

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092821\
 Data File : VN068713.D
 Acq On : 28 Sep 2021 10:23
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

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9/30/2021 12:17:07 PM

Quant Time: Sep 28 12:20:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N092821W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Sep 28 12:20:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.659	128	114622	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	651820	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.747	117	603881	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.437	65	296382	37.278	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 124.267%#	
60) 4-Bromofluorobenzene	12.734	95	254117	25.865	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 86.200%	
63) Toluene-d8	10.443	98	850026	29.278	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 97.600%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	27679	4.042	ug/l	93
3) Chloromethane	2.303	50	45016	4.482	ug/l	98
4) Vinyl Chloride	2.446	62	49148	4.948	ug/l	95
5) Bromomethane	2.850	94	30736	5.186	ug/l	96
6) Chloroethane	3.017	64	30464	5.314	ug/l	98
7) Trichlorofluoromethane	3.376	101	64619	6.275	ug/l	91
8) Diethyl Ether	3.827	74	20822	4.410	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.213	101	34482m	5.479	ug/l	
10) 1,1-Dichloroethene	4.183	96	31686	4.727	ug/l	93
11) Methyl Iodide	4.430	142	33598	3.558	ug/l	91
12) Methyl Acetate	4.854	43	66029	8.133	ug/l	90
13) Acrolein	4.047	56	17667	16.207	ug/l	98
14) Acrylonitrile	5.557	53	90475	25.077	ug/l	98
15) Acetone	4.288	58	27340m	24.768	ug/l	
16) Carbon Disulfide	4.532	76	92510	4.400	ug/l	99
17) Allyl chloride	4.843	41	60355	4.745	ug/l	87
18) Methylene Chloride	5.095	84	40844m	5.170	ug/l	
19) trans-1,2-Dichloroethene	5.597	96	34709	4.736	ug/l	92
20) Diisopropyl ether	6.495	45	126555m	4.931	ug/l	
21) 1,1-Dichloroethane	6.388	63	70590	4.986	ug/l	99
22) cis-1,2-Dichloroethene	7.329	96	39987	4.748	ug/l	92
23) tert-Butyl Alcohol	5.361	59	31169m	24.147	ug/l	
24) Methyl tert-Butyl Ether	5.613	73	110528	4.934	ug/l #	90
25) Chloroform	7.820	83	72917	5.676	ug/l	99
26) Cyclohexane	8.096	56	58152	4.390	ug/l #	94
29) 1,1-Dichloropropene	8.222	75	51820	4.924	ug/l	97
30) 2-Butanone	7.335	43	136664	29.005	ug/l #	91
31) 2,2-Dichloropropane	7.327	77	59465	5.398	ug/l #	71
32) 1,1,1-Trichloroethane	8.013	97	63504	6.083	ug/l	96
33) Carbon Tetrachloride	8.204	117	56788	6.584	ug/l	96
34) Benzene	8.461	78	156796	4.823	ug/l #	91
35) Methacrylonitrile	7.638	41	27455	5.546	ug/l	89
36) 1,2-Dichloroethane	8.531	62	64256	6.580	ug/l	95
37) Trichloroethene	9.217	130	40932	5.214	ug/l	97
38) Methylcyclohexane	9.459	83	59567	4.773	ug/l	94
39) 1,2-Dichloropropane	9.491	63	41950	4.749	ug/l	98
40) Dibromomethane	9.577	93	28032	5.599	ug/l	87
41) Bromodichloromethane	9.762	83	56220	5.544	ug/l #	98
42) Vinyl Acetate	6.434	43	473388	22.937	ug/l #	94

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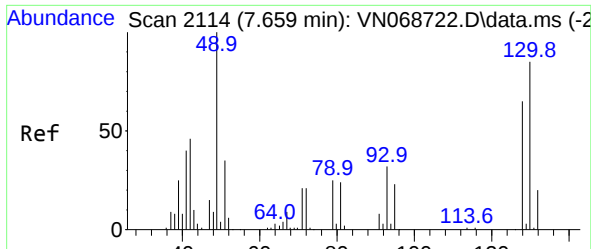
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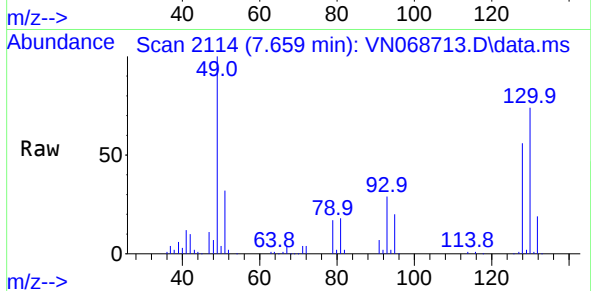
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.415	43	47410	4.912	ug/l	97
44) Isopropyl Acetate	8.560	43	89313	5.352	ug/l	95
45) 1,4-Dioxane	9.569	88	13358	96.510	ug/l #	89
46) Methyl methacrylate	9.558	41	40100	5.014	ug/l	87
47) n-amyl Acetate	12.390	43	57003	4.083	ug/l	94
48) t-1,3-Dichloropropene	10.722	75	59511	4.967	ug/l	95
49) cis-1,3-Dichloropropene	10.188	75	61266	4.514	ug/l #	87
50) 1,1,2-Trichloroethane	10.902	97	38481	5.252	ug/l	94
51) Ethyl methacrylate	10.762	69	54418	4.612	ug/l	83
52) 1,3-Dichloropropane	11.044	76	67473	5.142	ug/l	99
53) Dibromochloromethane	11.240	129	42569	5.733	ug/l	99
54) 1,2-Dibromoethane	11.347	107	39925	5.437	ug/l	96
55) 2-Chloroethyl vinyl ether	10.041	63	58637	11.184	ug/l	97
56) Bromoform	12.460	173	27726	5.911	ug/l #	93
58) 4-Methyl-2-Pentanone	10.331	43	273333	27.250	ug/l #	91
59) 2-Hexanone	11.087	43	190054	26.471	ug/l	91
61) Tetrachloroethene	10.977	164	38228	4.807	ug/l	94
62) Toluene	10.505	91	179739	5.090	ug/l	99
64) Chlorobenzene	11.771	112	105216	5.051	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.843	131	40392	5.575	ug/l	98
66) Ethyl Benzene	11.846	91	183641	4.858	ug/l	96
67) m/p-Xylenes	11.956	106	135259	9.610	ug/l	95
68) o-Xylene	12.283	106	63796	4.655	ug/l	93
69) Styrene	12.296	104	97513	4.400	ug/l	96
70) Isopropylbenzene	12.581	105	164022	4.659	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.827	83	50608	4.901	ug/l	99
72) 1,2,3-Trichloropropane	12.884	75	40742m	4.027	ug/l	
73) Bromobenzene	12.862	156	39465	4.976	ug/l	81
74) n-propylbenzene	12.921	91	184105	4.524	ug/l	96
75) 2-Chlorotoluene	13.010	91	113189	4.592	ug/l	95
76) 1,3,5-Trimethylbenzene	13.061	105	135085	4.583	ug/l	96
77) t-1,4-Dichloro-2-butene	12.626	75	12972	3.284	ug/l	79
78) 4-Chlorotoluene	13.106	91	105659	4.309	ug/l	97
79) tert-butylbenzene	13.326	119	116815	4.798	ug/l	94
80) 1,2,4-Trimethylbenzene	13.372	105	127175	4.310	ug/l	98
81) sec-Butylbenzene	13.503	105	154865	4.764	ug/l	100
82) p-Isopropyltoluene	13.619	119	121497	4.196	ug/l	96
83) 1,3-Dichlorobenzene	13.619	146	65875	4.748	ug/l	97
84) 1,4-Dichlorobenzene	13.696	146	62782	4.613	ug/l	97
85) n-Butylbenzene	13.946	91	96795	3.832	ug/l	97
86) Hexachloroethane	14.211	117	26111	5.195	ug/l	79
87) 1,2-Dichlorobenzene	13.991	146	62061	4.475	ug/l	95
88) 1,2-Dibromo-3-Chloropr...	14.603	75	8797	4.420	ug/l #	71
89) 1,2,4-Trichlorobenzene	15.265	180	27887	3.856	ug/l	94
90) Hexachlorobutadiene	15.370	225	20030	6.108	ug/l	97
91) Naphthalene	15.507	128	46914	2.027	ug/l	97
92) 1,2,3-Trichlorobenzene	15.702	180	24665	3.400	ug/l	97

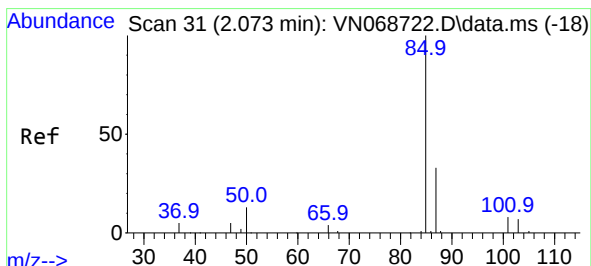
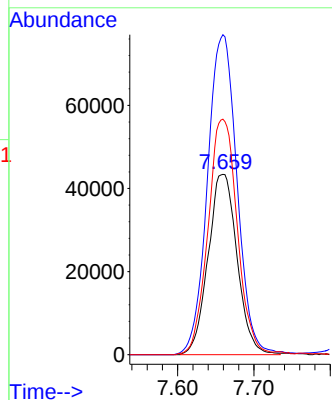
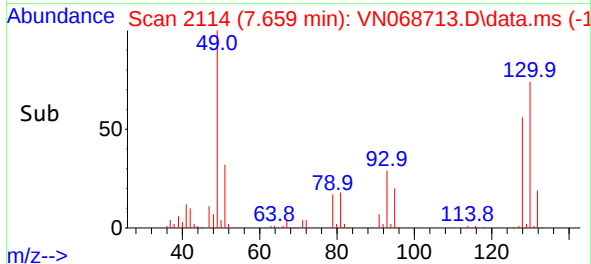
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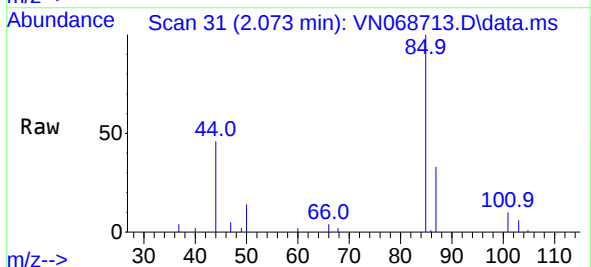
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23



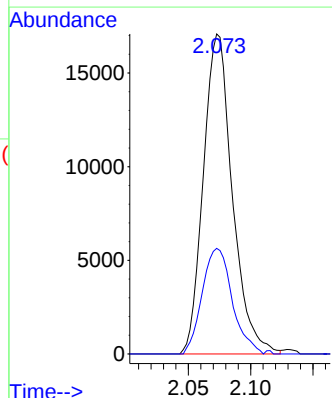
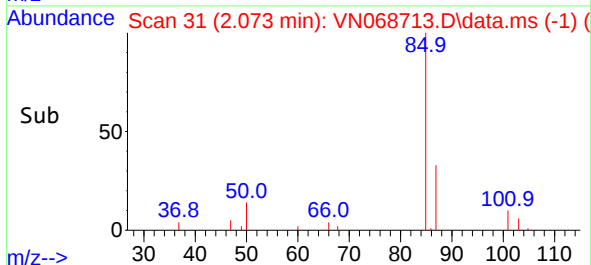
Tgt Ion: 128 Resp: 114622
Ion Ratio Lower Upper
128 100
49 180.2 0.0 355.0
130 131.4 0.0 325.5



#2
Dichlorodifluoromethane
Concen: 4.042 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23



Tgt Ion: 85 Resp: 27679
Ion Ratio Lower Upper
85 100
87 33.0 14.6 43.8

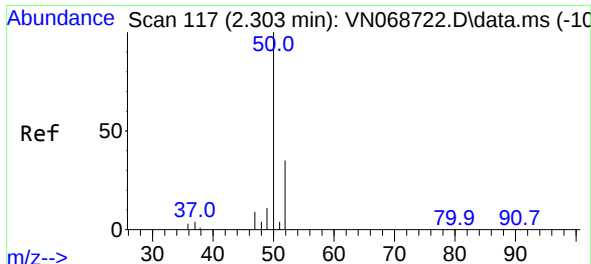


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9/30/2021 12:17:07 PM



#3
Chloromethane
Concen: 4.482 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23

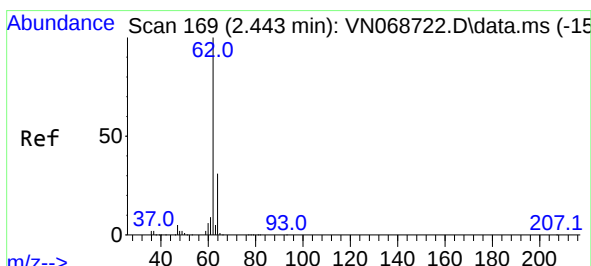
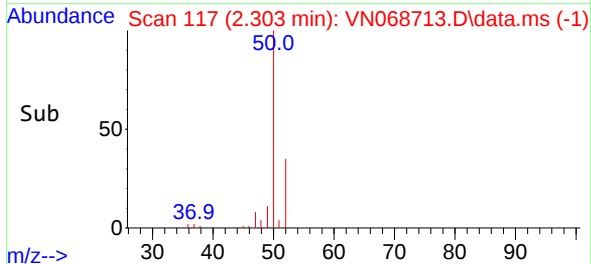
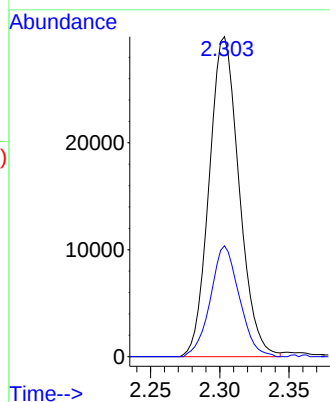
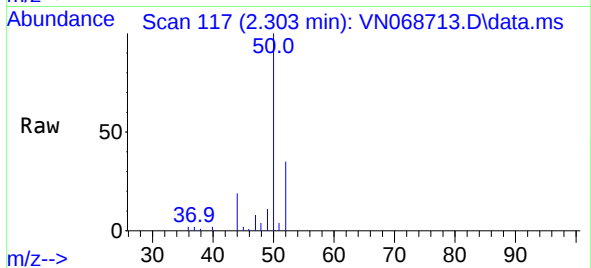
Tgt Ion: 50 Resp: 45016
Ion Ratio Lower Upper
50 100
52 34.6 26.8 40.2

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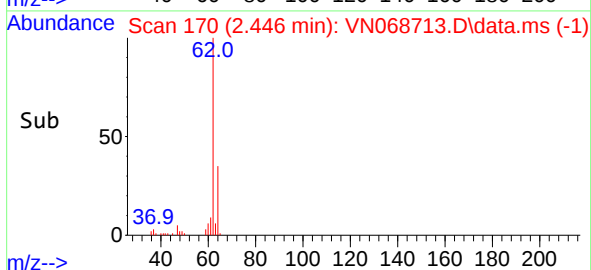
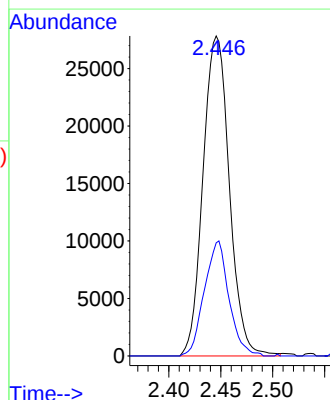
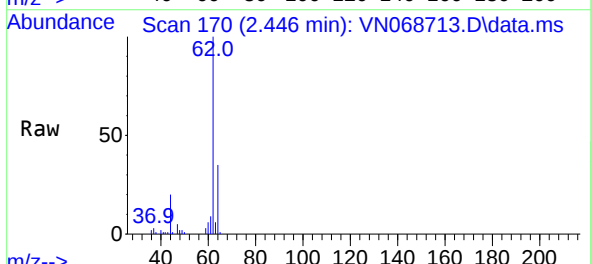
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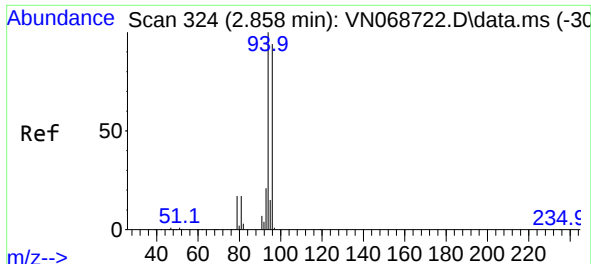
9/30/2021 12:17:07 PM



#4
Vinyl Chloride
Concen: 4.948 ug/l
RT: 2.446 min Scan# 170
Delta R.T. 0.003 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23

Tgt Ion: 62 Resp: 49148
Ion Ratio Lower Upper
62 100
64 35.3 26.2 39.4





#5
Bromomethane
Concen: 5.186 ug/l
RT: 2.850 min Scan# 321
Delta R.T. -0.013 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23

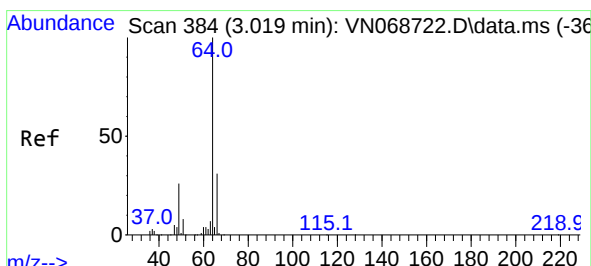
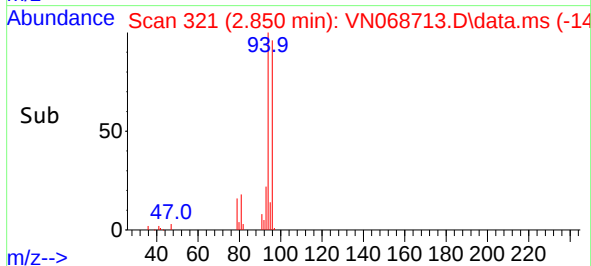
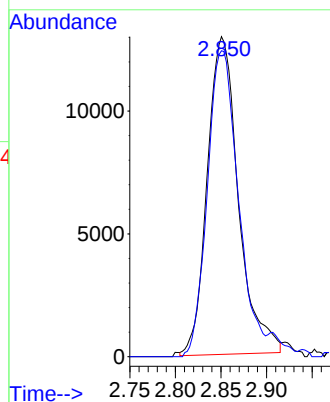
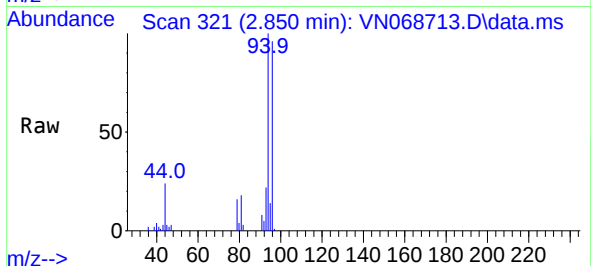
Tgt Ion: 94 Resp: 30736
Ion Ratio Lower Upper
94 100
96 96.9 74.6 111.8

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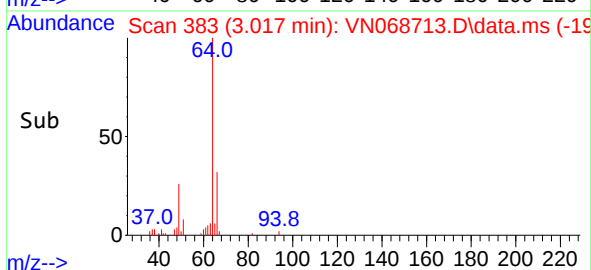
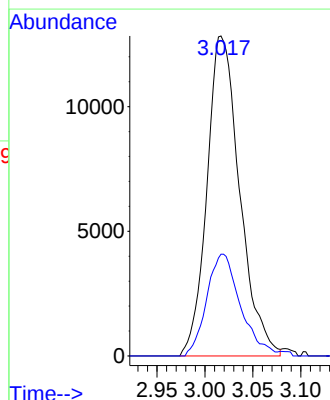
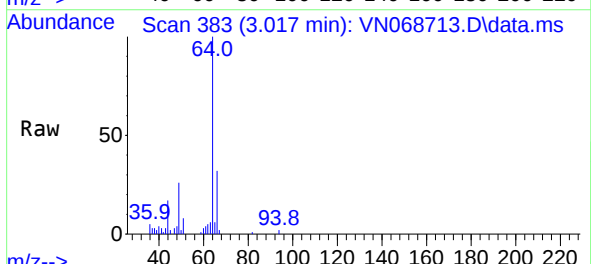
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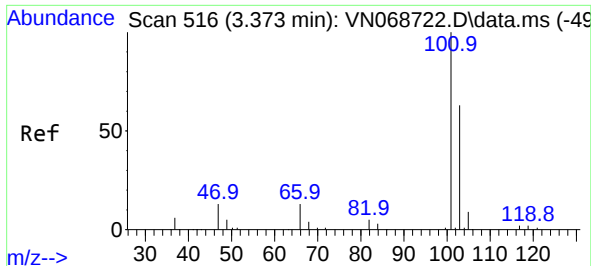
9/30/2021 12:17:07 PM



#6
Chloroethane
Concen: 5.314 ug/l
RT: 3.017 min Scan# 383
Delta R.T. -0.005 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23

Tgt Ion: 64 Resp: 30464
Ion Ratio Lower Upper
64 100
66 31.8 26.3 39.5





#7
Trichlorofluoromethane
Concen: 6.275 ug/l
RT: 3.376 min Scan# 517
Delta R.T. 0.000 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23

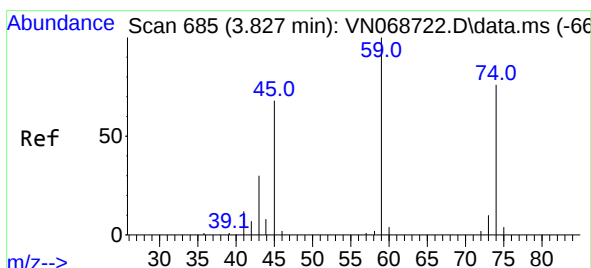
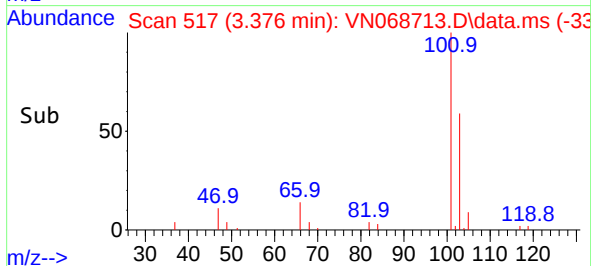
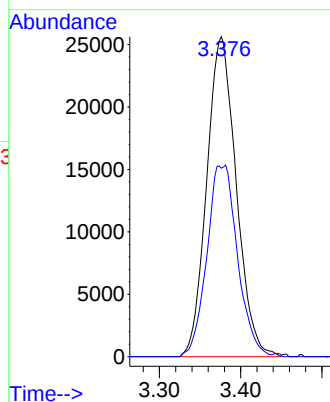
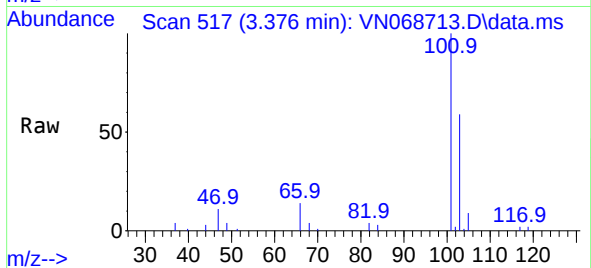
Tgt Ion:101 Resp: 64619
Ion Ratio Lower Upper
101 100
103 58.9 52.6 78.8

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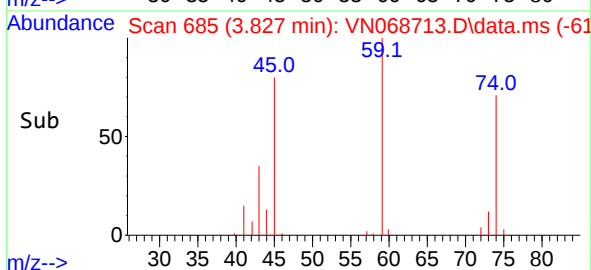
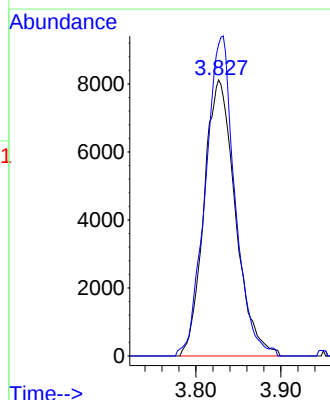
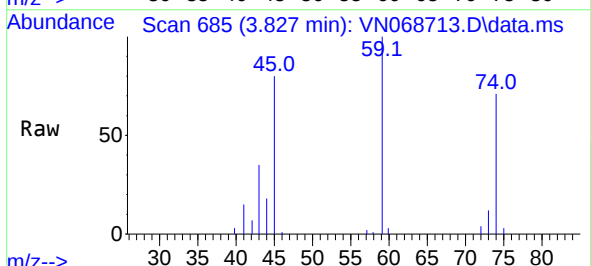
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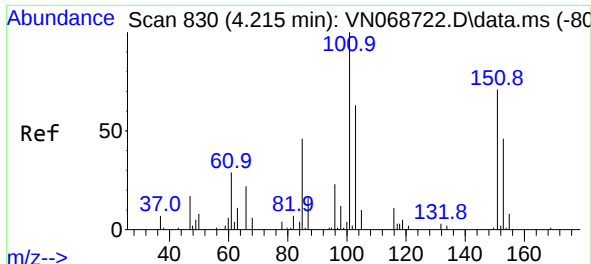
9/30/2021 12:17:07 PM



#8
Diethyl Ether
Concen: 4.410 ug/l
RT: 3.827 min Scan# 685
Delta R.T. -0.002 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23

Tgt Ion: 74 Resp: 20822
Ion Ratio Lower Upper
74 100
45 108.4 18.5 166.9





#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.479 ug/l m
RT: 4.213 min Scan# 829
Delta R.T. -0.008 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23

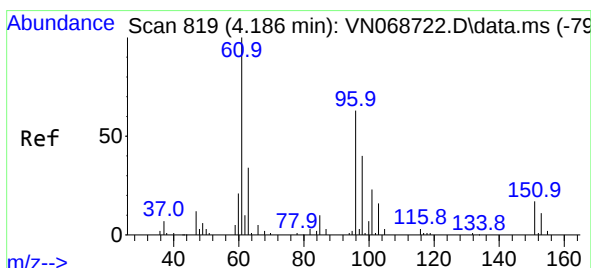
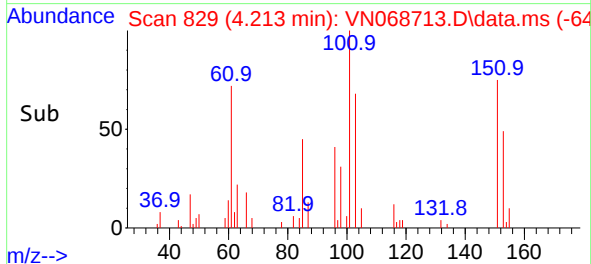
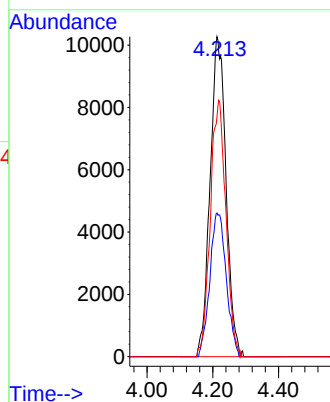
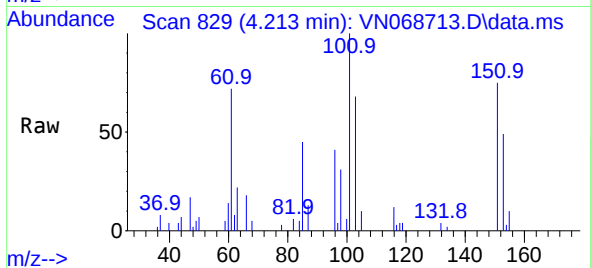
Tgt Ion: 101 Resp: 34482
Ion Ratio Lower Upper
101 100
85 23.7 0.0 80.6
151 78.6 0.0 169.2

Instrument :
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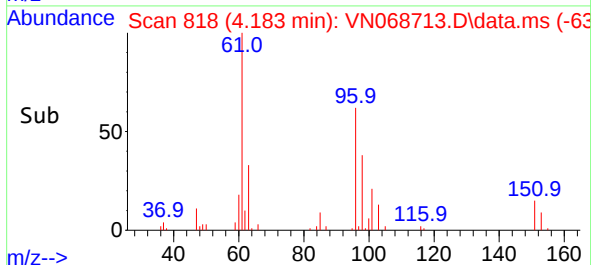
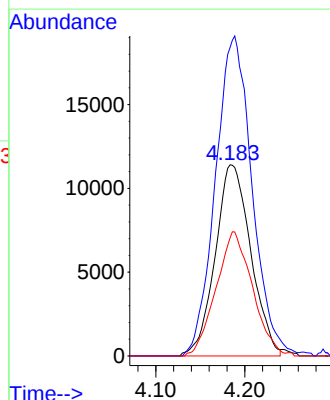
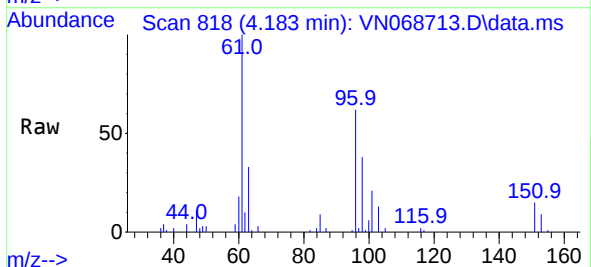
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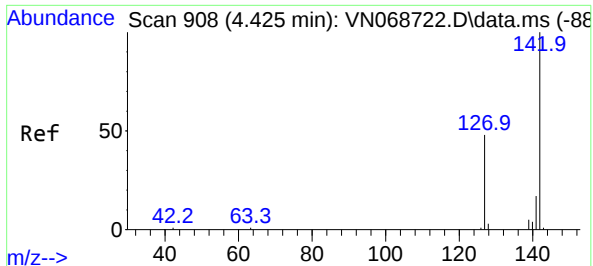
9/30/2021 12:17:07 PM



#10
1,1-Dichloroethene
Concen: 4.727 ug/l
RT: 4.183 min Scan# 818
Delta R.T. -0.002 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23

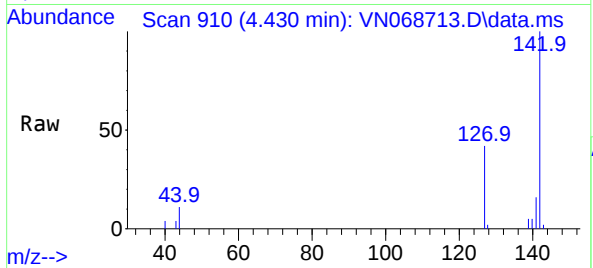
Tgt Ion: 96 Resp: 31686
Ion Ratio Lower Upper
96 100
61 161.5 119.9 179.9
98 61.9 51.2 76.8





#11
Methyl Iodide
Concen: 3.558 ug/l
RT: 4.430 min Scan# 910
Delta R.T. 0.003 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

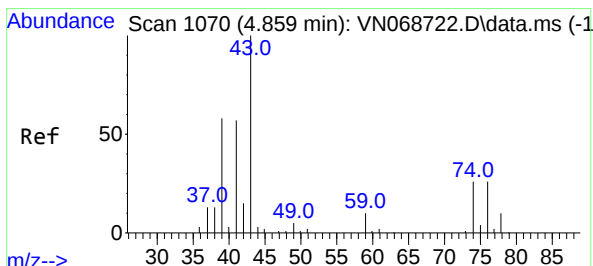
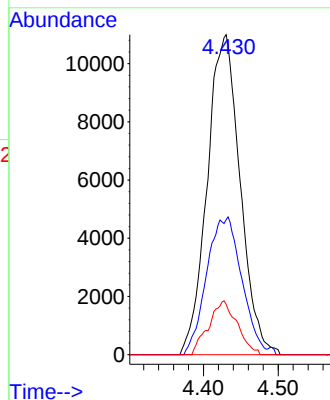
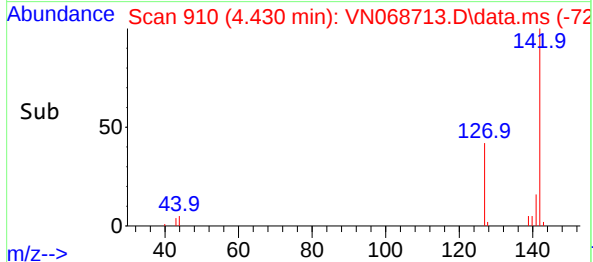


Tgt Ion:142 Resp: 33598
Ion Ratio Lower Upper
142 100
127 44.4 19.1 57.5
141 15.8 7.0 20.9

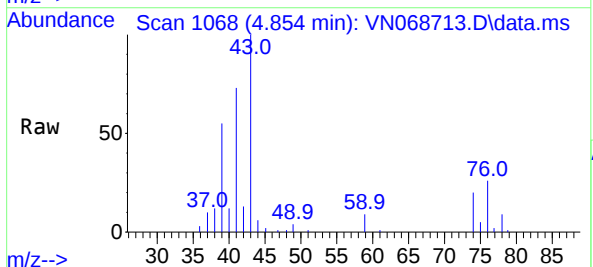
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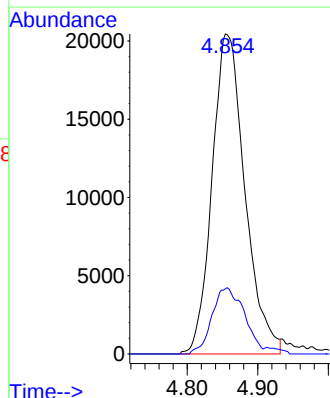
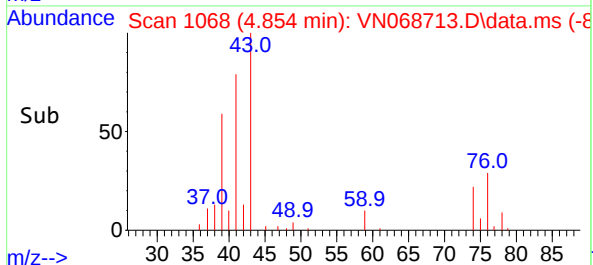
9/30/2021 12:17:07 PM

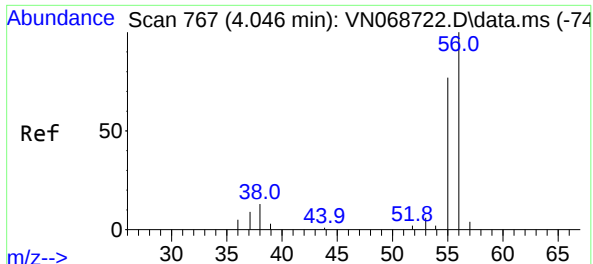


#12
Methyl Acetate
Concen: 8.133 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23



Tgt Ion: 43 Resp: 66029
Ion Ratio Lower Upper
43 100
74 20.1 19.9 29.9





#13
Acrolein
Concen: 16.207 ug/l
RT: 4.047 min Scan# 767
Delta R.T. 0.000 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23

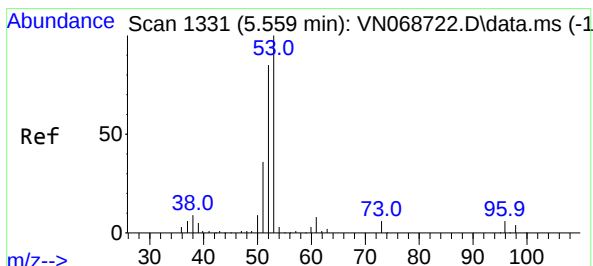
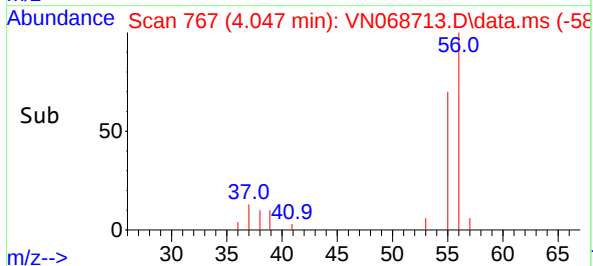
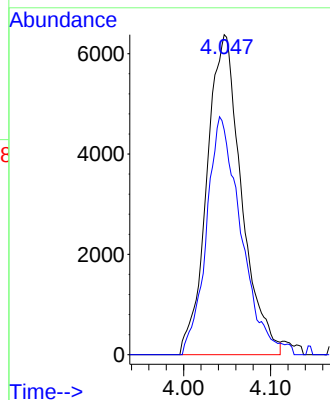
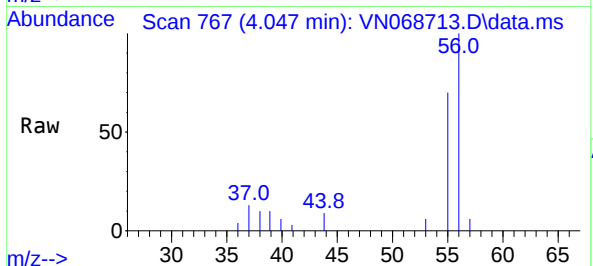
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 56 Resp: 17667
Ion Ratio Lower Upper
56 100
55 70.4 57.7 86.5

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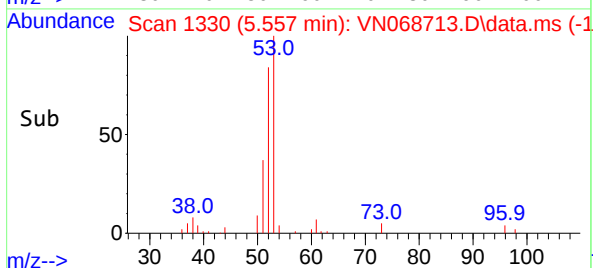
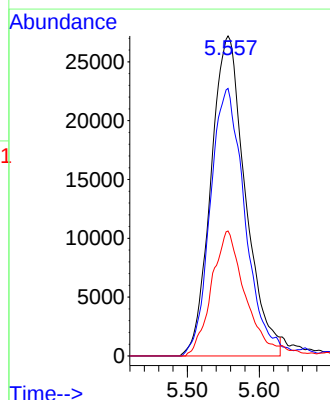
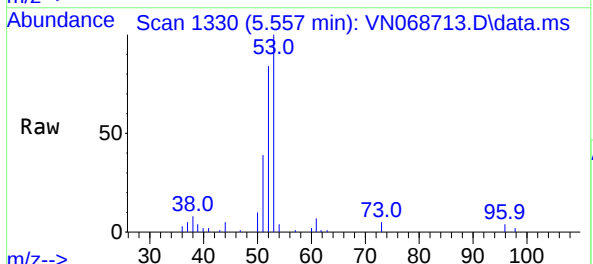
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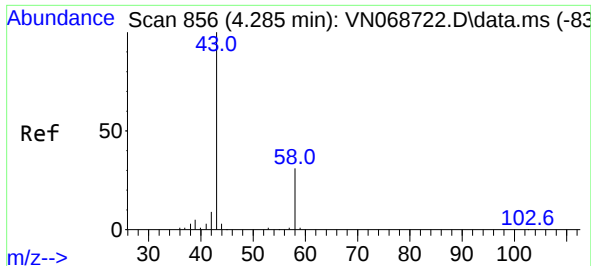
9/30/2021 12:17:07 PM



#14
Acrylonitrile
Concen: 25.077 ug/l
RT: 5.557 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23

Tgt Ion: 53 Resp: 90475
Ion Ratio Lower Upper
53 100
52 82.8 40.7 122.1
51 37.8 18.3 54.8





#15
Acetone
Concen: 24.768 ug/l m
RT: 4.288 min Scan# 857
Delta R.T. 0.003 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23

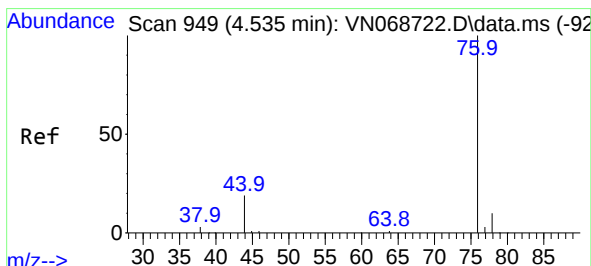
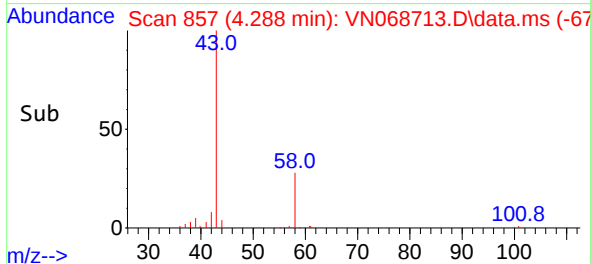
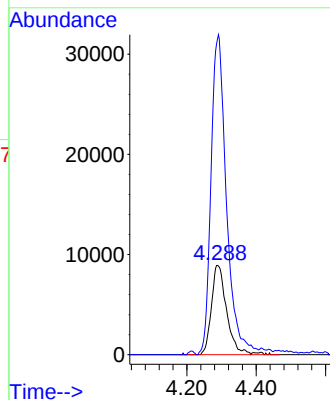
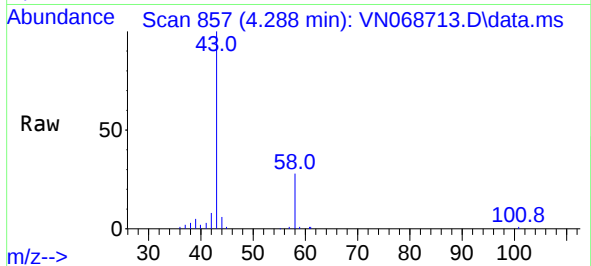
Tgt Ion: 58 Resp: 27340
Ion Ratio Lower Upper
58 100
43 353.1 203.4 305.0#

Instrument :
MSVOA_N
ClientSampleId :
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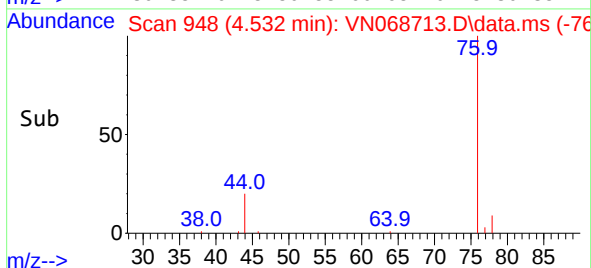
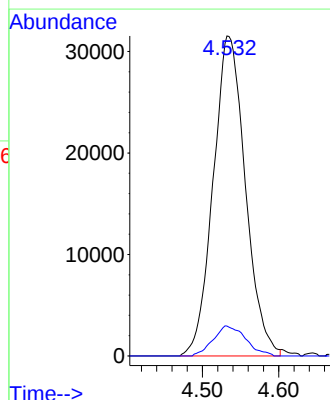
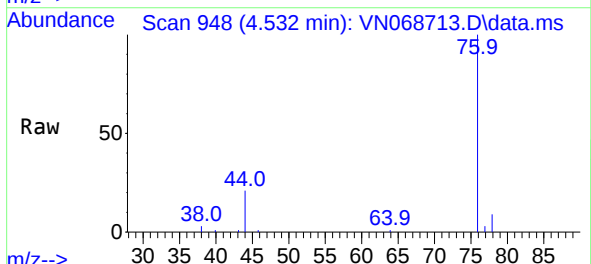
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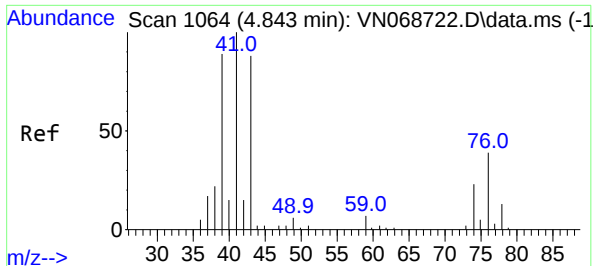
9/30/2021 12:17:07 PM



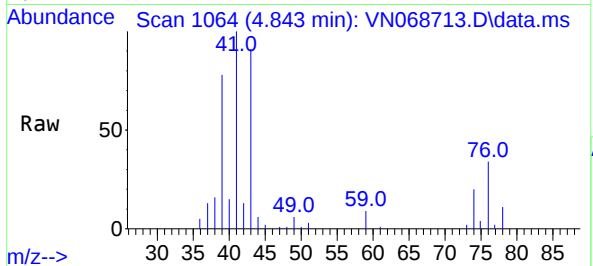
#16
Carbon Disulfide
Concen: 4.400 ug/l
RT: 4.532 min Scan# 948
Delta R.T. -0.005 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23

Tgt Ion: 76 Resp: 92510
Ion Ratio Lower Upper
76 100
78 9.4 7.8 11.8

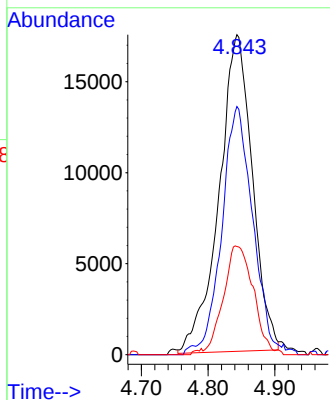
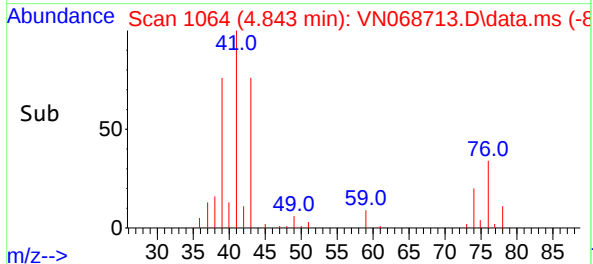




#17
Allyl chloride
Concen: 4.745 ug/l
RT: 4.843 min Scan# 1064
Delta R.T. -0.003 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23



Tgt Ion:	41	Resp:	60355
Ion	Ratio	Lower	Upper
41	100		
39	78.7	33.5	100.5
76	34.3	20.3	60.8

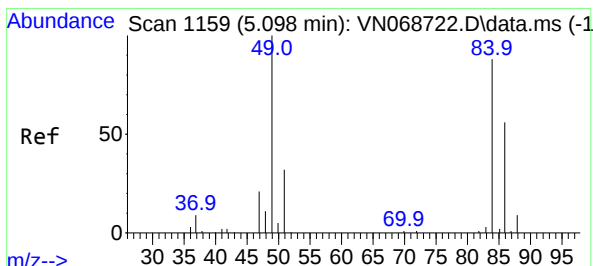


Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

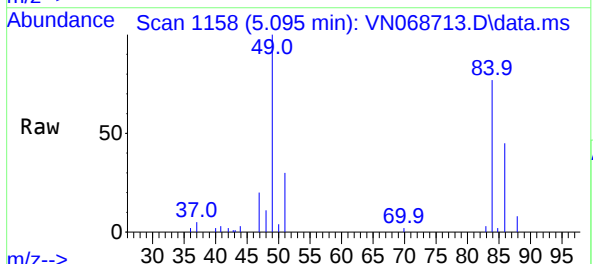
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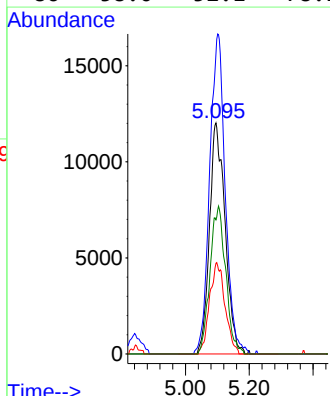
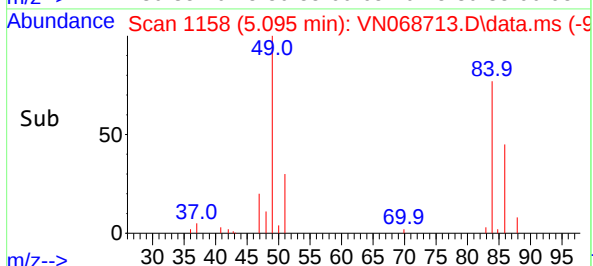
9/30/2021 12:17:07 PM

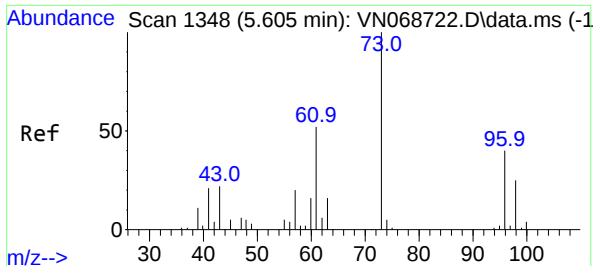


#18
Methylene Chloride
Concen: 5.170 ug/l m
RT: 5.095 min Scan# 1158
Delta R.T. -0.008 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23

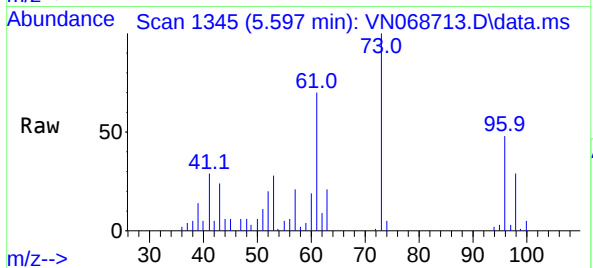


Tgt Ion:	84	Resp:	40844
Ion	Ratio	Lower	Upper
84	100		
49	129.9	91.3	136.9
51	39.3	28.8	43.2
86	58.0	52.1	78.1

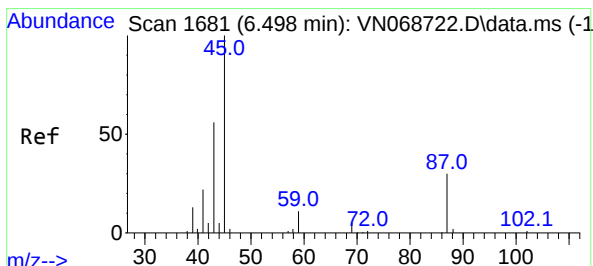
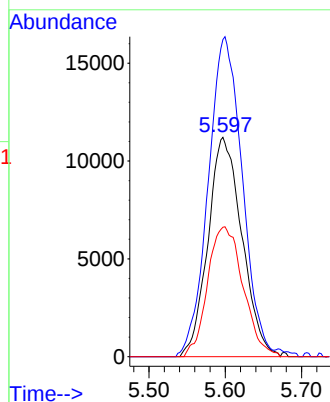
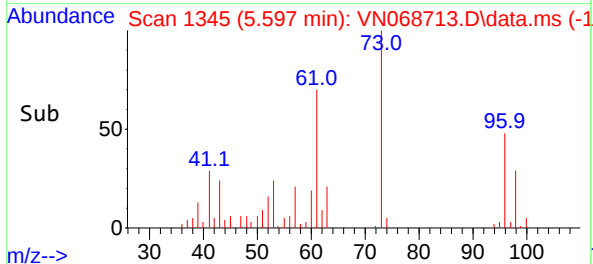




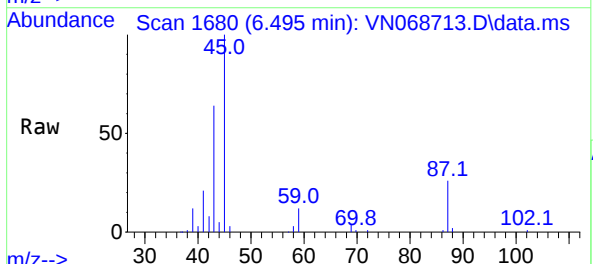
#19
trans-1,2-Dichloroethene
Concen: 4.736 ug/l
RT: 5.597 min Scan# 1345
Delta R.T. -0.005 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23



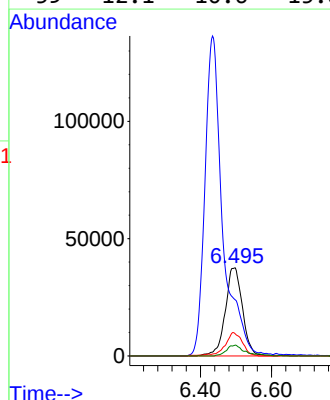
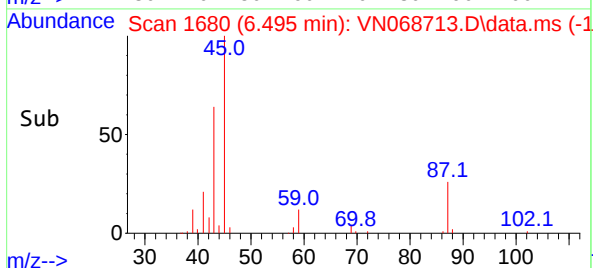
Tgt Ion: 96 Resp: 34709
Ion Ratio Lower Upper
96 100
61 142.6 106.2 159.2
98 59.0 52.4 78.6



#20
Diisopropyl ether
Concen: 4.931 ug/l m
RT: 6.495 min Scan# 1680
Delta R.T. 0.000 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23



Tgt Ion: 45 Resp: 126555
Ion Ratio Lower Upper
45 100
43 64.4 50.4 75.6
87 26.0 24.5 36.7
59 12.1 10.6 15.8

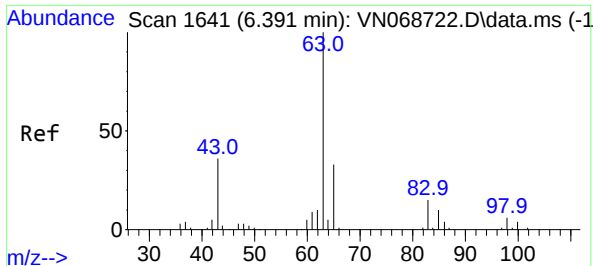


Instrument :
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9/30/2021 12:17:07 PM



#21
1,1-Dichloroethane
Concen: 4.986 ug/l
RT: 6.388 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23

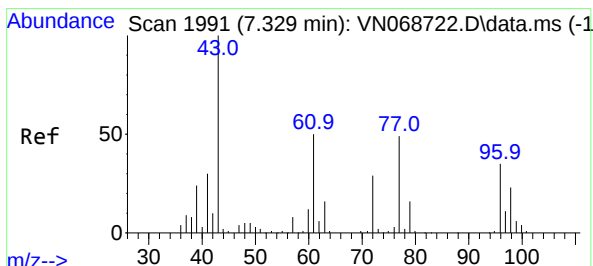
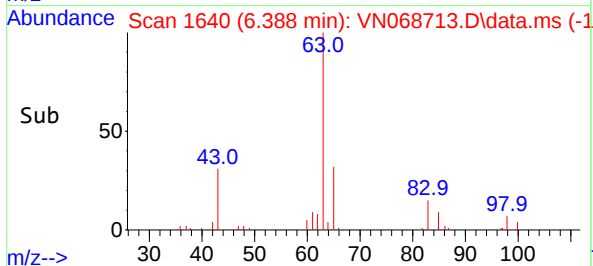
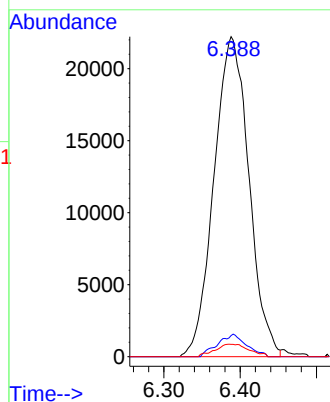
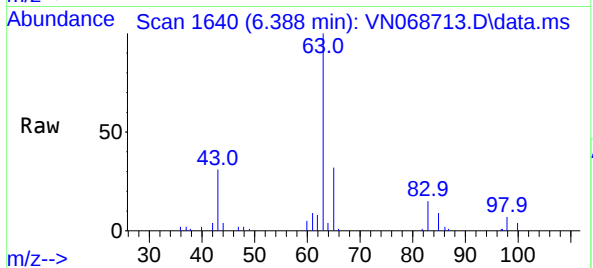
Tgt Ion:	63	Resp:	70590
Ion	Ratio	Lower	Upper
63	100		
98	6.6	3.3	9.9
100	3.9	2.3	6.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

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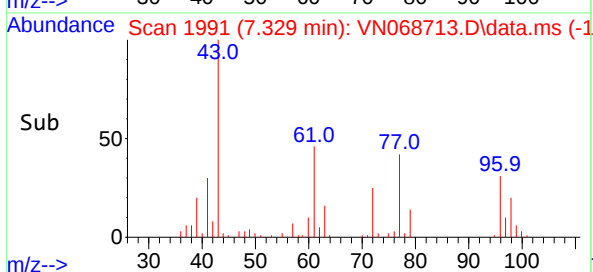
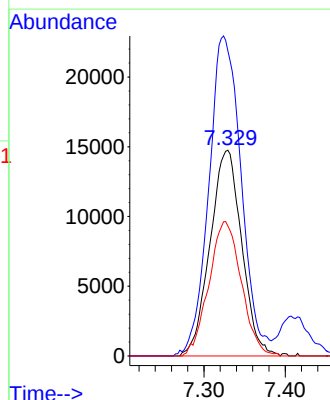
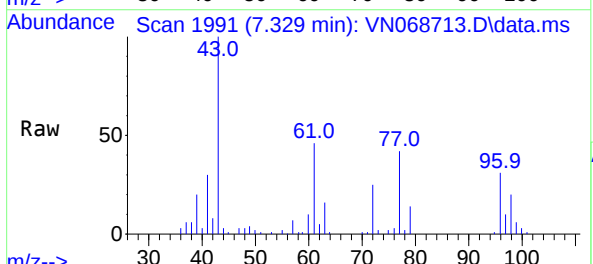
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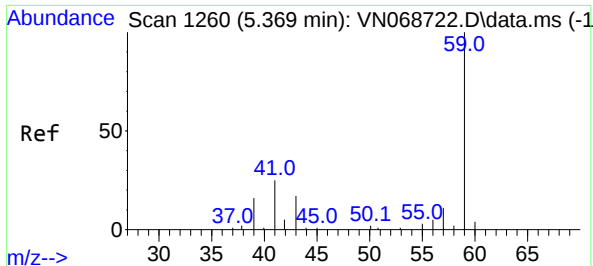
9/30/2021 12:17:07 PM



#22
cis-1,2-Dichloroethene
Concen: 4.748 ug/l
RT: 7.329 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23

Tgt Ion:	96	Resp:	39987
Ion	Ratio	Lower	Upper
96	100		
61	153.1	112.5	168.7
98	66.7	52.2	78.2





#23

tert-Butyl Alcohol
Concen: 24.147 ug/l m
RT: 5.361 min Scan# 1257
Delta R.T. -0.005 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23

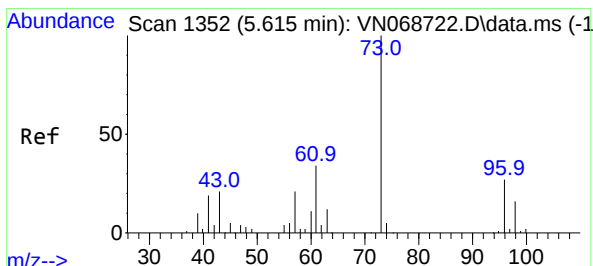
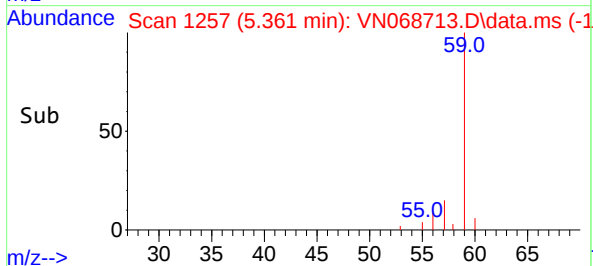
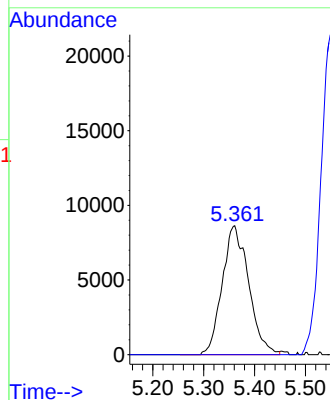
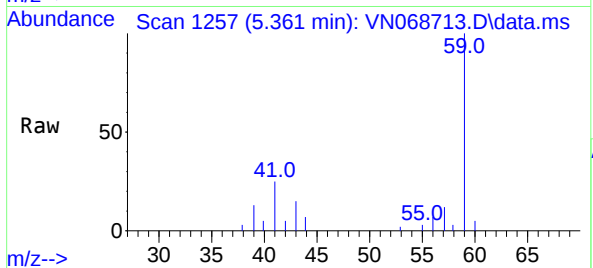
Tgt Ion: 59 Resp: 31169
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Instrument :
MSVOA_N
ClientSampleId :
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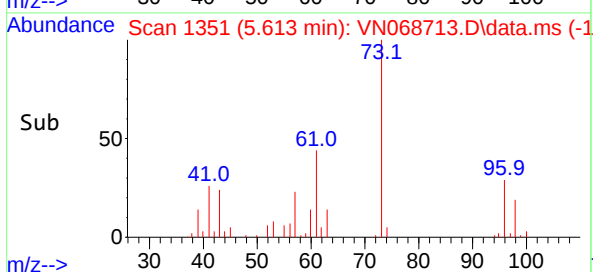
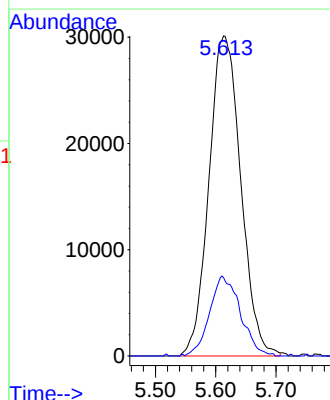
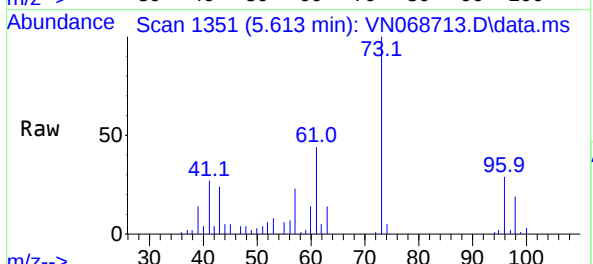
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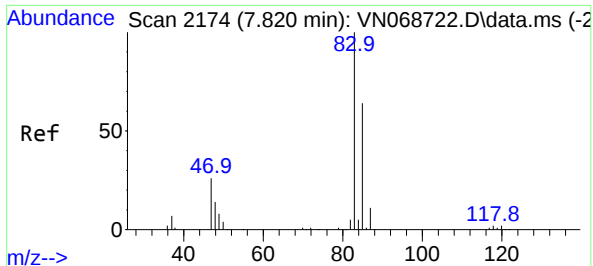


#24

Methyl tert-Butyl Ether
Concen: 4.934 ug/l
RT: 5.613 min Scan# 1351
Delta R.T. -0.005 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23

Tgt Ion: 73 Resp: 110528
Ion Ratio Lower Upper
73 100
43 24.0 15.4 23.2#





#25
Chloroform
Concen: 5.676 ug/l
RT: 7.820 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23

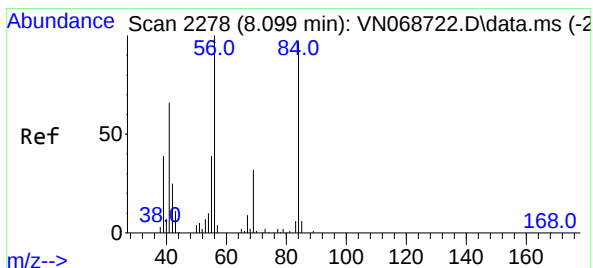
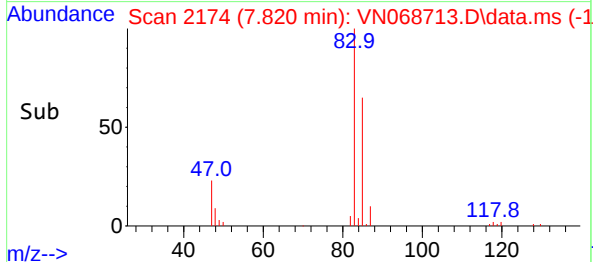
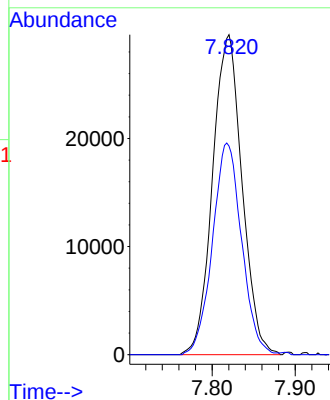
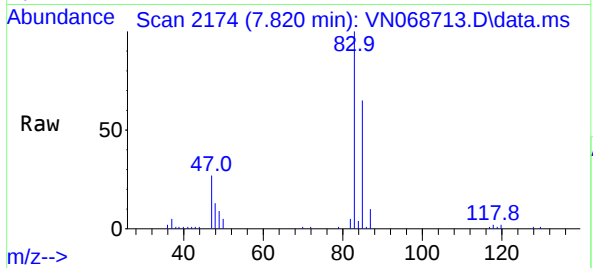
Tgt Ion: 83 Resp: 72917
Ion Ratio Lower Upper
83 100
85 65.2 53.0 79.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

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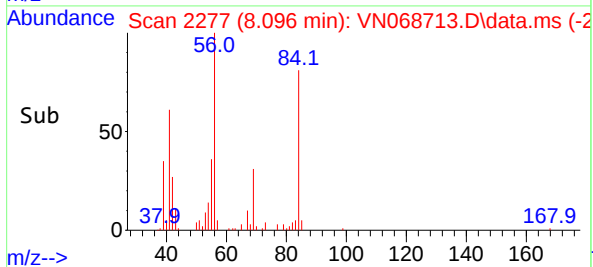
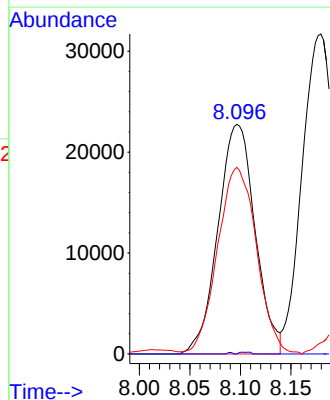
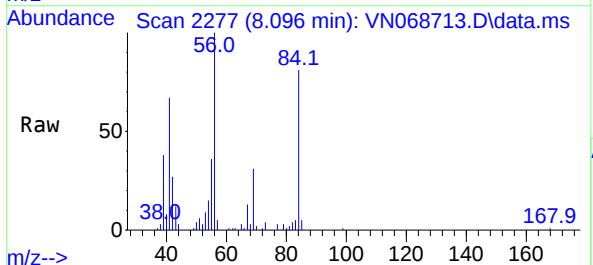
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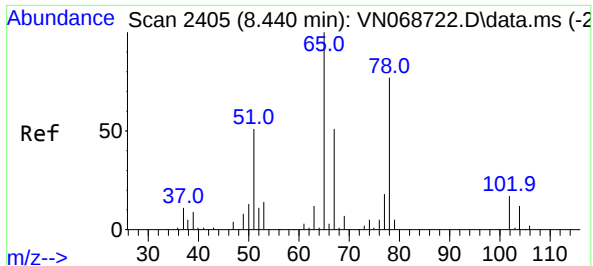
9/30/2021 12:17:07 PM



#26
Cyclohexane
Concen: 4.390 ug/l
RT: 8.096 min Scan# 2277
Delta R.T. -0.002 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23

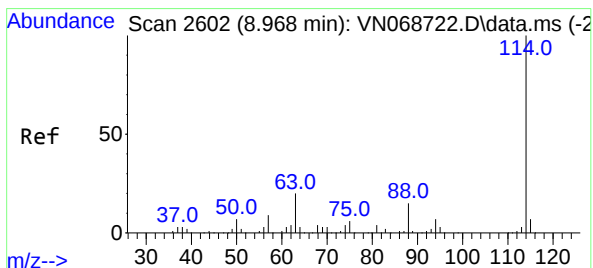
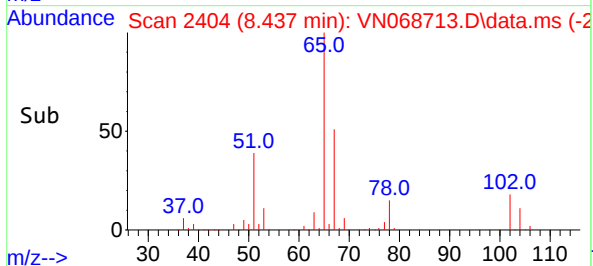
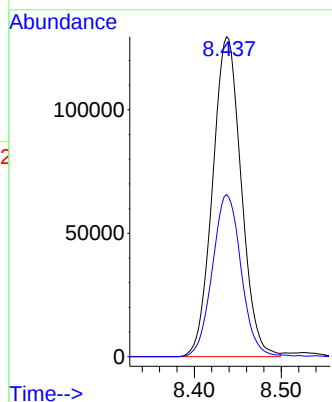
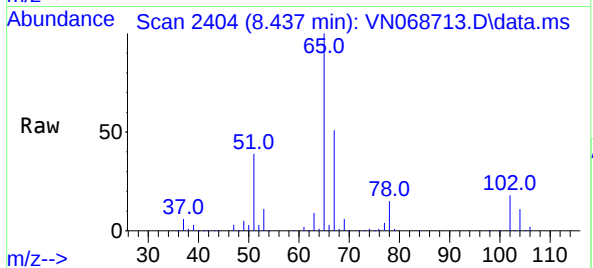
Tgt Ion: 56 Resp: 58152
Ion Ratio Lower Upper
56 100
89 0.1 0.0 0.0#
84 85.6 72.8 109.2





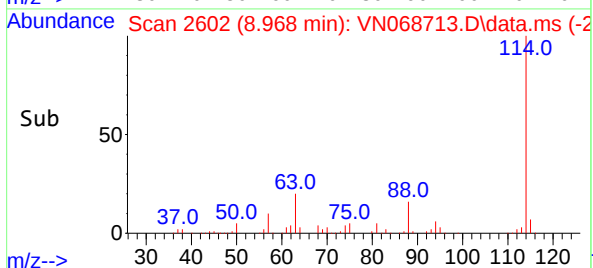
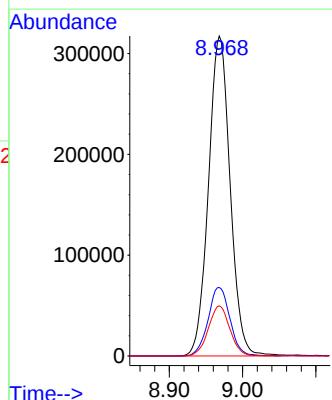
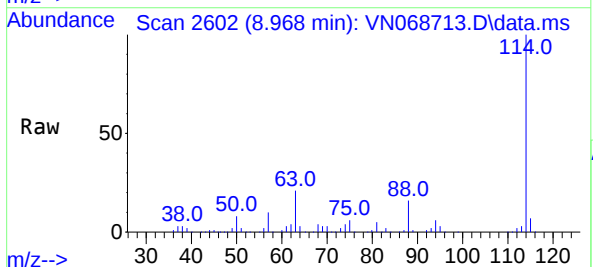
#27
1,2-Dichloroethane-d4
Concen: 37.278 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.002 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23

Tgt Ion: 65 Resp: 296382
Ion Ratio Lower Upper
65 100
67 51.0 42.8 64.2



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.002 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23

Tgt Ion: 114 Resp: 651820
Ion Ratio Lower Upper
114 100
63 21.7 14.7 22.1
88 15.6 11.7 17.5

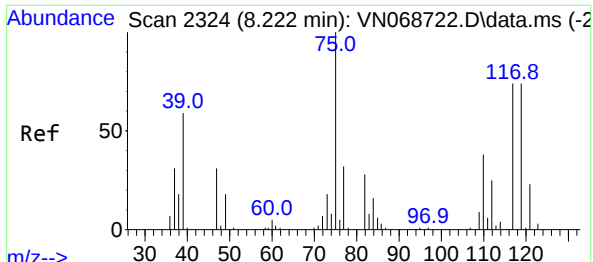


Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

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9/30/2021 12:17:07 PM



#29
1,1-Dichloropropene
Concen: 4.924 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. -0.002 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23

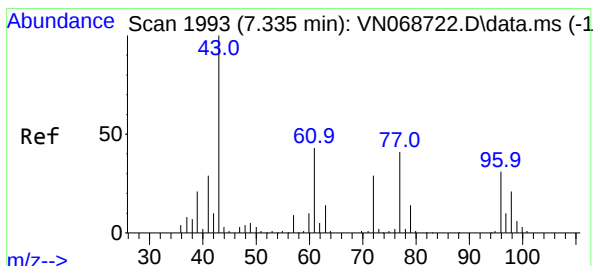
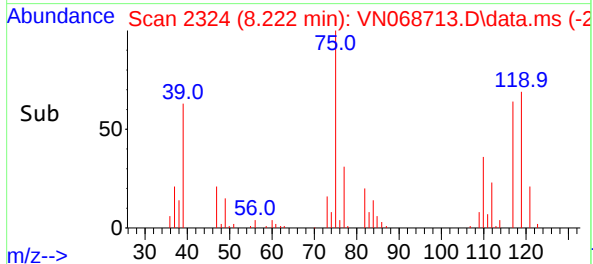
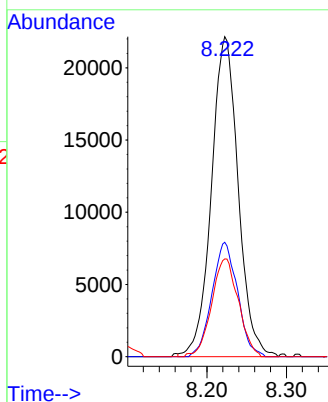
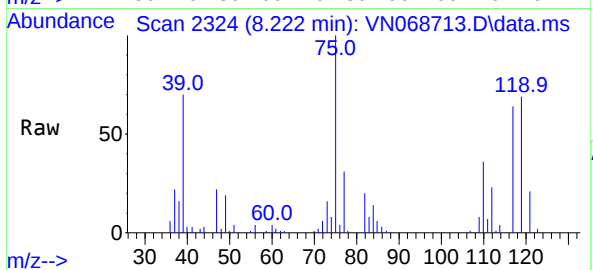
Tgt Ion:	75	Resp:	51820
Ion Ratio	Lower	Upper	
75	100		
110	34.2	0.0	74.2
77	30.4	0.0	61.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

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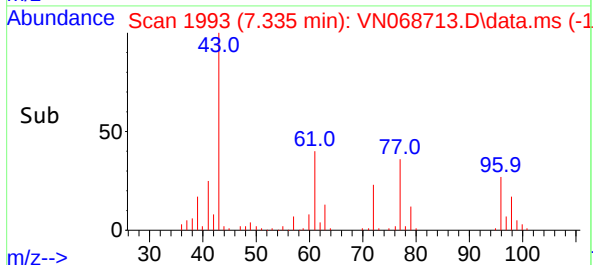
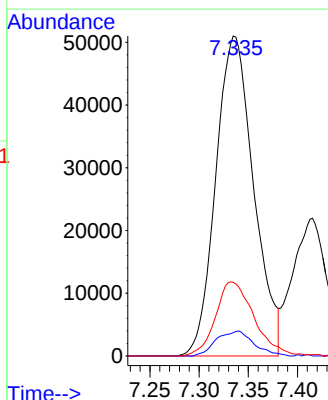
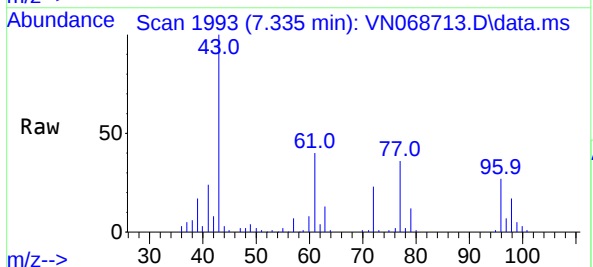
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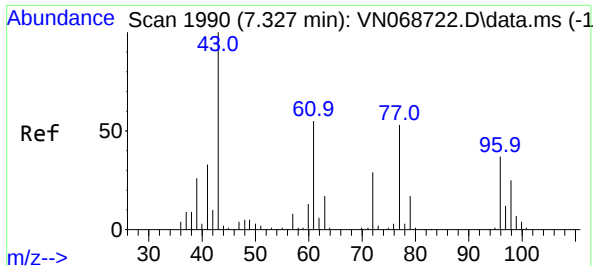
9/30/2021 12:17:07 PM



#30
2-Butanone
Concen: 29.005 ug/l
RT: 7.335 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23

Tgt Ion:	43	Resp:	136664
Ion Ratio	Lower	Upper	
43	100		
57	7.7	7.0	10.4
72	23.4	23.6	35.4#





#31
2,2-Dichloropropane
Concen: 5.398 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. -0.002 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23

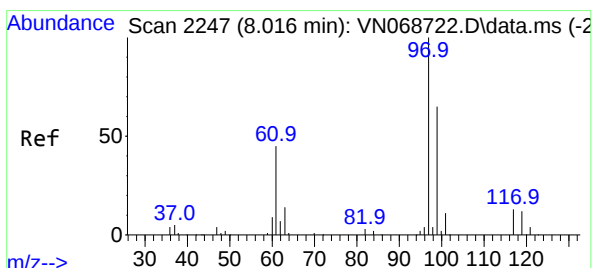
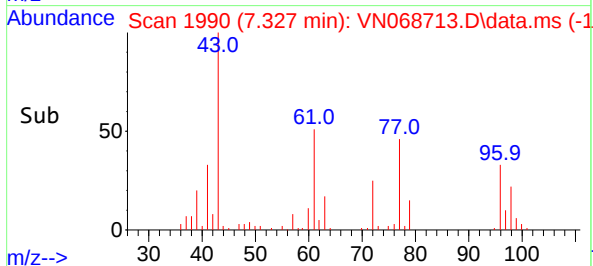
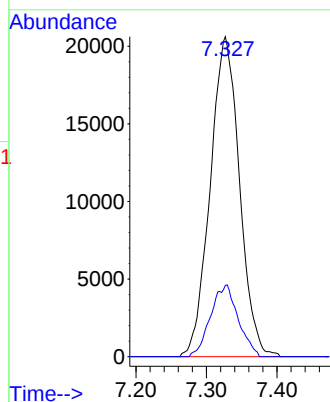
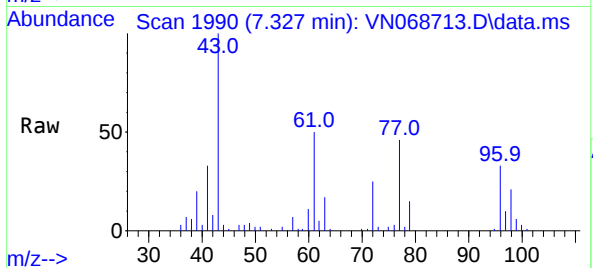
Tgt Ion: 77 Resp: 59465
Ion Ratio Lower Upper
77 100
97 9.3 19.0 28.4#

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

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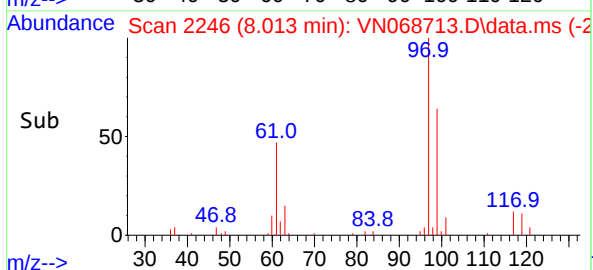
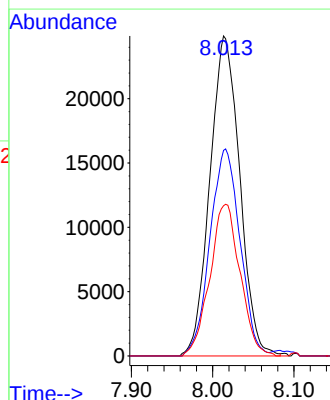
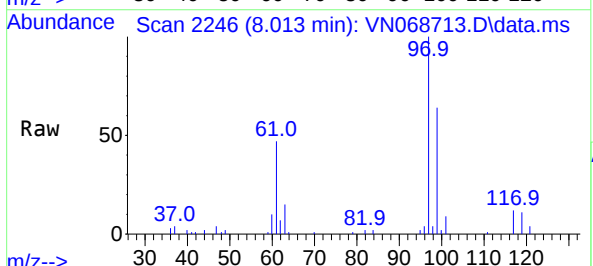
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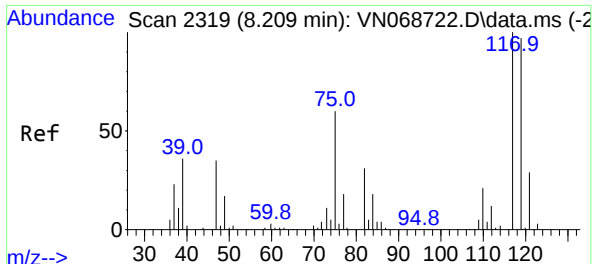
9/30/2021 12:17:07 PM



#32
1,1,1-Trichloroethane
Concen: 6.083 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.002 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23

Tgt Ion: 97 Resp: 63504
Ion Ratio Lower Upper
97 100
99 65.2 51.5 77.3
61 48.1 34.7 52.1





#33
Carbon Tetrachloride
Concen: 6.584 ug/l
RT: 8.204 min Scan# 2317
Delta R.T. -0.005 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23

Tgt Ion: 117 Resp: 56788

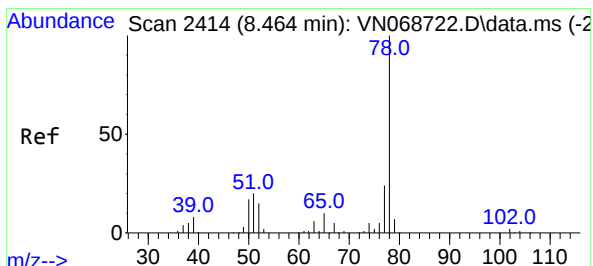
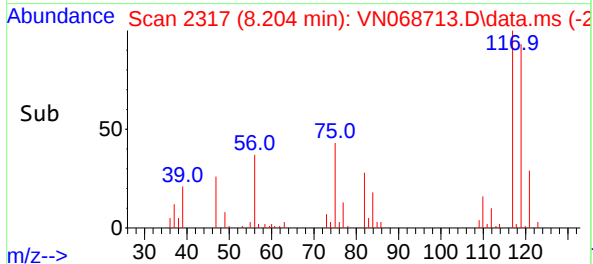
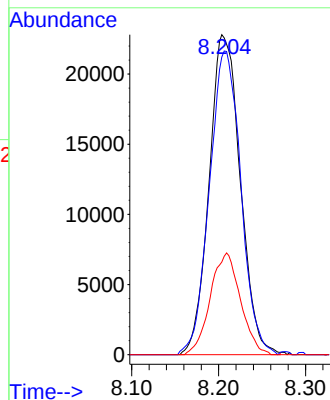
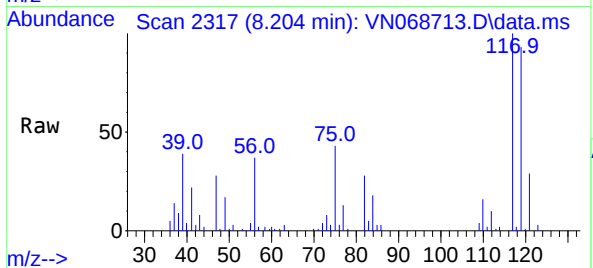
Ion	Ratio	Lower	Upper
117	100		
119	92.2	77.0	115.4
121	29.0	24.8	37.2

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

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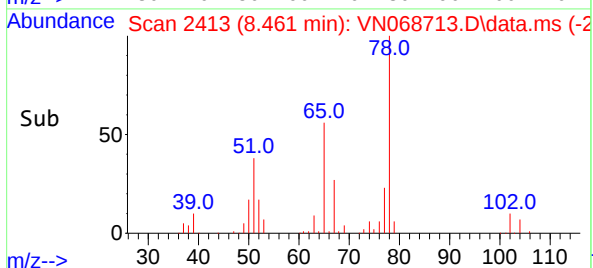
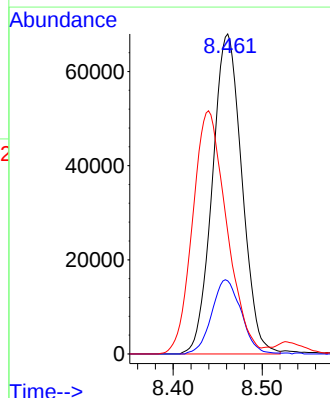
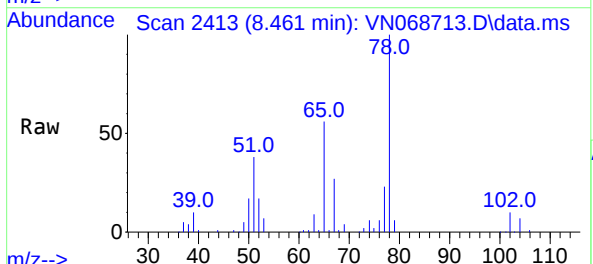
9/30/2021 12:17:07 PM

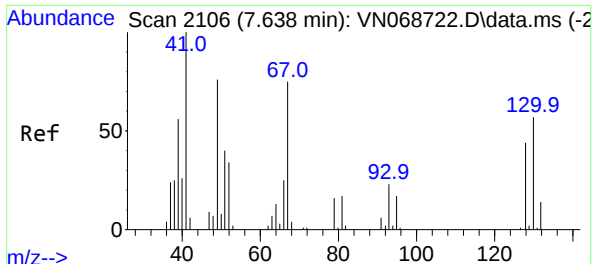


#34
Benzene
Concen: 4.823 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23

Tgt Ion: 78 Resp: 156796

Ion	Ratio	Lower	Upper
78	100		
77	22.8	19.0	28.6
51	35.0	22.1	33.1#





#35
Methacrylonitrile
Concen: 5.546 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. 0.003 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23

Tgt Ion: 41 Resp: 27455

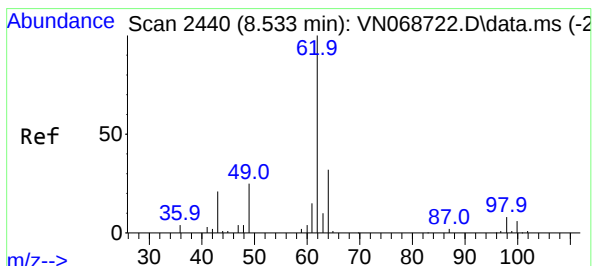
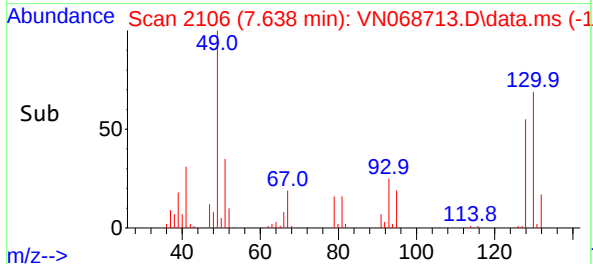
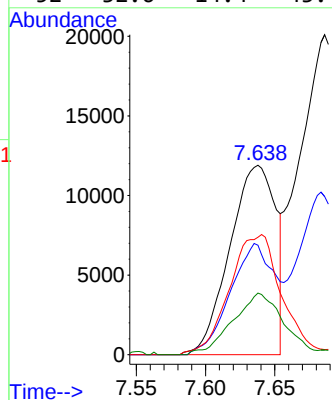
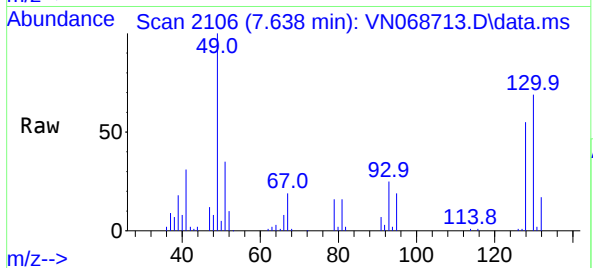
Ion	Ratio	Lower	Upper
41	100		
39	57.7	26.8	80.3
67	62.0	38.0	113.9
52	32.6	14.4	43.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

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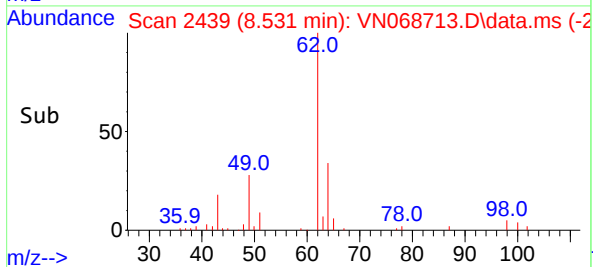
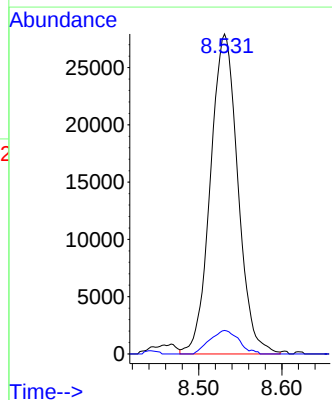
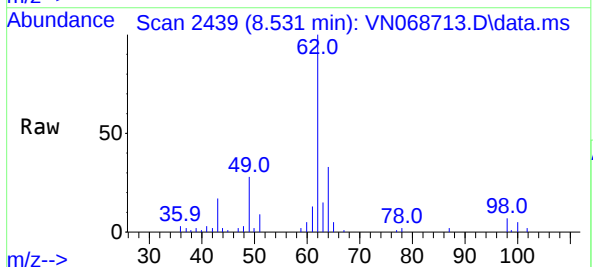
9/30/2021 12:17:07 PM

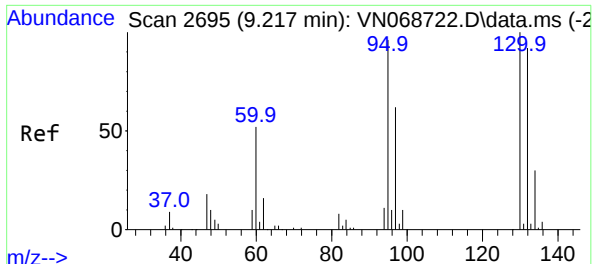


#36
1,2-Dichloroethane
Concen: 6.580 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23

Tgt Ion: 62 Resp: 64256

Ion	Ratio	Lower	Upper
62	100		
98	7.5	7.4	11.2





#37

Trichloroethene

Concen: 5.214 ug/l

RT: 9.217 min Scan# 2695

Delta R.T. 0.000 min

Lab File: VN068713.D

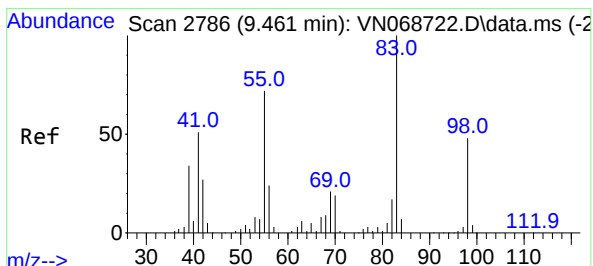
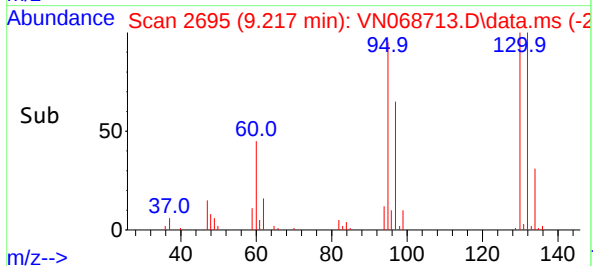
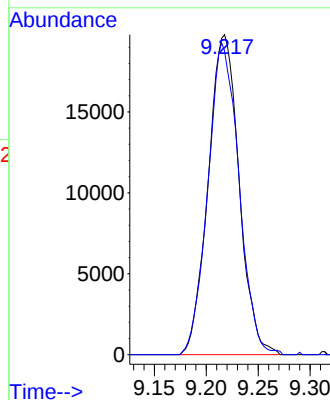
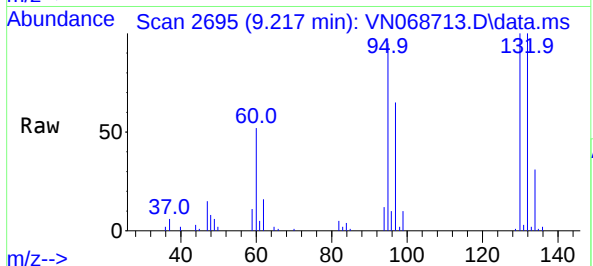
Acq: 28 Sep 2021 10:23

Tgt Ion:130 Resp: 40932

Ion Ratio Lower Upper

130 100

95 95.0 74.0 111.0



#38

Methylcyclohexane

Concen: 4.773 ug/l

RT: 9.459 min Scan# 2785

Delta R.T. -0.002 min

Lab File: VN068713.D

Acq: 28 Sep 2021 10:23

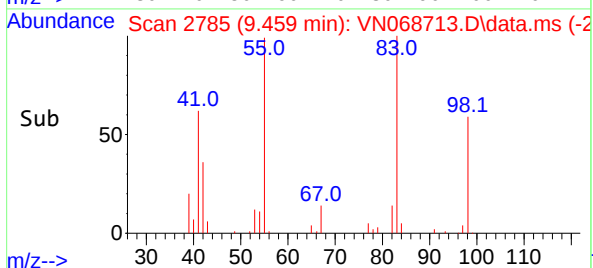
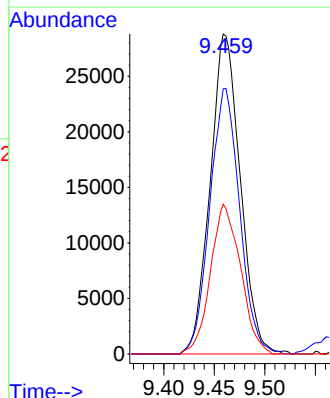
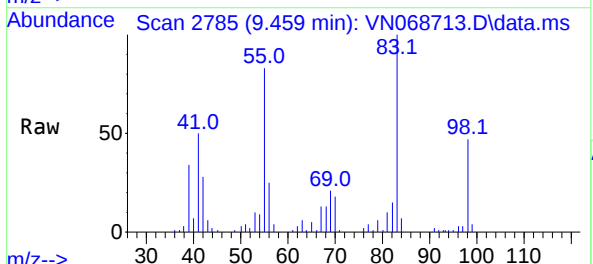
Tgt Ion: 83 Resp: 59567

Ion Ratio Lower Upper

83 100

55 82.4 37.2 111.6

98 46.9 23.8 71.4



Instrument :

MSVOA_N

ClientSampleId :

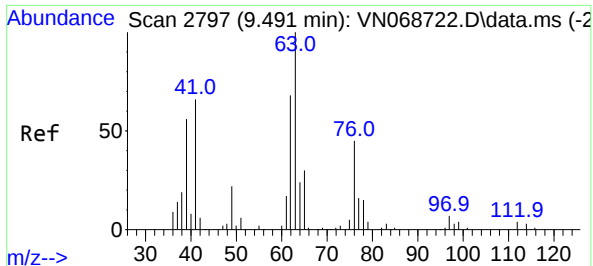
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#39
1,2-Dichloropropane
Concen: 4.749 ug/l
RT: 9.491 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23

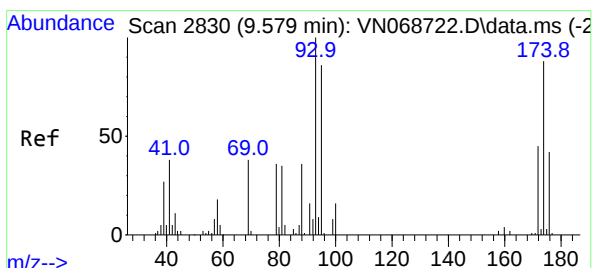
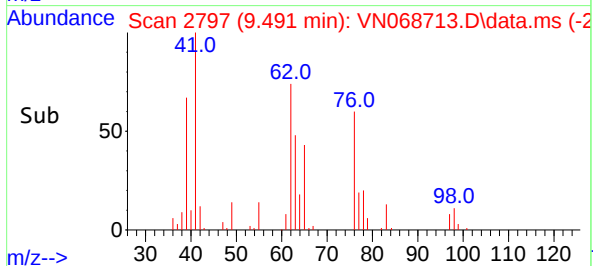
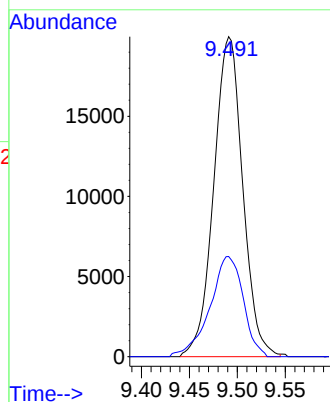
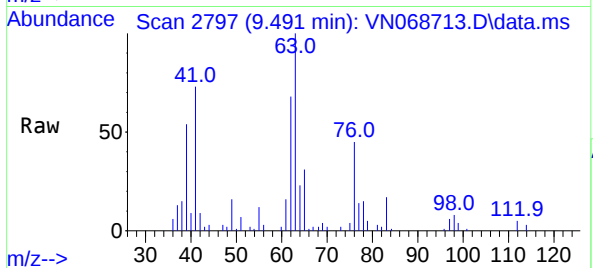
Tgt Ion: 63 Resp: 41950
Ion Ratio Lower Upper
63 100
65 31.3 24.1 36.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

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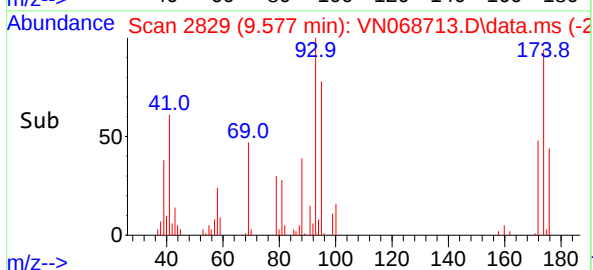
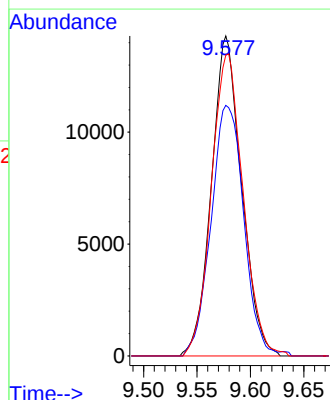
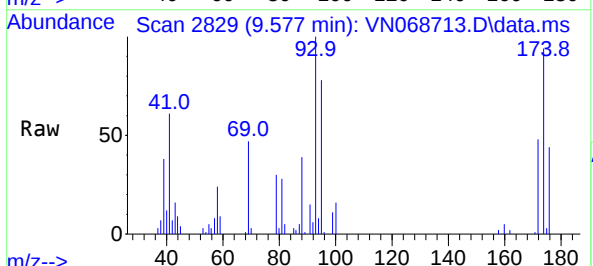
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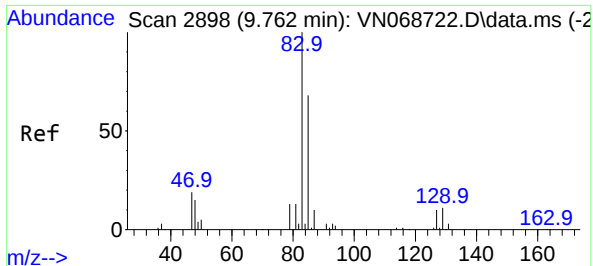
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#40
Dibromomethane
Concen: 5.599 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. -0.002 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23

Tgt Ion: 93 Resp: 28032
Ion Ratio Lower Upper
93 100
95 84.8 0.0 168.6
174 99.1 0.0 246.4





#41
Bromodichloromethane
Concen: 5.544 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. -0.003 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23

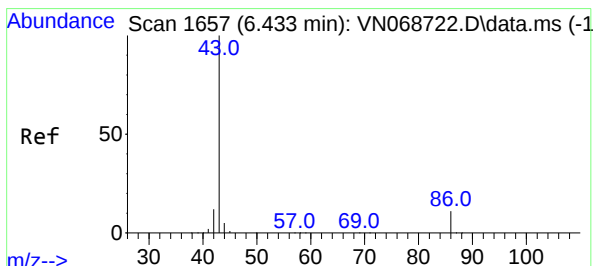
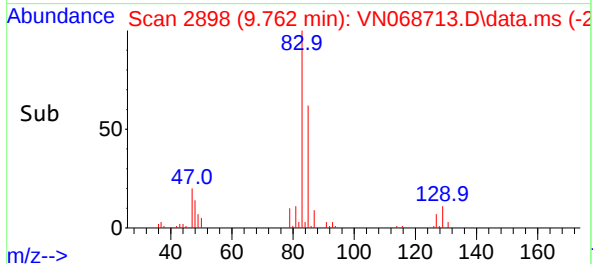
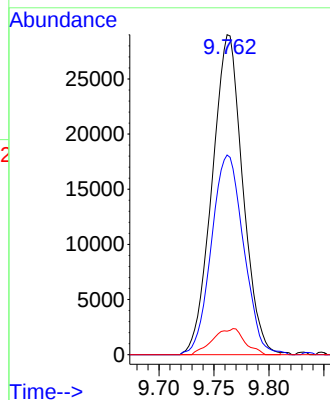
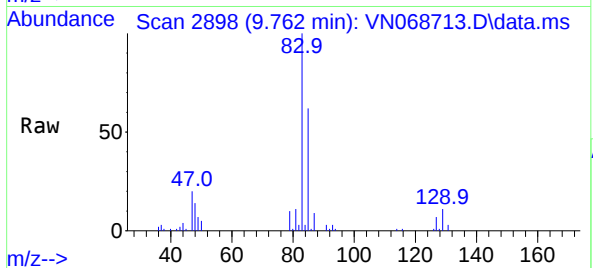
Tgt Ion: 83 Resp: 56220
Ion Ratio Lower Upper
83 100
85 62.4 50.7 76.1
127 7.4 7.5 11.3#

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
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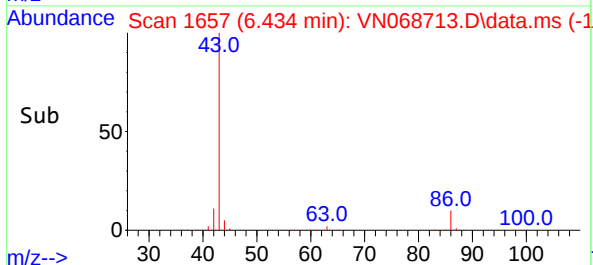
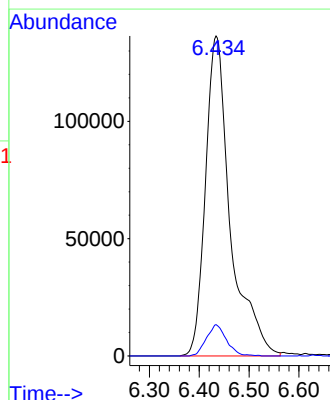
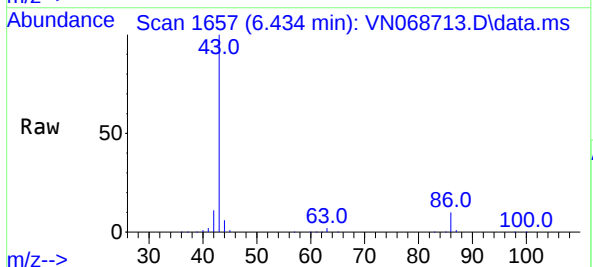
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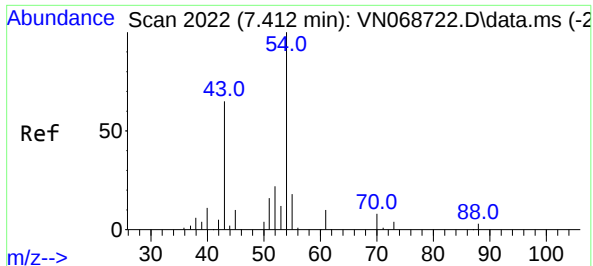
9/30/2021 12:17:07 PM



#42
Vinyl Acetate
Concen: 22.937 ug/l
RT: 6.434 min Scan# 1657
Delta R.T. 0.000 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23

Tgt Ion: 43 Resp: 473388
Ion Ratio Lower Upper
43 100
86 7.8 7.9 11.9#





#43
Ethyl Acetate
Concen: 4.912 ug/l
RT: 7.415 min Scan# 2023
Delta R.T. 0.003 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23

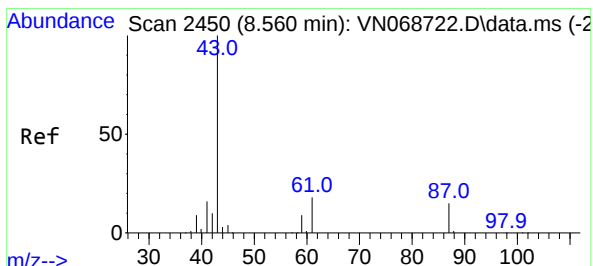
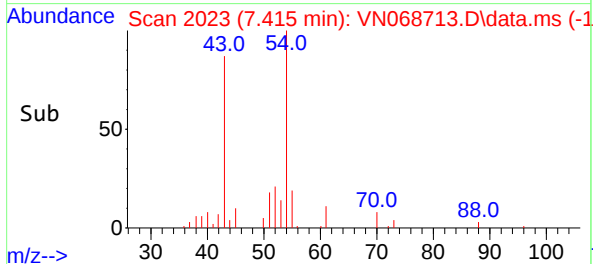
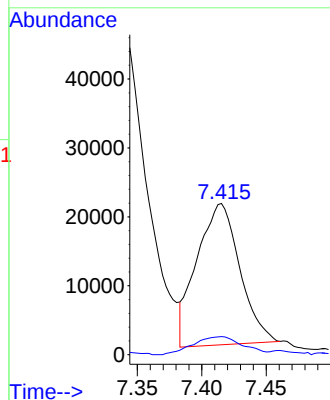
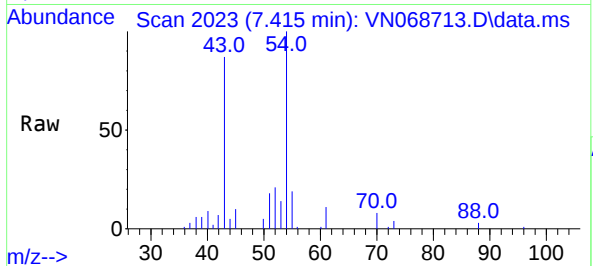
Tgt Ion: 43 Resp: 47410
Ion Ratio Lower Upper
43 100
45 14.7 12.9 19.3

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Manual Integrations
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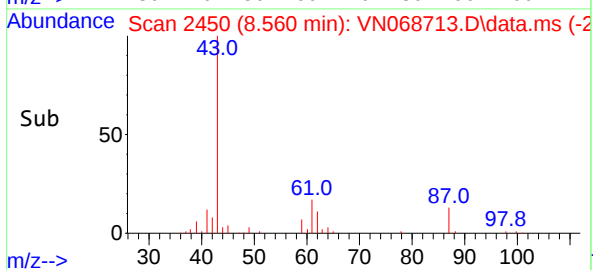
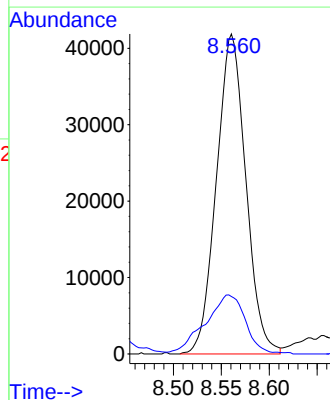
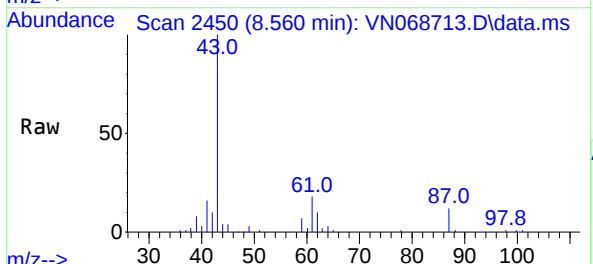
MMDadoda

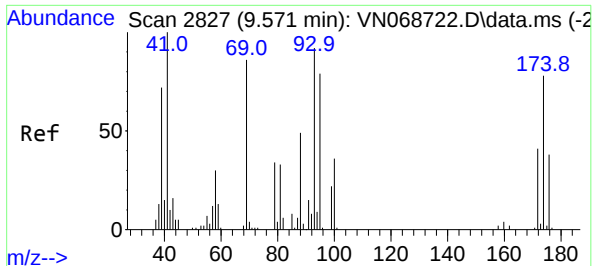
9/30/2021 12:17:07 PM



#44
Isopropyl Acetate
Concen: 5.352 ug/l
RT: 8.560 min Scan# 2450
Delta R.T. 0.000 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23

Tgt Ion: 43 Resp: 89313
Ion Ratio Lower Upper
43 100
61 23.5 16.8 25.2





#45
1,4-Dioxane
Concen: 96.510 ug/l
RT: 9.569 min Scan# 2826
Delta R.T. 0.000 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23

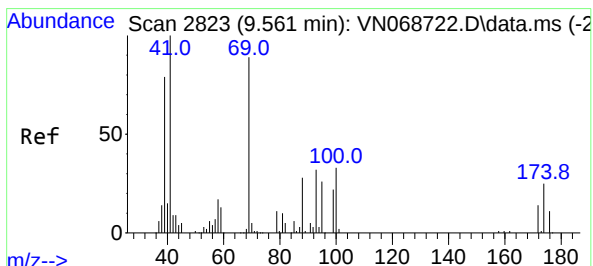
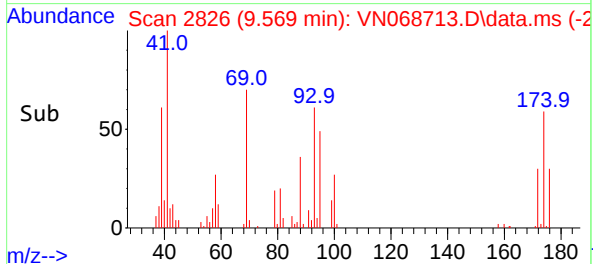
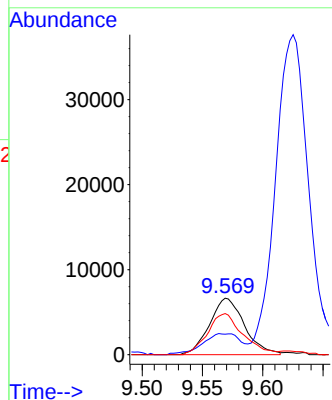
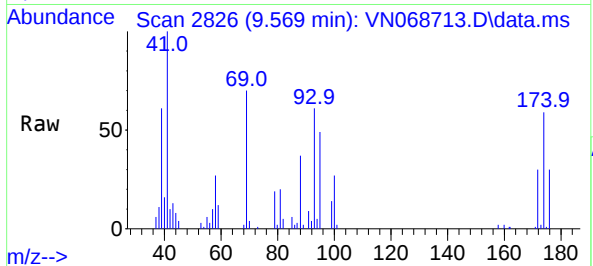
Tgt Ion: 88 Resp: 13358
Ion Ratio Lower Upper
88 100
43 25.1 28.3 42.5#
58 73.7 53.8 80.6

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Manual Integrations
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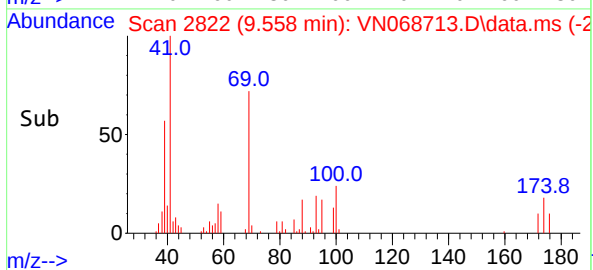
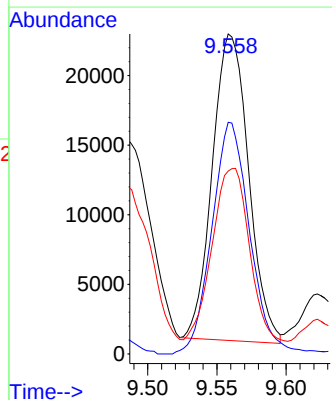
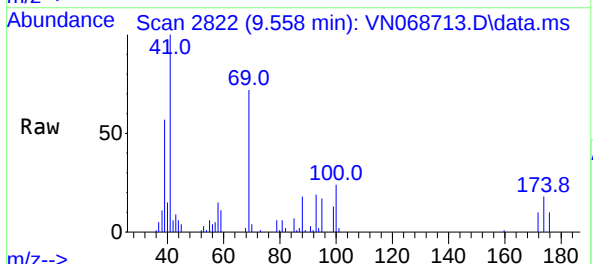
MMDadoda

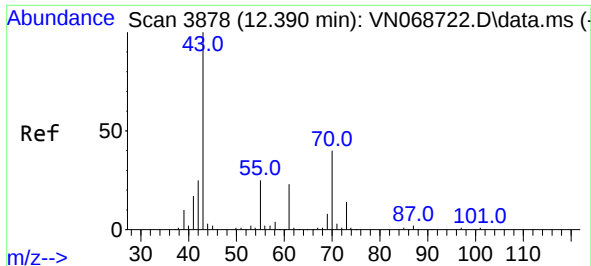
9/30/2021 12:17:07 PM



#46
Methyl methacrylate
Concen: 5.014 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. -0.002 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23

Tgt Ion: 41 Resp: 40100
Ion Ratio Lower Upper
41 100
69 75.1 46.3 138.8
39 55.5 26.8 80.3





#47
n-amyl acetate
Concen: 4.083 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23

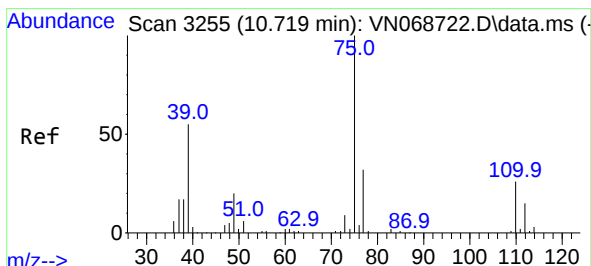
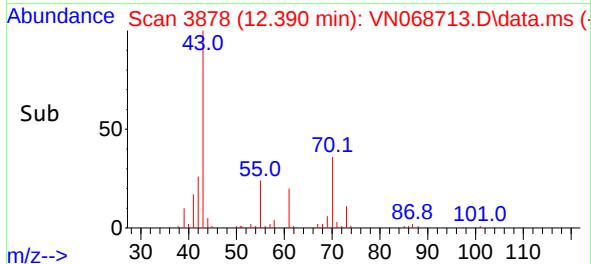
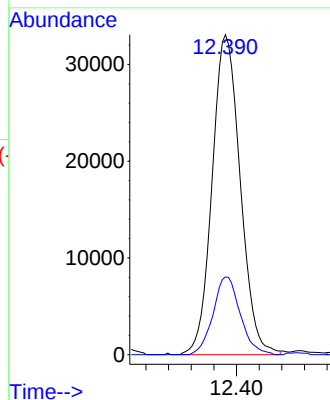
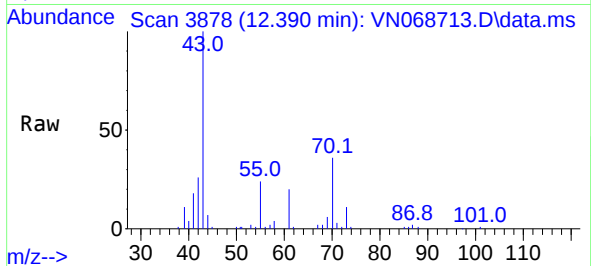
Tgt Ion: 43 Resp: 57003
Ion Ratio Lower Upper
43 100
55 23.5 21.3 31.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
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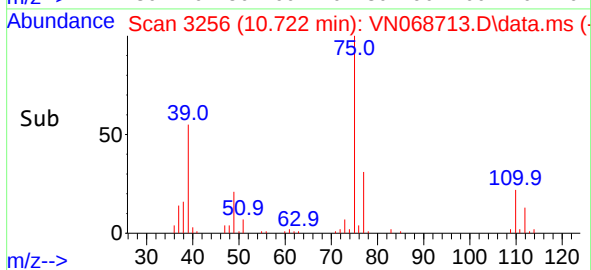
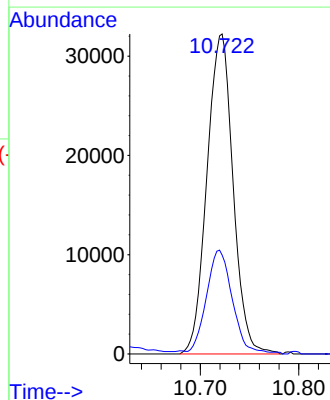
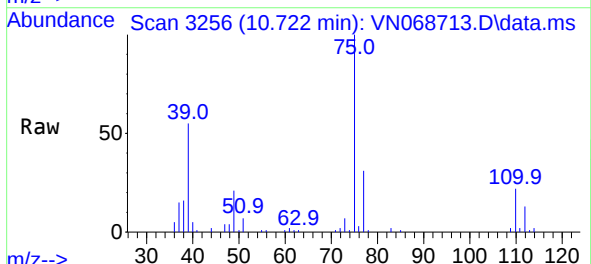
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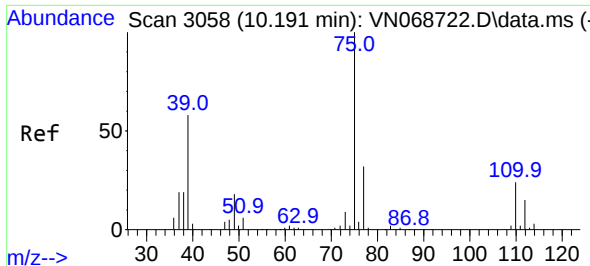
9/30/2021 12:17:07 PM



#48
t-1,3-Dichloropropene
Concen: 4.967 ug/l
RT: 10.722 min Scan# 3256
Delta R.T. 0.000 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23

Tgt Ion: 75 Resp: 59511
Ion Ratio Lower Upper
75 100
77 30.4 26.5 39.7





#49
cis-1,3-Dichloropropene
Concen: 4.514 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. -0.002 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23

Tgt Ion: 75 Resp: 61266

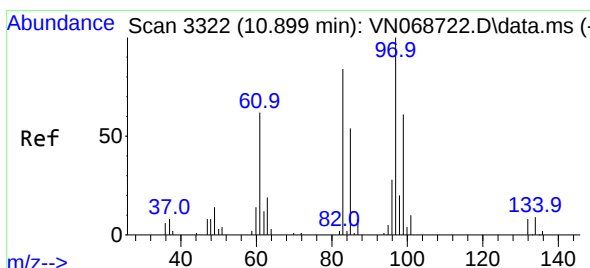
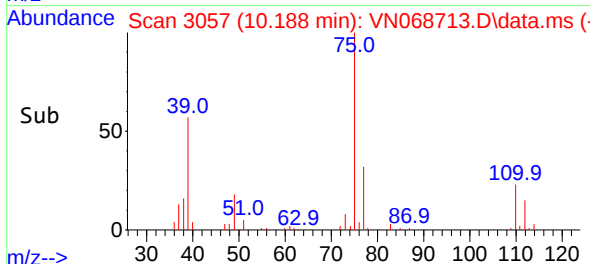
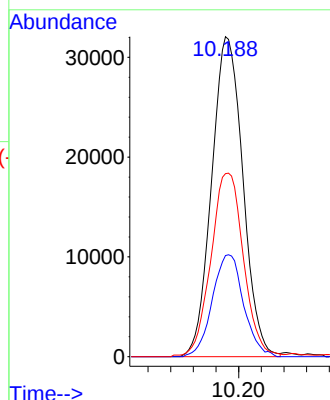
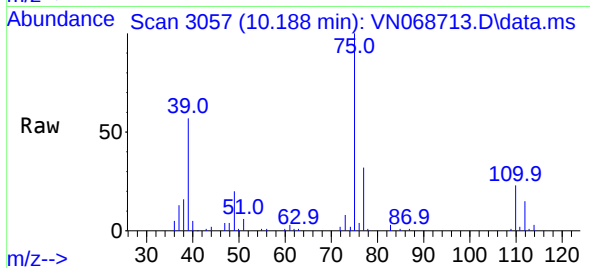
Ion	Ratio	Lower	Upper
75	100		
77	31.6	24.8	37.2
39	56.7	34.4	51.6#

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
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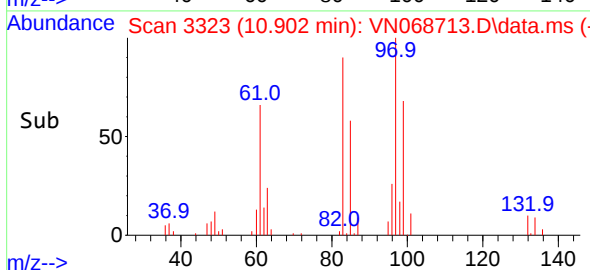
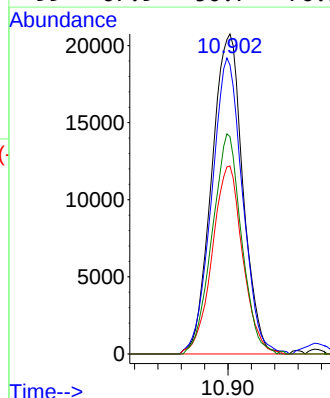
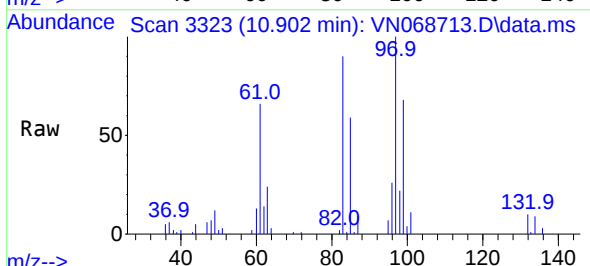
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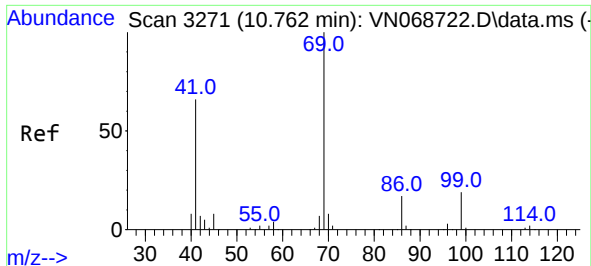


#50
1,1,2-Trichloroethane
Concen: 5.252 ug/l
RT: 10.902 min Scan# 3323
Delta R.T. 0.003 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23

Tgt Ion: 97 Resp: 38481

Ion	Ratio	Lower	Upper
97	100		
83	90.3	68.4	102.6
85	58.8	42.8	64.2
99	67.9	50.7	76.1





#51
Ethyl methacrylate
Concen: 4.612 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23

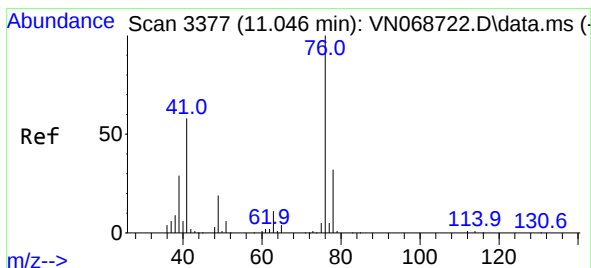
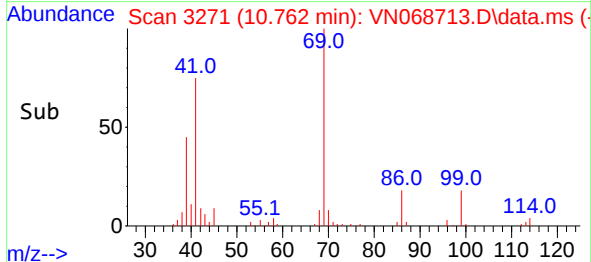
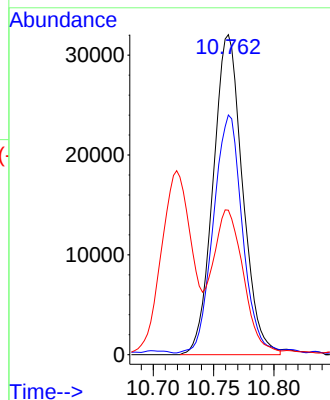
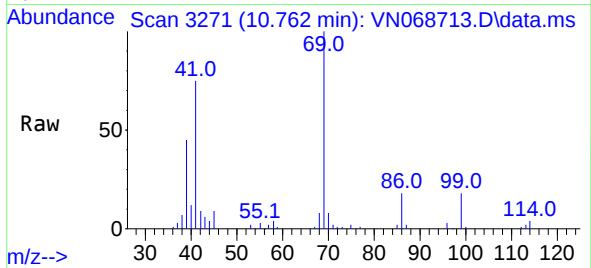
Tgt Ion: 69 Resp: 54418
Ion Ratio Lower Upper
69 100
41 74.1 31.9 95.7
39 44.0 15.6 46.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
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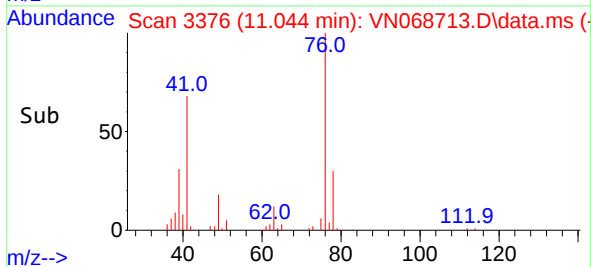
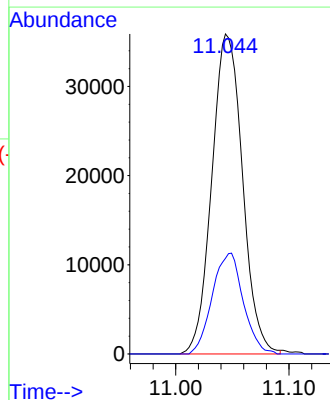
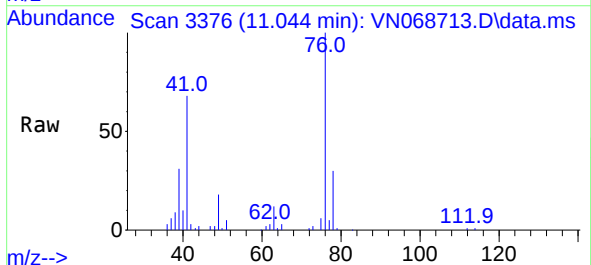
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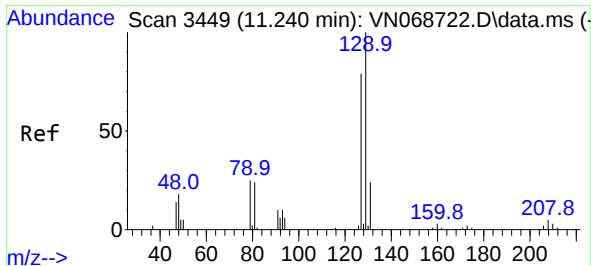
9/30/2021 12:17:07 PM



#52
1,3-Dichloropropane
Concen: 5.142 ug/l
RT: 11.044 min Scan# 3376
Delta R.T. -0.002 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23

Tgt Ion: 76 Resp: 67473
Ion Ratio Lower Upper
76 100
78 31.7 0.0 64.2





#53
Dibromochloromethane
Concen: 5.733 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. 0.000 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23

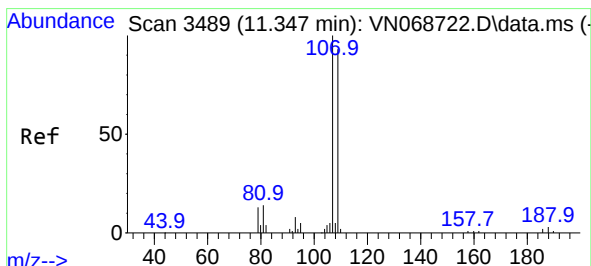
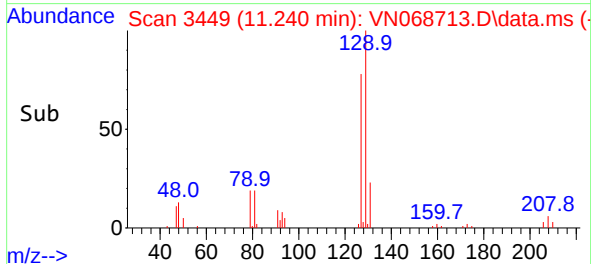
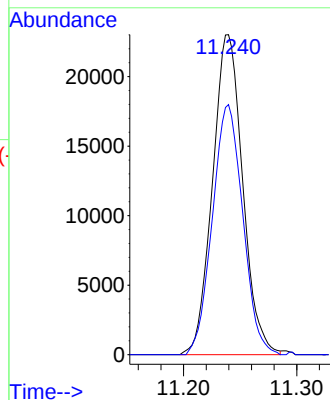
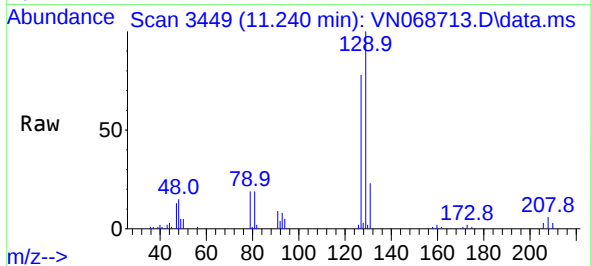
Tgt Ion:129 Resp: 42569
Ion Ratio Lower Upper
129 100
127 78.7 38.9 116.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
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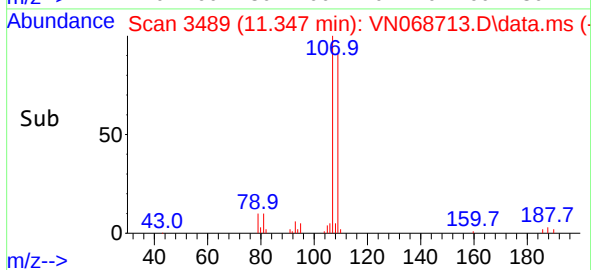
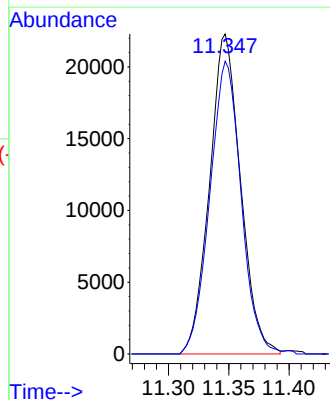
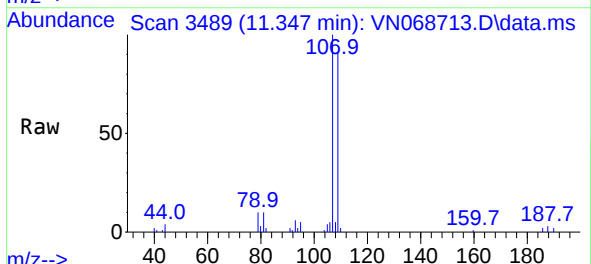
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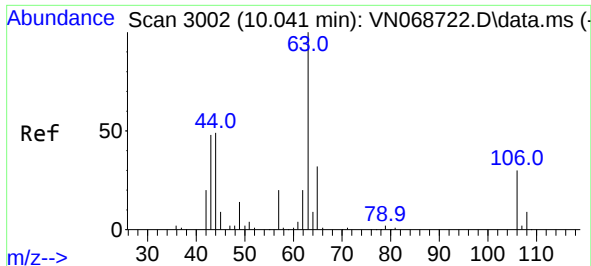
9/30/2021 12:17:07 PM



#54
1,2-Dibromoethane
Concen: 5.437 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. 0.000 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23

Tgt Ion:107 Resp: 39925
Ion Ratio Lower Upper
107 100
109 92.0 76.6 115.0





#55
2-Chloroethyl vinyl ether
Concen: 11.184 ug/l
RT: 10.041 min Scan# 3002
Delta R.T. -0.003 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23

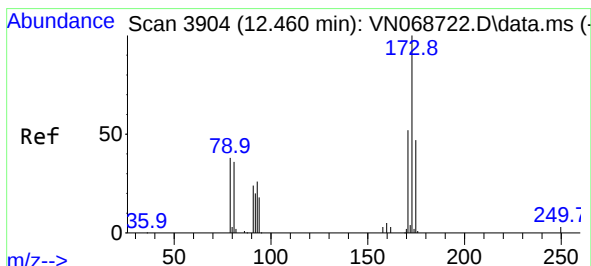
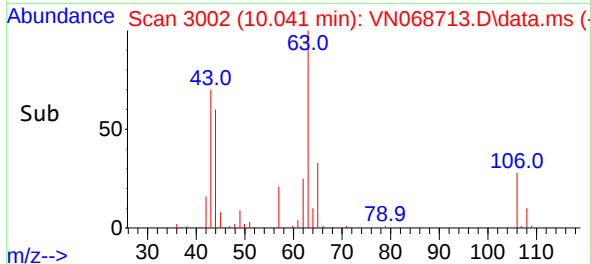
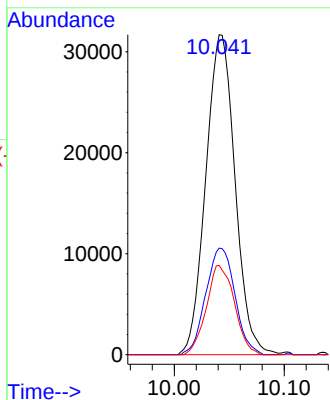
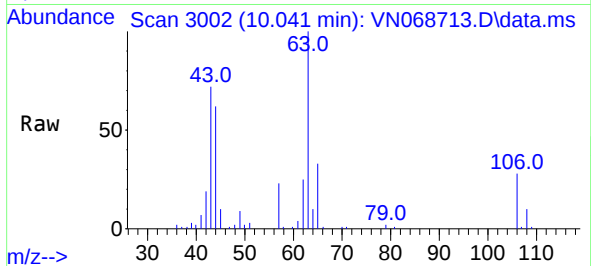
Tgt Ion:	63	Resp:	58637
Ion Ratio	Lower	Upper	
63	100		
65	33.2	25.7	38.5
106	26.7	23.1	34.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
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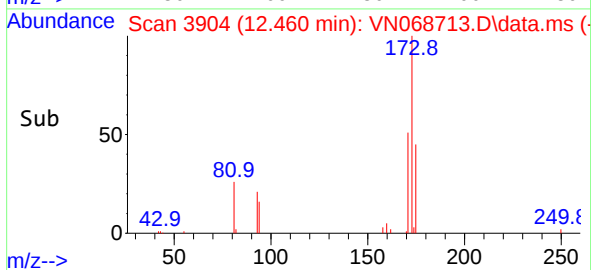
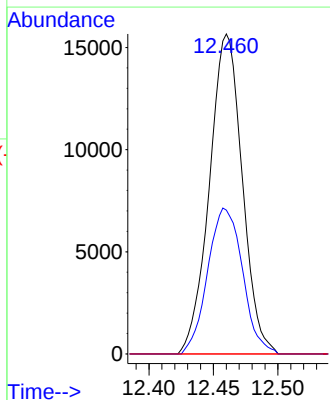
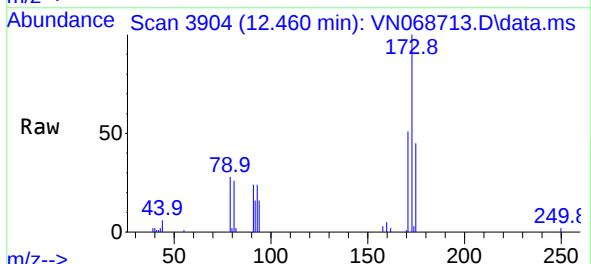
MMDadoda

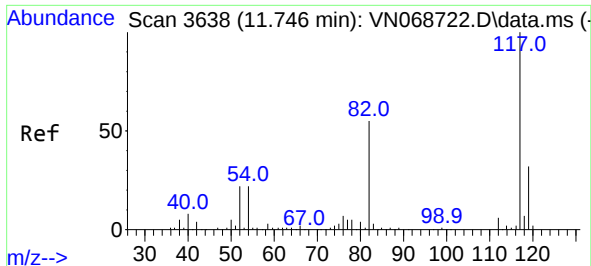
9/30/2021 12:17:07 PM



#56
Bromoform
Concen: 5.911 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. 0.000 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23

Tgt Ion:	173	Resp:	27726
Ion Ratio	Lower	Upper	
173	100		
175	48.4	38.2	57.4
254	0.0	9.8	14.8#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23

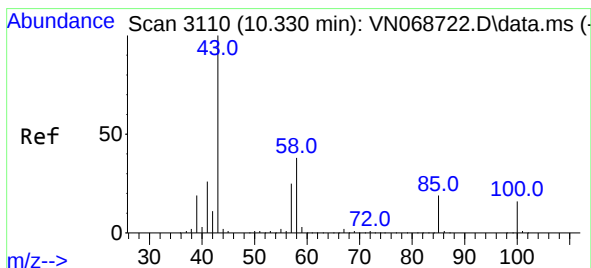
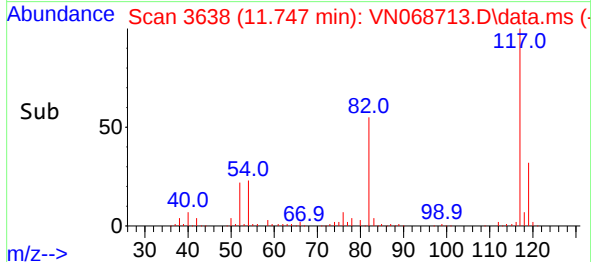
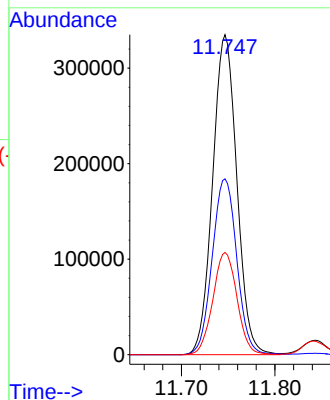
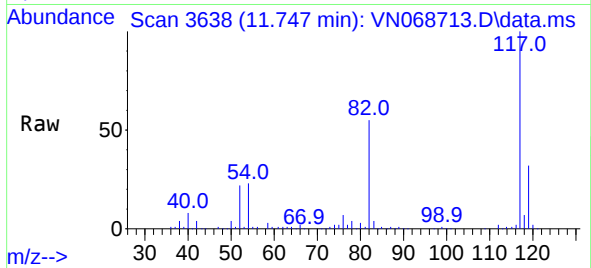
Tgt Ion: 117 Resp: 603881
Ion Ratio Lower Upper
117 100
82 55.9 41.3 61.9
119 31.9 25.7 38.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
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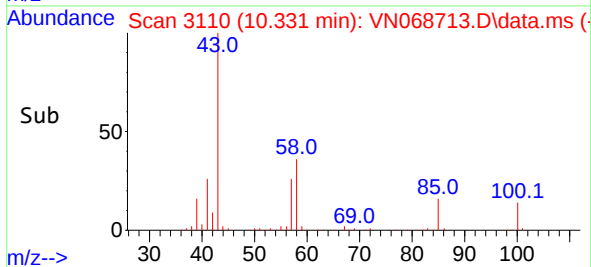
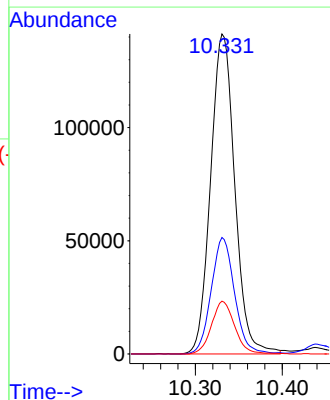
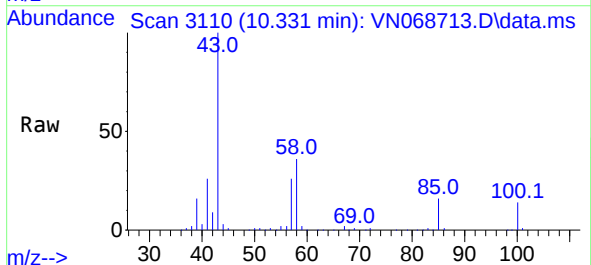
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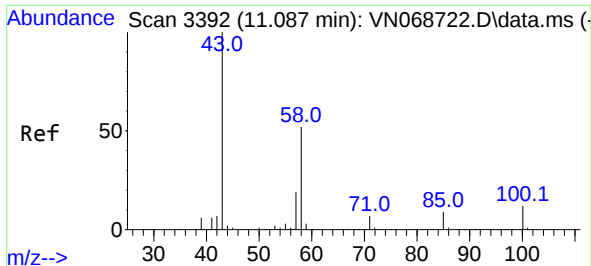
9/30/2021 12:17:07 PM



#58
4-Methyl-2-Pentanone
Concen: 27.250 ug/l
RT: 10.331 min Scan# 3110
Delta R.T. -0.002 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23

Tgt Ion: 43 Resp: 273333
Ion Ratio Lower Upper
43 100
58 35.2 32.7 49.1
85 15.7 16.0 24.0#





#59
2-Hexanone
Concen: 26.471 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. 0.000 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23

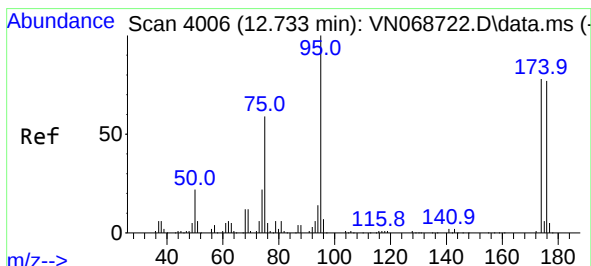
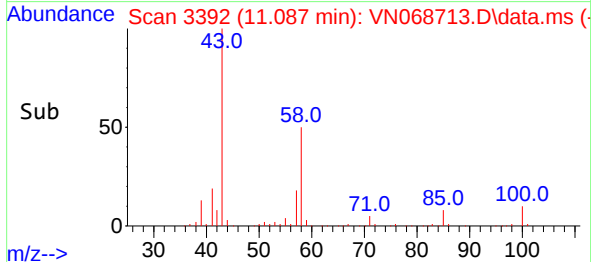
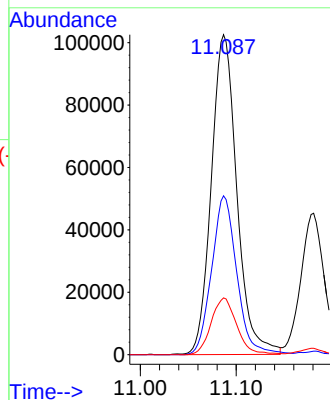
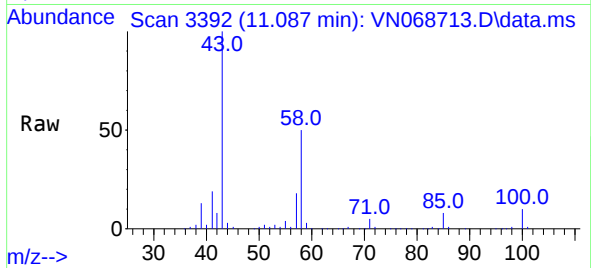
Tgt Ion: 43 Resp: 190054
Ion Ratio Lower Upper
43 100
58 49.0 45.4 68.0
57 17.9 15.8 23.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
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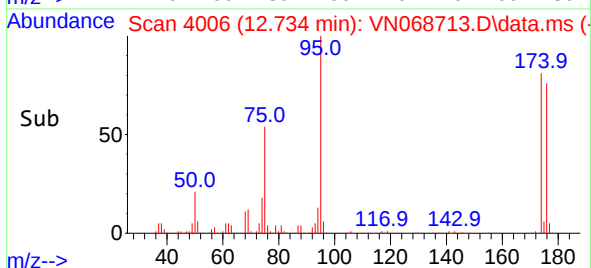
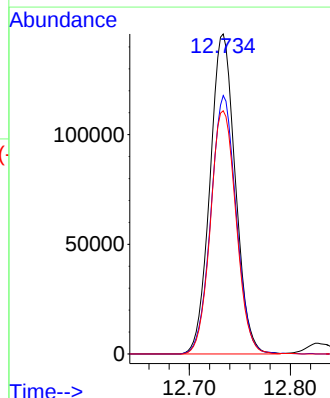
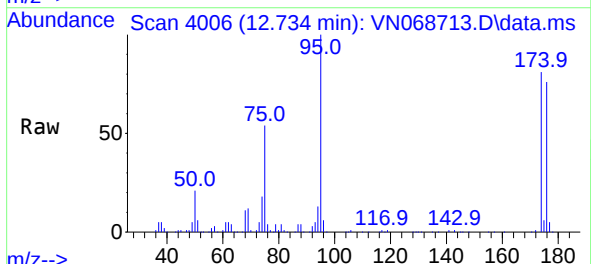
MMDadoda

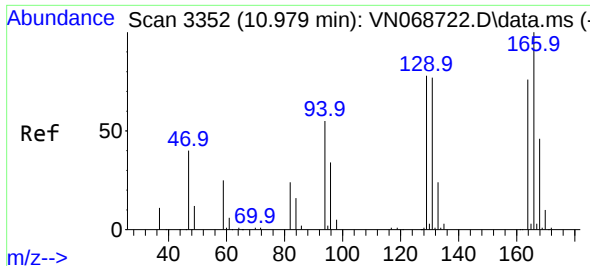
9/30/2021 12:17:07 PM



#60
4-Bromofluorobenzene
Concen: 25.865 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23

Tgt Ion: 95 Resp: 254117
Ion Ratio Lower Upper
95 100
174 80.5 77.0 115.6
176 77.1 75.8 113.6





#61
Tetrachloroethene
Concen: 4.807 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.002 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23

Tgt Ion:164 Resp: 38228

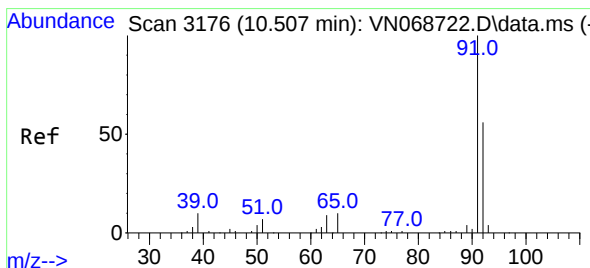
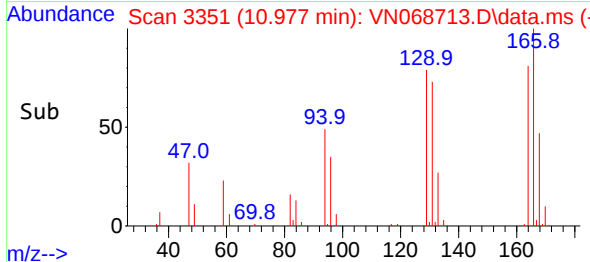
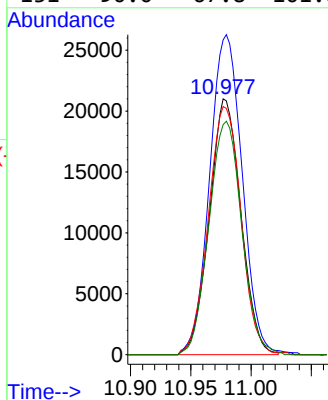
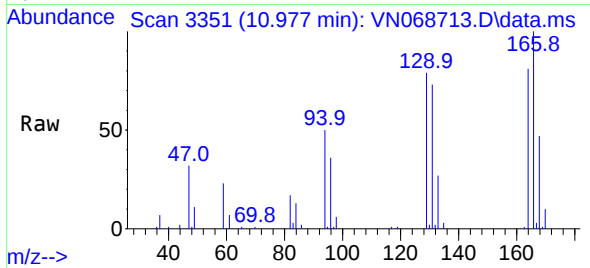
Ion	Ratio	Lower	Upper
164	100		
166	123.1	101.2	151.8
129	97.0	69.7	104.5
131	90.0	67.8	101.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
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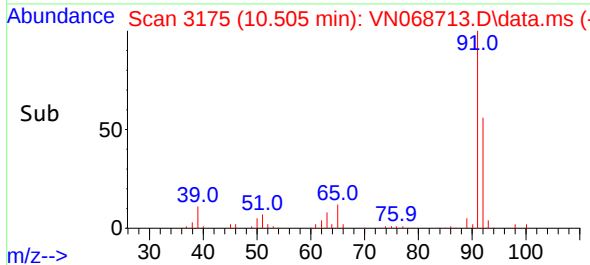
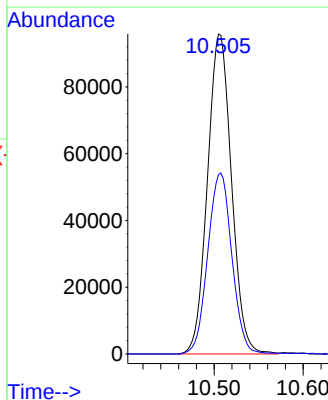
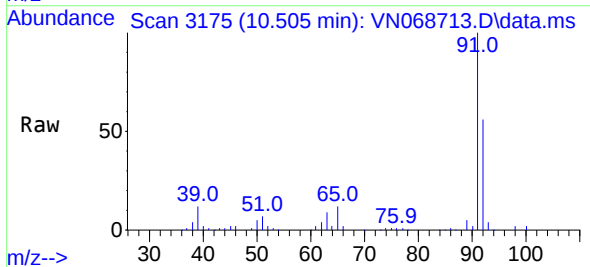
9/30/2021 12:17:07 PM

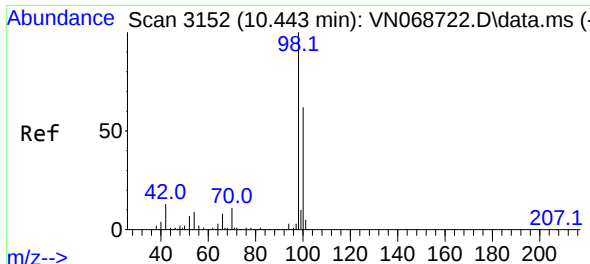


#62
Toluene
Concen: 5.090 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.002 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23

Tgt Ion: 91 Resp: 179739

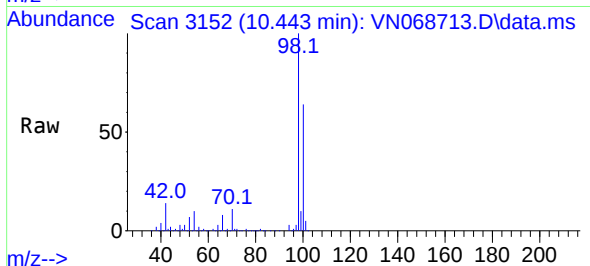
Ion	Ratio	Lower	Upper
91	100		
92	56.8	46.2	69.4



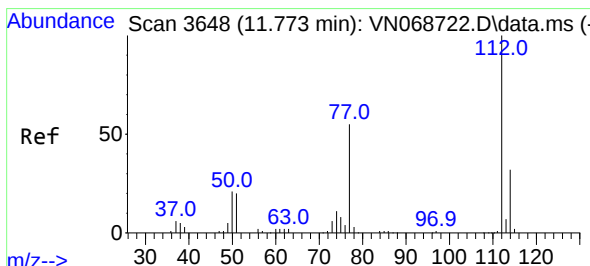
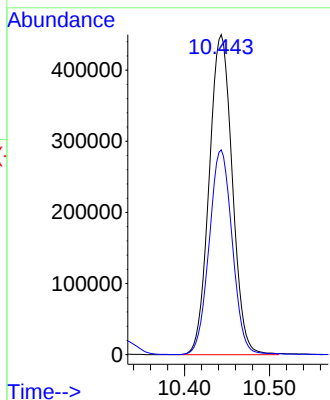
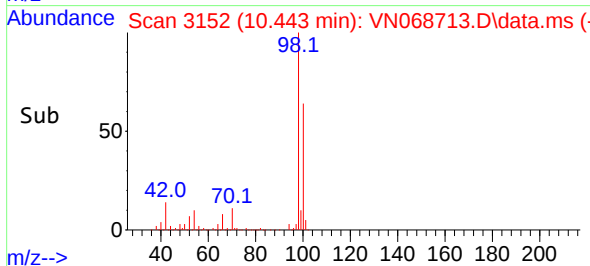


#63
Toluene-d8
Concen: 29.278 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23

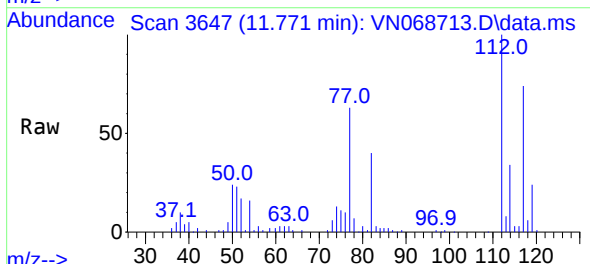
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



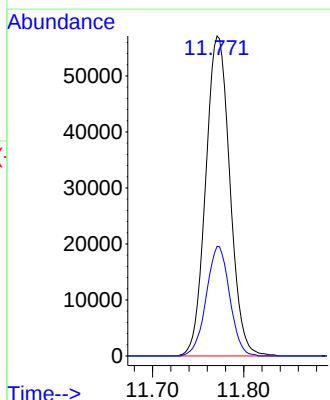
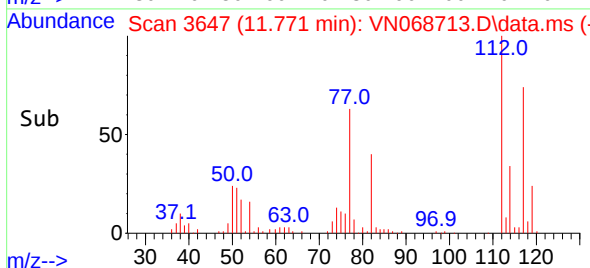
Tgt Ion: 98 Resp: 850026
Ion Ratio Lower Upper
98 100
100 63.7 51.9 77.9

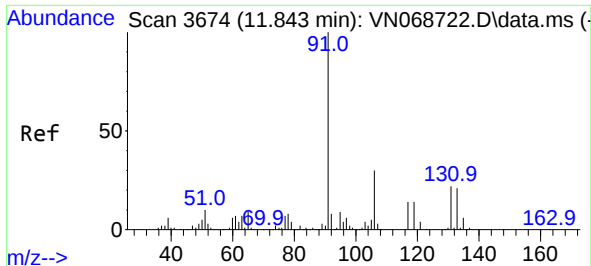


#64
Chlorobenzene
Concen: 5.051 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. 0.000 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23



Tgt Ion: 112 Resp: 105216
Ion Ratio Lower Upper
112 100
114 34.3 25.5 38.3





#65
1,1,1,2-Tetrachloroethane
Concen: 5.575 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23

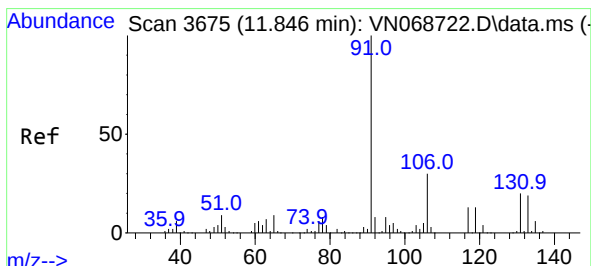
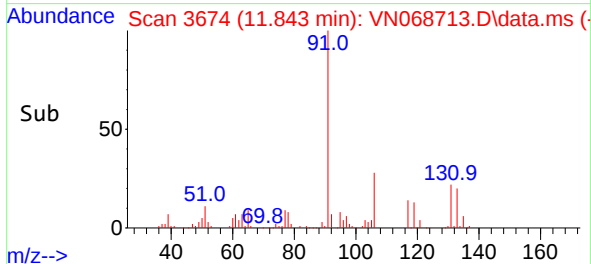
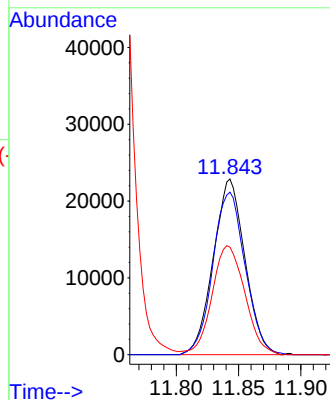
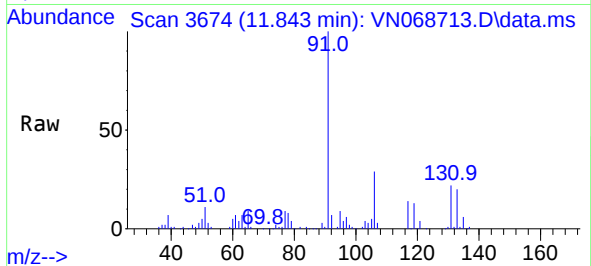
Tgt Ion:131 Resp: 40392
Ion Ratio Lower Upper
131 100
133 94.8 0.0 186.2
119 64.5 0.0 131.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
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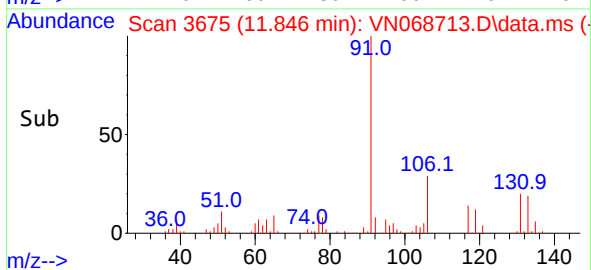
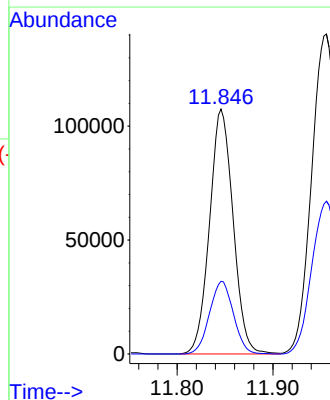
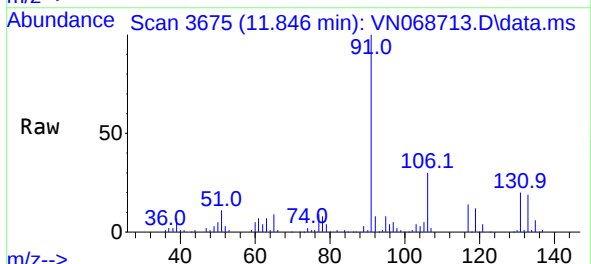
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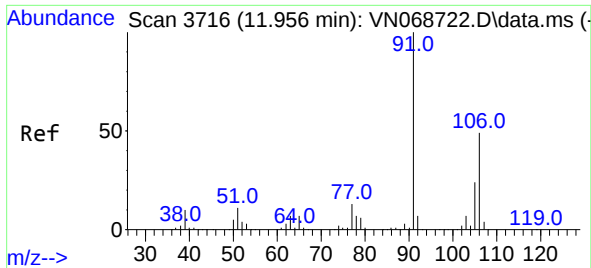
9/30/2021 12:17:07 PM



#66
Ethyl Benzene
Concen: 4.858 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.000 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23

Tgt Ion: 91 Resp: 183641
Ion Ratio Lower Upper
91 100
106 29.7 25.5 38.3





#67
m/p-Xylenes
Concen: 9.610 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.003 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23

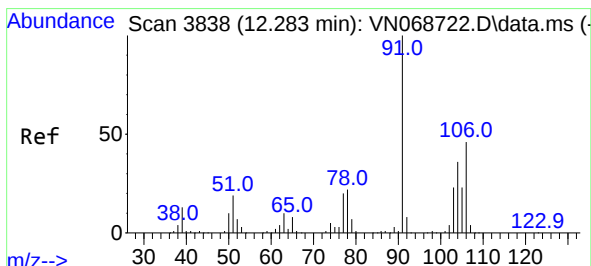
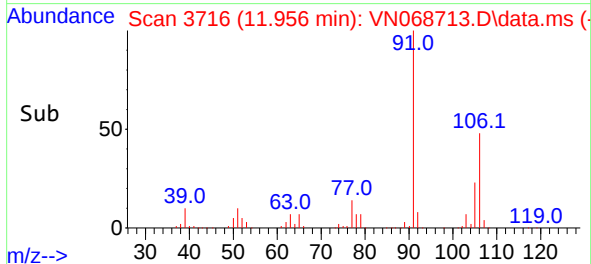
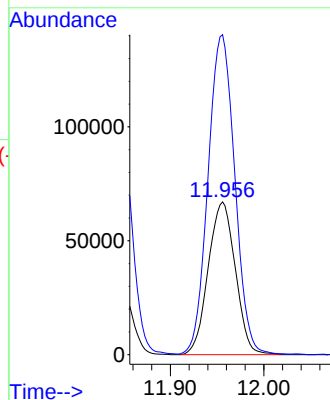
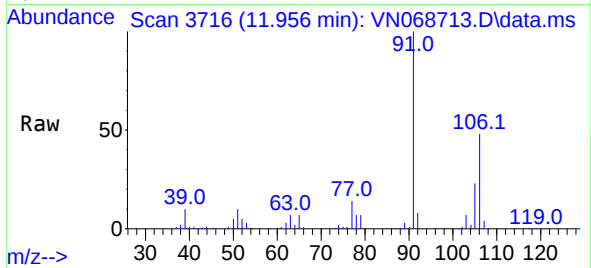
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 135259
Ion Ratio Lower Upper
106 100
91 206.1 159.0 238.6

Manual Integrations
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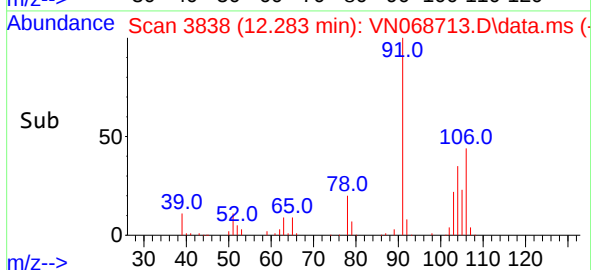
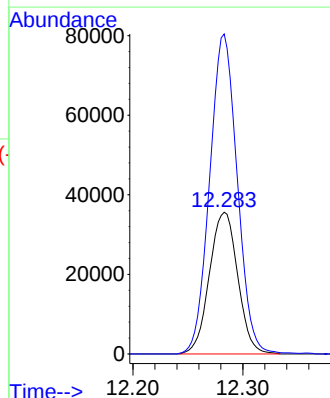
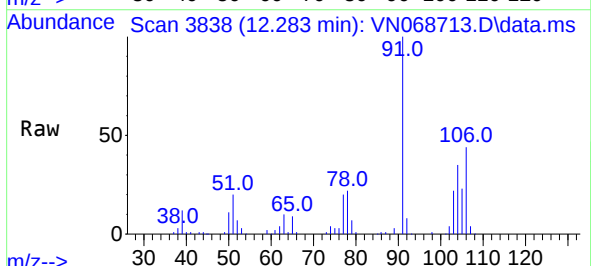
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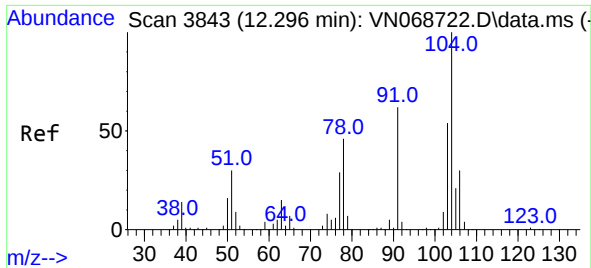
9/30/2021 12:17:07 PM



#68
o-Xylene
Concen: 4.655 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23

Tgt Ion:106 Resp: 63796
Ion Ratio Lower Upper
106 100
91 219.5 104.7 313.9





#69
Styrene
Concen: 4.400 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.000 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23

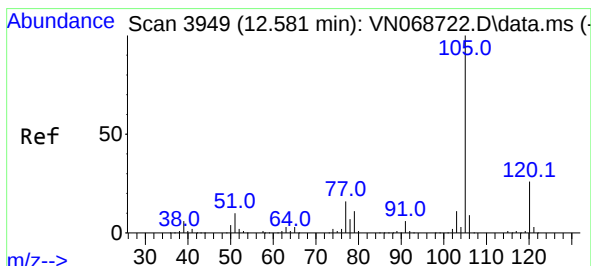
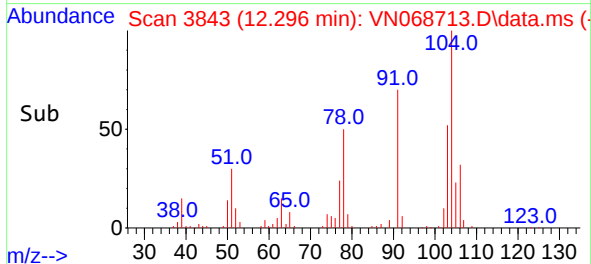
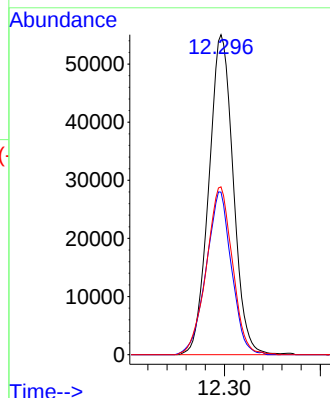
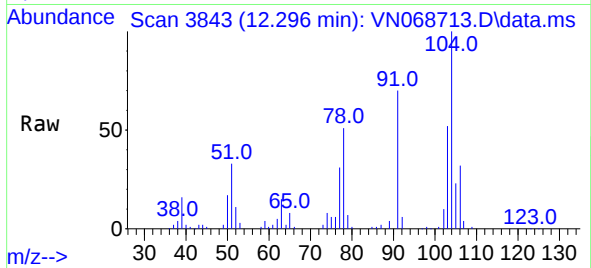
Tgt Ion:104 Resp: 97513
Ion Ratio Lower Upper
104 100
78 52.6 38.0 57.0
103 56.0 44.3 66.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
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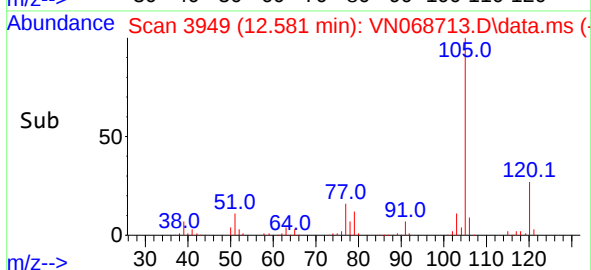
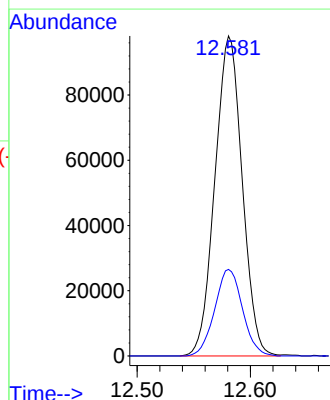
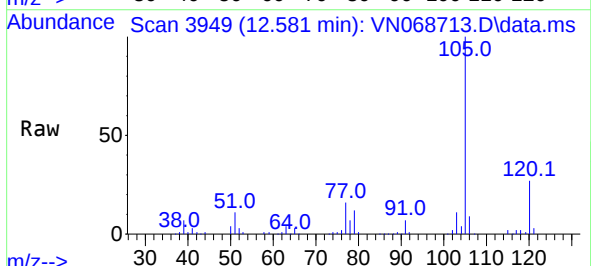
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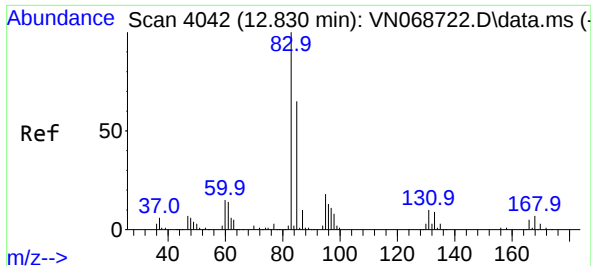
9/30/2021 12:17:07 PM



#70
Isopropylbenzene
Concen: 4.659 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23

Tgt Ion:105 Resp: 164022
Ion Ratio Lower Upper
105 100
120 27.6 19.3 35.9





#71
1,1,2,2-Tetrachloroethane
Concen: 4.901 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. -0.003 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23

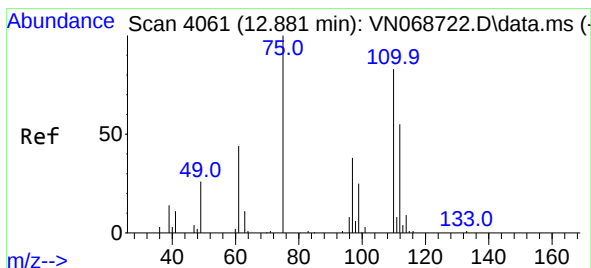
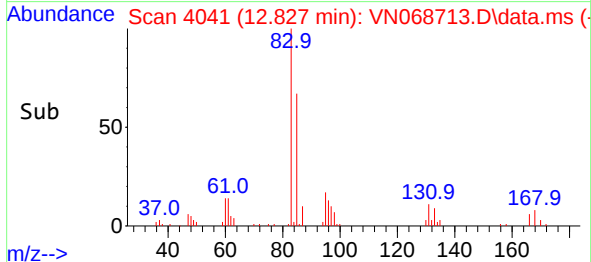
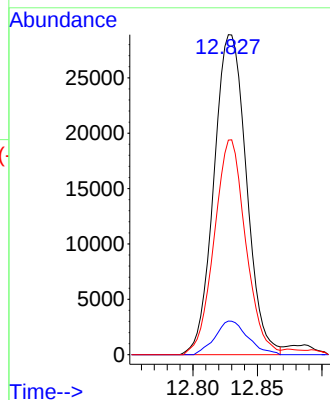
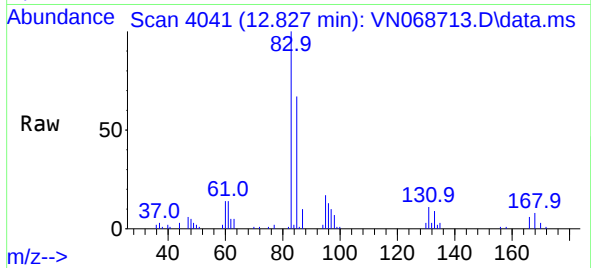
Tgt Ion:	83	Resp:	50608
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.5	16.4
85	65.1	32.1	96.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
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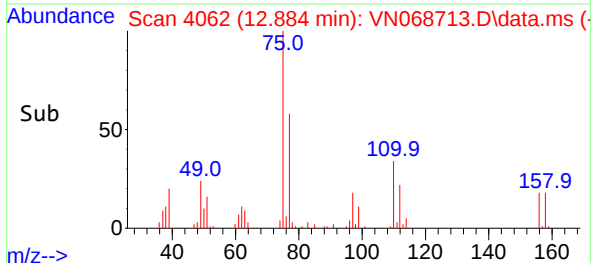
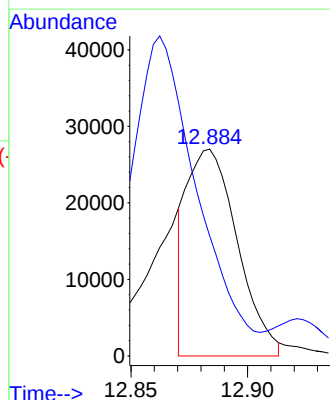
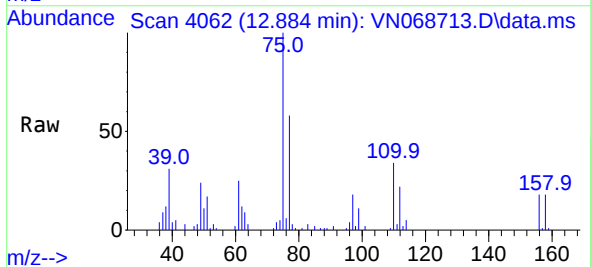
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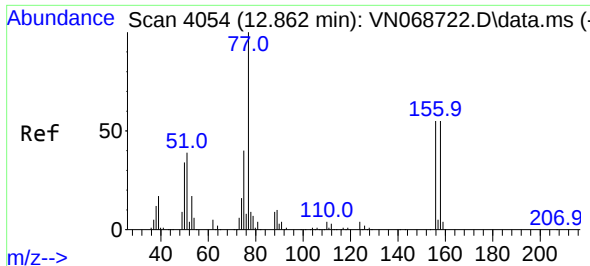
9/30/2021 12:17:07 PM



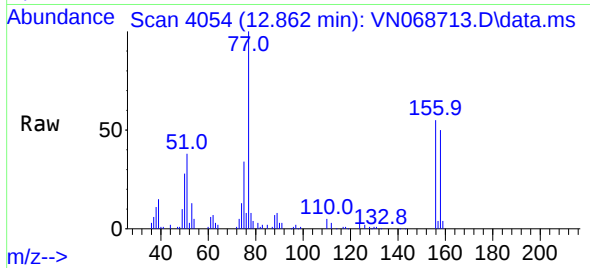
#72
1,2,3-Trichloropropane
Concen: 4.027 ug/l m
RT: 12.884 min Scan# 4062
Delta R.T. 0.003 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23

Tgt Ion:	75	Resp:	40742
Ion Ratio	Lower	Upper	
75	100		
77	205.8	0.0	366.4

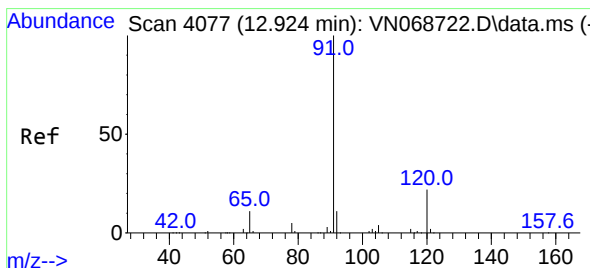
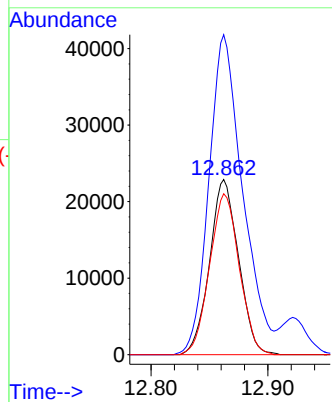
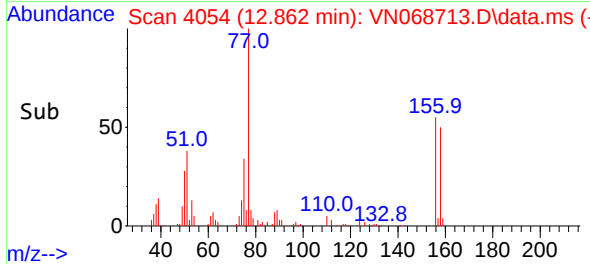




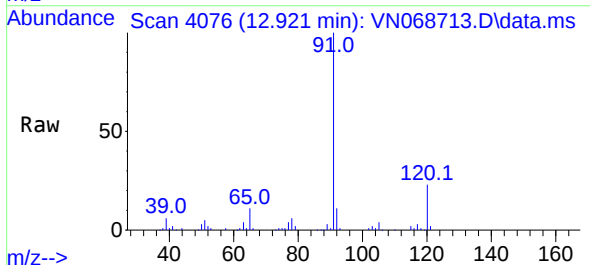
#73
Bromobenzene
Concen: 4.976 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23



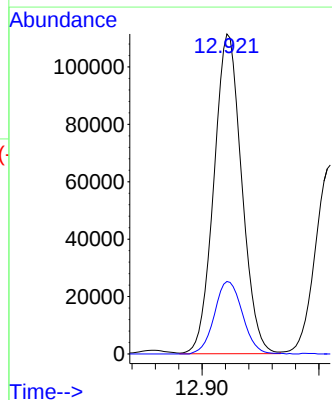
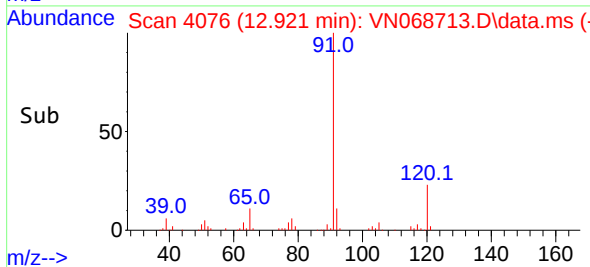
Tgt Ion: 156 Resp: 39465
Ion Ratio Lower Upper
156 100
77 212.4 0.0 348.8
158 94.1 0.0 194.8



#74
n-propylbenzene
Concen: 4.524 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. -0.002 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23



Tgt Ion: 91 Resp: 184105
Ion Ratio Lower Upper
91 100
120 22.8 0.0 49.4

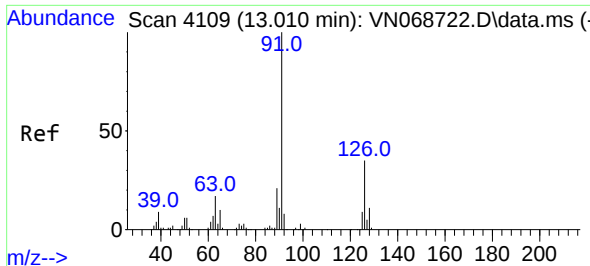


Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
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9/30/2021 12:17:07 PM



#75
2-Chlorotoluene
Concen: 4.592 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. 0.000 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23

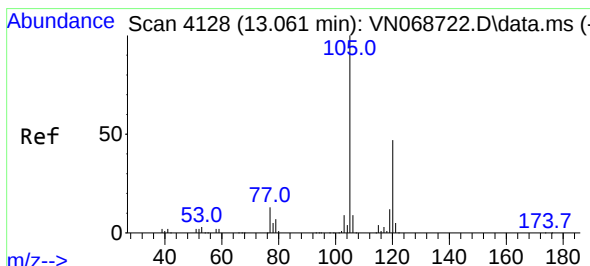
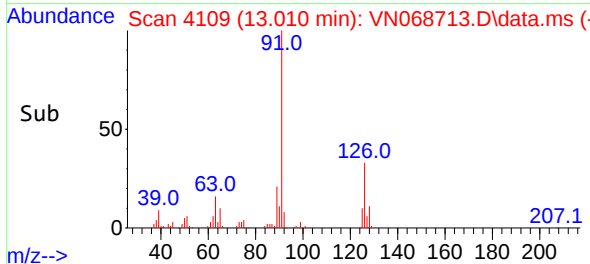
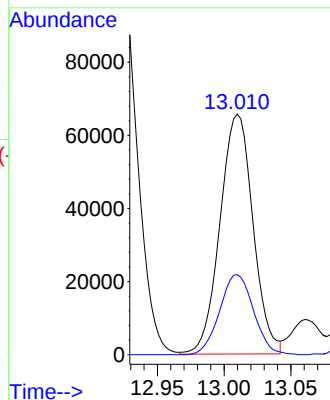
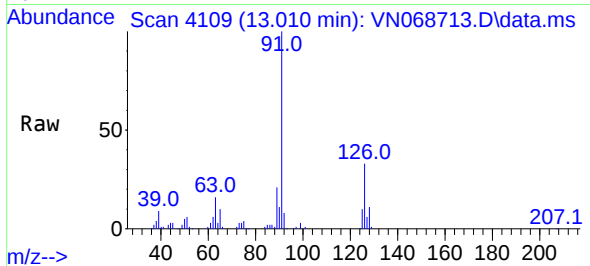
Tgt Ion: 91 Resp: 113189
Ion Ratio Lower Upper
91 100
126 34.1 0.0 74.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
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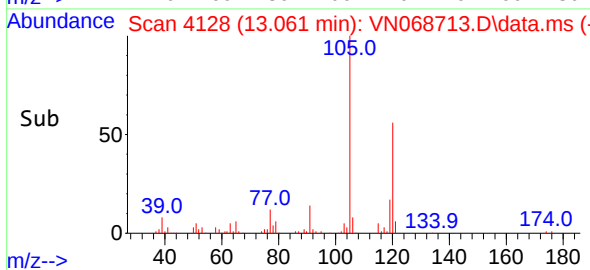
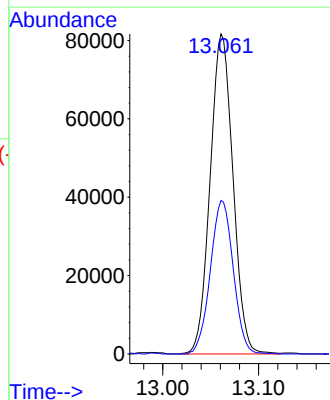
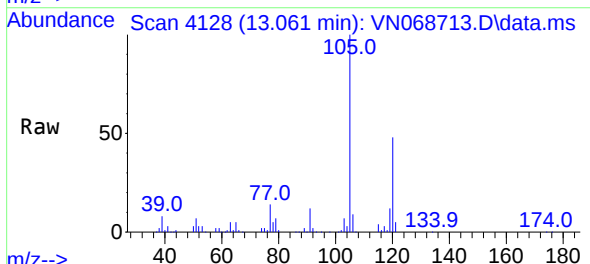
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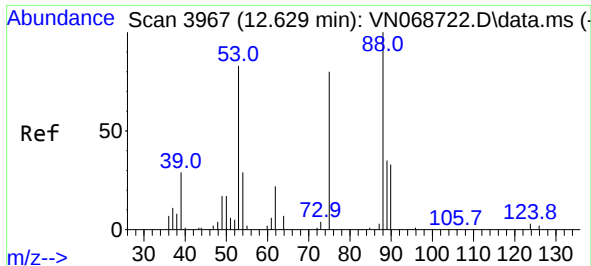
9/30/2021 12:17:07 PM



#76
1,3,5-Trimethylbenzene
Concen: 4.583 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23

Tgt Ion: 105 Resp: 135085
Ion Ratio Lower Upper
105 100
120 48.1 0.0 101.6





#77
t-1,4-Dichloro-2-butene
Concen: 3.284 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23

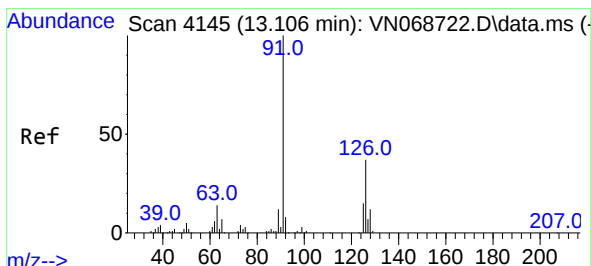
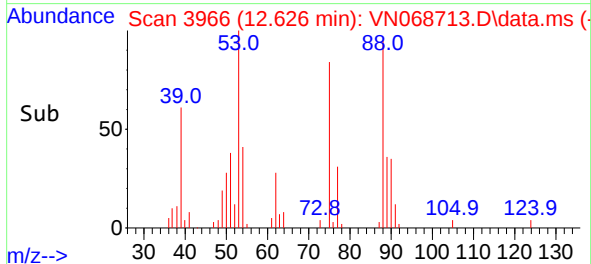
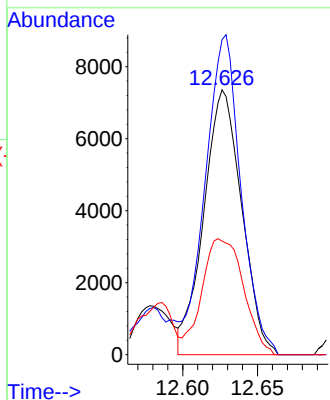
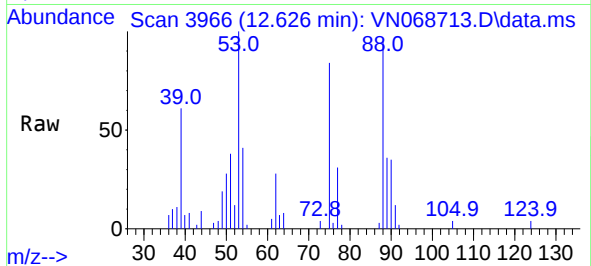
Tgt Ion:	75	Resp:	12972
Ion	Ratio	Lower	Upper
75	100		
53	119.0	44.9	134.5
89	42.9	21.3	64.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

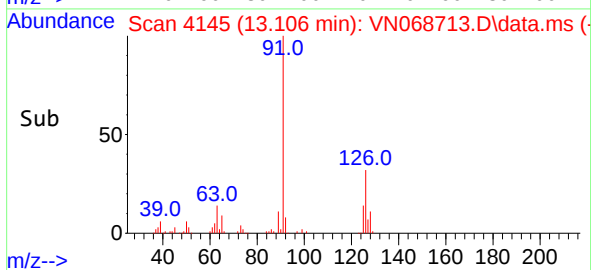
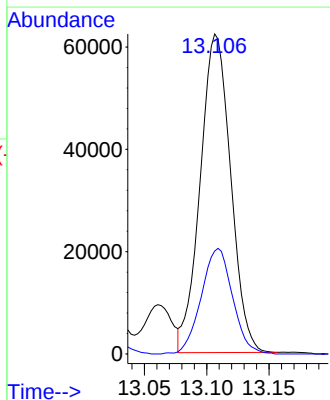
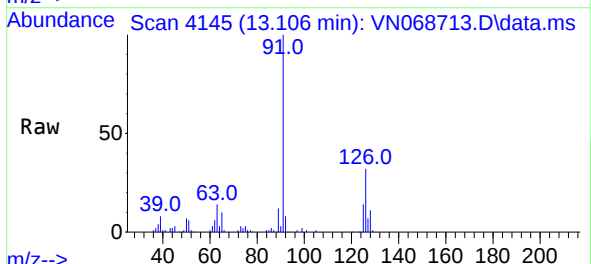
MMDadoda

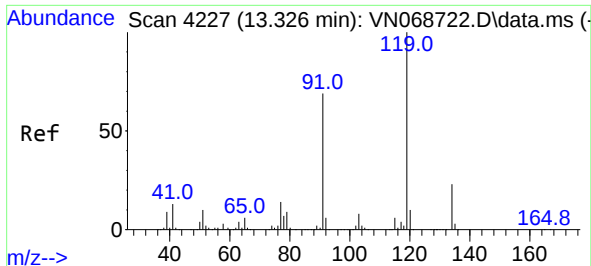
9/30/2021 12:17:07 PM



#78
4-Chlorotoluene
Concen: 4.309 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23

Tgt Ion:	91	Resp:	105659
Ion	Ratio	Lower	Upper
91	100		
126	34.0	0.0	71.4





#79
tert-butylbenzene
Concen: 4.798 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. 0.000 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23

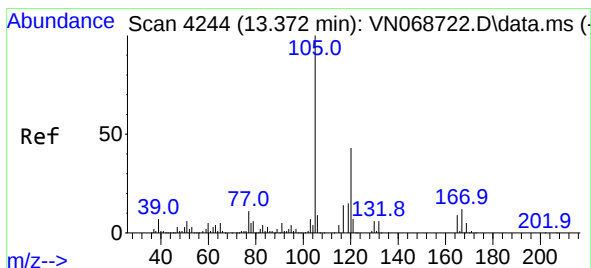
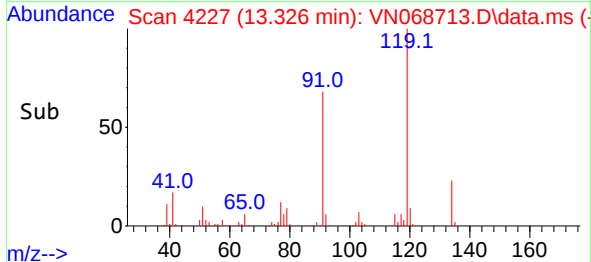
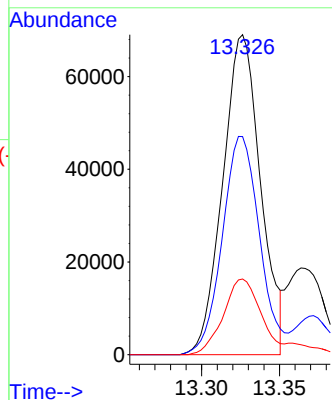
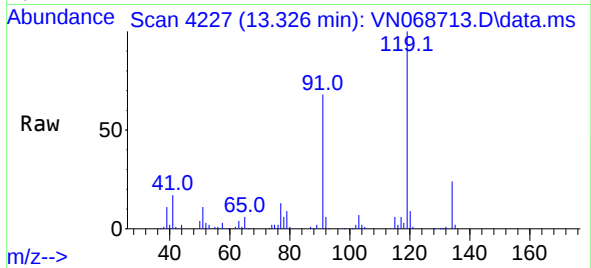
Tgt Ion:119 Resp: 116815
Ion Ratio Lower Upper
119 100
91 67.7 0.0 126.0
134 23.5 0.0 51.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

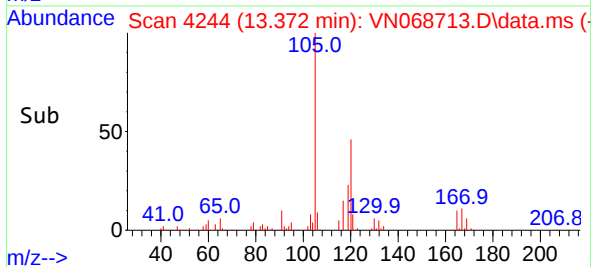
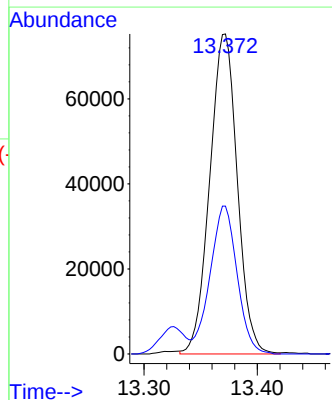
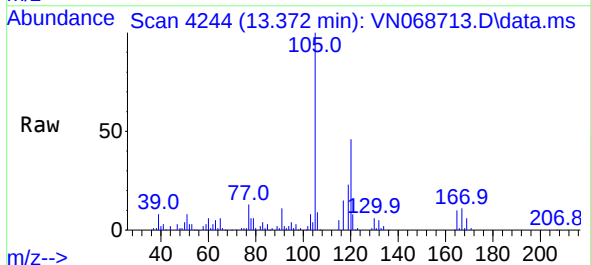
MMDadoda

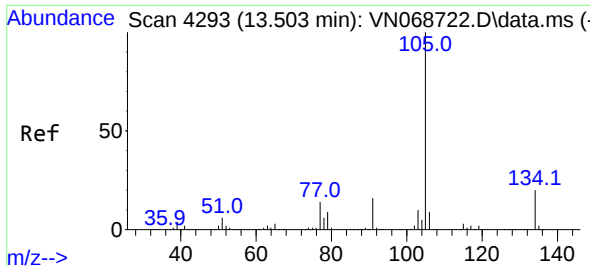
9/30/2021 12:17:07 PM



#80
1,2,4-Trimethylbenzene
Concen: 4.310 ug/l
RT: 13.372 min Scan# 4244
Delta R.T. 0.003 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23

Tgt Ion:105 Resp: 127175
Ion Ratio Lower Upper
105 100
120 45.6 0.0 93.6





#81
 sec-Butylbenzene
 Concen: 4.764 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN068713.D
 Acq: 28 Sep 2021 10:23

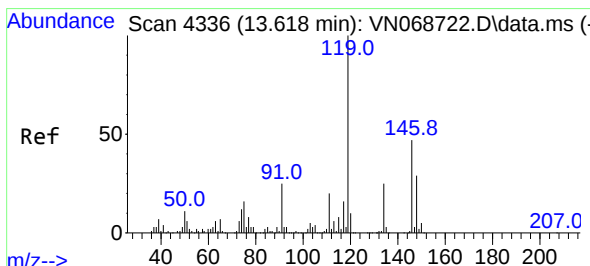
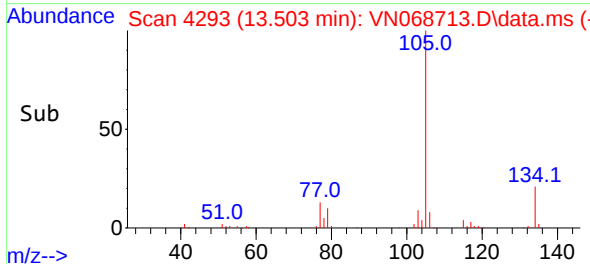
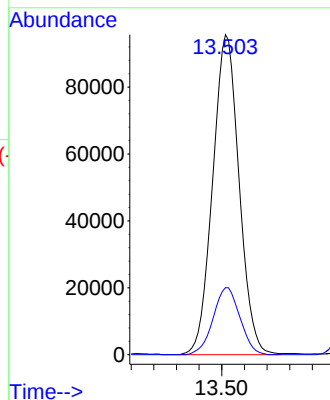
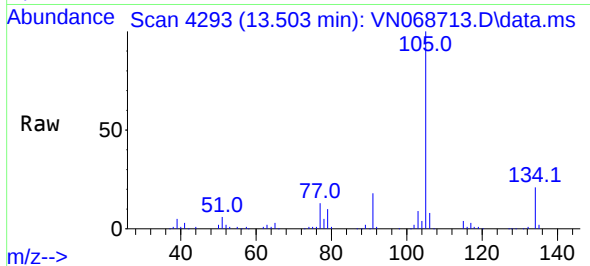
Tgt Ion:105 Resp: 154865
 Ion Ratio Lower Upper
 105 100
 134 21.3 0.0 42.2

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

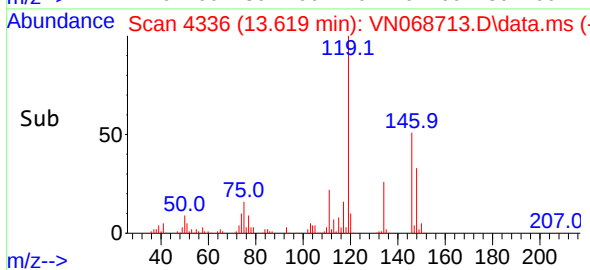
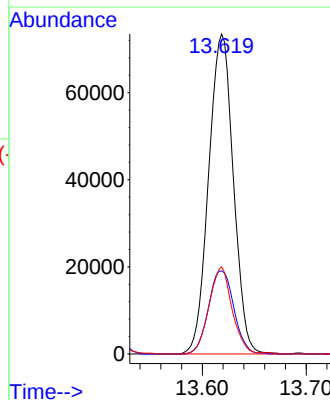
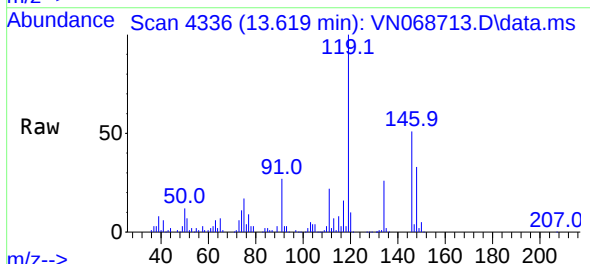
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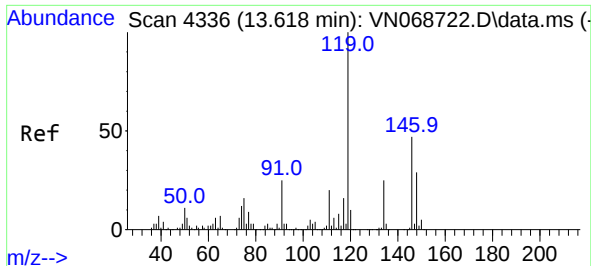
9/30/2021 12:17:07 PM



#82
 p-Isopropyltoluene
 Concen: 4.196 ug/l
 RT: 13.619 min Scan# 4336
 Delta R.T. 0.000 min
 Lab File: VN068713.D
 Acq: 28 Sep 2021 10:23

Tgt Ion:119 Resp: 121497
 Ion Ratio Lower Upper
 119 100
 134 26.7 0.0 54.8
 91 25.6 0.0 44.8





#83
1,3-Dichlorobenzene
Concen: 4.748 ug/l
RT: 13.619 min Scan# 4336
Delta R.T. 0.000 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23

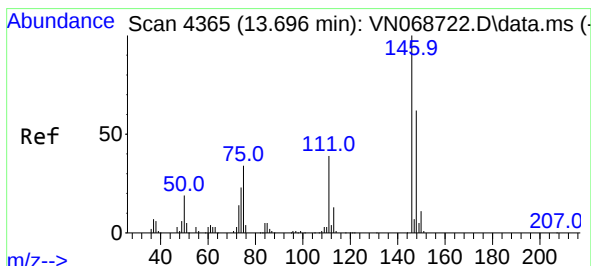
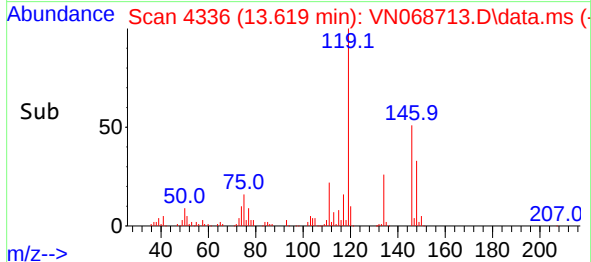
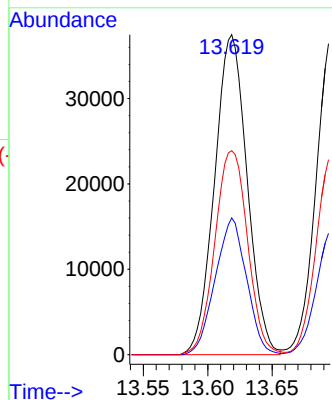
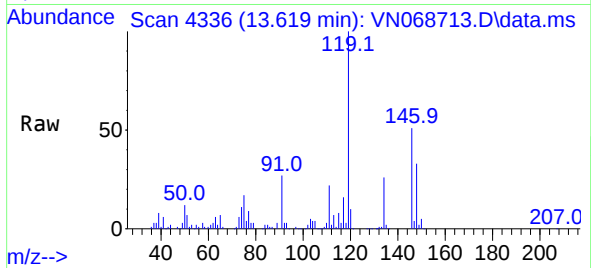
Tgt Ion:146 Resp: 65875
Ion Ratio Lower Upper
146 100
111 41.1 18.6 55.8
148 64.2 32.0 96.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
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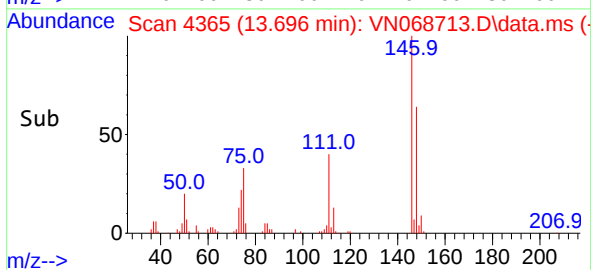
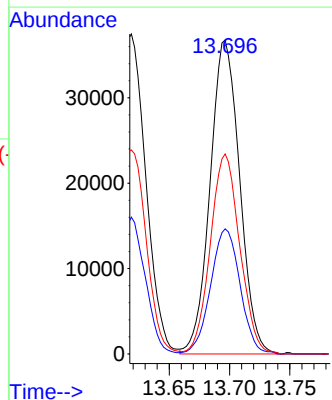
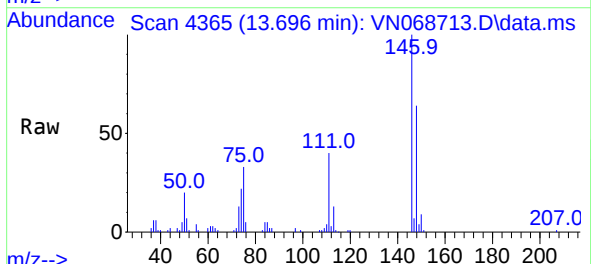
MMDadoda

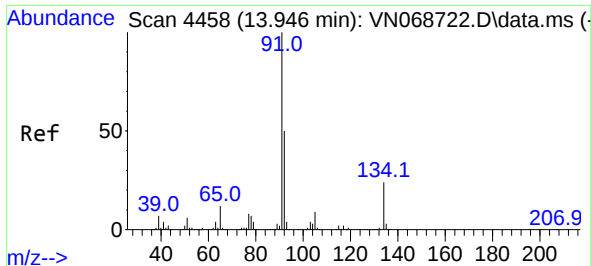
9/30/2021 12:17:07 PM



#84
1,4-Dichlorobenzene
Concen: 4.613 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23

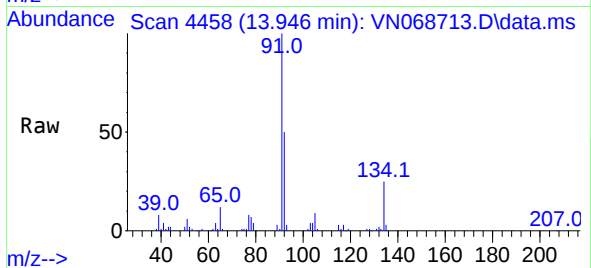
Tgt Ion:146 Resp: 62782
Ion Ratio Lower Upper
146 100
111 39.8 17.9 53.7
148 63.4 31.8 95.4





#85
n-Butylbenzene
Concen: 3.832 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. 0.003 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

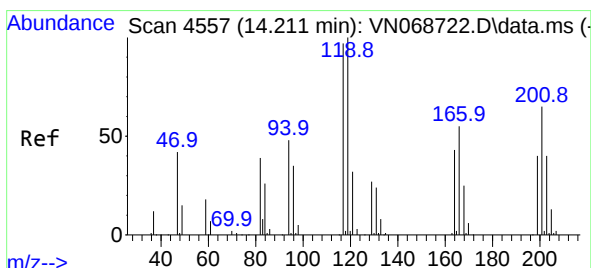
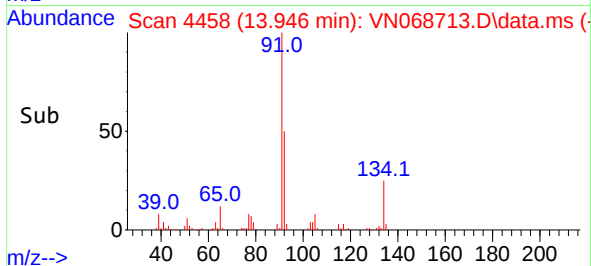
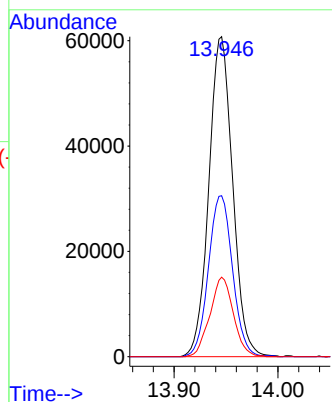


Tgt Ion: 91 Resp: 96795
Ion Ratio Lower Upper
91 100
92 51.1 0.0 104.8
134 24.5 0.0 55.8

Manual Integrations
APPROVED

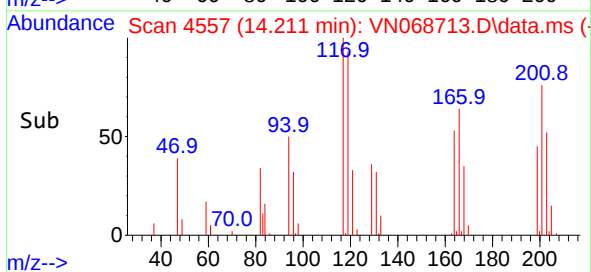
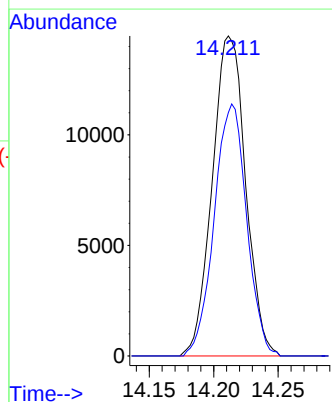
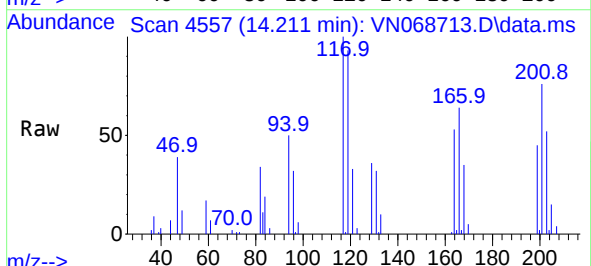
MMDadoda

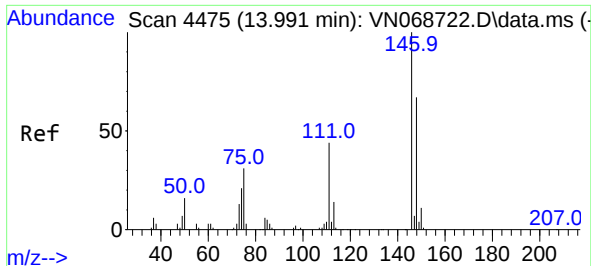
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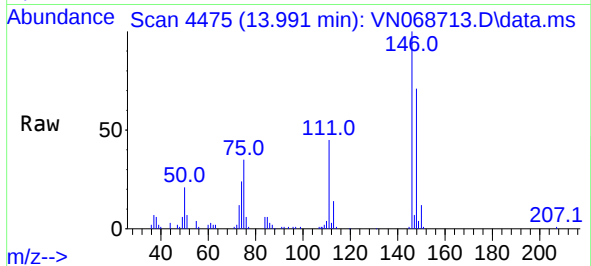
#86
Hexachloroethane
Concen: 5.195 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23

Tgt Ion: 117 Resp: 26111
Ion Ratio Lower Upper
117 100
201 76.3 48.4 145.3

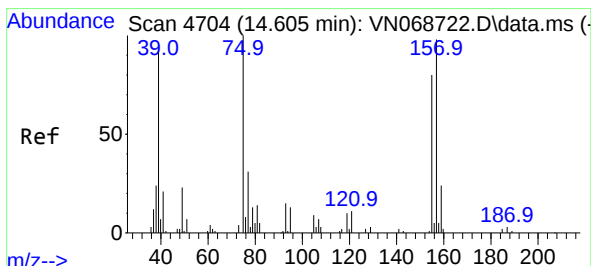
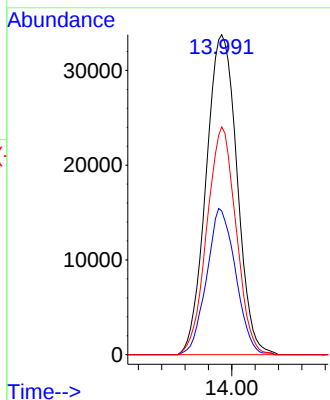
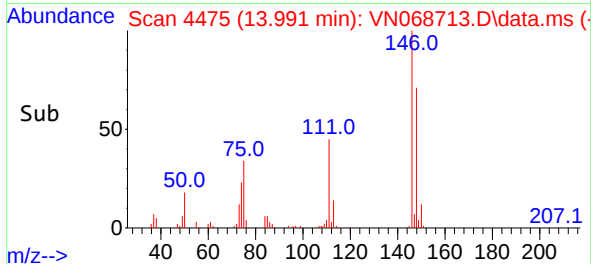




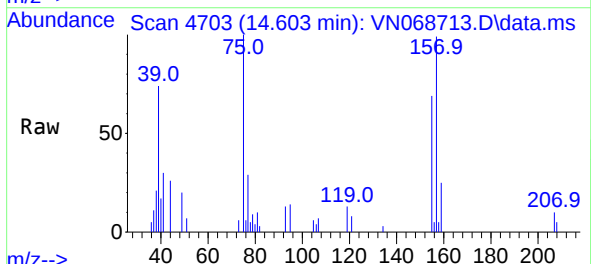
#87
1,2-Dichlorobenzene
Concen: 4.475 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. 0.003 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23



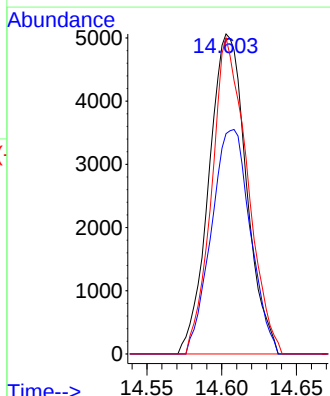
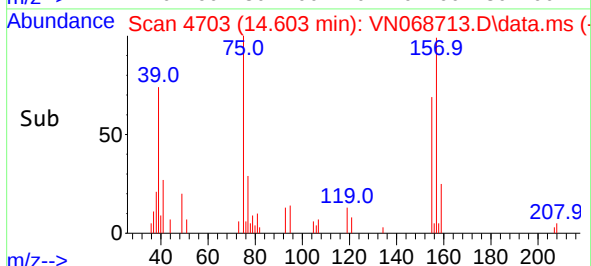
Tgt Ion: 146 Resp: 62061
Ion Ratio Lower Upper
146 100
111 42.7 18.9 56.9
148 67.3 32.3 96.8



#88
1,2-Dibromo-3-Chloropropane
Concen: 4.420 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. -0.002 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23



Tgt Ion: 75 Resp: 8797
Ion Ratio Lower Upper
75 100
155 73.0 76.9 115.3#
157 94.2 105.8 158.8#

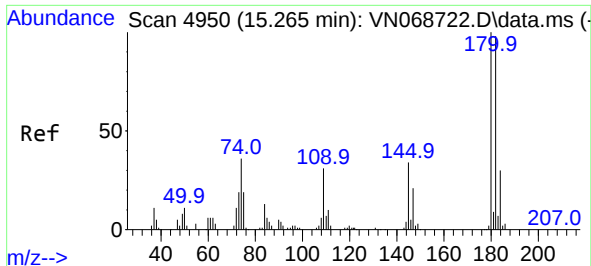


Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

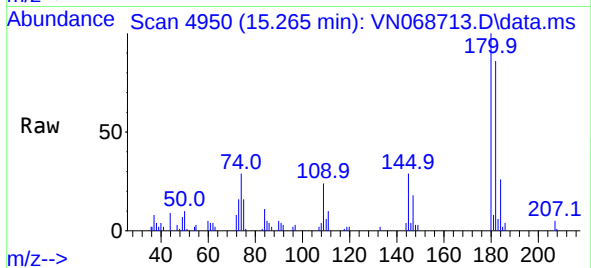
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9/30/2021 12:17:07 PM



#89
1,2,4-Trichlorobenzene
Concen: 3.856 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

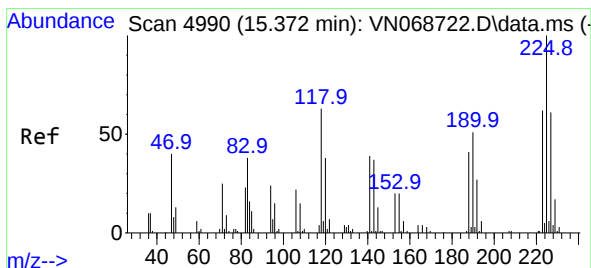
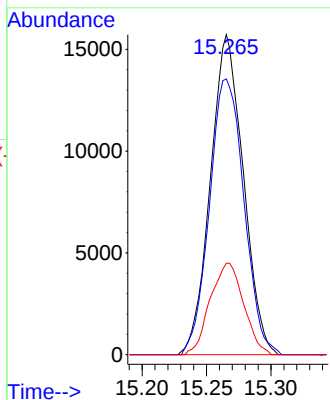
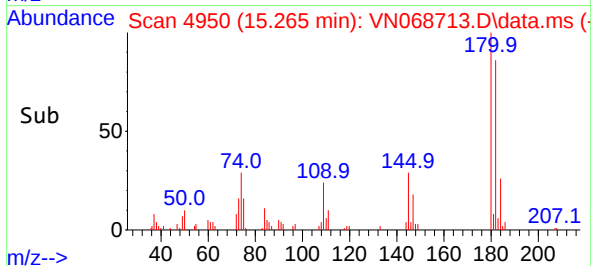


Tgt Ion:180 Resp: 27887
Ion Ratio Lower Upper
180 100
182 90.5 78.5 117.7
145 29.1 23.8 35.6

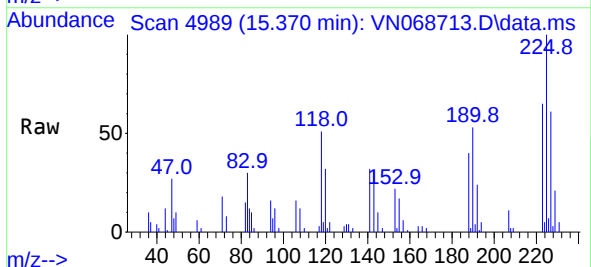
Manual Integrations
APPROVED

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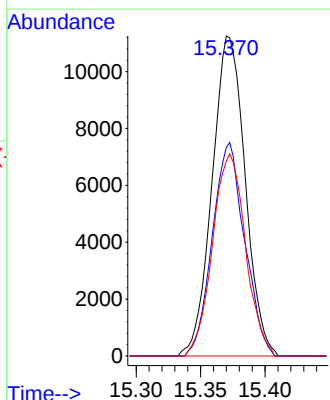
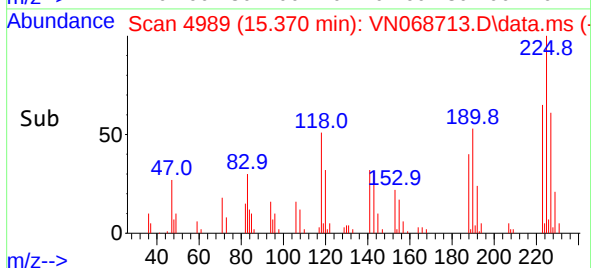
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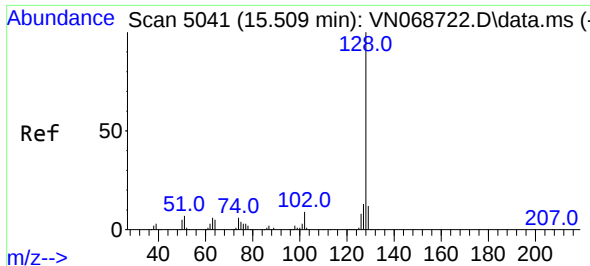


#90
Hexachlorobutadiene
Concen: 6.108 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. -0.002 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23



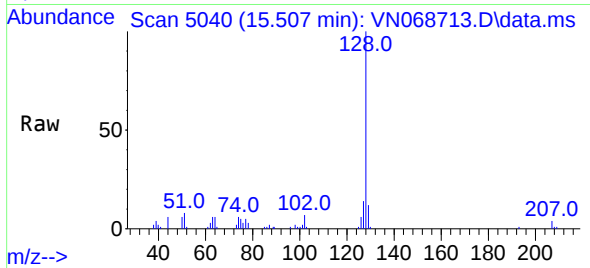
Tgt Ion:225 Resp: 20030
Ion Ratio Lower Upper
225 100
223 65.3 0.0 122.0
227 63.0 0.0 126.4





#91
Naphthalene
Concen: 2.027 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.002 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

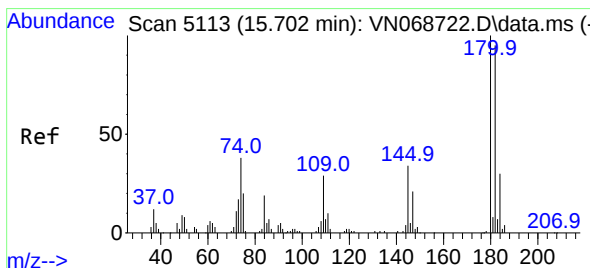
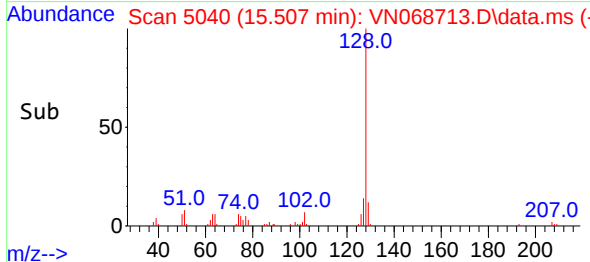
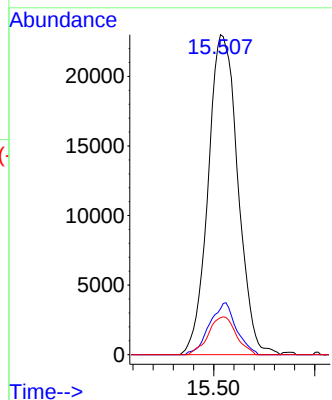


Tgt Ion:	128	Resp:	46914
Ion Ratio	Lower	Upper	
128	100		
127	14.7	10.1	15.1
129	11.1	8.6	12.8

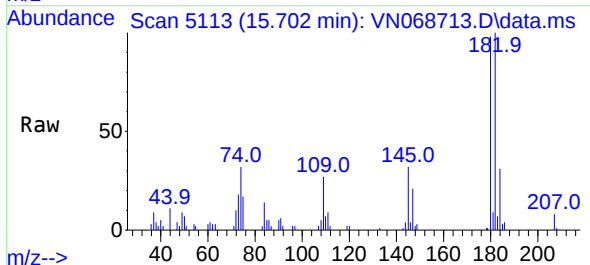
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9/30/2021 12:17:07 PM



#92
1,2,3-Trichlorobenzene
Concen: 3.400 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.000 min
Lab File: VN068713.D
Acq: 28 Sep 2021 10:23



Tgt Ion:	180	Resp:	24665
Ion Ratio	Lower	Upper	
180	100		
182	94.8	0.0	190.4
145	34.2	0.0	57.8

