

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071521\
 Data File : VN067765.D
 Acq On : 15 Jul 2021 16:31
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

MMDadoda
 7/16/2021 10:40:31 AM

Quant Time: Jul 16 03:02:37 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	7.659	128	72200	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	420422	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.747	117	402849	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.437	65	182783	31.336	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 104.467%			
60) 4-Bromofluorobenzene	12.733	95	192099	29.362	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 97.867%			
63) Toluene-d8	10.443	98	546696	29.505	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 98.367%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	76543	20.745	ug/l	100
3) Chloromethane	2.303	50	93535	20.296	ug/l	99
4) Vinyl Chloride	2.443	62	143208	19.975	ug/l	97
5) Bromomethane	2.856	94	116293	19.481	ug/l	95
6) Chloroethane	3.019	64	105611	19.781	ug/l	98
7) Trichlorofluoromethane	3.371	101	265254	19.939	ug/l	98
8) Diethyl Ether	3.819	74	51861	20.957	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.199	101	78014	20.631	ug/l	97
10) 1,1-Dichloroethene	4.175	96	68087	19.441	ug/l	93
11) Methyl Iodide	4.417	142	86295	18.637	ug/l	99
12) Methyl Acetate	4.854	43	91807	19.205	ug/l	95
13) Acrolein	4.041	56	49032	97.922	ug/l #	42
14) Acrylonitrile	5.557	53	195938	93.215	ug/l	100
15) Acetone	4.285	58	48869	93.787	ug/l	90
16) Carbon Disulfide	4.521	76	178244	19.272	ug/l	97
17) Allyl chloride	4.835	41	117379	19.046	ug/l	97
18) Methylene Chloride	5.098	84	88682	18.297	ug/l	97
19) trans-1,2-Dichloroethene	5.591	96	77295	18.509	ug/l	98
20) Diisopropyl ether	6.495	45	267436	18.327	ug/l	98
21) 1,1-Dichloroethane	6.385	63	150240	18.716	ug/l	98
22) cis-1,2-Dichloroethene	7.324	96	95536	18.539	ug/l	98
23) tert-Butyl Alcohol	5.382	59	72641	93.753	ug/l #	100
24) Methyl tert-Butyl Ether	5.616	73	272061	18.814	ug/l	99
25) Chloroform	7.817	83	169581	18.984	ug/l	99
26) Cyclohexane	8.091	56	126719	18.117	ug/l #	99
29) 1,1-Dichloropropene	8.220	75	120829	18.317	ug/l	100
30) 2-Butanone	7.340	43	270921	88.691	ug/l	99
31) 2,2-Dichloropropane	7.324	77	134923	18.334	ug/l #	80
32) 1,1,1-Trichloroethane	8.013	97	149880	18.503	ug/l	97
33) Carbon Tetrachloride	8.204	117	124497	18.000	ug/l	95
34) Benzene	8.458	78	360017	18.259	ug/l	99
35) Methacrylonitrile	7.638	41	59504	18.950	ug/l	96
36) 1,2-Dichloroethane	8.528	62	134036	18.261	ug/l	98
37) Trichloroethene	9.215	130	92234	18.006	ug/l	96
38) Methylcyclohexane	9.459	83	131465	17.994	ug/l	99
39) 1,2-Dichloropropane	9.491	63	90358	17.970	ug/l	99
40) Dibromomethane	9.579	93	64496	17.837	ug/l	98
41) Bromodichloromethane	9.762	83	129845	18.294	ug/l	99
42) Vinyl Acetate	6.434	43	1128884	92.894	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.415	43	99692	16.143	ug/l	99
44) Isopropyl Acetate	8.563	43	197619	17.624	ug/l	98
45) 1,4-Dioxane	9.574	88	31097	366.221	ug/l	96
46) Methyl methacrylate	9.561	41	85624	17.689	ug/l	99
47) n-amyl Acetate	12.390	43	160859	17.476	ug/l	99
48) t-1,3-Dichloropropene	10.719	75	133724	17.483	ug/l	94
49) cis-1,3-Dichloropropene	10.191	75	144904	17.847	ug/l	97
50) 1,1,2-Trichloroethane	10.899	97	90835	17.604	ug/l	96
51) Ethyl methacrylate	10.762	69	140775	17.544	ug/l	95
52) 1,3-Dichloropropane	11.047	76	152862	17.916	ug/l	99
53) Dibromochloromethane	11.240	129	92988	17.215	ug/l	100
54) 1,2-Dibromoethane	11.347	107	95087	17.865	ug/l	100
55) 2-Chloroethyl vinyl ether	10.043	63	244356	157.451	ug/l	98
56) Bromoform	12.460	173	59927	15.835	ug/l #	100
58) 4-Methyl-2-Pentanone	10.333	43	608349	87.946	ug/l	99
59) 2-Hexanone	11.087	43	423648	87.349	ug/l	99
61) Tetrachloroethene	10.979	164	92599	18.712	ug/l	96
62) Toluene	10.507	91	411972	17.386	ug/l	98
64) Chlorobenzene	11.773	112	247750	17.458	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.843	131	91674	17.534	ug/l	99
66) Ethyl Benzene	11.846	91	457966	17.466	ug/l	99
67) m/p-Xylenes	11.956	106	351471	35.143	ug/l	99
68) o-Xylene	12.283	106	173730	17.598	ug/l	98
69) Styrene	12.296	104	283440	17.362	ug/l	100
70) Isopropylbenzene	12.581	105	450707	17.691	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.830	83	127029	17.562	ug/l	99
72) 1,2,3-Trichloropropane	12.884	75	115459m	19.200	ug/l	
73) Bromobenzene	12.862	156	99246	16.949	ug/l	99
74) n-propylbenzene	12.924	91	527488	18.069	ug/l	100
75) 2-Chlorotoluene	13.010	91	310162	17.702	ug/l	98
76) 1,3,5-Trimethylbenzene	13.061	105	378141	18.028	ug/l	99
77) t-1,4-Dichloro-2-butene	12.626	75	33554	16.534	ug/l	94
78) 4-Chlorotoluene	13.106	91	314829	18.022	ug/l	99
79) tert-butylbenzene	13.326	119	318669	17.694	ug/l	99
80) 1,2,4-Trimethylbenzene	13.369	105	375213m	18.014	ug/l	
81) sec-Butylbenzene	13.503	105	450076	18.015	ug/l	99
82) p-Isopropyltoluene	13.619	119	368944	17.743	ug/l	99
83) 1,3-Dichlorobenzene	13.619	146	189920	17.367	ug/l	100
84) 1,4-Dichlorobenzene	13.696	146	185805	17.443	ug/l	100
85) n-Butylbenzene	13.946	91	313149	18.153	ug/l	99
86) Hexachloroethane	14.214	117	61321	17.727	ug/l	99
87) 1,2-Dichlorobenzene	13.991	146	184010	17.625	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.605	75	23900	18.468	ug/l	99
89) 1,2,4-Trichlorobenzene	15.265	180	86239	18.117	ug/l	99
90) Hexachlorobutadiene	15.373	225	39194	17.130	ug/l	96
91) Naphthalene	15.507	128	261636	19.347	ug/l	99
92) 1,2,3-Trichlorobenzene	15.705	180	82759	18.147	ug/l	99

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

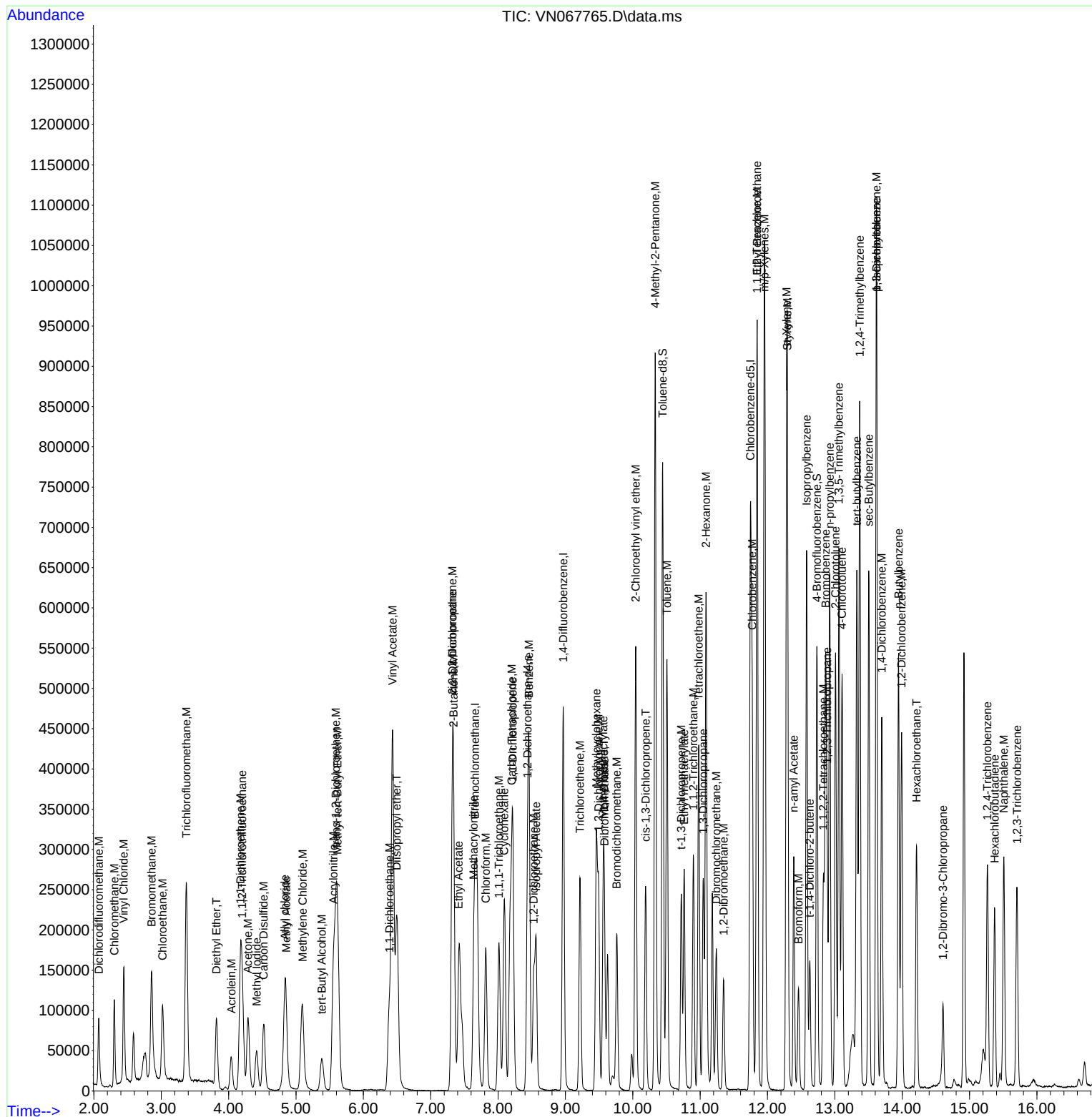
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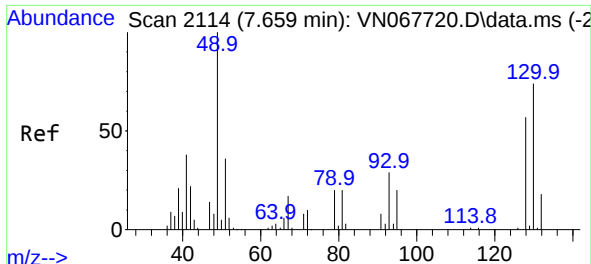
Instrument :
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ClientSampleId :
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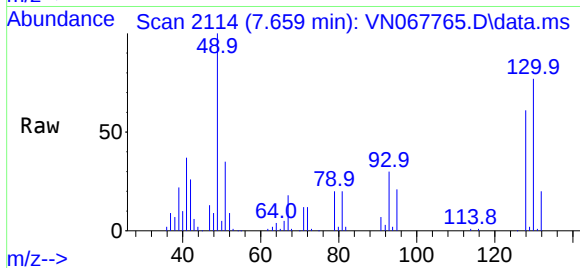
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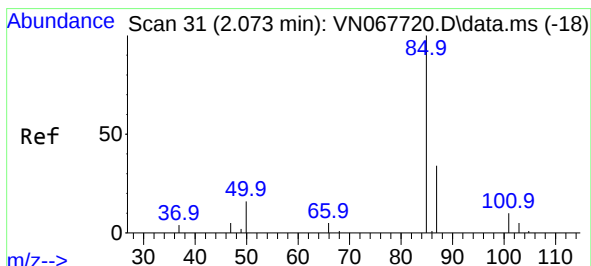
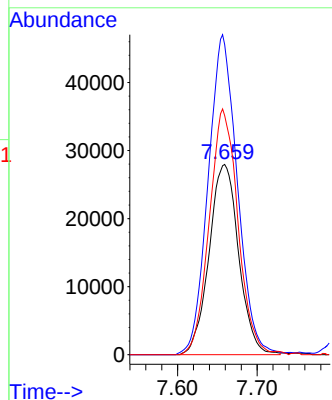
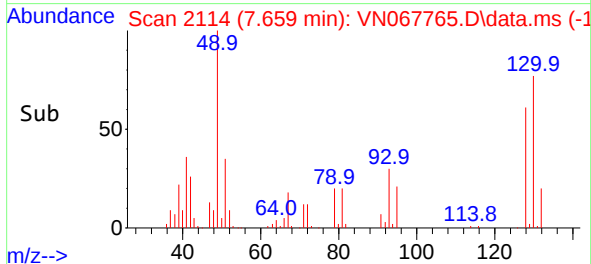




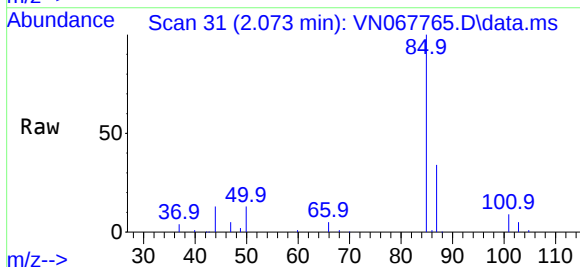
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VN067765.D
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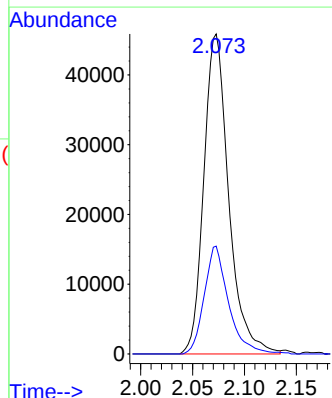
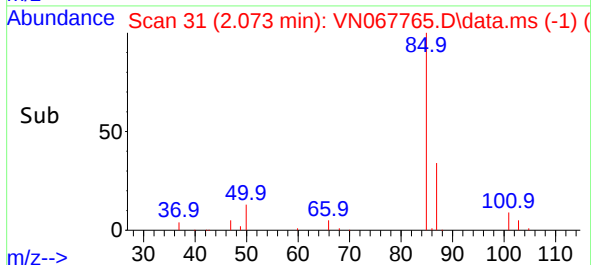
Tgt Ion:128 Resp: 72200
Ion Ratio Lower Upper
128 100
49 165.5 0.0 433.0
130 124.9 0.0 323.8



#2
Dichlorodifluoromethane
Concen: 20.745 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN067765.D
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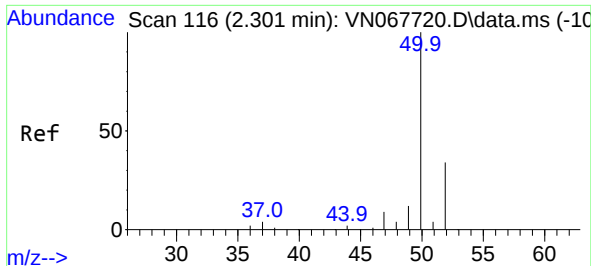
Tgt Ion: 85 Resp: 76543
Ion Ratio Lower Upper
85 100
87 33.7 17.0 50.9



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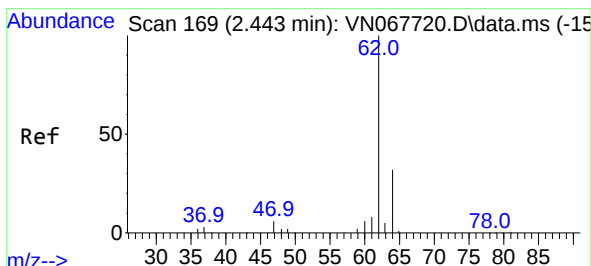
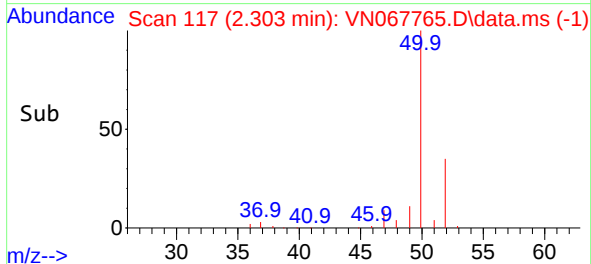
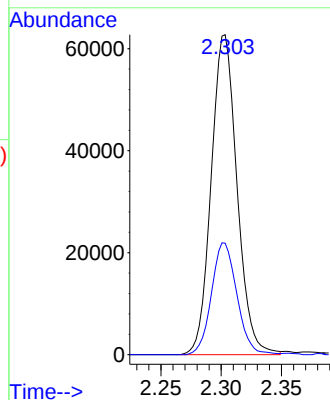
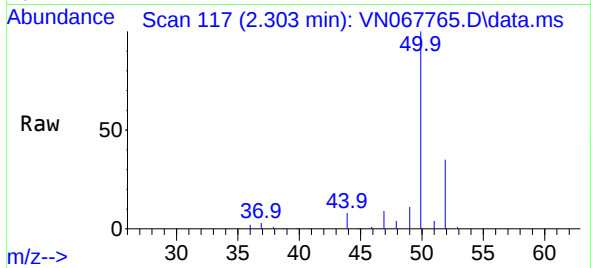
#3
Chloromethane
Concen: 20.296 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.003 min
Lab File: VN067765.D
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Tgt Ion: 50 Resp: 93535
Ion Ratio Lower Upper
50 100
52 34.8 27.2 40.8

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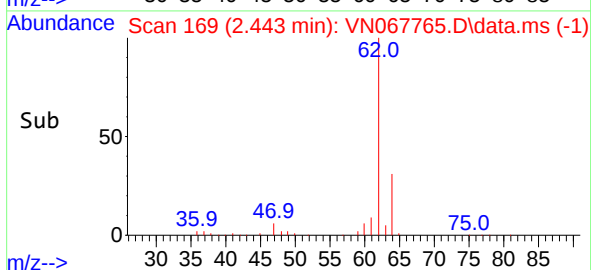
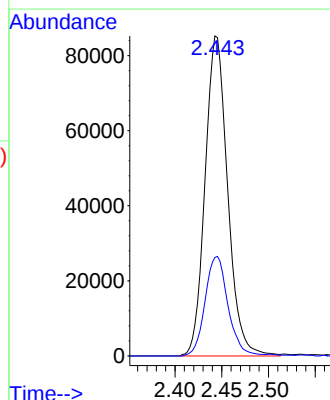
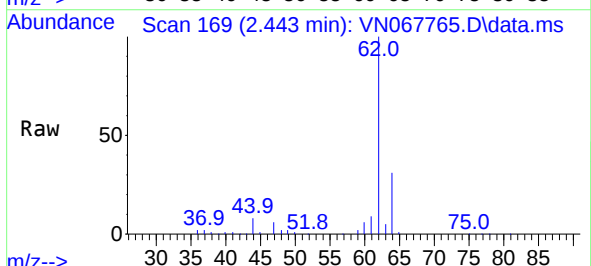
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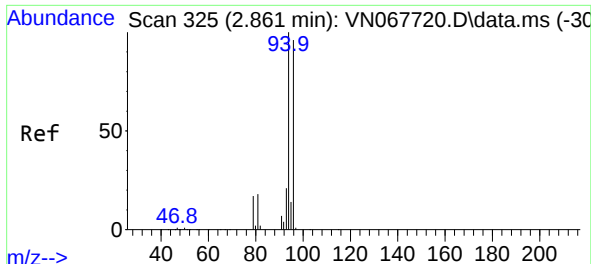
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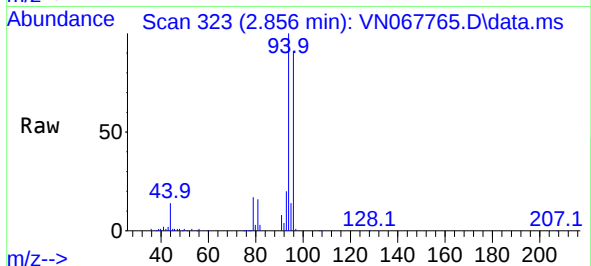
#4
Vinyl Chloride
Concen: 19.975 ug/l
RT: 2.443 min Scan# 169
Delta R.T. -0.000 min
Lab File: VN067765.D
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Tgt Ion: 62 Resp: 143208
Ion Ratio Lower Upper
62 100
64 30.8 25.9 38.9

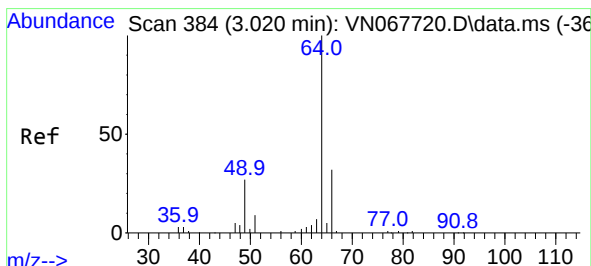
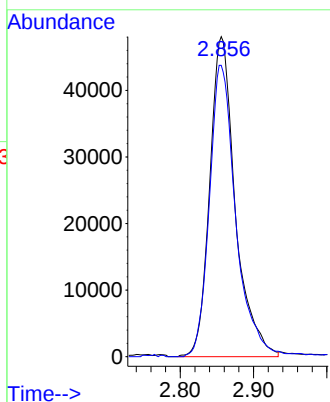
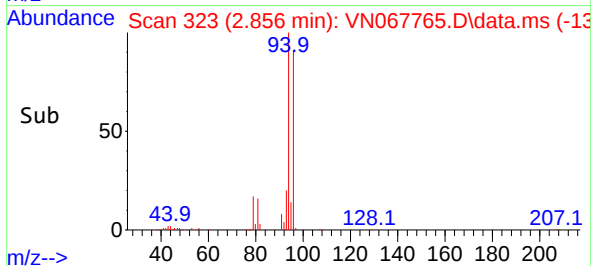




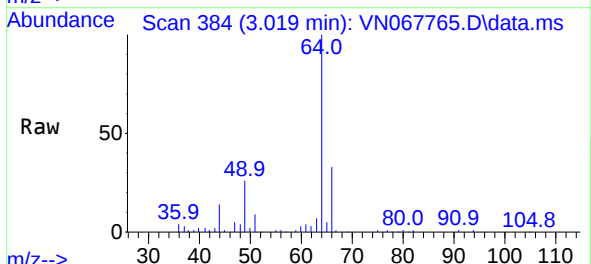
#5
Bromomethane
Concen: 19.481 ug/l
RT: 2.856 min Scan# 323
Delta R.T. -0.005 min
Lab File: VN067765.D
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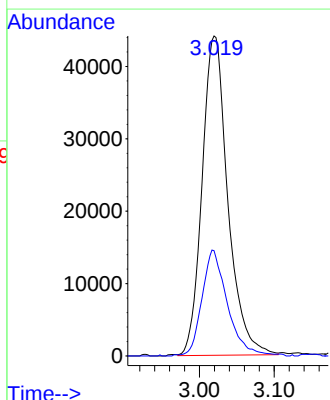
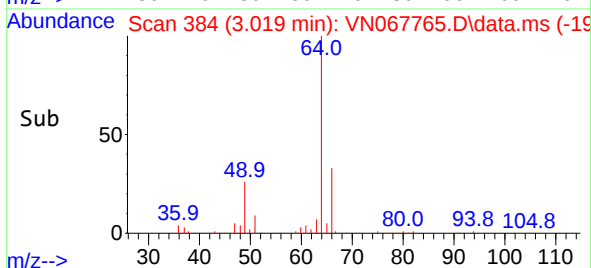
Tgt Ion: 94 Resp: 116293
Ion Ratio Lower Upper
94 100
96 91.0 76.9 115.3



#6
Chloroethane
Concen: 19.781 ug/l
RT: 3.019 min Scan# 384
Delta R.T. -0.000 min
Lab File: VN067765.D
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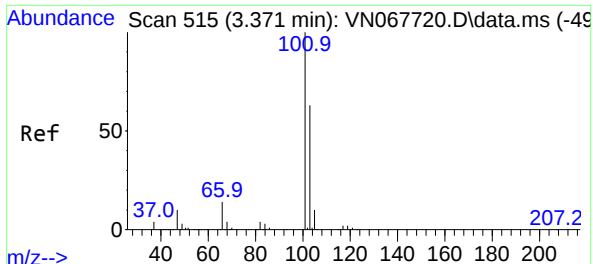
Tgt Ion: 64 Resp: 105611
Ion Ratio Lower Upper
64 100
66 32.7 25.4 38.0



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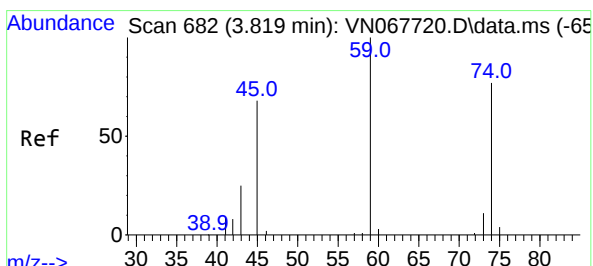
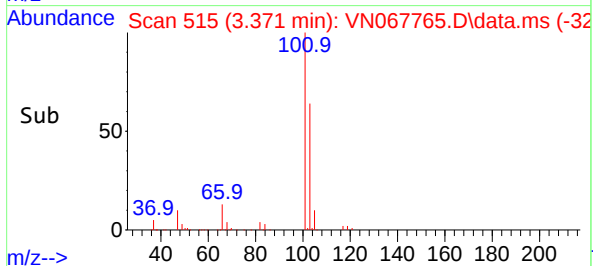
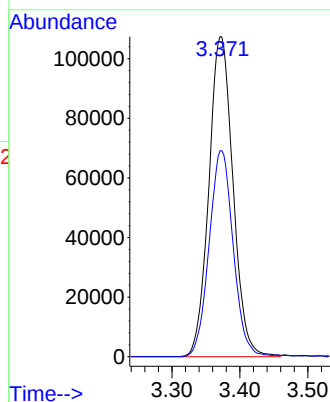
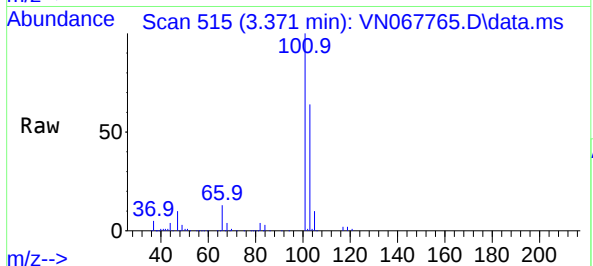
#7
Trichlorofluoromethane
Concen: 19.939 ug/l
RT: 3.371 min Scan# 515
Delta R.T. -0.000 min
Lab File: VN067765.D
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Tgt Ion:101 Resp: 265254
Ion Ratio Lower Upper
101 100
103 64.3 50.3 75.5

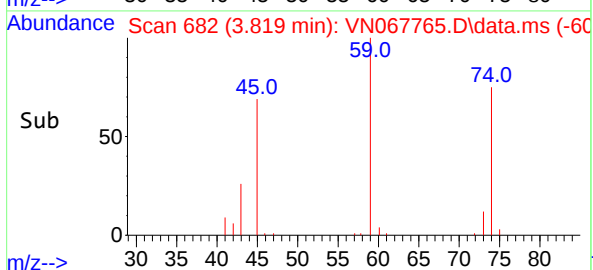
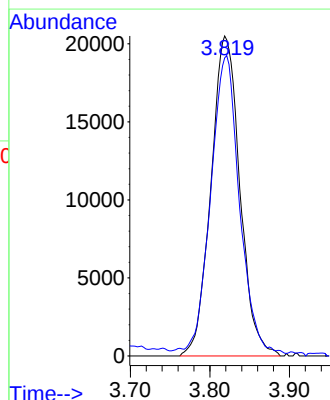
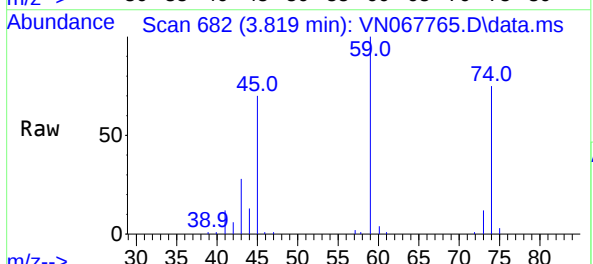
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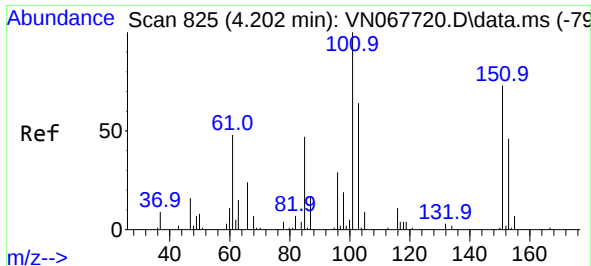
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#8
Diethyl Ether
Concen: 20.957 ug/l
RT: 3.819 min Scan# 682
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 51861
Ion Ratio Lower Upper
74 100
45 88.6 17.5 157.1





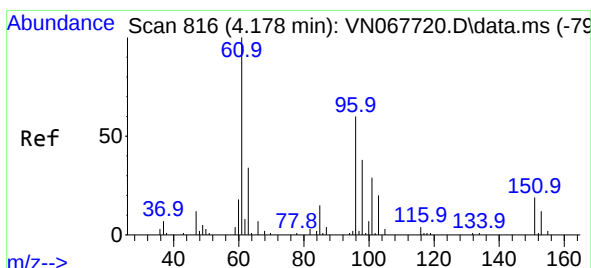
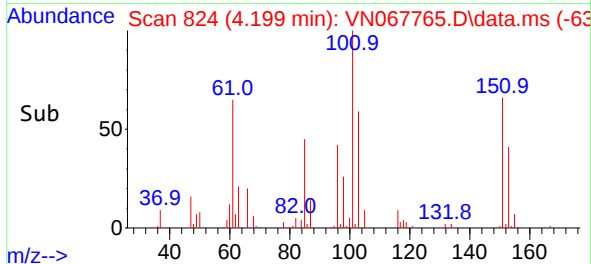
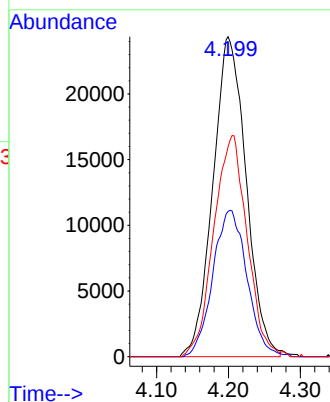
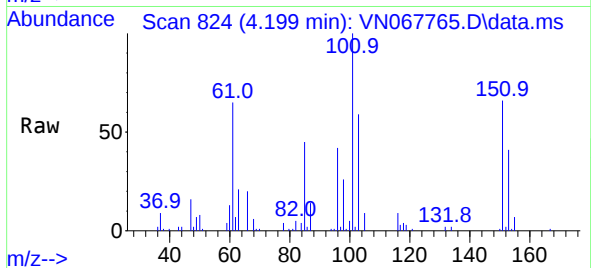
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.631 ug/l
RT: 4.199 min Scan# 824
Delta R.T. -0.003 min
Lab File: VN067765.D
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Tgt Ion:101 Resp: 78014
Ion Ratio Lower Upper
101 100
85 47.0 0.0 98.0
151 69.3 0.0 143.8

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ClientSampleId :
VSTDCCC020EC

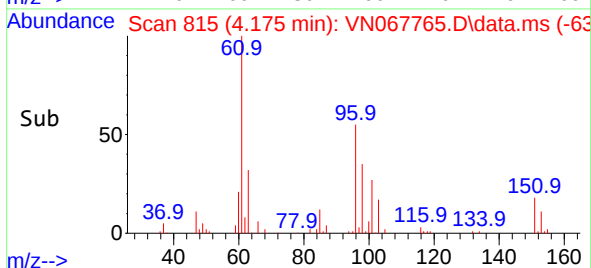
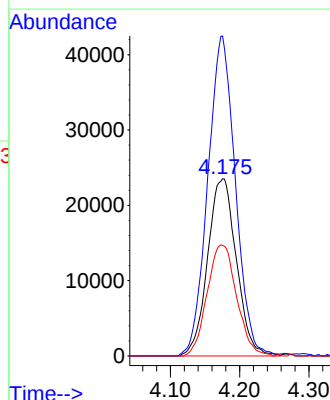
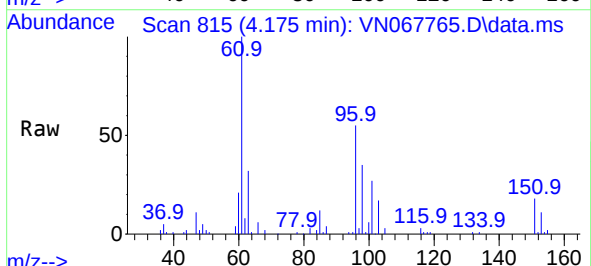
Manual Integrations
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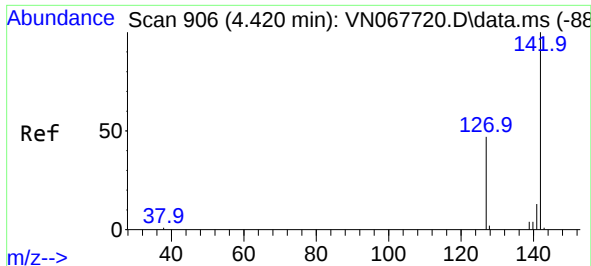
MMDadoda
7/16/2021 10:40:31 AM



#10
1,1-Dichloroethene
Concen: 19.441 ug/l
RT: 4.175 min Scan# 815
Delta R.T. -0.003 min
Lab File: VN067765.D
Acq: 15 Jul 2021 16:31

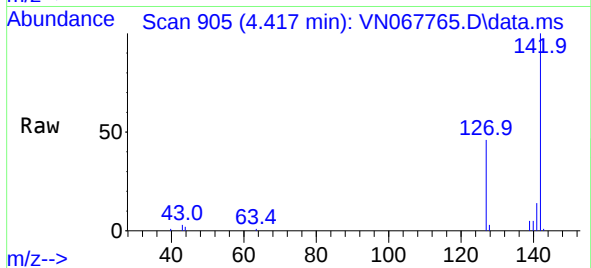
Tgt Ion: 96 Resp: 68087
Ion Ratio Lower Upper
96 100
61 179.7 133.9 200.9
98 62.5 50.5 75.7





#11
Methyl Iodide
Concen: 18.637 ug/l
RT: 4.417 min Scan# 905
Delta R.T. -0.003 min
Lab File: VN067765.D
Acq: 15 Jul 2021 16:31

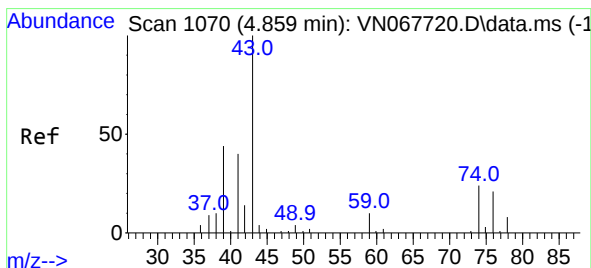
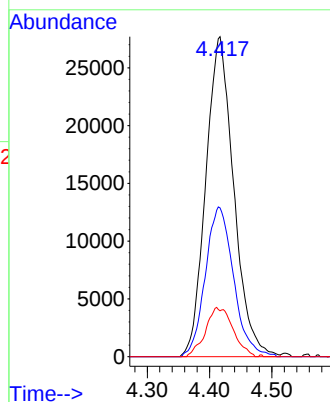
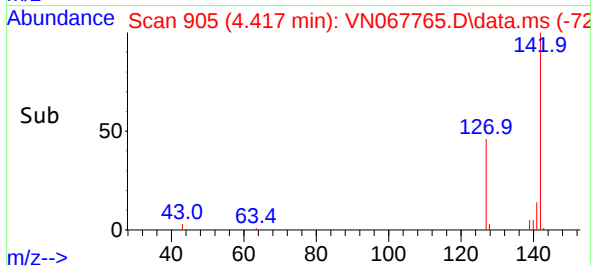
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



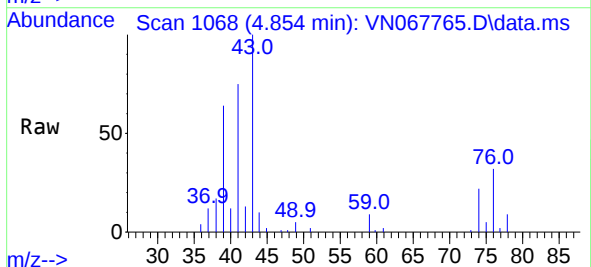
Tgt Ion:142 Resp: 86295
Ion Ratio Lower Upper
142 100
127 46.6 23.4 70.2
141 14.4 6.7 20.0

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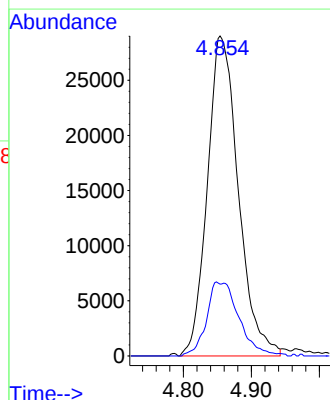
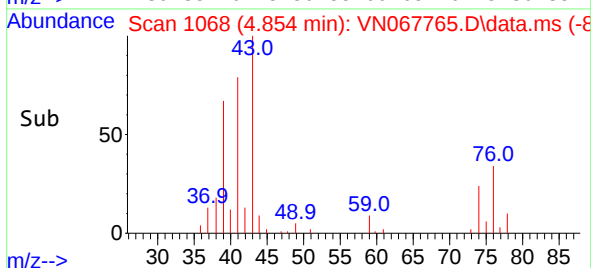
MMDadoda
7/16/2021 10:40:31 AM

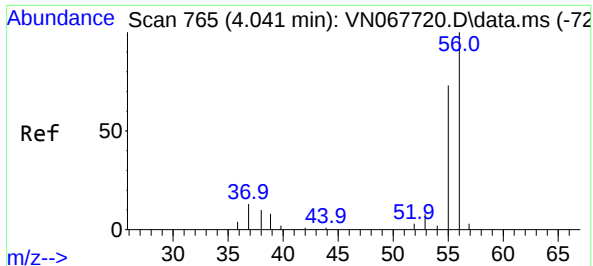


#12
Methyl Acetate
Concen: 19.205 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.005 min
Lab File: VN067765.D
Acq: 15 Jul 2021 16:31



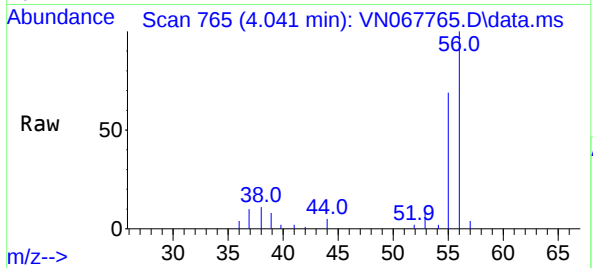
Tgt Ion: 43 Resp: 91807
Ion Ratio Lower Upper
43 100
74 22.3 19.8 29.6





#13
Acrolein
Concen: 97.922 ug/l
RT: 4.041 min Scan# 765
Delta R.T. -0.000 min
Lab File: VN067765.D
Acq: 15 Jul 2021 16:31

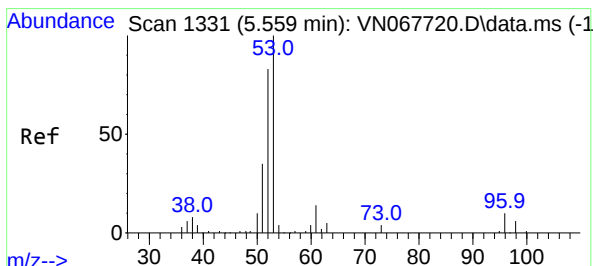
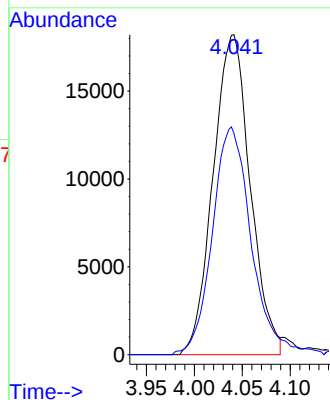
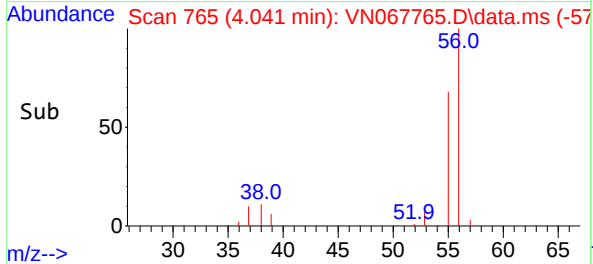
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



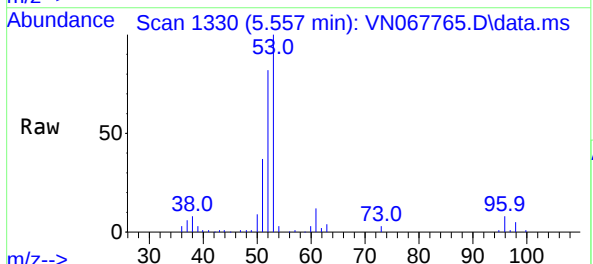
Tgt Ion: 56 Resp: 49032
Ion Ratio Lower Upper
56 100
55 74.7 0.2 0.2#

Manual Integrations
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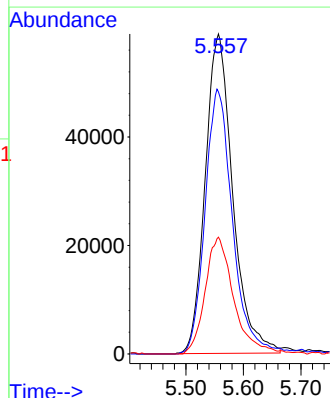
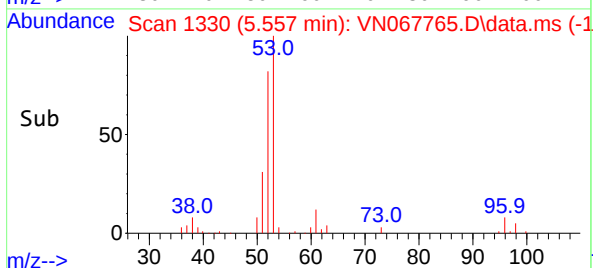
MMDadoda
7/16/2021 10:40:31 AM

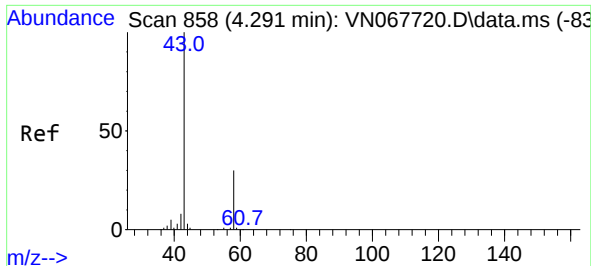


#14
Acrylonitrile
Concen: 93.215 ug/l
RT: 5.557 min Scan# 1330
Delta R.T. -0.003 min
Lab File: VN067765.D
Acq: 15 Jul 2021 16:31



Tgt Ion: 53 Resp: 195938
Ion Ratio Lower Upper
53 100
52 82.2 41.3 123.7
51 37.0 18.4 55.0





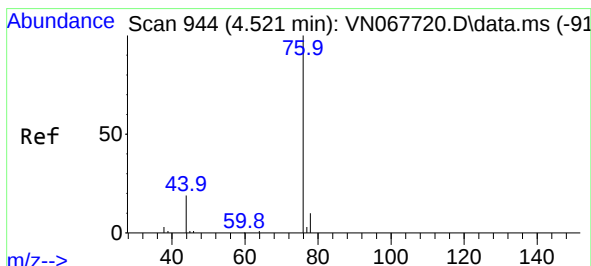
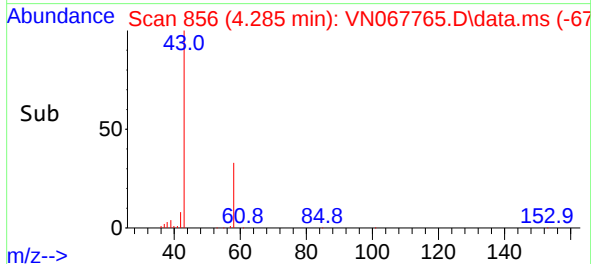
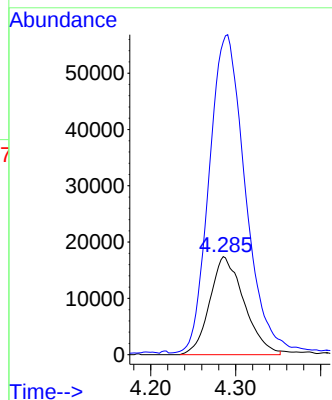
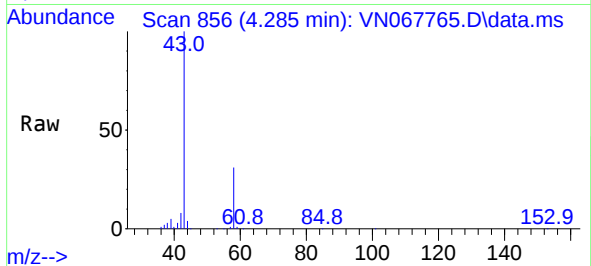
#15
Acetone
Concen: 93.787 ug/l
RT: 4.285 min Scan# 856
Delta R.T. -0.005 min
Lab File: VN067765.D
Acq: 15 Jul 2021 16:31

Tgt Ion: 58 Resp: 48869
Ion Ratio Lower Upper
58 100
43 315.2 268.2 402.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

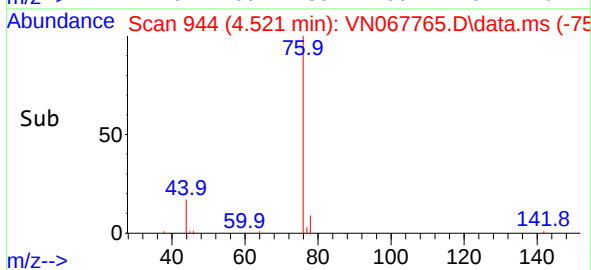
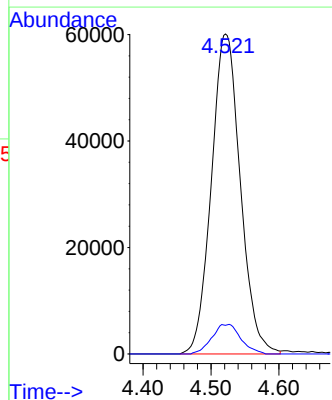
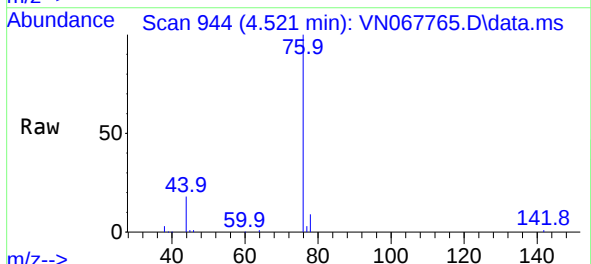
Manual Integrations
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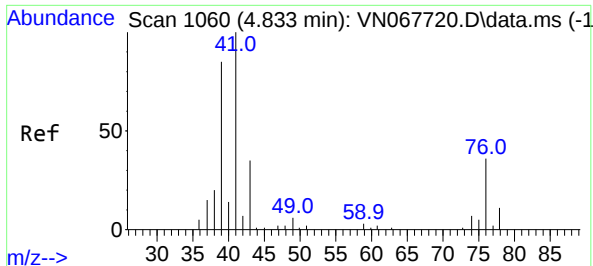
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#16
Carbon Disulfide
Concen: 19.272 ug/l
RT: 4.521 min Scan# 944
Delta R.T. -0.000 min
Lab File: VN067765.D
Acq: 15 Jul 2021 16:31

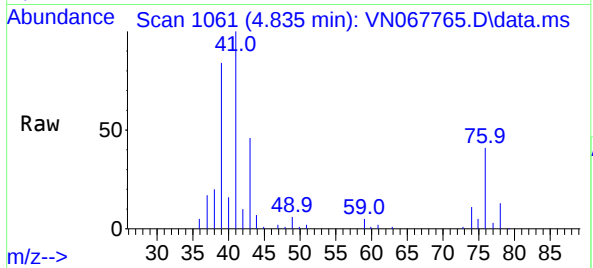
Tgt Ion: 76 Resp: 178244
Ion Ratio Lower Upper
76 100
78 8.9 7.9 11.9





#17
 Allyl chloride
 Concen: 19.046 ug/l
 RT: 4.835 min Scan# 1061
 Delta R.T. 0.003 min
 Lab File: VN067765.D
 Acq: 15 Jul 2021 16:31

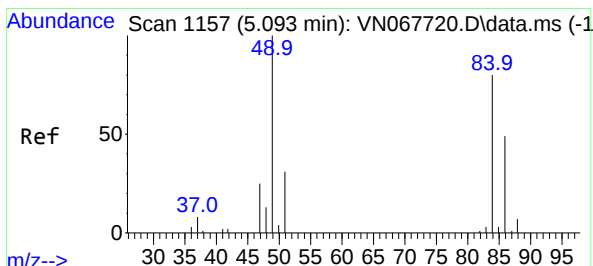
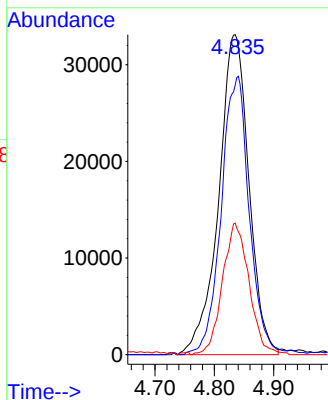
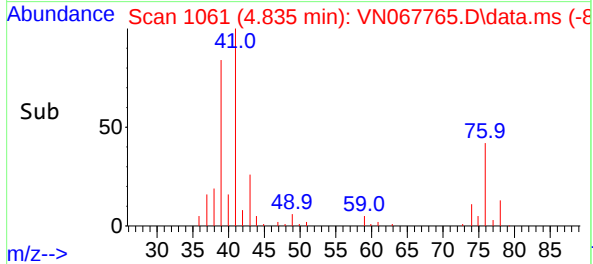
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



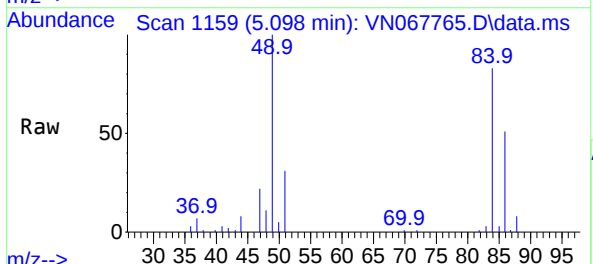
Tgt Ion: 41 Resp: 117379
 Ion Ratio Lower Upper
 41 100
 39 84.2 42.4 127.3
 76 41.1 17.9 53.8

Manual Integrations
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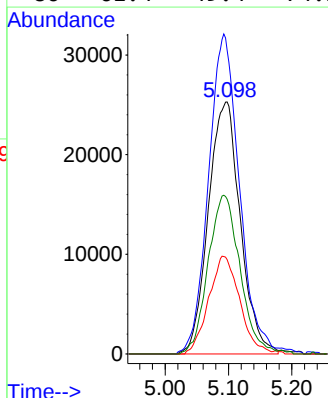
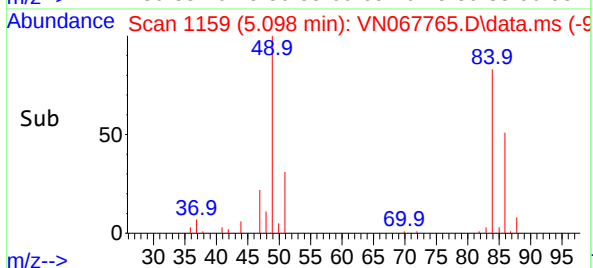
MMDadoda
 7/16/2021 10:40:31 AM

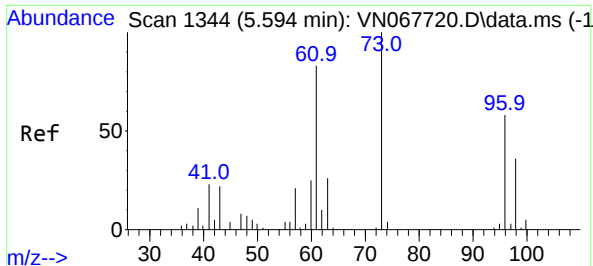


#18
 Methylene Chloride
 Concen: 18.297 ug/l
 RT: 5.098 min Scan# 1159
 Delta R.T. 0.005 min
 Lab File: VN067765.D
 Acq: 15 Jul 2021 16:31



Tgt Ion: 84 Resp: 88682
 Ion Ratio Lower Upper
 84 100
 49 119.7 100.5 150.7
 51 37.4 30.7 46.1
 86 61.4 49.4 74.2





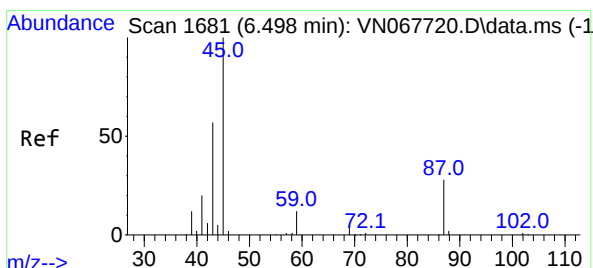
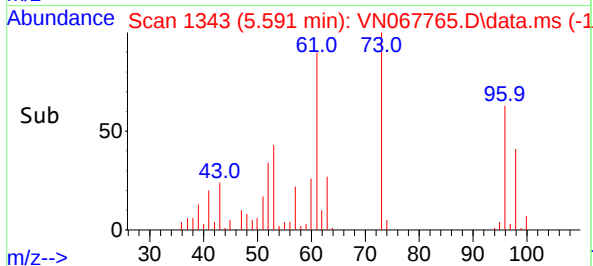
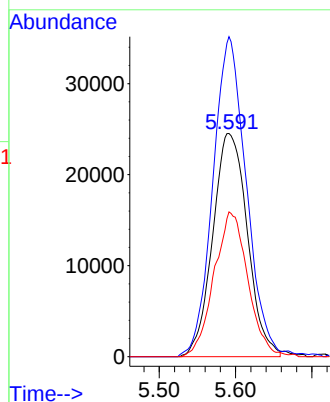
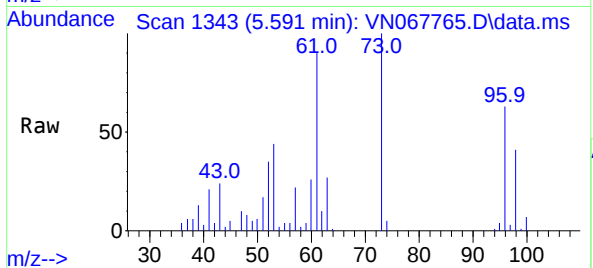
#19
trans-1,2-Dichloroethene
Concen: 18.509 ug/l
RT: 5.591 min Scan# 1343
Delta R.T. -0.003 min
Lab File: VN067765.D
Acq: 15 Jul 2021 16:31

Tgt Ion:	96	Resp:	77295
Ion	Ratio	Lower	Upper
96	100		
61	142.4	114.3	171.5
98	64.9	49.3	73.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

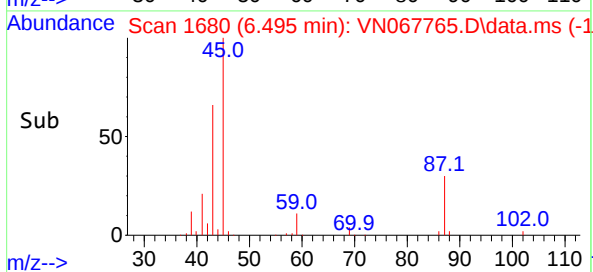
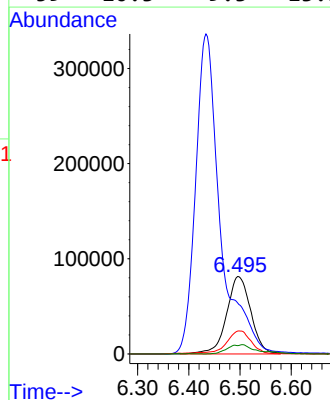
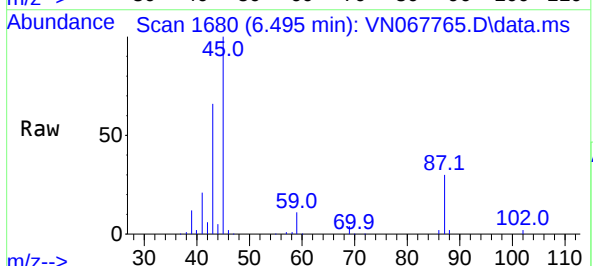
Manual Integrations
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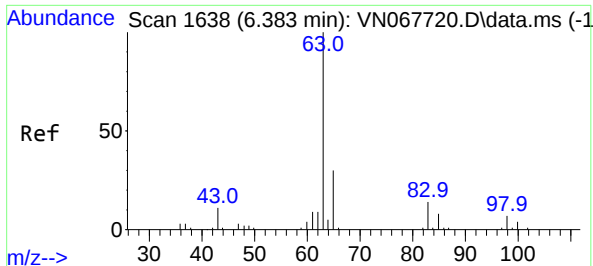
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#20
Diisopropyl ether
Concen: 18.327 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. -0.003 min
Lab File: VN067765.D
Acq: 15 Jul 2021 16:31

Tgt Ion:	45	Resp:	267436
Ion	Ratio	Lower	Upper
45	100		
43	63.1	51.8	77.6
87	29.3	22.5	33.7
59	10.3	9.3	13.9





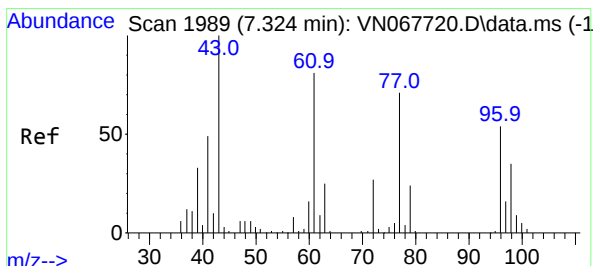
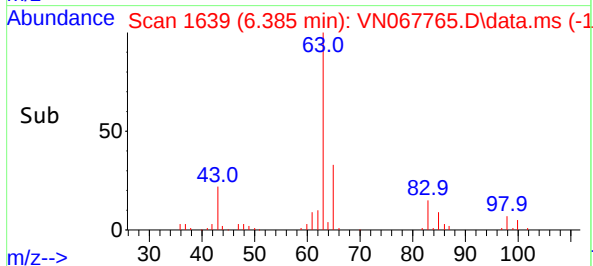
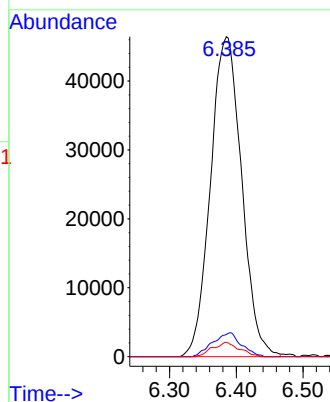
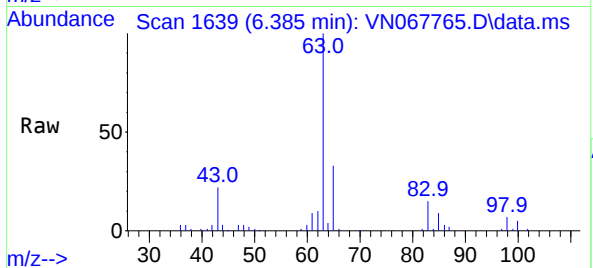
#21
1,1-Dichloroethane
Concen: 18.716 ug/l
RT: 6.385 min Scan# 1639
Delta R.T. 0.003 min
Lab File: VN067765.D
Acq: 15 Jul 2021 16:31

Tgt Ion: 63 Resp: 150240
Ion Ratio Lower Upper
63 100
98 7.0 3.3 9.8
100 4.5 2.0 5.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

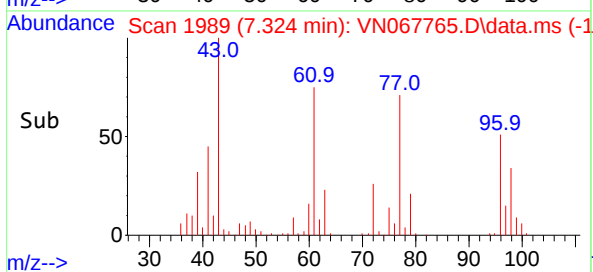
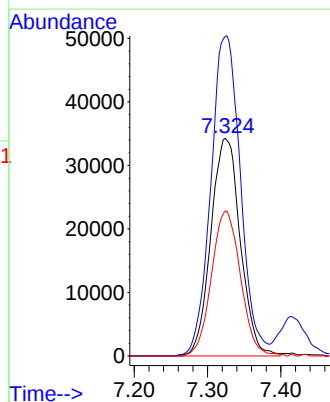
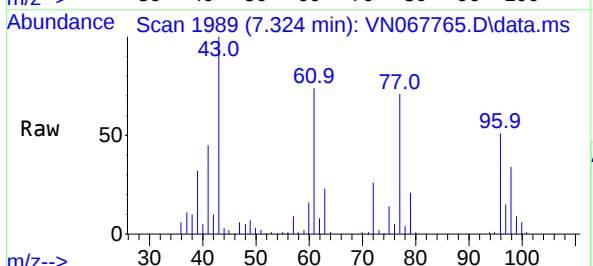
Manual Integrations
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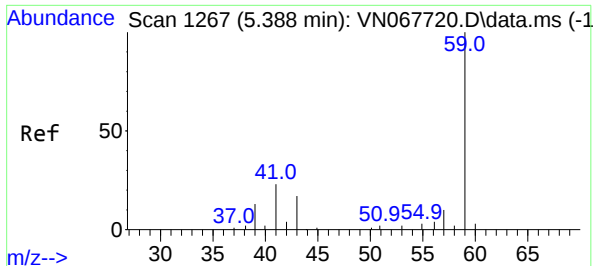
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#22
cis-1,2-Dichloroethene
Concen: 18.539 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. -0.000 min
Lab File: VN067765.D
Acq: 15 Jul 2021 16:31

Tgt Ion: 96 Resp: 95536
Ion Ratio Lower Upper
96 100
61 148.4 121.2 181.8
98 65.8 51.8 77.8





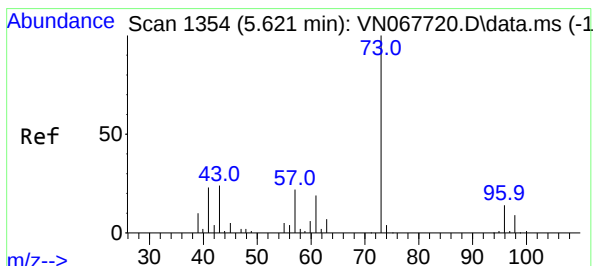
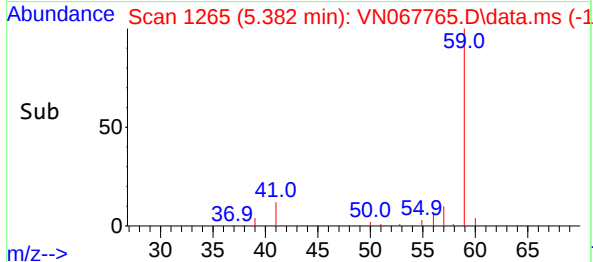
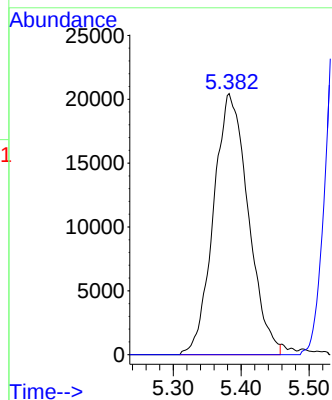
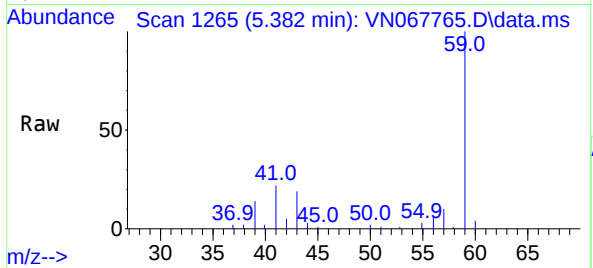
#23
tert-Butyl Alcohol
Concen: 93.753 ug/l
RT: 5.382 min Scan# 1265
Delta R.T. -0.005 min
Lab File: VN067765.D
Acq: 15 Jul 2021 16:31

Tgt Ion: 59 Resp: 72641
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

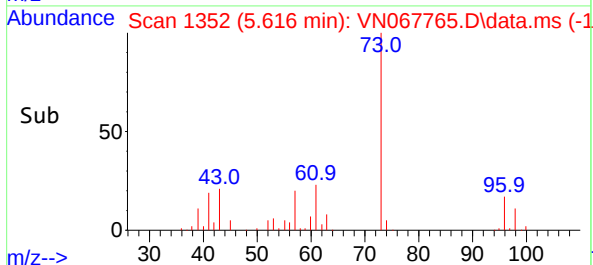
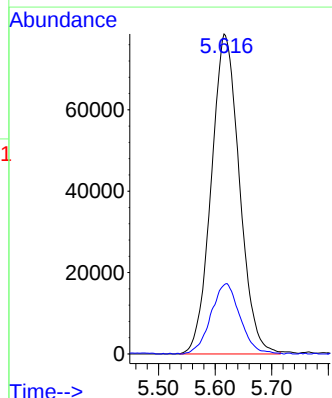
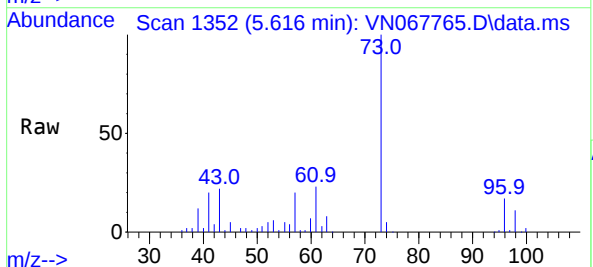
Manual Integrations
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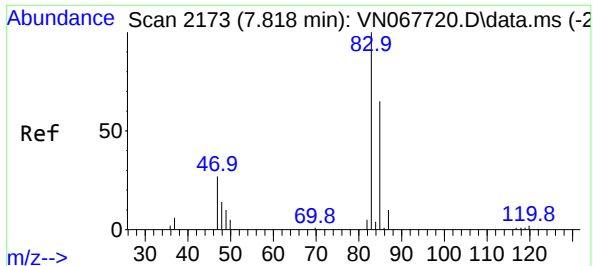
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#24
Methyl tert-Butyl Ether
Concen: 18.814 ug/l
RT: 5.616 min Scan# 1352
Delta R.T. -0.005 min
Lab File: VN067765.D
Acq: 15 Jul 2021 16:31

Tgt Ion: 73 Resp: 272061
Ion Ratio Lower Upper
73 100
43 22.7 18.6 27.8





#25

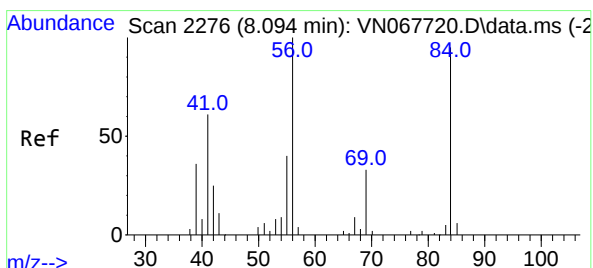
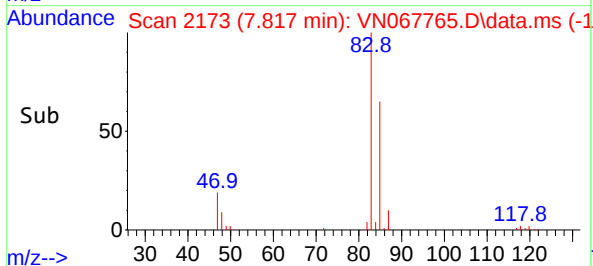
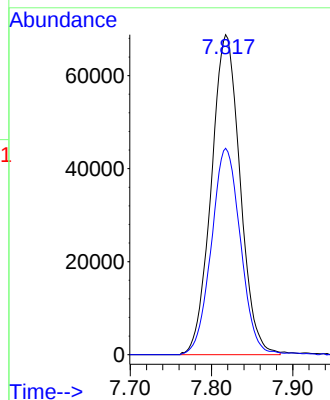
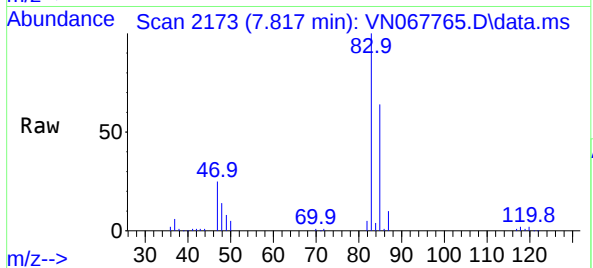
Chloroform
Concen: 18.984 ug/l
RT: 7.817 min Scan# 2173
Delta R.T. -0.000 min
Lab File: VN067765.D
Acq: 15 Jul 2021 16:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 169581
Ion Ratio Lower Upper
83 100
85 64.5 52.3 78.5

Manual Integrations
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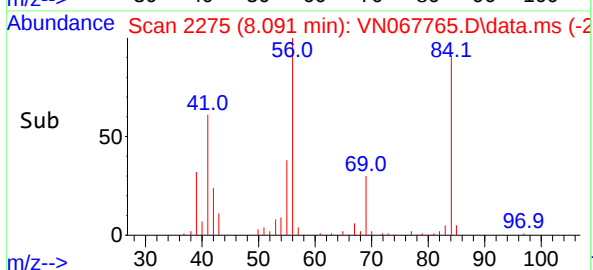
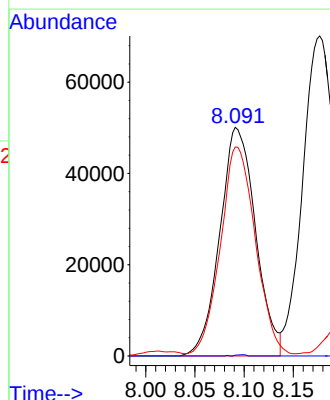
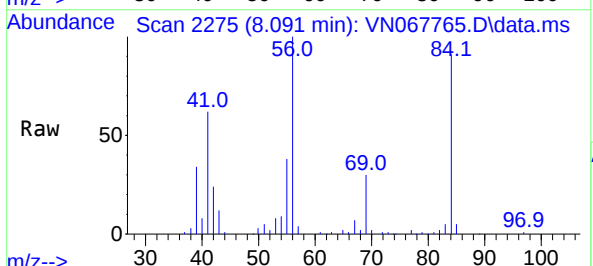
MMDadoda
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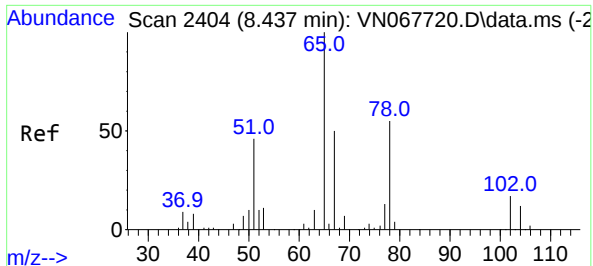


#26

Cyclohexane
Concen: 18.117 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.003 min
Lab File: VN067765.D
Acq: 15 Jul 2021 16:31

Tgt Ion: 56 Resp: 126719
Ion Ratio Lower Upper
56 100
89 0.1 0.0 0.0#
84 88.4 71.4 107.0





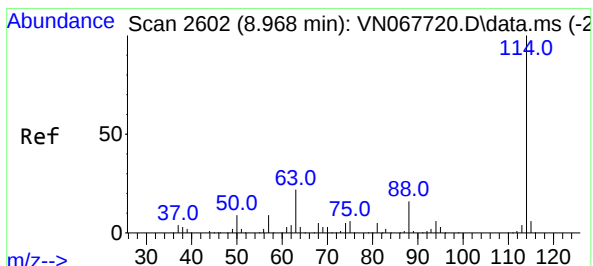
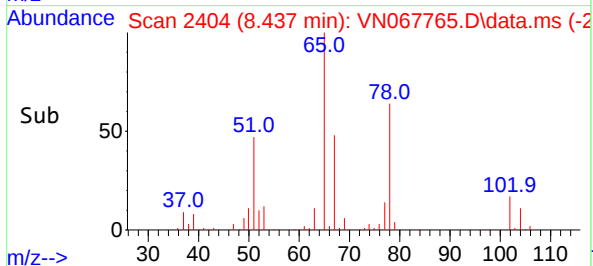
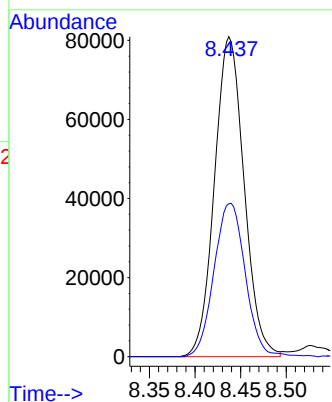
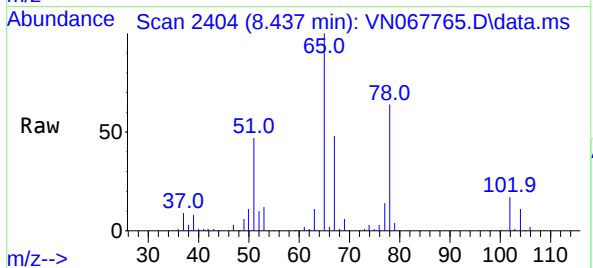
#27
1,2-Dichloroethane-d4
Concen: 31.336 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.000 min
Lab File: VN067765.D
Acq: 15 Jul 2021 16:31

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020EC

Tgt Ion: 65 Resp: 182783
Ion Ratio Lower Upper
65 100
67 50.5 40.6 60.8

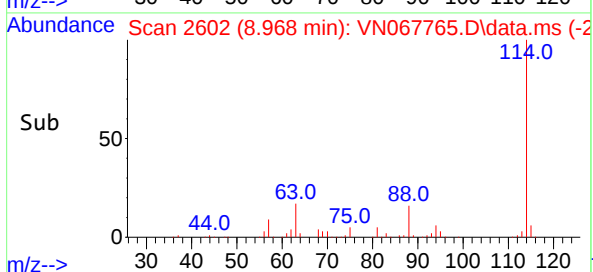
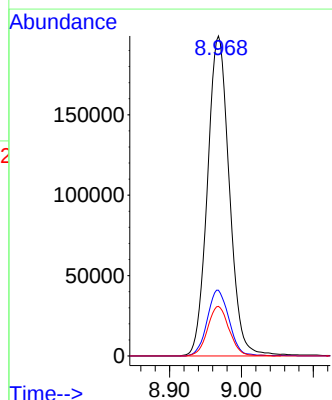
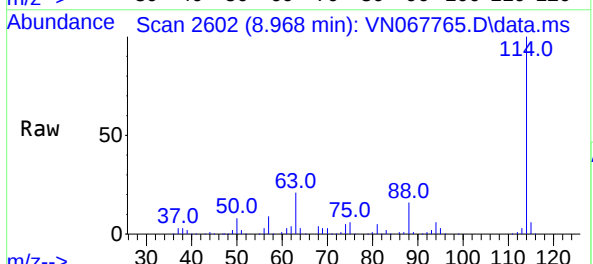
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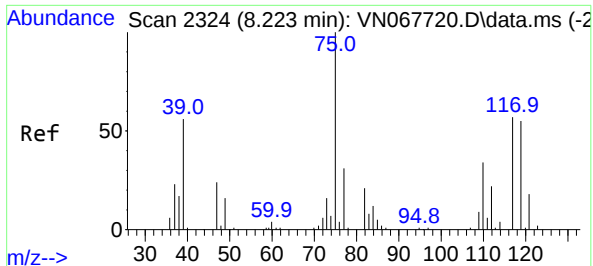
MMDadoda
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#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN067765.D
Acq: 15 Jul 2021 16:31

Tgt Ion: 114 Resp: 420422
Ion Ratio Lower Upper
114 100
63 20.5 17.2 25.8
88 15.2 12.4 18.6





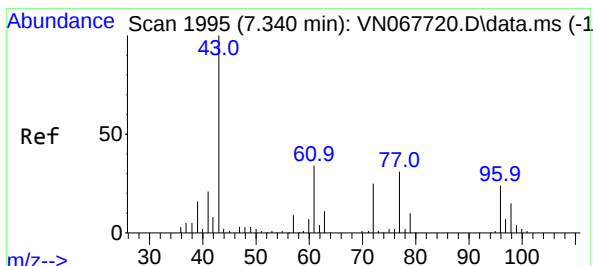
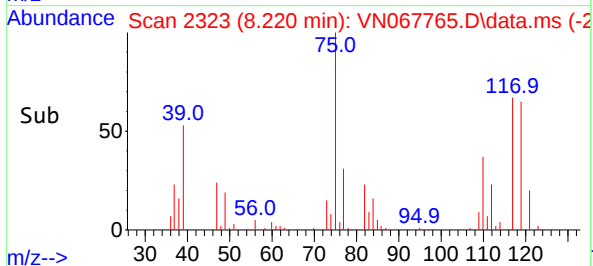
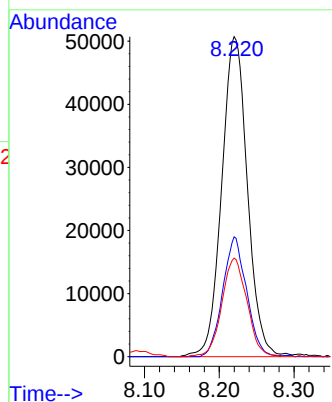
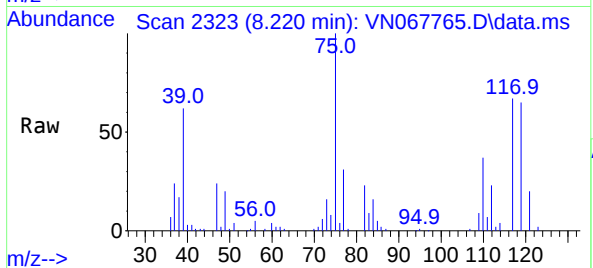
#29
1,1-Dichloropropene
Concen: 18.317 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VN067765.D
Acq: 15 Jul 2021 16:31

Tgt Ion: 75 Resp: 120829
Ion Ratio Lower Upper
75 100
110 34.8 0.0 69.2
77 30.1 0.0 60.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

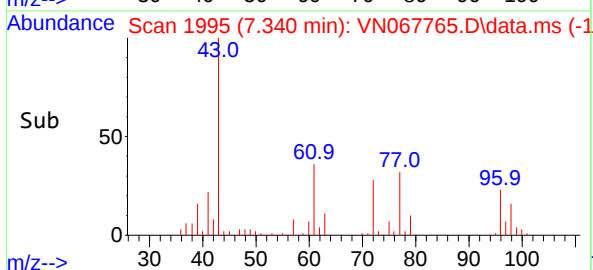
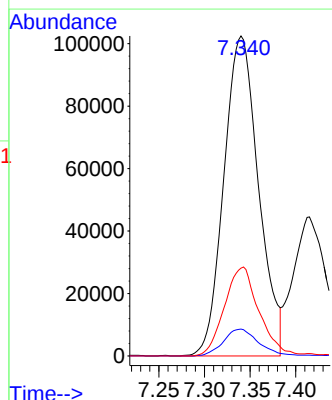
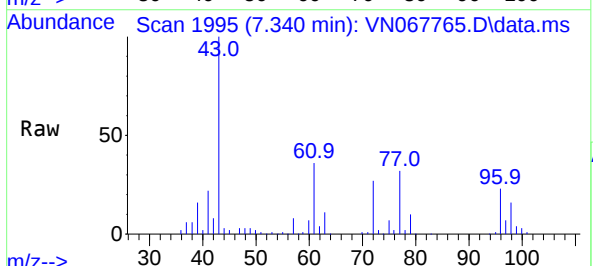
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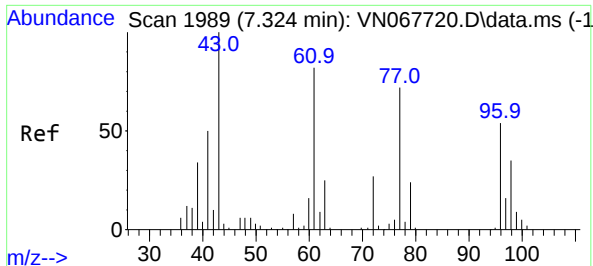
MMDadoda
7/16/2021 10:40:31 AM



#30
2-Butanone
Concen: 88.691 ug/l
RT: 7.340 min Scan# 1995
Delta R.T. -0.000 min
Lab File: VN067765.D
Acq: 15 Jul 2021 16:31

Tgt Ion: 43 Resp: 270921
Ion Ratio Lower Upper
43 100
57 8.5 6.6 9.8
72 27.7 21.8 32.6





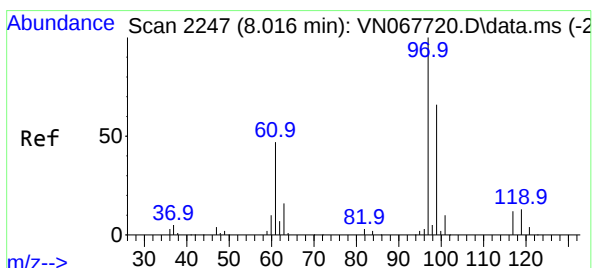
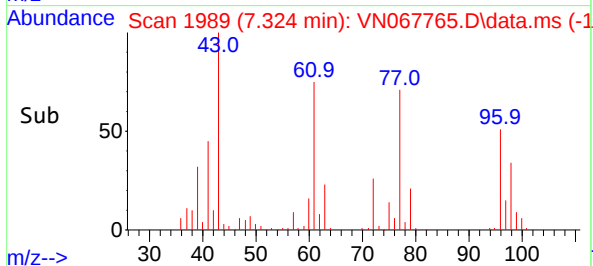
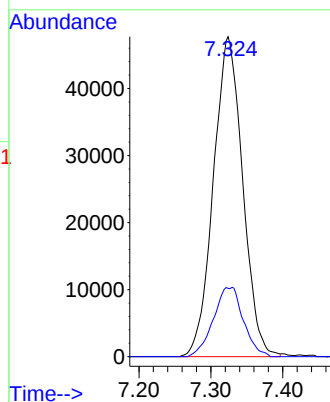
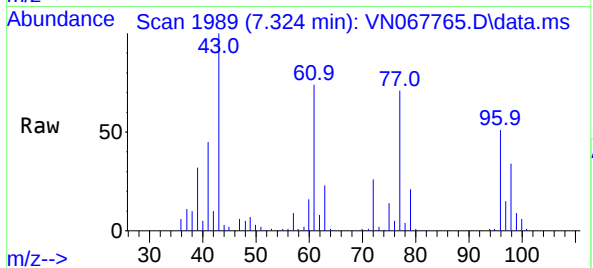
#31
2,2-Dichloropropane
Concen: 18.334 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. -0.000 min
Lab File: VN067765.D
Acq: 15 Jul 2021 16:31

Tgt Ion: 77 Resp: 134923
Ion Ratio Lower Upper
77 100
97 12.7 17.8 26.6#

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

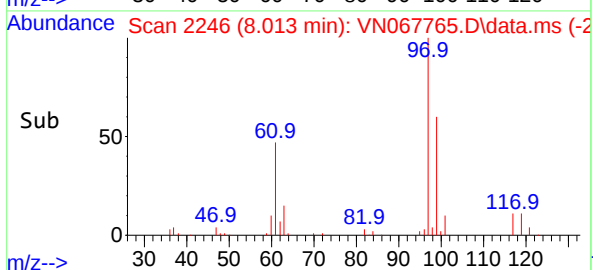
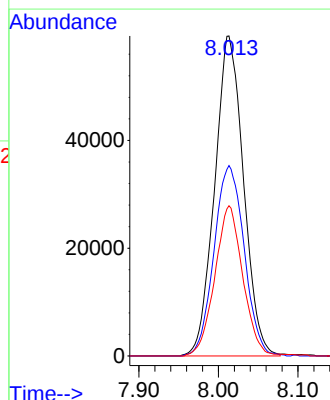
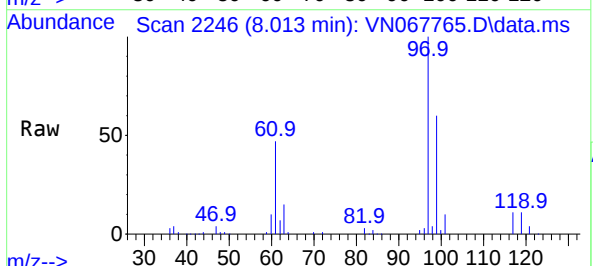
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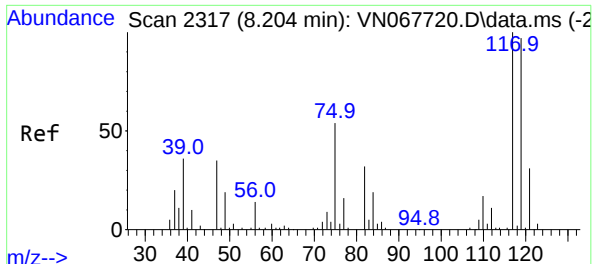
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#32
1,1,1-Trichloroethane
Concen: 18.503 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.003 min
Lab File: VN067765.D
Acq: 15 Jul 2021 16:31

Tgt Ion: 97 Resp: 149880
Ion Ratio Lower Upper
97 100
99 62.2 51.6 77.4
61 45.3 37.6 56.4





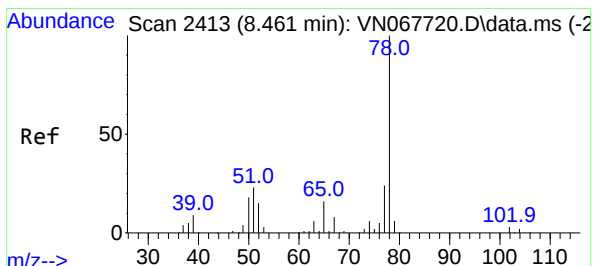
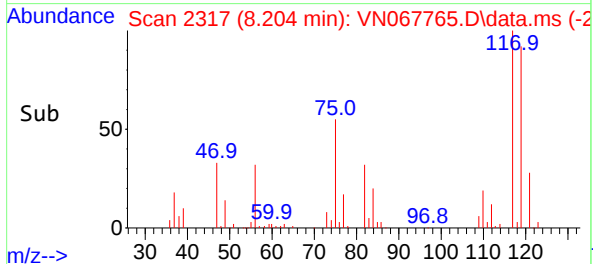
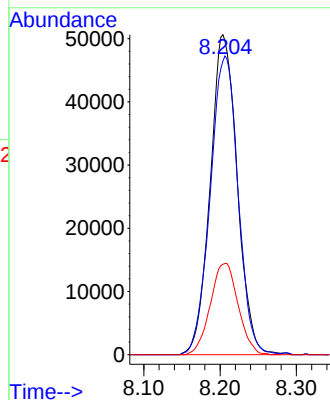
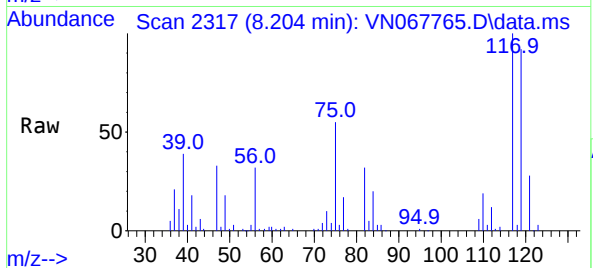
#33
Carbon Tetrachloride
Concen: 18.000 ug/l
RT: 8.204 min Scan# 2317
Delta R.T. -0.000 min
Lab File: VN067765.D
Acq: 15 Jul 2021 16:31

Tgt Ion: 117 Resp: 124497
Ion Ratio Lower Upper
117 100
119 91.8 77.6 116.4
121 28.2 24.6 36.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

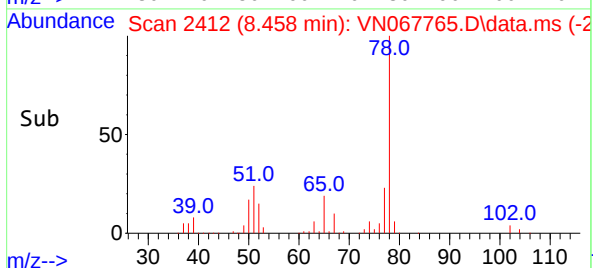
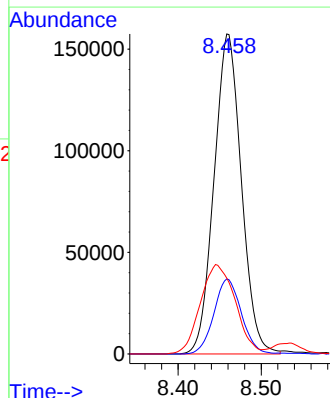
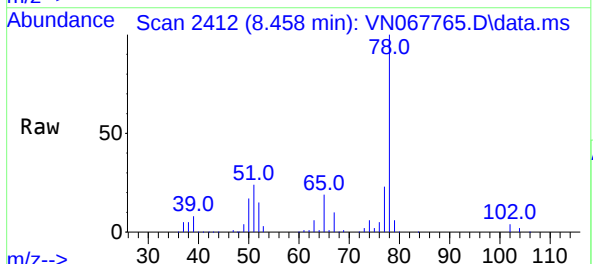
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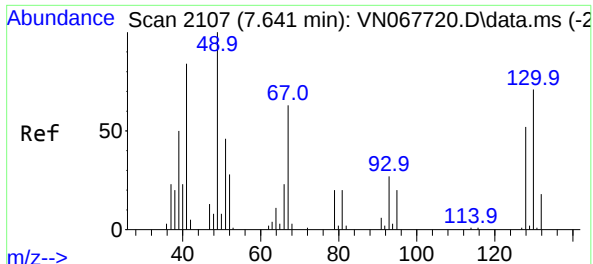
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#34
Benzene
Concen: 18.259 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. -0.003 min
Lab File: VN067765.D
Acq: 15 Jul 2021 16:31

Tgt Ion: 78 Resp: 360017
Ion Ratio Lower Upper
78 100
77 23.5 19.1 28.7
51 22.6 18.2 27.4





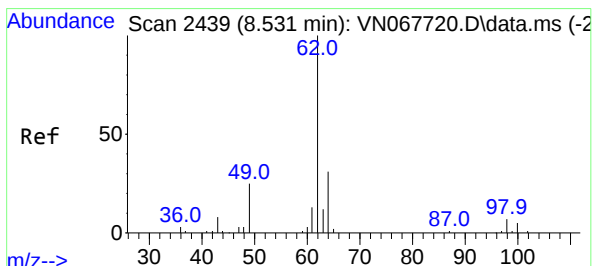
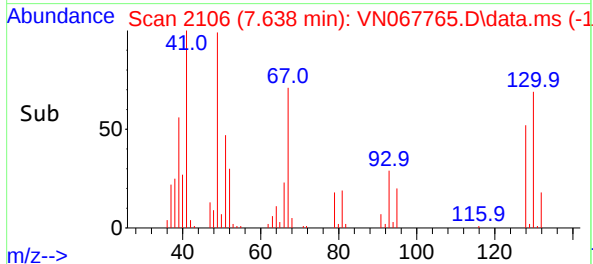
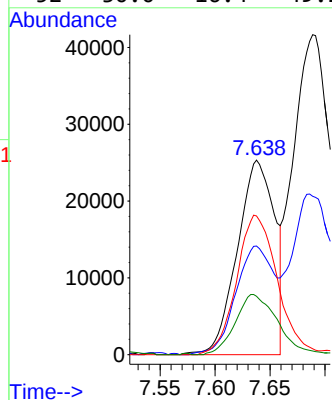
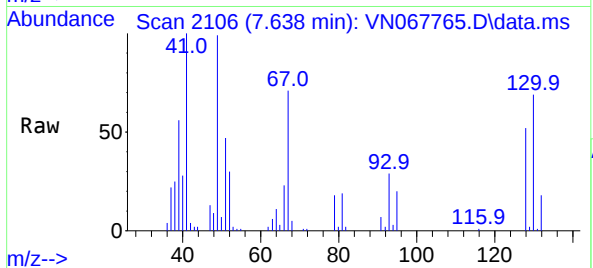
#35
Methacrylonitrile
Concen: 18.950 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. -0.003 min
Lab File: VN067765.D
Acq: 15 Jul 2021 16:31

Tgt Ion:	41	Resp:	59504
Ion Ratio	Lower	Upper	
41	100		
39	55.9	29.6	88.9
67	71.3	37.4	112.2
52	30.0	16.4	49.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

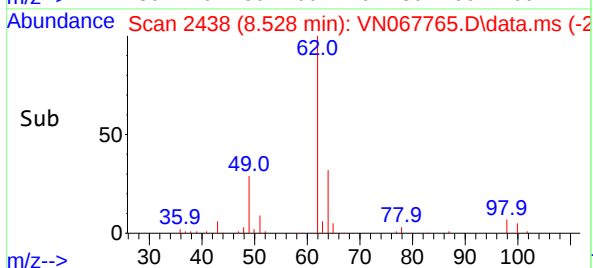
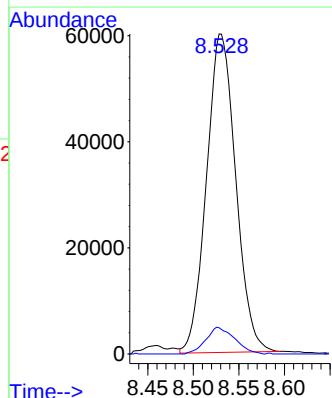
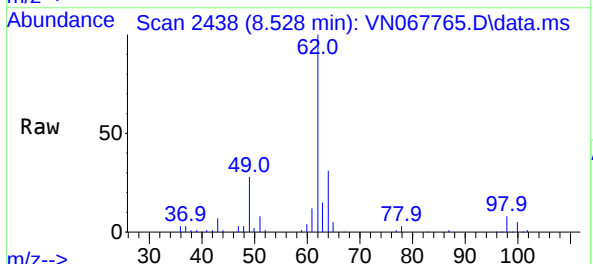
Manual Integrations
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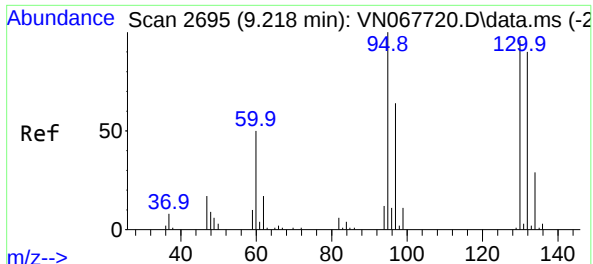
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#36
1,2-Dichloroethane
Concen: 18.261 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. -0.003 min
Lab File: VN067765.D
Acq: 15 Jul 2021 16:31

Tgt Ion:	62	Resp:	134036
Ion Ratio	Lower	Upper	
62	100		
98	8.3	6.2	9.2





#37

Trichloroethene

Concen: 18.006 ug/l

RT: 9.215 min Scan# 2694

Delta R.T. -0.003 min

Lab File: VN067765.D

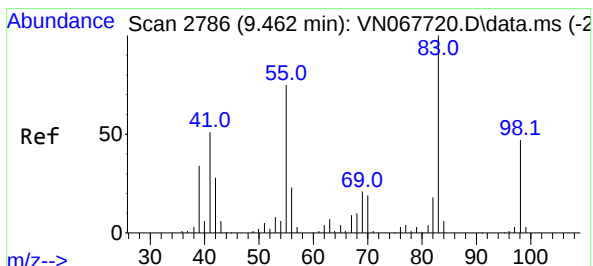
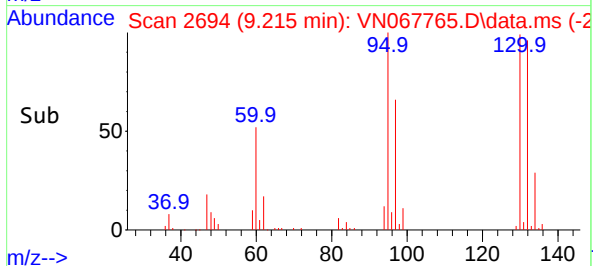
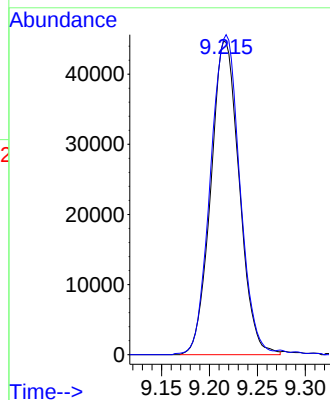
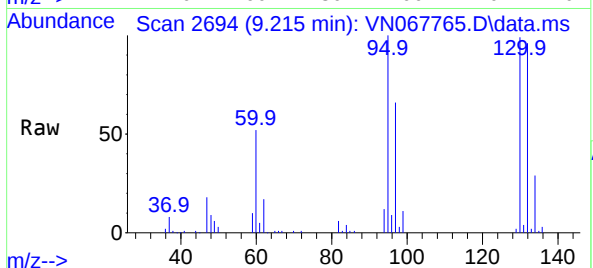
Acq: 15 Jul 2021 16:31

Tgt Ion:130 Resp: 92234

Ion Ratio Lower Upper

130 100

95 100.1 83.2 124.8



#38

Methylcyclohexane

Concen: 17.994 ug/l

RT: 9.459 min Scan# 2785

Delta R.T. -0.003 min

Lab File: VN067765.D

Acq: 15 Jul 2021 16:31

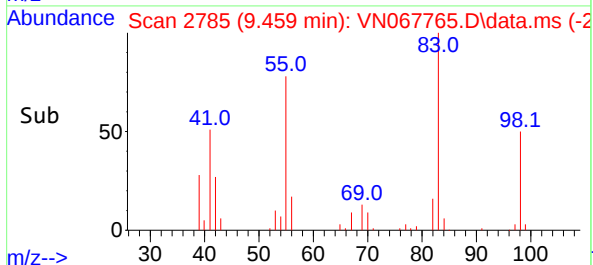
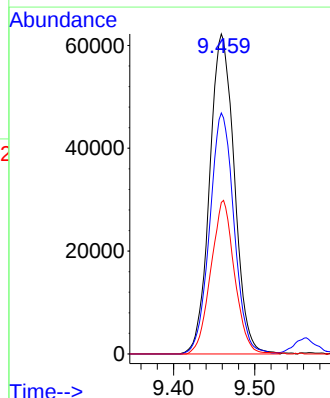
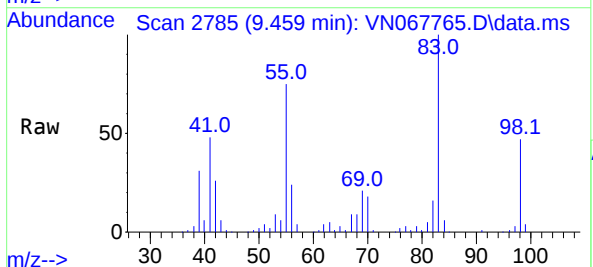
Tgt Ion: 83 Resp: 131465

Ion Ratio Lower Upper

83 100

55 74.2 37.4 112.2

98 45.8 23.5 70.6



Instrument :

MSVOA_N

ClientSampleId :

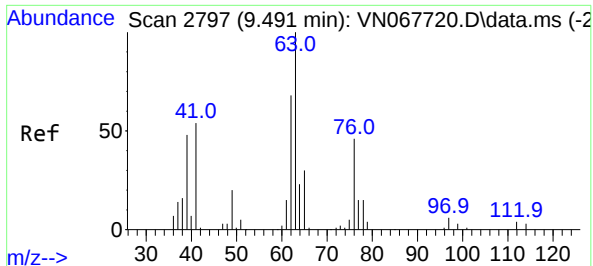
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#39

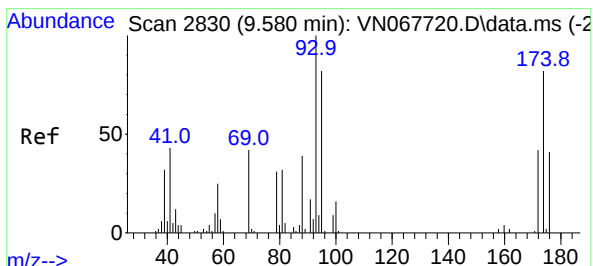
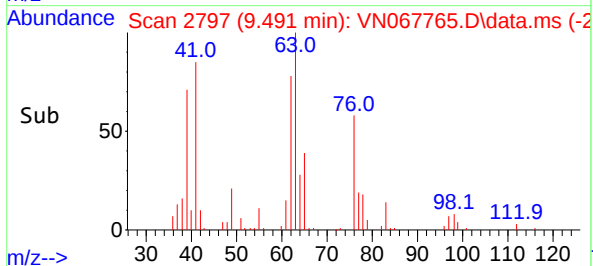
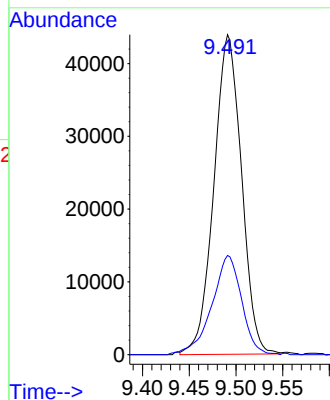
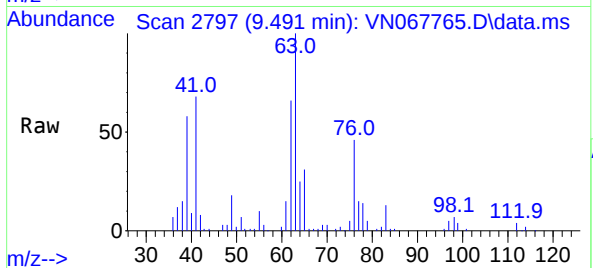
1,2-Dichloropropane
Concen: 17.970 ug/l
RT: 9.491 min Scan# 2797
Delta R.T. -0.000 min
Lab File: VN067765.D
Acq: 15 Jul 2021 16:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 90358
Ion Ratio Lower Upper
63 100
65 31.2 24.3 36.5

Manual Integrations
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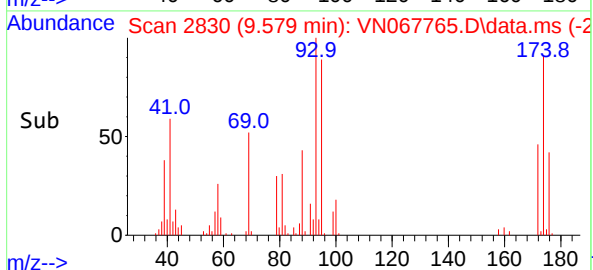
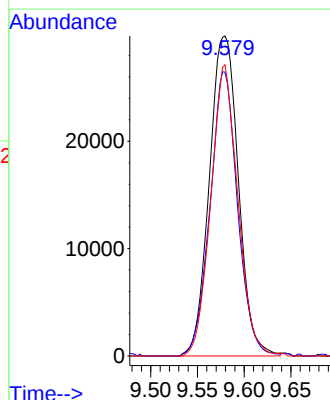
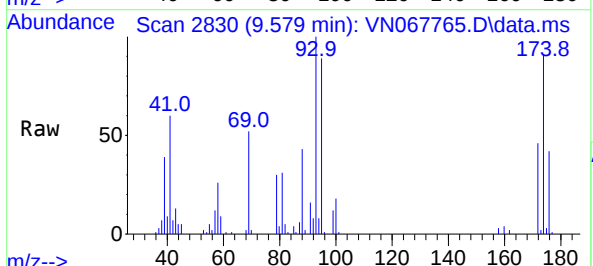
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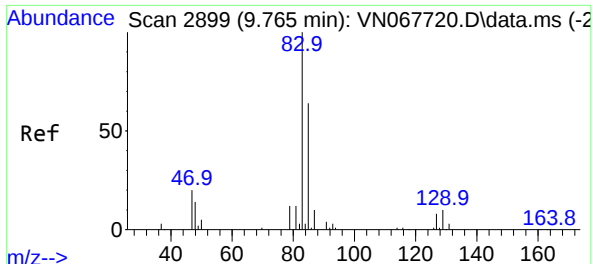


#40

Dibromomethane
Concen: 17.837 ug/l
RT: 9.579 min Scan# 2830
Delta R.T. -0.000 min
Lab File: VN067765.D
Acq: 15 Jul 2021 16:31

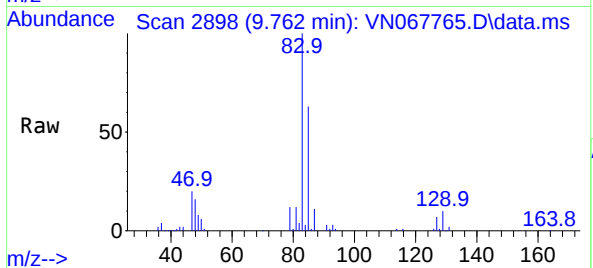
Tgt Ion: 93 Resp: 64496
Ion Ratio Lower Upper
93 100
95 84.0 0.0 165.4
174 84.5 0.0 163.0





#41
Bromodichloromethane
Concen: 18.294 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. -0.003 min
Lab File: VN067765.D
Acq: 15 Jul 2021 16:31

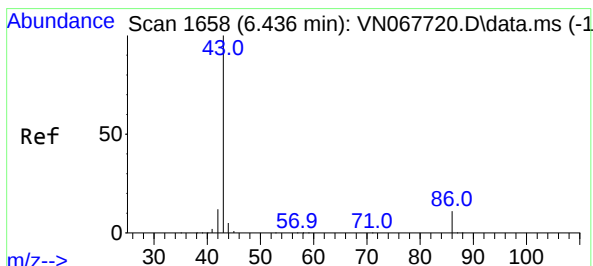
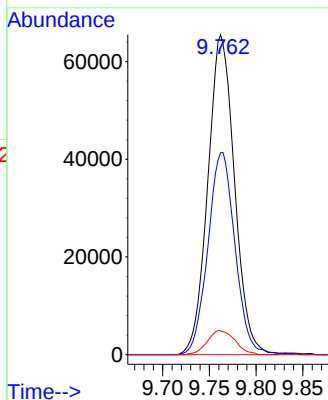
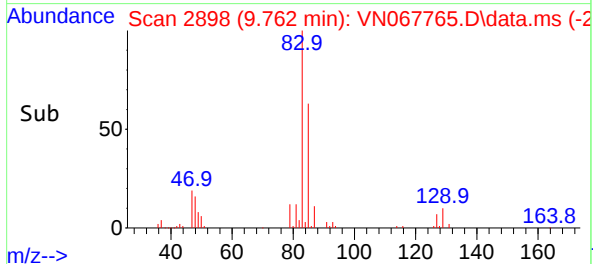
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



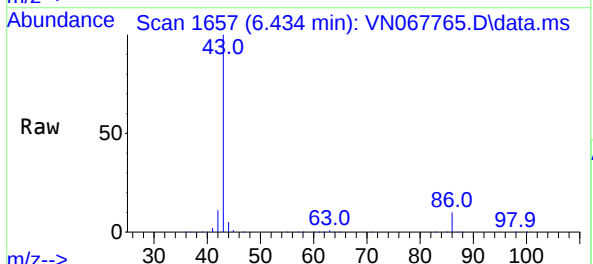
Tgt Ion: 83 Resp: 129845
Ion Ratio Lower Upper
83 100
85 63.1 51.3 76.9
127 7.4 6.6 10.0

Manual Integrations
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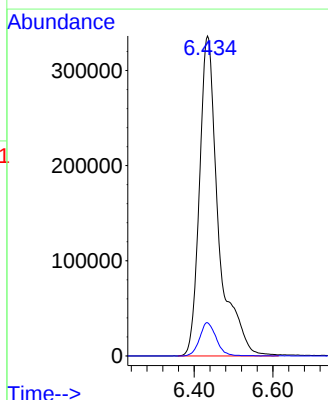
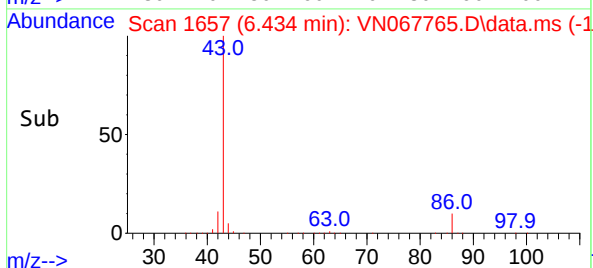
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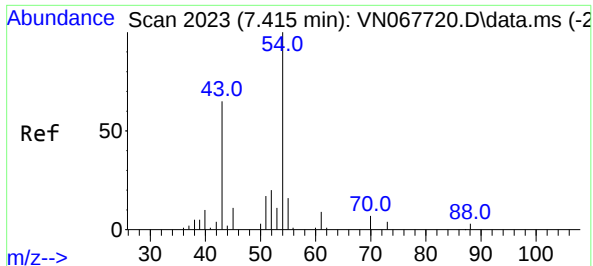


#42
Vinyl Acetate
Concen: 92.894 ug/l
RT: 6.434 min Scan# 1657
Delta R.T. -0.003 min
Lab File: VN067765.D
Acq: 15 Jul 2021 16:31



Tgt Ion: 43 Resp: 1128884
Ion Ratio Lower Upper
43 100
86 9.0 8.2 12.2





#43

Ethyl Acetate

Concen: 16.143 ug/l

RT: 7.415 min Scan# 2023

Delta R.T. -0.000 min

Lab File: VN067765.D

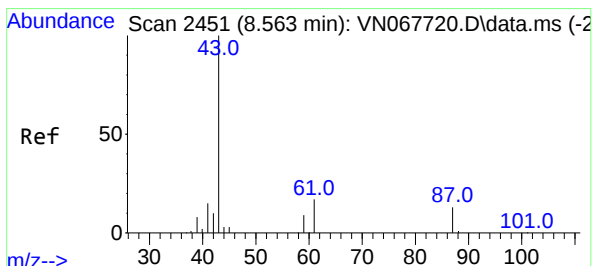
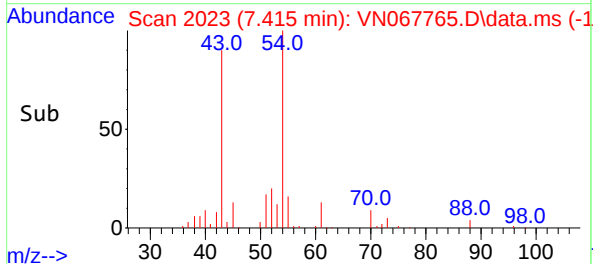
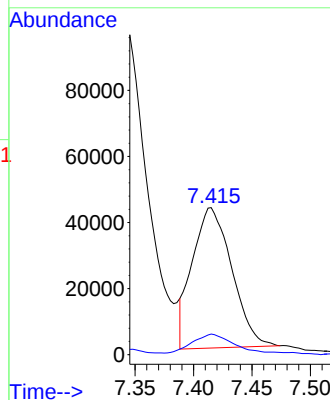
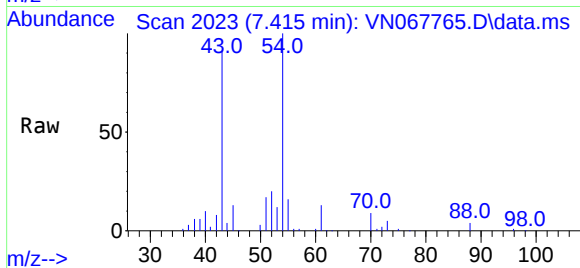
Acq: 15 Jul 2021 16:31

Tgt Ion: 43 Resp: 99692

Ion Ratio Lower Upper

43 100

45 13.4 10.5 15.7



#44

Isopropyl Acetate

Concen: 17.624 ug/l

RT: 8.563 min Scan# 2451

Delta R.T. -0.000 min

Lab File: VN067765.D

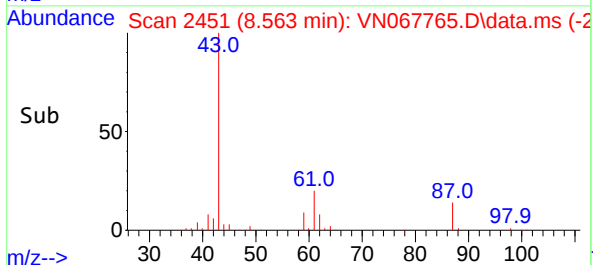
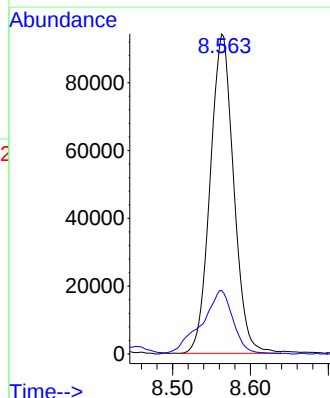
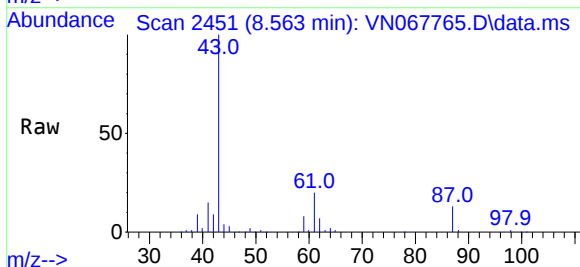
Acq: 15 Jul 2021 16:31

Tgt Ion: 43 Resp: 197619

Ion Ratio Lower Upper

43 100

61 26.3 20.4 30.6



Instrument :

MSVOA_N

ClientSampleId :

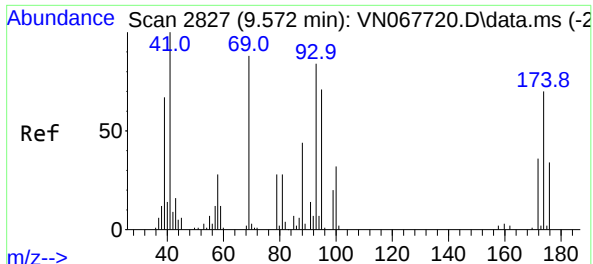
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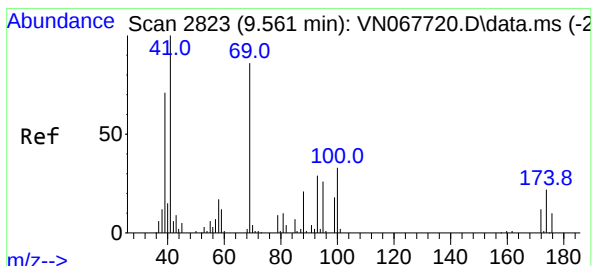
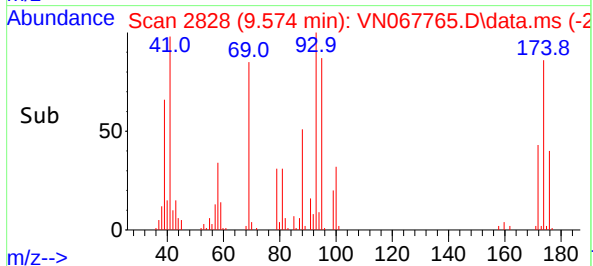
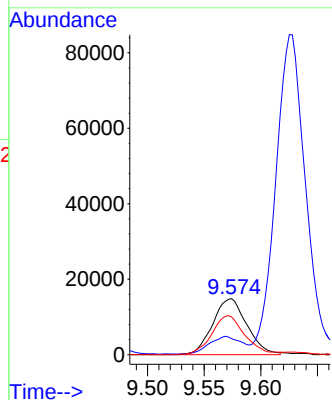
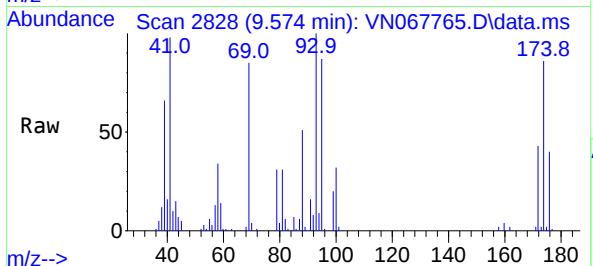
#45
1,4-Dioxane
Concen: 366.221 ug/l
RT: 9.574 min Scan# 2828
Delta R.T. 0.003 min
Lab File: VN067765.D
Acq: 15 Jul 2021 16:31

Tgt Ion: 88 Resp: 31097
Ion Ratio Lower Upper
88 100
43 29.6 26.9 40.3
58 66.9 52.2 78.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

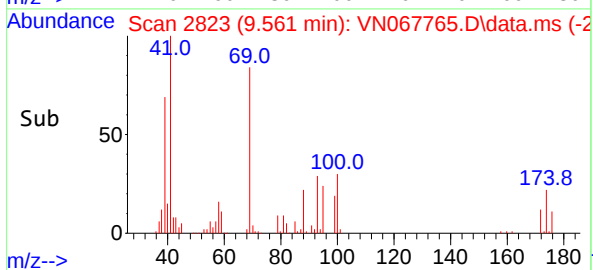
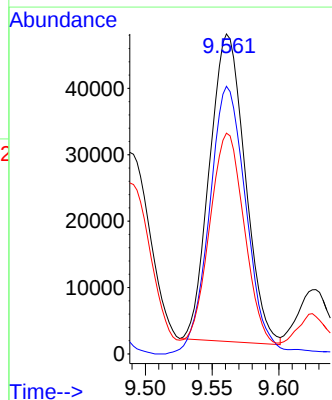
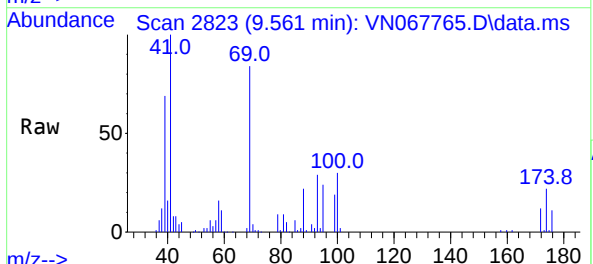
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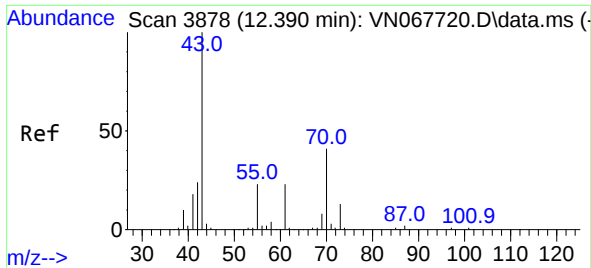
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#46
Methyl methacrylate
Concen: 17.689 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN067765.D
Acq: 15 Jul 2021 16:31

Tgt Ion: 41 Resp: 85624
Ion Ratio Lower Upper
41 100
69 86.3 43.0 128.8
39 68.9 35.5 106.7





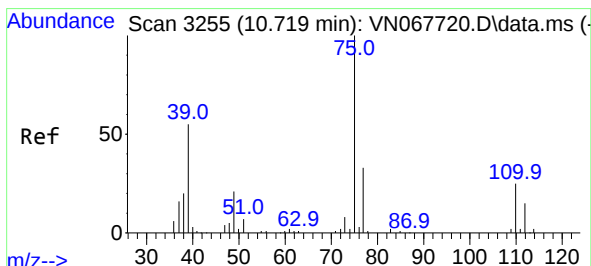
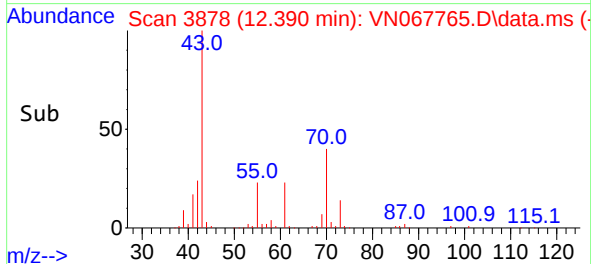
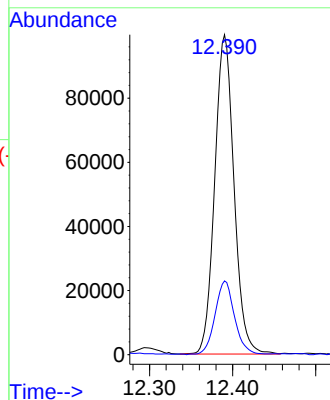
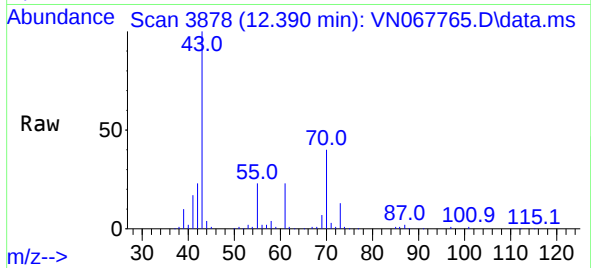
#47
n-amy1 Acetate
Concen: 17.476 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. -0.000 min
Lab File: VN067765.D
Acq: 15 Jul 2021 16:31

Tgt Ion: 43 Resp: 160859
Ion Ratio Lower Upper
43 100
55 23.5 19.0 28.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

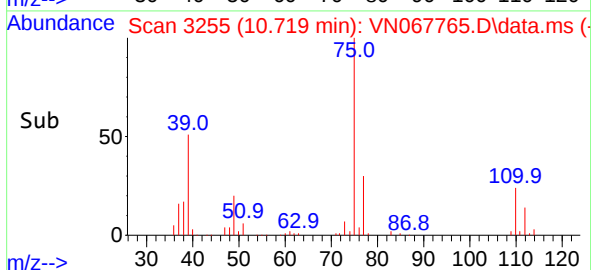
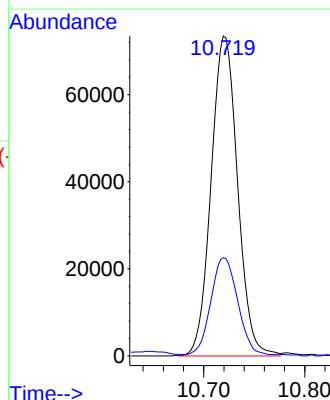
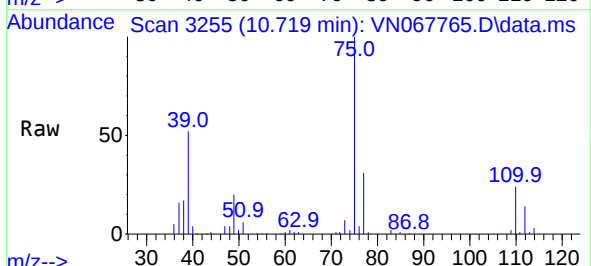
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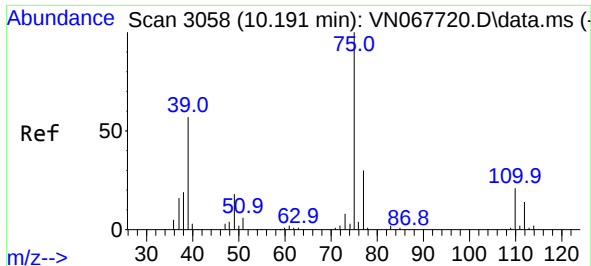
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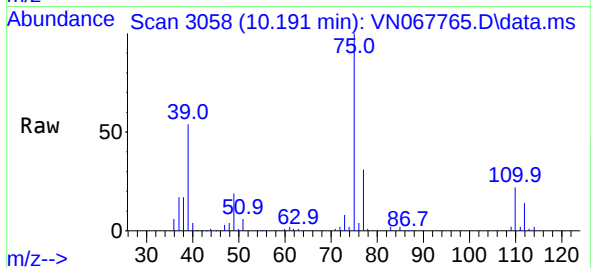
#48
t-1,3-Dichloropropene
Concen: 17.483 ug/l
RT: 10.719 min Scan# 3255
Delta R.T. -0.000 min
Lab File: VN067765.D
Acq: 15 Jul 2021 16:31

Tgt Ion: 75 Resp: 133724
Ion Ratio Lower Upper
75 100
77 30.2 27.0 40.4

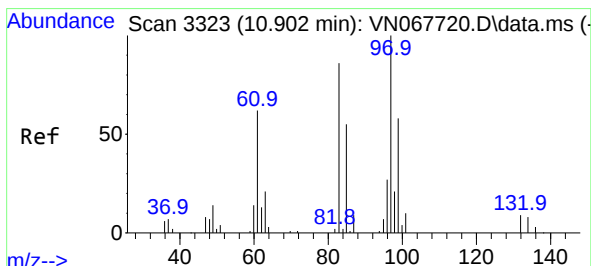
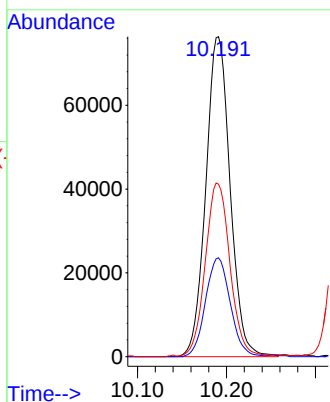
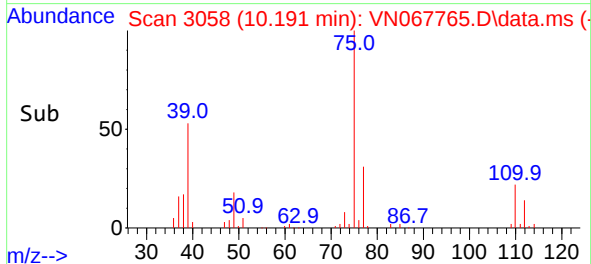




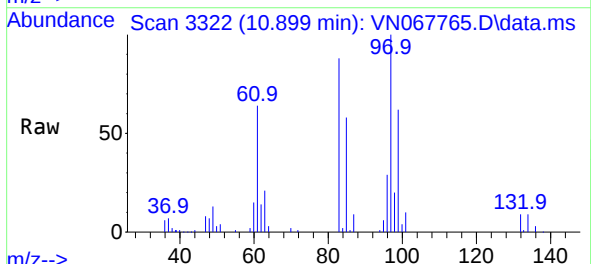
#49
cis-1,3-Dichloropropene
Concen: 17.847 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. -0.000 min
Lab File: VN067765.D
Acq: 15 Jul 2021 16:31



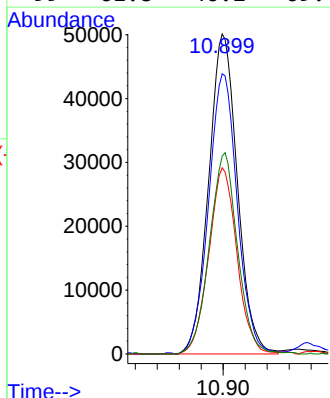
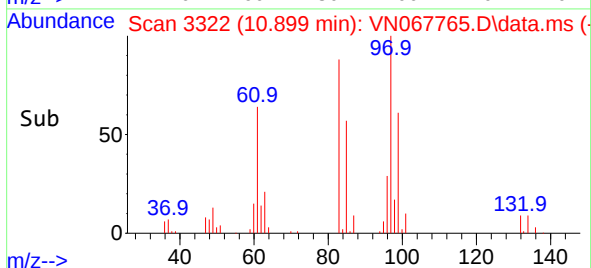
Tgt Ion: 75 Resp: 144904
Ion Ratio Lower Upper
75 100
77 30.9 23.8 35.6
39 53.6 45.3 67.9



#50
1,1,2-Trichloroethane
Concen: 17.604 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. -0.003 min
Lab File: VN067765.D
Acq: 15 Jul 2021 16:31



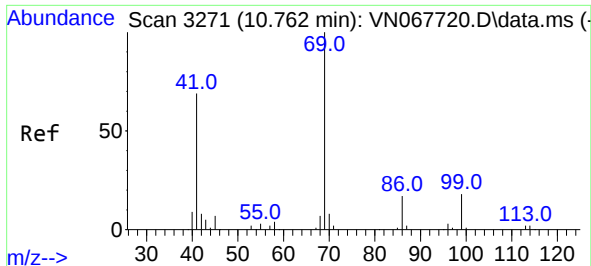
Tgt Ion: 97 Resp: 90835
Ion Ratio Lower Upper
97 100
83 87.5 69.0 103.4
85 58.2 43.8 65.8
99 61.8 46.2 69.4



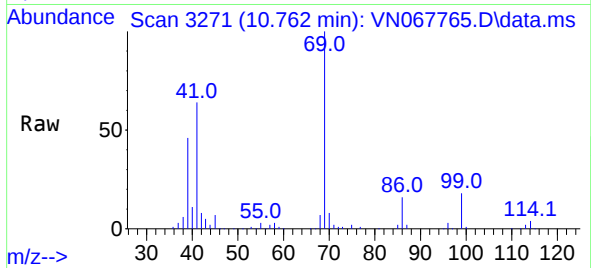
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

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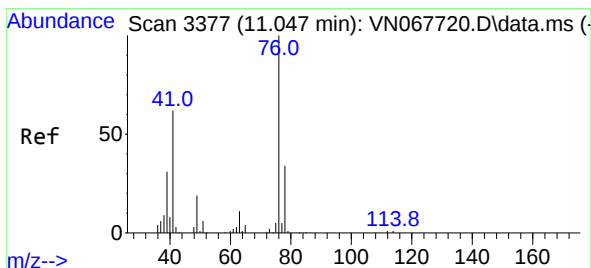
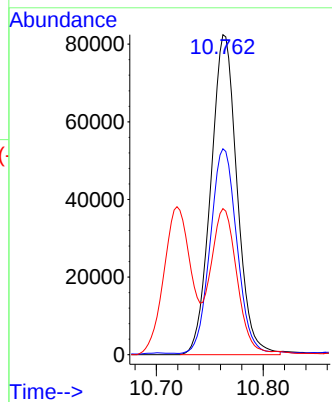
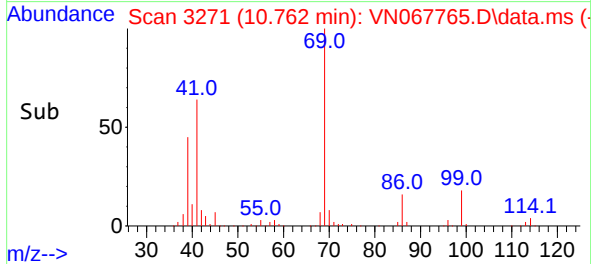
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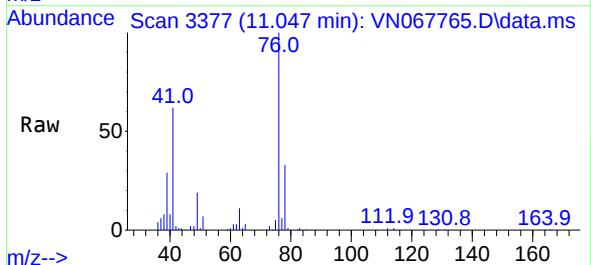
#51
Ethyl methacrylate
Concen: 17.544 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. -0.000 min
Lab File: VN067765.D
Acq: 15 Jul 2021 16:31



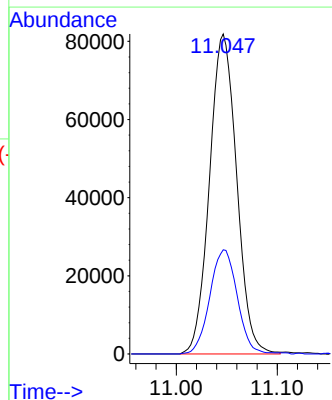
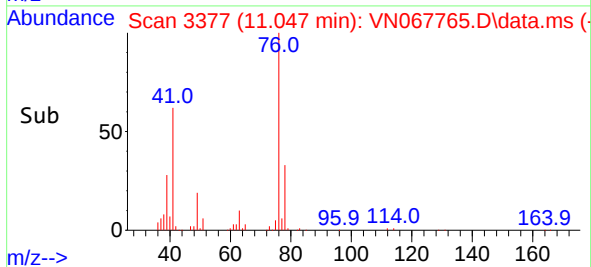
Tgt Ion: 69 Resp: 140775
Ion Ratio Lower Upper
69 100
41 64.0 34.3 102.9
39 44.7 23.7 71.1



#52
1,3-Dichloropropane
Concen: 17.916 ug/l
RT: 11.047 min Scan# 3377
Delta R.T. -0.000 min
Lab File: VN067765.D
Acq: 15 Jul 2021 16:31



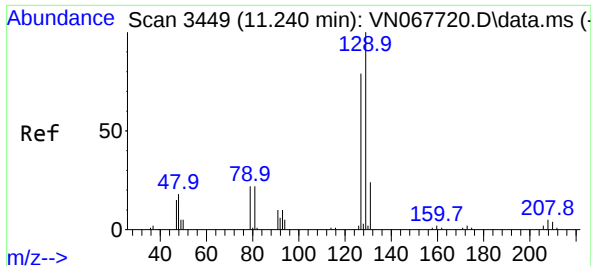
Tgt Ion: 76 Resp: 152862
Ion Ratio Lower Upper
76 100
78 32.8 0.0 67.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

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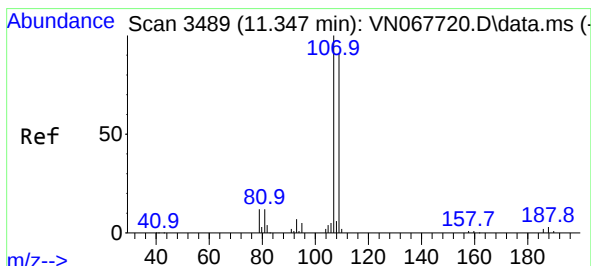
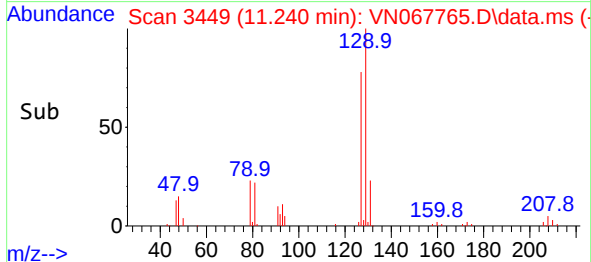
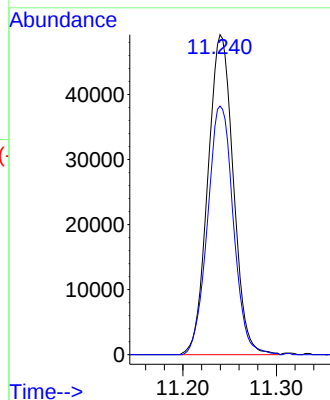
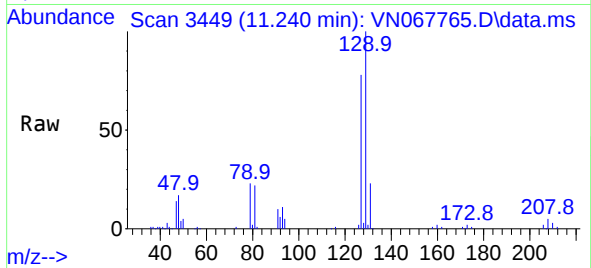
#53
Dibromochloromethane
Concen: 17.215 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. -0.000 min
Lab File: VN067765.D
Acq: 15 Jul 2021 16:31

Tgt Ion:129 Resp: 92988
Ion Ratio Lower Upper
129 100
127 78.9 39.6 118.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

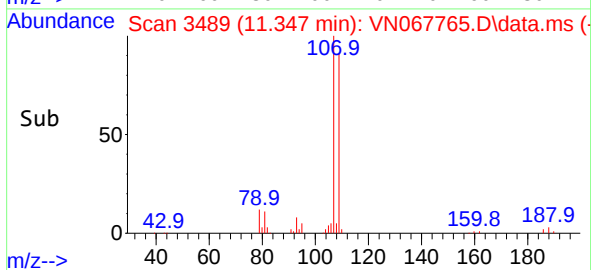
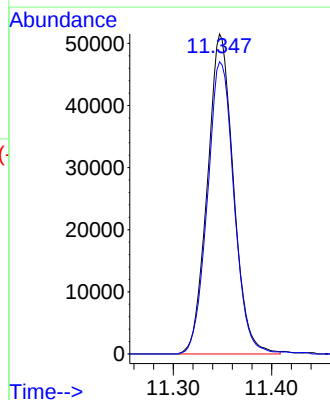
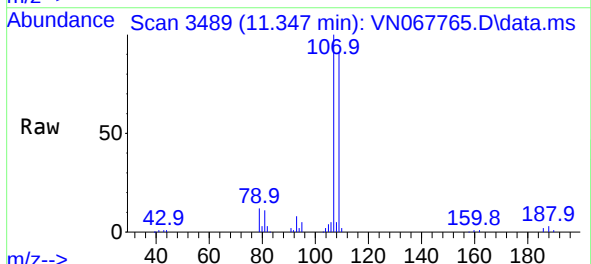
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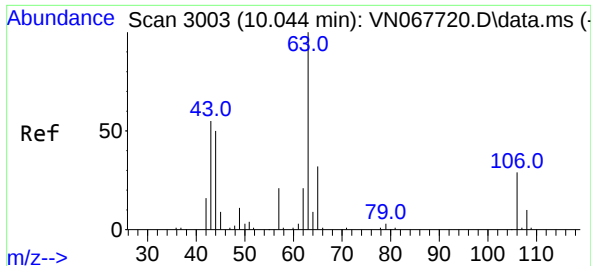
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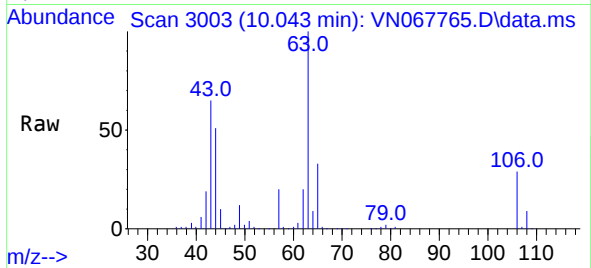
#54
1,2-Dibromoethane
Concen: 17.865 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN067765.D
Acq: 15 Jul 2021 16:31

Tgt Ion:107 Resp: 95087
Ion Ratio Lower Upper
107 100
109 92.8 74.6 111.8

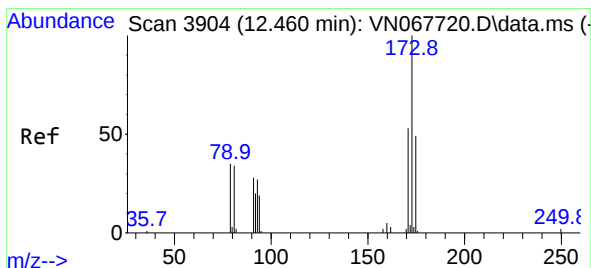
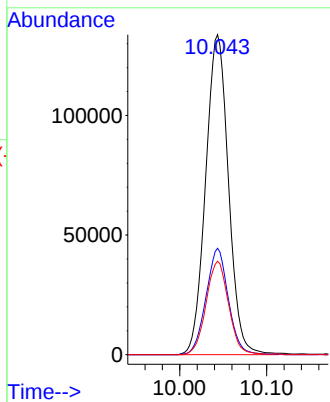
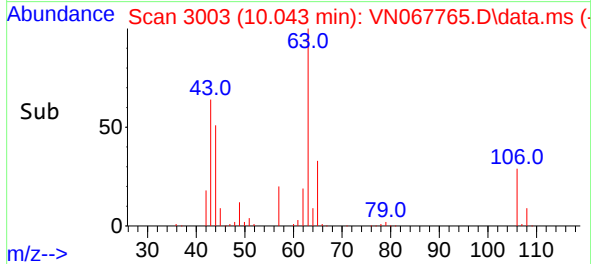




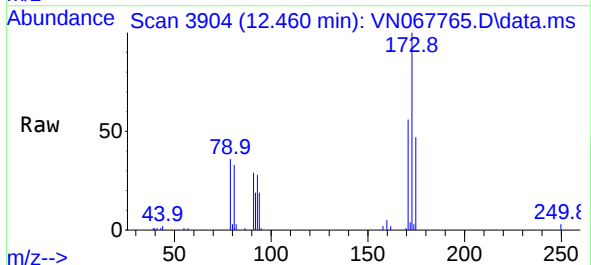
#55
2-Chloroethyl vinyl ether
Concen: 157.451 ug/l
RT: 10.043 min Scan# 3003
Delta R.T. -0.000 min
Lab File: VN067765.D
Acq: 15 Jul 2021 16:31



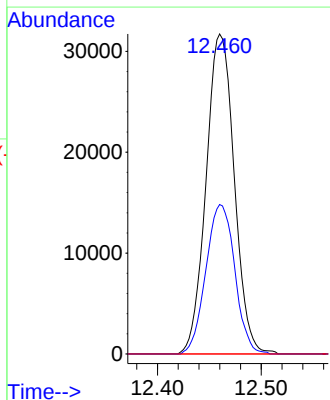
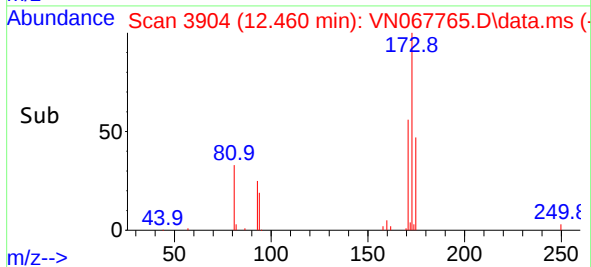
Tgt Ion: 63 Resp: 244356
Ion Ratio Lower Upper
63 100
65 32.5 25.5 38.3
106 28.7 22.1 33.1



#56
Bromoform
Concen: 15.835 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. -0.000 min
Lab File: VN067765.D
Acq: 15 Jul 2021 16:31



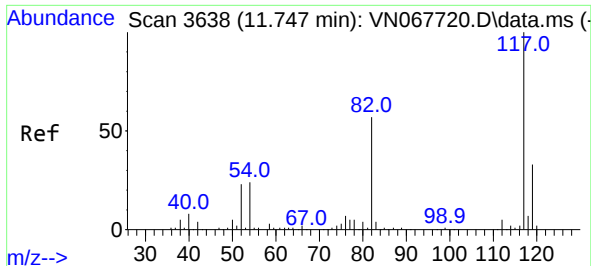
Tgt Ion: 173 Resp: 59927
Ion Ratio Lower Upper
173 100
175 47.9 38.5 57.7
254 0.0 0.0 0.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

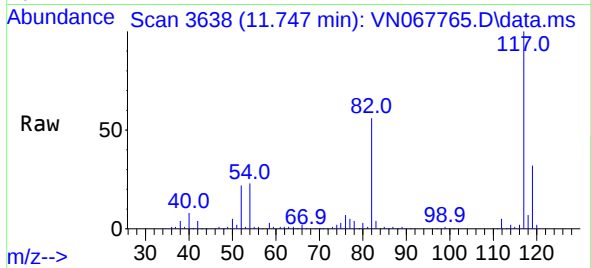
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#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN067765.D
Acq: 15 Jul 2021 16:31

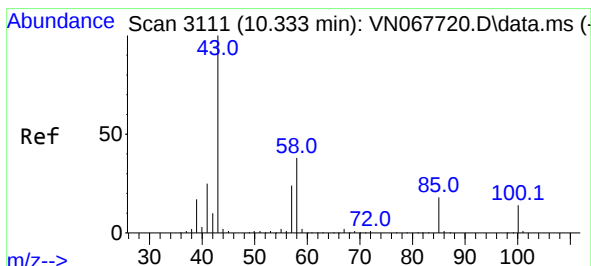
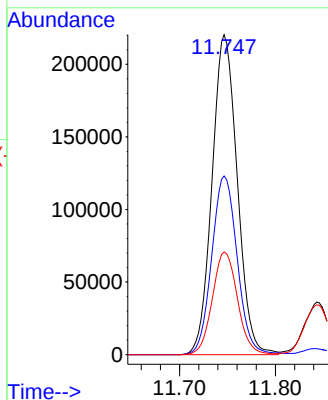
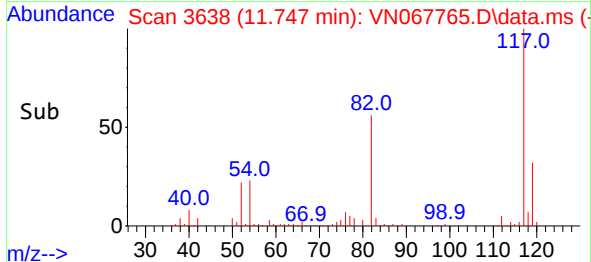
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



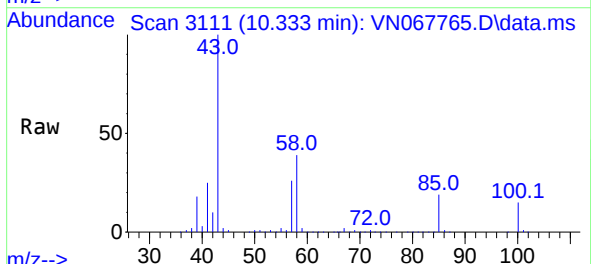
Tgt Ion:117 Resp: 402849
Ion Ratio Lower Upper
117 100
82 56.4 45.4 68.0
119 32.0 25.7 38.5

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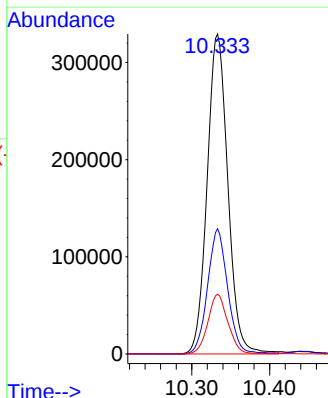
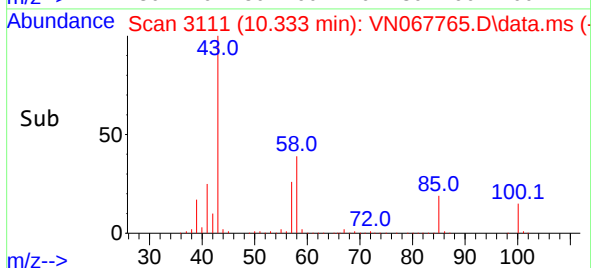
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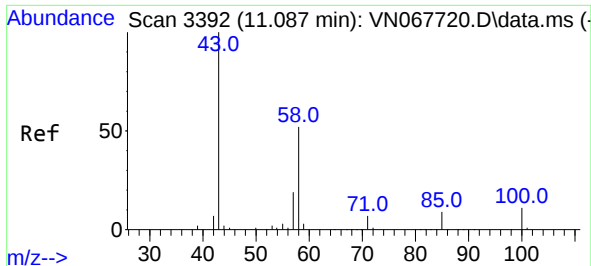


#58
4-Methyl-2-Pentanone
Concen: 87.946 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. -0.000 min
Lab File: VN067765.D
Acq: 15 Jul 2021 16:31



Tgt Ion: 43 Resp: 608349
Ion Ratio Lower Upper
43 100
58 37.8 29.9 44.9
85 18.1 14.1 21.1





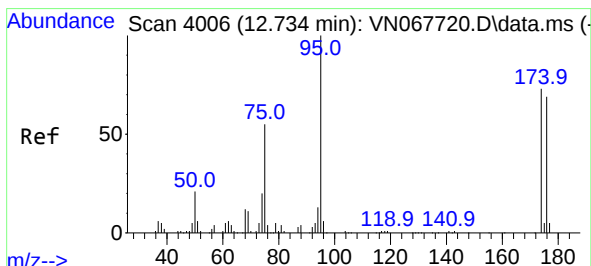
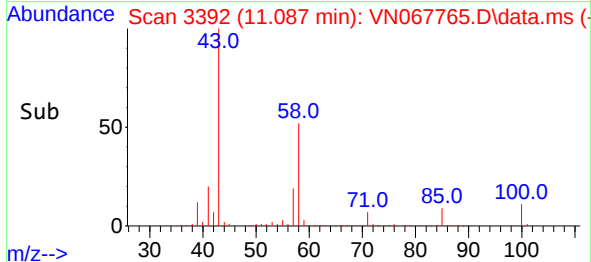
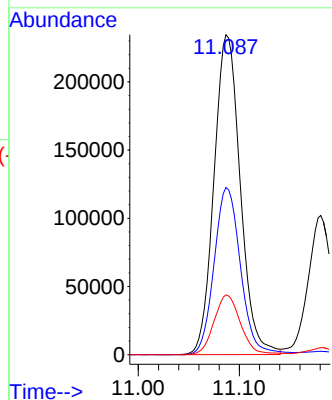
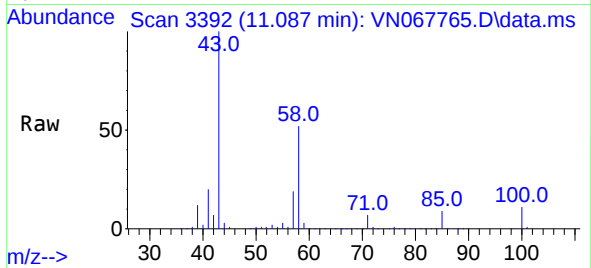
#59
2-Hexanone
Concen: 87.349 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. -0.000 min
Lab File: VN067765.D
Acq: 15 Jul 2021 16:31

Tgt Ion: 43 Resp: 423648
Ion Ratio Lower Upper
43 100
58 52.6 41.5 62.3
57 18.7 15.1 22.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

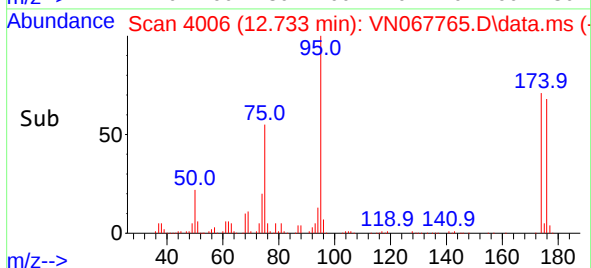
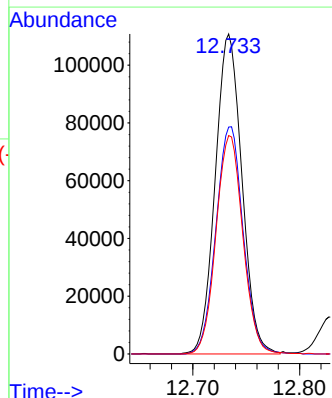
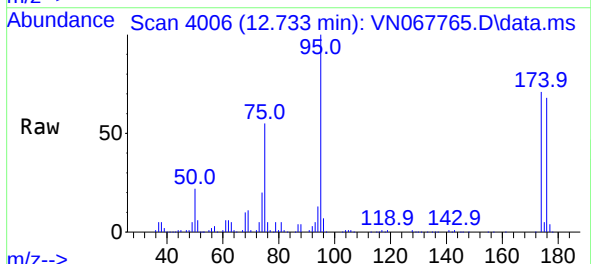
Manual Integrations
APPROVED

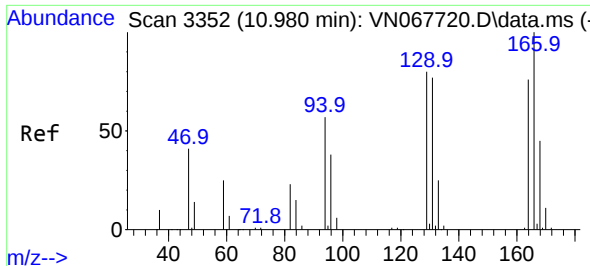
MMDadoda
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#60
4-Bromofluorobenzene
Concen: 29.362 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN067765.D
Acq: 15 Jul 2021 16:31

Tgt Ion: 95 Resp: 192099
Ion Ratio Lower Upper
95 100
174 72.6 57.1 85.7
176 68.7 54.6 81.8





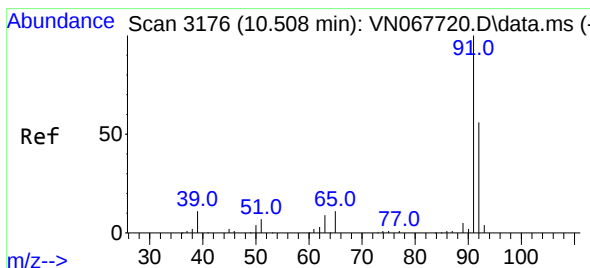
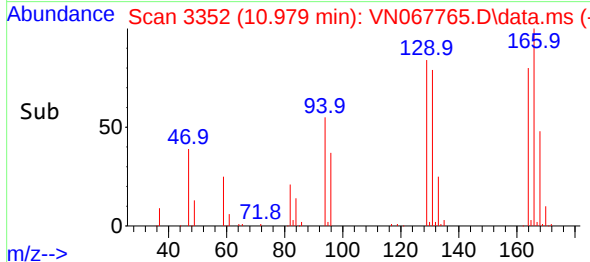
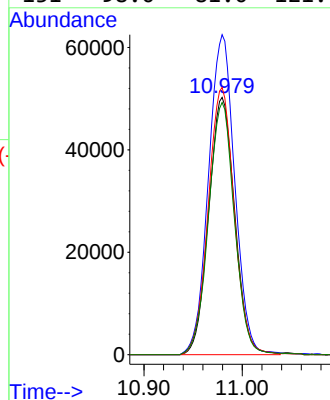
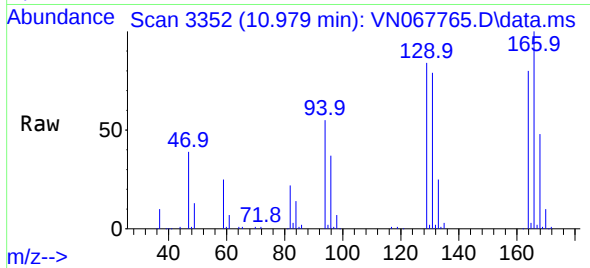
#61
Tetrachloroethene
Concen: 18.712 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. -0.000 min
Lab File: VN067765.D
Acq: 15 Jul 2021 16:31

Tgt Ion:164 Resp: 92599
Ion Ratio Lower Upper
164 100
166 124.4 105.5 158.3
129 103.9 84.5 126.7
131 98.0 81.0 121.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

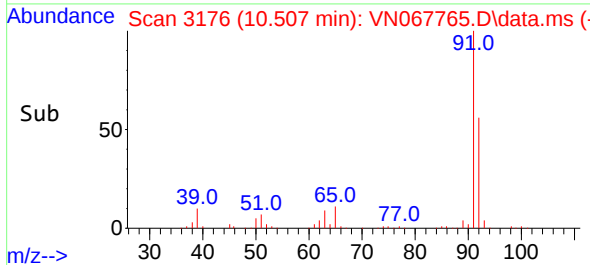
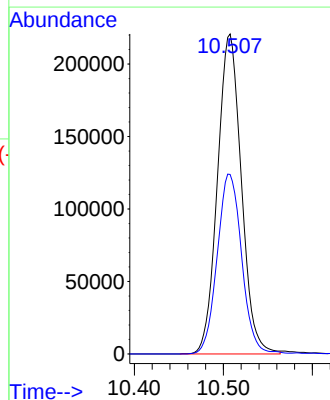
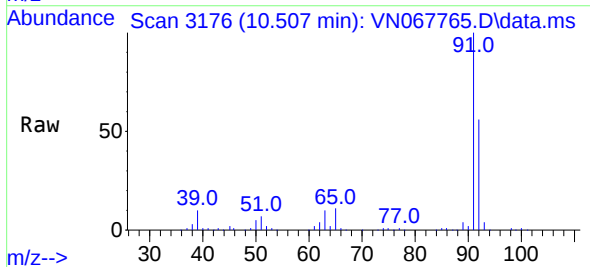
Manual Integrations
APPROVED

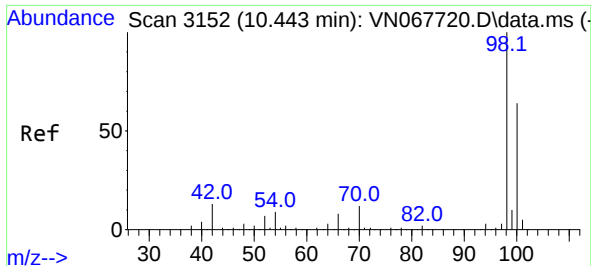
MMDadoda
7/16/2021 10:40:31 AM



#62
Toluene
Concen: 17.386 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. -0.000 min
Lab File: VN067765.D
Acq: 15 Jul 2021 16:31

Tgt Ion: 91 Resp: 411972
Ion Ratio Lower Upper
91 100
92 57.2 44.8 67.2





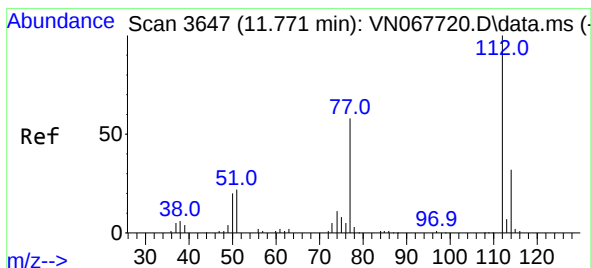
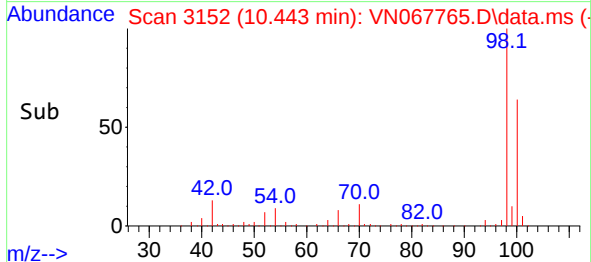
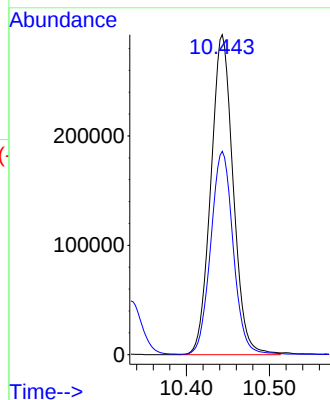
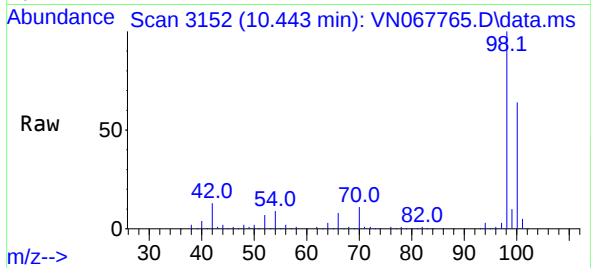
#63
Toluene-d8
Concen: 29.505 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN067765.D
Acq: 15 Jul 2021 16:31

Tgt Ion: 98 Resp: 546696
Ion Ratio Lower Upper
98 100
100 63.6 51.0 76.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

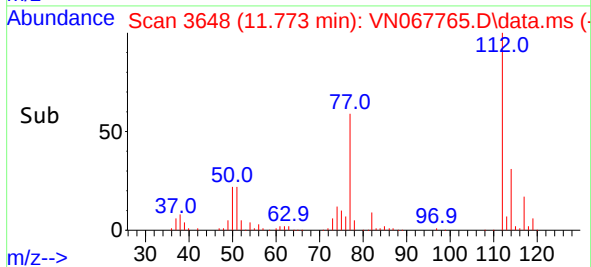
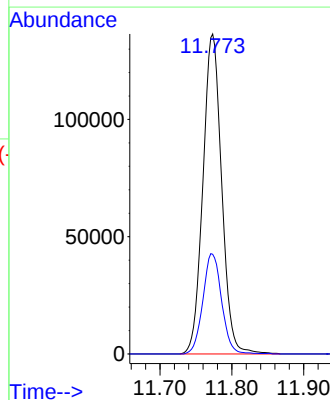
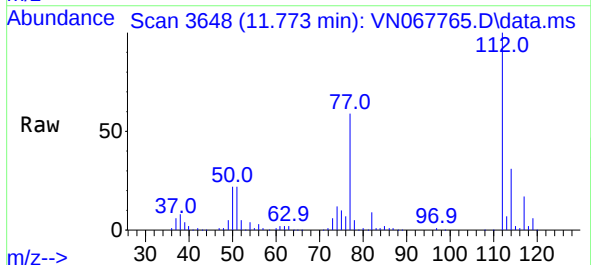
Manual Integrations
APPROVED

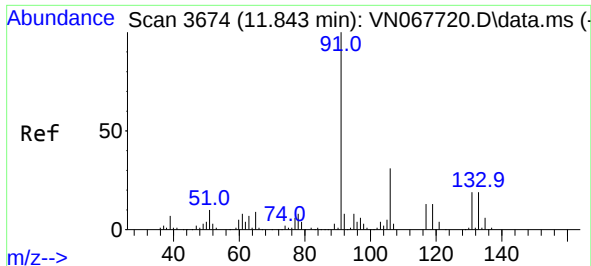
MMDadoda
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#64
Chlorobenzene
Concen: 17.458 ug/l
RT: 11.773 min Scan# 3648
Delta R.T. 0.003 min
Lab File: VN067765.D
Acq: 15 Jul 2021 16:31

Tgt Ion:112 Resp: 247750
Ion Ratio Lower Upper
112 100
114 31.1 25.2 37.8





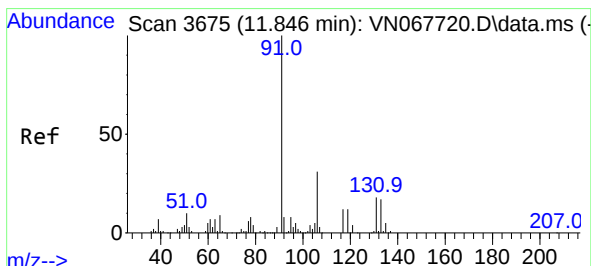
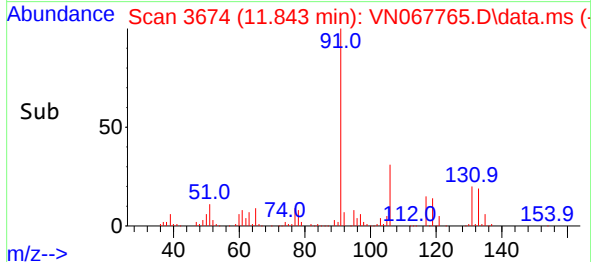
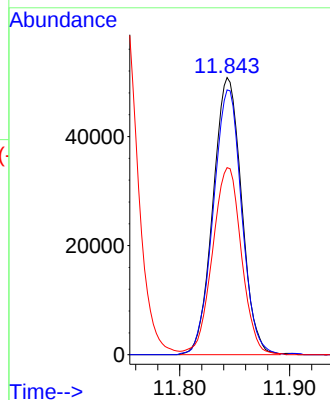
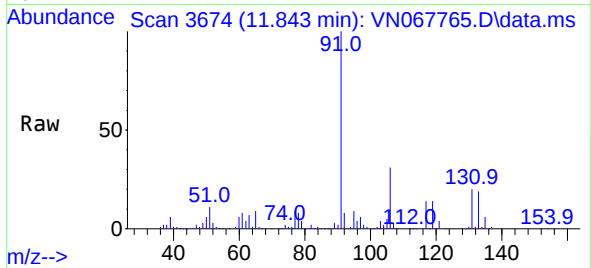
#65
1,1,1,2-Tetrachloroethane
Concen: 17.534 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.000 min
Lab File: VN067765.D
Acq: 15 Jul 2021 16:31

Tgt Ion:	131	Resp:	91674
Ion	Ratio	Lower	Upper
131	100		
133	95.5	0.0	192.6
119	68.6	0.0	133.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

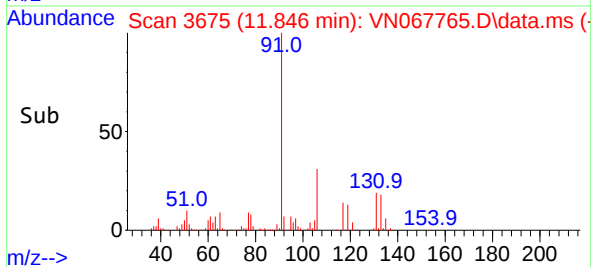
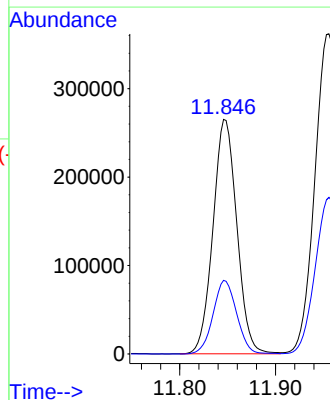
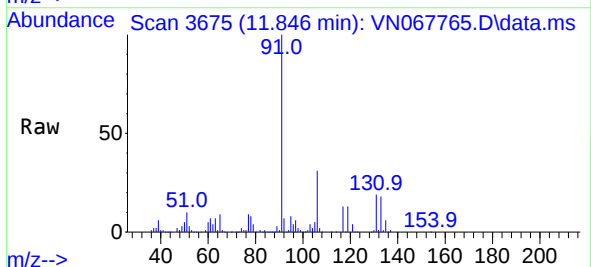
Manual Integrations
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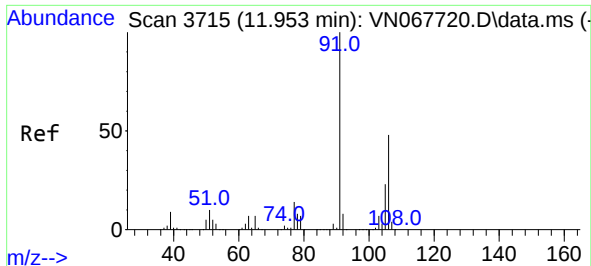
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#66
Ethyl Benzene
Concen: 17.466 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.000 min
Lab File: VN067765.D
Acq: 15 Jul 2021 16:31

Tgt Ion:	91	Resp:	457966
Ion	Ratio	Lower	Upper
91	100		
106	31.4	24.6	37.0





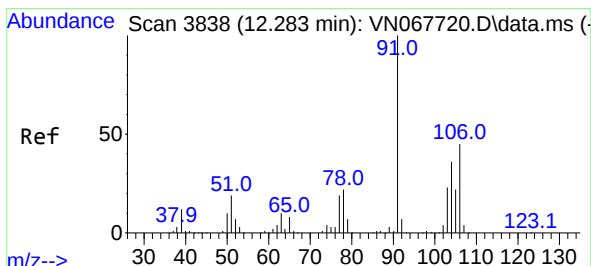
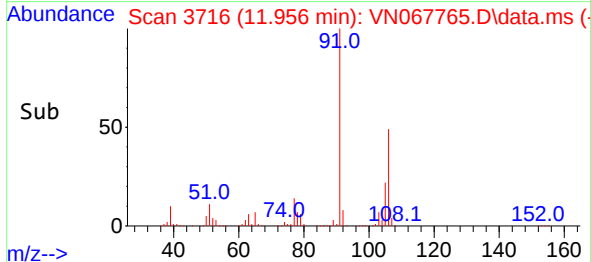
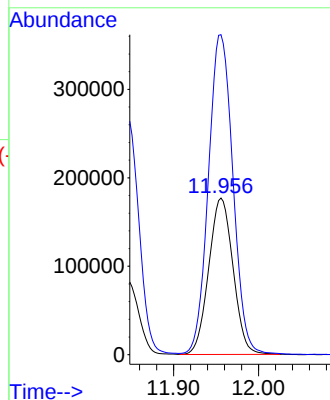
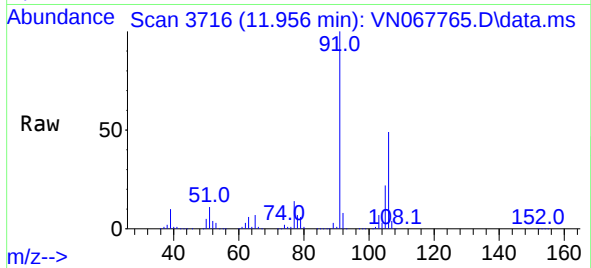
#67
m/p-Xylenes
Concen: 35.143 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.003 min
Lab File: VN067765.D
Acq: 15 Jul 2021 16:31

Tgt Ion:106 Resp: 351471
Ion Ratio Lower Upper
106 100
91 207.0 166.6 250.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

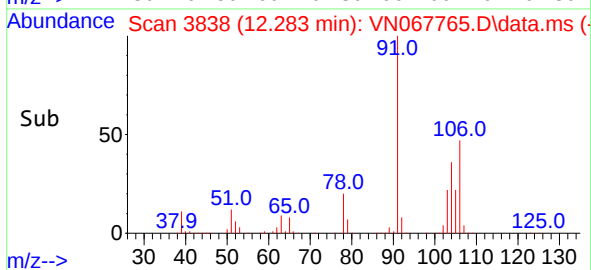
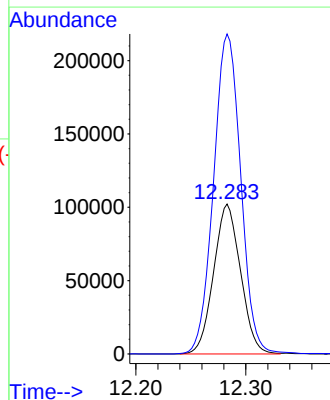
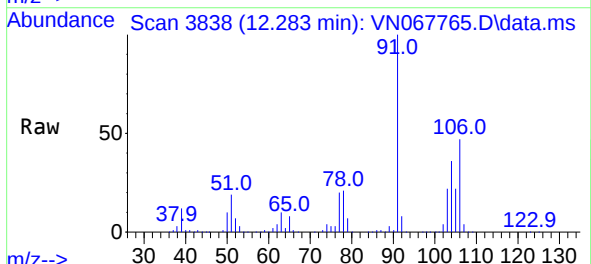
Manual Integrations
APPROVED

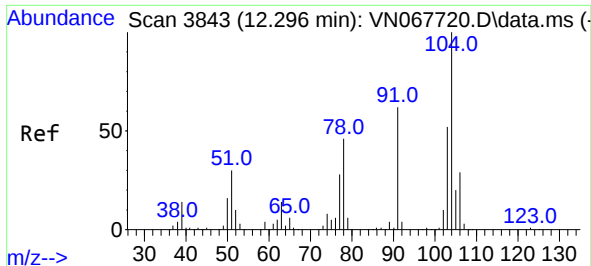
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#68
o-Xylene
Concen: 17.598 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. -0.000 min
Lab File: VN067765.D
Acq: 15 Jul 2021 16:31

Tgt Ion:106 Resp: 173730
Ion Ratio Lower Upper
106 100
91 216.0 109.6 328.8





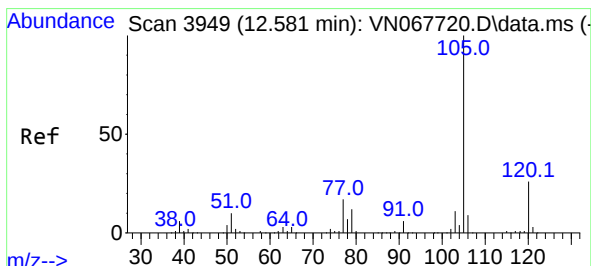
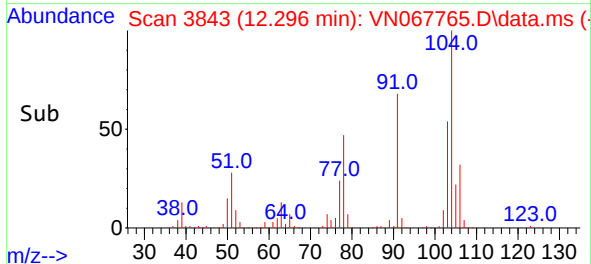
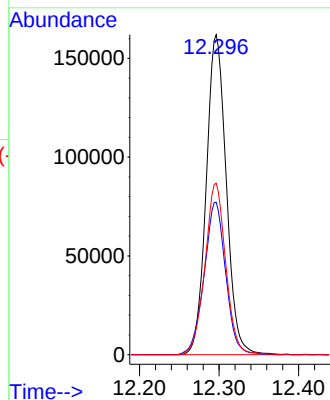
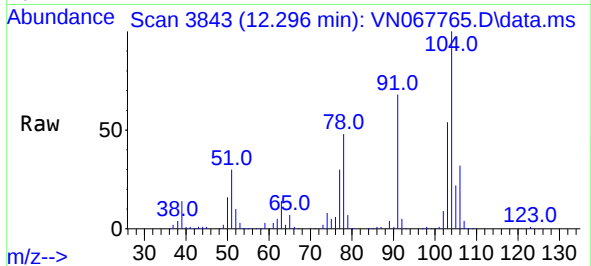
#69
Styrene
Concen: 17.362 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. -0.000 min
Lab File: VN067765.D
Acq: 15 Jul 2021 16:31

Tgt Ion:104 Resp: 283440
Ion Ratio Lower Upper
104 100
78 51.1 40.8 61.2
103 55.8 44.9 67.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

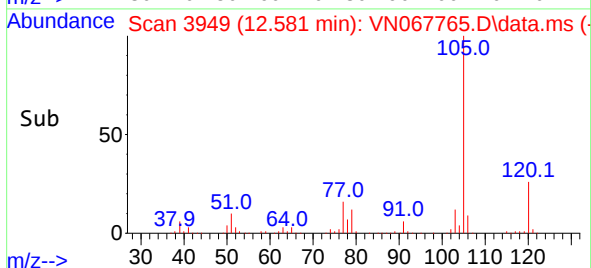
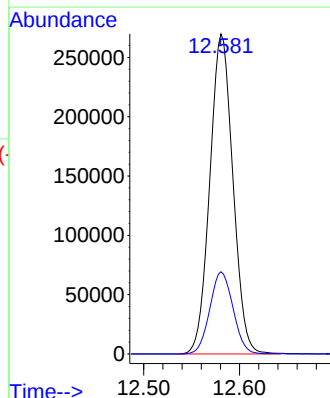
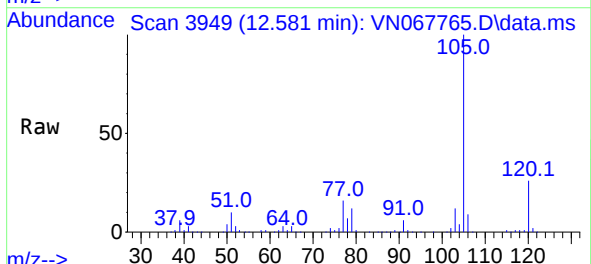
Manual Integrations
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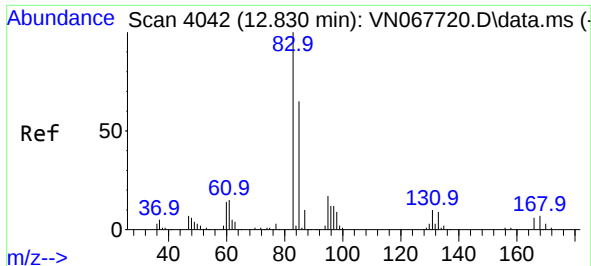
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#70
Isopropylbenzene
Concen: 17.691 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. -0.000 min
Lab File: VN067765.D
Acq: 15 Jul 2021 16:31

Tgt Ion:105 Resp: 450707
Ion Ratio Lower Upper
105 100
120 25.8 17.9 33.3





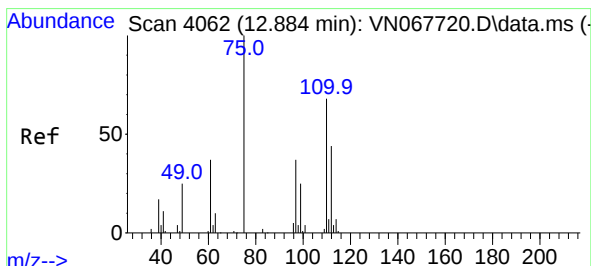
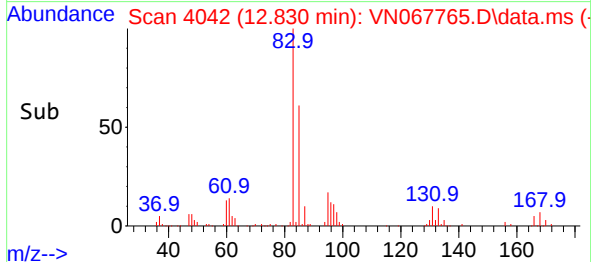
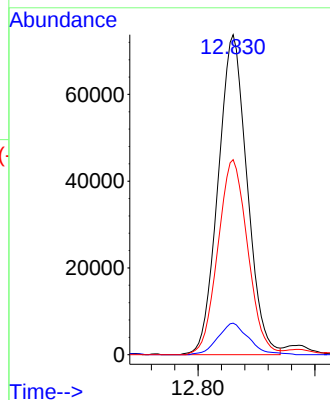
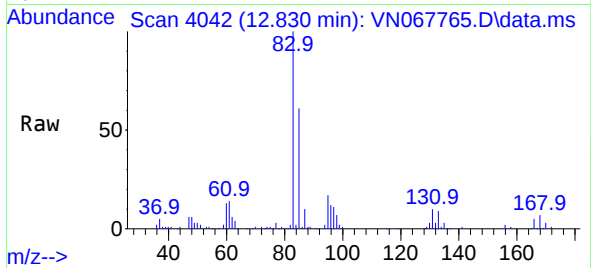
#71
1,1,2,2-Tetrachloroethane
Concen: 17.562 ug/l
RT: 12.830 min Scan# 4042
Delta R.T. -0.000 min
Lab File: VN067765.D
Acq: 15 Jul 2021 16:31

Tgt Ion: 83 Resp: 127029
Ion Ratio Lower Upper
83 100
131 10.5 5.2 15.6
85 62.7 32.0 96.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

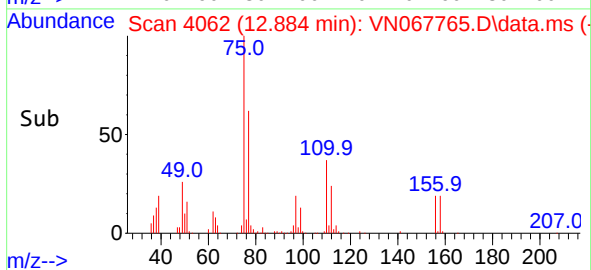
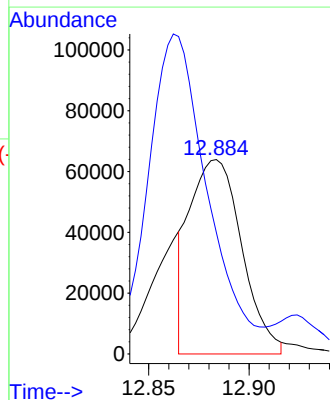
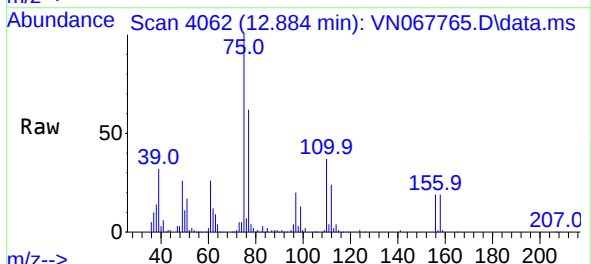
Manual Integrations
APPROVED

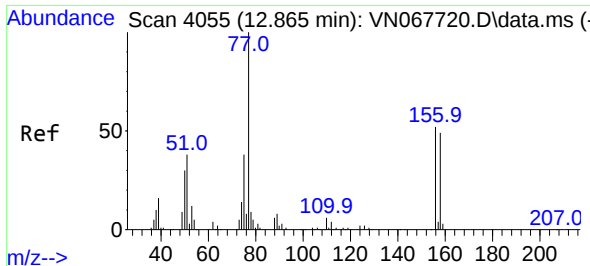
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#72
1,2,3-Trichloropropane
Concen: 19.200 ug/l m
RT: 12.884 min Scan# 4062
Delta R.T. -0.000 min
Lab File: VN067765.D
Acq: 15 Jul 2021 16:31

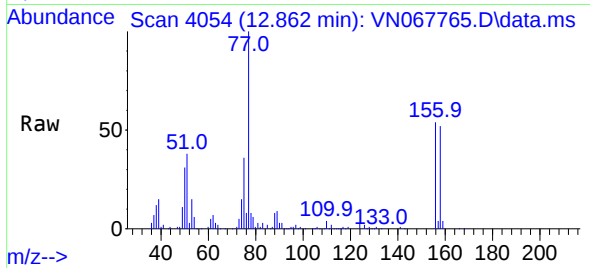
Tgt Ion: 75 Resp: 115459
Ion Ratio Lower Upper
75 100
77 188.2 0.0 365.2





#73
Bromobenzene
Concen: 16.949 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. -0.003 min
Lab File: VN067765.D
Acq: 15 Jul 2021 16:31

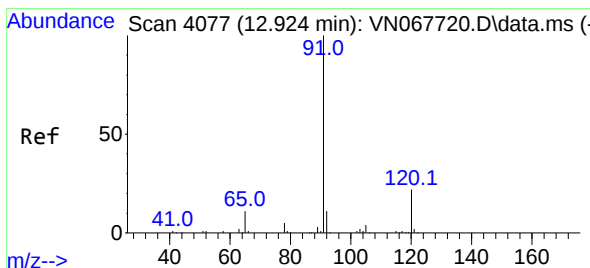
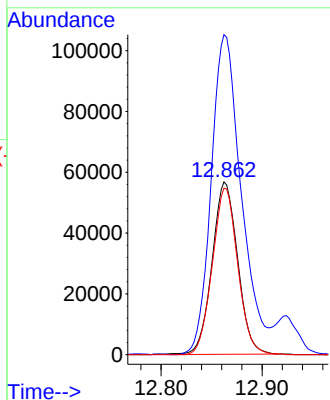
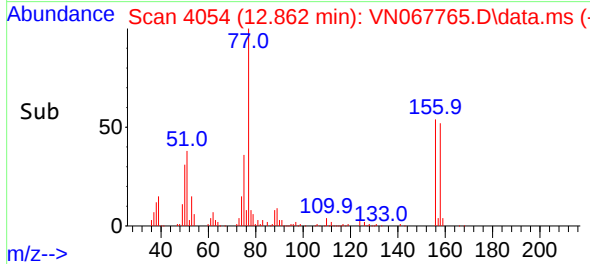
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



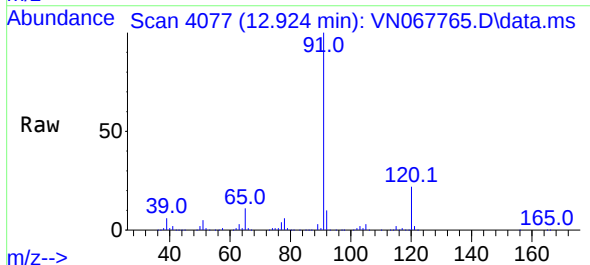
Tgt Ion:156 Resp: 99246
Ion Ratio Lower Upper
156 100
77 218.9 0.0 436.4
158 96.5 0.0 191.4

Manual Integrations
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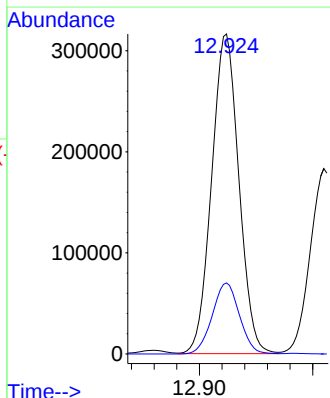
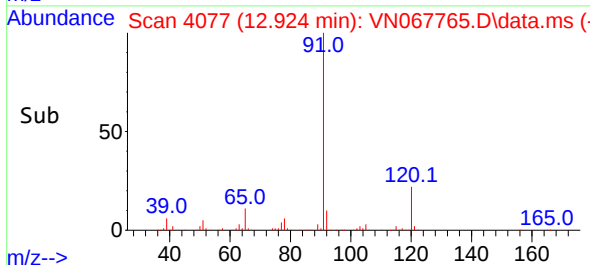
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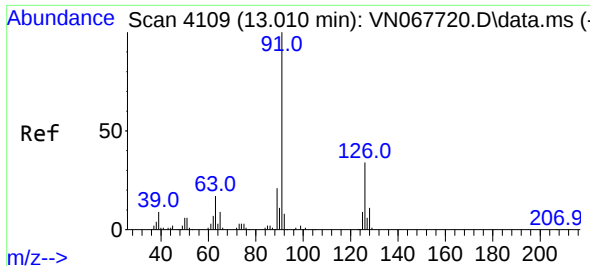


#74
n-propylbenzene
Concen: 18.069 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. -0.000 min
Lab File: VN067765.D
Acq: 15 Jul 2021 16:31



Tgt Ion: 91 Resp: 527488
Ion Ratio Lower Upper
91 100
120 22.2 0.0 44.2





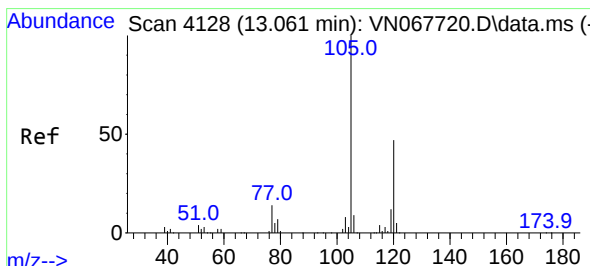
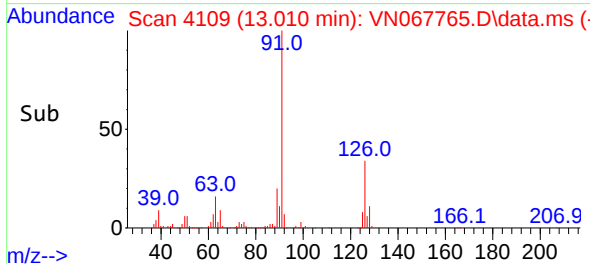
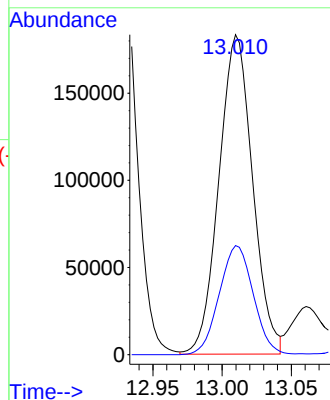
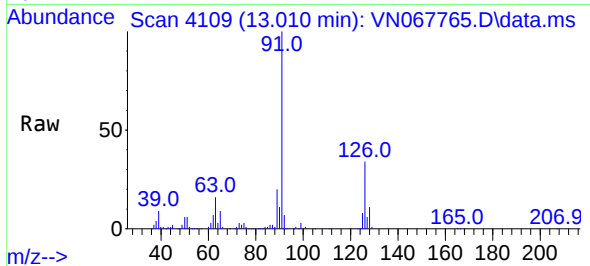
#75
2-Chlorotoluene
Concen: 17.702 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. -0.000 min
Lab File: VN067765.D
Acq: 15 Jul 2021 16:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 310162
Ion Ratio Lower Upper
91 100
126 34.5 0.0 66.2

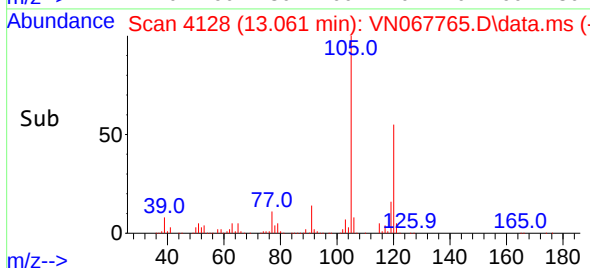
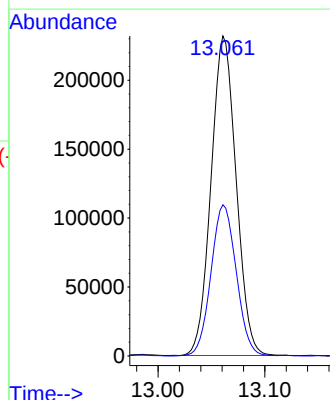
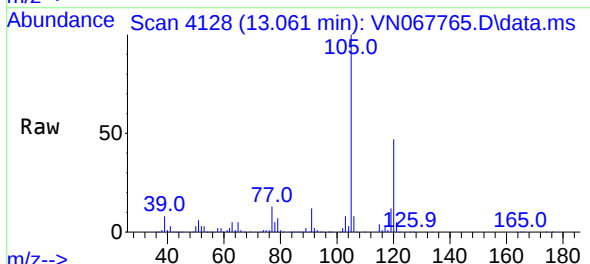
Manual Integrations
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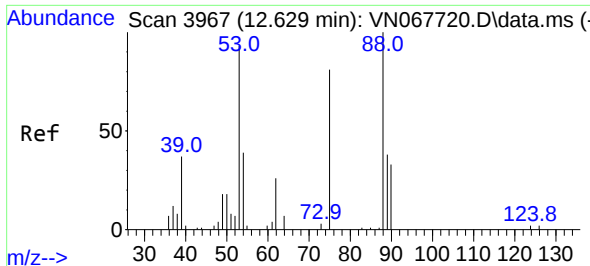
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#76
1,3,5-Trimethylbenzene
Concen: 18.028 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN067765.D
Acq: 15 Jul 2021 16:31

Tgt Ion: 105 Resp: 378141
Ion Ratio Lower Upper
105 100
120 47.7 0.0 96.2





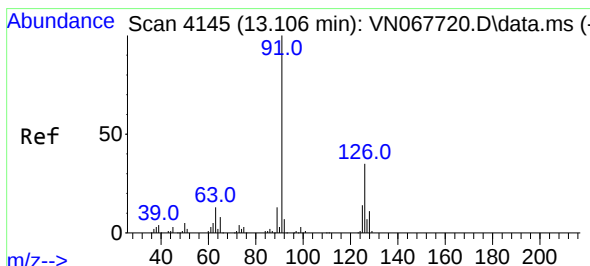
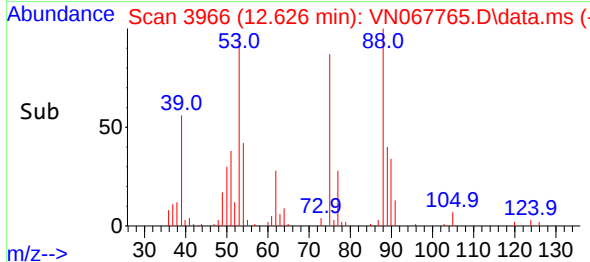
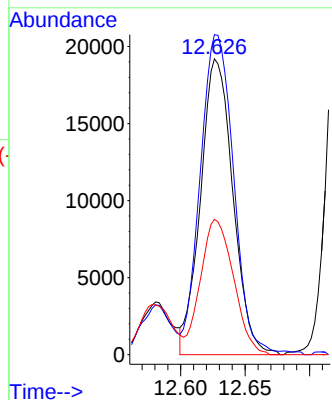
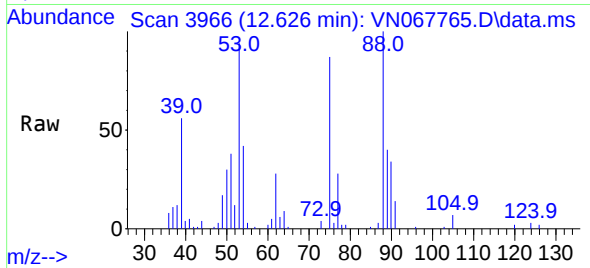
#77
t-1,4-Dichloro-2-butene
Concen: 16.534 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. -0.003 min
Lab File: VN067765.D
Acq: 15 Jul 2021 16:31

Tgt Ion: 75 Resp: 33554
Ion Ratio Lower Upper
75 100
53 107.0 57.0 171.0
89 45.7 24.7 74.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

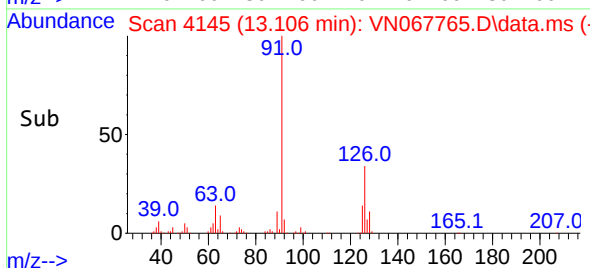
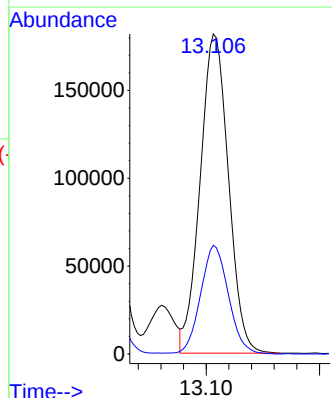
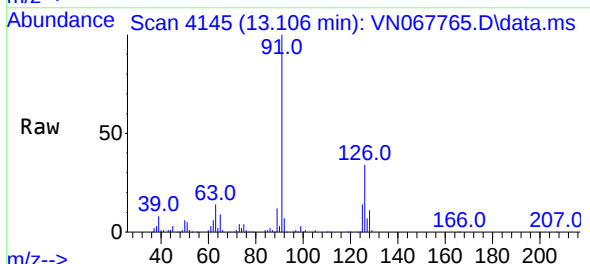
Manual Integrations
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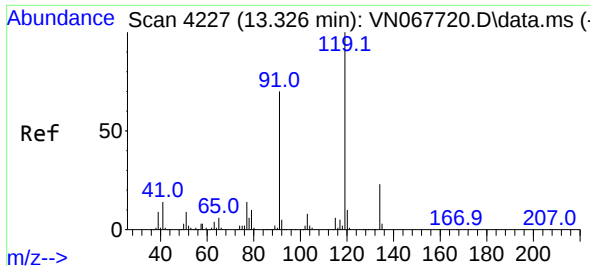
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#78
4-Chlorotoluene
Concen: 18.022 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. -0.000 min
Lab File: VN067765.D
Acq: 15 Jul 2021 16:31

Tgt Ion: 91 Resp: 314829
Ion Ratio Lower Upper
91 100
126 33.6 0.0 66.4





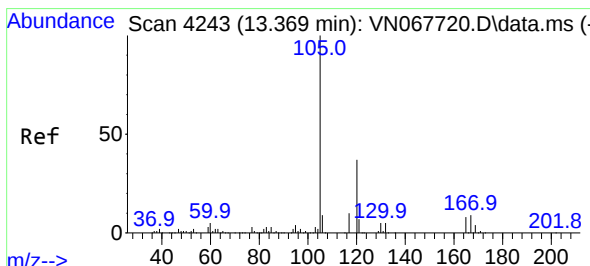
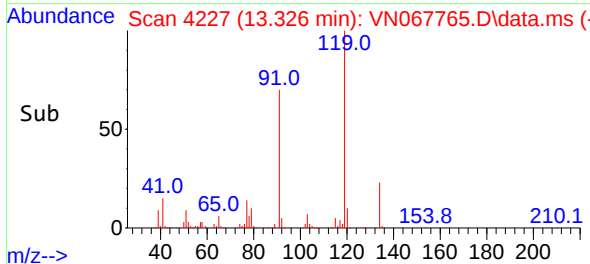
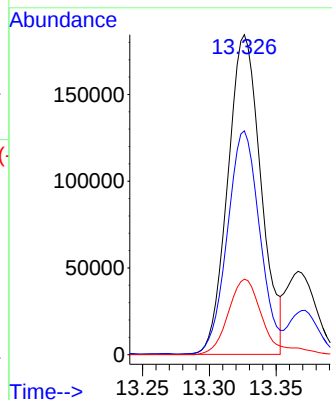
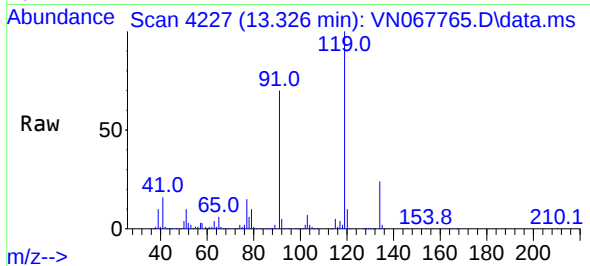
#79
tert-butylbenzene
Concen: 17.694 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. -0.000 min
Lab File: VN067765.D
Acq: 15 Jul 2021 16:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:119 Resp: 318669
Ion Ratio Lower Upper
119 100
91 69.0 0.0 137.2
134 23.6 0.0 50.2

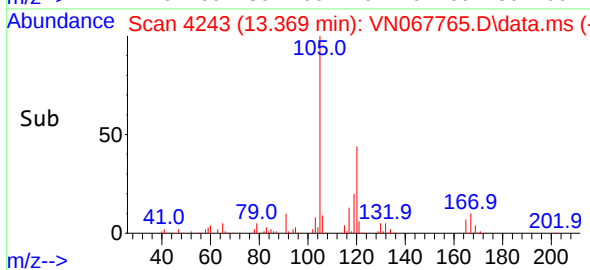
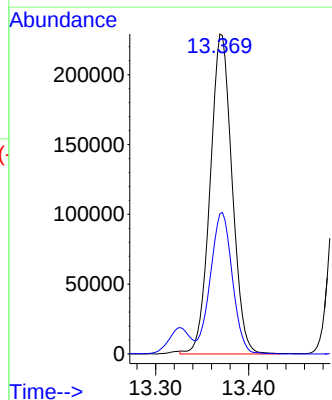
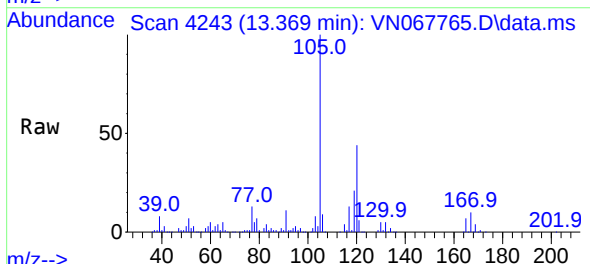
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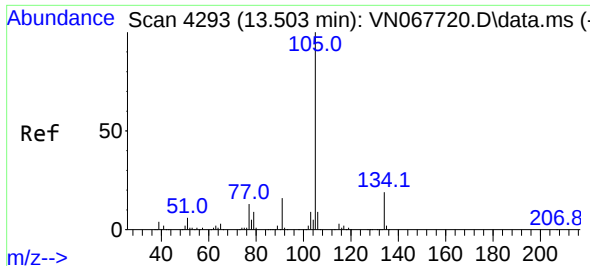
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#80
1,2,4-Trimethylbenzene
Concen: 18.014 ug/l m
RT: 13.369 min Scan# 4243
Delta R.T. -0.000 min
Lab File: VN067765.D
Acq: 15 Jul 2021 16:31

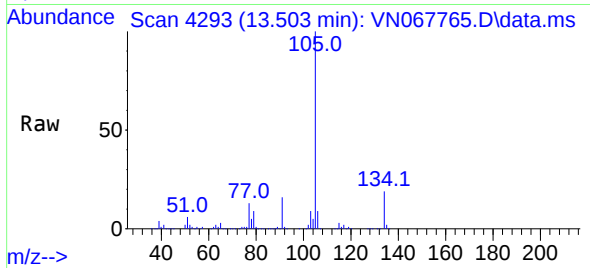
Tgt Ion:105 Resp: 375213
Ion Ratio Lower Upper
105 100
120 0.0 0.0 0.2





#81
sec-Butylbenzene
Concen: 18.015 ug/l
RT: 13.503 min Scan# 4293
Delta R.T. -0.000 min
Lab File: VN067765.D
Acq: 15 Jul 2021 16:31

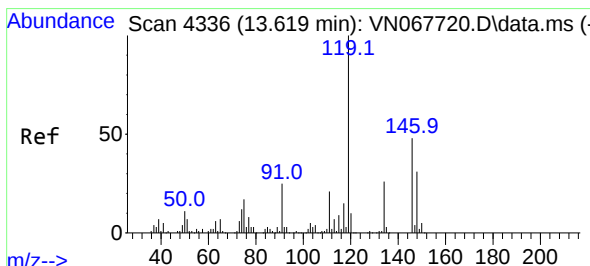
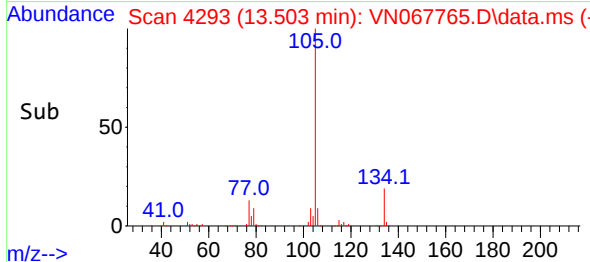
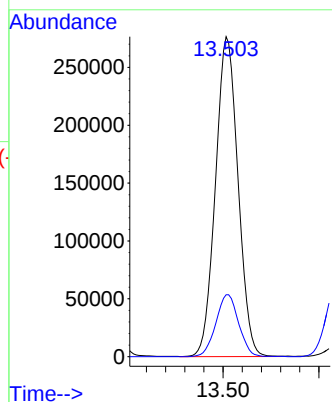
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:105 Resp: 450076
Ion Ratio Lower Upper
105 100
134 19.6 0.0 38.4

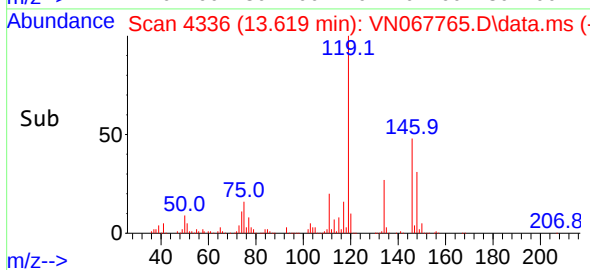
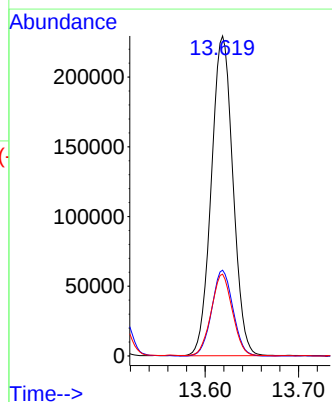
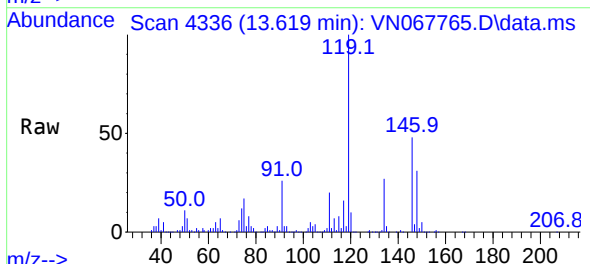
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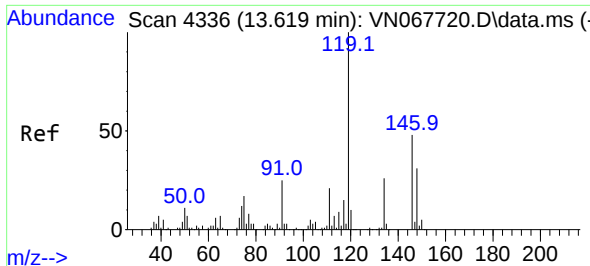
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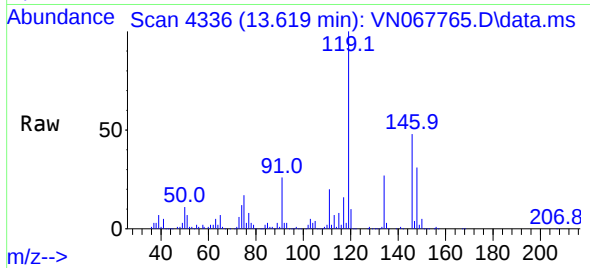
#82
p-Isopropyltoluene
Concen: 17.743 ug/l
RT: 13.619 min Scan# 4336
Delta R.T. -0.000 min
Lab File: VN067765.D
Acq: 15 Jul 2021 16:31

Tgt Ion:119 Resp: 368944
Ion Ratio Lower Upper
119 100
134 26.3 0.0 51.0
91 24.8 0.0 50.6

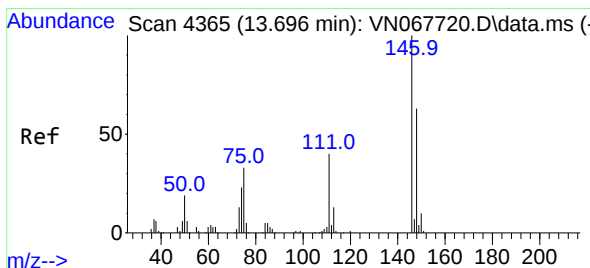
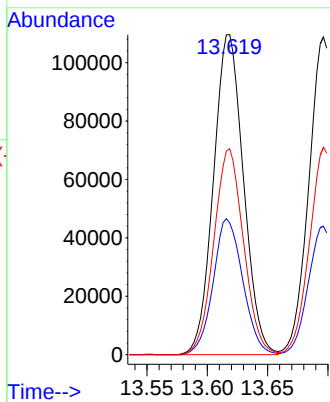
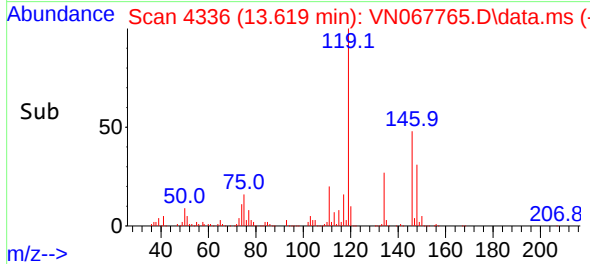




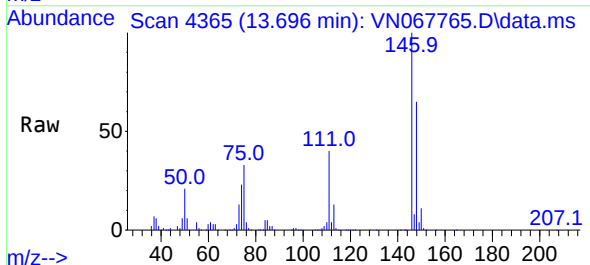
#83
1,3-Dichlorobenzene
Concen: 17.367 ug/l
RT: 13.619 min Scan# 4336
Delta R.T. -0.000 min
Lab File: VN067765.D
Acq: 15 Jul 2021 16:31



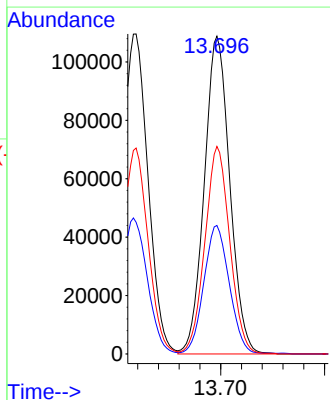
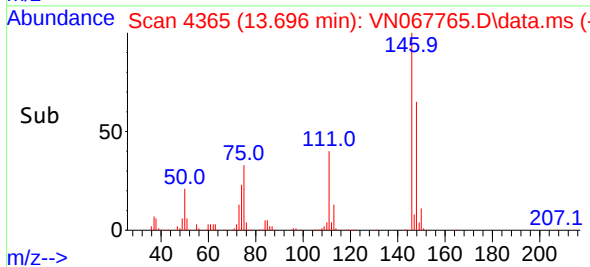
Tgt Ion:146 Resp: 189920
Ion Ratio Lower Upper
146 100
111 41.9 21.1 63.1
148 63.7 31.9 95.7



#84
1,4-Dichlorobenzene
Concen: 17.443 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. -0.000 min
Lab File: VN067765.D
Acq: 15 Jul 2021 16:31



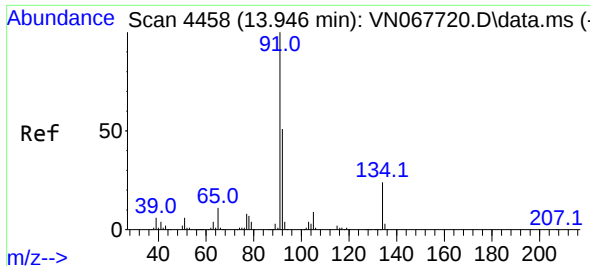
Tgt Ion:146 Resp: 185805
Ion Ratio Lower Upper
146 100
111 39.9 20.0 59.9
148 63.4 31.8 95.3



Instrument :
MSVOA_N
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VSTDCCC020EC

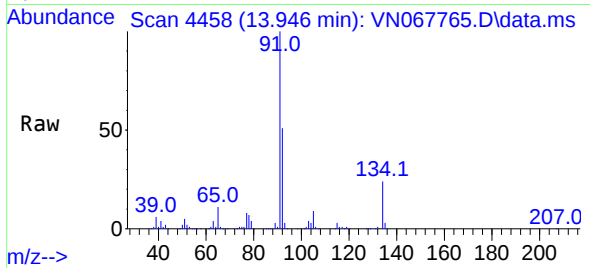
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#85
n-Butylbenzene
Concen: 18.153 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. -0.000 min
Lab File: VN067765.D
Acq: 15 Jul 2021 16:31

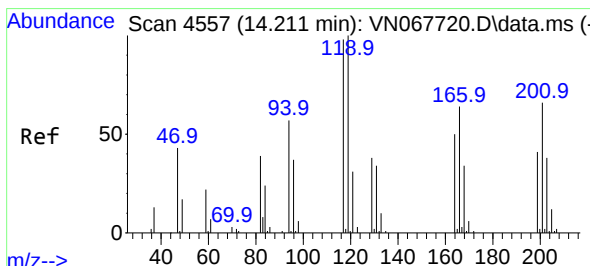
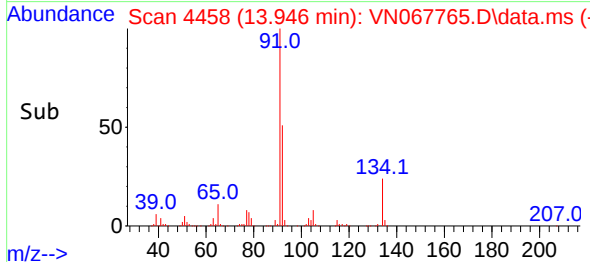
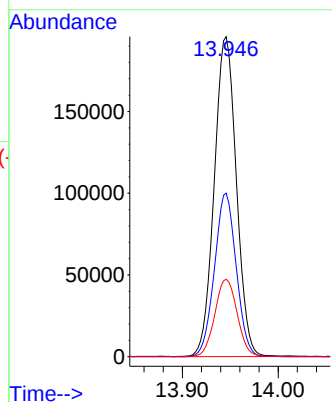
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 91 Resp: 313149
Ion Ratio Lower Upper
91 100
92 50.3 0.0 102.6
134 24.5 0.0 48.6

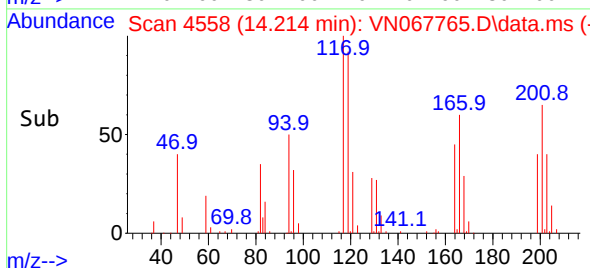
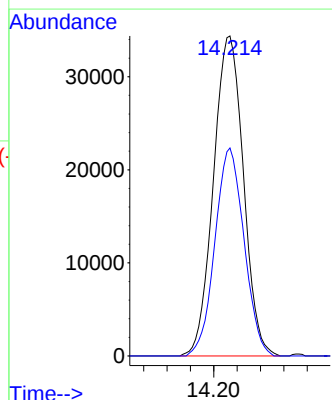
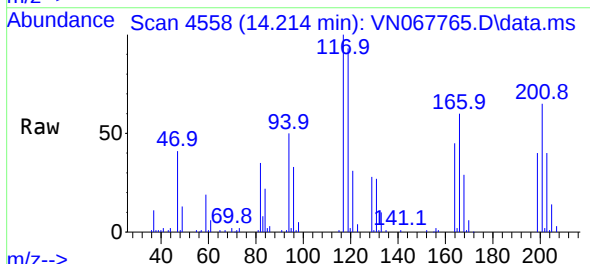
Manual Integrations
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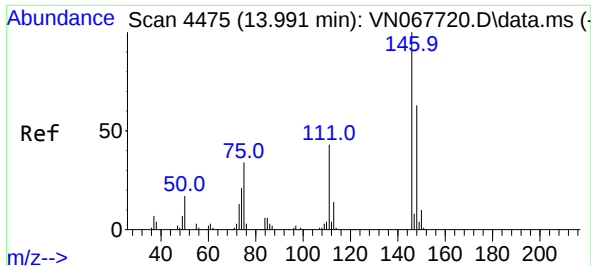
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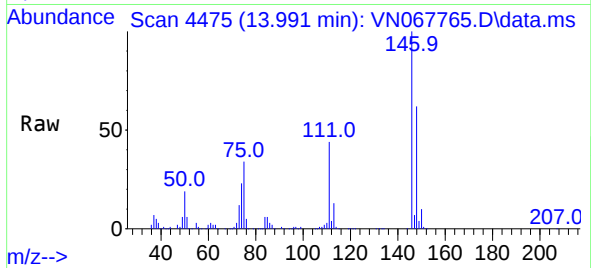
#86
Hexachloroethane
Concen: 17.727 ug/l
RT: 14.214 min Scan# 4558
Delta R.T. 0.003 min
Lab File: VN067765.D
Acq: 15 Jul 2021 16:31

Tgt Ion: 117 Resp: 61321
Ion Ratio Lower Upper
117 100
201 63.0 31.8 95.3

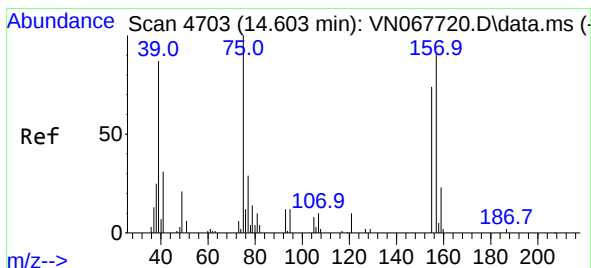
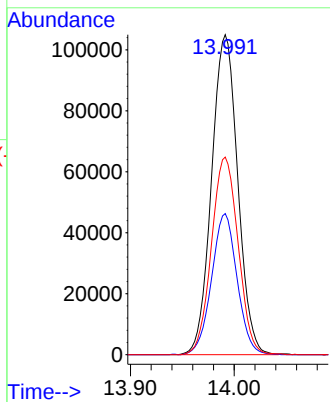
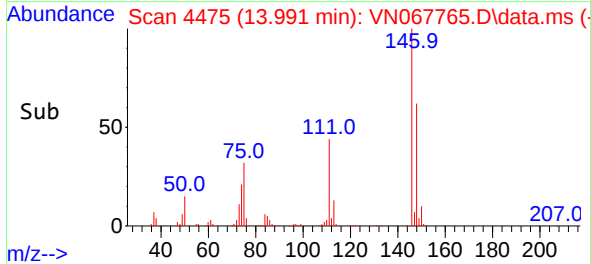




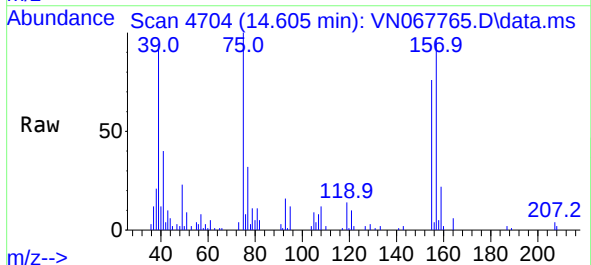
#87
1,2-Dichlorobenzene
Concen: 17.625 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. -0.000 min
Lab File: VN067765.D
Acq: 15 Jul 2021 16:31



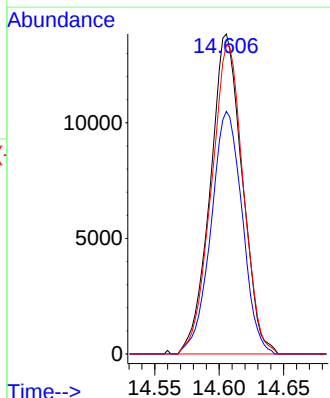
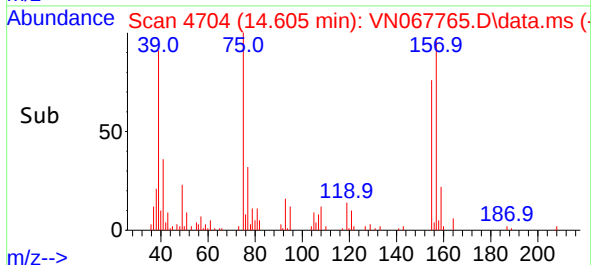
Tgt Ion: 146 Resp: 184010
Ion Ratio Lower Upper
146 100
111 43.1 22.0 66.0
148 63.0 31.7 95.1



#88
1,2-Dibromo-3-Chloropropane
Concen: 18.468 ug/l
RT: 14.605 min Scan# 4704
Delta R.T. 0.003 min
Lab File: VN067765.D
Acq: 15 Jul 2021 16:31



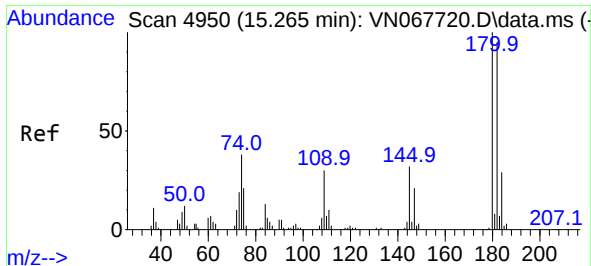
Tgt Ion: 75 Resp: 23900
Ion Ratio Lower Upper
75 100
155 74.0 59.2 88.8
157 96.5 75.4 113.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

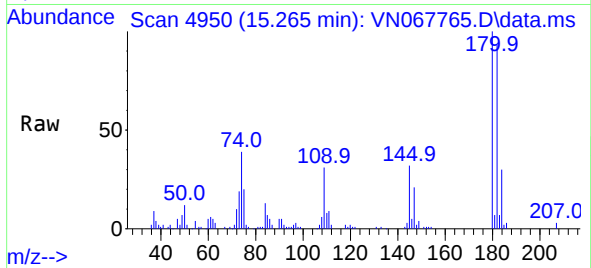
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#89
1,2,4-Trichlorobenzene
Concen: 18.117 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. -0.000 min
Lab File: VN067765.D
Acq: 15 Jul 2021 16:31

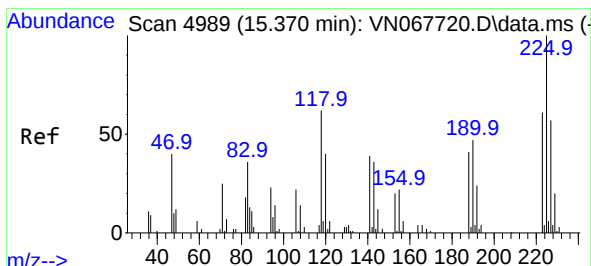
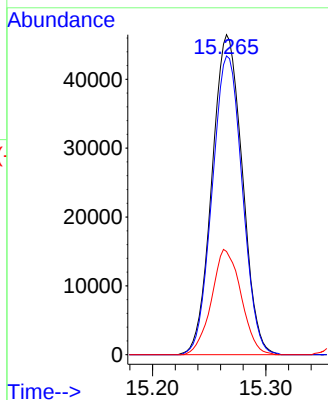
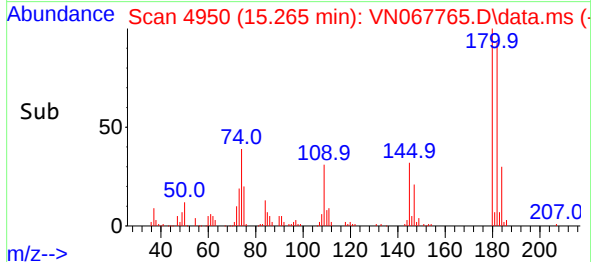
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



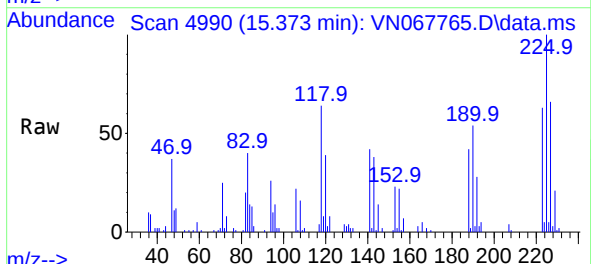
Tgt Ion:180 Resp: 86239
Ion Ratio Lower Upper
180 100
182 92.7 74.5 111.7
145 32.1 25.4 38.0

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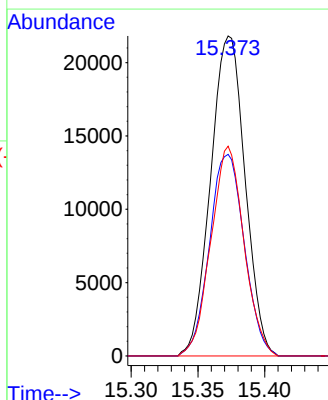
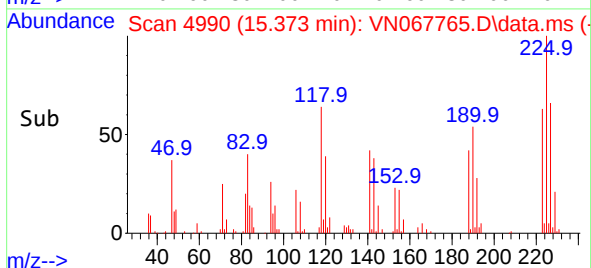
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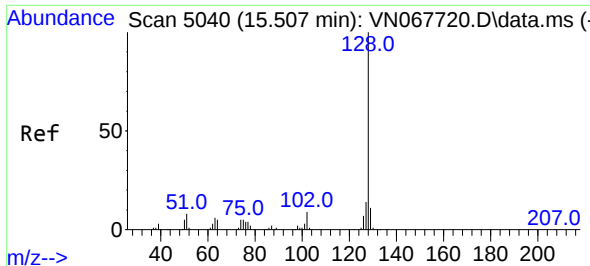


#90
Hexachlorobutadiene
Concen: 17.130 ug/l
RT: 15.373 min Scan# 4990
Delta R.T. 0.003 min
Lab File: VN067765.D
Acq: 15 Jul 2021 16:31



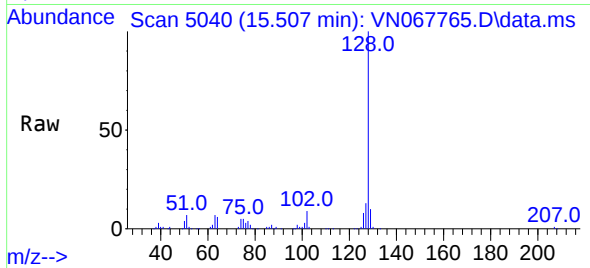
Tgt Ion:225 Resp: 39194
Ion Ratio Lower Upper
225 100
223 63.7 0.0 124.6
227 62.8 0.0 115.6





#91
Naphthalene
Concen: 19.347 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN067765.D
Acq: 15 Jul 2021 16:31

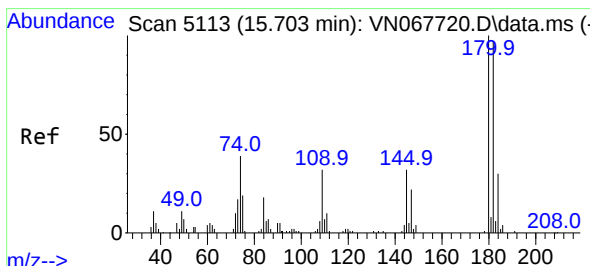
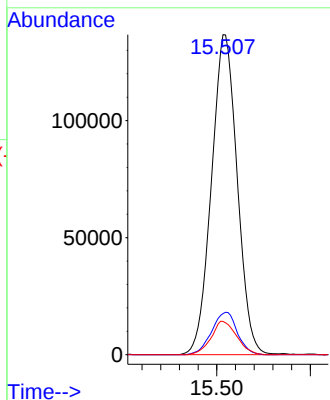
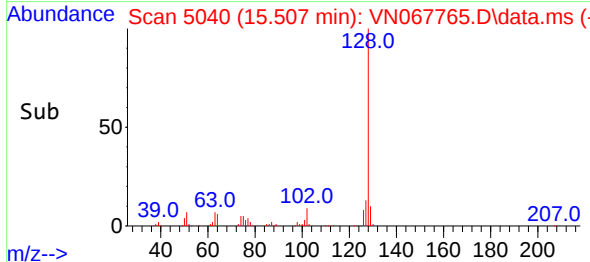
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



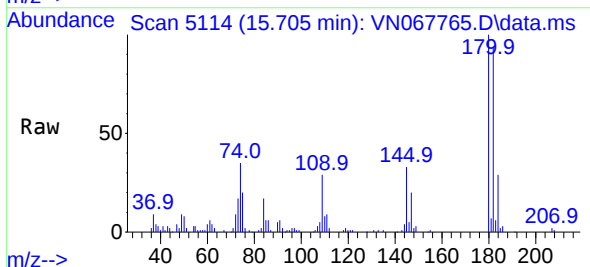
Tgt Ion:128 Resp: 261636
Ion Ratio Lower Upper
128 100
127 13.2 10.9 16.3
129 10.4 8.7 13.1

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#92
1,2,3-Trichlorobenzene
Concen: 18.147 ug/l
RT: 15.705 min Scan# 5114
Delta R.T. 0.003 min
Lab File: VN067765.D
Acq: 15 Jul 2021 16:31



Tgt Ion:180 Resp: 82759
Ion Ratio Lower Upper
180 100
182 93.7 0.0 190.8
145 34.4 0.0 68.2

