

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092821\
 Data File : VN068724.D
 Acq On : 28 Sep 2021 16:37
 Operator : JC/MD
 Sample : VSTDIC100
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

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 9/30/2021 12:17:32 PM

Quant Time: Sep 29 01:53:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N092821W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 29 01:51:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.659	128	103309	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	563273	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.746	117	565960	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	232149	24.582	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	81.933%#
60) 4-Bromofluorobenzene	12.733	95	289832	28.946	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	96.500%
63) Toluene-d8	10.443	98	753686	28.591	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	95.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.070	85	391698	67.583	ug/l	100
3) Chloromethane	2.301	50	509468	69.081	ug/l	97
4) Vinyl Chloride	2.443	62	1004840	100.558	ug/l	99
5) Bromomethane	2.832	94	848302	112.891	ug/l	100
6) Chloroethane	3.006	64	810620	107.532	ug/l	98
7) Trichlorofluoromethane	3.371	101	838577	76.498	ug/l	98
8) Diethyl Ether	3.824	74	298648	77.170	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.210	101	498063m	81.893	ug/l	
10) 1,1-Dichloroethene	4.183	96	459866	81.594	ug/l	98
11) Methyl Iodide	4.425	142	629577	87.839	ug/l	97
12) Methyl Acetate	4.851	43	822492	71.040	ug/l	99
13) Acrolein	4.041	56	144798	366.420	ug/l	96
14) Acrylonitrile	5.551	53	1359866	389.453	ug/l	99
15) Acetone	4.283	58	362877	375.059	ug/l	95
16) Carbon Disulfide	4.535	76	1283690	81.175	ug/l	98
17) Allyl chloride	4.843	41	784952	72.560	ug/l	99
18) Methylene Chloride	5.101	84	578563m	83.361	ug/l	
19) trans-1,2-Dichloroethene	5.597	96	575236	91.423	ug/l	97
20) Diisopropyl ether	6.495	45	1870126	79.651	ug/l	99
21) 1,1-Dichloroethane	6.388	63	1043398	83.002	ug/l	99
22) cis-1,2-Dichloroethene	7.327	96	712358	93.906	ug/l	98
23) tert-Butyl Alcohol	5.366	59	514788	434.171	ug/l #	100
24) Methyl tert-Butyl Ether	5.615	73	1969721	90.236	ug/l	98
25) Chloroform	7.817	83	1232369	87.260	ug/l	98
26) Cyclohexane	8.096	56	940056	80.951	ug/l #	99
29) 1,1-Dichloropropene	8.222	75	887085	82.862	ug/l	99
30) 2-Butanone	7.332	43	2029234	411.497	ug/l	100
31) 2,2-Dichloropropane	7.327	77	1050518	97.001	ug/l	99
32) 1,1,1-Trichloroethane	8.016	97	1146203	92.582	ug/l	99
33) Carbon Tetrachloride	8.206	117	1041630	89.968	ug/l	98
34) Benzene	8.461	78	2627519	90.674	ug/l	98
35) Methacrylonitrile	7.635	41	395893	78.563	ug/l	97
36) 1,2-Dichloroethane	8.531	62	982161	87.617	ug/l	100
37) Trichloroethene	9.217	130	692942	95.266	ug/l	93
38) Methylcyclohexane	9.461	83	1123188	84.392	ug/l	99
39) 1,2-Dichloropropane	9.491	63	651873	78.552	ug/l	98
40) Dibromomethane	9.577	93	514968	91.061	ug/l	98
41) Bromodichloromethane	9.764	83	1025858	90.424	ug/l	96
42) Vinyl Acetate	6.433	43	7713959	432.788	ug/l	99

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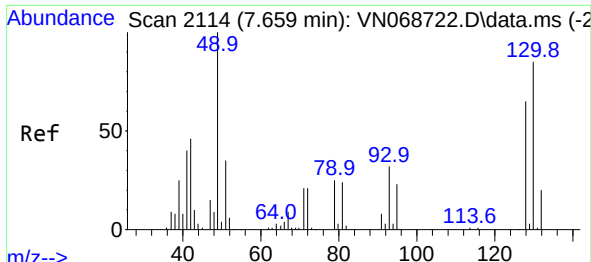
Manual Integrations
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Quant Time: Sep 29 01:53:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N092821W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 29 01:51:17 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.412	43	811981	84.362	ug/l	98
44) Isopropyl Acetate	8.560	43	1473309	82.407	ug/l	99
45) 1,4-Dioxane	9.569	88	234943	1770.301	ug/l	99
46) Methyl methacrylate	9.561	41	691070	76.995	ug/l	97
47) n-amyl Acetate	12.387	43	1413321	83.915	ug/l	99
48) t-1,3-Dichloropropene	10.719	75	1166897	93.487	ug/l	100
49) cis-1,3-Dichloropropene	10.191	75	1169377	91.634	ug/l	97
50) 1,1,2-Trichloroethane	10.899	97	729995	93.557	ug/l	98
51) Ethyl methacrylate	10.762	69	1159208	95.848	ug/l	95
52) 1,3-Dichloropropane	11.046	76	1167421	93.298	ug/l	100
53) Dibromochloromethane	11.240	129	862717	96.759	ug/l	100
54) 1,2-Dibromoethane	11.347	107	775967	95.584	ug/l	96
55) 2-Chloroethyl vinyl ether	10.043	63	1656391	470.172	ug/l	99
56) Bromoform	12.460	173	671148	103.183	ug/l #	100
58) 4-Methyl-2-Pentanone	10.330	43	4787274	408.122	ug/l	97
59) 2-Hexanone	11.087	43	3559861	398.310	ug/l	98
61) Tetrachloroethene	10.979	164	637883	91.962	ug/l	95
62) Toluene	10.507	91	3335330	92.215	ug/l	98
64) Chlorobenzene	11.773	112	2081794	99.608	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.843	131	821725	96.430	ug/l	100
66) Ethyl Benzene	11.846	91	3923057	95.775	ug/l	97
67) m/p-Xylenes	11.956	106	3078843	193.499	ug/l	99
68) o-Xylene	12.283	106	1516567	93.356	ug/l	100
69) Styrene	12.296	104	2611098	94.939	ug/l	98
70) Isopropylbenzene	12.581	105	4091110	96.569	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.830	83	1125103	94.321	ug/l	98
72) 1,2,3-Trichloropropane	12.881	75	918981m	83.239	ug/l	
73) Bromobenzene	12.862	156	938901	101.213	ug/l	96
74) n-propylbenzene	12.921	91	4727237	98.819	ug/l	99
75) 2-Chlorotoluene	13.010	91	2731658	100.173	ug/l	100
76) 1,3,5-Trimethylbenzene	13.061	105	3390658	104.043	ug/l	98
77) t-1,4-Dichloro-2-butene	12.626	75	392020	94.985	ug/l	91
78) 4-Chlorotoluene	13.106	91	2756757	103.436	ug/l	100
79) tert-butylbenzene	13.326	119	2984436	107.359	ug/l	98
80) 1,2,4-Trimethylbenzene	13.369	105	3405363m	111.986	ug/l	
81) sec-Butylbenzene	13.503	105	4317068	115.516	ug/l	99
82) p-Isopropyltoluene	13.616	119	3664856	109.103	ug/l	98
83) 1,3-Dichlorobenzene	13.618	146	1784158	110.768	ug/l	99
84) 1,4-Dichlorobenzene	13.696	146	1699797	114.404	ug/l	99
85) n-Butylbenzene	13.943	91	3053120	113.583	ug/l	98
86) Hexachloroethane	14.211	117	671919	107.651	ug/l	99
87) 1,2-Dichlorobenzene	13.991	146	1618782	111.755	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.605	75	202669	88.326	ug/l	92
89) 1,2,4-Trichlorobenzene	15.265	180	819020	111.518	ug/l	97
90) Hexachlorobutadiene	15.370	225	372404	94.740	ug/l	99
91) Naphthalene	15.507	128	2306274	115.639	ug/l	99
92) 1,2,3-Trichlorobenzene	15.702	180	763587	109.011	ug/l	100

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



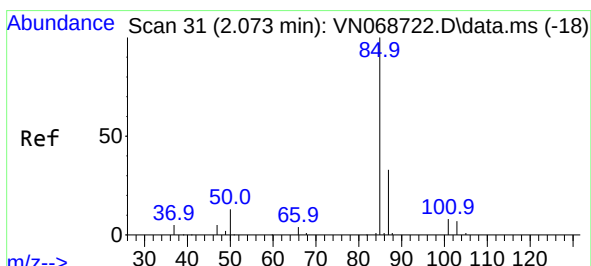
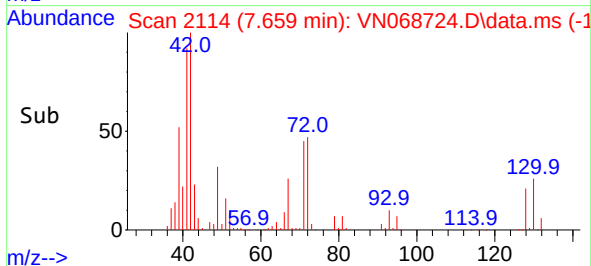
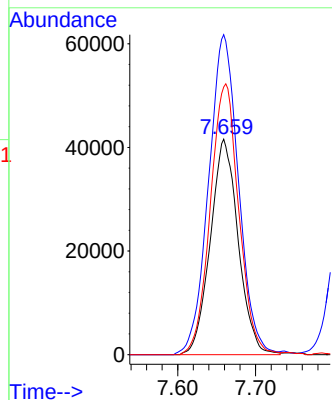
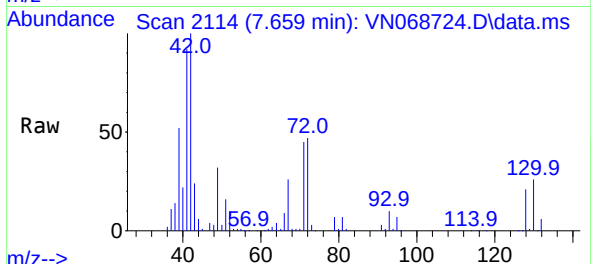
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37

Tgt Ion: 128 Resp: 103309
Ion Ratio Lower Upper
128 100
49 159.0 0.0 392.3
130 128.5 0.0 320.2

Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

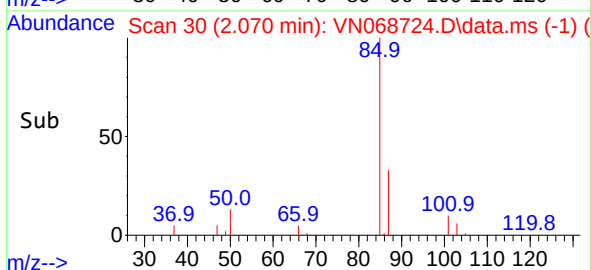
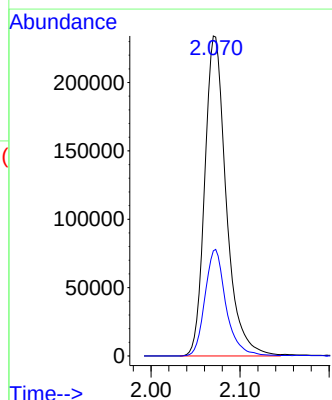
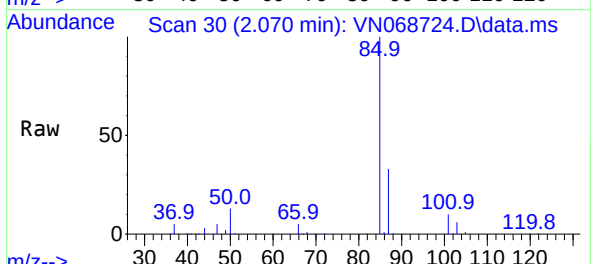
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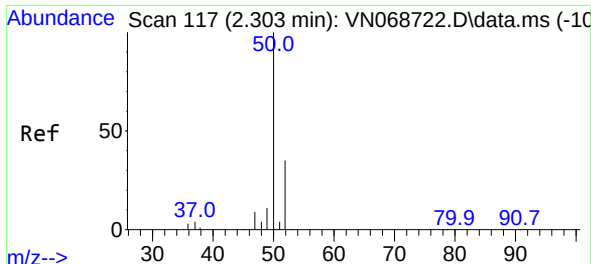
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#2
Dichlorodifluoromethane
Concen: 67.583 ug/l
RT: 2.070 min Scan# 30
Delta R.T. -0.003 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37

Tgt Ion: 85 Resp: 391698
Ion Ratio Lower Upper
85 100
87 32.8 16.6 49.7





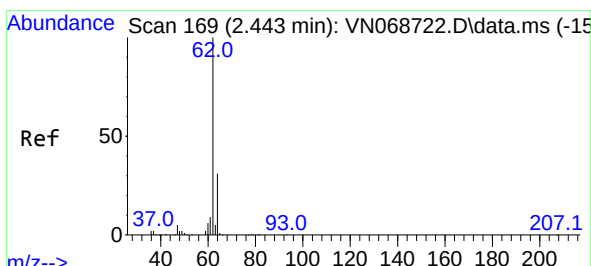
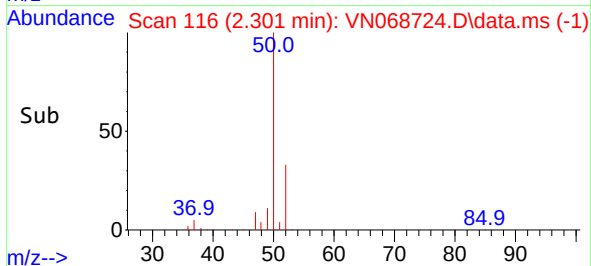
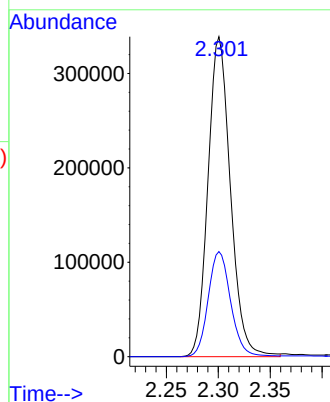
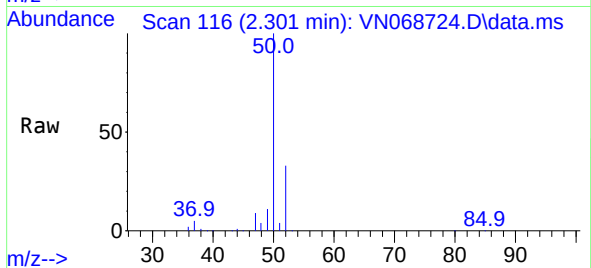
#3
Chloromethane
Concen: 69.081 ug/l
RT: 2.301 min Scan# 116
Delta R.T. -0.003 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37

Tgt Ion: 50 Resp: 509468
Ion Ratio Lower Upper
50 100
52 32.8 27.8 41.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

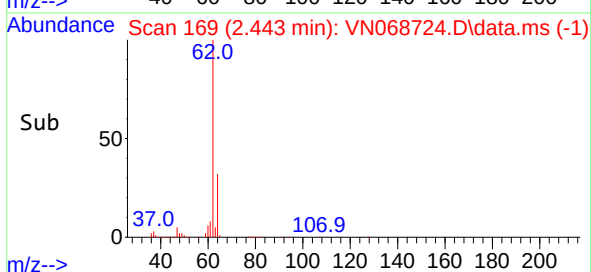
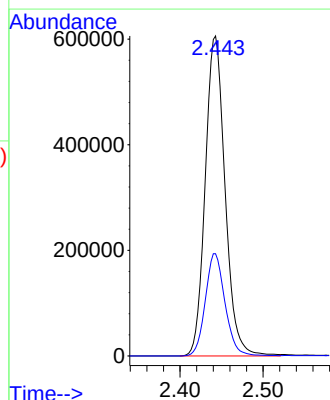
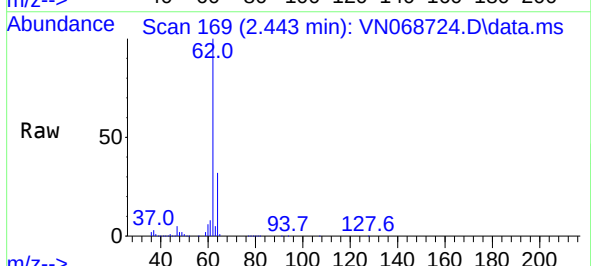
Manual Integrations
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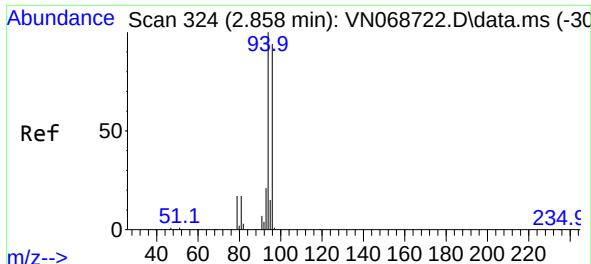
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#4
Vinyl Chloride
Concen: 100.558 ug/l
RT: 2.443 min Scan# 169
Delta R.T. 0.000 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37

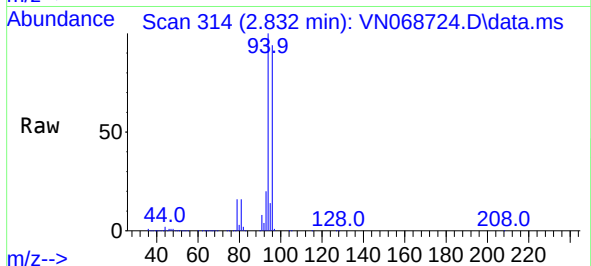
Tgt Ion: 62 Resp: 1004840
Ion Ratio Lower Upper
62 100
64 32.0 25.1 37.7





#5
Bromomethane
Concen: 112.891 ug/l
RT: 2.832 min Scan# 314
Delta R.T. -0.027 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37

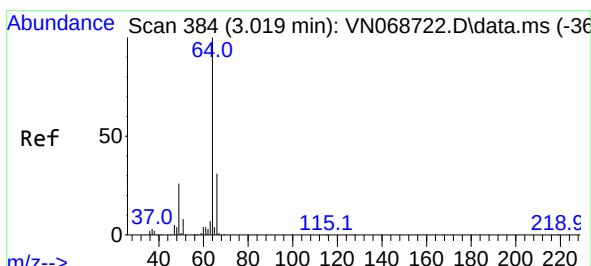
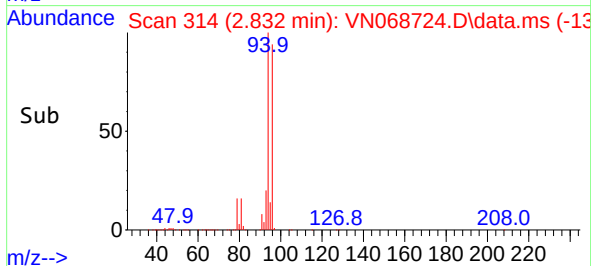
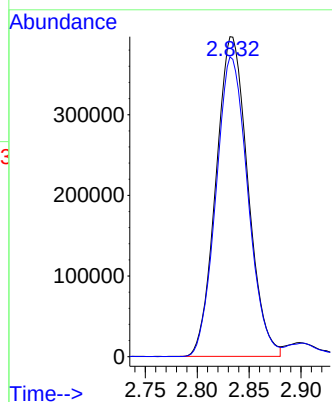
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



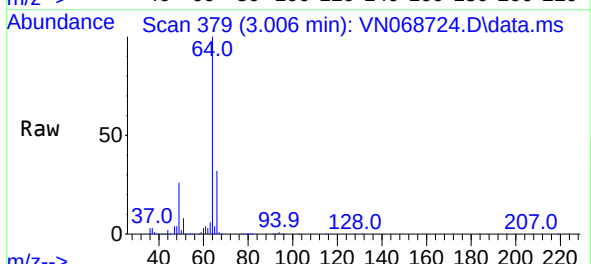
Tgt Ion: 94 Resp: 848302
Ion Ratio Lower Upper
94 100
96 93.7 75.2 112.8

Manual Integrations
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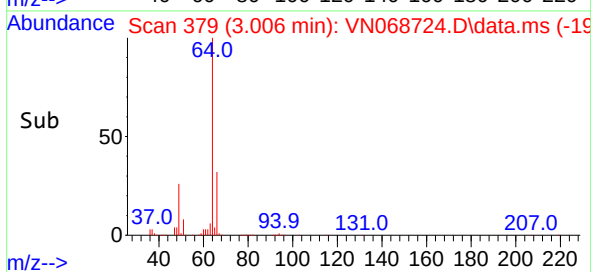
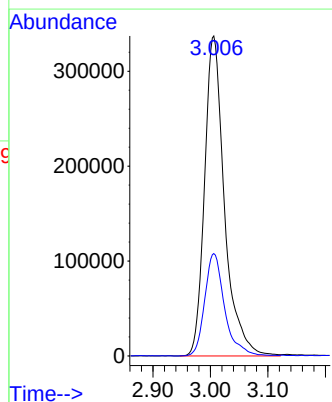
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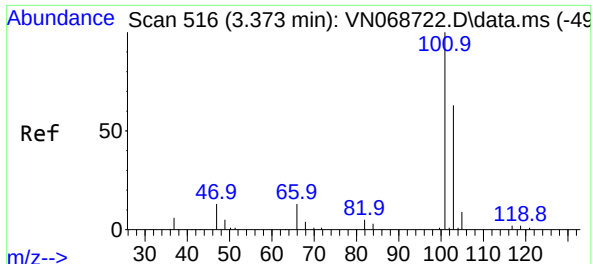


#6
Chloroethane
Concen: 107.532 ug/l
RT: 3.006 min Scan# 379
Delta R.T. -0.013 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37



Tgt Ion: 64 Resp: 810620
Ion Ratio Lower Upper
64 100
66 32.0 24.6 36.8





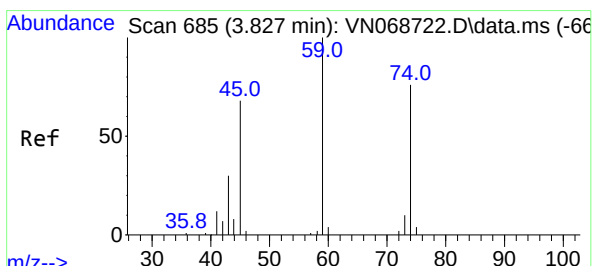
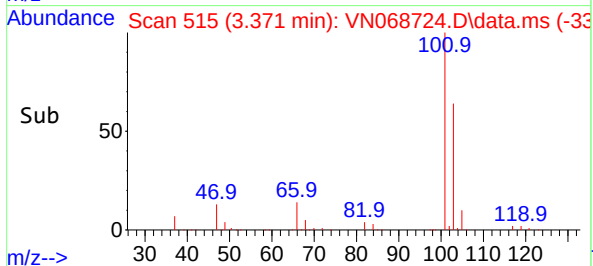
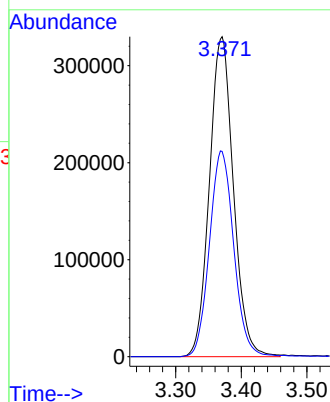
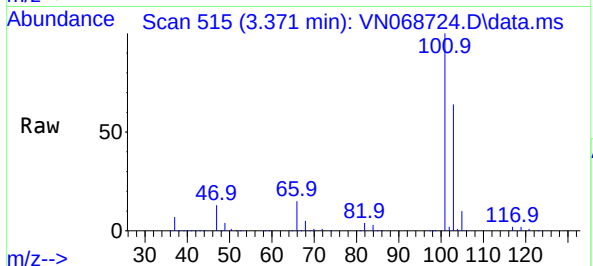
#7
Trichlorofluoromethane
Concen: 76.498 ug/l
RT: 3.371 min Scan# 515
Delta R.T. -0.003 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:101 Resp: 838577
Ion Ratio Lower Upper
101 100
103 64.1 50.1 75.1

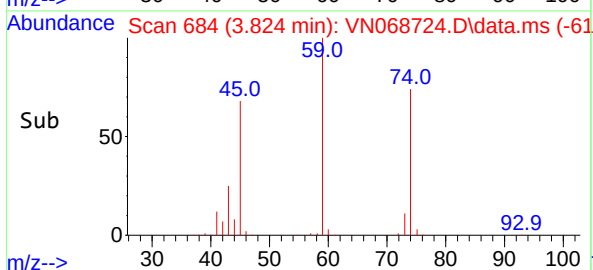
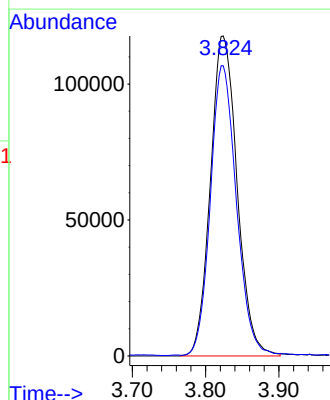
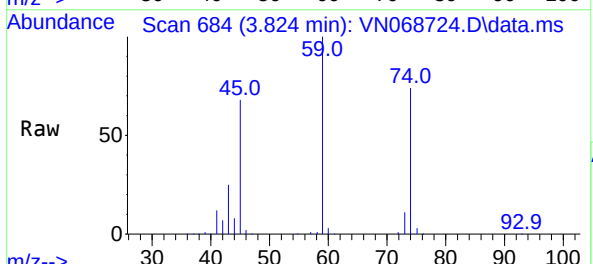
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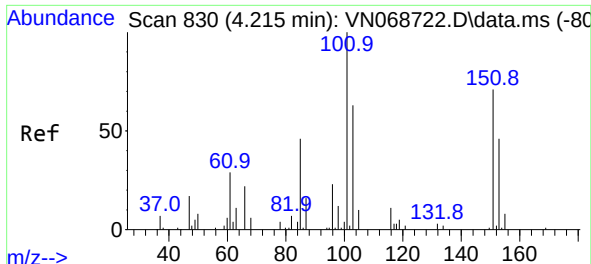
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#8
Diethyl Ether
Concen: 77.170 ug/l
RT: 3.824 min Scan# 684
Delta R.T. -0.003 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37

Tgt Ion: 74 Resp: 298648
Ion Ratio Lower Upper
74 100
45 87.7 17.6 158.8





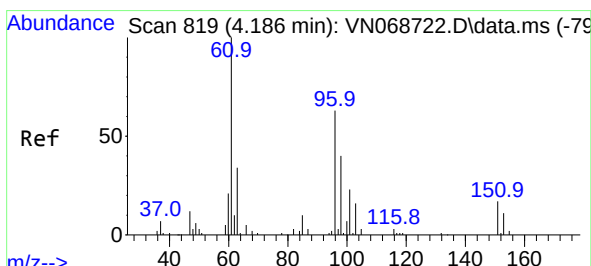
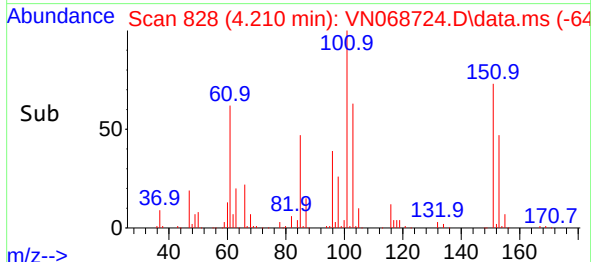
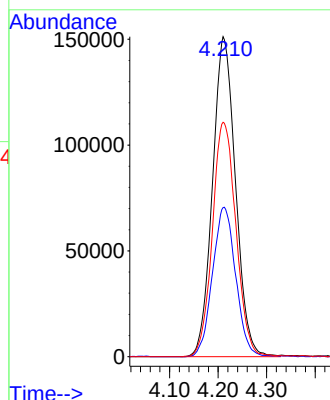
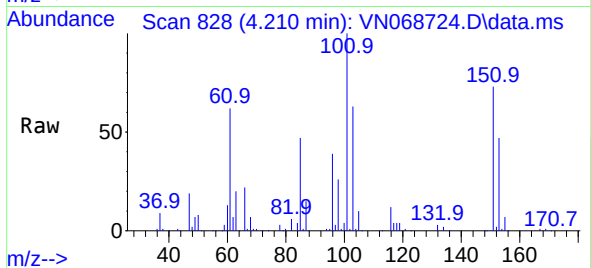
#9
1,1,2-Trichlorotrifluoroethane
Concen: 81.893 ug/l m
RT: 4.210 min Scan# 828
Delta R.T. -0.005 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37

Tgt Ion: 101 Resp: 498063
Ion Ratio Lower Upper
101 100
85 0.0 0.0 94.0
151 0.0 0.0 74.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

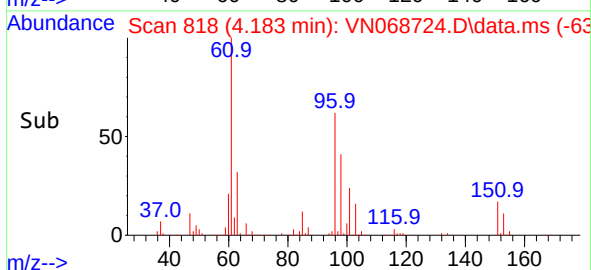
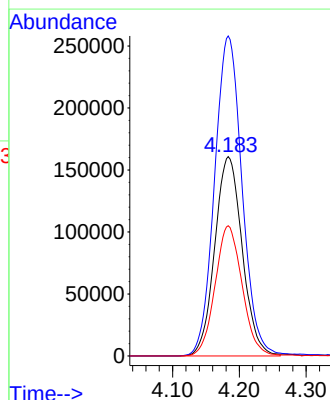
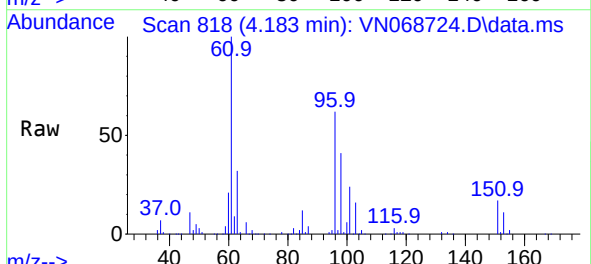
Manual Integrations
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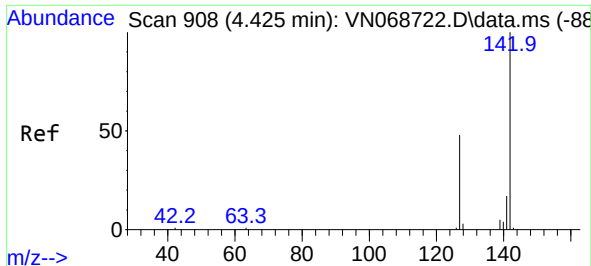
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#10
1,1-Dichloroethene
Concen: 81.594 ug/l
RT: 4.183 min Scan# 818
Delta R.T. -0.003 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37

Tgt Ion: 96 Resp: 459866
Ion Ratio Lower Upper
96 100
61 160.4 126.2 189.4
98 65.4 50.9 76.3





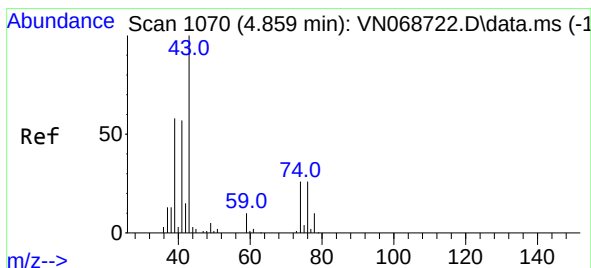
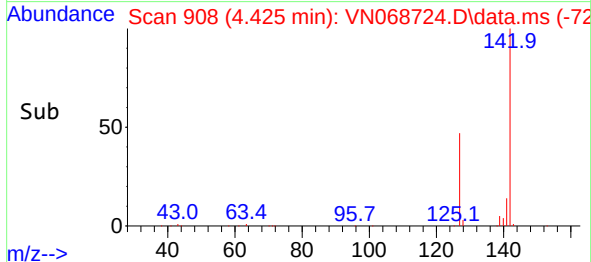
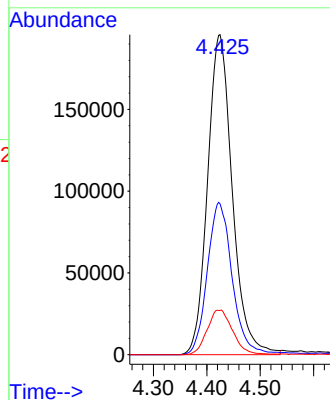
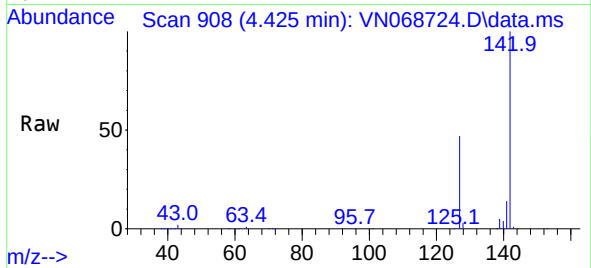
#11
Methyl Iodide
Concen: 87.839 ug/l
RT: 4.425 min Scan# 908
Delta R.T. 0.000 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37

Tgt Ion:142 Resp: 629577
Ion Ratio Lower Upper
142 100
127 47.1 24.0 72.0
141 13.8 8.4 25.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

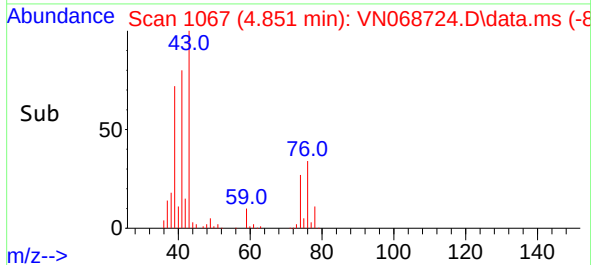
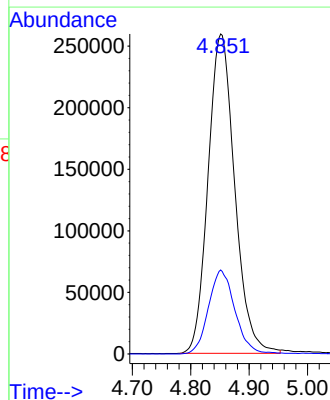
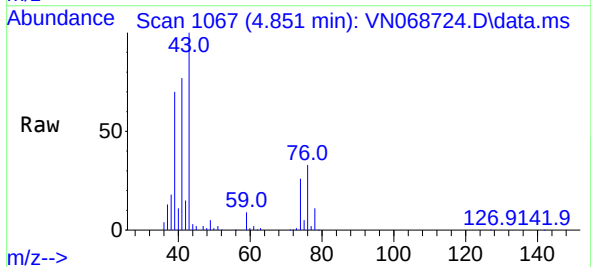
Manual Integrations
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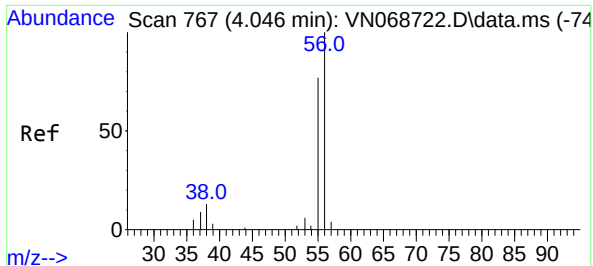
MMDadoda
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#12
Methyl Acetate
Concen: 71.040 ug/l
RT: 4.851 min Scan# 1067
Delta R.T. -0.008 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37

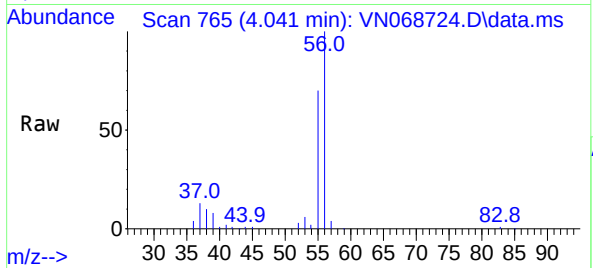
Tgt Ion: 43 Resp: 822492
Ion Ratio Lower Upper
43 100
74 26.3 20.8 31.2





#13
Acrolein
Concen: 366.420 ug/l
RT: 4.041 min Scan# 765
Delta R.T. -0.005 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37

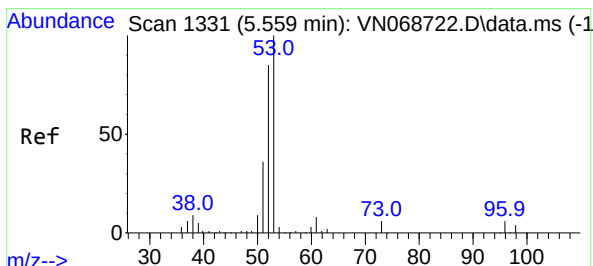
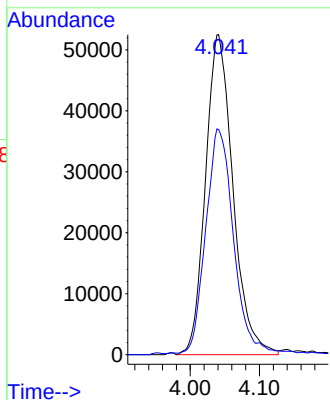
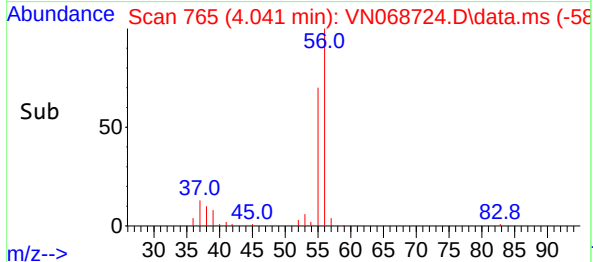
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



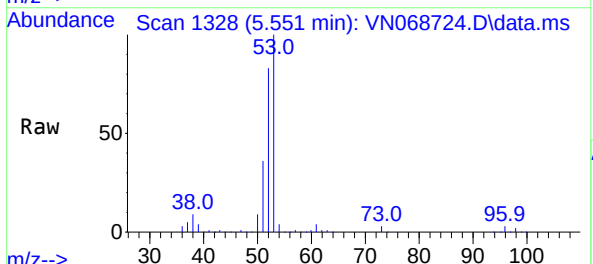
Tgt Ion: 56 Resp: 144798
Ion Ratio Lower Upper
56 100
55 68.7 57.6 86.4

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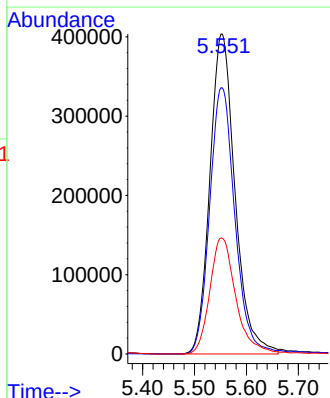
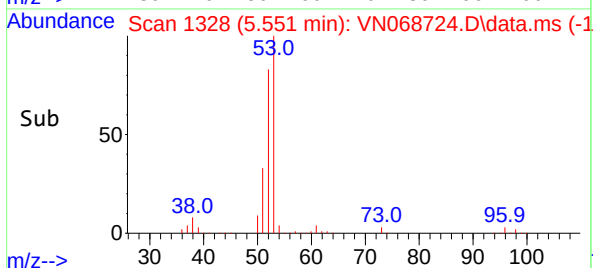
MMDadoda
9/30/2021 12:17:32 PM

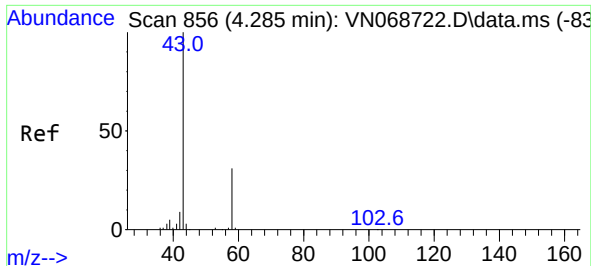


#14
Acrylonitrile
Concen: 389.453 ug/l
RT: 5.551 min Scan# 1328
Delta R.T. -0.008 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37



Tgt Ion: 53 Resp: 1359866
Ion Ratio Lower Upper
53 100
52 83.1 41.8 125.4
51 37.5 19.0 57.0





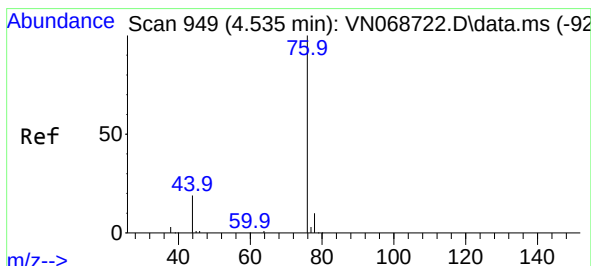
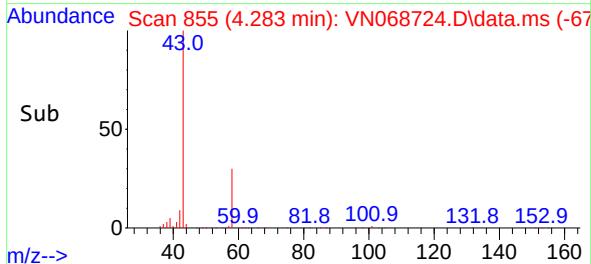
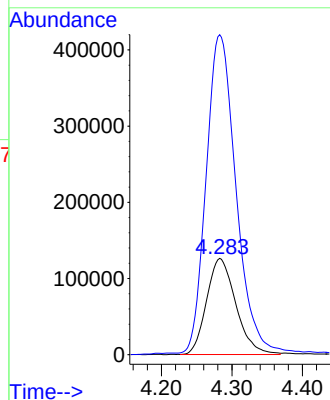
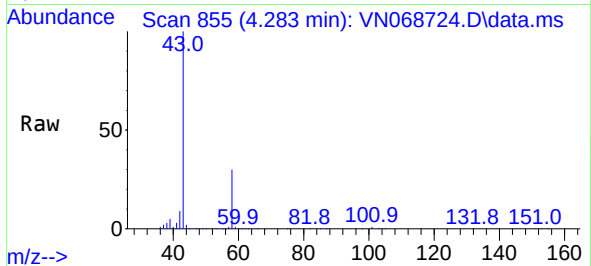
#15
Acetone
Concen: 375.059 ug/l
RT: 4.283 min Scan# 855
Delta R.T. -0.003 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37

Tgt Ion: 58 Resp: 362877
Ion Ratio Lower Upper
58 100
43 331.2 256.6 384.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

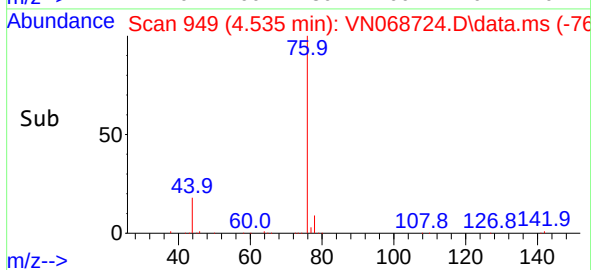
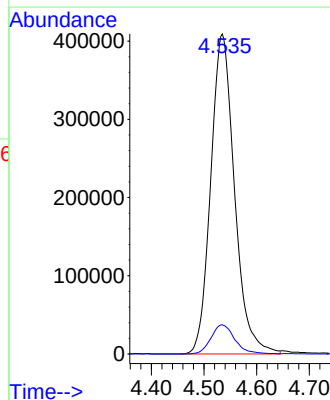
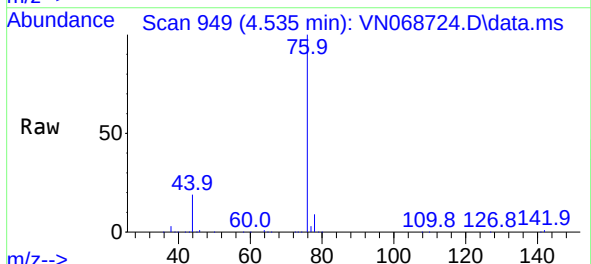
Manual Integrations
APPROVED

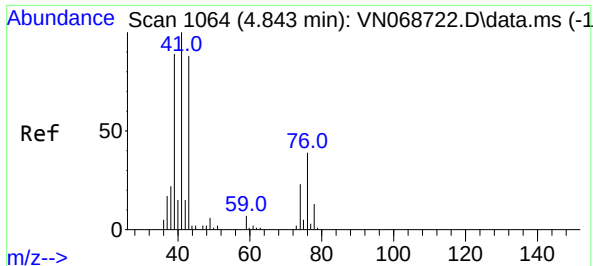
MMDadoda
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#16
Carbon Disulfide
Concen: 81.175 ug/l
RT: 4.535 min Scan# 949
Delta R.T. 0.000 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37

Tgt Ion: 76 Resp: 1283690
Ion Ratio Lower Upper
76 100
78 9.1 7.8 11.8





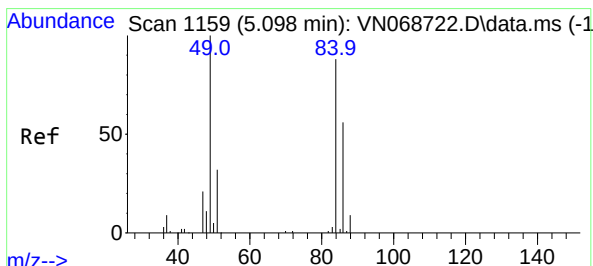
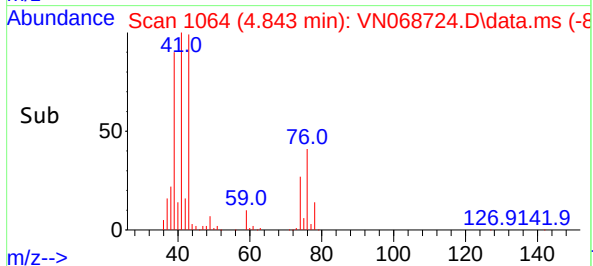
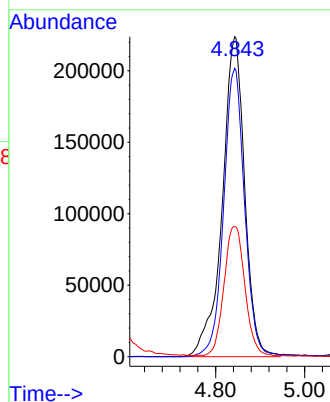
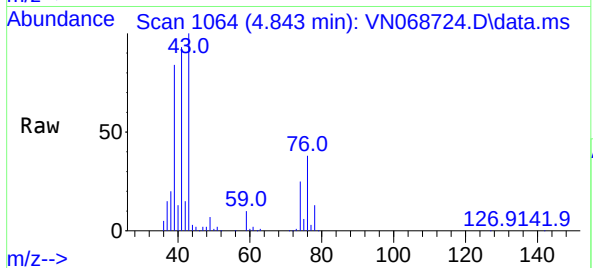
#17
Allyl chloride
Concen: 72.560 ug/l
RT: 4.843 min Scan# 1064
Delta R.T. 0.000 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37

Tgt Ion: 41 Resp: 784952
Ion Ratio Lower Upper
41 100
39 90.1 44.6 134.0
76 40.3 19.6 58.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

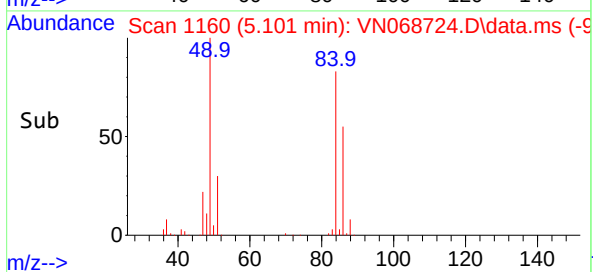
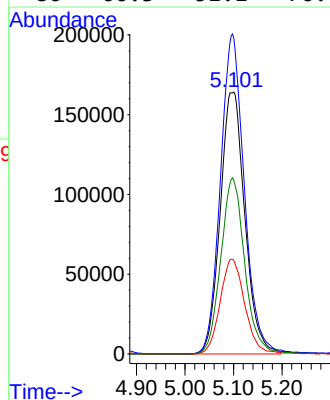
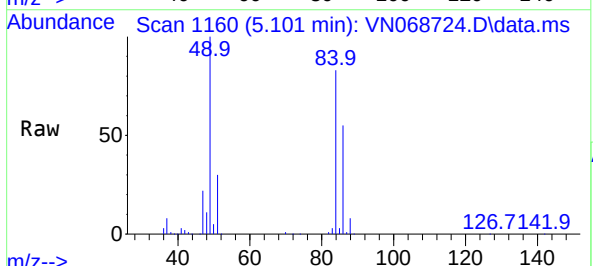
Manual Integrations
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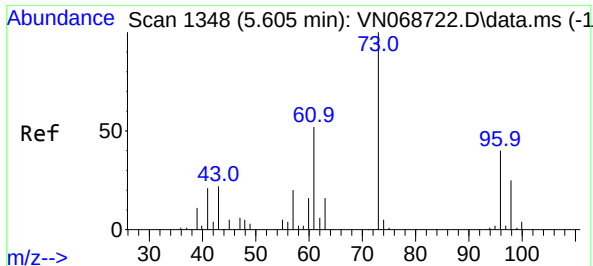
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#18
Methylene Chloride
Concen: 83.361 ug/l m
RT: 5.101 min Scan# 1160
Delta R.T. 0.003 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37

Tgt Ion: 84 Resp: 578563
Ion Ratio Lower Upper
84 100
49 120.6 91.4 137.0
51 35.7 29.4 44.0
86 66.3 51.1 76.7





#19

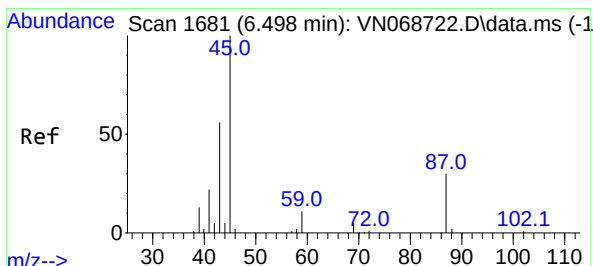
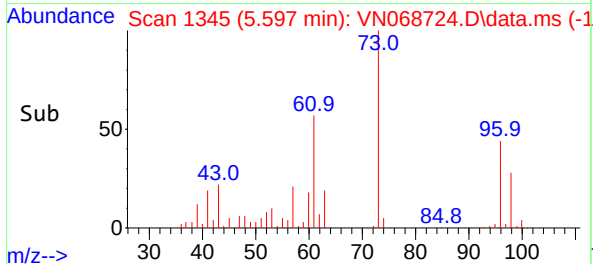
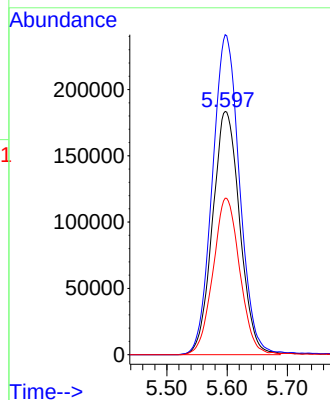
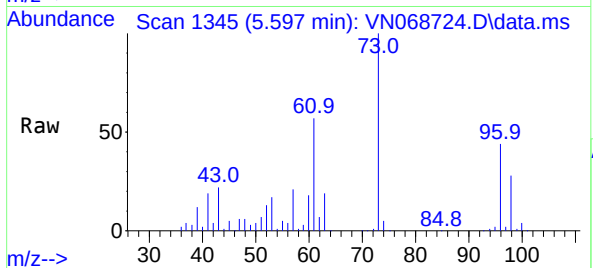
trans-1,2-Dichloroethene
Concen: 91.423 ug/l
RT: 5.597 min Scan# 1345
Delta R.T. -0.008 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37

Tgt Ion: 96 Resp: 575236
Ion Ratio Lower Upper
96 100
61 131.5 102.8 154.2
98 64.4 49.3 73.9

Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

Manual Integrations
APPROVED

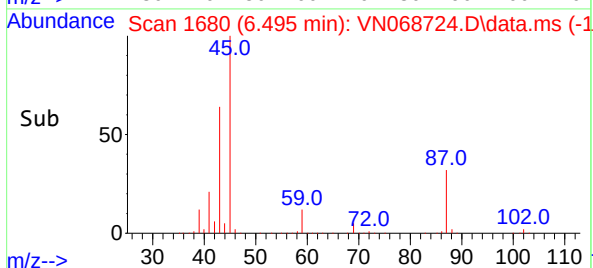
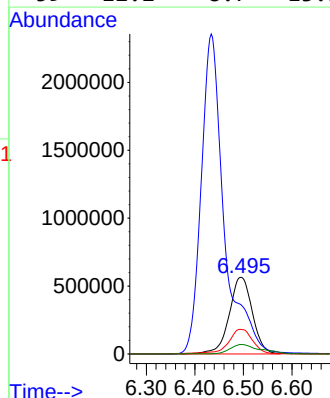
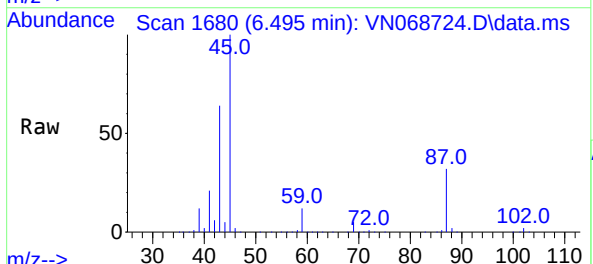
MMDadoda
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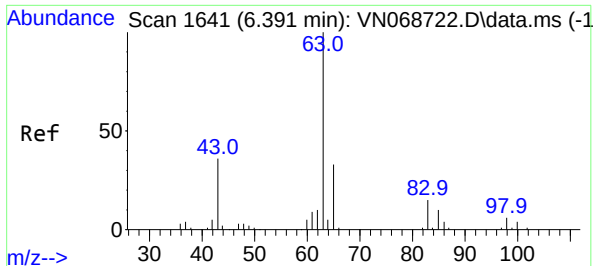


#20

Diisopropyl ether
Concen: 79.651 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. -0.003 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37

Tgt Ion: 45 Resp: 1870126
Ion Ratio Lower Upper
45 100
43 63.0 51.0 76.4
87 31.8 25.0 37.4
59 12.2 8.7 13.1





#21
1,1-Dichloroethane
Concen: 83.002 ug/l
RT: 6.388 min Scan# 1640
Delta R.T. -0.003 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37

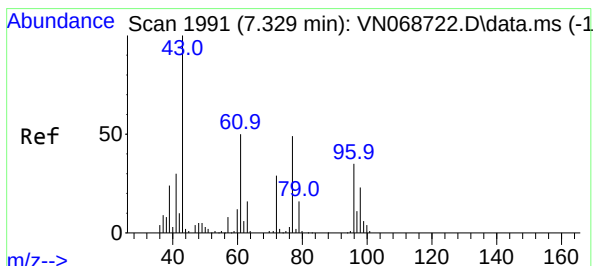
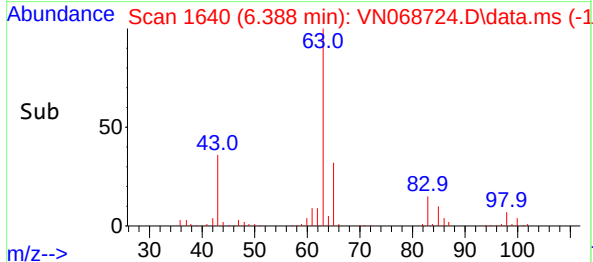
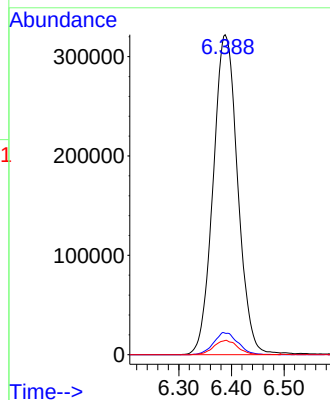
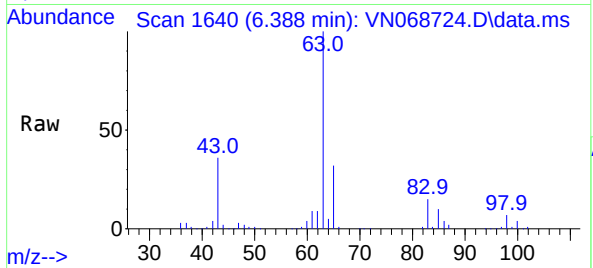
Tgt Ion: 63 Resp: 1043398

Ion	Ratio	Lower	Upper
63	100		
98	6.7	3.2	9.6
100	4.5	2.1	6.2

Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

Manual Integrations
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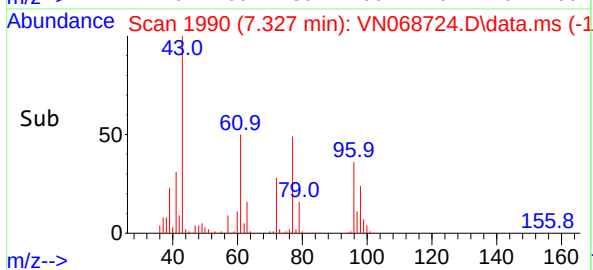
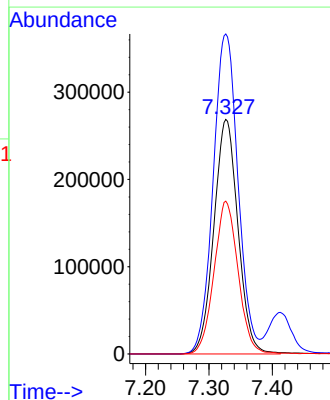
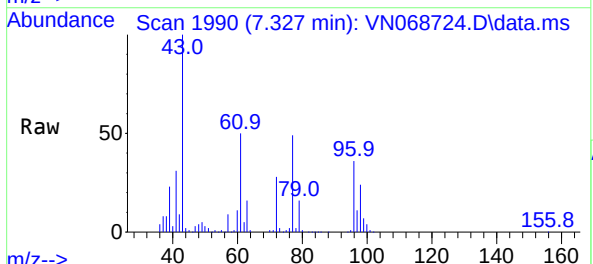
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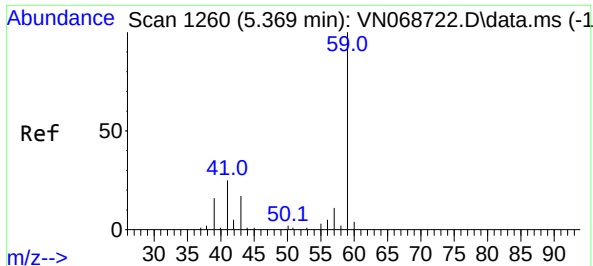


#22
cis-1,2-Dichloroethene
Concen: 93.906 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. -0.003 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37

Tgt Ion: 96 Resp: 712358

Ion	Ratio	Lower	Upper
96	100		
61	140.7	115.7	173.5
98	64.7	51.6	77.4





#23

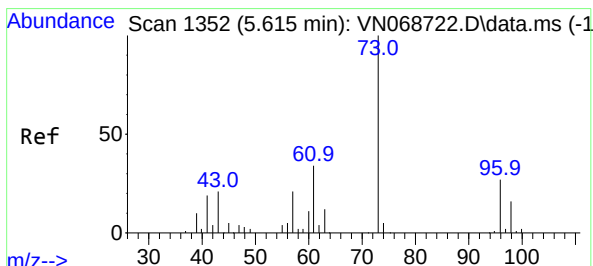
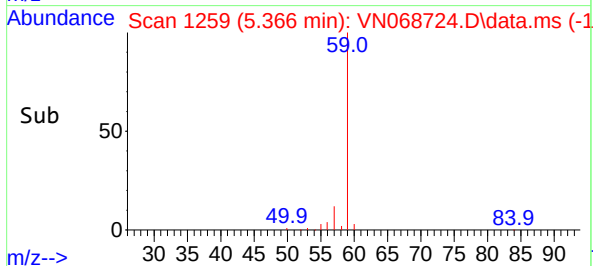
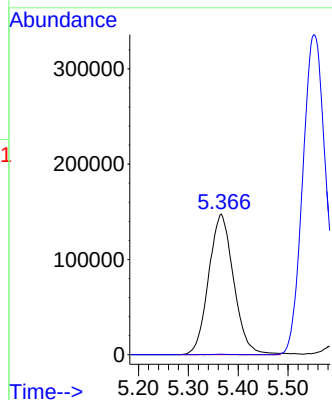
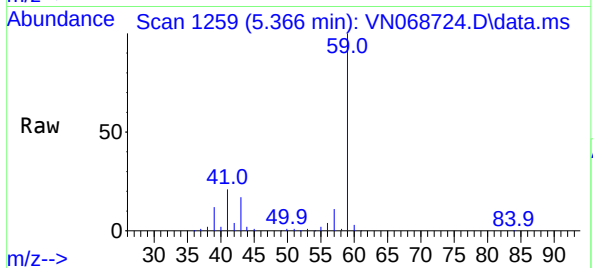
tert-Butyl Alcohol
Concen: 434.171 ug/l
RT: 5.366 min Scan# 1259
Delta R.T. -0.003 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37

Tgt Ion: 59 Resp: 514788
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0#

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Manual Integrations
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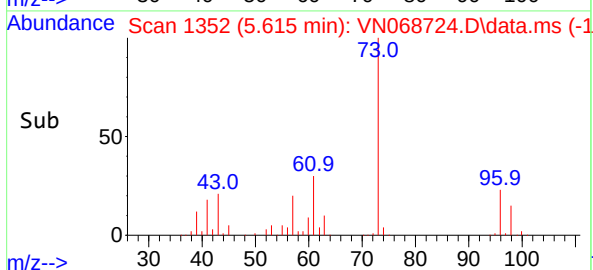
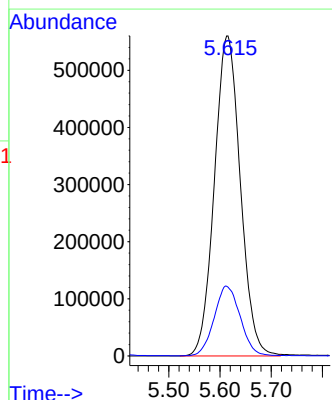
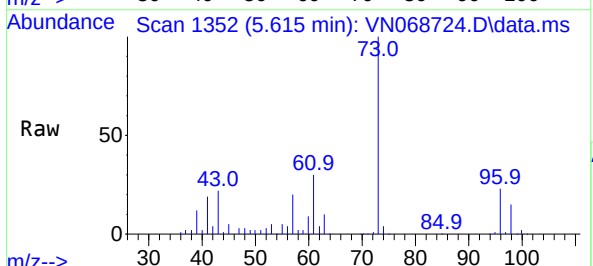
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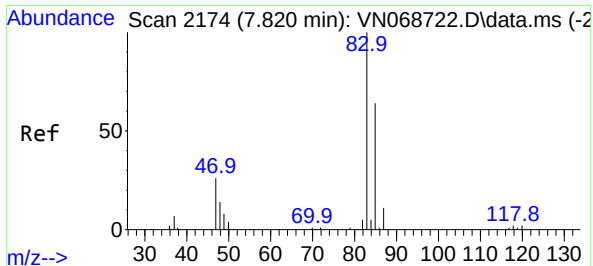


#24

Methyl tert-Butyl Ether
Concen: 90.236 ug/l
RT: 5.615 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37

Tgt Ion: 73 Resp: 1969721
Ion Ratio Lower Upper
73 100
43 21.8 18.1 27.1





#25

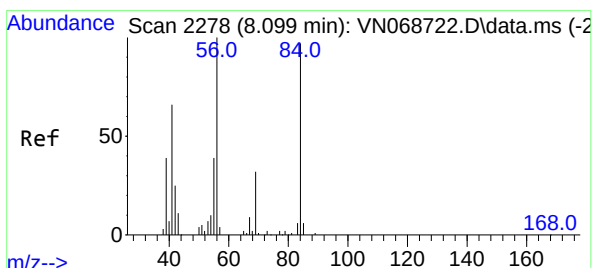
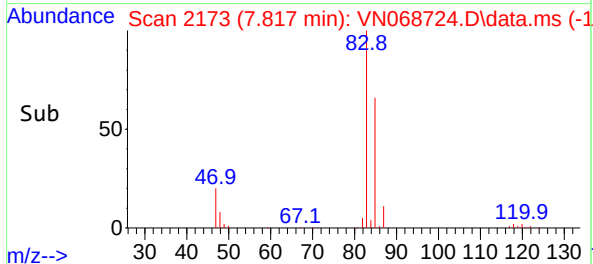
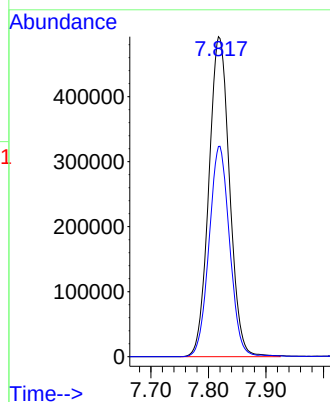
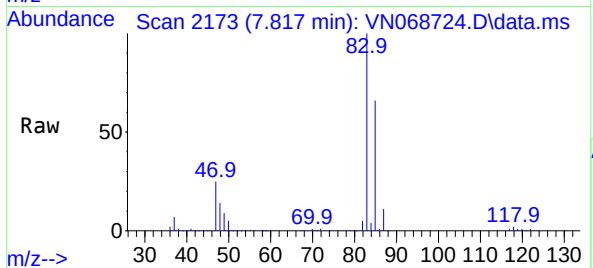
Chloroform
Concen: 87.260 ug/l
RT: 7.817 min Scan# 2173
Delta R.T. -0.003 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37

Tgt Ion: 83 Resp: 1232369
Ion Ratio Lower Upper
83 100
85 65.7 51.3 76.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Manual Integrations
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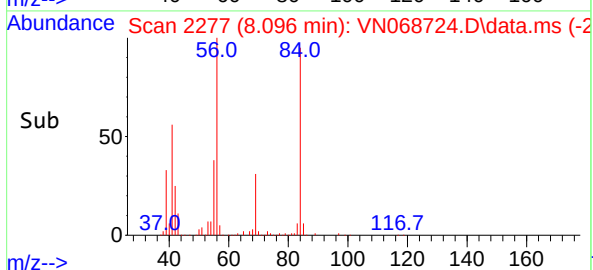
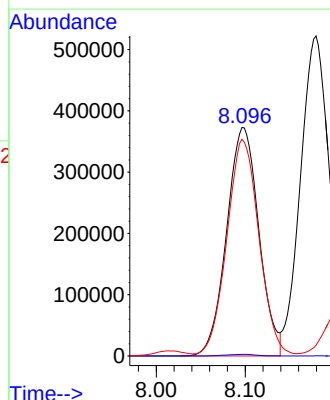
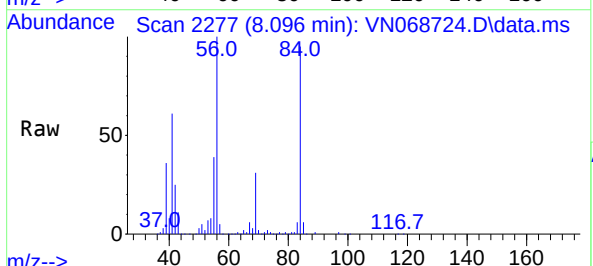
MMDadoda
9/30/2021 12:17:32 PM

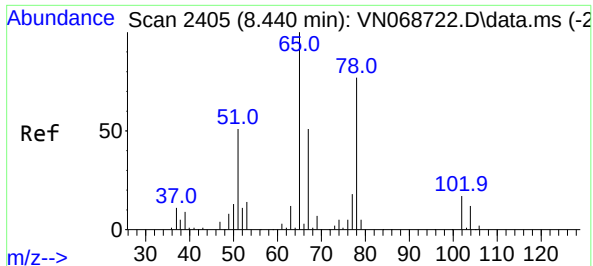


#26

Cyclohexane
Concen: 80.951 ug/l
RT: 8.096 min Scan# 2277
Delta R.T. -0.003 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37

Tgt Ion: 56 Resp: 940056
Ion Ratio Lower Upper
56 100
89 0.6 0.1 0.1#
84 94.5 74.6 111.8





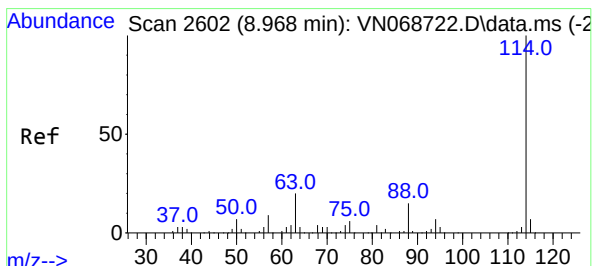
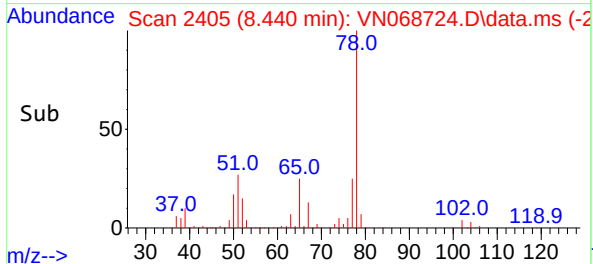
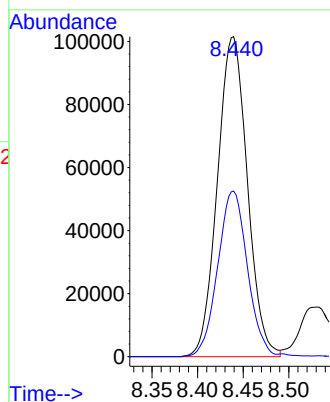
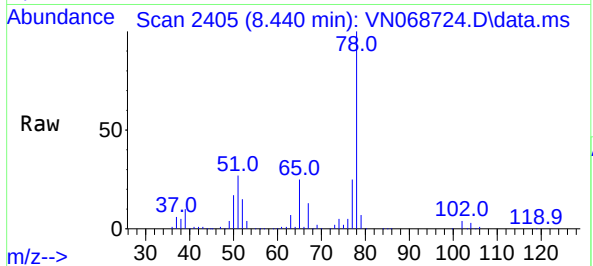
#27
1,2-Dichloroethane-d4
Concen: 24.582 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37

Tgt Ion: 65 Resp: 232149
Ion Ratio Lower Upper
65 100
67 51.2 40.2 60.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

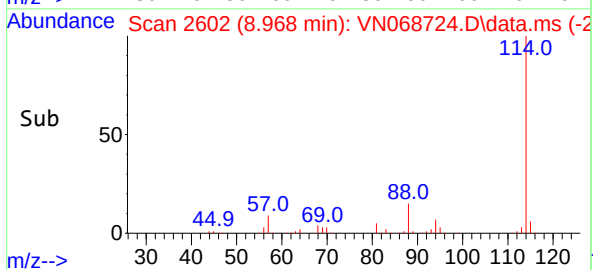
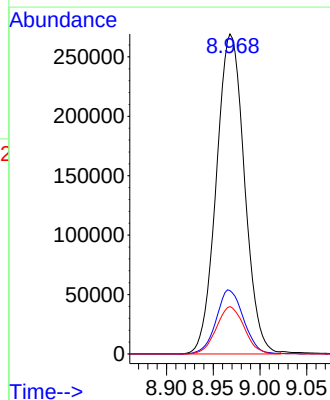
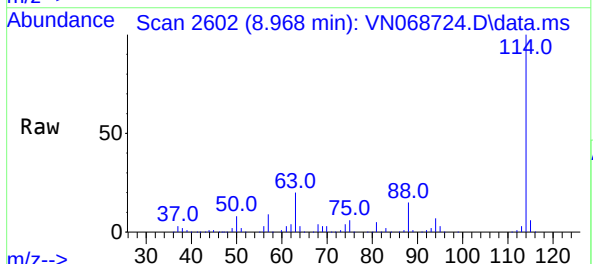
Manual Integrations
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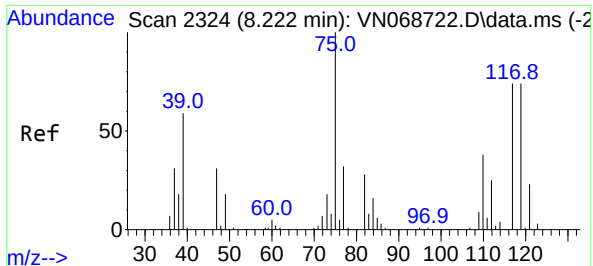
MMDadoda
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#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37

Tgt Ion: 114 Resp: 563273
Ion Ratio Lower Upper
114 100
63 19.6 15.8 23.6
88 14.6 11.6 17.4





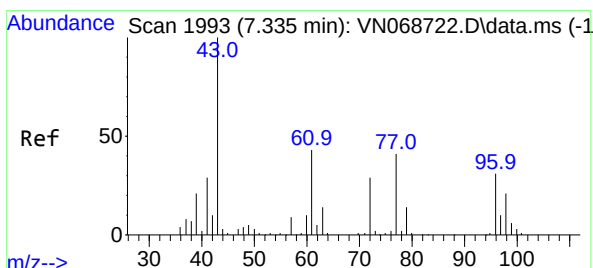
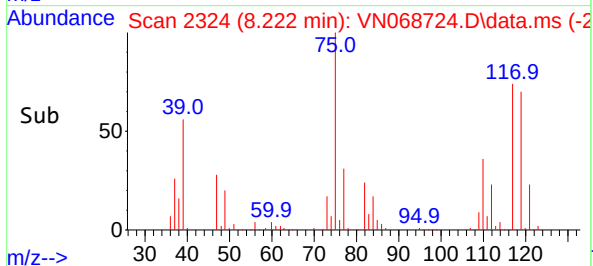
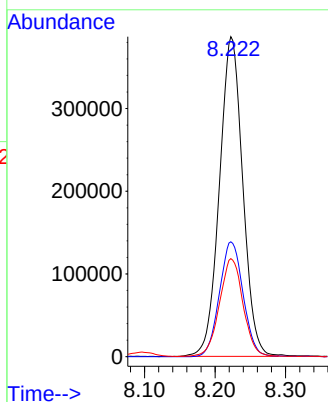
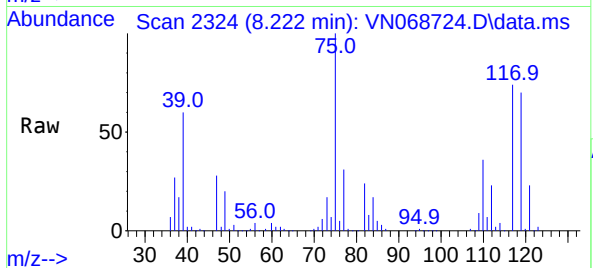
#29
1,1-Dichloropropene
Concen: 82.862 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37

Tgt Ion: 75 Resp: 887085
Ion Ratio Lower Upper
75 100
110 36.5 0.0 74.2
77 31.0 0.0 63.2

Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

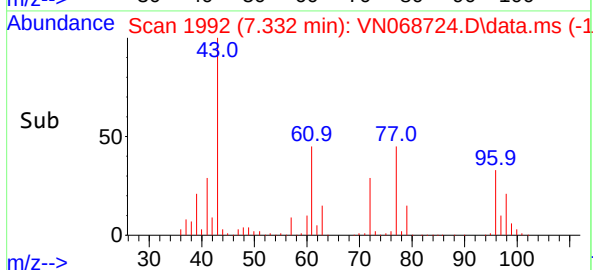
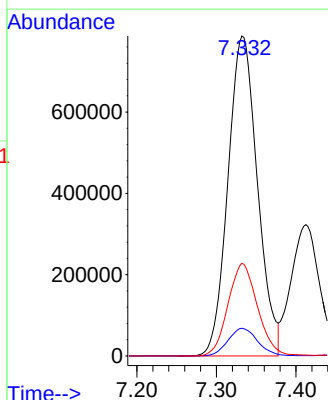
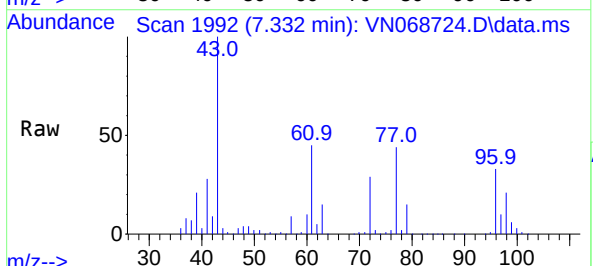
Manual Integrations
APPROVED

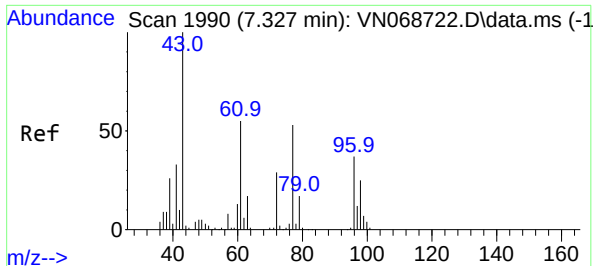
MMDadoda
9/30/2021 12:17:32 PM



#30
2-Butanone
Concen: 411.497 ug/l
RT: 7.332 min Scan# 1992
Delta R.T. -0.003 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37

Tgt Ion: 43 Resp: 2029234
Ion Ratio Lower Upper
43 100
57 8.7 6.7 10.1
72 29.0 23.2 34.8





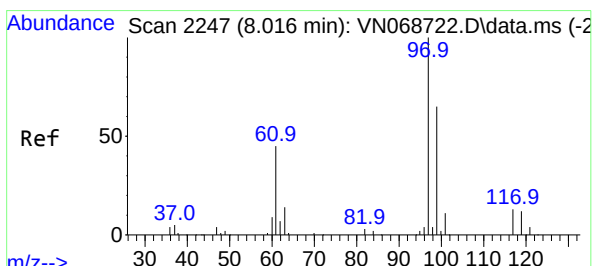
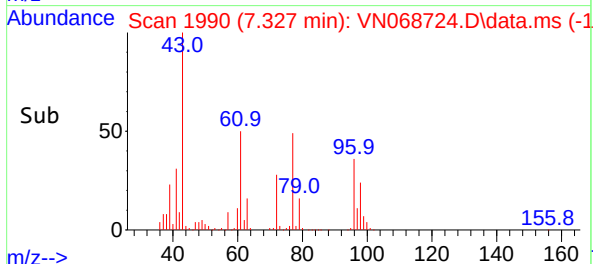
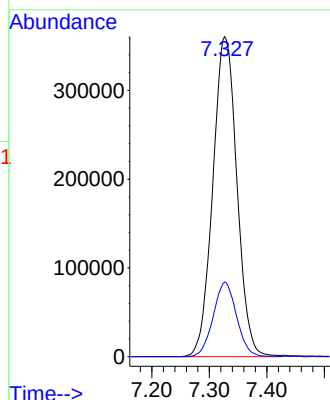
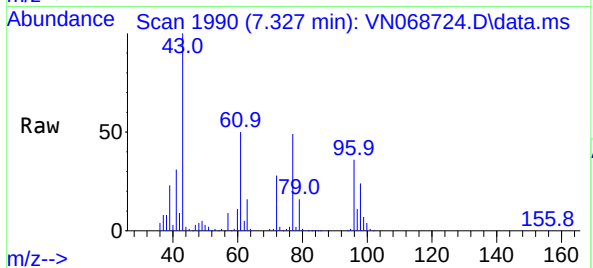
#31
2,2-Dichloropropane
Concen: 97.001 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37

Tgt Ion: 77 Resp: 1050518
Ion Ratio Lower Upper
77 100
97 22.6 18.3 27.5

Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

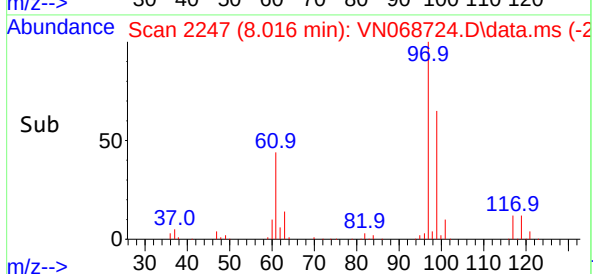
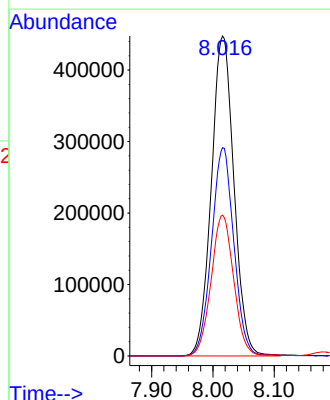
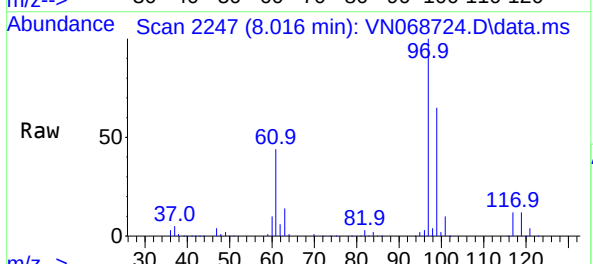
Manual Integrations
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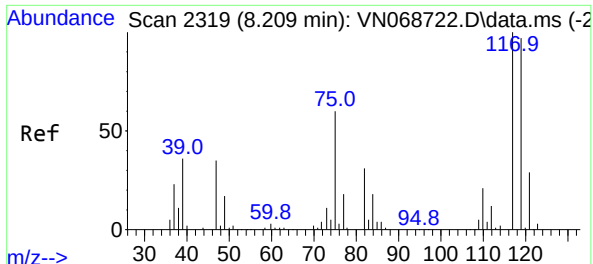
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#32
1,1,1-Trichloroethane
Concen: 92.582 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. 0.000 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37

Tgt Ion: 97 Resp: 1146203
Ion Ratio Lower Upper
97 100
99 64.2 50.4 75.6
61 43.8 34.6 51.8





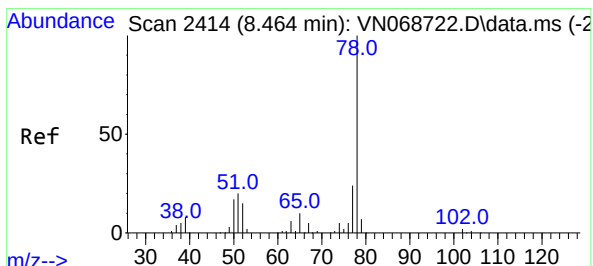
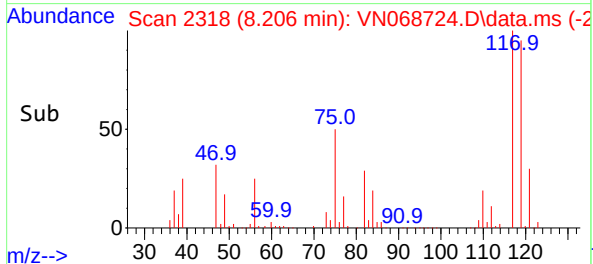
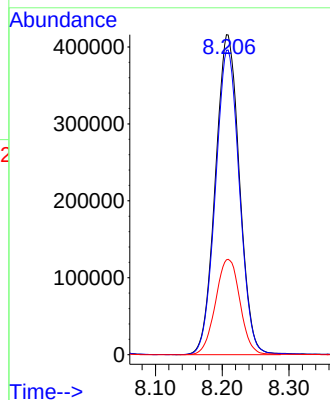
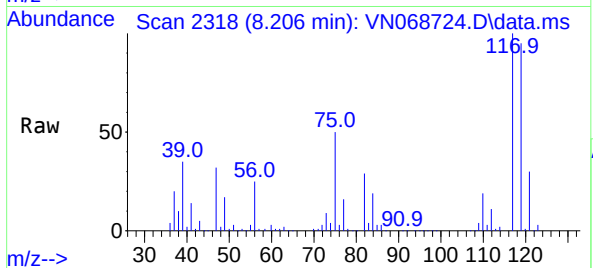
#33
Carbon Tetrachloride
Concen: 89.968 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. -0.003 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37

Tgt Ion: 117 Resp: 1041630
Ion Ratio Lower Upper
117 100
119 95.0 77.5 116.3
121 29.6 23.5 35.3

Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

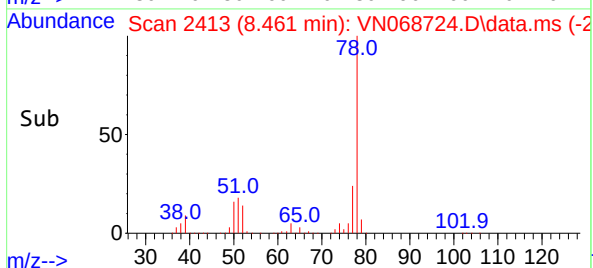
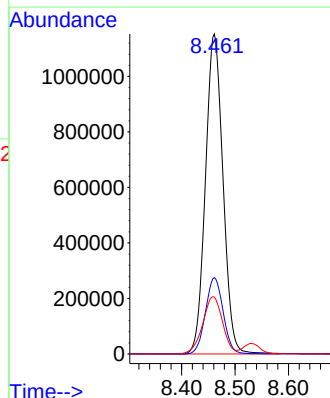
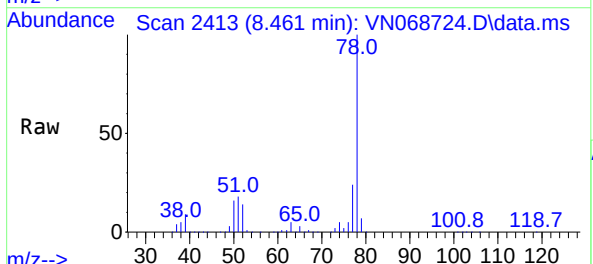
Manual Integrations
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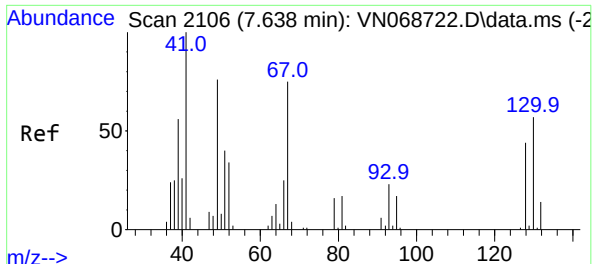
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#34
Benzene
Concen: 90.674 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. -0.003 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37

Tgt Ion: 78 Resp: 2627519
Ion Ratio Lower Upper
78 100
77 23.9 19.1 28.7
51 17.7 16.0 24.0





#35
Methacrylonitrile
Concen: 78.563 ug/l
RT: 7.635 min Scan# 2105
Delta R.T. -0.003 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37

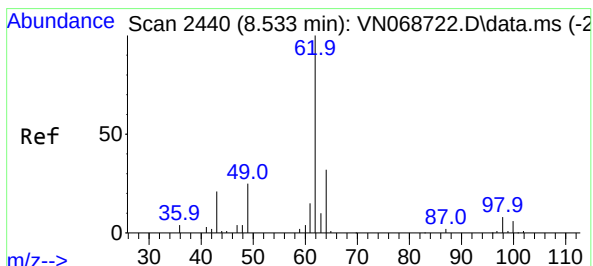
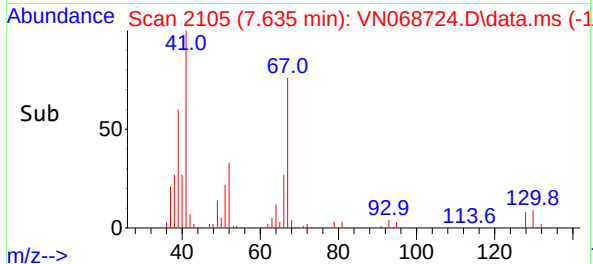
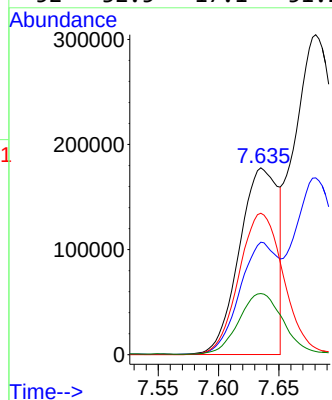
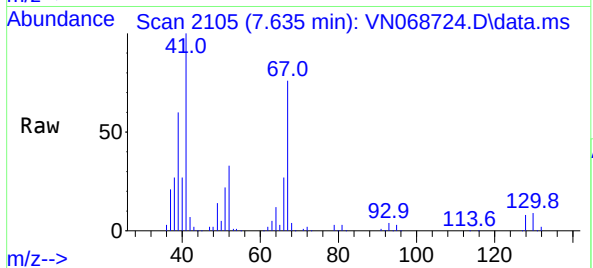
Tgt Ion: 41 Resp: 395893

Ion	Ratio	Lower	Upper
41	100		
39	60.0	28.0	83.9
67	75.8	37.7	113.1
52	32.5	17.1	51.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
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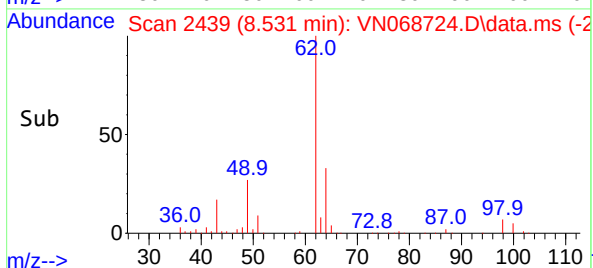
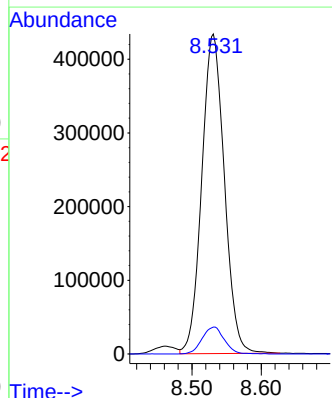
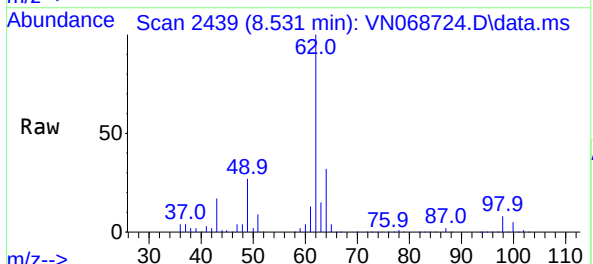
MMDadoda
9/30/2021 12:17:32 PM

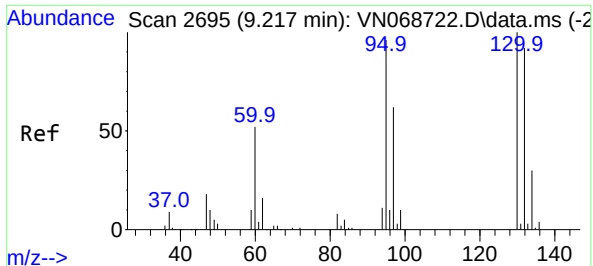


#36
1,2-Dichloroethane
Concen: 87.617 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. -0.003 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37

Tgt Ion: 62 Resp: 982161

Ion	Ratio	Lower	Upper
62	100		
98	8.3	6.6	10.0





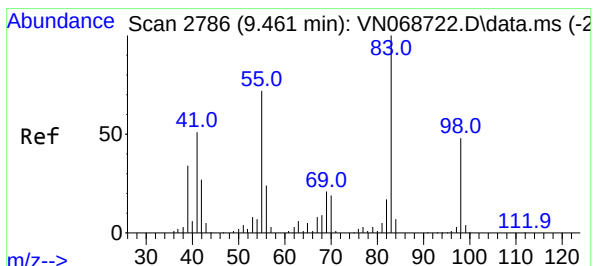
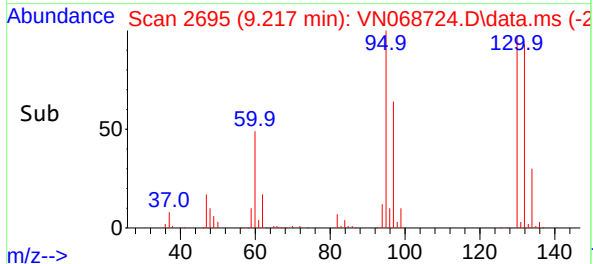
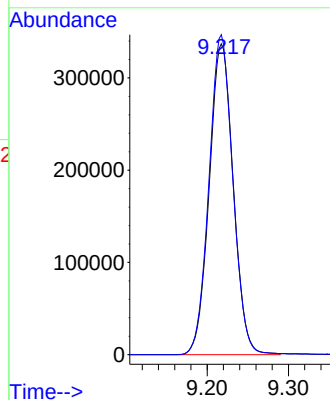
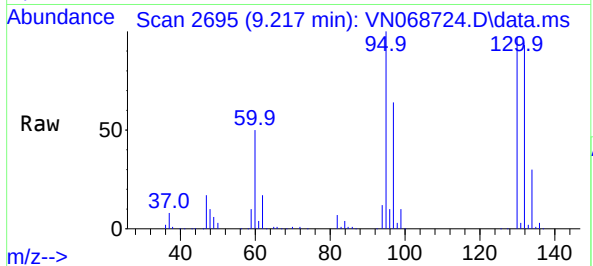
#37
Trichloroethene
Concen: 95.266 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37

Tgt Ion:130 Resp: 692942
Ion Ratio Lower Upper
130 100
95 102.8 76.6 115.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

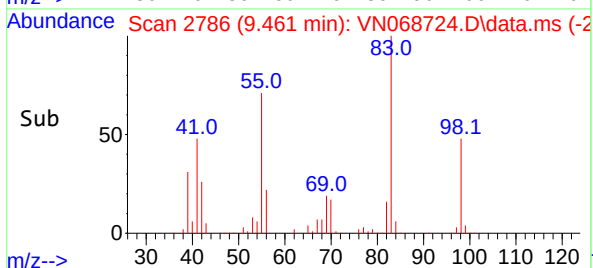
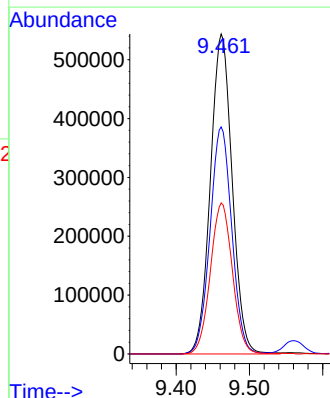
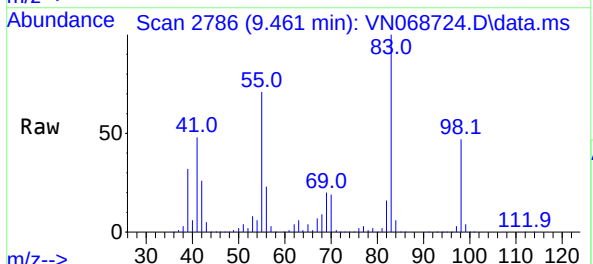
Manual Integrations
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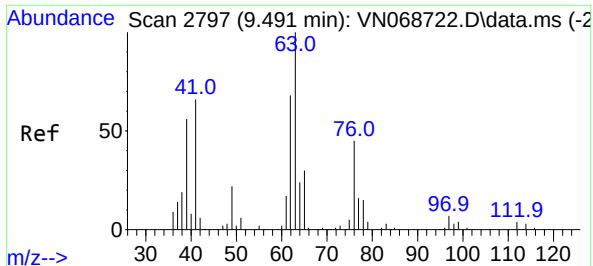
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#38
Methylcyclohexane
Concen: 84.392 ug/l
RT: 9.461 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37

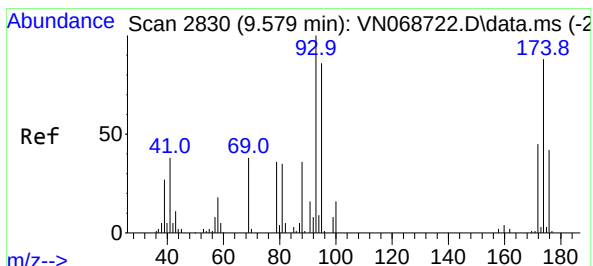
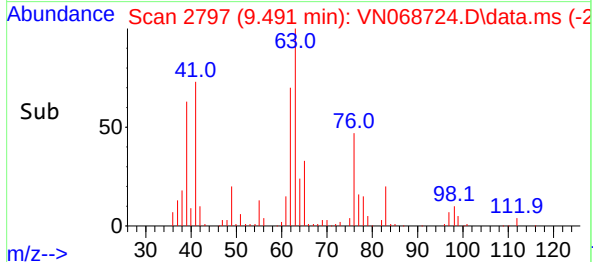
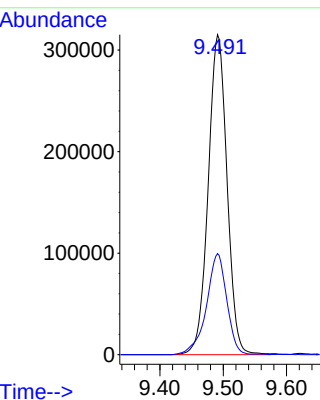
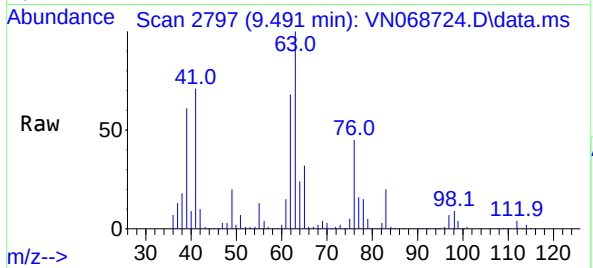
Tgt Ion: 83 Resp: 1123188
Ion Ratio Lower Upper
83 100
55 70.9 35.1 105.3
98 47.7 23.4 70.2





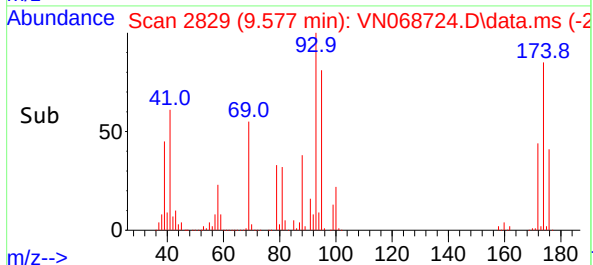
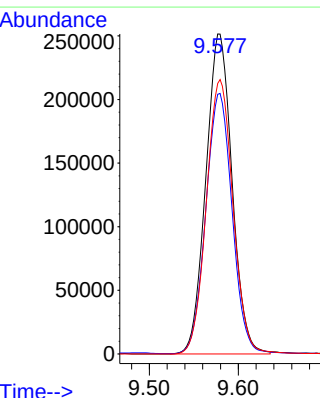
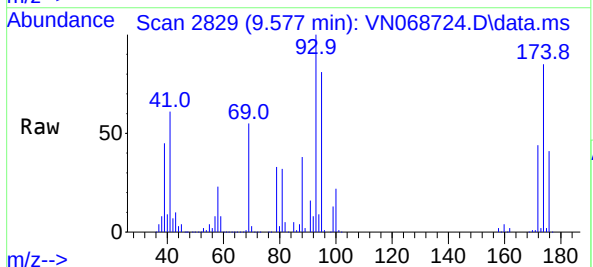
#39
1,2-Dichloropropane
Concen: 78.552 ug/l
RT: 9.491 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37

Tgt Ion: 63 Resp: 651873
Ion Ratio Lower Upper
63 100
65 31.6 24.2 36.4



#40
Dibromomethane
Concen: 91.061 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. -0.003 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37

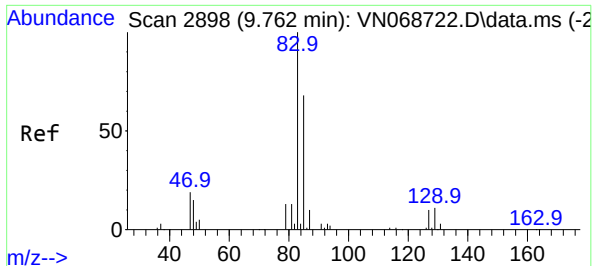
Tgt Ion: 93 Resp: 514968
Ion Ratio Lower Upper
93 100
95 81.8 0.0 168.8
174 87.1 0.0 173.6



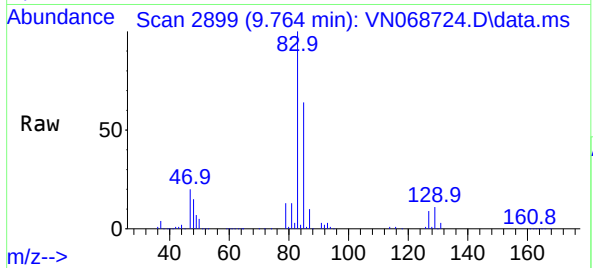
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

Manual Integrations
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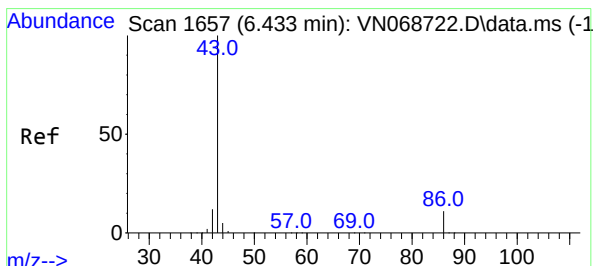
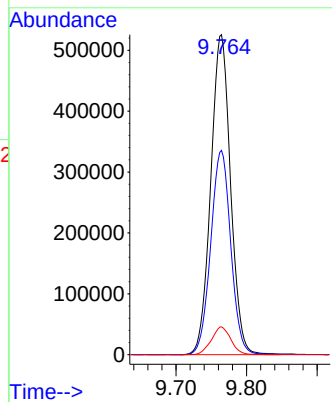
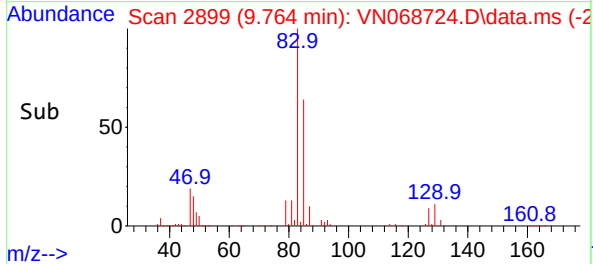
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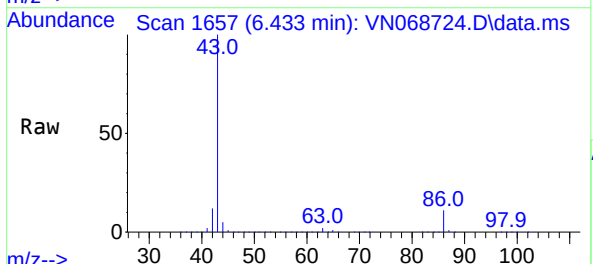
#41
Bromodichloromethane
Concen: 90.424 ug/l
RT: 9.764 min Scan# 2899
Delta R.T. 0.003 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37



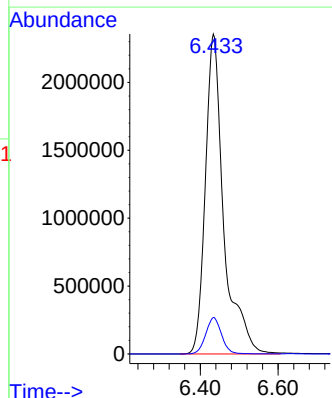
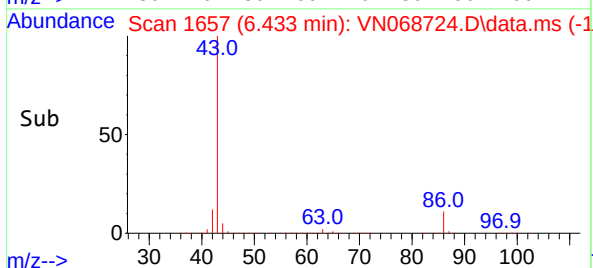
Tgt Ion: 83 Resp: 1025858
Ion Ratio Lower Upper
83 100
85 63.9 54.1 81.1
127 8.7 7.6 11.4



#42
Vinyl Acetate
Concen: 432.788 ug/l
RT: 6.433 min Scan# 1657
Delta R.T. 0.000 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37



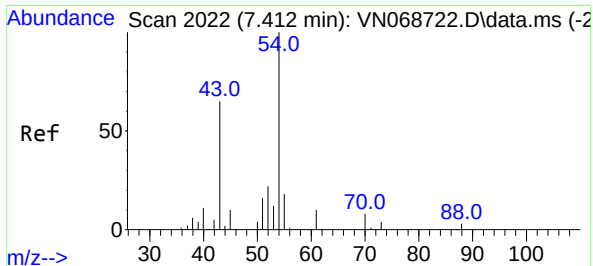
Tgt Ion: 43 Resp: 7713959
Ion Ratio Lower Upper
43 100
86 9.8 7.5 11.3



Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Manual Integrations
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#43

Ethyl Acetate

Concen: 84.362 ug/l

RT: 7.412 min Scan# 2022

Delta R.T. 0.000 min

Lab File: VN068724.D

Acq: 28 Sep 2021 16:37

Tgt Ion: 43 Resp: 811981

Ion Ratio Lower Upper

43 100

45 14.2 10.6 16.0

Instrument :

MSVOA_N

ClientSampleId :

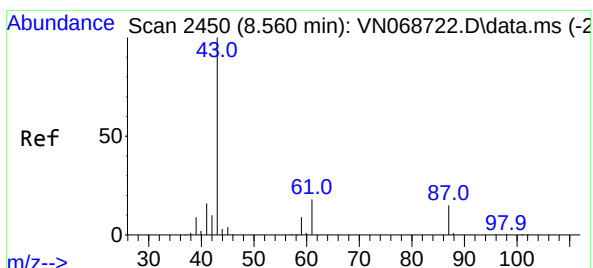
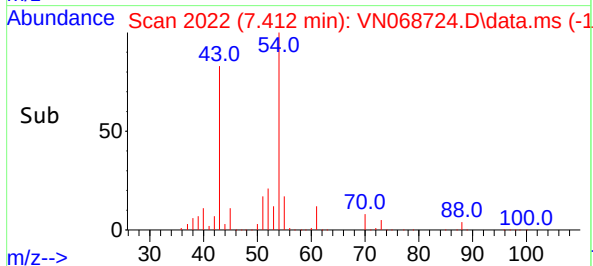
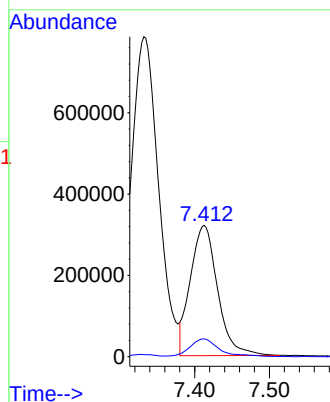
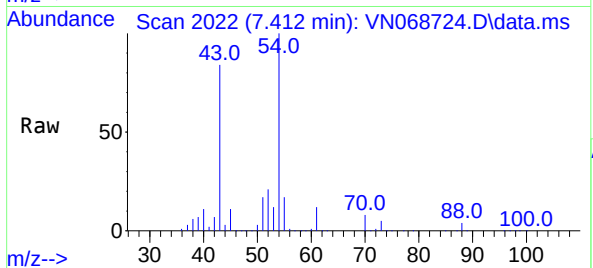
VSTDIC100

Manual Integrations

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#44

Isopropyl Acetate

Concen: 82.407 ug/l

RT: 8.560 min Scan# 2450

Delta R.T. 0.000 min

Lab File: VN068724.D

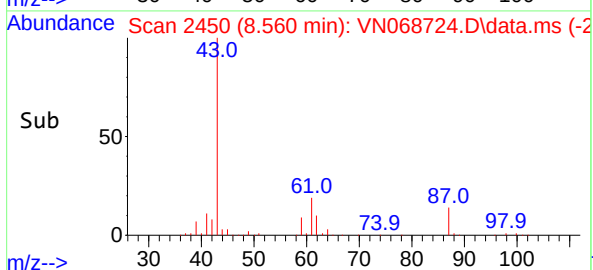
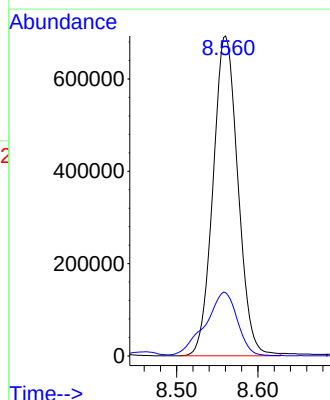
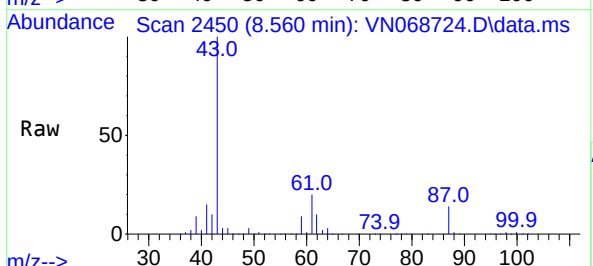
Acq: 28 Sep 2021 16:37

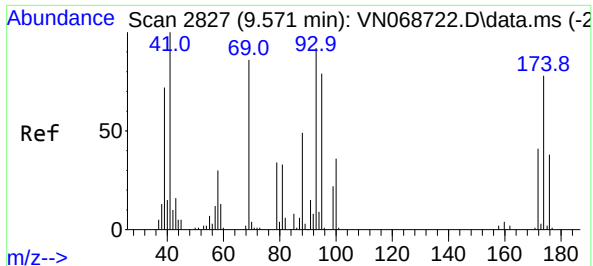
Tgt Ion: 43 Resp: 1473309

Ion Ratio Lower Upper

43 100

61 25.5 20.1 30.1





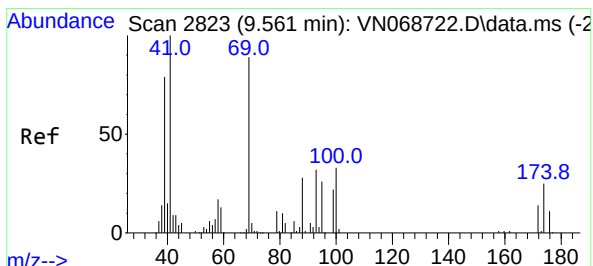
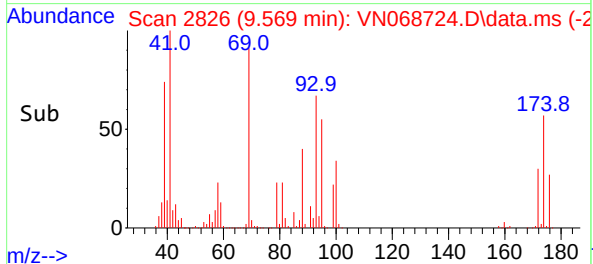
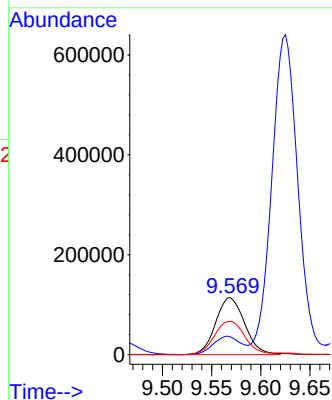
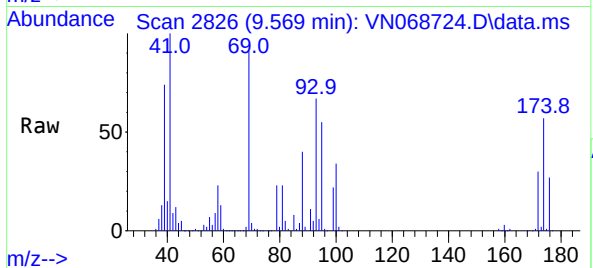
#45
1,4-Dioxane
Concen: 1770.301 ug/l
RT: 9.569 min Scan# 2826
Delta R.T. -0.003 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 88 Resp: 234943
Ion Ratio Lower Upper
88 100
43 30.5 25.0 37.6
58 61.4 49.4 74.2

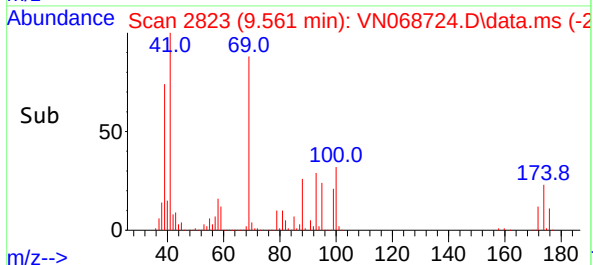
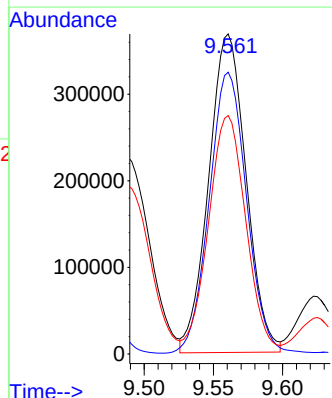
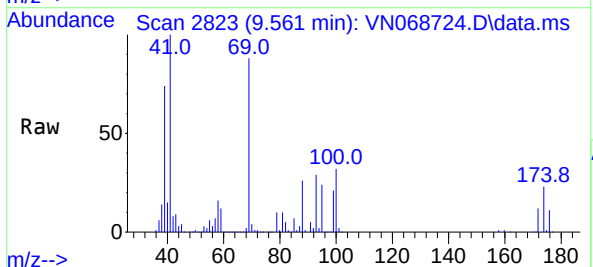
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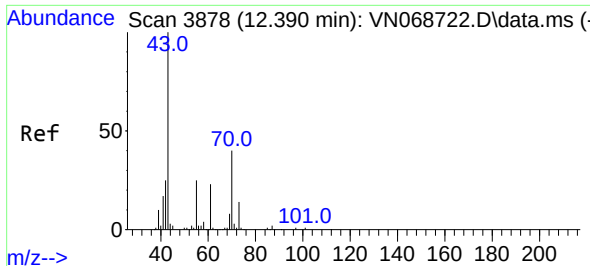
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#46
Methyl methacrylate
Concen: 76.995 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. 0.000 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37

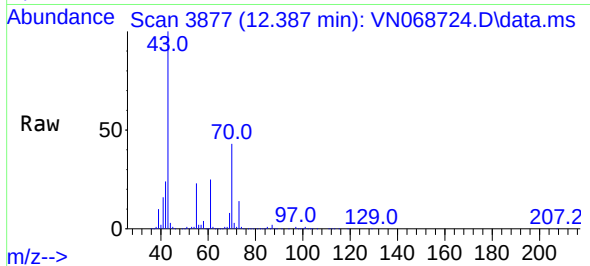
Tgt Ion: 41 Resp: 691070
Ion Ratio Lower Upper
41 100
69 89.5 44.4 133.2
39 74.6 39.9 119.6





#47
n-amy1 Acetate
Concen: 83.915 ug/l
RT: 12.387 min Scan# 3877
Delta R.T. -0.003 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37

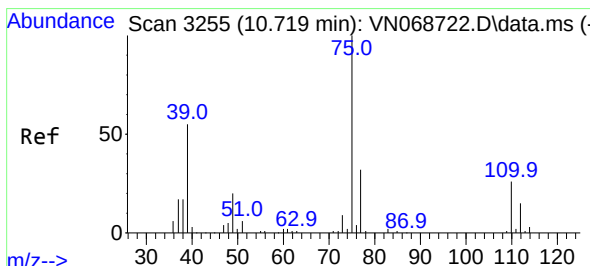
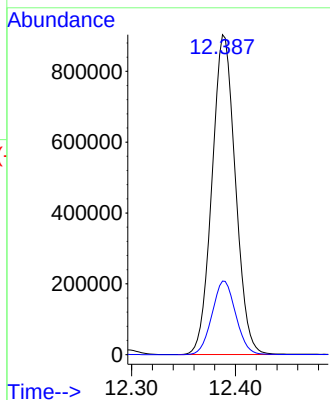
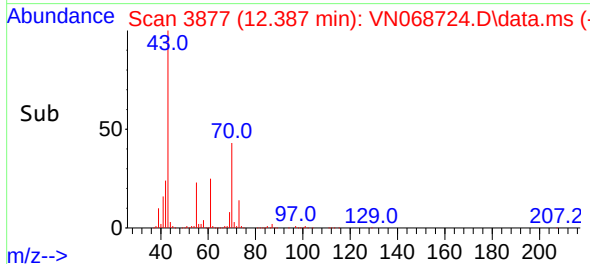
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



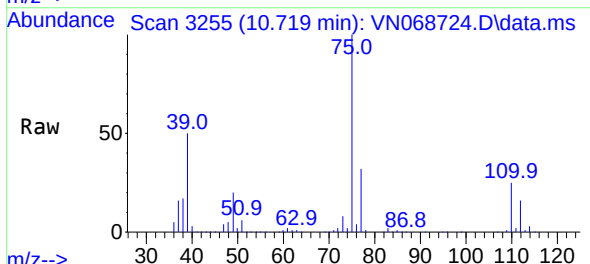
Tgt Ion: 43 Resp: 1413321
Ion Ratio Lower Upper
43 100
55 23.4 19.0 28.6

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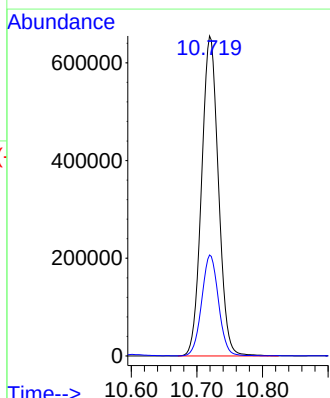
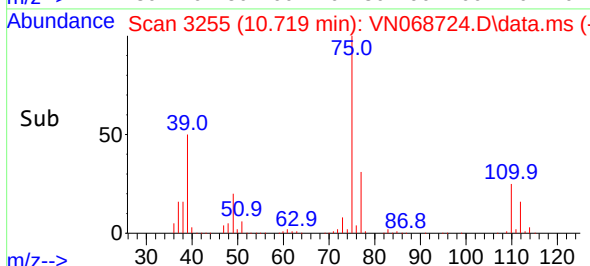
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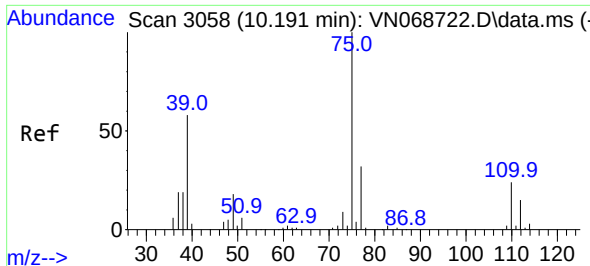


#48
t-1,3-Dichloropropene
Concen: 93.487 ug/l
RT: 10.719 min Scan# 3255
Delta R.T. 0.000 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37



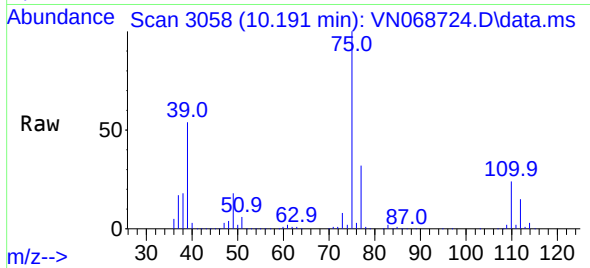
Tgt Ion: 75 Resp: 1166897
Ion Ratio Lower Upper
75 100
77 31.5 25.3 37.9





#49
cis-1,3-Dichloropropene
Concen: 91.634 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. 0.000 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37

Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

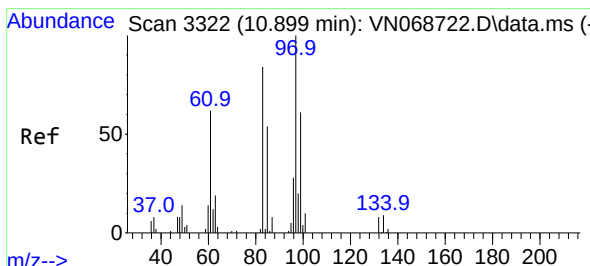
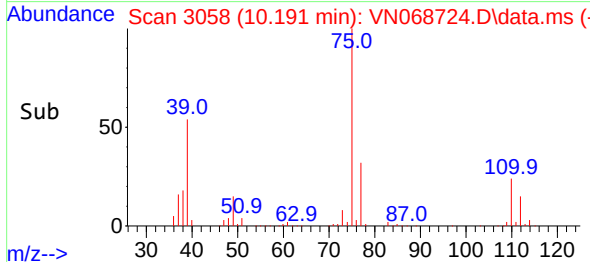
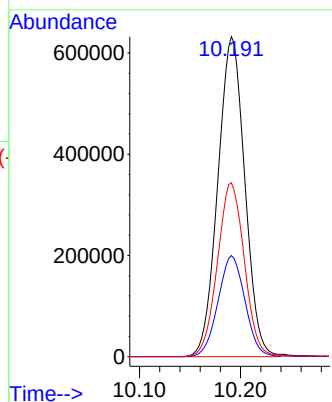


Tgt Ion: 75 Resp: 1169377

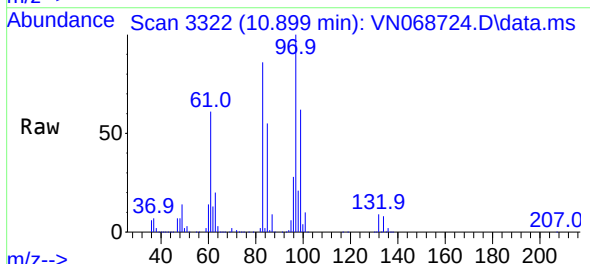
Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.3	37.9
39	54.3	46.2	69.4

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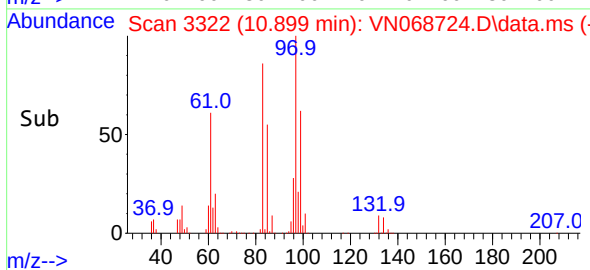
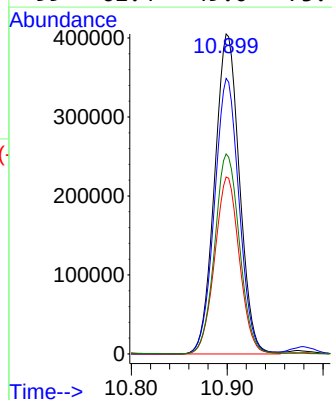


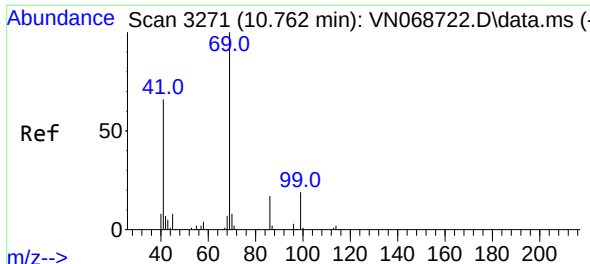
#50
1,1,2-Trichloroethane
Concen: 93.557 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. 0.000 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37



Tgt Ion: 97 Resp: 729995

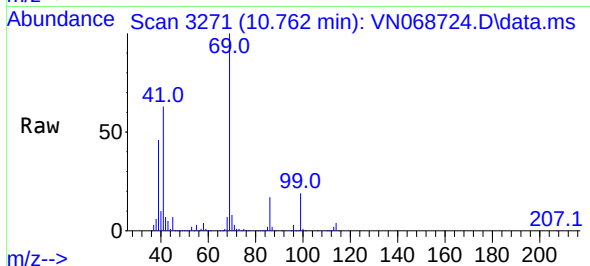
Ion	Ratio	Lower	Upper
97	100		
83	86.0	67.2	100.8
85	55.3	43.0	64.4
99	62.4	49.0	73.4





#51
Ethyl methacrylate
Concen: 95.848 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

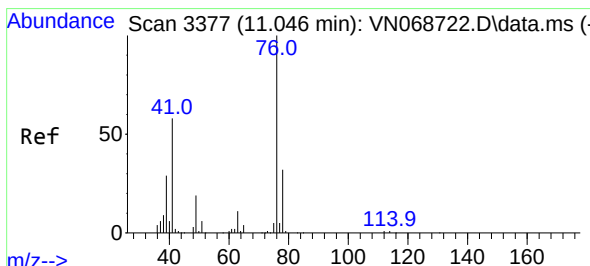
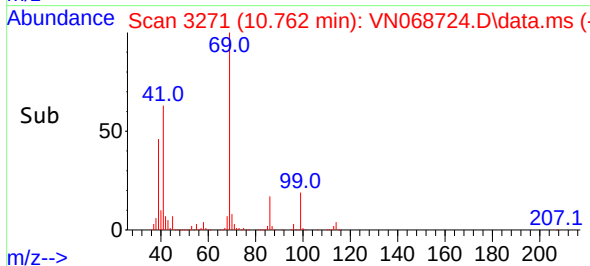
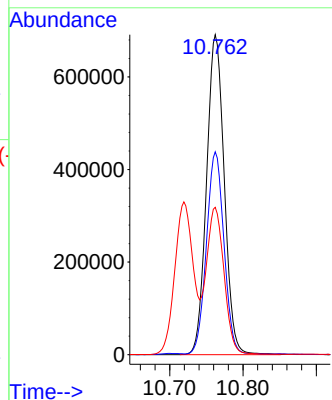


Tgt Ion: 69 Resp: 1159208

Ion	Ratio	Lower	Upper
69	100		
41	63.1	33.0	98.9
39	45.9	25.4	76.4

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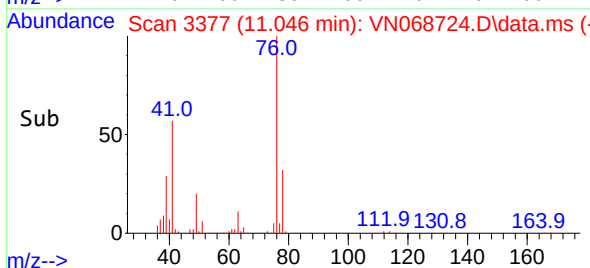
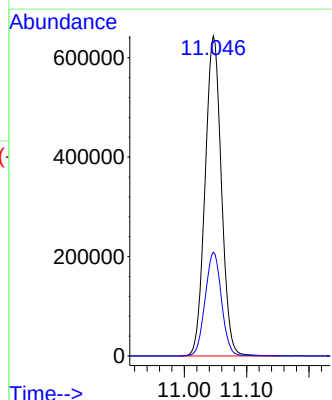
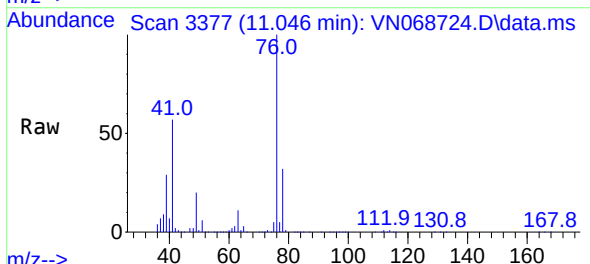
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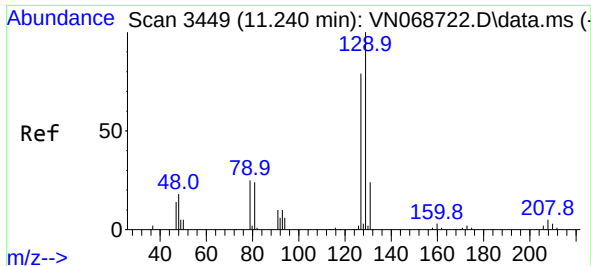


#52
1,3-Dichloropropane
Concen: 93.298 ug/l
RT: 11.046 min Scan# 3377
Delta R.T. 0.000 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37

Tgt Ion: 76 Resp: 1167421

Ion	Ratio	Lower	Upper
76	100		
78	32.6	0.0	65.4





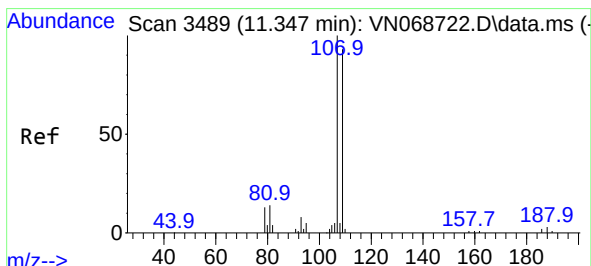
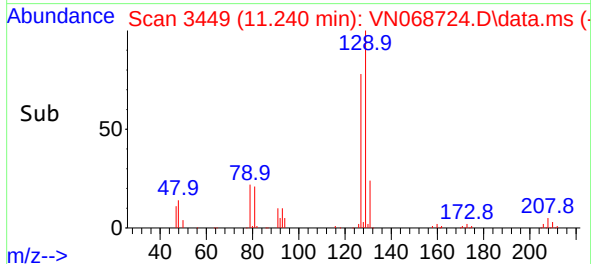
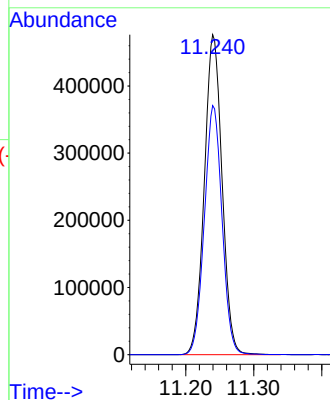
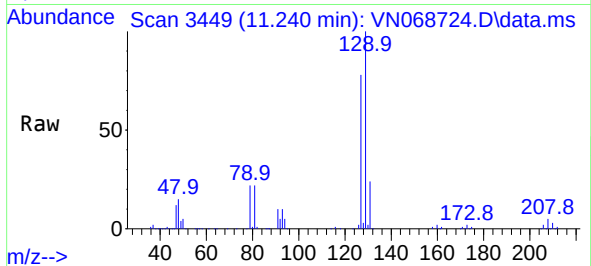
#53
Dibromochloromethane
Concen: 96.759 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. 0.000 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:129 Resp: 862717
Ion Ratio Lower Upper
129 100
127 77.6 39.0 117.0

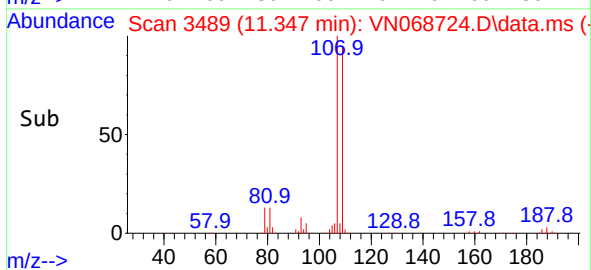
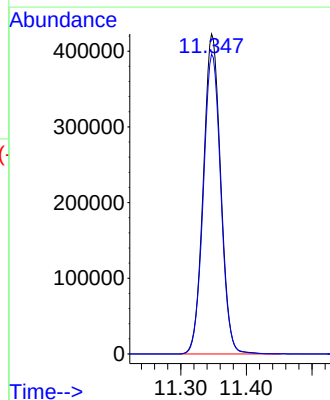
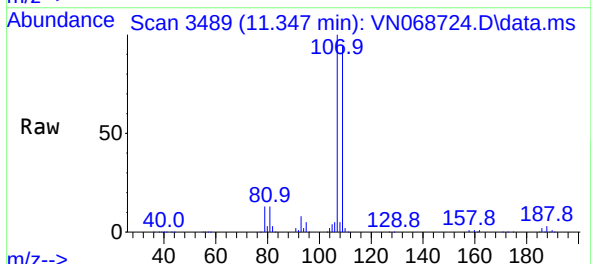
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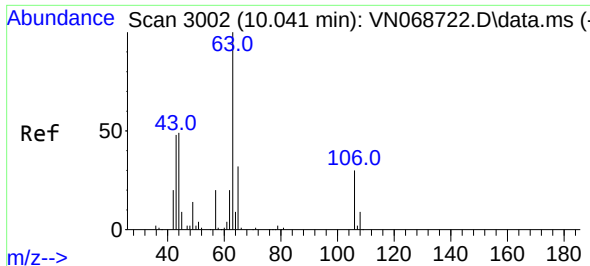
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#54
1,2-Dibromoethane
Concen: 95.584 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. 0.000 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37

Tgt Ion:107 Resp: 775967
Ion Ratio Lower Upper
107 100
109 94.4 72.8 109.2





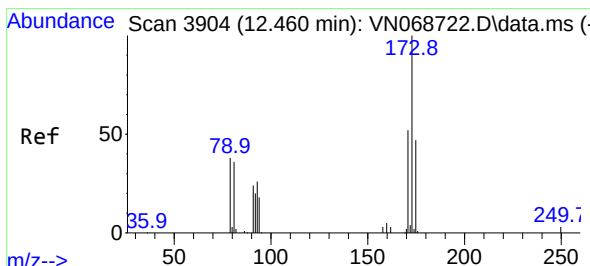
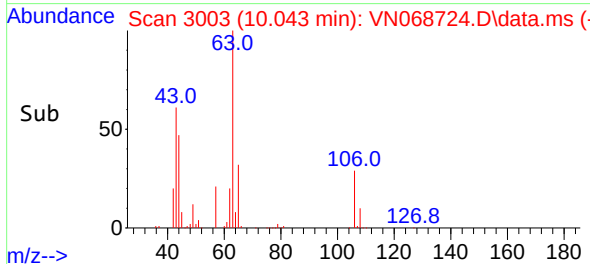
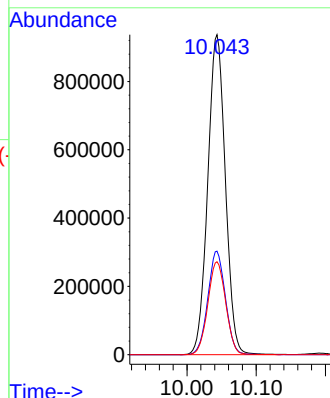
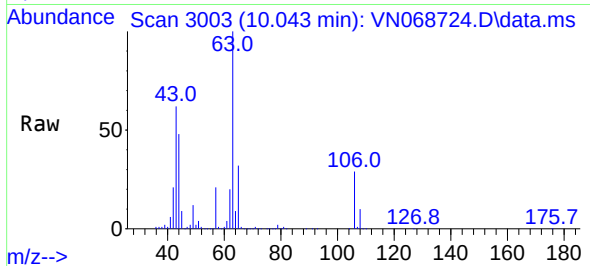
#55
2-Chloroethyl vinyl ether
Concen: 470.172 ug/l
RT: 10.043 min Scan# 3003
Delta R.T. 0.003 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37

Tgt Ion: 63 Resp: 1656391
Ion Ratio Lower Upper
63 100
65 32.3 25.4 38.0
106 29.5 23.2 34.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

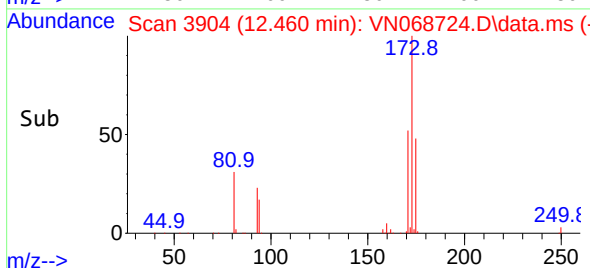
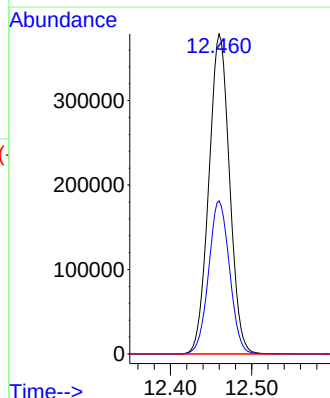
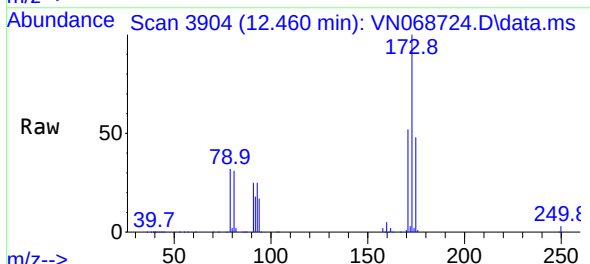
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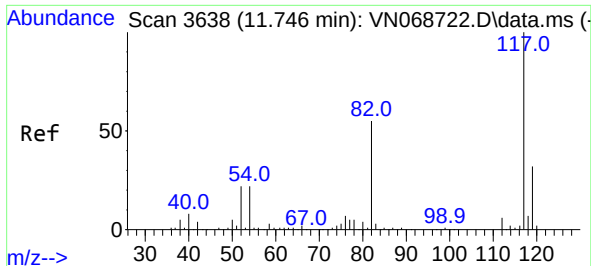
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#56
Bromoform
Concen: 103.183 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. 0.000 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37

Tgt Ion: 173 Resp: 671148
Ion Ratio Lower Upper
173 100
175 48.2 38.6 58.0
254 0.0 0.0 0.0





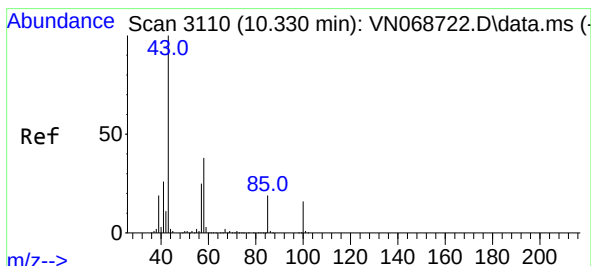
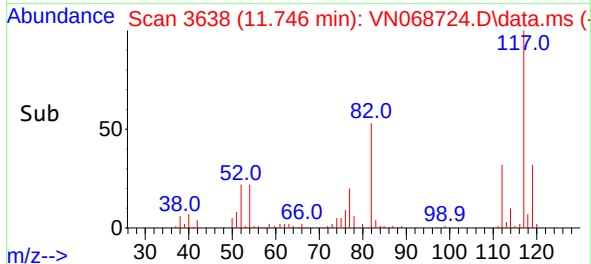
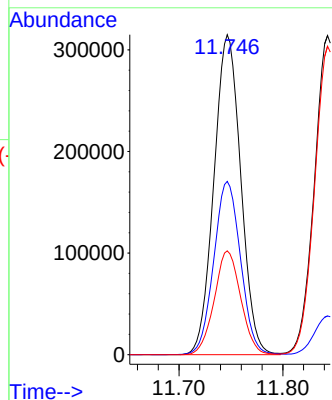
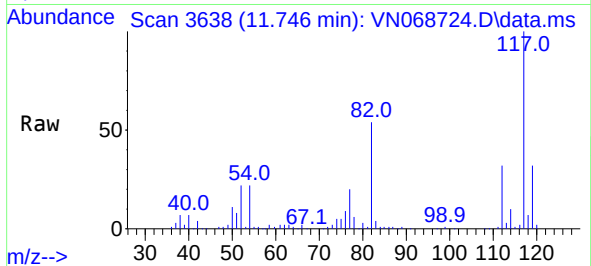
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37

Tgt Ion: 117 Resp: 565960
Ion Ratio Lower Upper
117 100
82 53.9 43.6 65.4
119 32.0 25.8 38.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

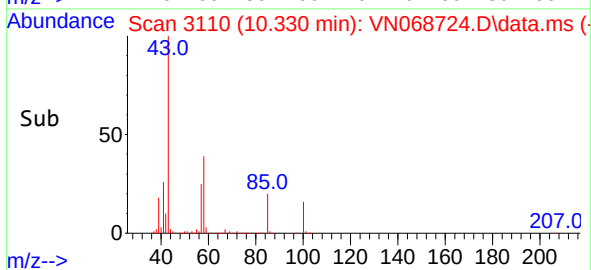
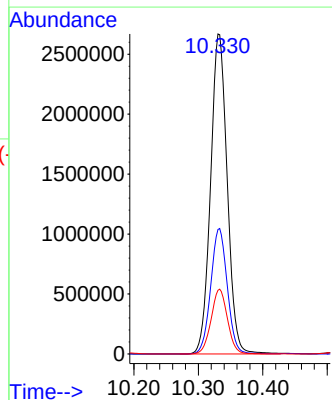
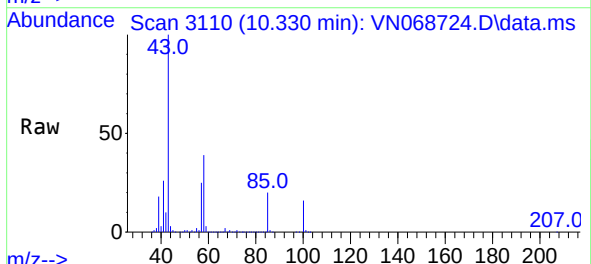
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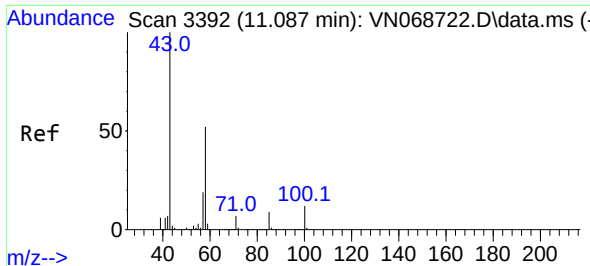
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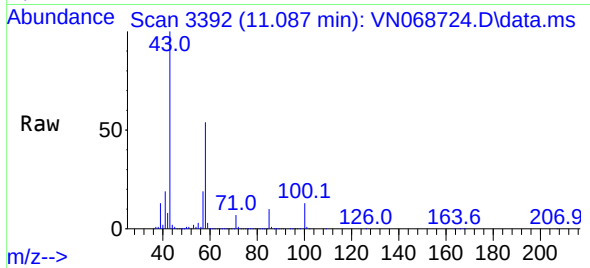
#58
4-Methyl-2-Pentanone
Concen: 408.122 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. 0.000 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37

Tgt Ion: 43 Resp: 4787274
Ion Ratio Lower Upper
43 100
58 39.1 30.0 45.0
85 19.9 15.0 22.6



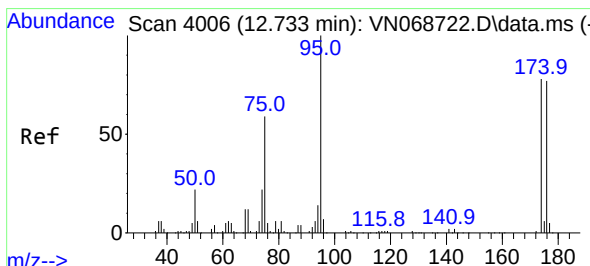
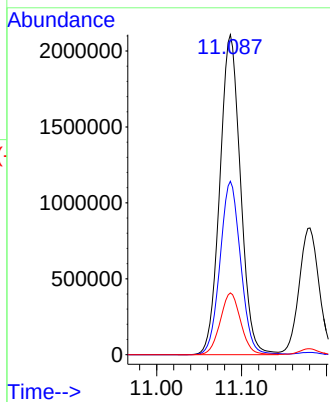
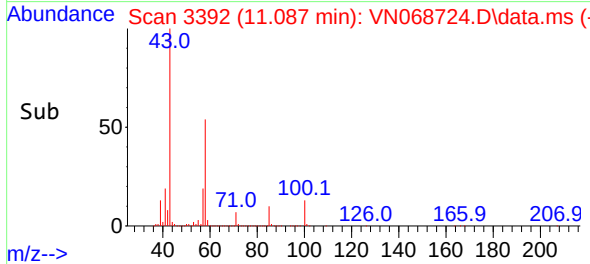


#59
2-Hexanone
Concen: 398.310 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. 0.000 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37

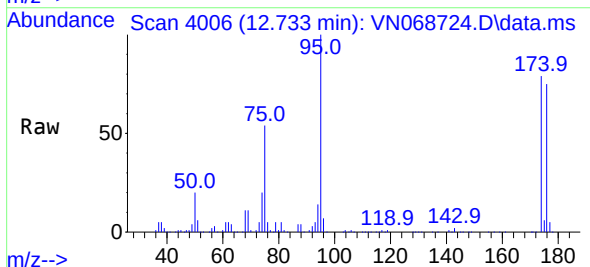


Tgt Ion: 43 Resp: 3559861

Ion	Ratio	Lower	Upper
43	100		
58	54.2	42.2	63.2
57	19.2	15.0	22.4

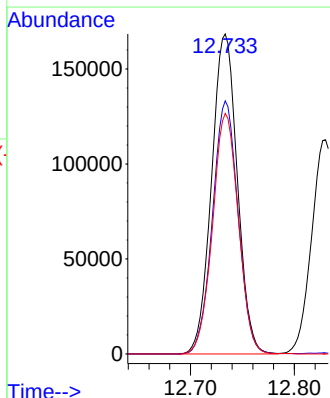
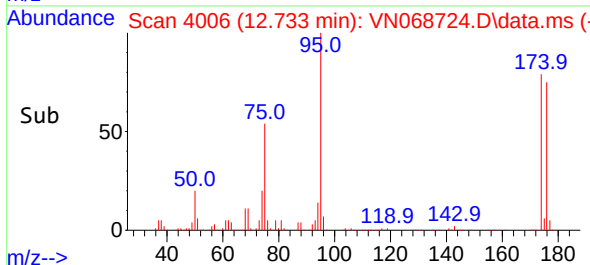


#60
4-Bromofluorobenzene
Concen: 28.946 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37



Tgt Ion: 95 Resp: 289832

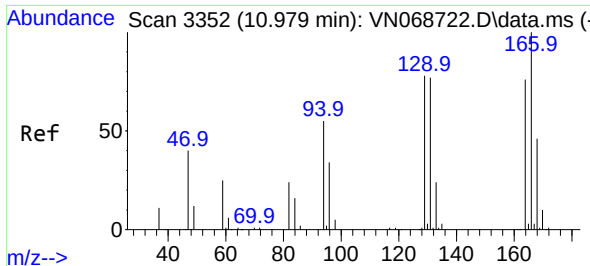
Ion	Ratio	Lower	Upper
95	100		
174	78.7	62.9	94.3
176	75.3	61.0	91.4



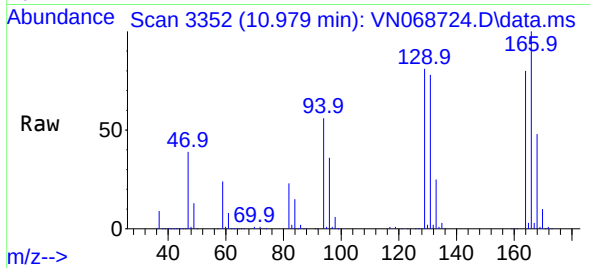
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

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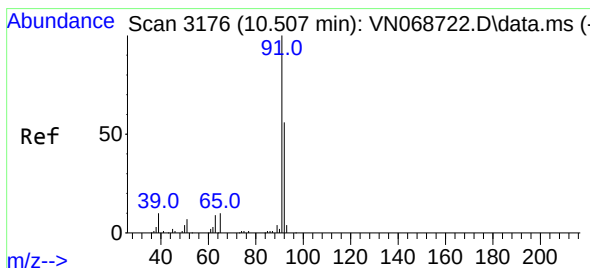
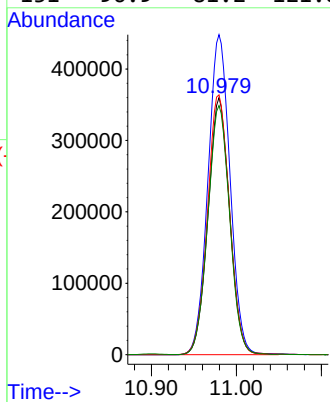
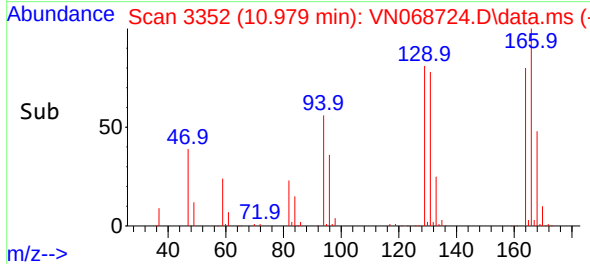
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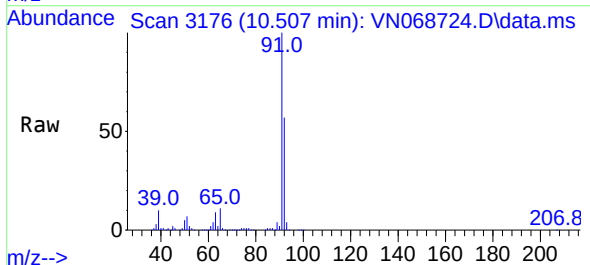
#61
Tetrachloroethene
Concen: 91.962 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. 0.000 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37



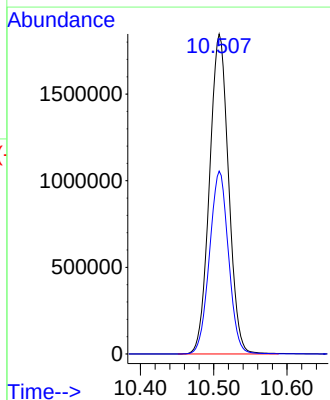
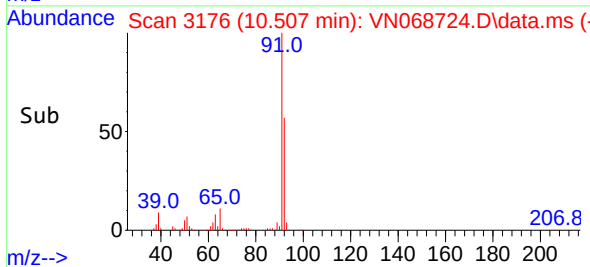
Tgt Ion:164 Resp: 637883
Ion Ratio Lower Upper
164 100
166 124.6 105.8 158.8
129 101.1 82.5 123.7
131 96.9 81.2 121.8



#62
Toluene
Concen: 92.215 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37



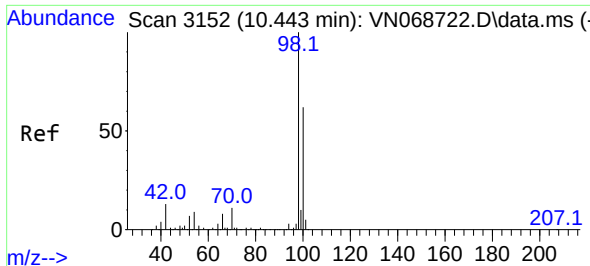
Tgt Ion: 91 Resp: 3335330
Ion Ratio Lower Upper
91 100
92 56.9 44.6 67.0



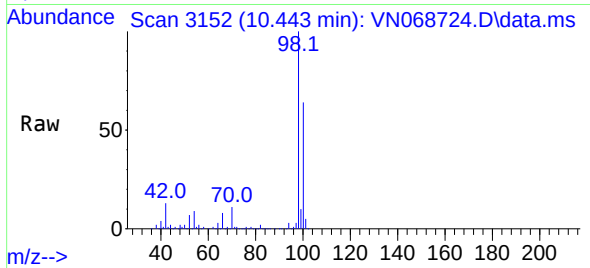
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

Manual Integrations
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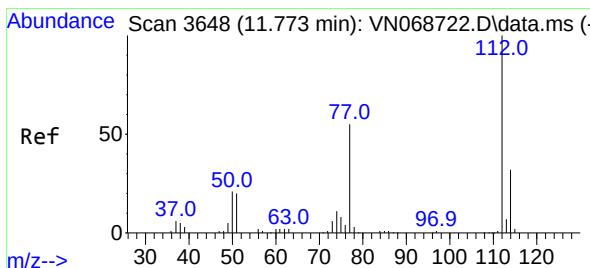
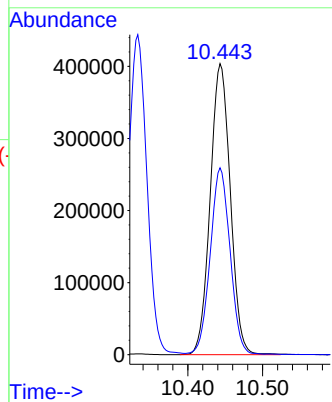
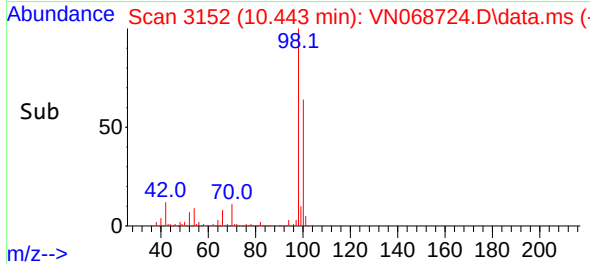
MMDadoda
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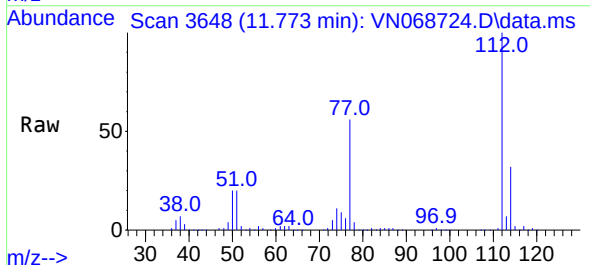
#63
Toluene-d8
Concen: 28.591 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37



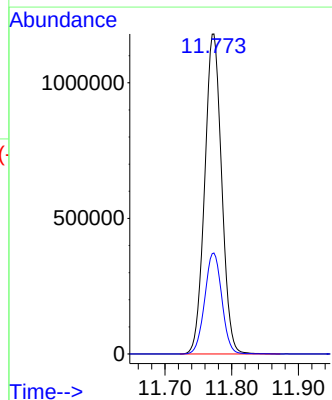
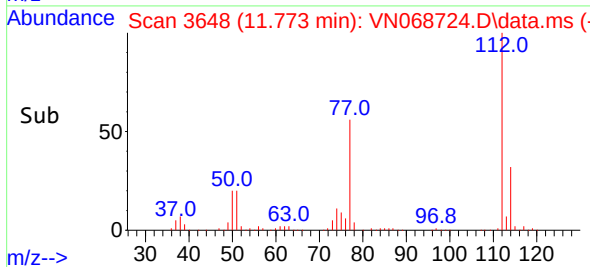
Tgt Ion: 98 Resp: 753686
Ion Ratio Lower Upper
98 100
100 63.0 50.6 76.0



#64
Chlorobenzene
Concen: 99.608 ug/l
RT: 11.773 min Scan# 3648
Delta R.T. 0.000 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37



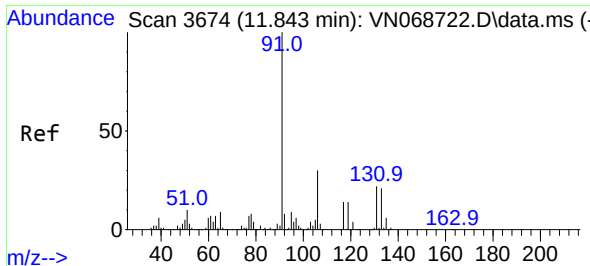
Tgt Ion: 112 Resp: 2081794
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.6



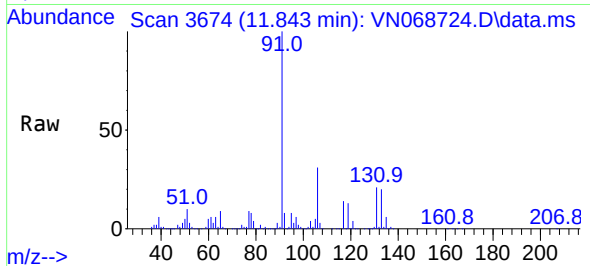
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Manual Integrations
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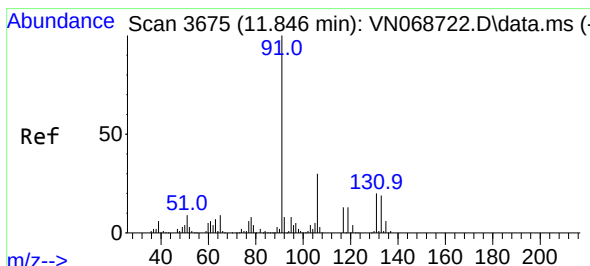
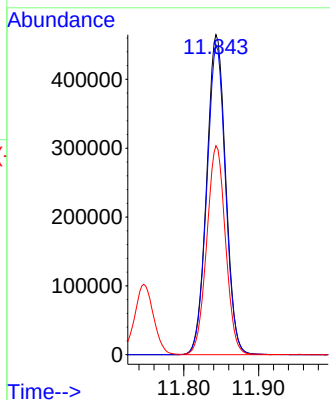
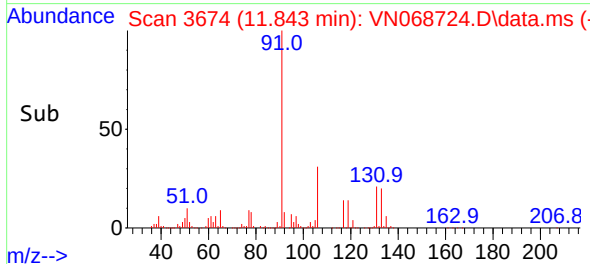
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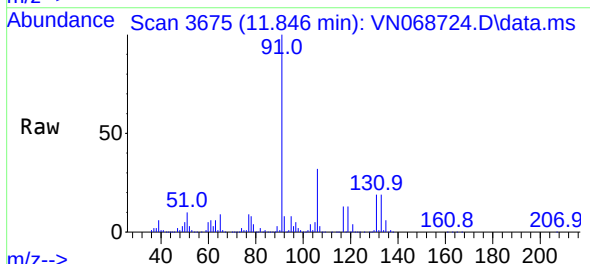
#65
1,1,1,2-Tetrachloroethane
Concen: 96.430 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37



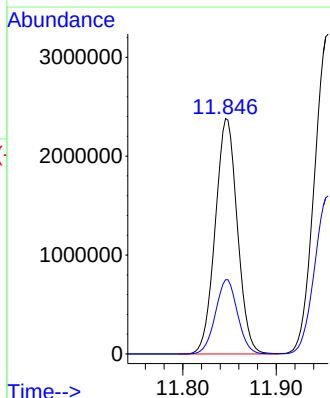
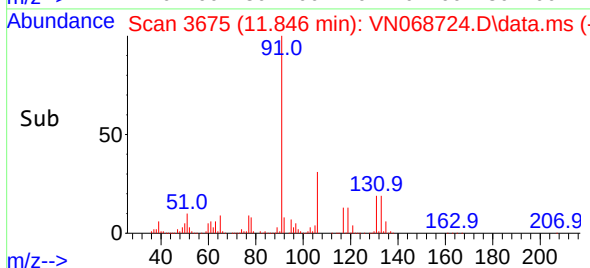
Tgt Ion:131 Resp: 821725
Ion Ratio Lower Upper
131 100
133 95.5 0.0 191.2
119 64.6 0.0 128.8



#66
Ethyl Benzene
Concen: 95.775 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.000 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37



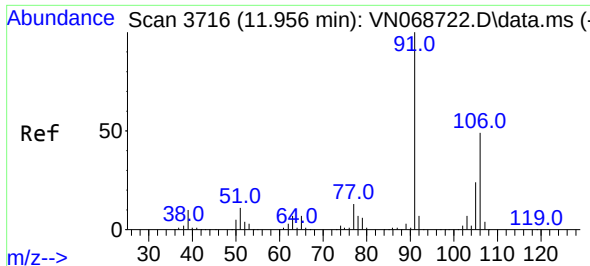
Tgt Ion: 91 Resp: 3923057
Ion Ratio Lower Upper
91 100
106 31.6 24.0 36.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Manual Integrations
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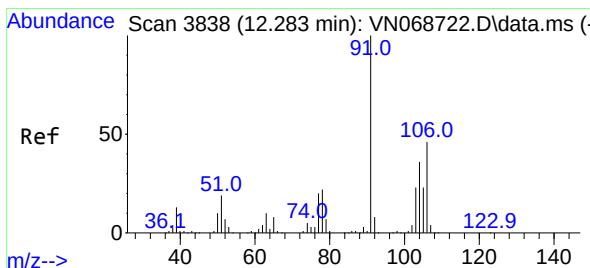
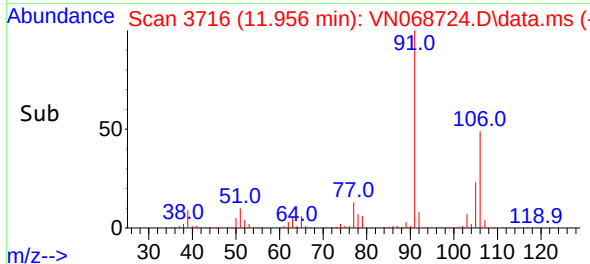
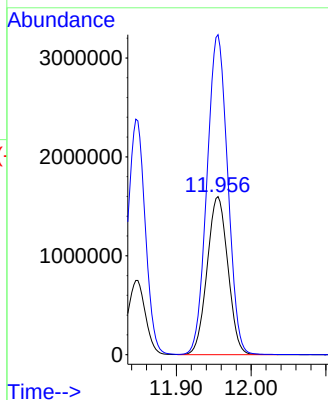
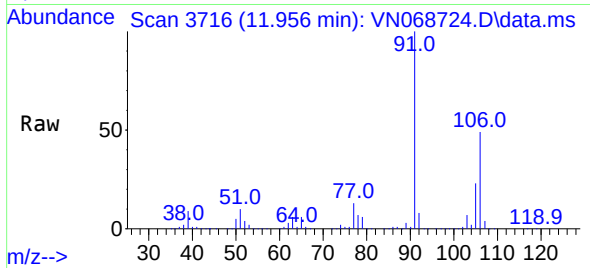
#67
m/p-Xylenes
Concen: 193.499 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.000 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:106 Resp: 3078843
Ion Ratio Lower Upper
106 100
91 202.3 162.9 244.3

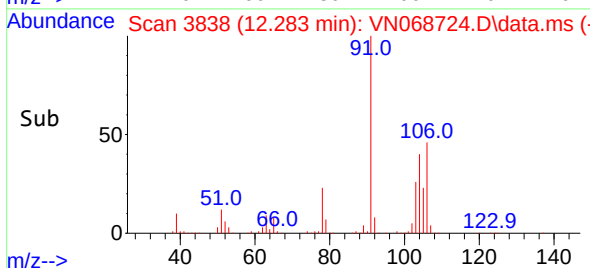
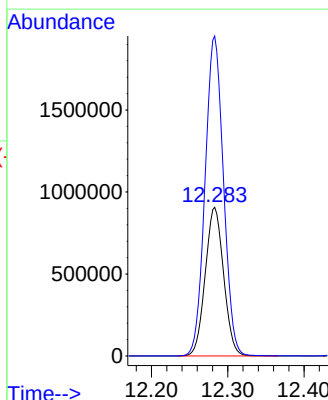
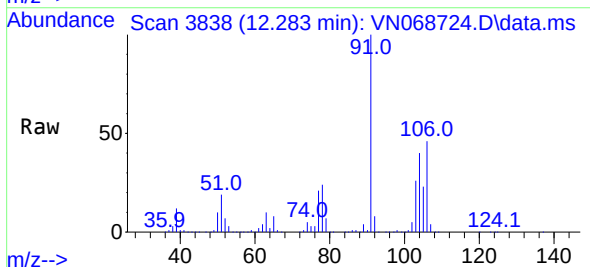
Manual Integrations
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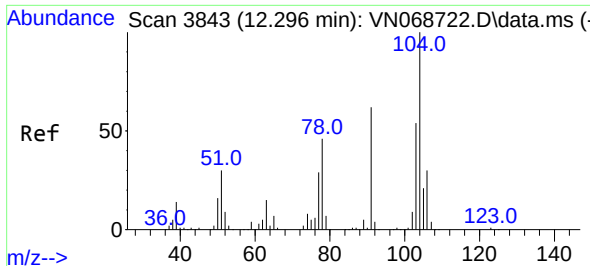
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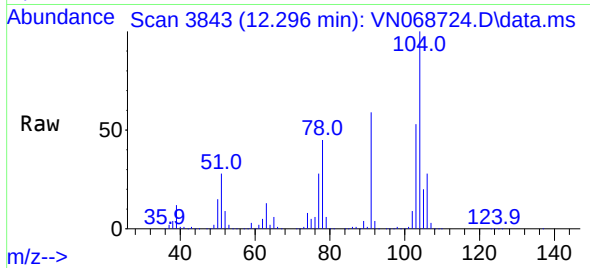
#68
o-Xylene
Concen: 93.356 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37

Tgt Ion:106 Resp: 1516567
Ion Ratio Lower Upper
106 100
91 215.3 107.7 323.1

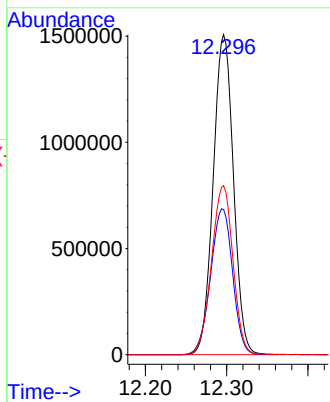
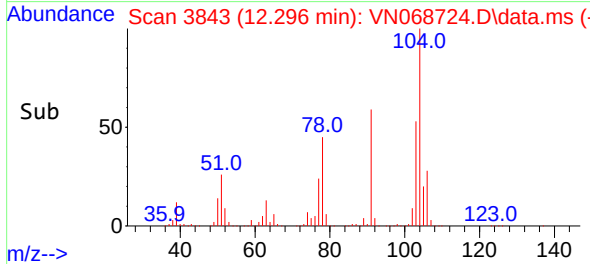




#69
Styrene
Concen: 94.939 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.000 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37



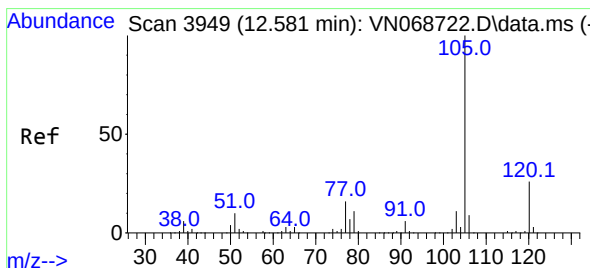
Tgt Ion:104 Resp: 2611098
Ion Ratio Lower Upper
104 100
78 49.5 40.7 61.1
103 56.3 45.8 68.8



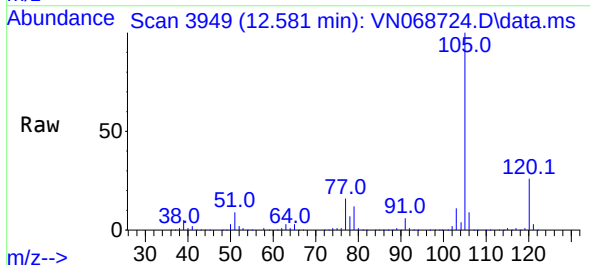
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

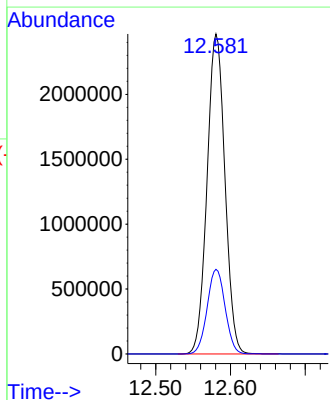
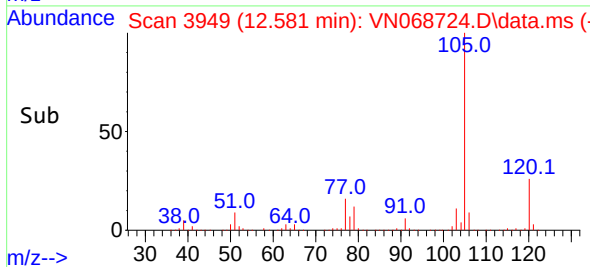
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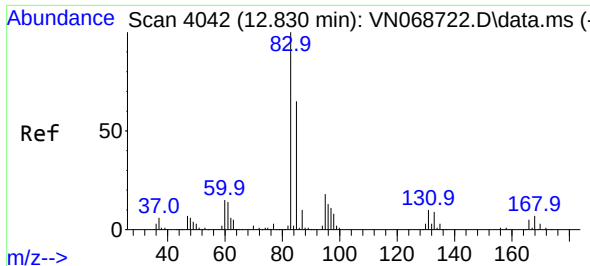


#70
Isopropylbenzene
Concen: 96.569 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37



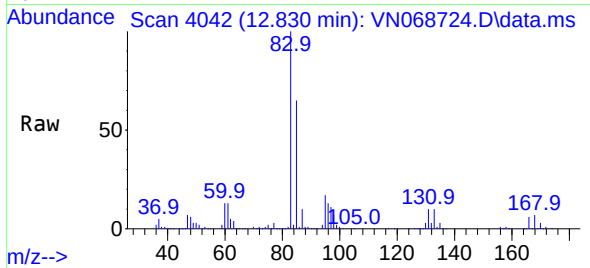
Tgt Ion:105 Resp: 4091110
Ion Ratio Lower Upper
105 100
120 26.6 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 94.321 ug/l
RT: 12.830 min Scan# 4042
Delta R.T. 0.000 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37

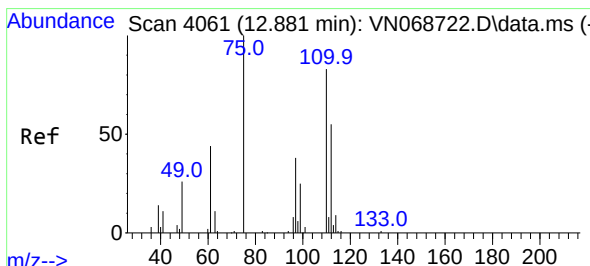
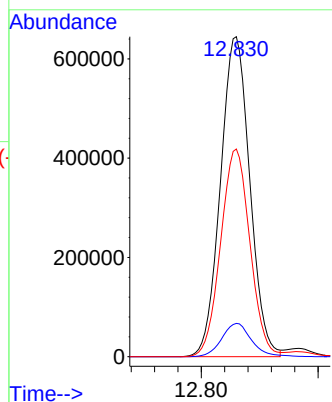
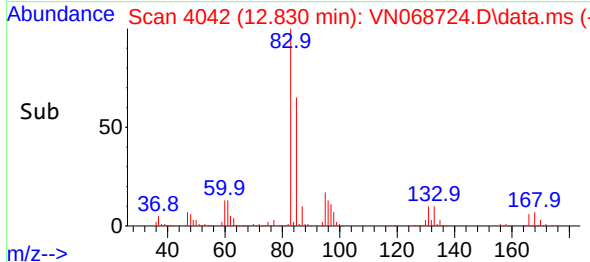
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



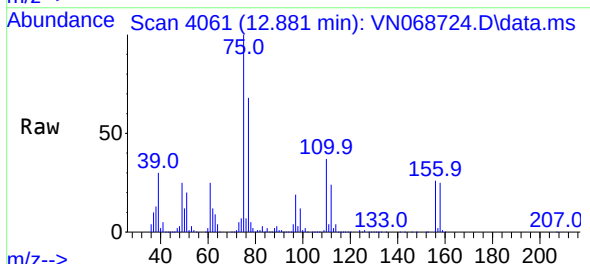
Tgt Ion: 83 Resp: 1125103
Ion Ratio Lower Upper
83 100
131 10.6 5.1 15.3
85 64.8 33.1 99.2

Manual Integrations
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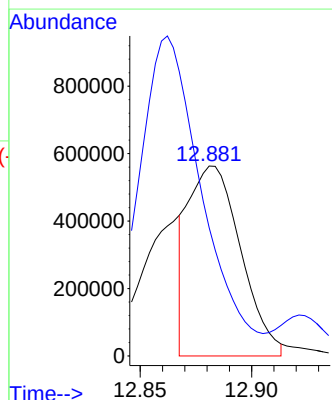
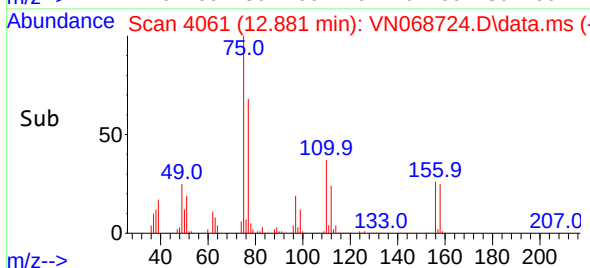
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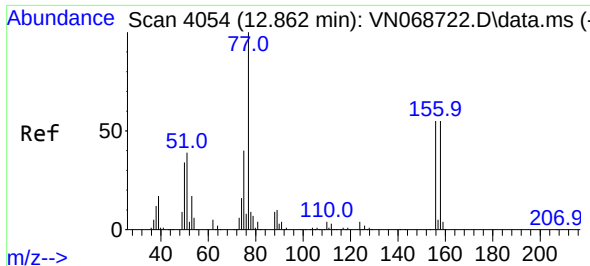


#72
1,2,3-Trichloropropane
Concen: 83.239 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37



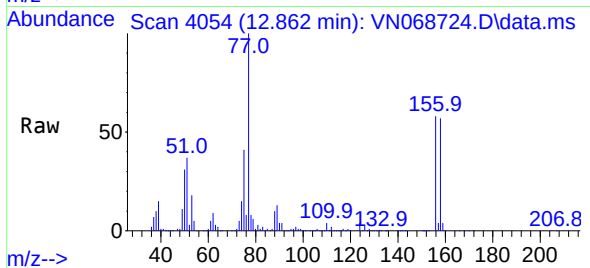
Tgt Ion: 75 Resp: 918981
Ion Ratio Lower Upper
75 100
77 203.9 0.0 378.0





#73
Bromobenzene
Concen: 101.213 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37

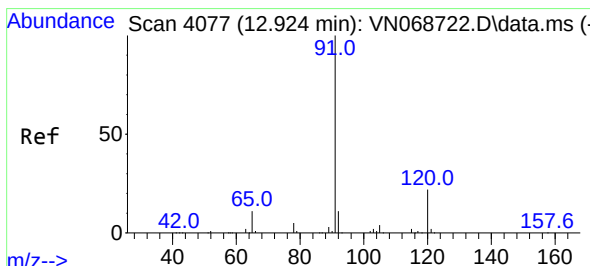
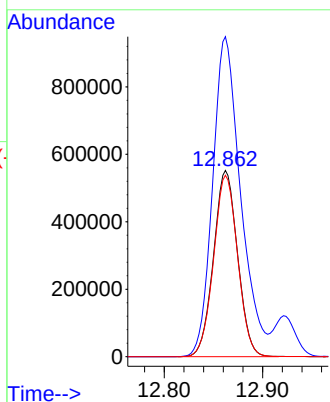
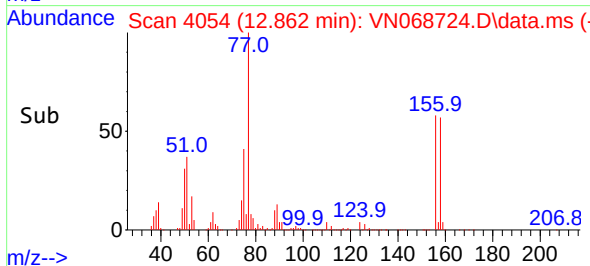
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



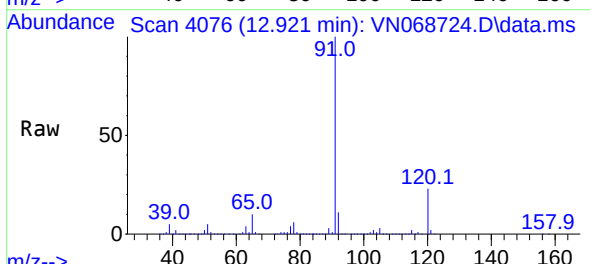
Tgt Ion:156 Resp: 938901
Ion Ratio Lower Upper
156 100
77 199.5 0.0 416.0
158 97.4 0.0 195.4

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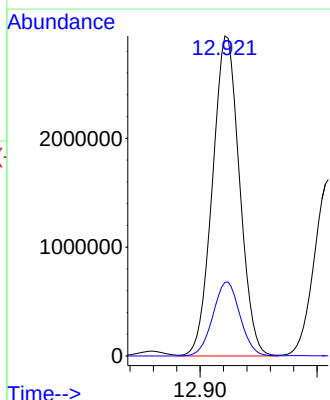
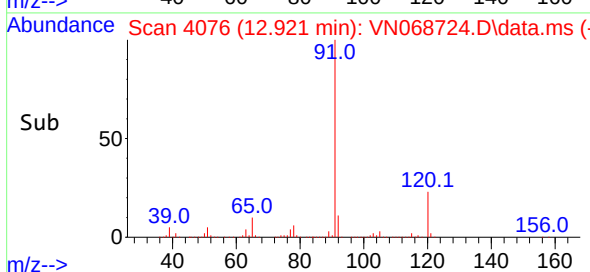
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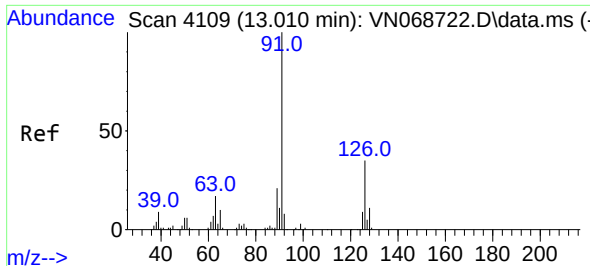


#74
n-propylbenzene
Concen: 98.819 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. -0.003 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37



Tgt Ion: 91 Resp: 4727237
Ion Ratio Lower Upper
91 100
120 23.1 0.0 45.0





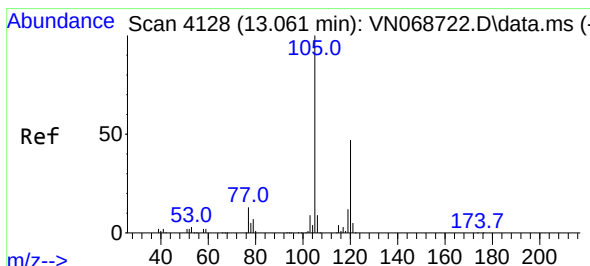
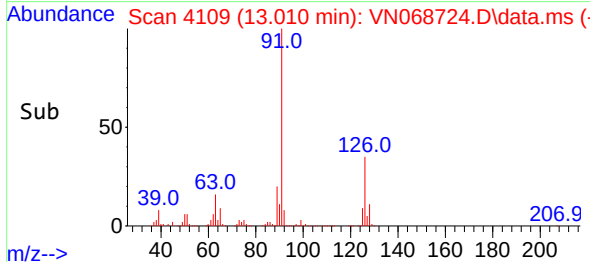
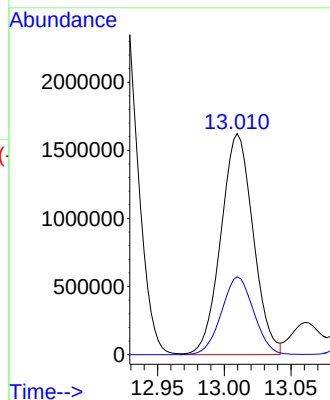
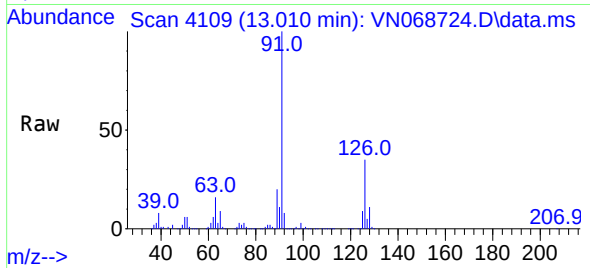
#75
2-Chlorotoluene
Concen: 100.173 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. 0.000 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37

Tgt Ion: 91 Resp: 2731658
Ion Ratio Lower Upper
91 100
126 35.2 0.0 69.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

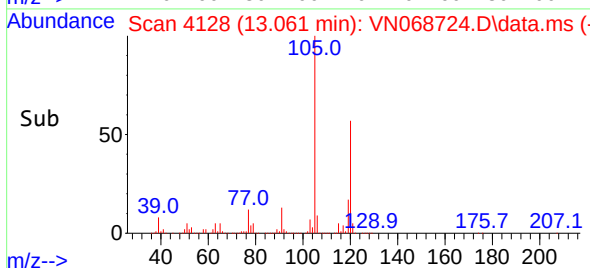
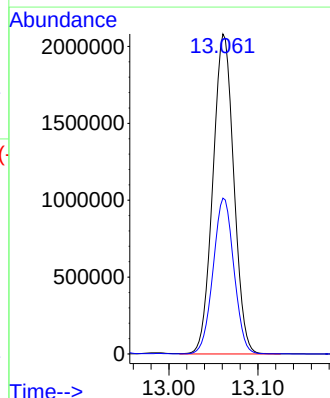
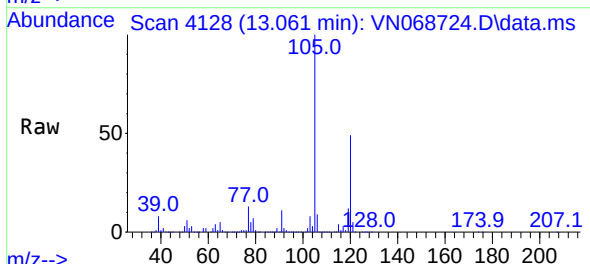
Manual Integrations
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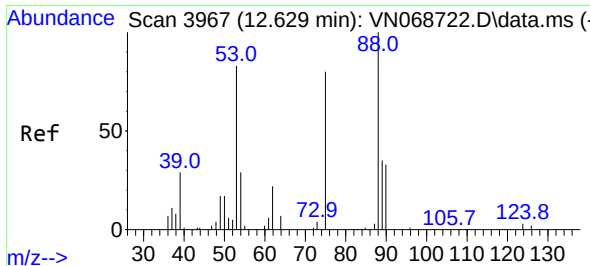
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#76
1,3,5-Trimethylbenzene
Concen: 104.043 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37

Tgt Ion:105 Resp: 3390658
Ion Ratio Lower Upper
105 100
120 48.5 0.0 93.8





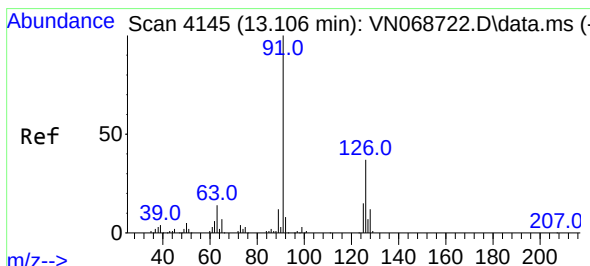
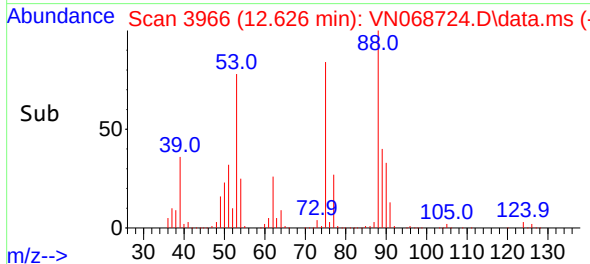
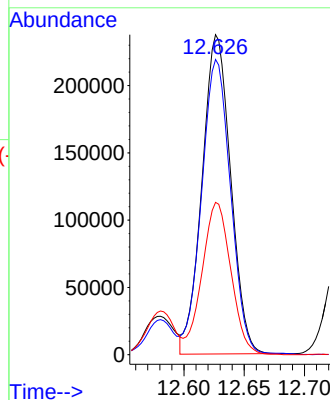
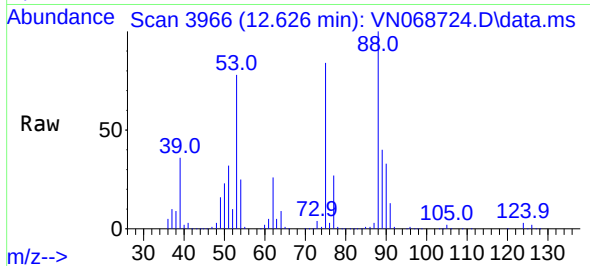
#77
t-1,4-Dichloro-2-butene
Concen: 94.985 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. -0.003 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37

Tgt Ion: 75 Resp: 392020
Ion Ratio Lower Upper
75 100
53 92.1 51.8 155.5
89 47.7 22.9 68.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

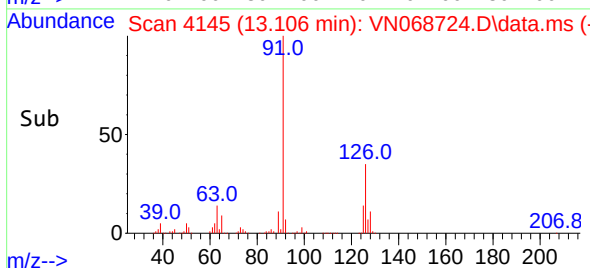
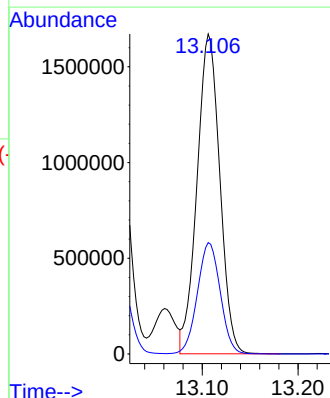
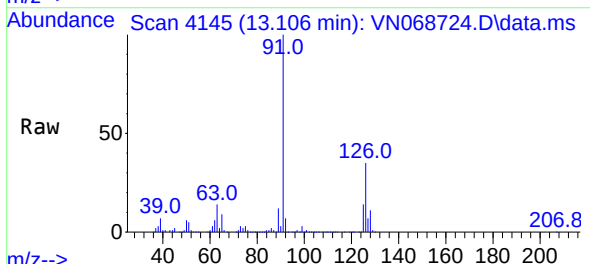
Manual Integrations
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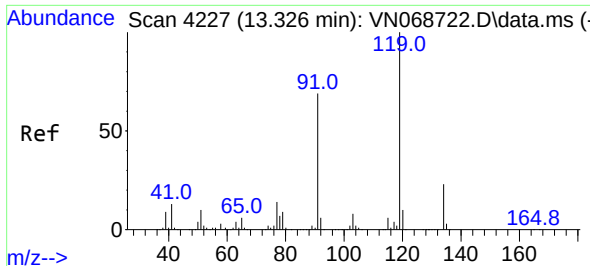
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#78
4-Chlorotoluene
Concen: 103.436 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37

Tgt Ion: 91 Resp: 2756757
Ion Ratio Lower Upper
91 100
126 35.1 0.0 70.6





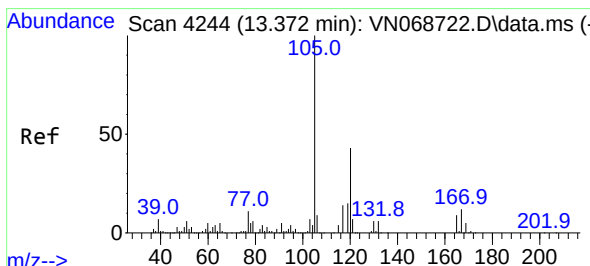
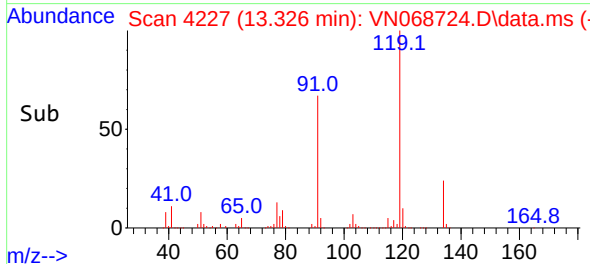
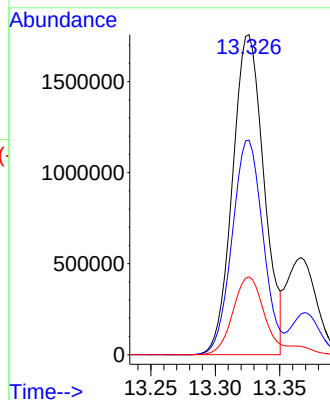
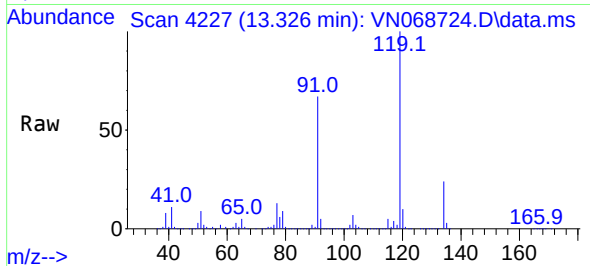
#79
tert-butylbenzene
Concen: 107.359 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. 0.000 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37

Tgt Ion:119 Resp: 2984436
Ion Ratio Lower Upper
119 100
91 66.2 0.0 137.0
134 24.5 0.0 47.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

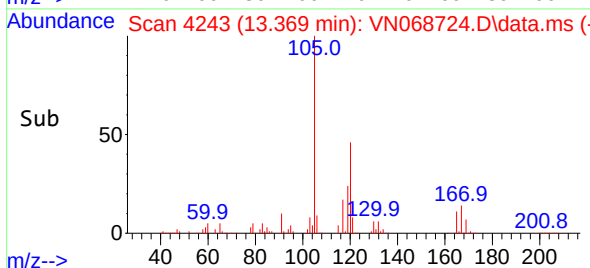
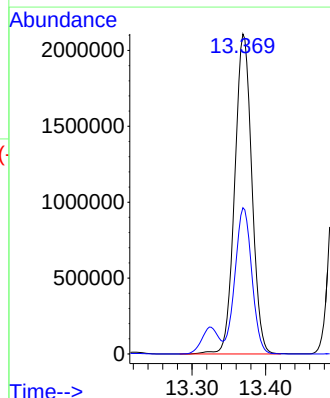
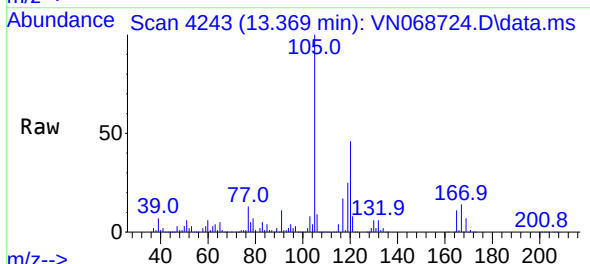
Manual Integrations
APPROVED

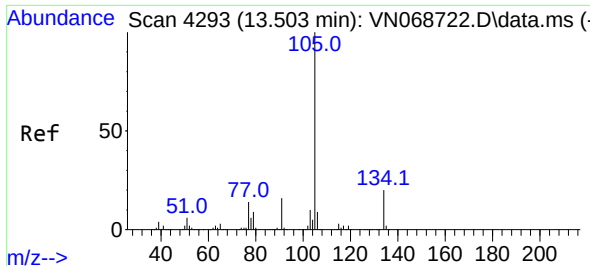
MMDadoda
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#80
1,2,4-Trimethylbenzene
Concen: 111.986 ug/l m
RT: 13.369 min Scan# 4243
Delta R.T. -0.003 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37

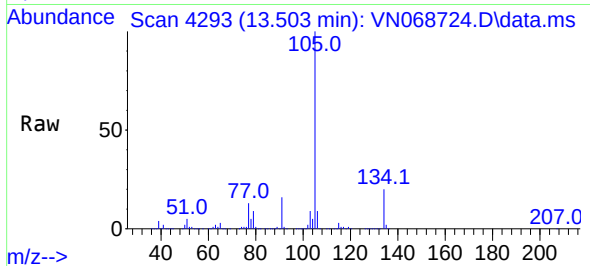
Tgt Ion:105 Resp: 3405363
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.2





#81
sec-Butylbenzene
Concen: 115.516 ug/l
RT: 13.503 min Scan# 4293
Delta R.T. 0.000 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37

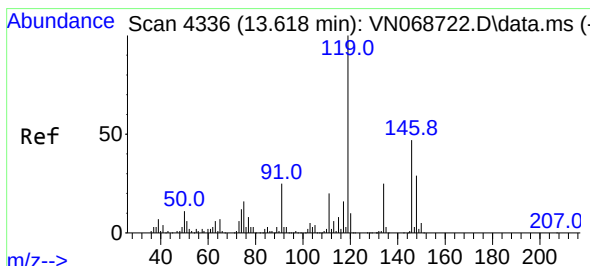
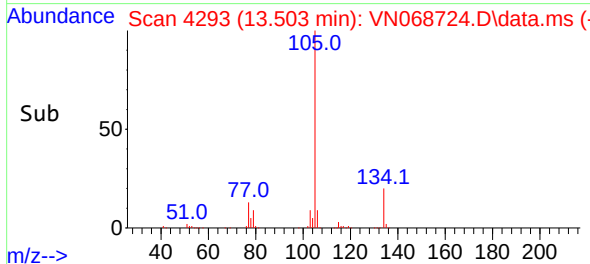
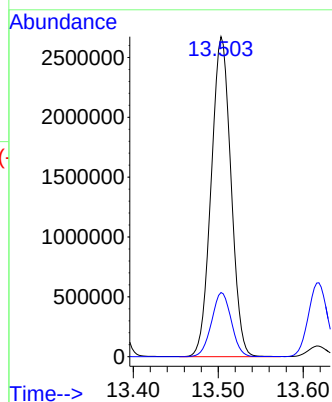
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



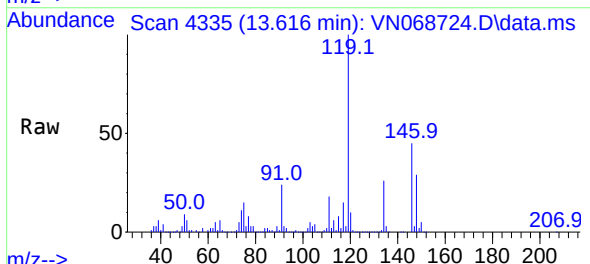
Tgt Ion:105 Resp: 4317068
Ion Ratio Lower Upper
105 100
134 20.0 0.0 39.4

Manual Integrations
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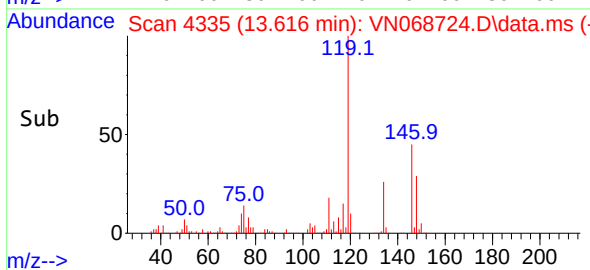
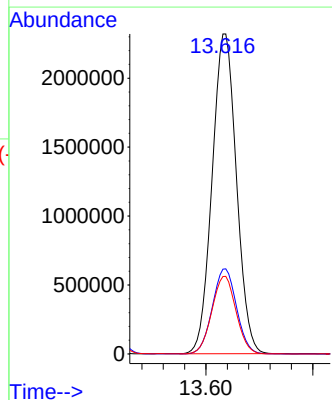
MMDadoda
9/30/2021 12:17:32 PM

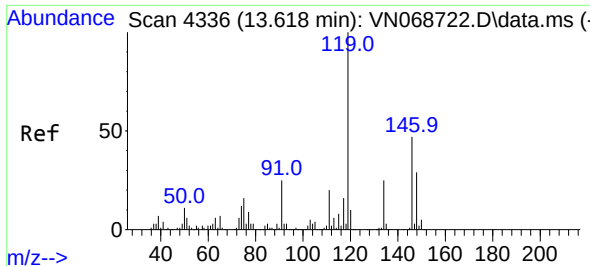


#82
p-Isopropyltoluene
Concen: 109.103 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. -0.003 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37

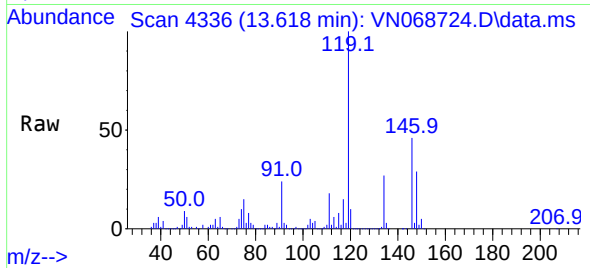


Tgt Ion:119 Resp: 3664856
Ion Ratio Lower Upper
119 100
134 26.4 0.0 51.8
91 24.2 0.0 50.4

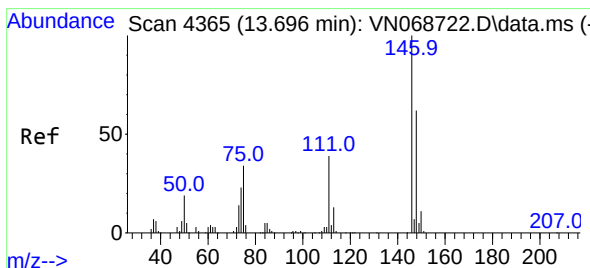
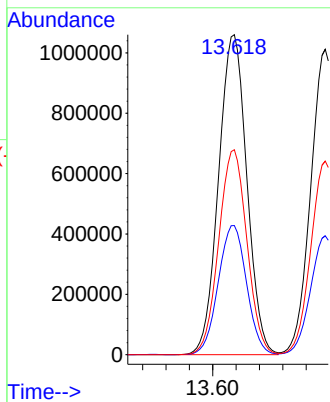
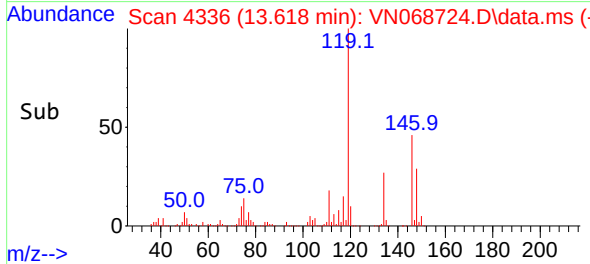




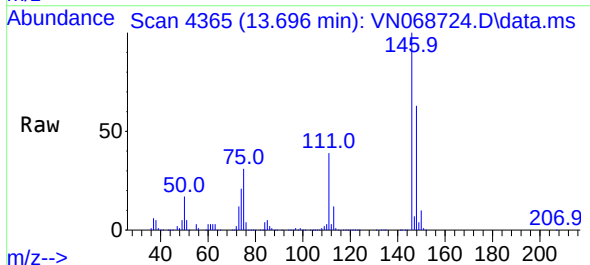
#83
1,3-Dichlorobenzene
Concen: 110.768 ug/l
RT: 13.618 min Scan# 4336
Delta R.T. 0.000 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37



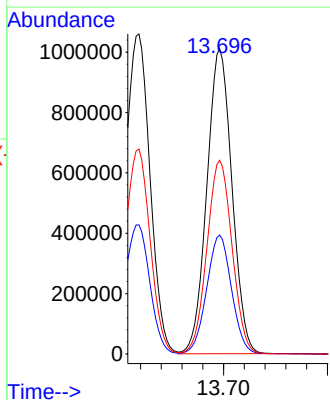
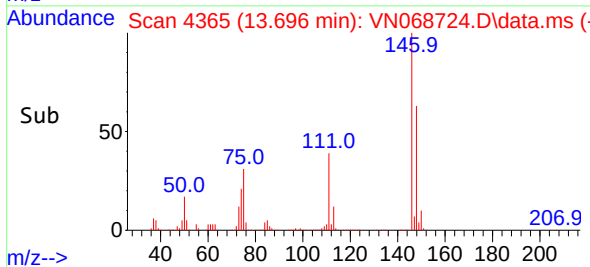
Tgt Ion:146 Resp: 1784158
Ion Ratio Lower Upper
146 100
111 40.5 20.8 62.2
148 63.9 31.4 94.3



#84
1,4-Dichlorobenzene
Concen: 114.404 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37



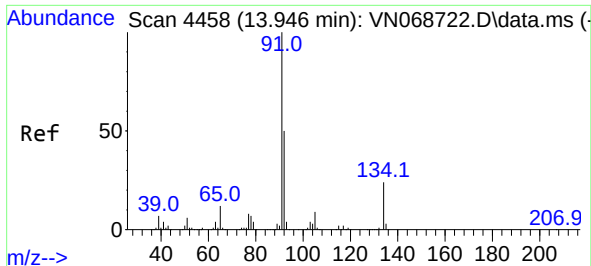
Tgt Ion:146 Resp: 1699797
Ion Ratio Lower Upper
146 100
111 38.6 19.5 58.5
148 63.7 31.1 93.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

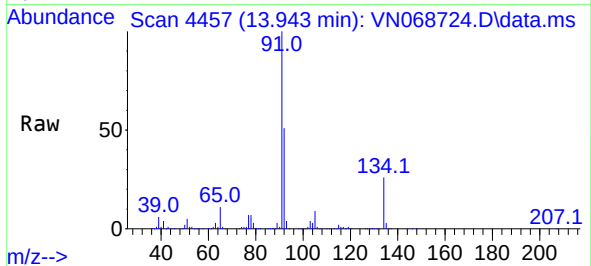
Manual Integrations
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#85
n-Butylbenzene
Concen: 113.583 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. -0.003 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37

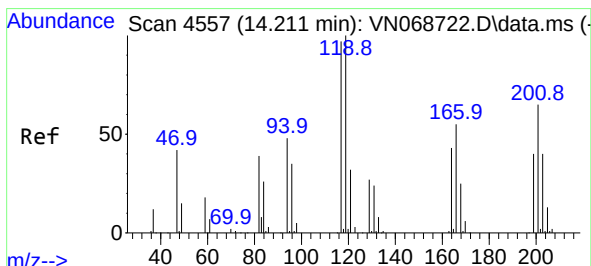
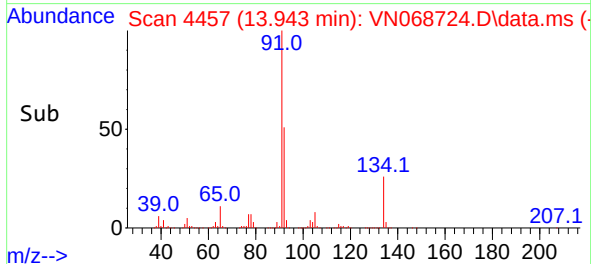
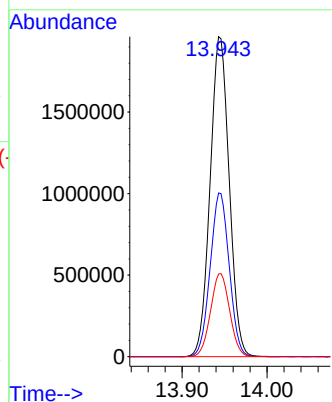
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 91 Resp: 3053120
Ion Ratio Lower Upper
91 100
92 51.2 0.0 100.6
134 26.1 0.0 50.2

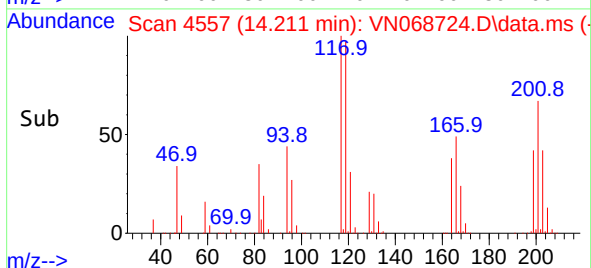
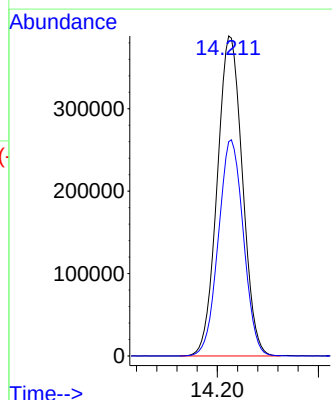
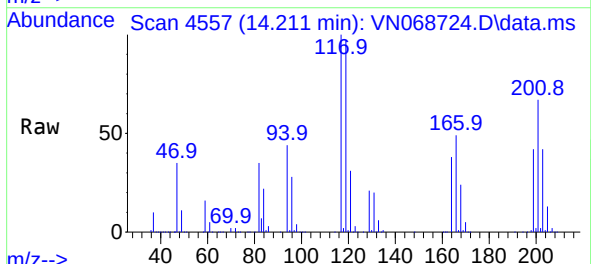
Manual Integrations
APPROVED

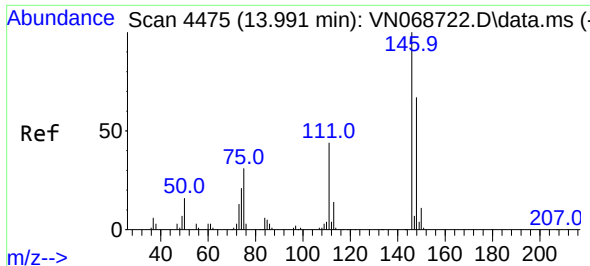
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#86
Hexachloroethane
Concen: 107.651 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37

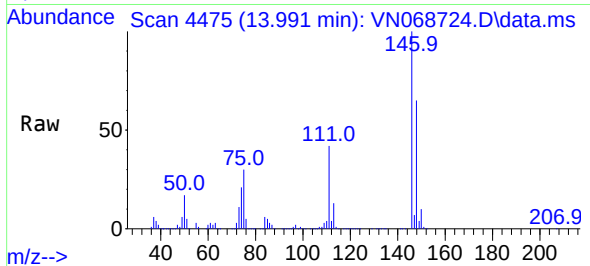
Tgt Ion: 117 Resp: 671919
Ion Ratio Lower Upper
117 100
201 67.1 33.3 99.8





#87
1,2-Dichlorobenzene
Concen: 111.755 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. 0.000 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37

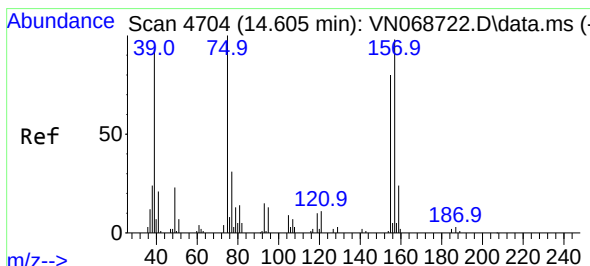
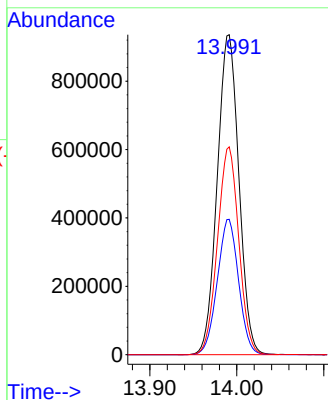
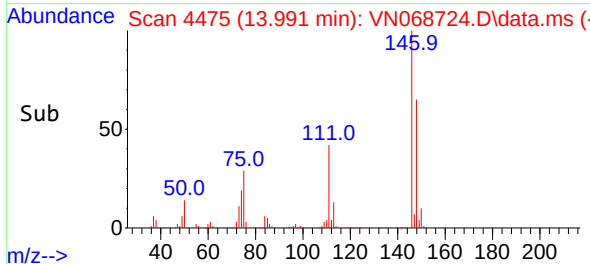
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100



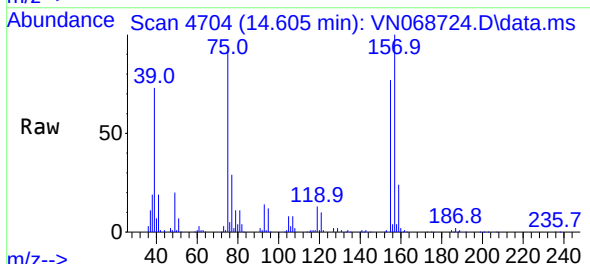
Tgt Ion:146 Resp: 1618782
Ion Ratio Lower Upper
146 100
111 41.7 21.4 64.2
148 64.0 32.5 97.4

Manual Integrations
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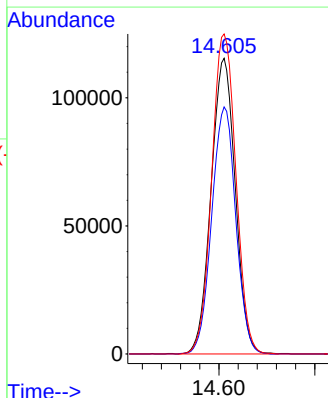
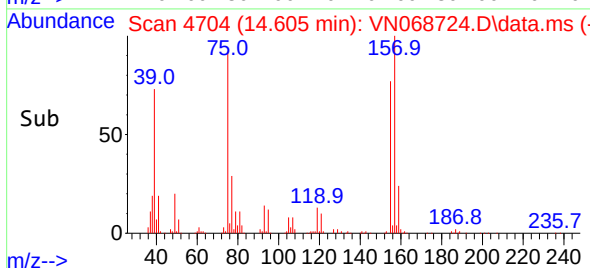
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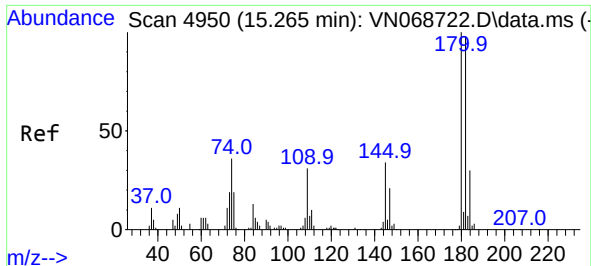


#88
1,2-Dibromo-3-Chloropropane
Concen: 88.326 ug/l
RT: 14.605 min Scan# 4704
Delta R.T. 0.000 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37

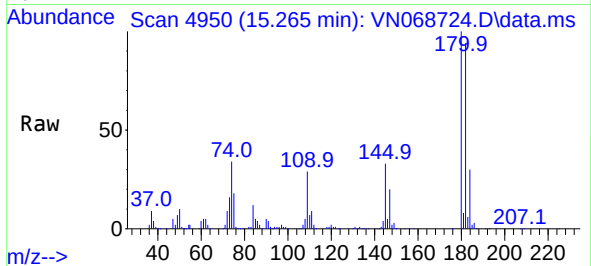


Tgt Ion: 75 Resp: 202669
Ion Ratio Lower Upper
75 100
155 83.1 63.8 95.8
157 108.1 77.9 116.9

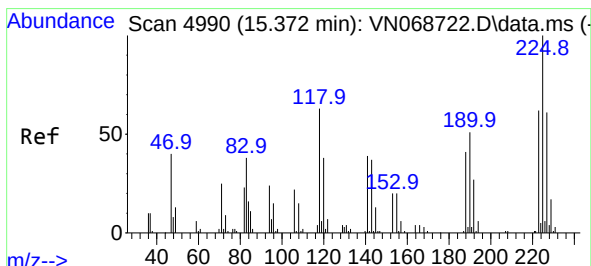
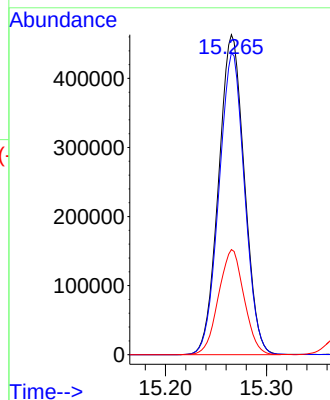
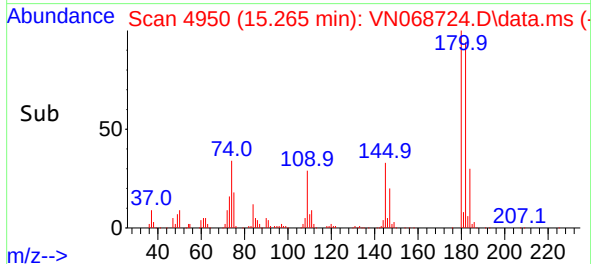




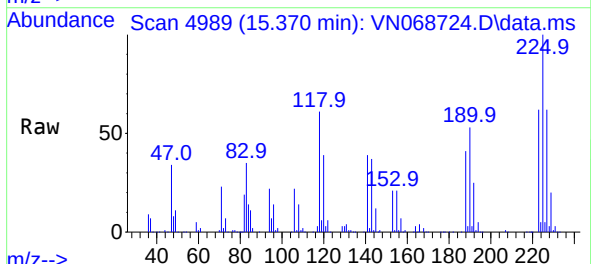
#89
1,2,4-Trichlorobenzene
Concen: 111.518 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37



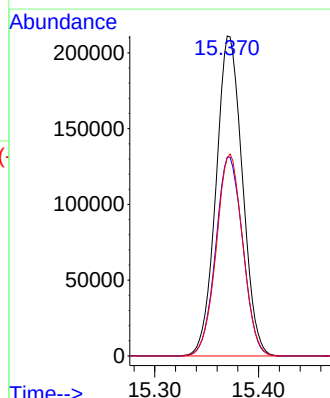
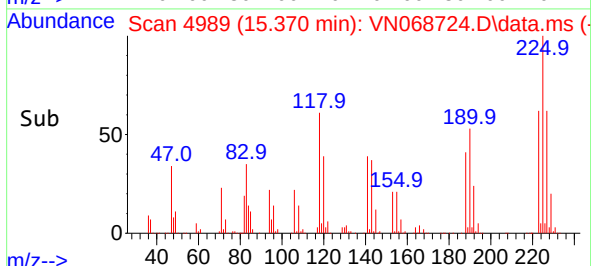
Tgt Ion:180 Resp: 819020
Ion Ratio Lower Upper
180 100
182 93.7 77.7 116.5
145 32.6 26.6 39.8



#90
Hexachlorobutadiene
Concen: 94.740 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. -0.003 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37



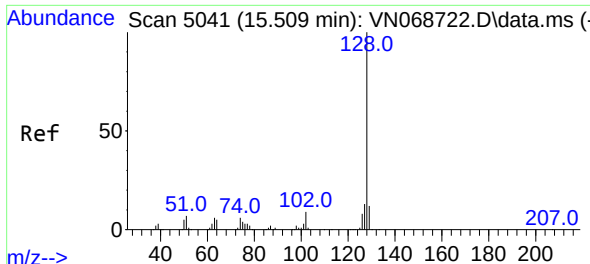
Tgt Ion:225 Resp: 372404
Ion Ratio Lower Upper
225 100
223 63.8 0.0 126.8
227 63.3 0.0 123.0



Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

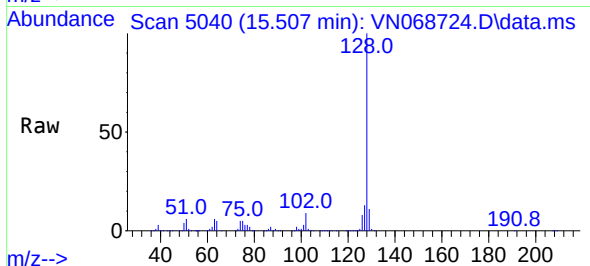
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#91
Naphthalene
Concen: 115.639 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.003 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

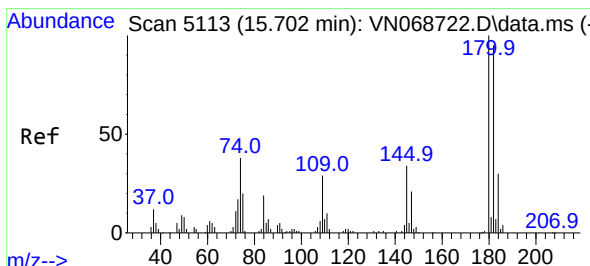
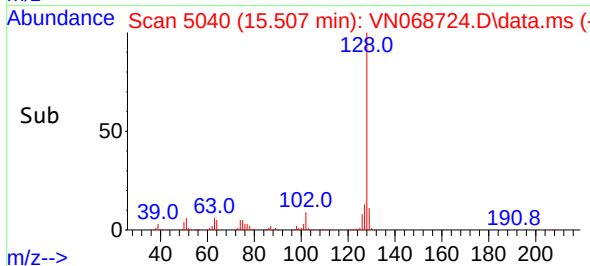
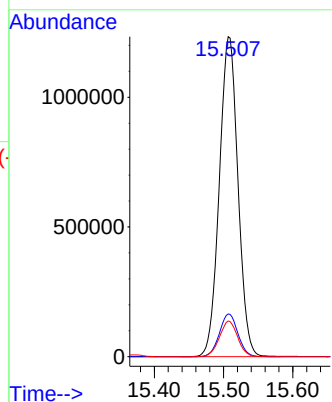


Tgt Ion:128 Resp: 2306274

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.7	16.1
129	10.9	9.0	13.6

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 109.011 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.000 min
Lab File: VN068724.D
Acq: 28 Sep 2021 16:37

Tgt Ion:180 Resp: 763587

Ion	Ratio	Lower	Upper
180	100		
182	95.4	0.0	190.0
145	33.8	0.0	67.8

