upper
63 100
65 36.4 24.3 36.5

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

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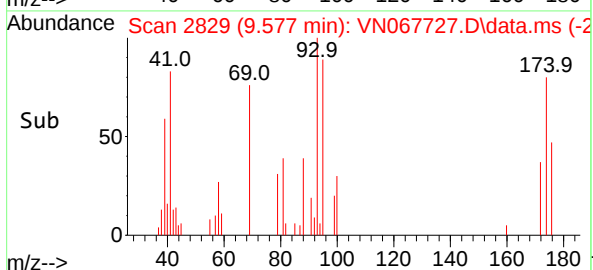
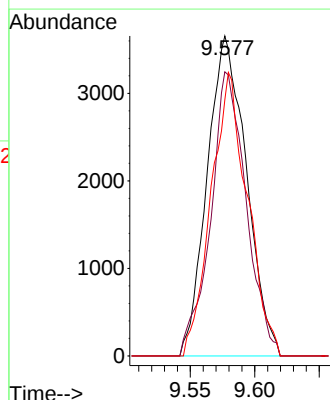
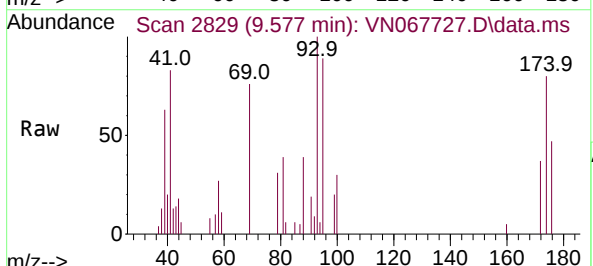
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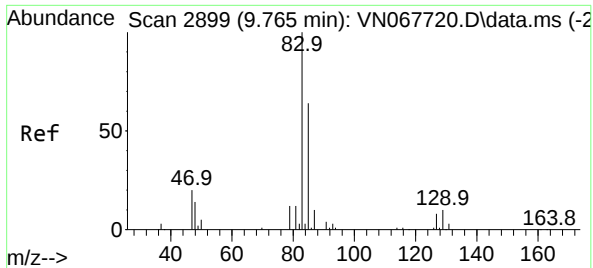


#40

Dibromomethane
Concen: 2.347 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. -0.003 min
Lab File: VN067727.D
Acq: 13 Jul 2021 20:14

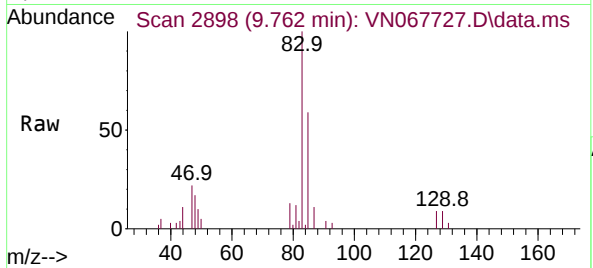
Tgt Ion: 93 Resp: 7715
Ion Ratio Lower Upper
93 100
95 80.3 0.0 165.4
174 82.3 0.0 163.0





#41
Bromodichloromethane
Concen: 2.142 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. -0.003 min
Lab File: VN067727.D
Acq: 13 Jul 2021 20:14

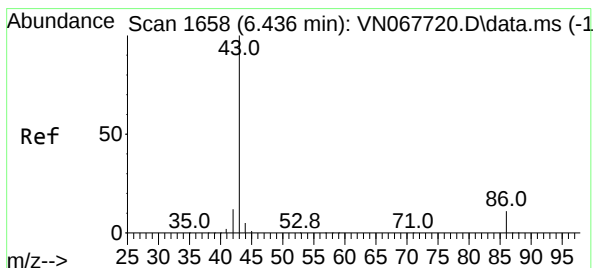
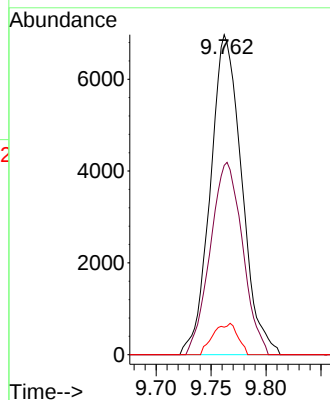
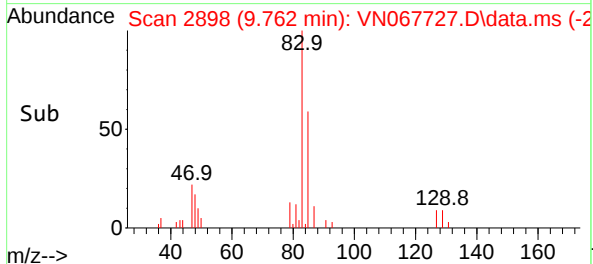
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



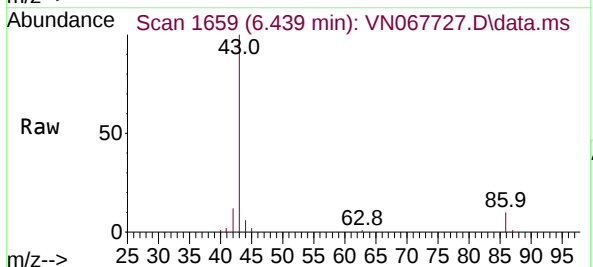
Tgt Ion: 83 Resp: 13822
Ion Ratio Lower Upper
83 100
85 59.2 51.3 76.9
127 8.6 6.6 10.0

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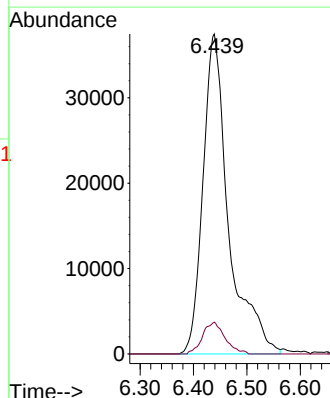
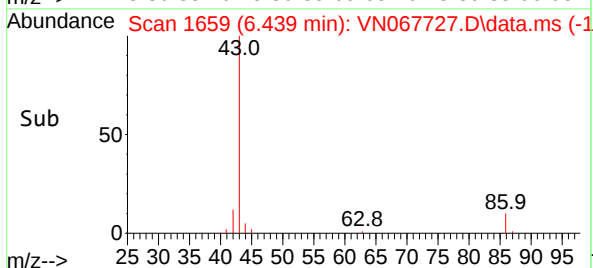
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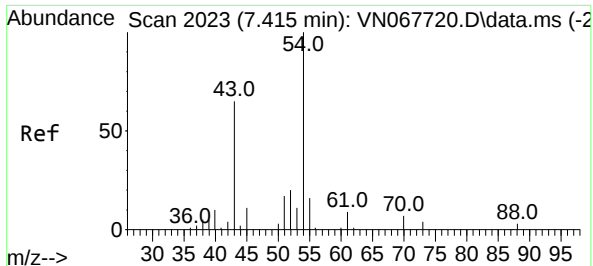


#42
Vinyl Acetate
Concen: 11.319 ug/l
RT: 6.439 min Scan# 1659
Delta R.T. 0.003 min
Lab File: VN067727.D
Acq: 13 Jul 2021 20:14



Tgt Ion: 43 Resp: 125047
Ion Ratio Lower Upper
43 100
86 8.5 8.2 12.2





#43

Ethyl Acetate

Concen: 2.565 ug/l

RT: 7.420 min Scan# 2025

Delta R.T. 0.005 min

Lab File: VN067727.D

Acq: 13 Jul 2021 20:14

Tgt Ion: 43 Resp: 14400

Ion Ratio Lower Upper

43 100

45 2.5 10.5 15.7#

Instrument :

MSVOA_N

ClientSampleId :

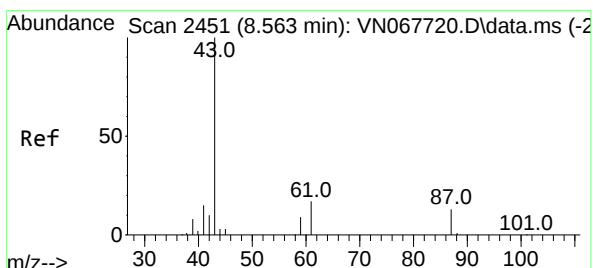
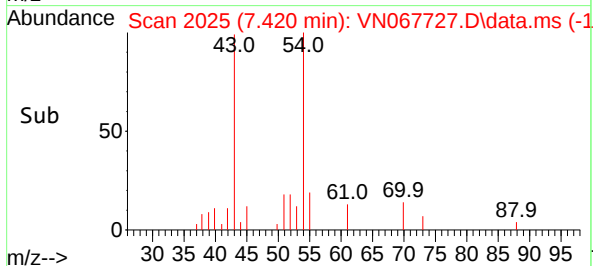
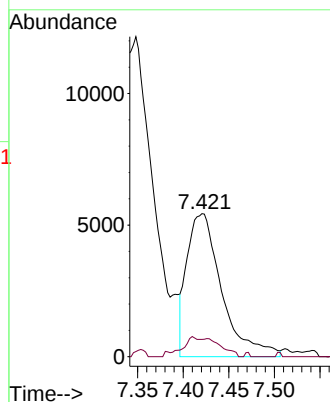
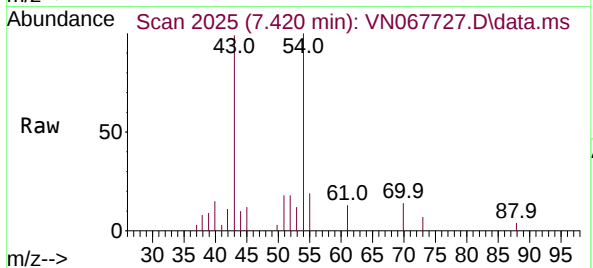
LOD-MDL-WATER-01-QT3-2021

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#44

Isopropyl Acetate

Concen: 2.241 ug/l m

RT: 8.568 min Scan# 2453

Delta R.T. 0.005 min

Lab File: VN067727.D

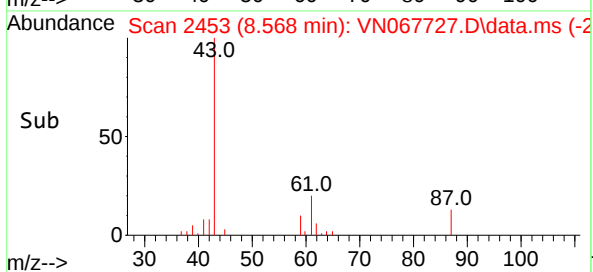
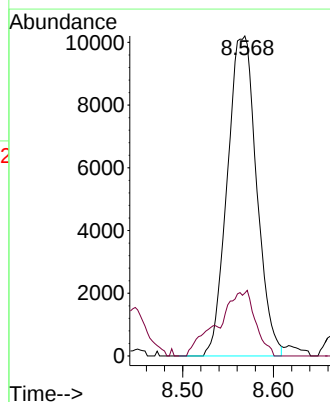
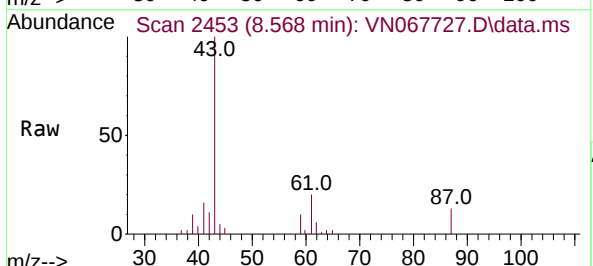
Acq: 13 Jul 2021 20:14

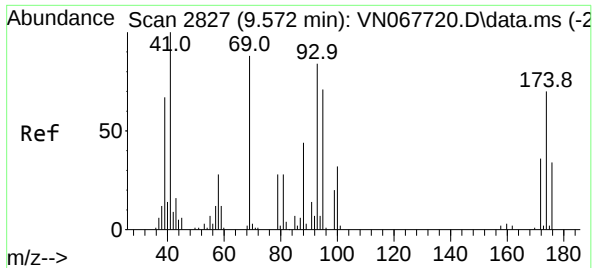
Tgt Ion: 43 Resp: 22845

Ion Ratio Lower Upper

43 100

61 5.2 20.4 30.6#





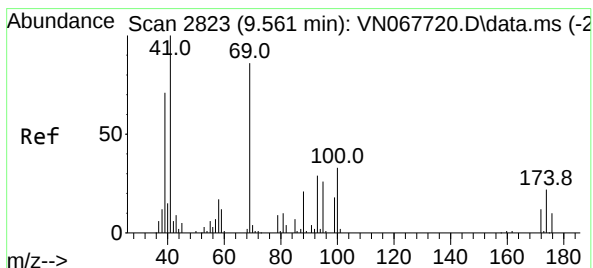
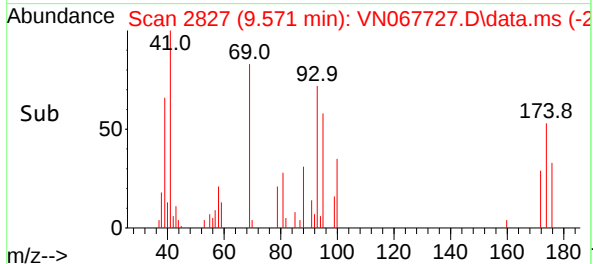
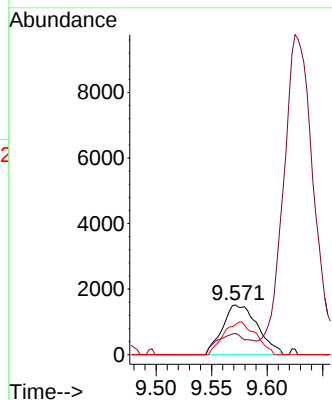
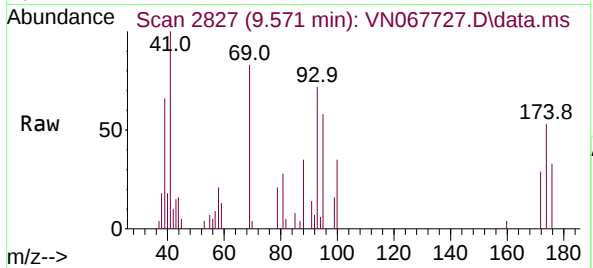
#45
1,4-Dioxane
Concen: 43.218 ug/l m
RT: 9.571 min Scan# 2827
Delta R.T. -0.000 min
Lab File: VN067727.D
Acq: 13 Jul 2021 20:14

Tgt Ion: 88 Resp: 3336
Ion Ratio Lower Upper
88 100
43 30.5 26.9 40.3
58 60.4 52.2 78.4

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

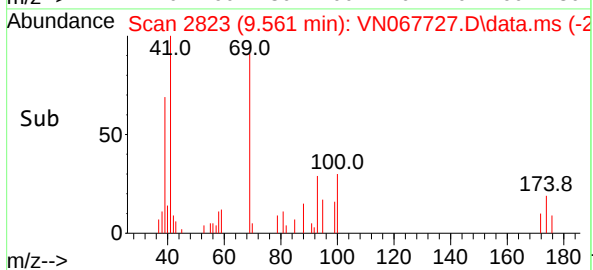
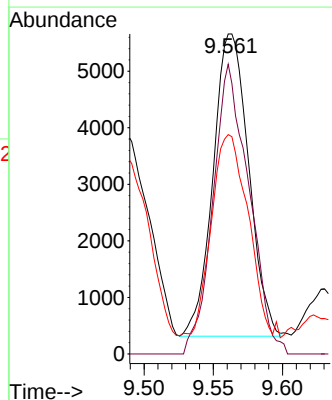
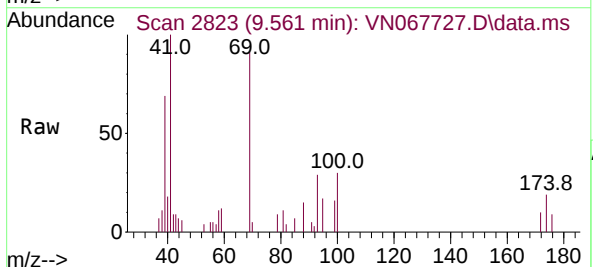
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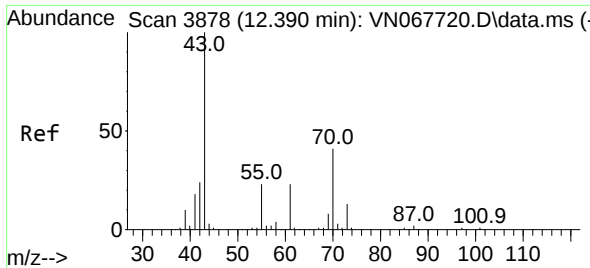
MMDadoda
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#46
Methyl methacrylate
Concen: 2.172 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN067727.D
Acq: 13 Jul 2021 20:14

Tgt Ion: 41 Resp: 9558
Ion Ratio Lower Upper
41 100
69 95.9 43.0 128.8
39 67.2 35.5 106.7





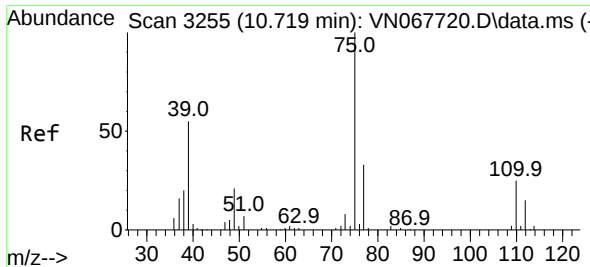
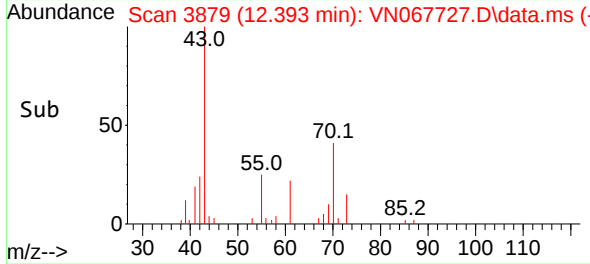
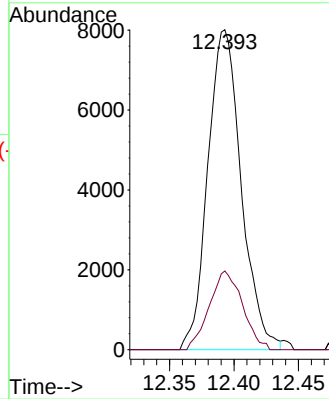
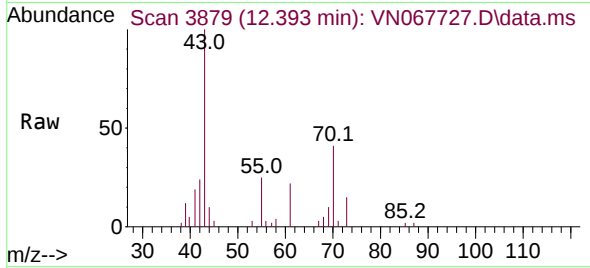
#47
n-amyl Acetate
Concen: 1.728 ug/l
RT: 12.393 min Scan# 3879
Delta R.T. 0.003 min
Lab File: VN067727.D
Acq: 13 Jul 2021 20:14

Tgt Ion: 43 Resp: 14456
Ion Ratio Lower Upper
43 100
55 24.2 19.0 28.6

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

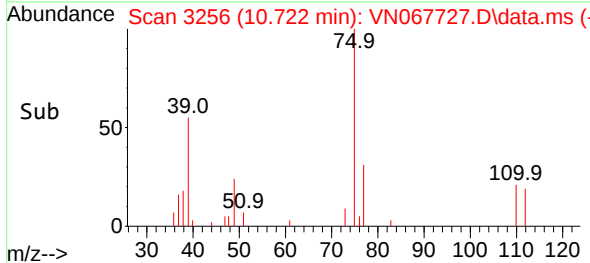
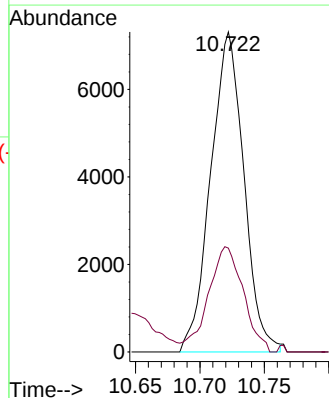
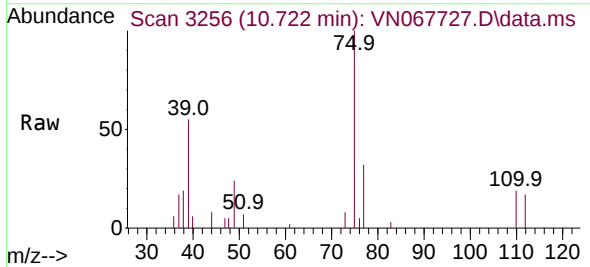
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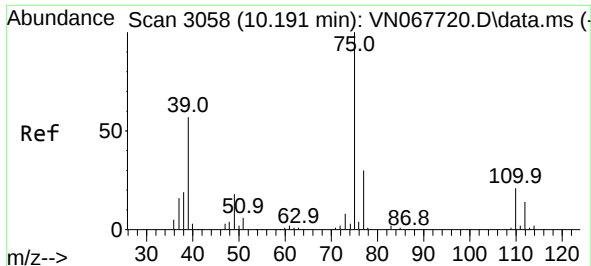
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#48
t-1,3-Dichloropropene
Concen: 1.879 ug/l
RT: 10.722 min Scan# 3256
Delta R.T. 0.003 min
Lab File: VN067727.D
Acq: 13 Jul 2021 20:14

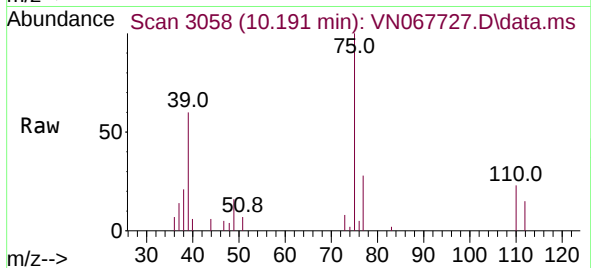
Tgt Ion: 75 Resp: 13066
Ion Ratio Lower Upper
75 100
77 30.4 27.0 40.4





#49
 cis-1,3-Dichloropropene
 Concen: 1.935 ug/l
 RT: 10.191 min Scan# 3058
 Delta R.T. -0.000 min
 Lab File: VN067727.D
 Acq: 13 Jul 2021 20:14

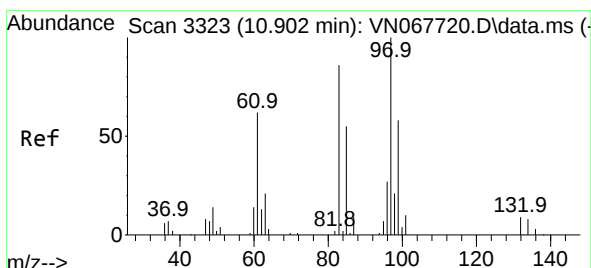
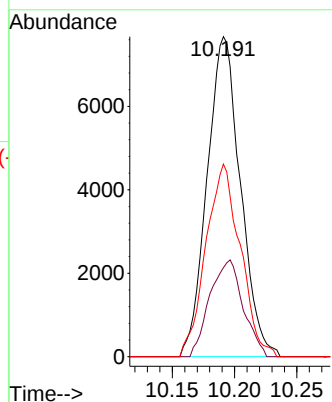
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2021



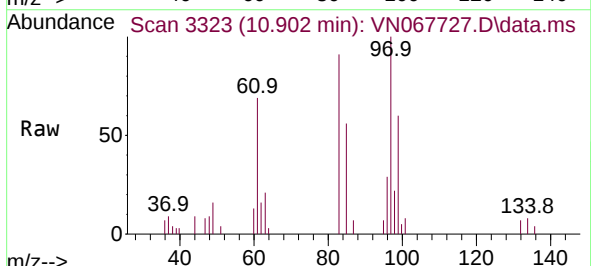
Tgt Ion:	75	Resp:	14284
Ion	Ratio	Lower	Upper
75	100		
77	27.8	23.8	35.6
39	60.2	45.3	67.9

Manual Integrations
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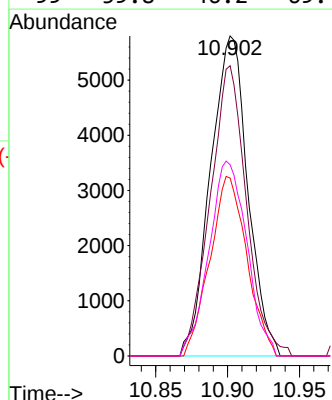
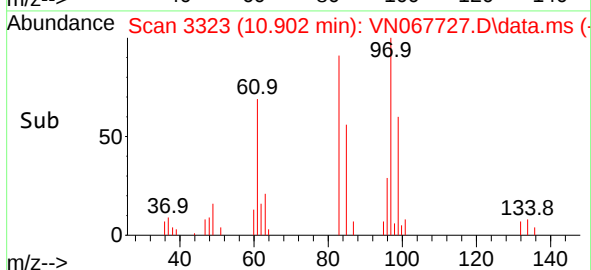
MMDadoda
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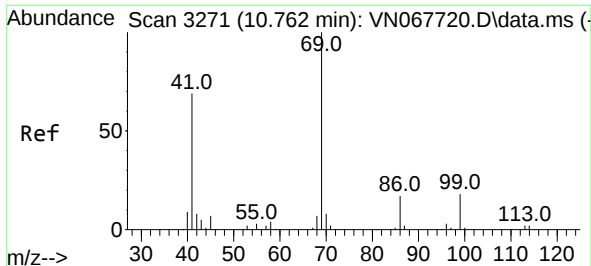


#50
 1,1,2-Trichloroethane
 Concen: 2.230 ug/l
 RT: 10.902 min Scan# 3323
 Delta R.T. -0.000 min
 Lab File: VN067727.D
 Acq: 13 Jul 2021 20:14

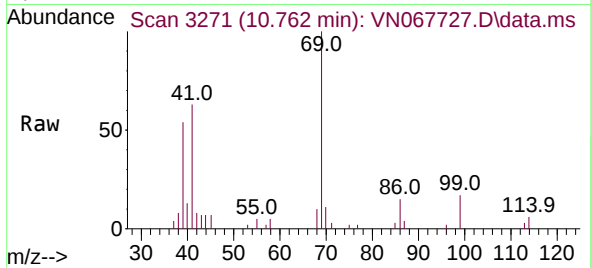


Tgt Ion:	97	Resp:	10461
Ion	Ratio	Lower	Upper
97	100		
83	90.7	69.0	103.4
85	55.6	43.8	65.8
99	59.8	46.2	69.4

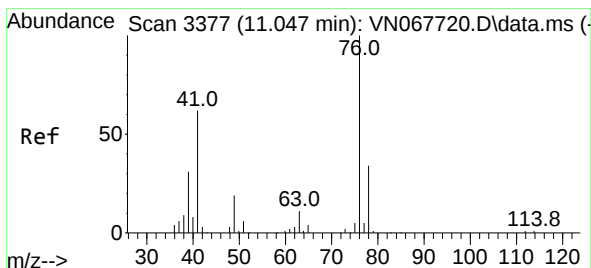
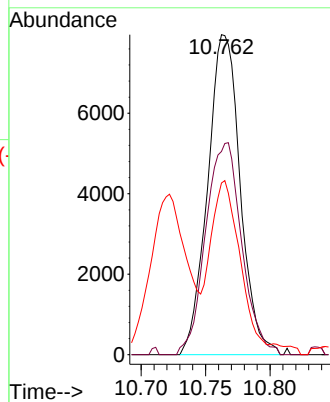
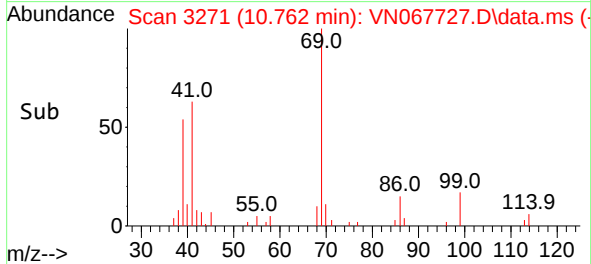




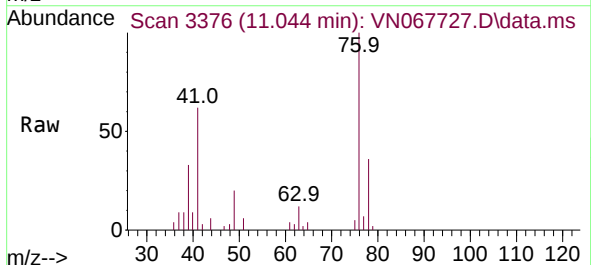
#51
Ethyl methacrylate
Concen: 1.918 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. -0.000 min
Lab File: VN067727.D
Acq: 13 Jul 2021 20:14



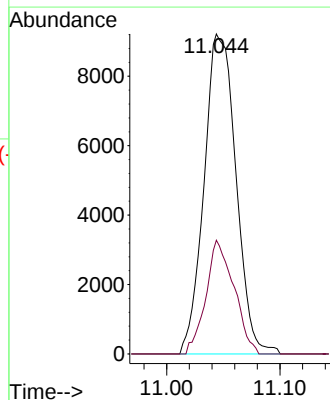
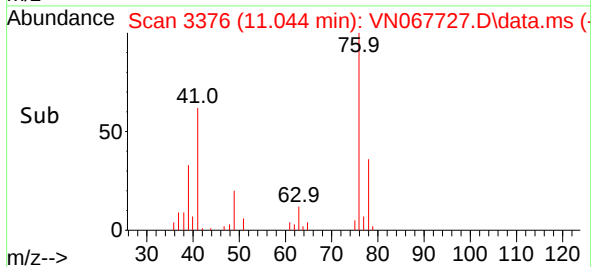
Tgt Ion: 69 Resp: 13992
Ion Ratio Lower Upper
69 100
41 63.5 34.3 102.9
39 50.9 23.7 71.1



#52
1,3-Dichloropropane
Concen: 2.326 ug/l
RT: 11.044 min Scan# 3376
Delta R.T. -0.003 min
Lab File: VN067727.D
Acq: 13 Jul 2021 20:14



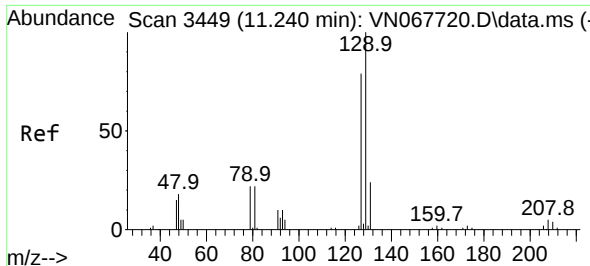
Tgt Ion: 76 Resp: 18042
Ion Ratio Lower Upper
76 100
78 31.2 0.0 67.0



Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

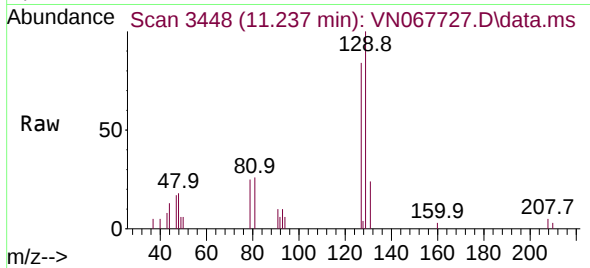
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#53
Dibromochloromethane
Concen: 1.718 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN067727.D
Acq: 13 Jul 2021 20:14

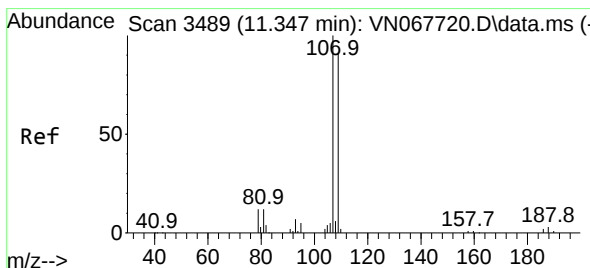
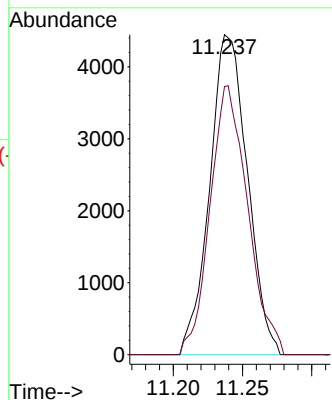
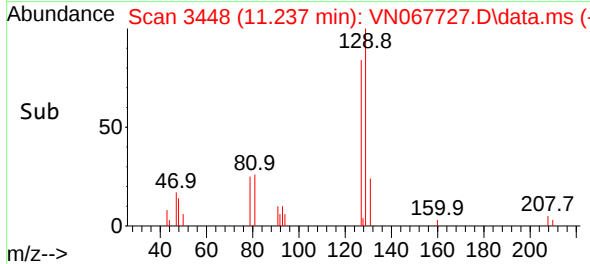
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



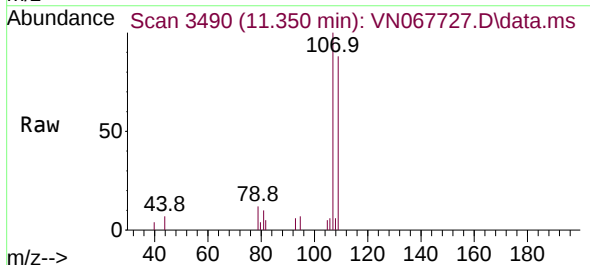
Tgt Ion:129 Resp: 8434
Ion Ratio Lower Upper
129 100
127 83.6 39.6 118.8

Manual Integrations
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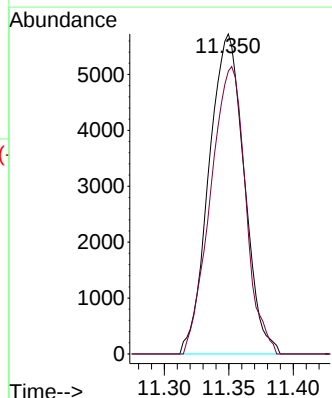
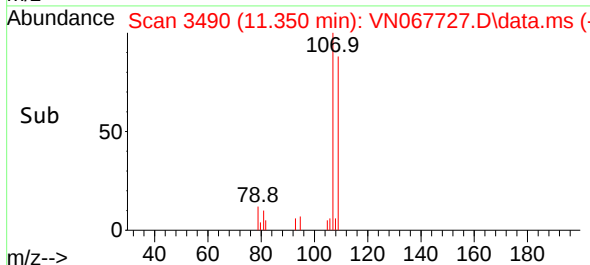
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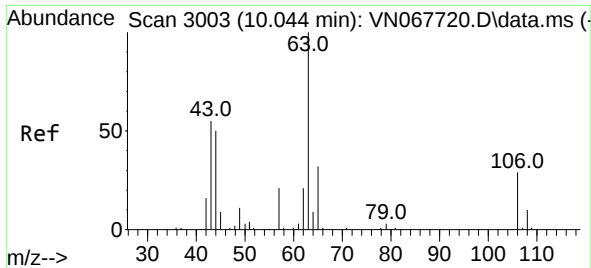


#54
1,2-Dibromoethane
Concen: 2.249 ug/l
RT: 11.350 min Scan# 3490
Delta R.T. 0.003 min
Lab File: VN067727.D
Acq: 13 Jul 2021 20:14



Tgt Ion:107 Resp: 10880
Ion Ratio Lower Upper
107 100
109 89.3 74.6 111.8





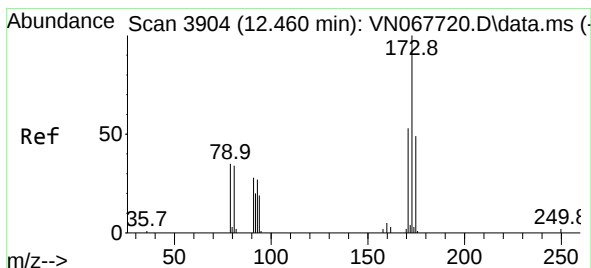
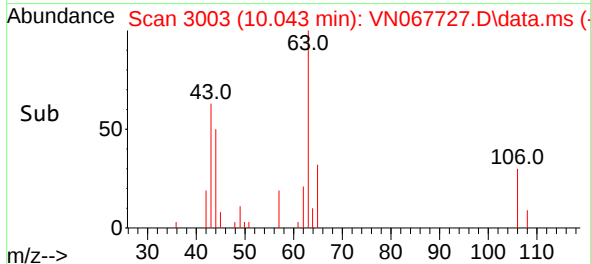
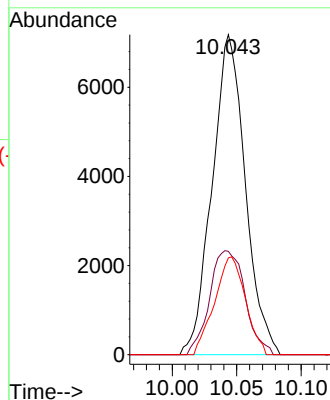
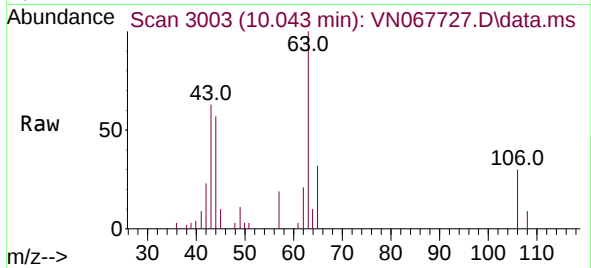
#55
2-Chloroethyl vinyl ether
Concen: 9.093 ug/l
RT: 10.043 min Scan# 3003
Delta R.T. -0.000 min
Lab File: VN067727.D
Acq: 13 Jul 2021 20:14

Tgt Ion:	63	Resp:	12828
Ion Ratio	Lower	Upper	
63	100		
65	34.8	25.5	38.3
106	28.5	22.1	33.1

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

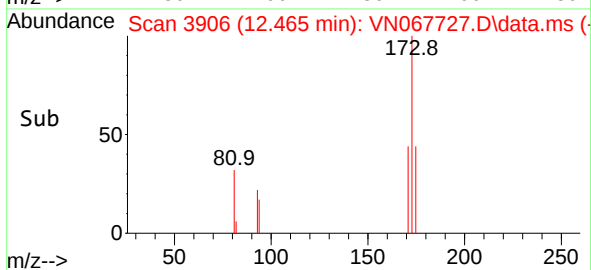
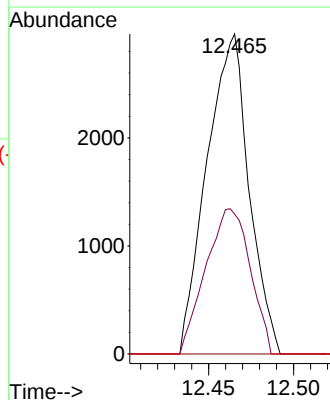
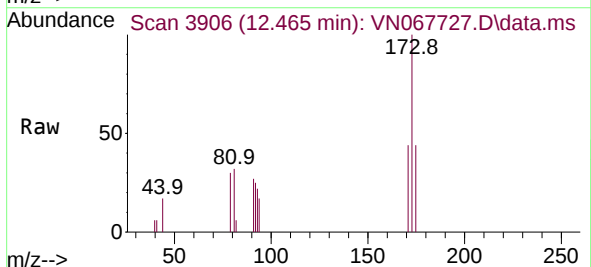
Manual Integrations
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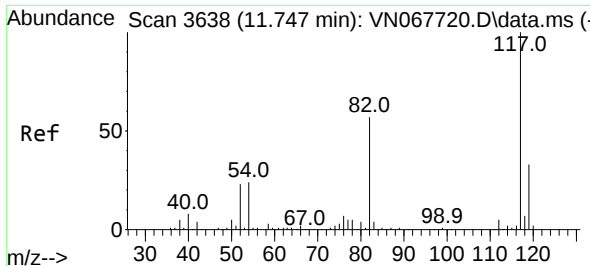
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#56
Bromoform
Concen: 1.486 ug/l
RT: 12.465 min Scan# 3906
Delta R.T. 0.005 min
Lab File: VN067727.D
Acq: 13 Jul 2021 20:14

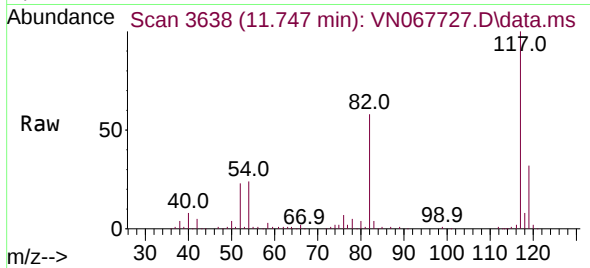
Tgt Ion:	173	Resp:	5112
Ion Ratio	Lower	Upper	
173	100		
175	47.9	38.5	57.7
254	0.0	0.0	0.0





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN067727.D
Acq: 13 Jul 2021 20:14

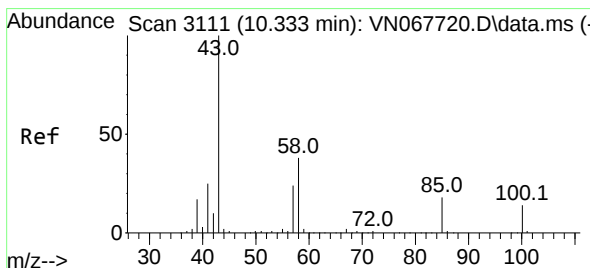
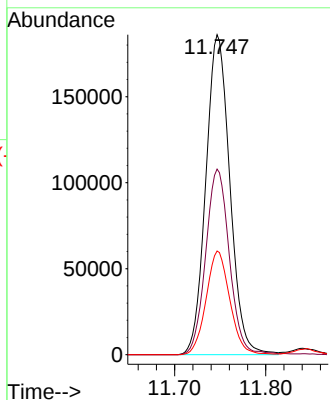
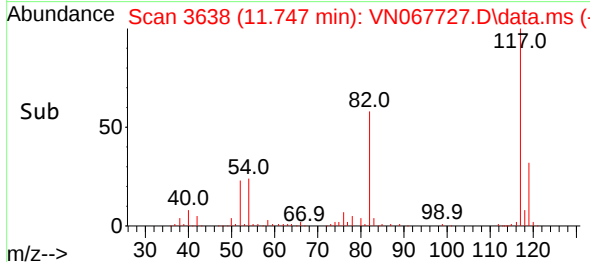
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



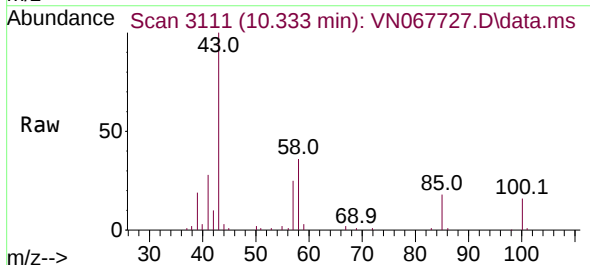
Tgt Ion:117 Resp: 340933
Ion Ratio Lower Upper
117 100
82 56.7 45.4 68.0
119 31.9 25.7 38.5

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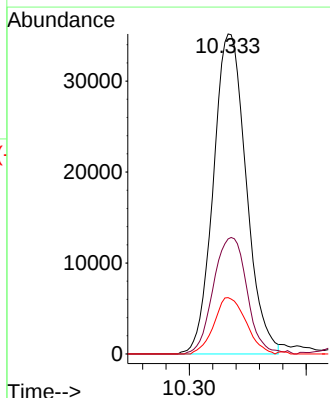
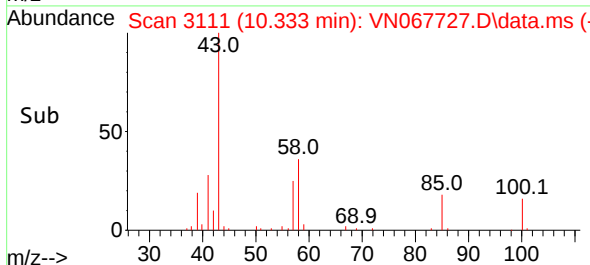
MMDadoda
7/16/2021 10:42:40 AM

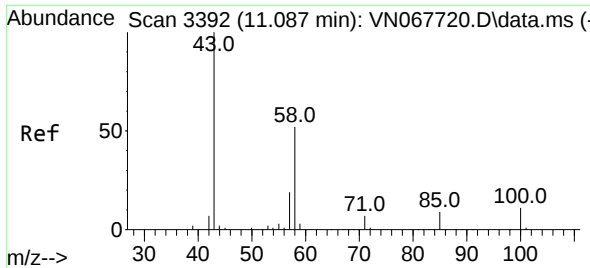


#58
4-Methyl-2-Pentanone
Concen: 11.704 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. -0.000 min
Lab File: VN067727.D
Acq: 13 Jul 2021 20:14



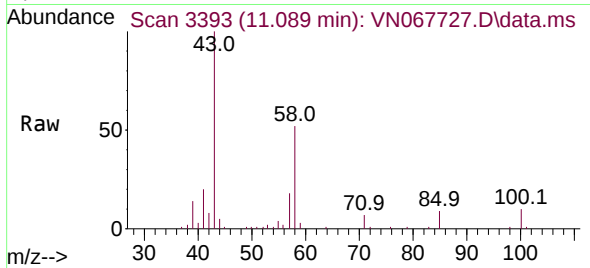
Tgt Ion: 43 Resp: 68515
Ion Ratio Lower Upper
43 100
58 37.3 29.9 44.9
85 17.2 14.1 21.1





#59
2-Hexanone
Concen: 11.060 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. 0.003 min
Lab File: VN067727.D
Acq: 13 Jul 2021 20:14

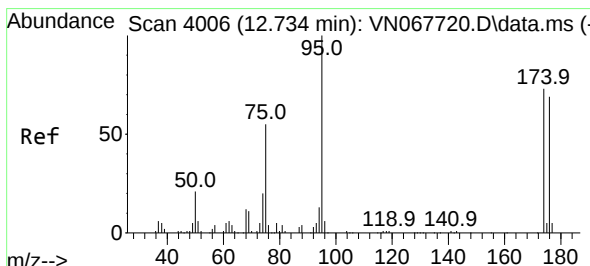
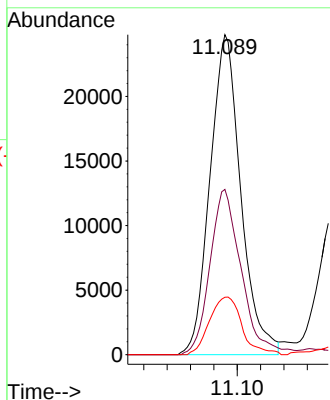
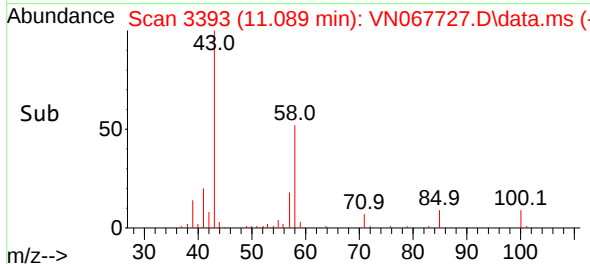
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



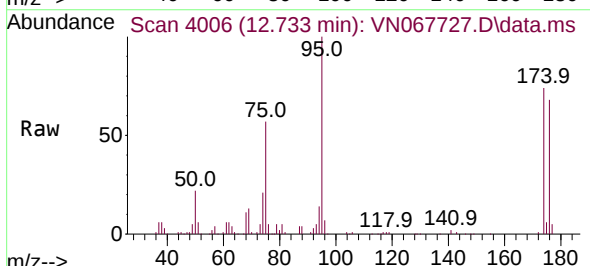
Tgt Ion: 43 Resp: 45397
Ion Ratio Lower Upper
43 100
58 51.9 41.5 62.3
57 19.0 15.1 22.7

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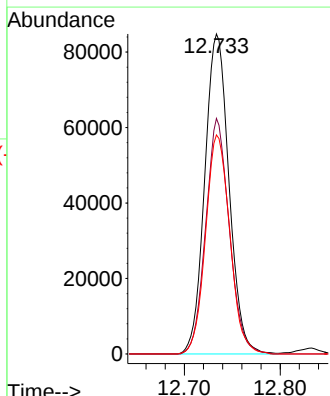
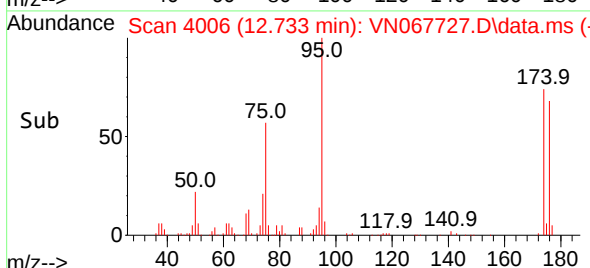
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7/16/2021 10:42:40 AM

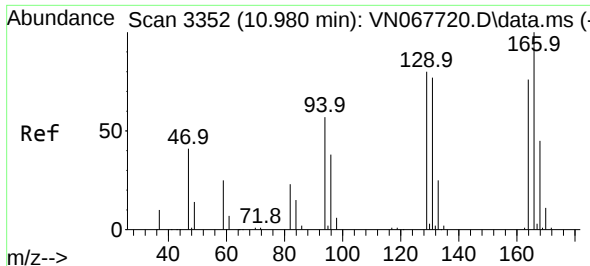


#60
4-Bromofluorobenzene
Concen: 26.912 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN067727.D
Acq: 13 Jul 2021 20:14



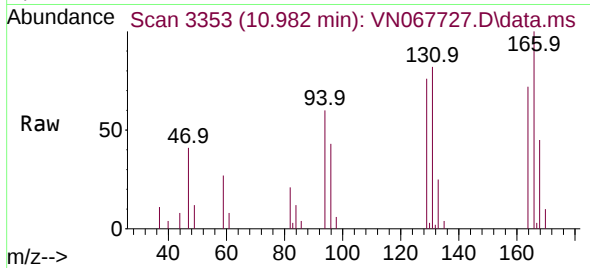
Tgt Ion: 95 Resp: 149007
Ion Ratio Lower Upper
95 100
174 71.6 57.1 85.7
176 68.6 54.6 81.8





#61
Tetrachloroethene
Concen: 2.428 ug/l
RT: 10.982 min Scan# 3353
Delta R.T. 0.003 min
Lab File: VN067727.D
Acq: 13 Jul 2021 20:14

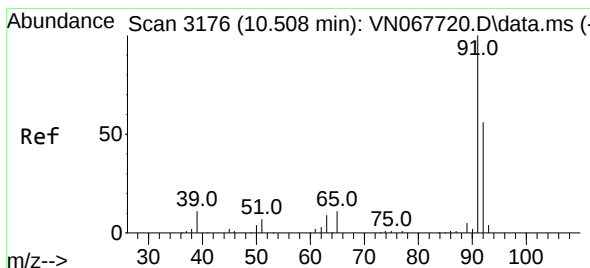
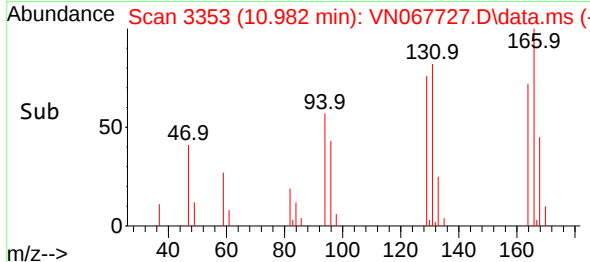
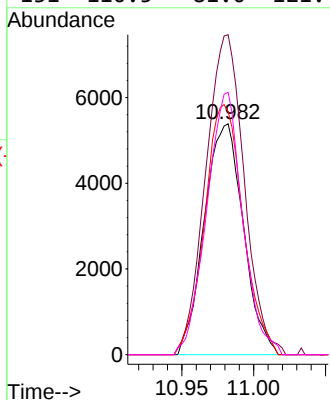
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:164 Resp: 10169
Ion Ratio Lower Upper
164 100
166 135.5 105.5 158.3
129 105.2 84.5 126.7
131 110.5 81.0 121.4

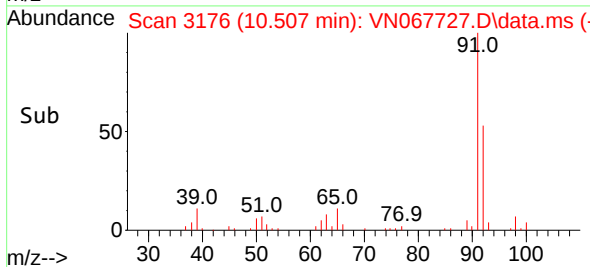
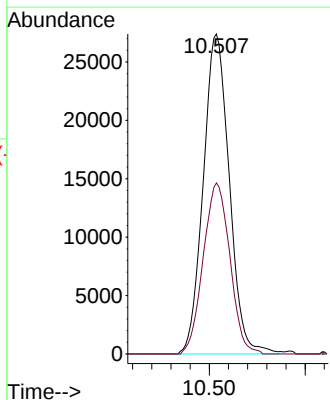
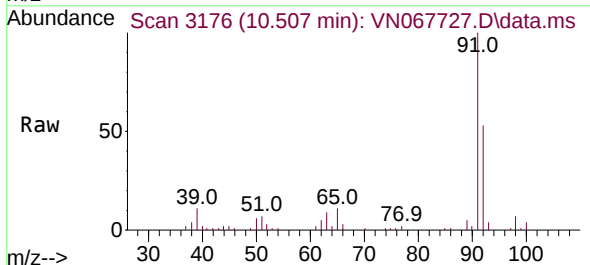
Manual Integrations
APPROVED

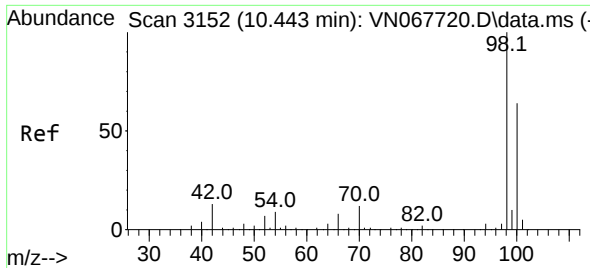
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#62
Toluene
Concen: 2.579 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. -0.000 min
Lab File: VN067727.D
Acq: 13 Jul 2021 20:14

Tgt Ion: 91 Resp: 51724
Ion Ratio Lower Upper
91 100
92 54.7 44.8 67.2





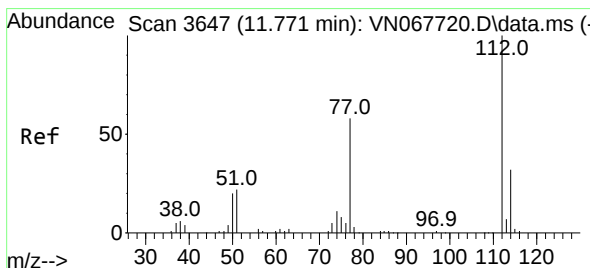
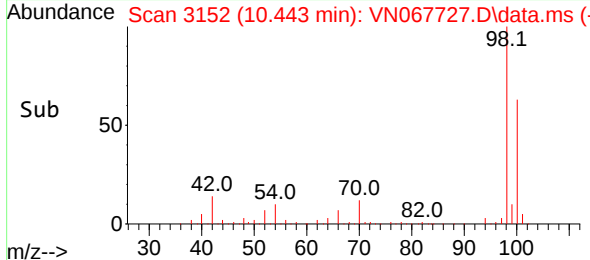
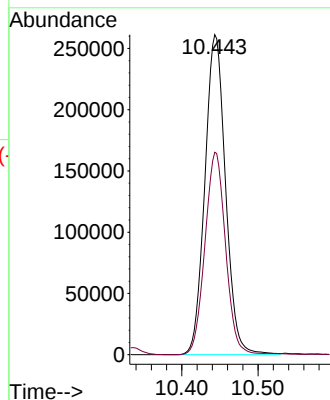
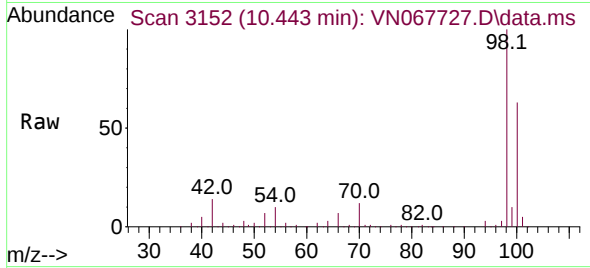
#63
Toluene-d8
Concen: 31.360 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN067727.D
Acq: 13 Jul 2021 20:14

Tgt Ion: 98 Resp: 491754
Ion Ratio Lower Upper
98 100
100 63.0 51.0 76.4

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

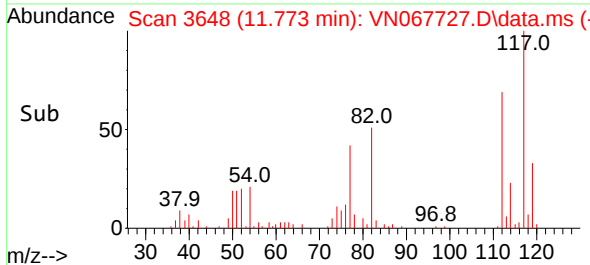
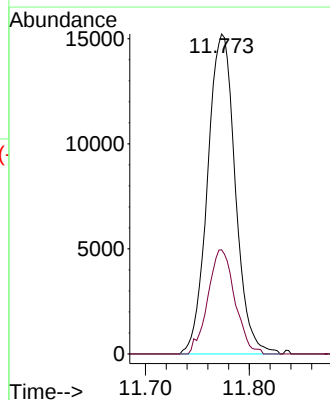
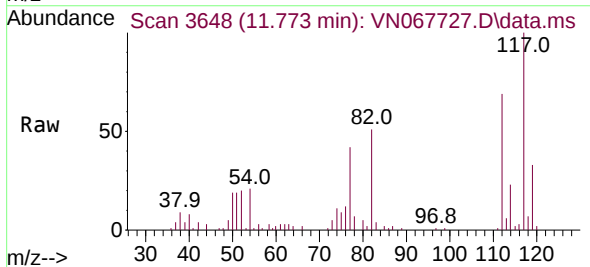
Manual Integrations
APPROVED

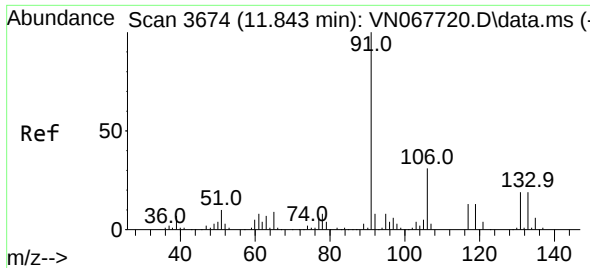
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#64
Chlorobenzene
Concen: 2.349 ug/l
RT: 11.773 min Scan# 3648
Delta R.T. 0.003 min
Lab File: VN067727.D
Acq: 13 Jul 2021 20:14

Tgt Ion: 112 Resp: 28216
Ion Ratio Lower Upper
112 100
114 32.5 25.2 37.8





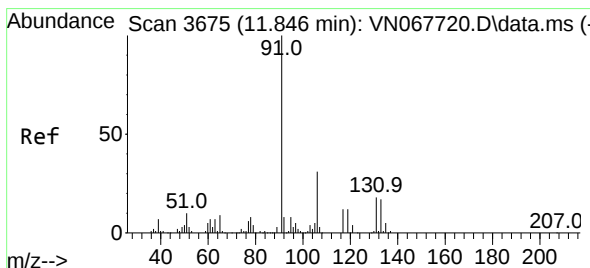
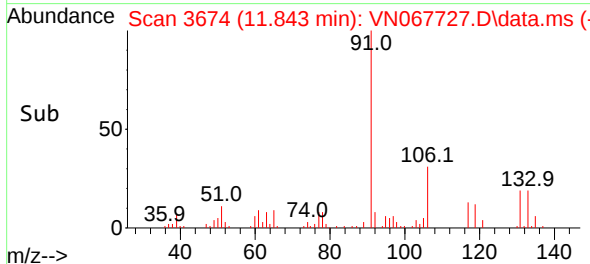
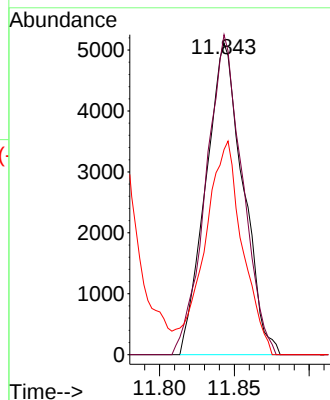
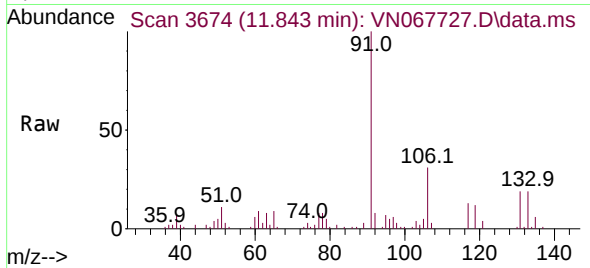
#65
1,1,1,2-Tetrachloroethane
Concen: 2.006 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.000 min
Lab File: VN067727.D
Acq: 13 Jul 2021 20:14

Tgt Ion	Ratio	Lower	Upper
131	100		
133	100.3	0.0	192.6
119	68.2	0.0	133.8

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

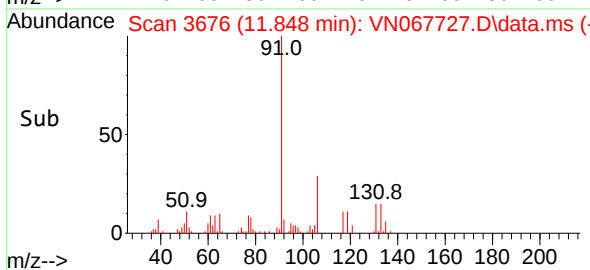
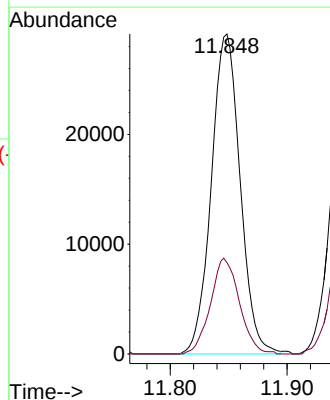
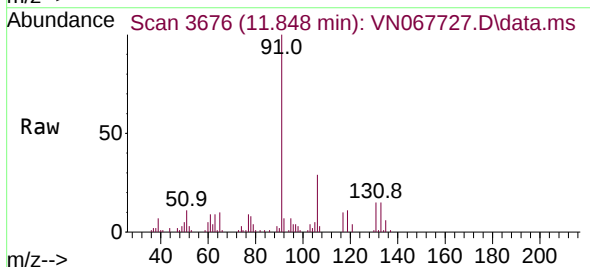
Manual Integrations
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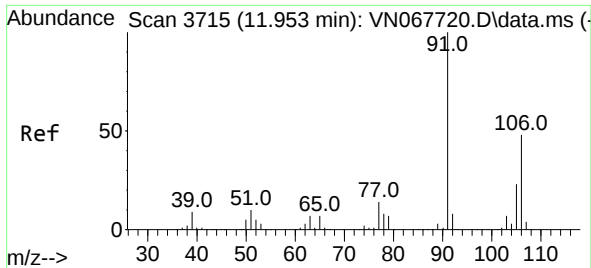
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#66
Ethyl Benzene
Concen: 2.250 ug/l
RT: 11.848 min Scan# 3676
Delta R.T. 0.003 min
Lab File: VN067727.D
Acq: 13 Jul 2021 20:14

Tgt Ion	Ratio	Lower	Upper
91	100		
106	28.6	24.6	37.0





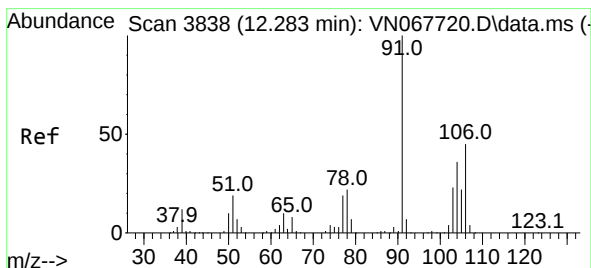
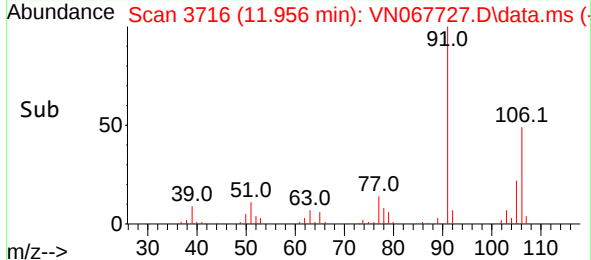
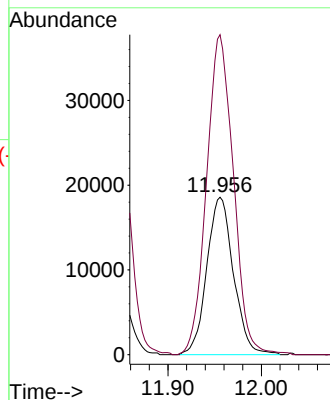
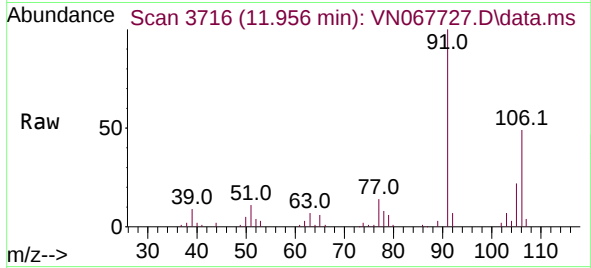
#67
m/p-Xylenes
Concen: 4.359 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.003 min
Lab File: VN067727.D
Acq: 13 Jul 2021 20:14

Tgt Ion:106 Resp: 36892
Ion Ratio Lower Upper
106 100
91 204.6 166.6 250.0

Instrument :
MSVOA_N
ClientSampleId :
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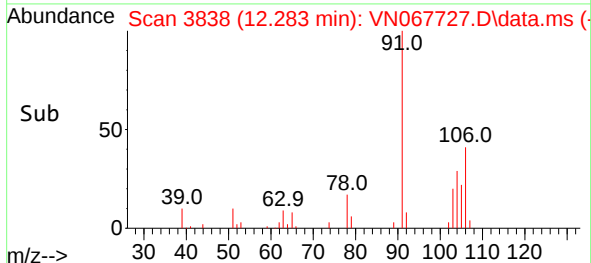
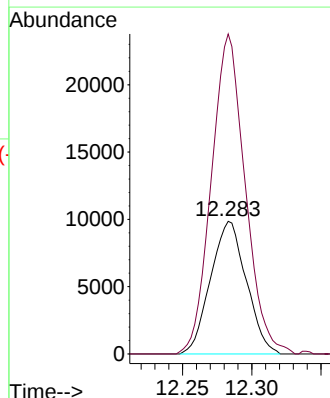
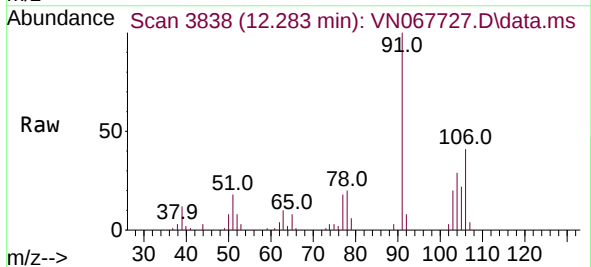
Manual Integrations
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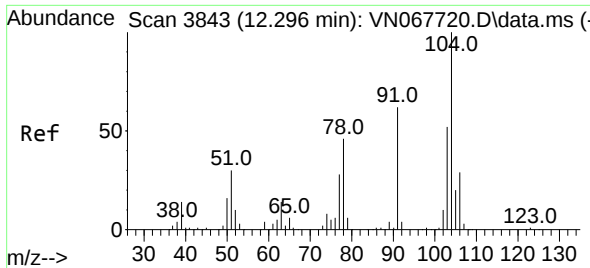
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#68
o-Xylene
Concen: 2.122 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. -0.000 min
Lab File: VN067727.D
Acq: 13 Jul 2021 20:14

Tgt Ion:106 Resp: 17726
Ion Ratio Lower Upper
106 100
91 227.6 109.6 328.8





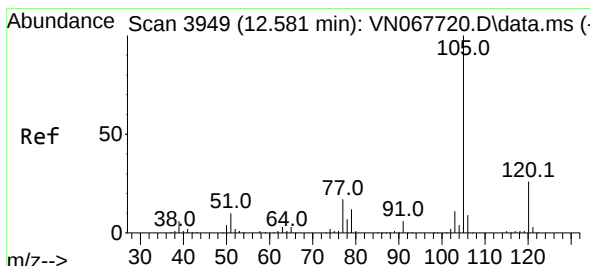
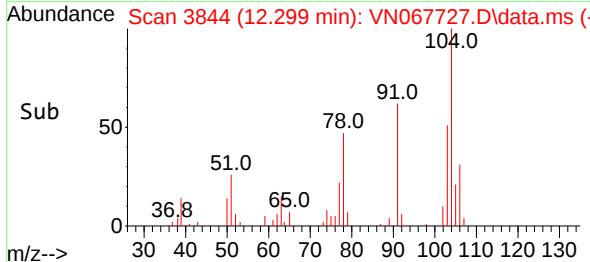
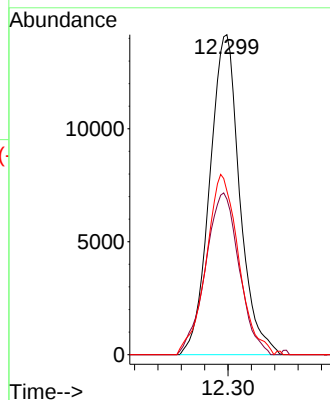
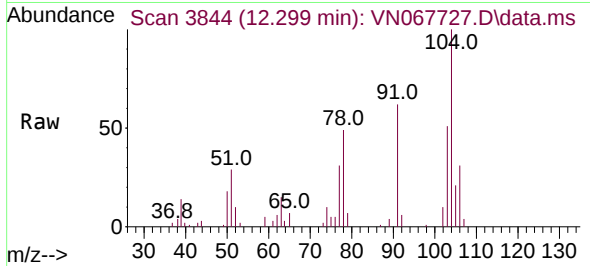
#69
Styrene
Concen: 1.828 ug/l
RT: 12.299 min Scan# 3844
Delta R.T. 0.003 min
Lab File: VN067727.D
Acq: 13 Jul 2021 20:14

Tgt Ion	Ratio	Lower	Upper
104	100		
78	56.6	40.8	61.2
103	61.0	44.9	67.3

Instrument :
MSVOA_N
ClientSampleId :
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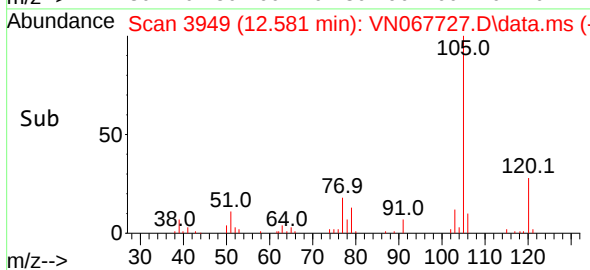
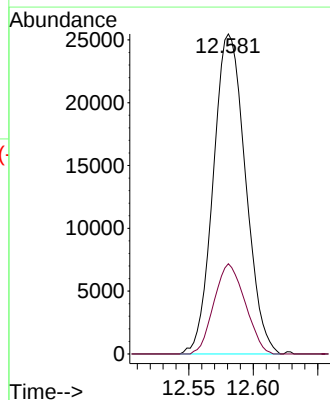
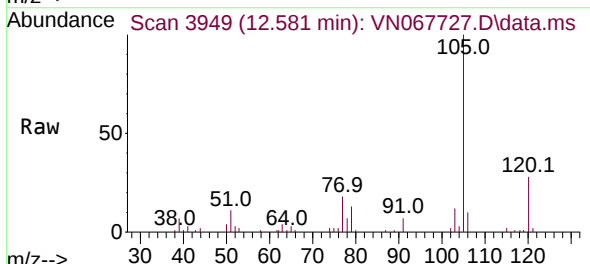
Manual Integrations
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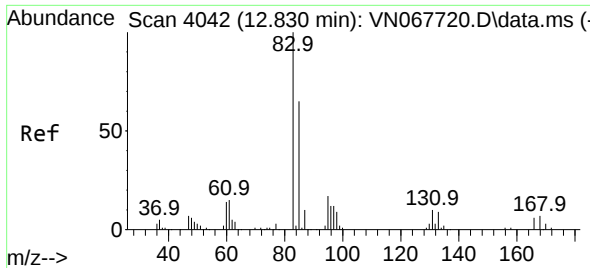
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#70
Isopropylbenzene
Concen: 2.052 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. -0.000 min
Lab File: VN067727.D
Acq: 13 Jul 2021 20:14

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.2	17.9	33.3





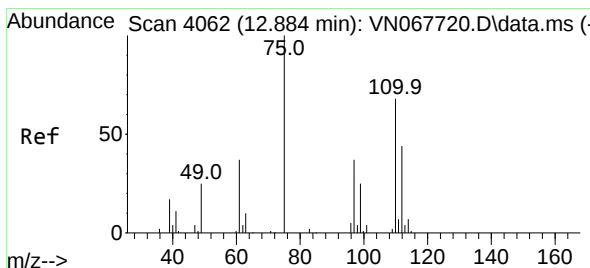
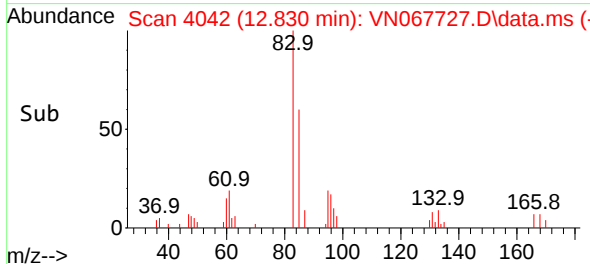
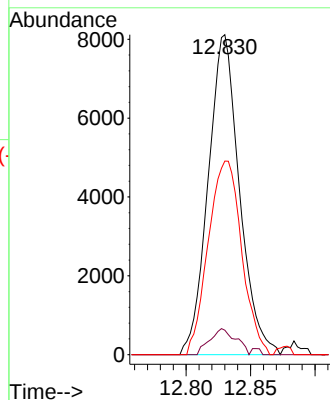
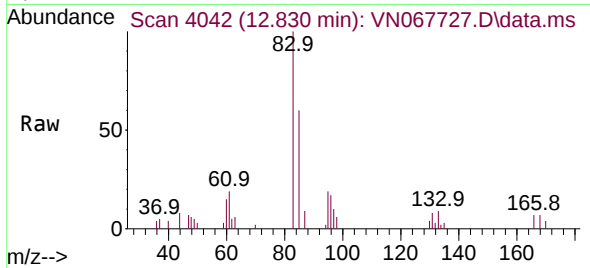
#71
1,1,2,2-Tetrachloroethane
Concen: 2.238 ug/l
RT: 12.830 min Scan# 4042
Delta R.T. -0.000 min
Lab File: VN067727.D
Acq: 13 Jul 2021 20:14

Tgt Ion	Ratio	Lower	Upper
83	100		
131	5.7	5.2	15.6
85	64.6	32.0	96.0

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

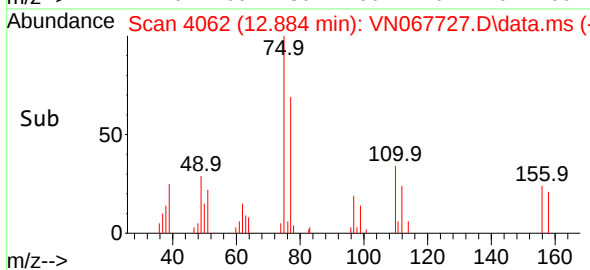
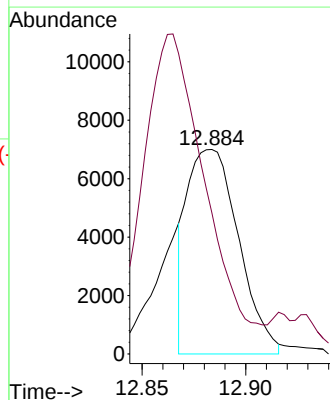
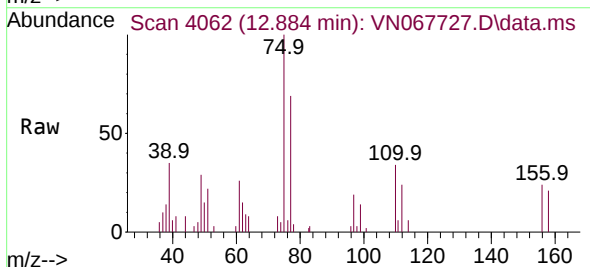
Manual Integrations
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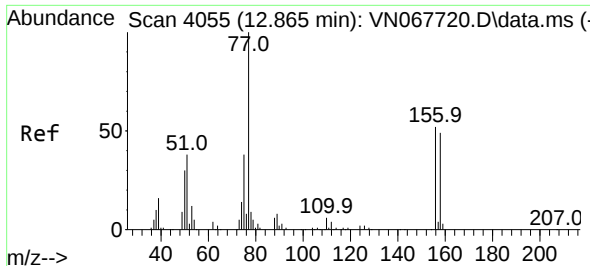
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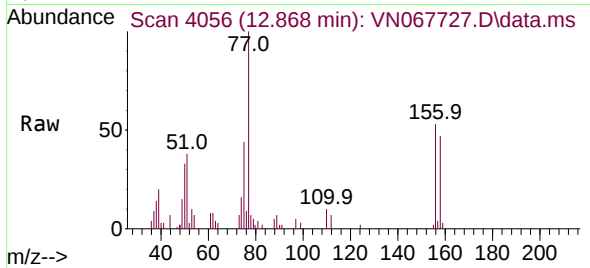
#72
1,2,3-Trichloropropane
Concen: 2.375 ug/l m
RT: 12.884 min Scan# 4062
Delta R.T. -0.000 min
Lab File: VN067727.D
Acq: 13 Jul 2021 20:14

Tgt Ion	Ratio	Lower	Upper
75	100		
77	191.1	0.0	365.2

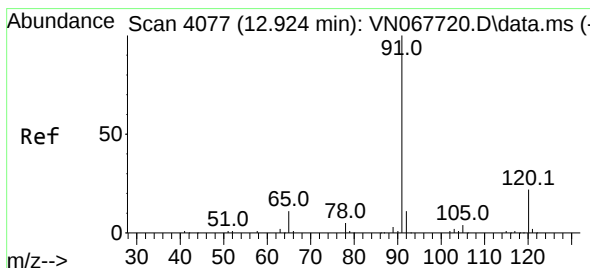
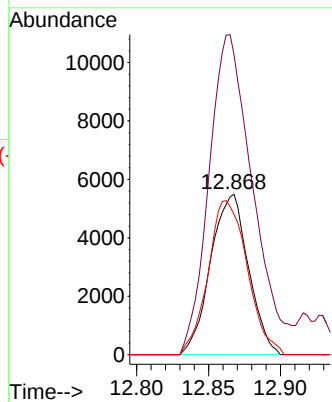
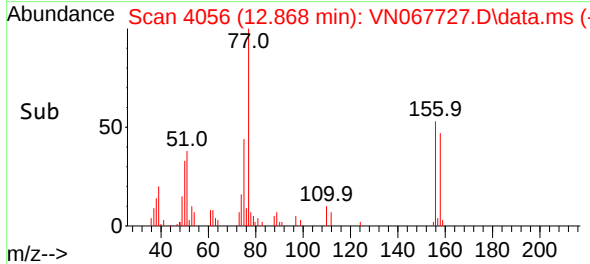




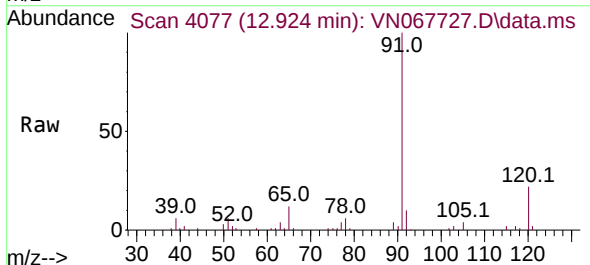
#73
Bromobenzene
Concen: 2.025 ug/l
RT: 12.868 min Scan# 4056
Delta R.T. 0.003 min
Lab File: VN067727.D
Acq: 13 Jul 2021 20:14



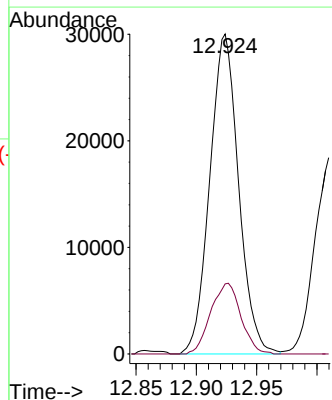
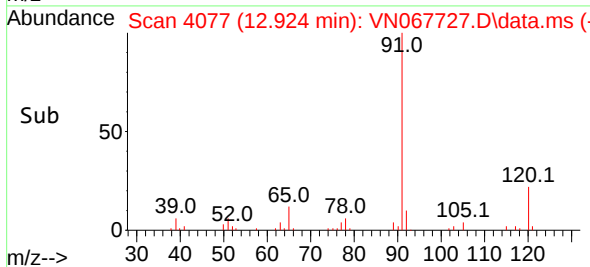
Tgt Ion:156 Resp: 10037
Ion Ratio Lower Upper
156 100
77 230.1 0.0 436.4
158 99.7 0.0 191.4



#74
n-propylbenzene
Concen: 2.018 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. -0.000 min
Lab File: VN067727.D
Acq: 13 Jul 2021 20:14



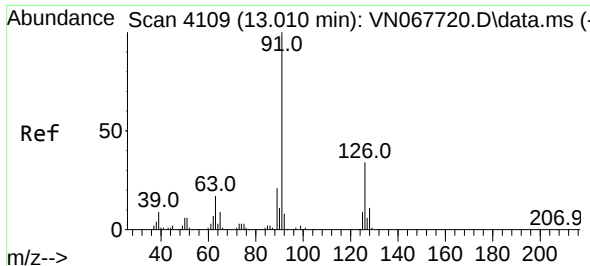
Tgt Ion: 91 Resp: 49868
Ion Ratio Lower Upper
91 100
120 23.1 0.0 44.2



Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

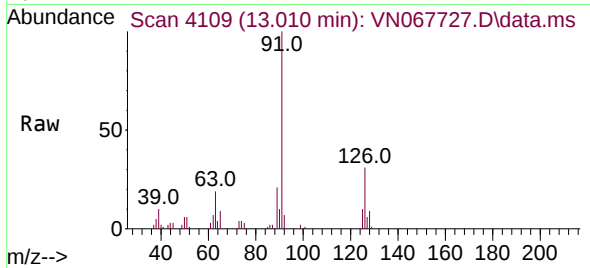
Manual Integrations
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#75
2-Chlorotoluene
Concen: 2.101 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. -0.000 min
Lab File: VN067727.D
Acq: 13 Jul 2021 20:14

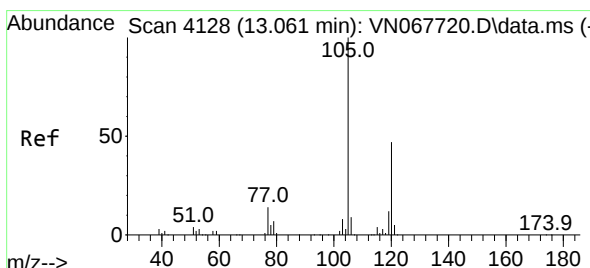
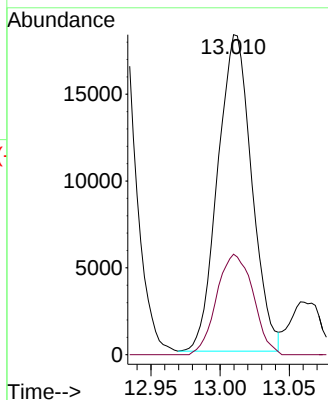
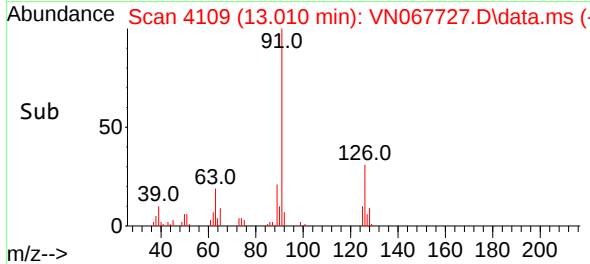
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



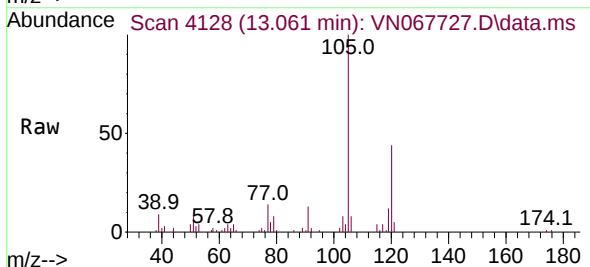
Tgt Ion: 91 Resp: 31157
Ion Ratio Lower Upper
91 100
126 34.0 0.0 66.2

Manual Integrations
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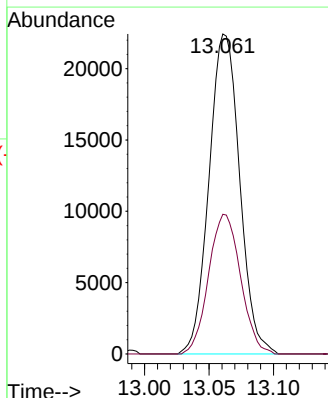
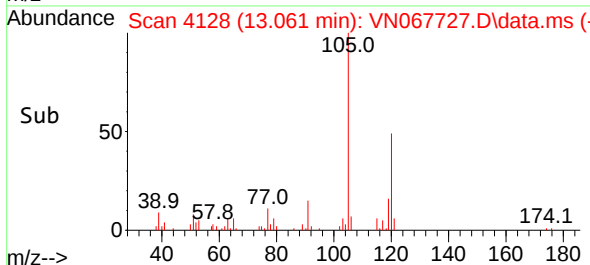
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7/16/2021 10:42:40 AM

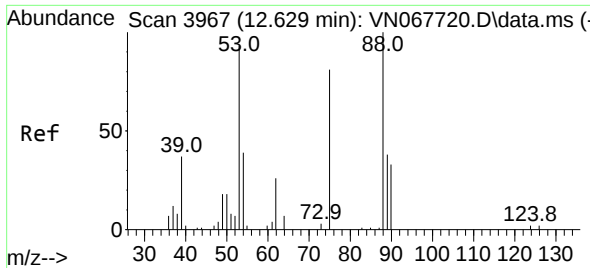


#76
1,3,5-Trimethylbenzene
Concen: 2.089 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN067727.D
Acq: 13 Jul 2021 20:14

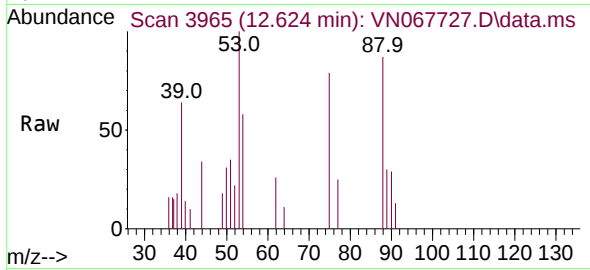


Tgt Ion: 105 Resp: 37083
Ion Ratio Lower Upper
105 100
120 45.5 0.0 96.2



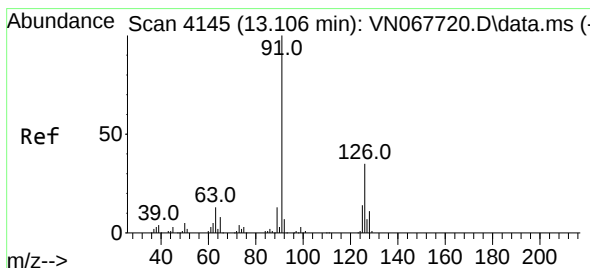
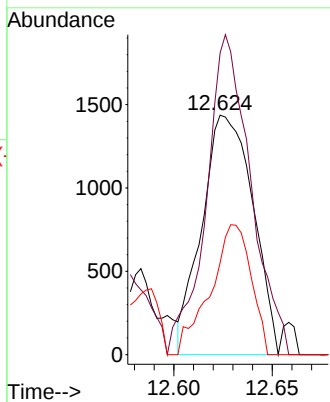
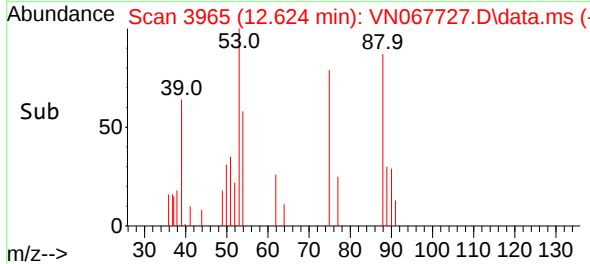


#77
t-1,4-Dichloro-2-butene
Concen: 1.510 ug/l
RT: 12.624 min Scan# 3965
Delta R.T. -0.005 min
Lab File: VN067727.D
Acq: 13 Jul 2021 20:14

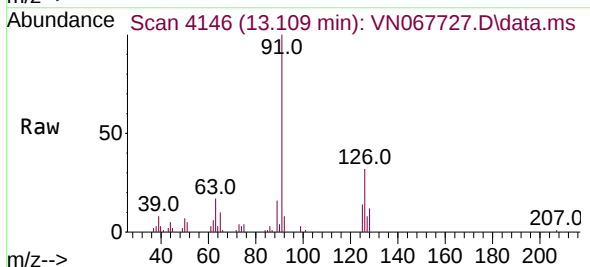


Tgt Ion: 75 Resp: 2593

Ion	Ratio	Lower	Upper
75	100		
53	110.4	57.0	171.0
89	38.4	24.7	74.1

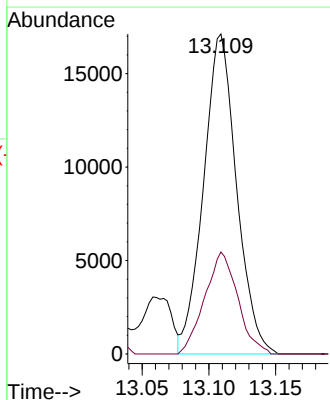
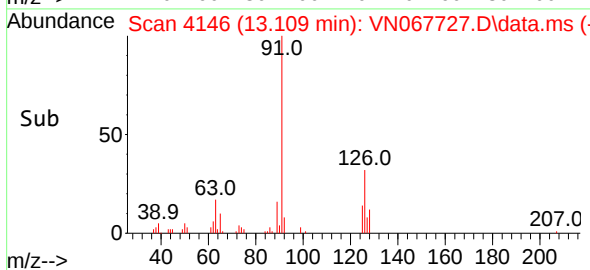


#78
4-Chlorotoluene
Concen: 1.991 ug/l
RT: 13.109 min Scan# 4146
Delta R.T. 0.003 min
Lab File: VN067727.D
Acq: 13 Jul 2021 20:14



Tgt Ion: 91 Resp: 29430

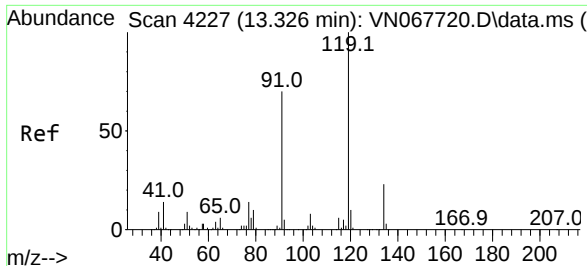
Ion	Ratio	Lower	Upper
91	100		
126	31.9	0.0	66.4



Instrument :
MSVOA_N
ClientSampleId :
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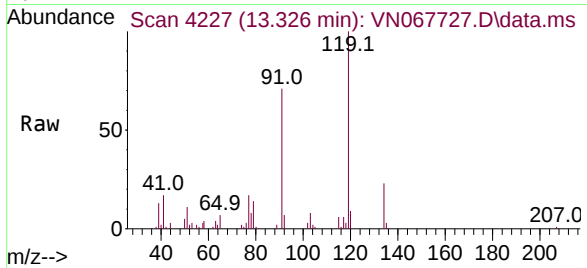
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#79
tert-butylbenzene
Concen: 1.943 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. -0.000 min
Lab File: VN067727.D
Acq: 13 Jul 2021 20:14

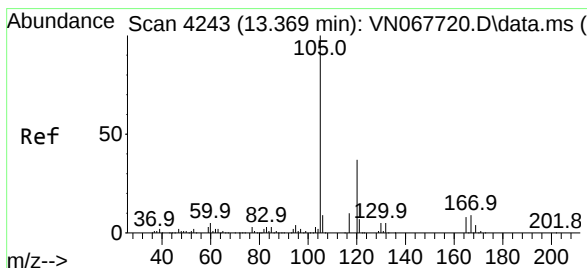
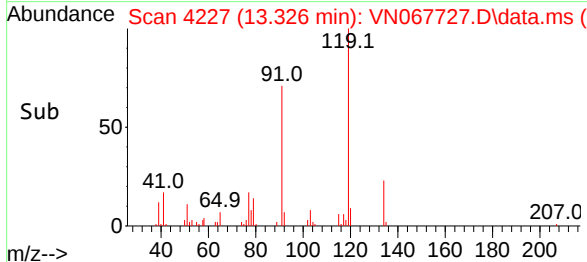
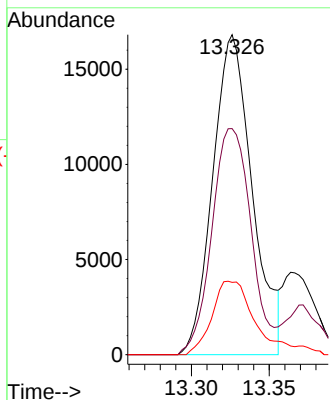
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



Tgt Ion	Ratio	Lower	Upper
119	100		
91	70.0	0.0	137.2
134	24.8	0.0	50.2

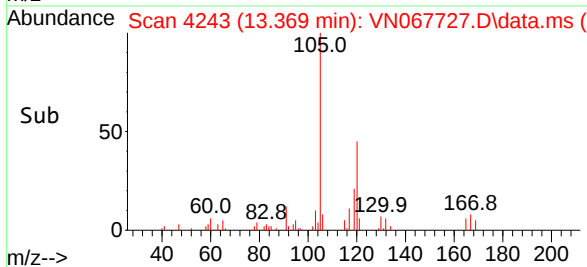
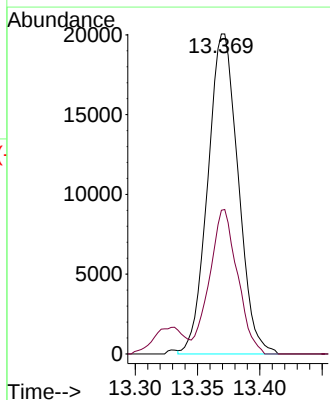
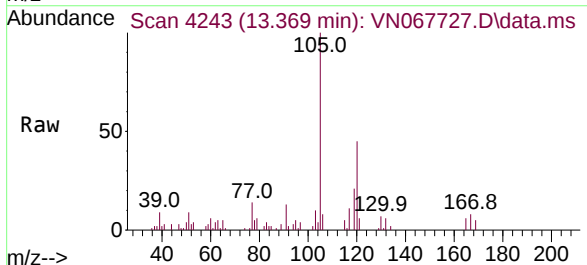
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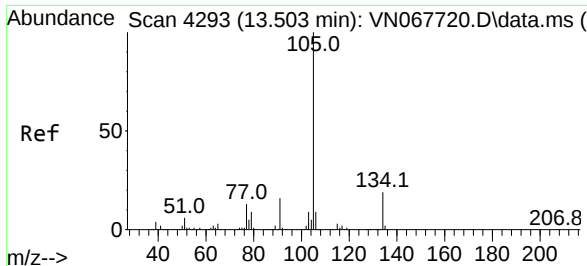
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#80
1,2,4-Trimethylbenzene
Concen: 1.930 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. -0.000 min
Lab File: VN067727.D
Acq: 13 Jul 2021 20:14

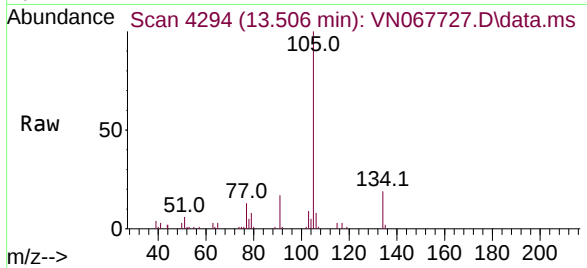
Tgt Ion	Ratio	Lower	Upper
105	100		
120	41.5	0.0	0.2#





#81
 sec-Butylbenzene
 Concen: 1.966 ug/l
 RT: 13.506 min Scan# 4294
 Delta R.T. 0.003 min
 Lab File: VN067727.D
 Acq: 13 Jul 2021 20:14

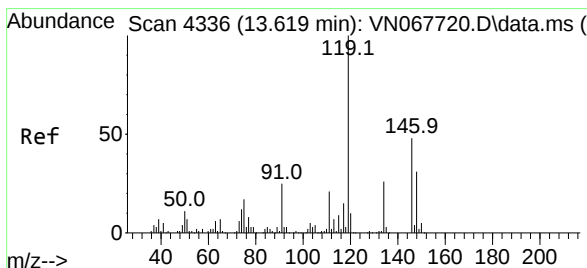
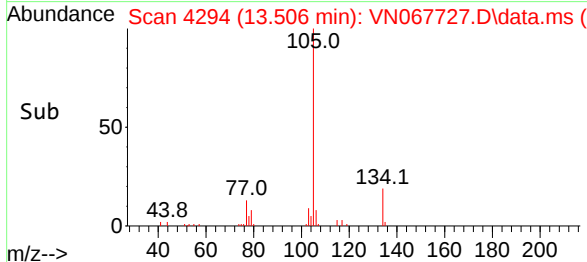
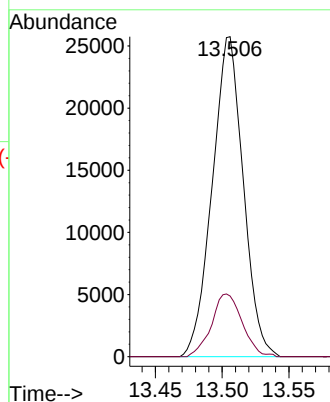
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2021



Tgt Ion:105 Resp: 41573
 Ion Ratio Lower Upper
 105 100
 134 19.3 0.0 38.4

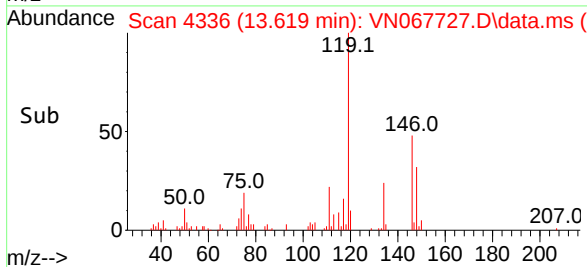
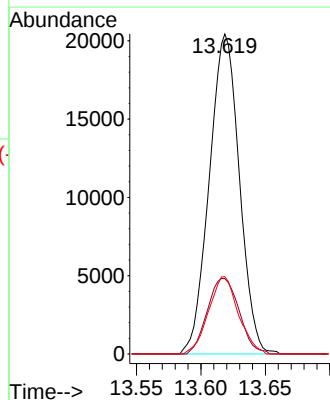
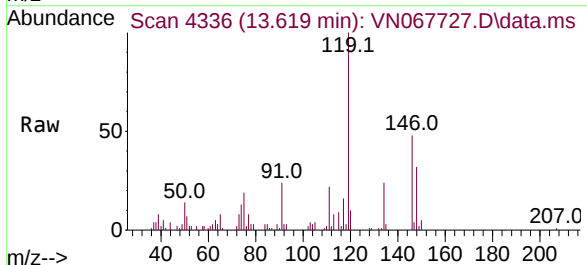
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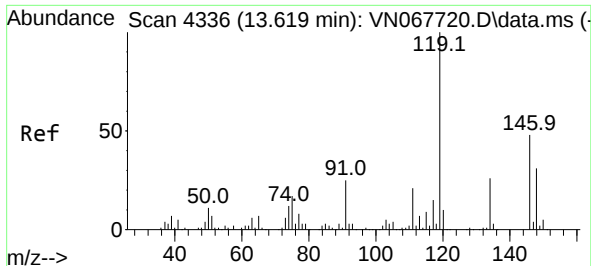
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#82
 p-Isopropyltoluene
 Concen: 1.882 ug/l
 RT: 13.619 min Scan# 4336
 Delta R.T. -0.000 min
 Lab File: VN067727.D
 Acq: 13 Jul 2021 20:14

Tgt Ion:119 Resp: 33126
 Ion Ratio Lower Upper
 119 100
 134 24.9 0.0 51.0
 91 24.0 0.0 50.6





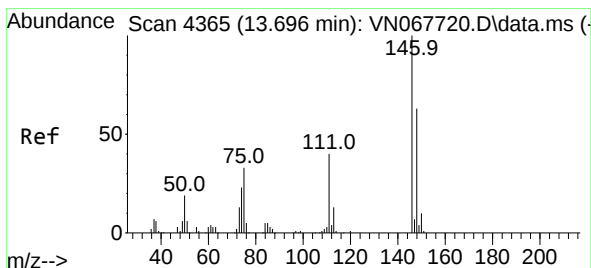
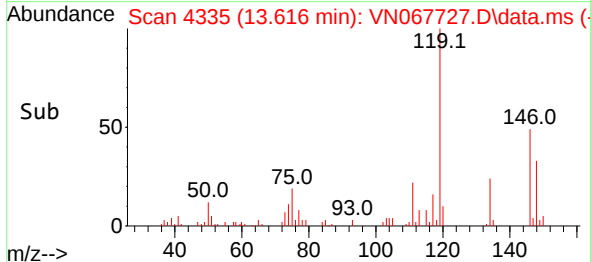
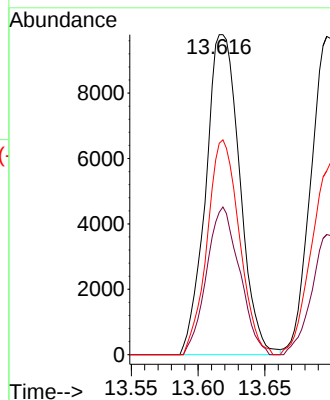
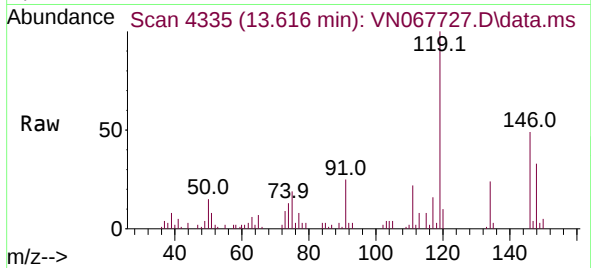
#83
1,3-Dichlorobenzene
Concen: 1.875 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. -0.003 min
Lab File: VN067727.D
Acq: 13 Jul 2021 20:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.7	21.1	63.1
148	63.4	31.9	95.7

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

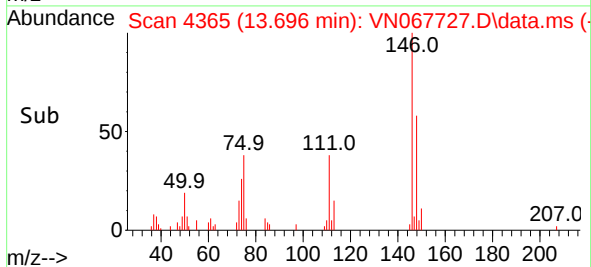
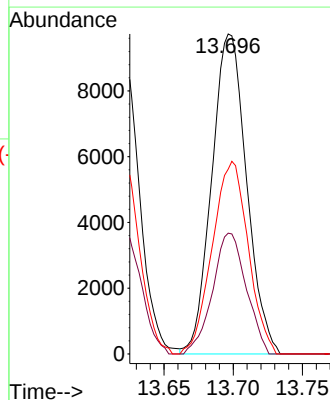
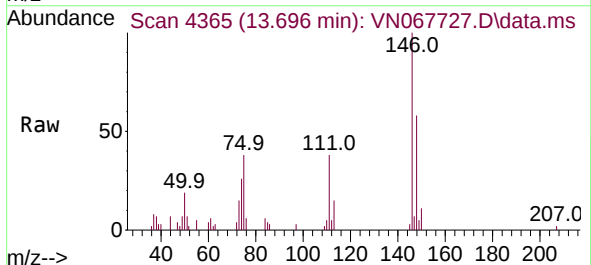
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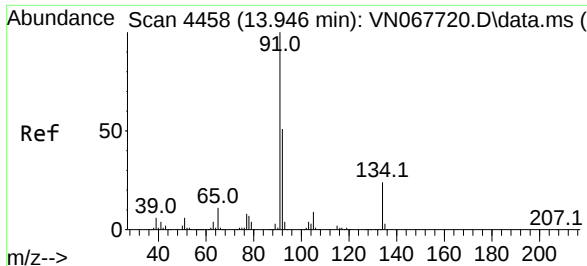
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#84
1,4-Dichlorobenzene
Concen: 1.889 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. -0.000 min
Lab File: VN067727.D
Acq: 13 Jul 2021 20:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.4	20.0	59.9
148	62.0	31.8	95.3





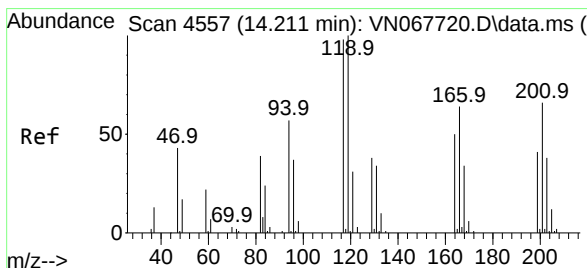
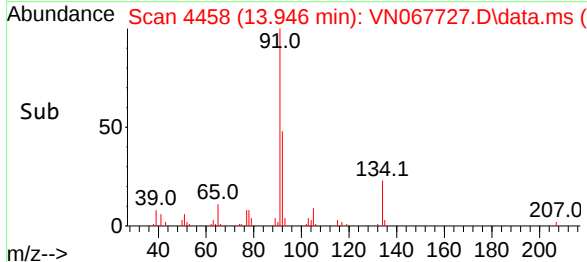
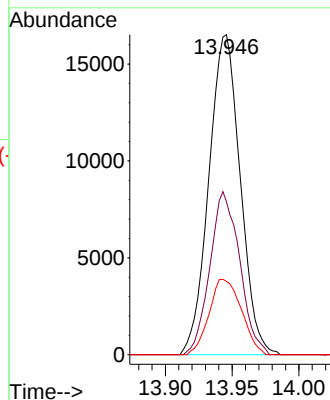
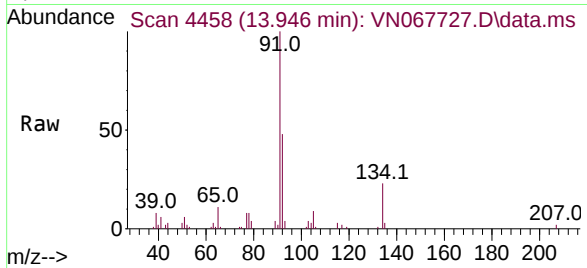
#85
n-Butylbenzene
Concen: 1.851 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. -0.000 min
Lab File: VN067727.D
Acq: 13 Jul 2021 20:14

Tgt Ion: 91	Resp: 27024
Ion Ratio	Lower Upper
91 100	
92 48.4	0.0 102.6
134 24.3	0.0 48.6

Instrument :
MSVOA_N
ClientSampleId :
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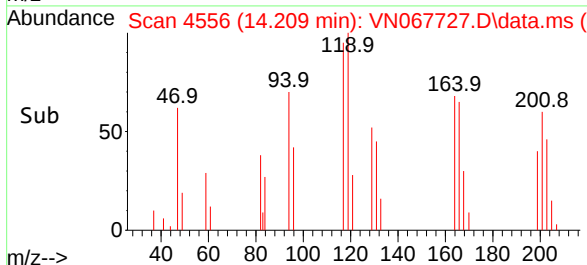
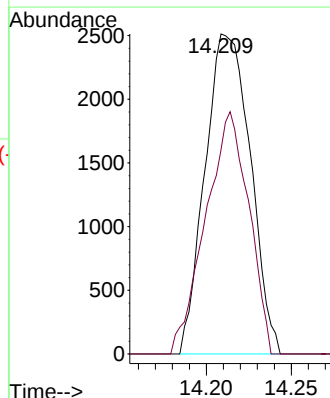
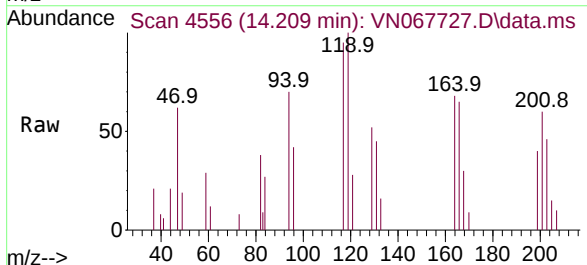
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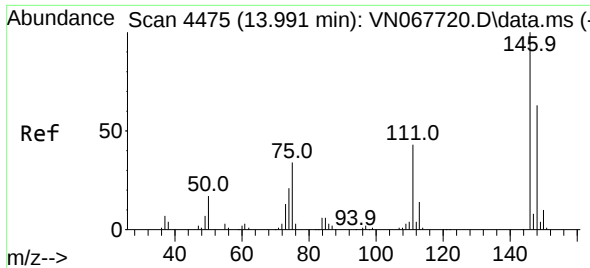
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#86
Hexachloroethane
Concen: 1.594 ug/l
RT: 14.209 min Scan# 4556
Delta R.T. -0.003 min
Lab File: VN067727.D
Acq: 13 Jul 2021 20:14

Tgt Ion:117	Resp:	4666	
Ion	Ratio	Lower	Upper
117	100		
201	72.0	31.8	95.3





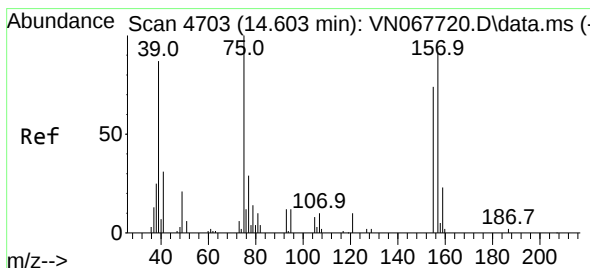
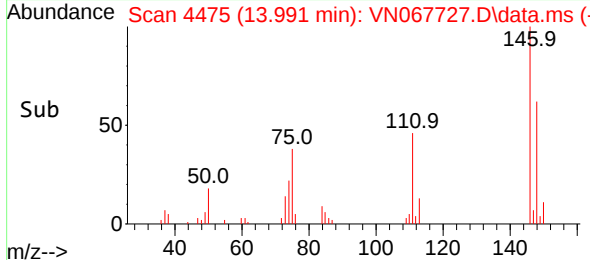
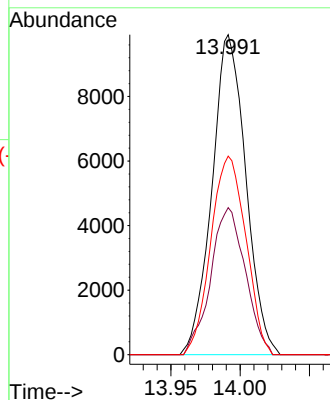
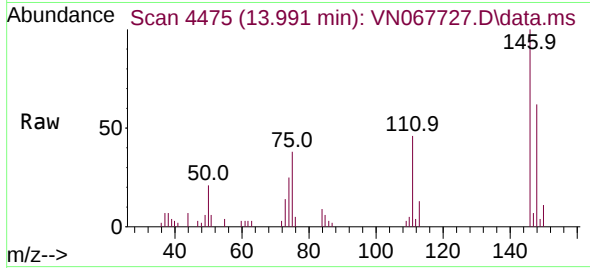
#87
1,2-Dichlorobenzene
Concen: 1.910 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. -0.000 min
Lab File: VN067727.D
Acq: 13 Jul 2021 20:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	47.0	22.0	66.0
148	64.2	31.7	95.1

Instrument :
MSVOA_N
ClientSampleId :
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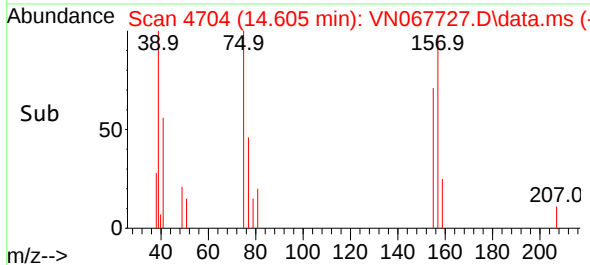
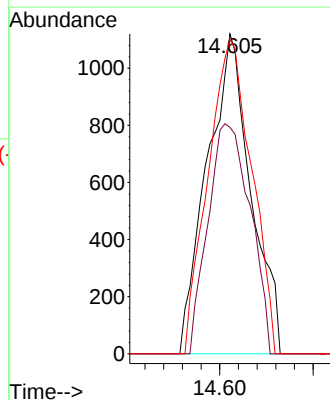
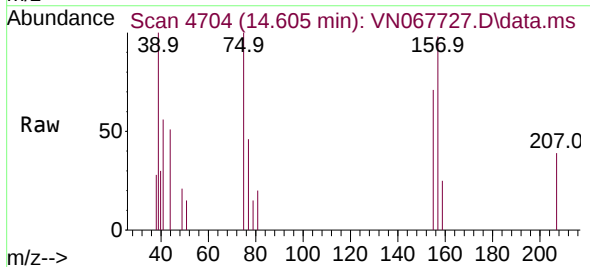
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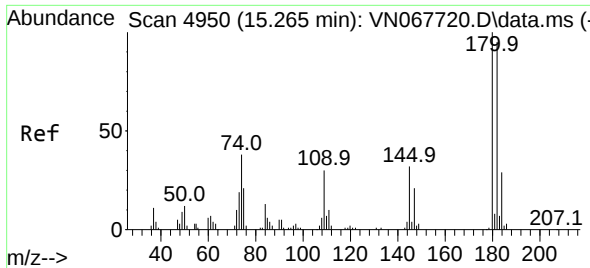
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#88
1,2-Dibromo-3-Chloropropane
Concen: 1.661 ug/l
RT: 14.605 min Scan# 4704
Delta R.T. 0.003 min
Lab File: VN067727.D
Acq: 13 Jul 2021 20:14

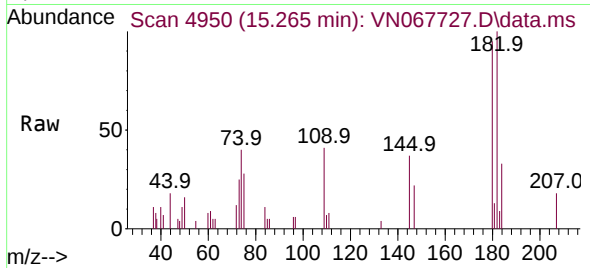
Tgt Ion	Ratio	Lower	Upper
75	100		
155	69.5	59.2	88.8
157	98.1	75.4	113.2





#89
1,2,4-Trichlorobenzene
Concen: 1.648 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. -0.000 min
Lab File: VN067727.D
Acq: 13 Jul 2021 20:14

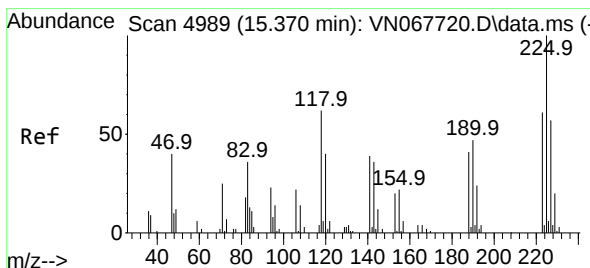
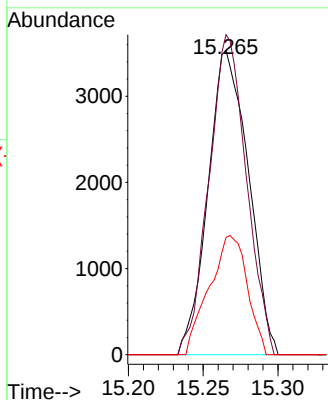
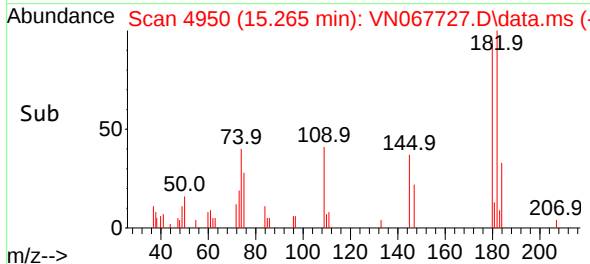
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



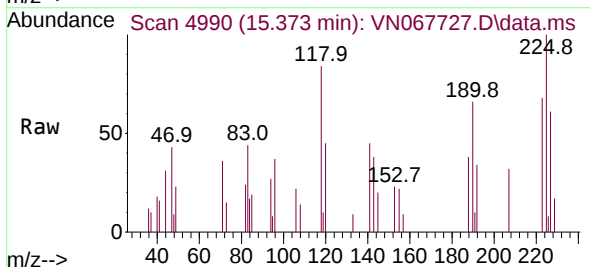
Tgt Ion:180 Resp: 6638
Ion Ratio Lower Upper
180 100
182 97.4 74.5 111.7
145 36.8 25.4 38.0

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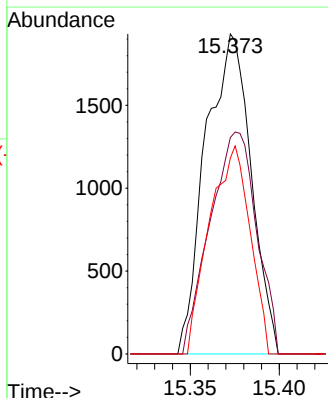
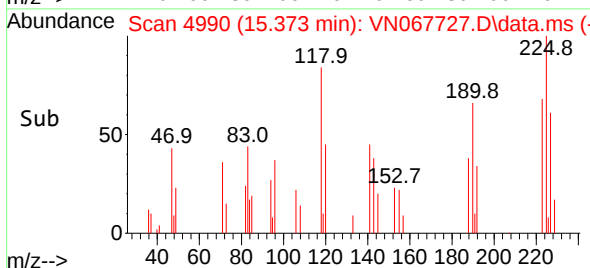
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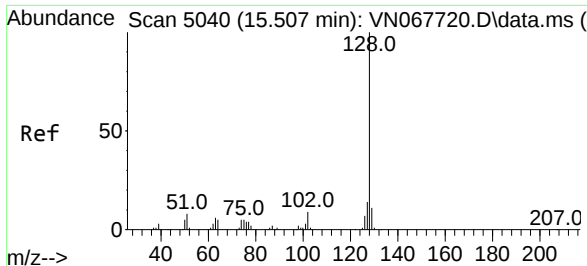


#90
Hexachlorobutadiene
Concen: 1.767 ug/l
RT: 15.373 min Scan# 4990
Delta R.T. 0.003 min
Lab File: VN067727.D
Acq: 13 Jul 2021 20:14



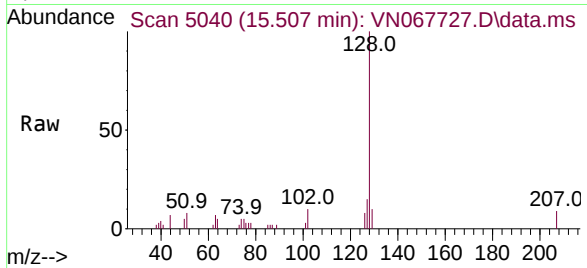
Tgt Ion:225 Resp: 3422
Ion Ratio Lower Upper
225 100
223 71.2 0.0 124.6
227 58.1 0.0 115.6





#91
Naphthalene
Concen: 1.718 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN067727.D
Acq: 13 Jul 2021 20:14

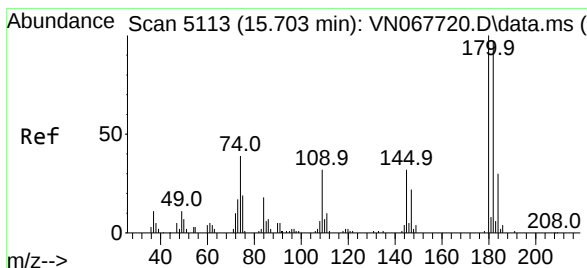
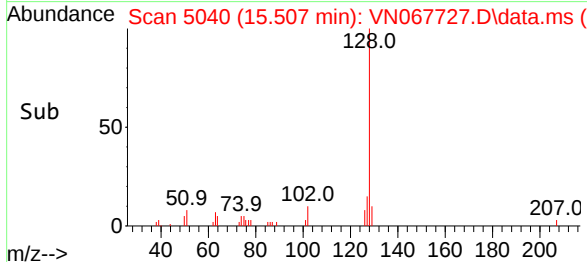
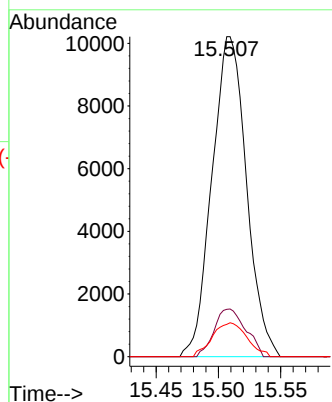
Instrument :
MSVOA_N
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Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.9	16.3
129	10.7	8.7	13.1

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#92
1,2,3-Trichlorobenzene
Concen: 1.750 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. -0.000 min
Lab File: VN067727.D
Acq: 13 Jul 2021 20:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.5	0.0	190.8
145	37.1	0.0	68.2

