

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100521\
 Data File : VN068800.D
 Acq On : 5 Oct 2021 13:12
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

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 10/6/2021 7:02:44 PM

Quant Time: Oct 05 15:51:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N092821W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 29 08:56:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.659	128	81369	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	431878	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.747	117	416906	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.437	65	200598	31.98	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 106.60%			
60) 4-Bromofluorobenzene	12.734	95	191050	29.33	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 97.77%			
63) Toluene-d8	10.443	98	580324	30.80	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 102.67%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.075	85	64284	17.81	ug/l	95
3) Chloromethane	2.303	50	87460	18.94	ug/l	95
4) Vinyl Chloride	2.446	62	164423	18.26	ug/l	99
5) Bromomethane	2.853	94	174177	19.93	ug/l	97
6) Chloroethane	3.019	64	151525	20.70	ug/l	95
7) Trichlorofluoromethane	3.376	101	146754	19.54	ug/l	96
8) Diethyl Ether	3.832	74	55751	21.68	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.221	101	83671	19.24	ug/l #	72
10) 1,1-Dichloroethene	4.192	96	73733	18.38	ug/l	96
11) Methyl Iodide	4.428	142	101973	21.07	ug/l	98
12) Methyl Acetate	4.857	43	148088	21.37	ug/l	99
13) Acrolein	4.044	56	23804	81.83	ug/l	95
14) Acrylonitrile	5.557	53	231774	104.15	ug/l	98
15) Acetone	4.285	58	65799	106.74	ug/l	95
16) Carbon Disulfide	4.537	76	190131	17.50	ug/l	97
17) Allyl chloride	4.846	41	123218	19.33	ug/l	96
18) Methylene Chloride	5.101	84	102724	20.38	ug/l	97
19) trans-1,2-Dichloroethene	5.605	96	87355	18.42	ug/l	95
20) Diisopropyl ether	6.498	45	301917	20.37	ug/l	99
21) 1,1-Dichloroethane	6.393	63	172636	20.06	ug/l	99
22) cis-1,2-Dichloroethene	7.329	96	113950	19.75	ug/l	96
23) tert-Butyl Alcohol	5.369	59	91979m	111.39	ug/l	
24) Methyl tert-Butyl Ether	5.618	73	325131	20.63	ug/l	99
25) Chloroform	7.818	83	209020	20.60	ug/l	98
26) Cyclohexane	8.099	56	133153	17.78	ug/l #	99
29) 1,1-Dichloropropene	8.223	75	134050	19.53	ug/l	97
30) 2-Butanone	7.332	43	341395	110.75	ug/l	99
31) 2,2-Dichloropropane	7.327	77	153789	19.50	ug/l	99
32) 1,1,1-Trichloroethane	8.013	97	179180	20.37	ug/l	98
33) Carbon Tetrachloride	8.209	117	156587	20.03	ug/l	98
34) Benzene	8.461	78	426324	20.94	ug/l	97
35) Methacrylonitrile	7.638	41	66784	21.62	ug/l	98
36) 1,2-Dichloroethane	8.531	62	173245	22.74	ug/l	100
37) Trichloroethene	9.218	130	106345	19.75	ug/l	88
38) Methylcyclohexane	9.462	83	155659	18.32	ug/l	100
39) 1,2-Dichloropropane	9.491	63	108662	21.55	ug/l	98
40) Dibromomethane	9.577	93	90020	22.61	ug/l	96
41) Bromodichloromethane	9.765	83	170516	21.85	ug/l	96
42) Vinyl Acetate	6.434	43	1229392	107.70	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.413	43	135917	22.06	ug/l	100
44) Isopropyl Acetate	8.560	43	241762	21.66	ug/l	98
45) 1,4-Dioxane	9.569	88	45978	508.80	ug/l	99
46) Methyl methacrylate	9.561	41	104654	21.20	ug/l	98
47) n-amyl Acetate	12.388	43	195237	20.66	ug/l	98
48) t-1,3-Dichloropropene	10.722	75	171641	20.24	ug/l	100
49) cis-1,3-Dichloropropene	10.191	75	177757	20.50	ug/l	99
50) 1,1,2-Trichloroethane	10.902	97	118820	21.54	ug/l	97
51) Ethyl methacrylate	10.762	69	170213	20.49	ug/l	98
52) 1,3-Dichloropropane	11.044	76	196869	22.05	ug/l	98
53) Dibromochloromethane	11.240	129	133528	21.31	ug/l	99
54) 1,2-Dibromoethane	11.347	107	122195	21.11	ug/l	94
55) 2-Chloroethyl vinyl ether	10.044	63	177477	76.50	ug/l	99
56) Bromoform	12.457	173	91095	20.16	ug/l #	99
58) 4-Methyl-2-Pentanone	10.331	43	771162	109.59	ug/l	99
59) 2-Hexanone	11.087	43	563166	109.87	ug/l	98
61) Tetrachloroethene	10.980	164	99972	20.46	ug/l	96
62) Toluene	10.508	91	508378	20.40	ug/l	98
64) Chlorobenzene	11.771	112	312885	20.46	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.843	131	123656	20.84	ug/l	98
66) Ethyl Benzene	11.846	91	554756	19.75	ug/l	98
67) m/p-Xylenes	11.956	106	426996	39.37	ug/l	99
68) o-Xylene	12.283	106	207528	19.44	ug/l	99
69) Styrene	12.296	104	346963	19.69	ug/l	100
70) Isopropylbenzene	12.581	105	545203	19.26	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.827	83	177563	22.26	ug/l	99
72) 1,2,3-Trichloropropane	12.881	75	143422m	22.19	ug/l	
73) Bromobenzene	12.862	156	127251	19.86	ug/l	97
74) n-propylbenzene	12.921	91	635948	19.59	ug/l	99
75) 2-Chlorotoluene	13.010	91	377072	19.90	ug/l	98
76) 1,3,5-Trimethylbenzene	13.061	105	460200	19.68	ug/l	98
77) t-1,4-Dichloro-2-butene	12.629	75	48677	19.31	ug/l	96
78) 4-Chlorotoluene	13.106	91	364446	19.42	ug/l	98
79) tert-butylbenzene	13.326	119	394821	19.35	ug/l	98
80) 1,2,4-Trimethylbenzene	13.369	105	451754	19.49	ug/l #	81
81) sec-Butylbenzene	13.503	105	561395	19.19	ug/l	99
82) p-Isopropyltoluene	13.619	119	455584	18.80	ug/l	100
83) 1,3-Dichlorobenzene	13.616	146	235907	19.84	ug/l	99
84) 1,4-Dichlorobenzene	13.696	146	223112	19.73	ug/l	98
85) n-Butylbenzene	13.943	91	369461	18.53	ug/l	99
86) Hexachloroethane	14.211	117	88720	19.45	ug/l	98
87) 1,2-Dichlorobenzene	13.991	146	227152	20.66	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.603	75	31286	21.93	ug/l	97
89) 1,2,4-Trichlorobenzene	15.265	180	100019	18.52	ug/l	97
90) Hexachlorobutadiene	15.370	225	53328	19.81	ug/l	97
91) Naphthalene	15.507	128	274200	17.99	ug/l	99
92) 1,2,3-Trichlorobenzene	15.703	180	101395	19.58	ug/l	99

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

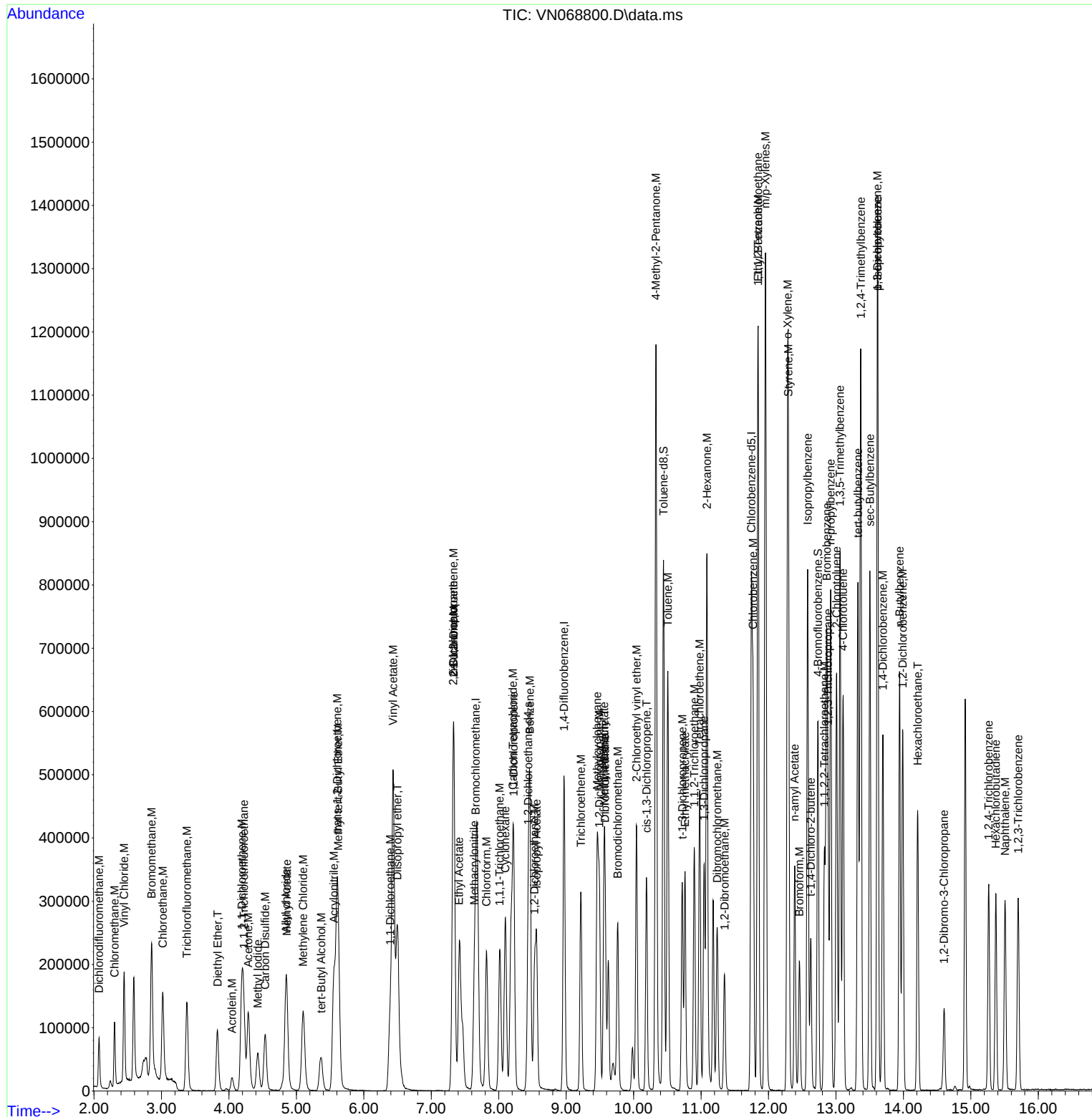
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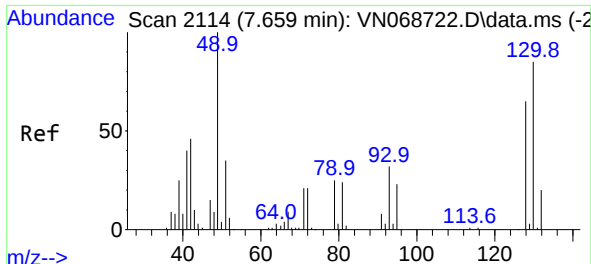
Instrument :
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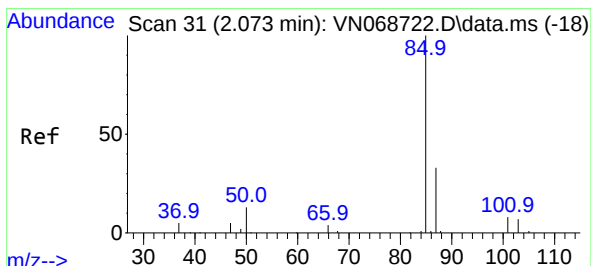
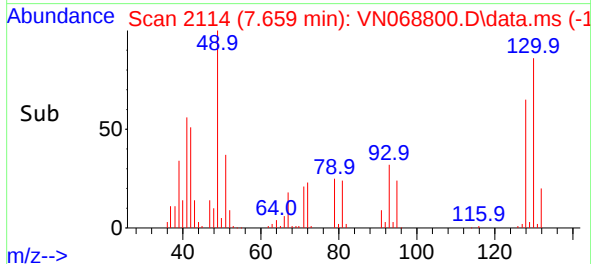
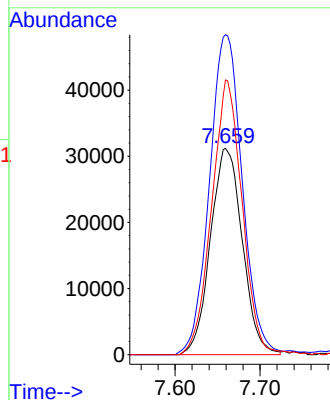
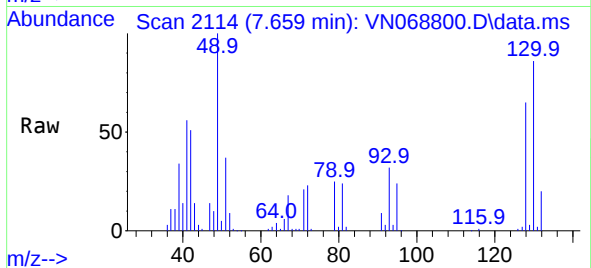
#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12

Tgt Ion:	128	Resp:	81369
Ion Ratio	Lower	Upper	
128	100		
49	159.1	0.0	392.3
130	126.9	0.0	320.2

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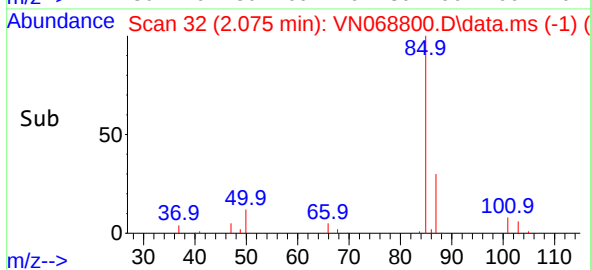
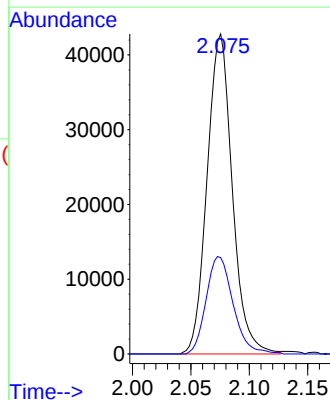
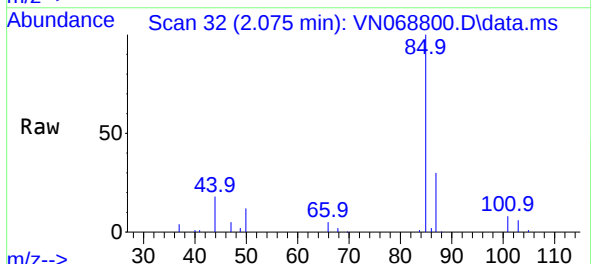
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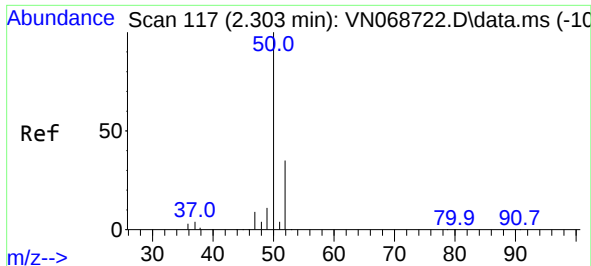
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#2
Dichlorodifluoromethane
Concen: 17.81 ug/l
RT: 2.075 min Scan# 32
Delta R.T. 0.002 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12

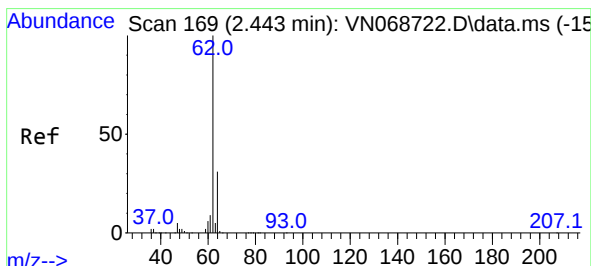
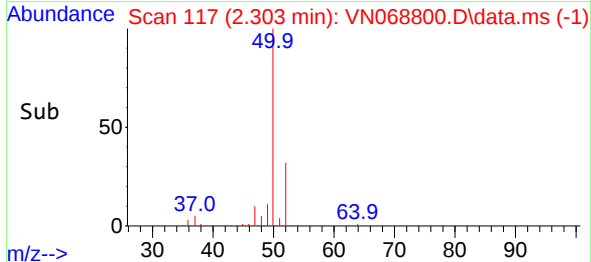
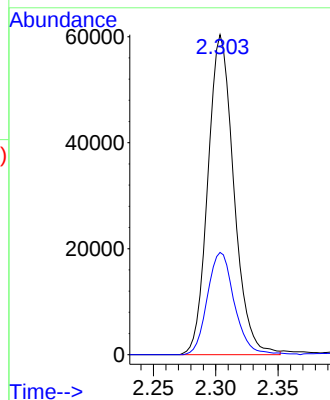
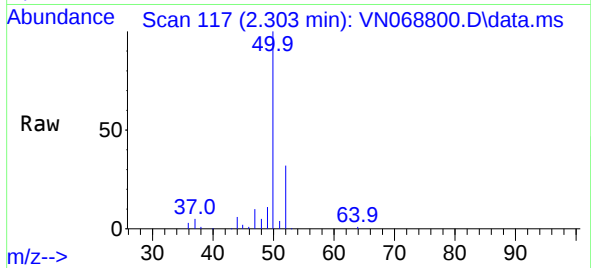
Tgt Ion:	85	Resp:	64284
Ion Ratio	Lower	Upper	
85	100		
87	30.1	16.6	49.7





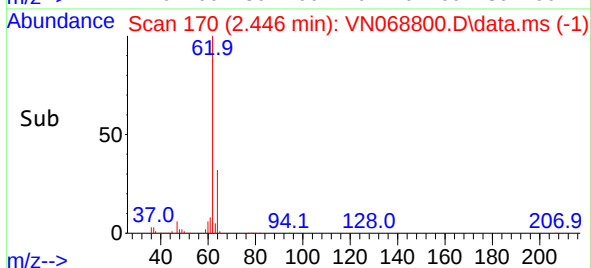
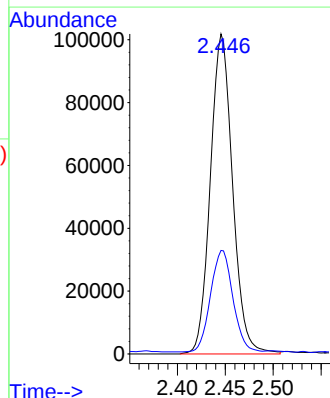
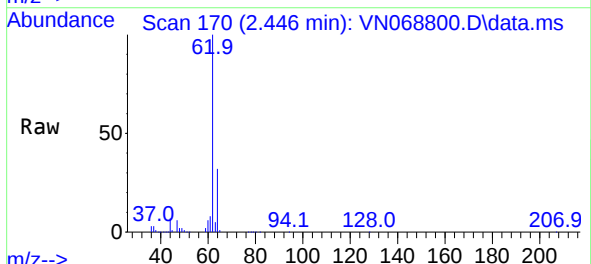
#3
Chloromethane
Concen: 18.94 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12

Tgt Ion: 50 Resp: 87460
Ion Ratio Lower Upper
50 100
52 32.0 27.8 41.6



#4
Vinyl Chloride
Concen: 18.26 ug/l
RT: 2.446 min Scan# 170
Delta R.T. 0.003 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12

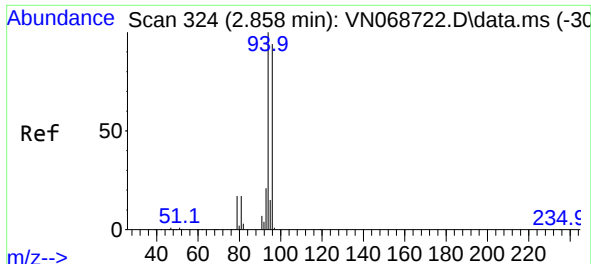
Tgt Ion: 62 Resp: 164423
Ion Ratio Lower Upper
62 100
64 31.7 25.1 37.7



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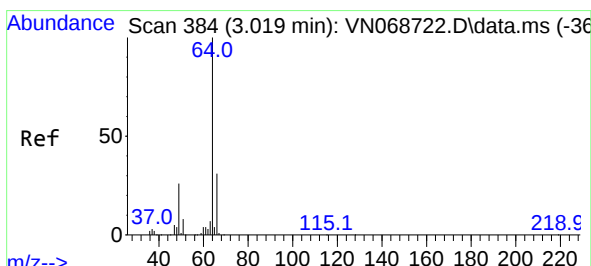
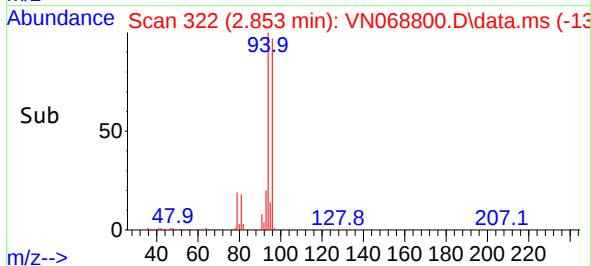
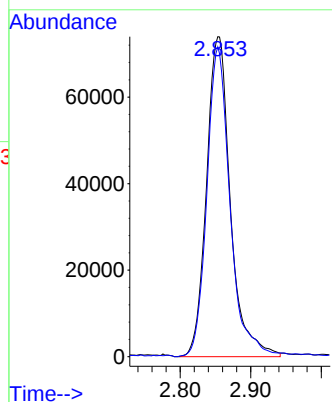
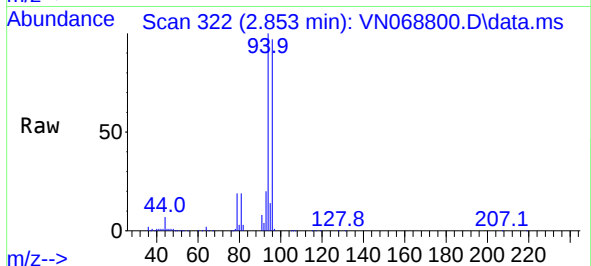
#5
Bromomethane
Concen: 19.93 ug/l
RT: 2.853 min Scan# 322
Delta R.T. -0.005 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12

Tgt Ion: 94 Resp: 174177
Ion Ratio Lower Upper
94 100
96 96.6 75.2 112.8

Instrument :
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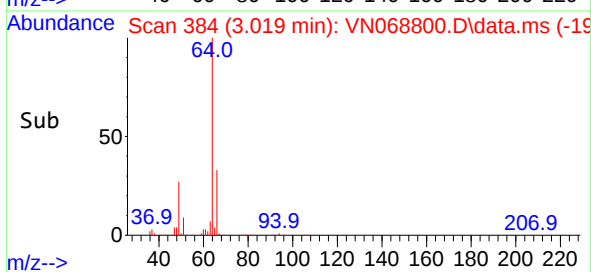
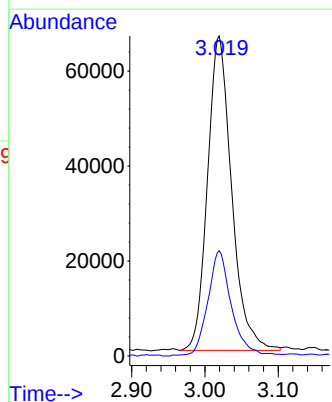
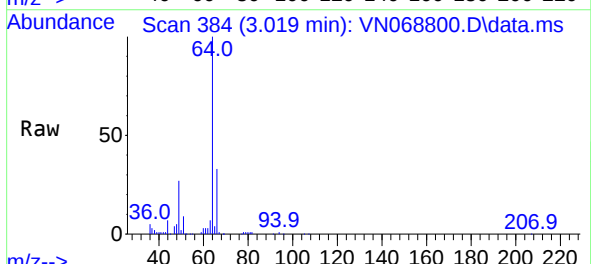
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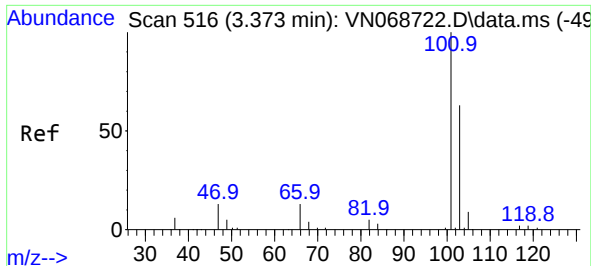
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#6
Chloroethane
Concen: 20.70 ug/l
RT: 3.019 min Scan# 384
Delta R.T. 0.000 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12

Tgt Ion: 64 Resp: 151525
Ion Ratio Lower Upper
64 100
66 33.2 24.6 36.8





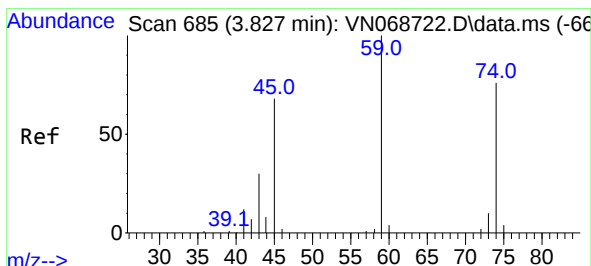
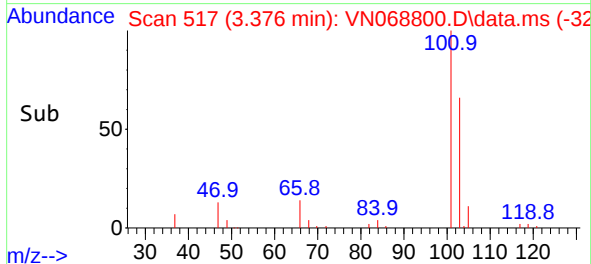
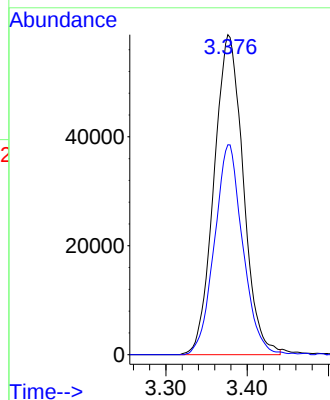
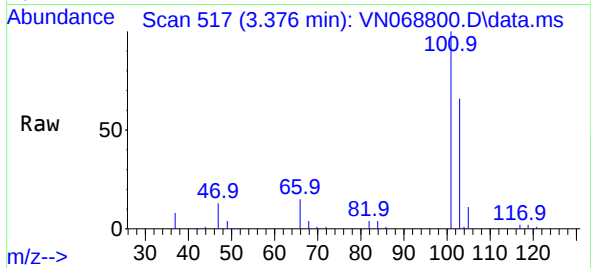
#7
Trichlorofluoromethane
Concen: 19.54 ug/l
RT: 3.376 min Scan# 517
Delta R.T. 0.003 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12

Tgt Ion:101 Resp: 146754
Ion Ratio Lower Upper
101 100
103 65.6 50.1 75.1

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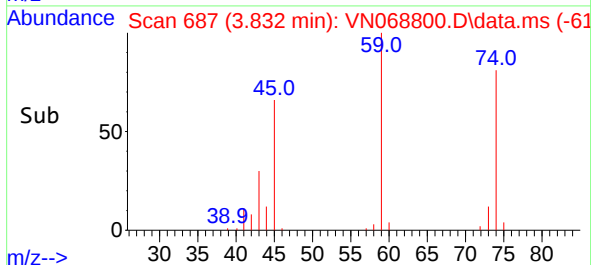
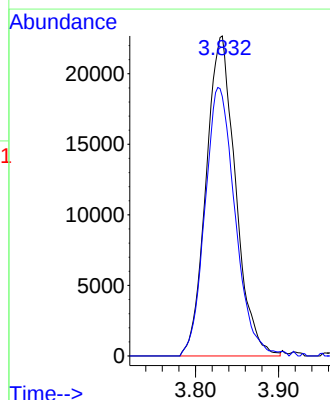
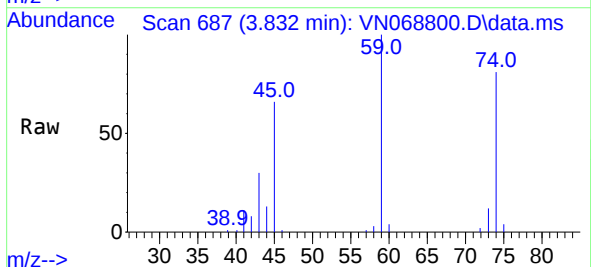
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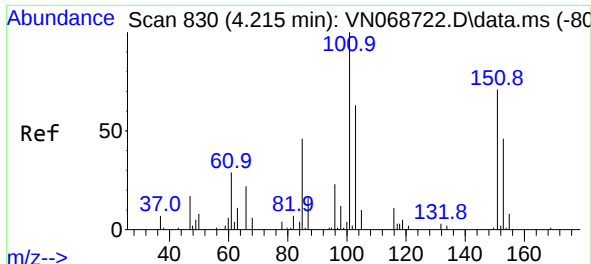
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#8
Diethyl Ether
Concen: 21.68 ug/l
RT: 3.832 min Scan# 687
Delta R.T. 0.005 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12

Tgt Ion: 74 Resp: 55751
Ion Ratio Lower Upper
74 100
45 85.6 17.6 158.8





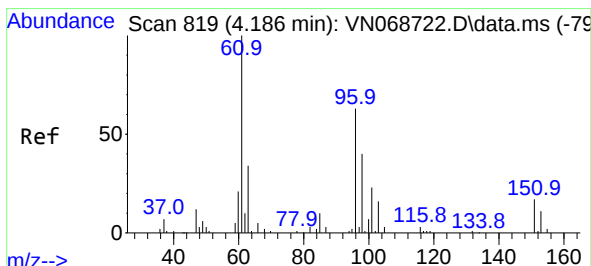
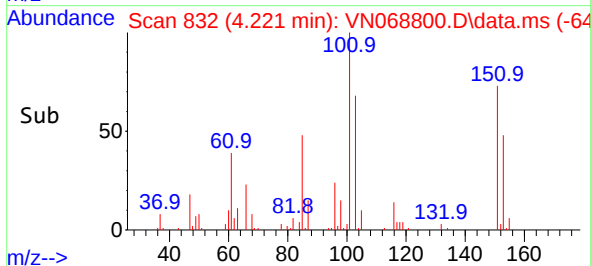
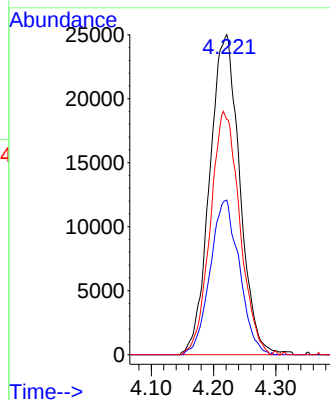
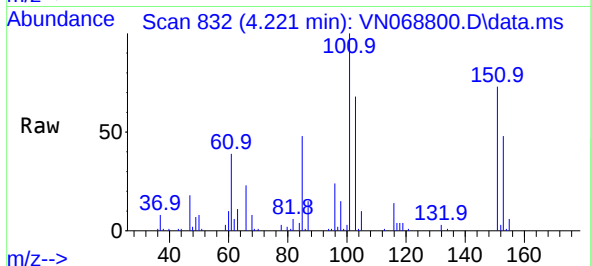
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.24 ug/l
RT: 4.221 min Scan# 832
Delta R.T. 0.006 min
Lab File: VN068800.D
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Tgt Ion: 101 Resp: 83671
Ion Ratio Lower Upper
101 100
85 47.1 0.0 94.0
151 74.6 0.0 74.6#

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ClientSampled :
VSTDCCC020

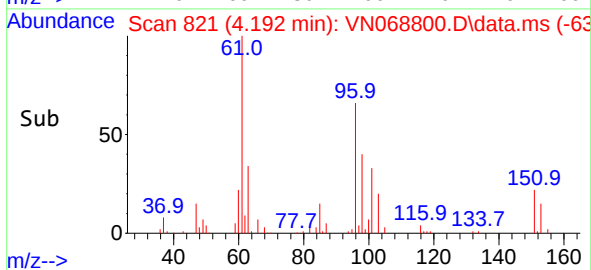
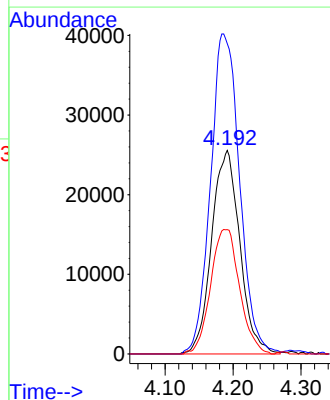
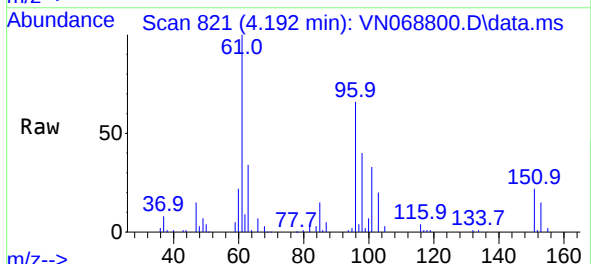
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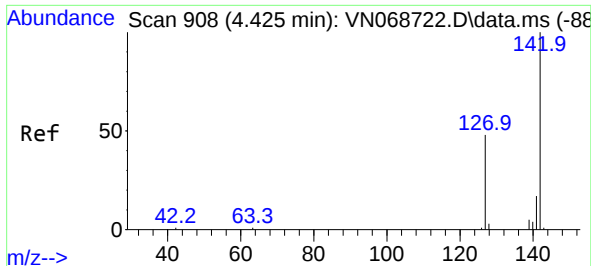
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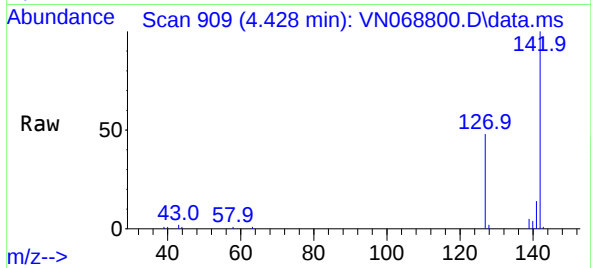
#10
1,1-Dichloroethene
Concen: 18.38 ug/l
RT: 4.192 min Scan# 821
Delta R.T. 0.006 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12

Tgt Ion: 96 Resp: 73733
Ion Ratio Lower Upper
96 100
61 152.5 126.2 189.4
98 61.0 50.9 76.3

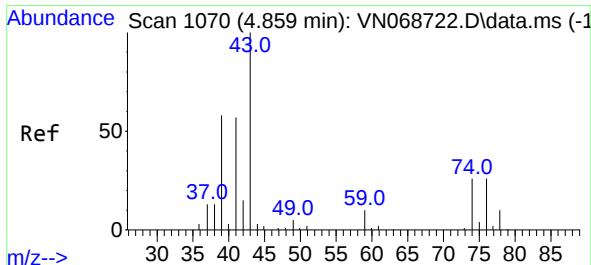
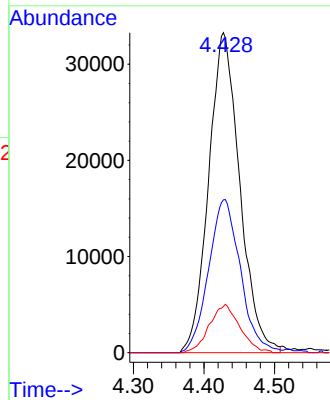
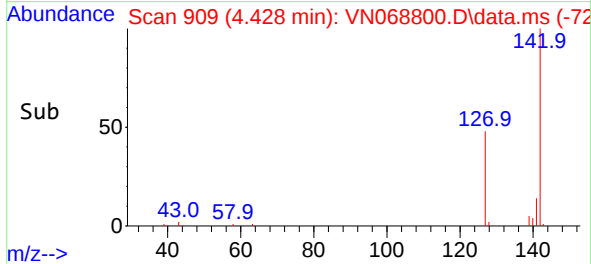




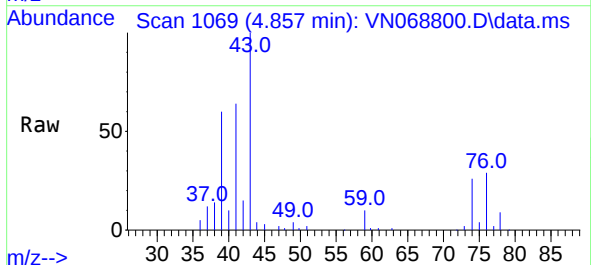
#11
Methyl Iodide
Concen: 21.07 ug/l
RT: 4.428 min Scan# 909
Delta R.T. 0.003 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12



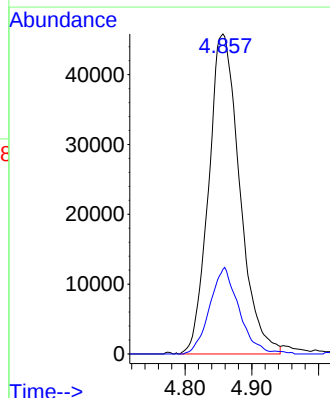
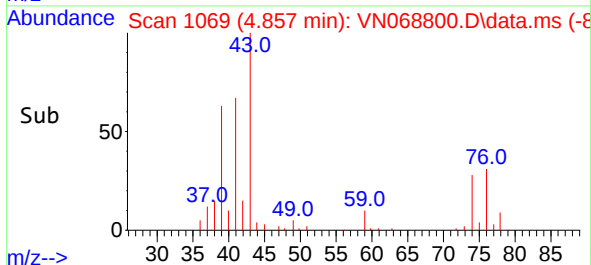
Tgt Ion:142 Resp: 101973
Ion Ratio Lower Upper
142 100
127 47.8 24.0 72.0
141 14.6 8.4 25.2



#12
Methyl Acetate
Concen: 21.37 ug/l
RT: 4.857 min Scan# 1069
Delta R.T. -0.002 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12



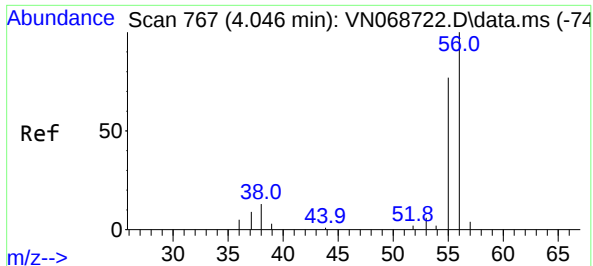
Tgt Ion: 43 Resp: 148088
Ion Ratio Lower Upper
43 100
74 26.4 20.8 31.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

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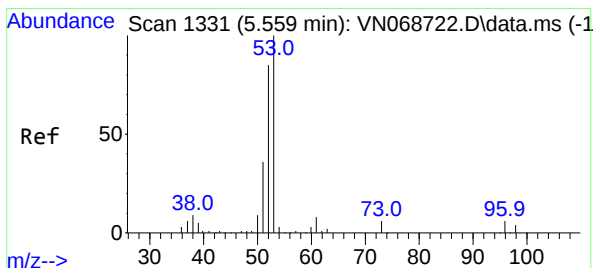
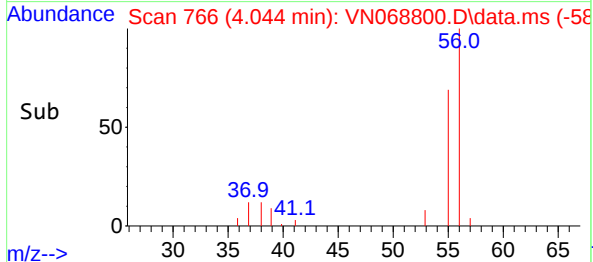
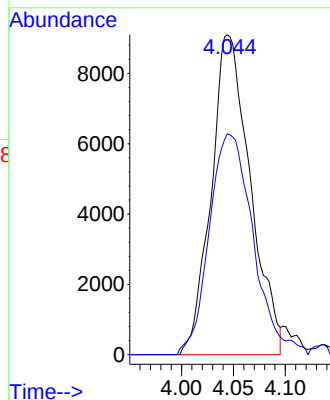
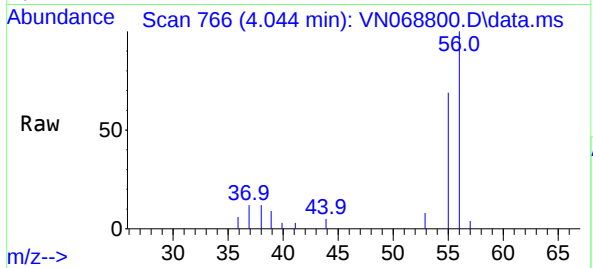
#13
Acrolein
Concen: 81.83 ug/l
RT: 4.044 min Scan# 766
Delta R.T. -0.002 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12

Tgt Ion: 56 Resp: 23804
Ion Ratio Lower Upper
56 100
55 76.0 57.6 86.4

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

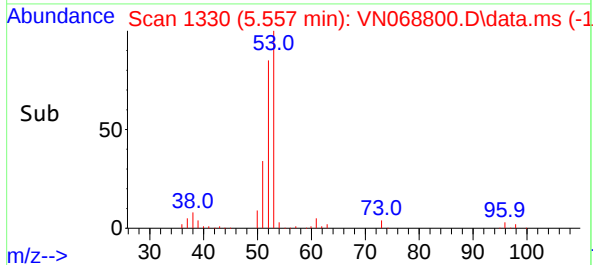
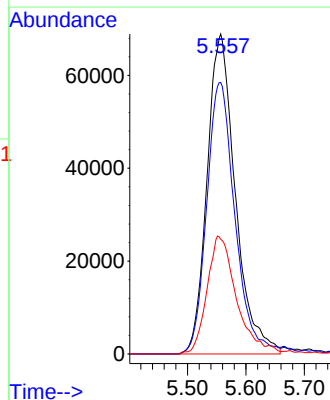
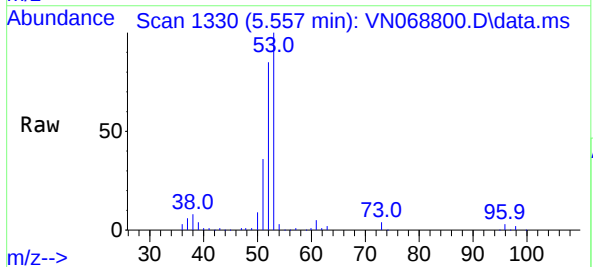
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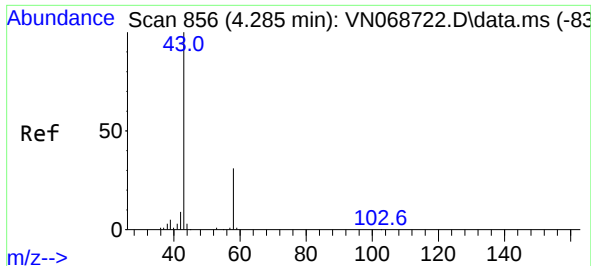
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#14
Acrylonitrile
Concen: 104.15 ug/l
RT: 5.557 min Scan# 1330
Delta R.T. -0.002 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12

Tgt Ion: 53 Resp: 231774
Ion Ratio Lower Upper
53 100
52 83.0 41.8 125.4
51 35.5 19.0 57.0





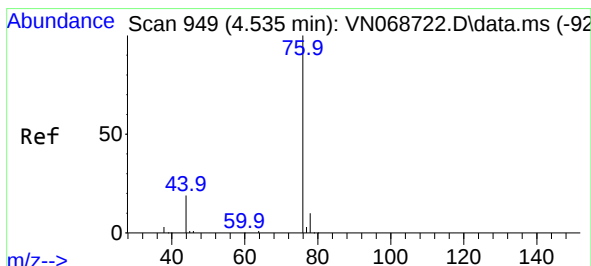
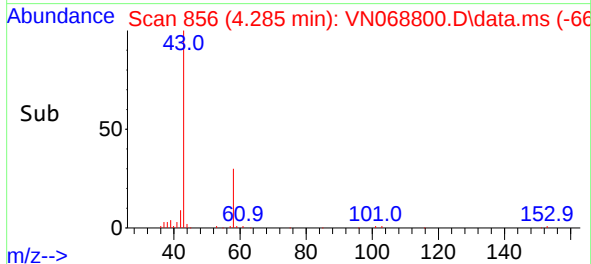
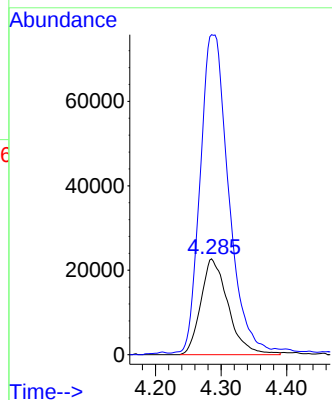
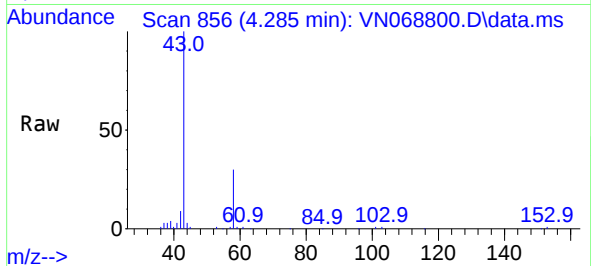
#15
Acetone
Concen: 106.74 ug/l
RT: 4.285 min Scan# 856
Delta R.T. 0.000 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12

Tgt Ion: 58 Resp: 65799
Ion Ratio Lower Upper
58 100
43 330.6 256.6 384.8

Instrument :
MSVOA_N
ClientSampleId :
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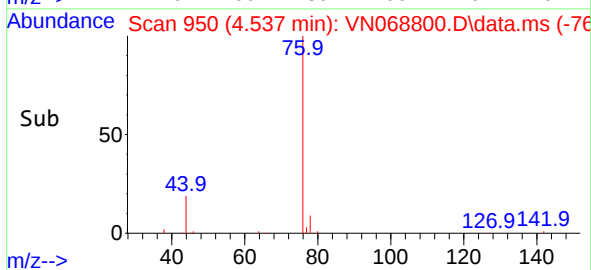
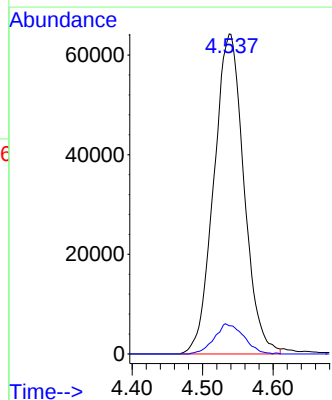
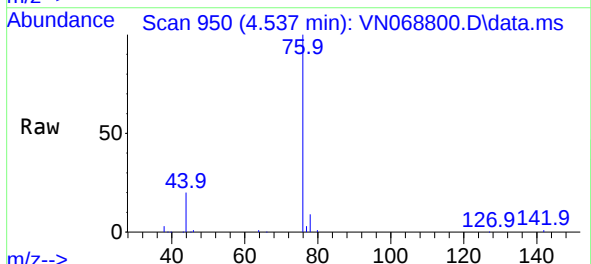
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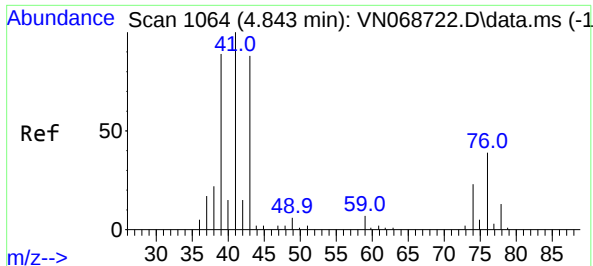
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#16
Carbon Disulfide
Concen: 17.50 ug/l
RT: 4.537 min Scan# 950
Delta R.T. 0.002 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12

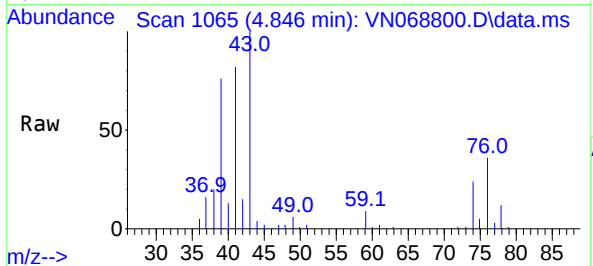
Tgt Ion: 76 Resp: 190131
Ion Ratio Lower Upper
76 100
78 8.8 7.8 11.8





#17
Allyl chloride
Concen: 19.33 ug/l
RT: 4.846 min Scan# 1065
Delta R.T. 0.003 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12

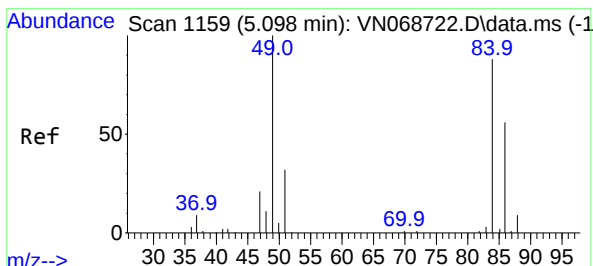
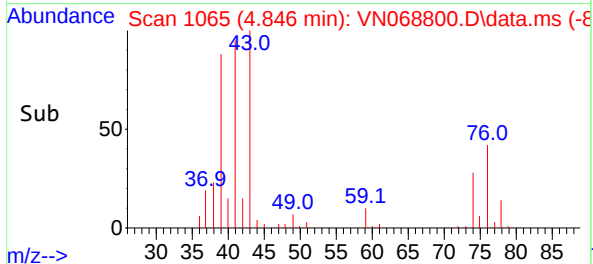
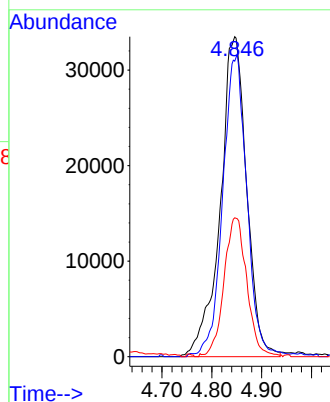
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020



Tgt Ion:	41	Resp:	123218
Ion	Ratio	Lower	Upper
41	100		
39	91.6	44.6	134.0
76	42.9	19.6	58.7

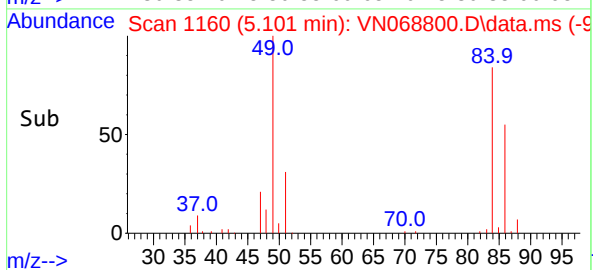
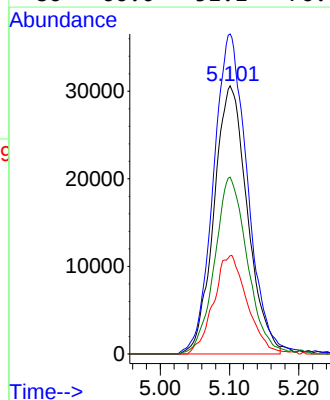
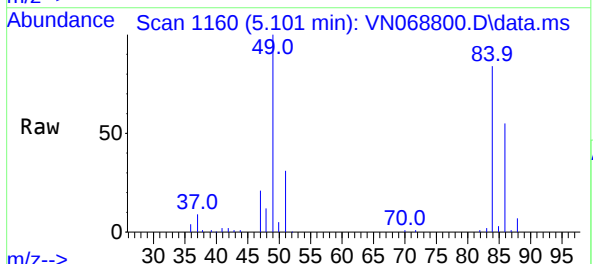
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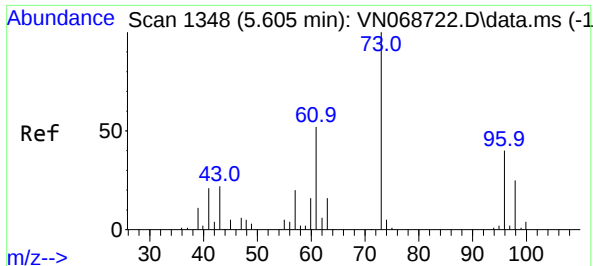
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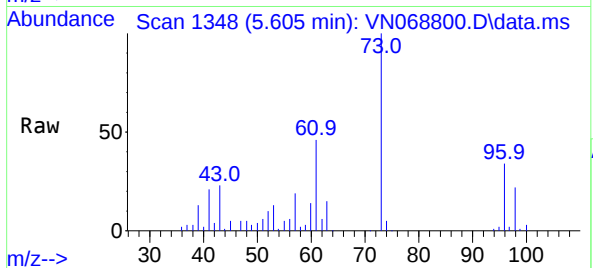
#18
Methylene Chloride
Concen: 20.38 ug/l
RT: 5.101 min Scan# 1160
Delta R.T. 0.003 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12

Tgt Ion:	84	Resp:	102724
Ion	Ratio	Lower	Upper
84	100		
49	118.7	91.4	137.0
51	36.7	29.4	44.0
86	66.0	51.1	76.7

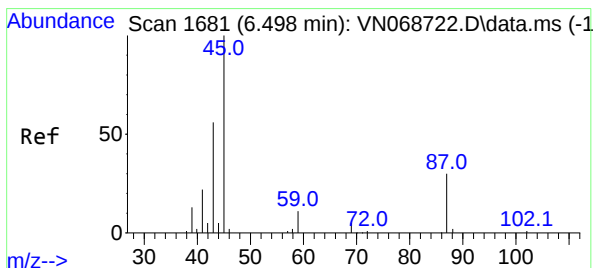
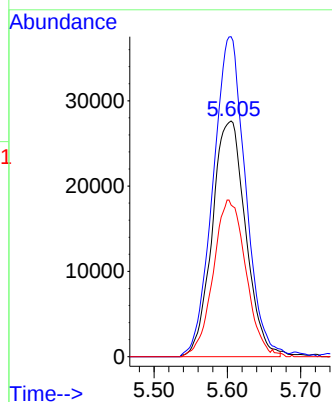
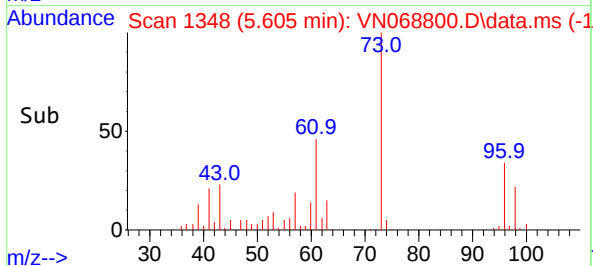




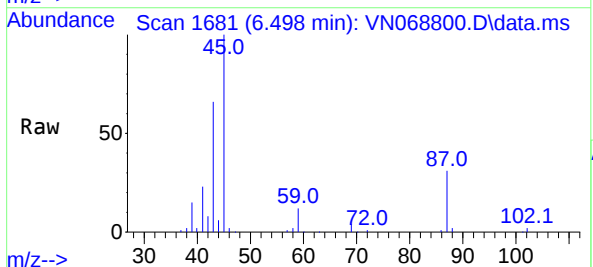
#19
trans-1,2-Dichloroethene
Concen: 18.42 ug/l
RT: 5.605 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12



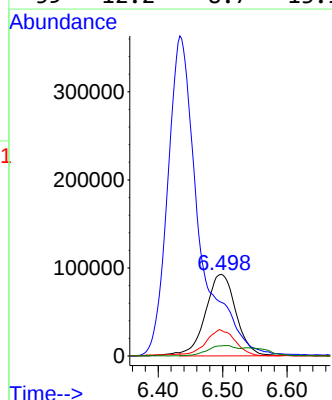
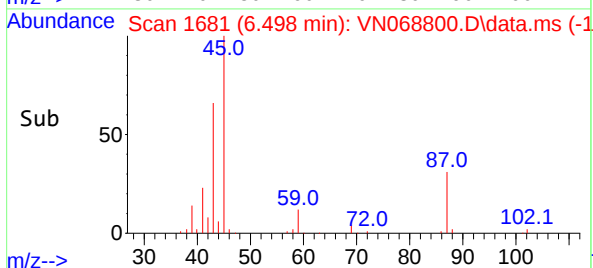
Tgt Ion: 96 Resp: 87355
Ion Ratio Lower Upper
96 100
61 135.8 102.8 154.2
98 64.4 49.3 73.9



#20
Diisopropyl ether
Concen: 20.37 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12



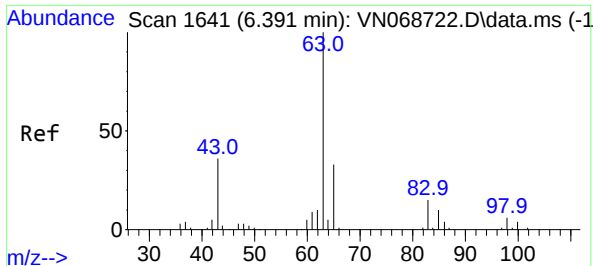
Tgt Ion: 45 Resp: 301917
Ion Ratio Lower Upper
45 100
43 63.6 51.0 76.4
87 31.5 25.0 37.4
59 12.2 8.7 13.1



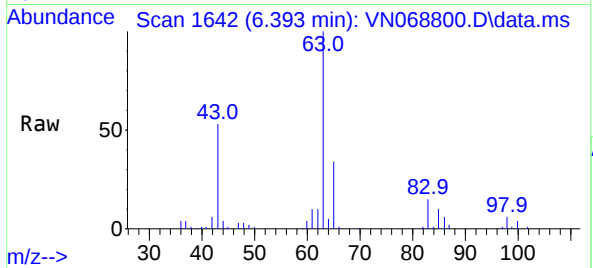
Instrument :
MSVOA_N
ClientSampled :
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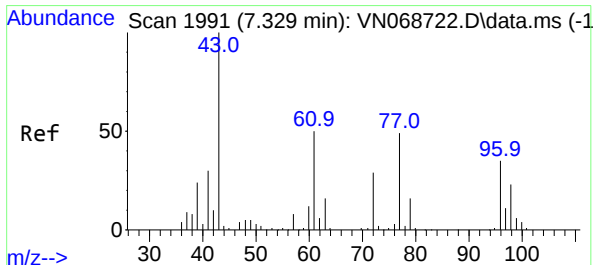
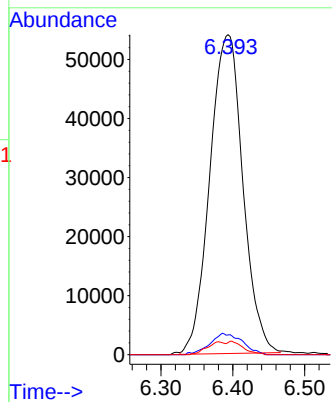
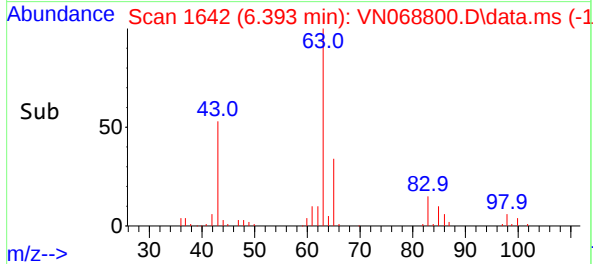
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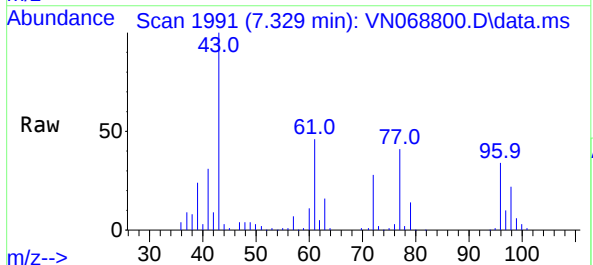
#21
1,1-Dichloroethane
Concen: 20.06 ug/l
RT: 6.393 min Scan# 1642
Delta R.T. 0.002 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12



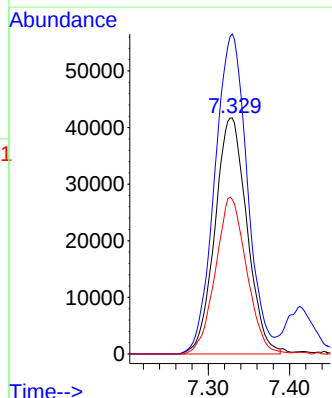
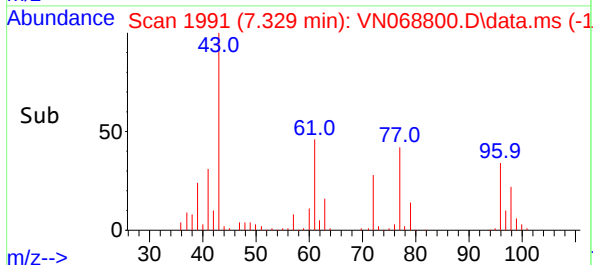
Tgt Ion: 63 Resp: 172636
Ion Ratio Lower Upper
63 100
98 6.2 3.2 9.6
100 3.8 2.1 6.2



#22
cis-1,2-Dichloroethene
Concen: 19.75 ug/l
RT: 7.329 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12



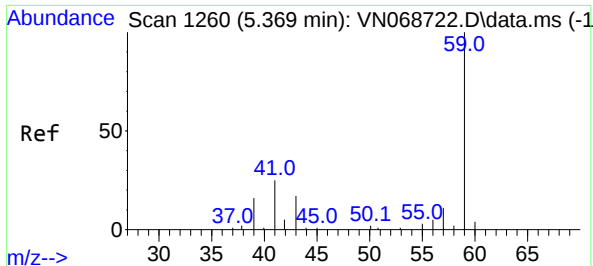
Tgt Ion: 96 Resp: 113950
Ion Ratio Lower Upper
96 100
61 137.7 115.7 173.5
98 64.7 51.6 77.4



Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

Manual Integrations
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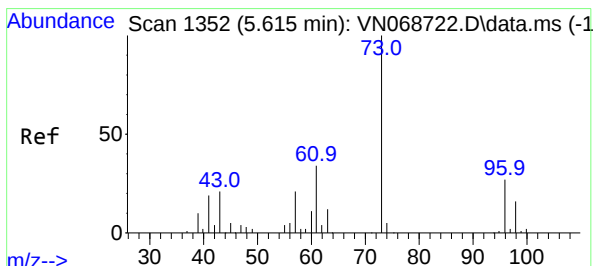
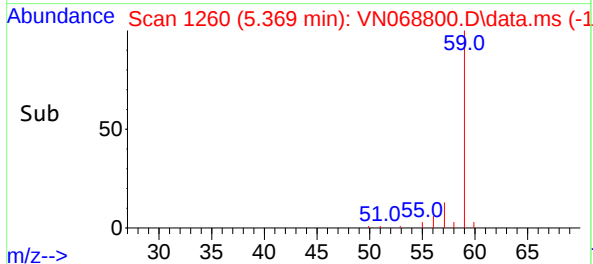
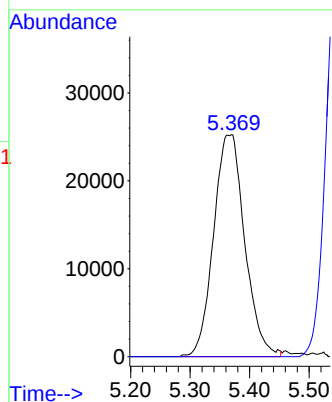
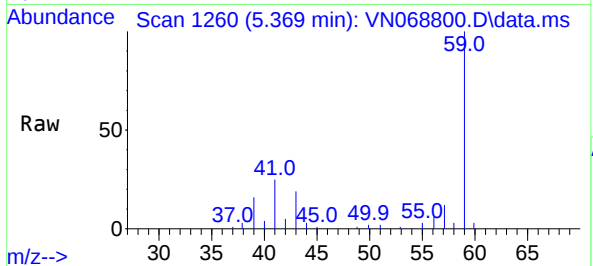
#23
tert-Butyl Alcohol
Concen: 111.39 ug/l m
RT: 5.369 min Scan# 1260
Delta R.T. -0.000 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12

Tgt Ion: 59 Resp: 91979
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

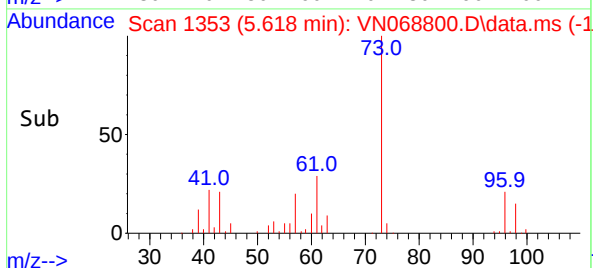
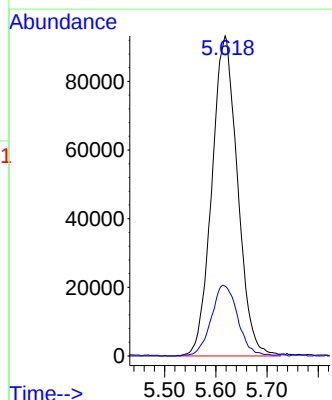
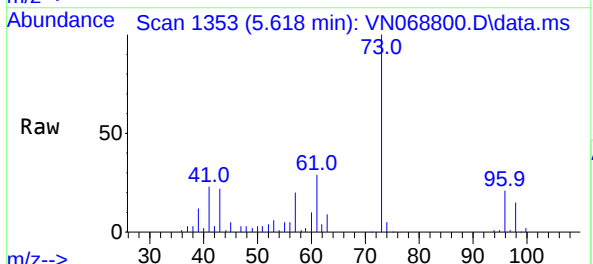
Manual Integrations
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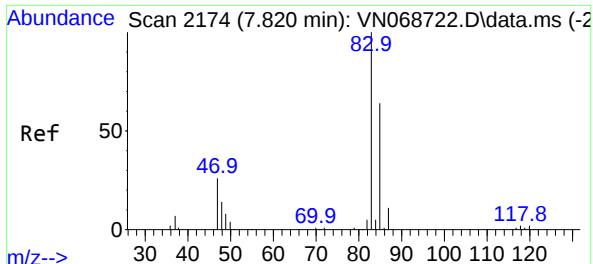
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#24
Methyl tert-Butyl Ether
Concen: 20.63 ug/l
RT: 5.618 min Scan# 1353
Delta R.T. 0.003 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12

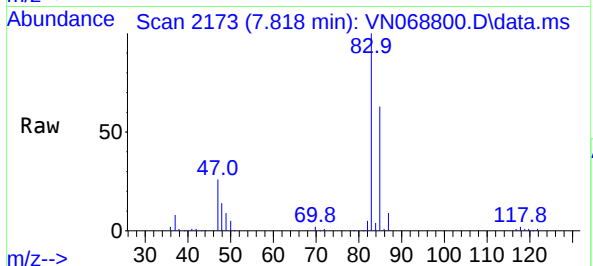
Tgt Ion: 73 Resp: 325131
Ion Ratio Lower Upper
73 100
43 22.0 18.1 27.1



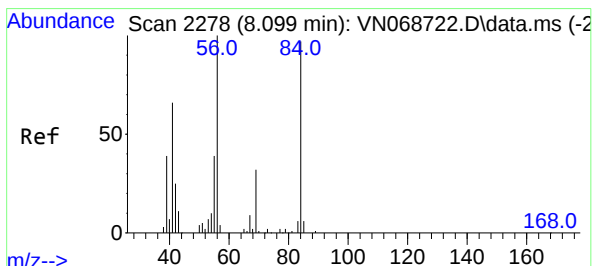
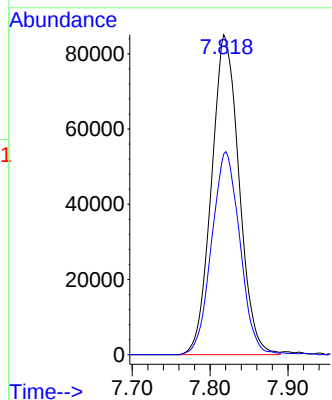
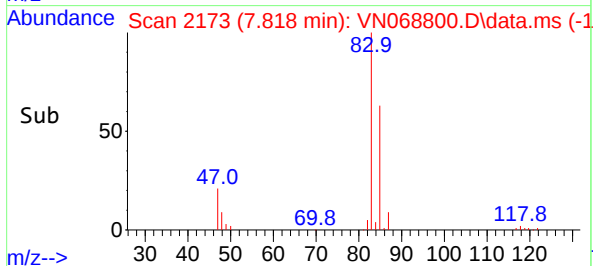


#25
Chloroform
Concen: 20.60 ug/l
RT: 7.818 min Scan# 2173
Delta R.T. -0.002 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12

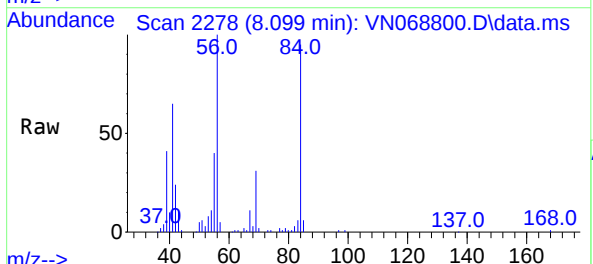
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



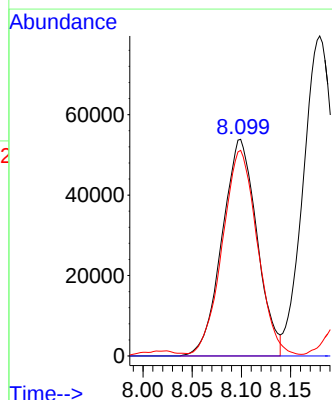
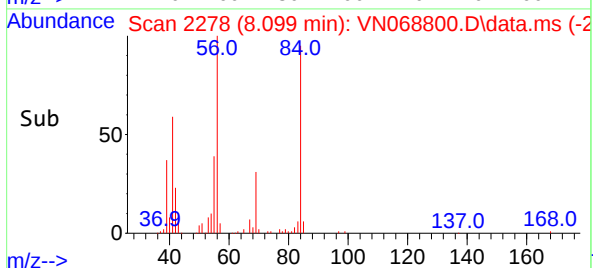
Tgt Ion: 83 Resp: 209020
Ion Ratio Lower Upper
83 100
85 62.7 51.3 76.9

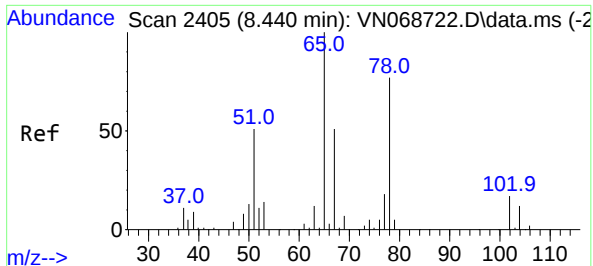


#26
Cyclohexane
Concen: 17.78 ug/l
RT: 8.099 min Scan# 2278
Delta R.T. 0.000 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12

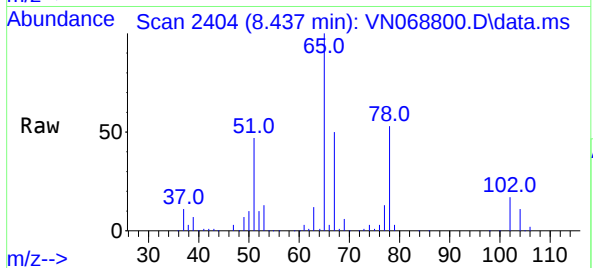


Tgt Ion: 56 Resp: 133153
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 93.8 74.6 111.8

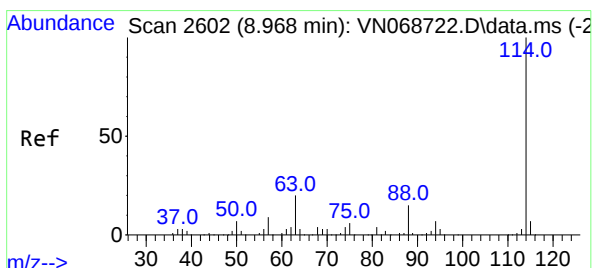
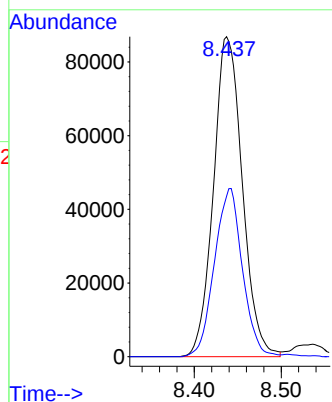
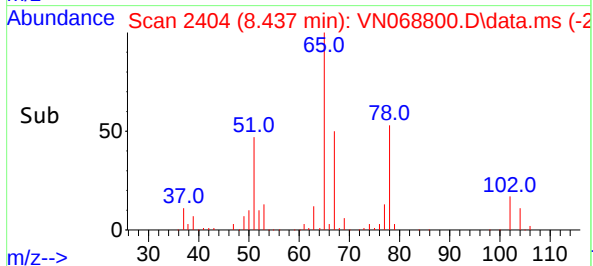




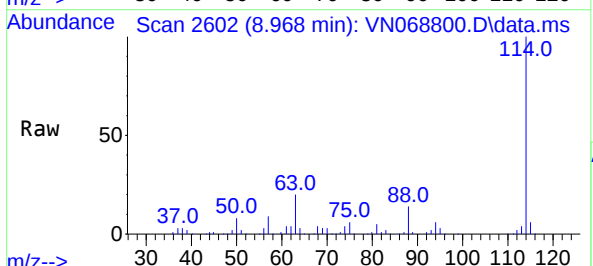
#27
1,2-Dichloroethane-d4
Concen: 31.98 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.003 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12



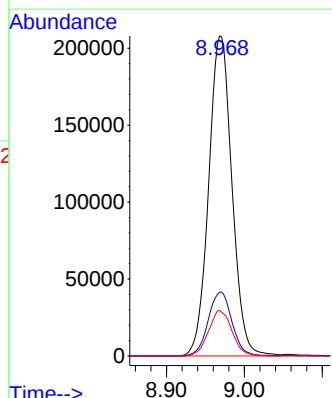
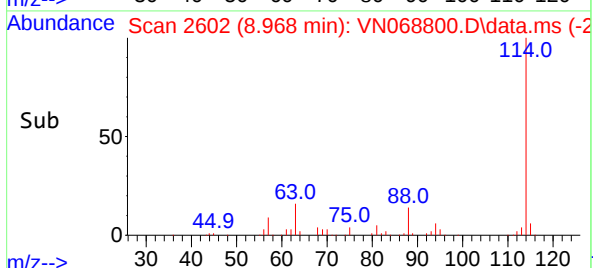
Tgt Ion: 65 Resp: 200598
Ion Ratio Lower Upper
65 100
67 50.9 40.2 60.2



#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12



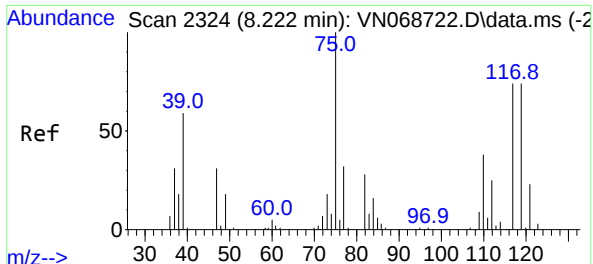
Tgt Ion: 114 Resp: 431878
Ion Ratio Lower Upper
114 100
63 20.3 15.8 23.6
88 14.3 11.6 17.4



Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

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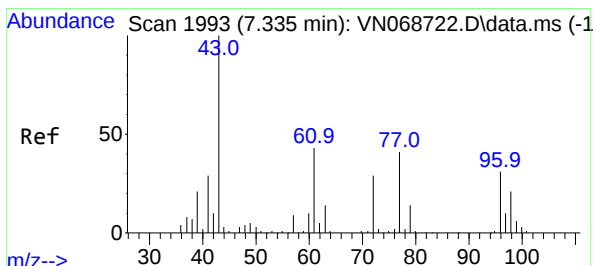
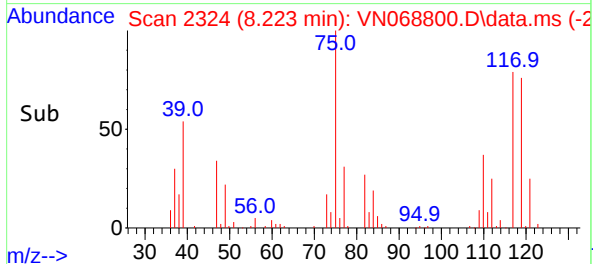
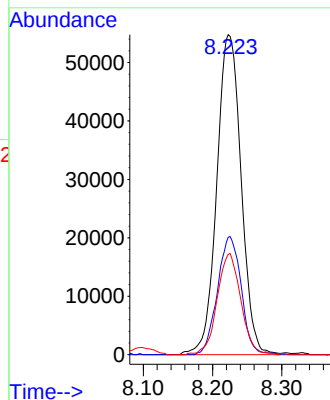
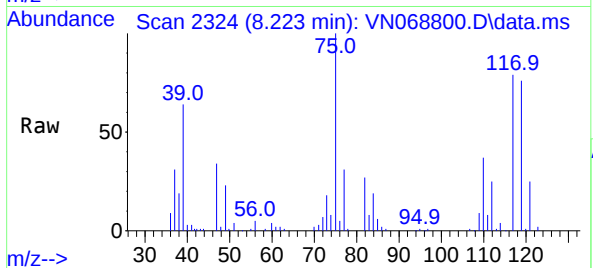
#29
1,1-Dichloropropene
Concen: 19.53 ug/l
RT: 8.223 min Scan# 2324
Delta R.T. 0.001 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12

Tgt Ion: 75 Resp: 134050
Ion Ratio Lower Upper
75 100
110 35.8 0.0 74.2
77 29.6 0.0 63.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

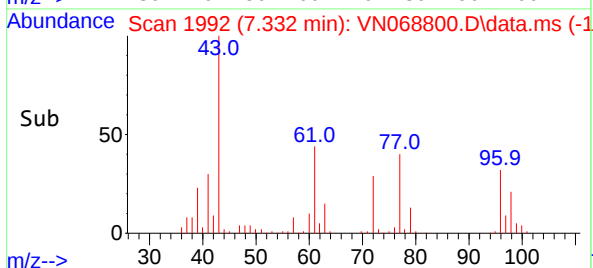
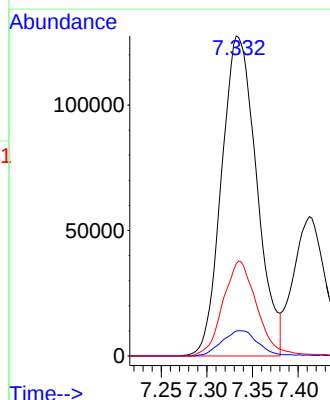
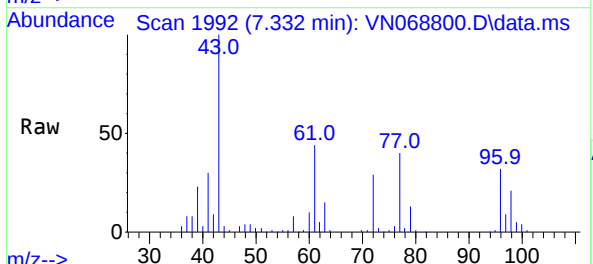
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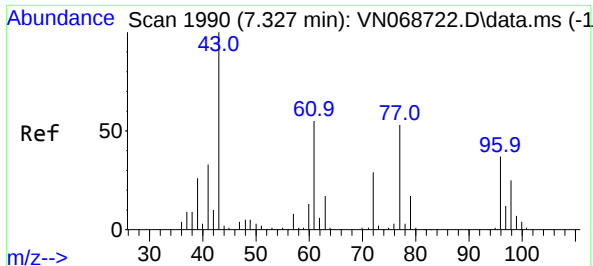
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#30
2-Butanone
Concen: 110.75 ug/l
RT: 7.332 min Scan# 1992
Delta R.T. -0.003 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12

Tgt Ion: 43 Resp: 341395
Ion Ratio Lower Upper
43 100
57 8.0 6.7 10.1
72 28.7 23.2 34.8





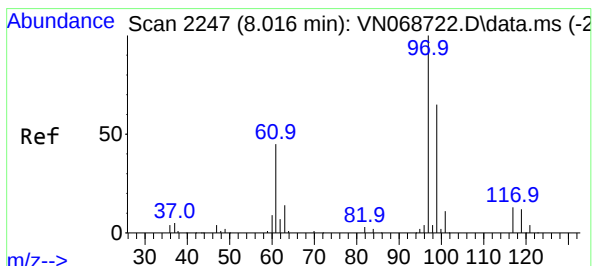
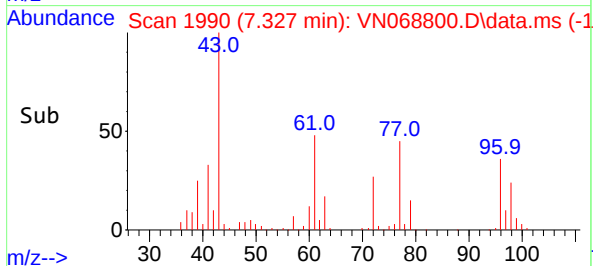
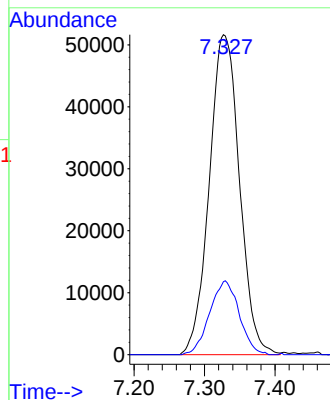
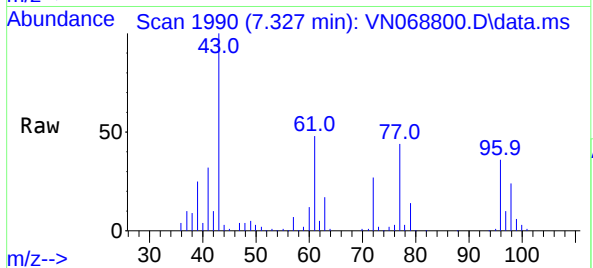
#31
2,2-Dichloropropane
Concen: 19.50 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12

Tgt Ion: 77 Resp: 153789
Ion Ratio Lower Upper
77 100
97 22.5 18.3 27.5

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

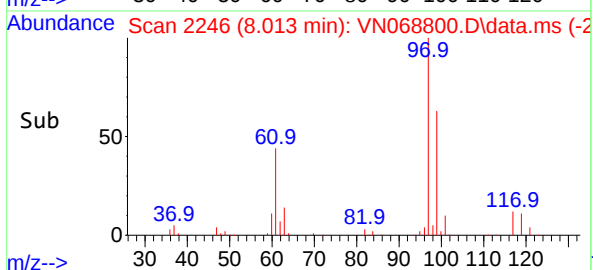
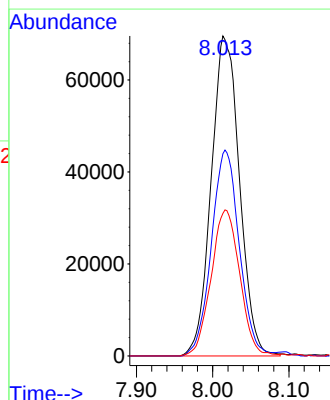
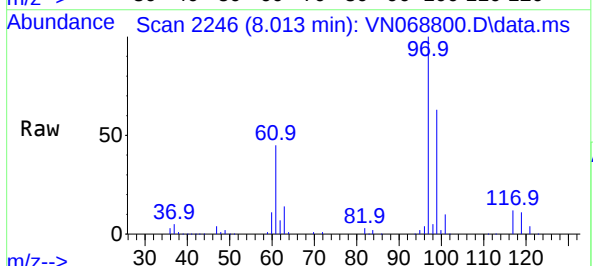
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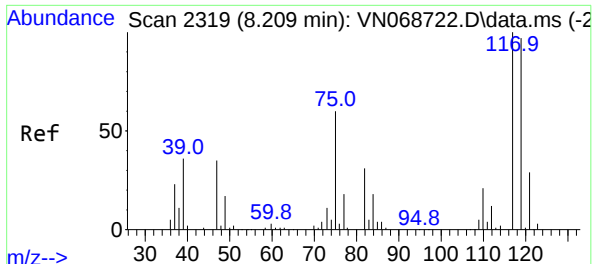
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#32
1,1,1-Trichloroethane
Concen: 20.37 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.003 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12

Tgt Ion: 97 Resp: 179180
Ion Ratio Lower Upper
97 100
99 63.4 50.4 75.6
61 45.9 34.6 51.8





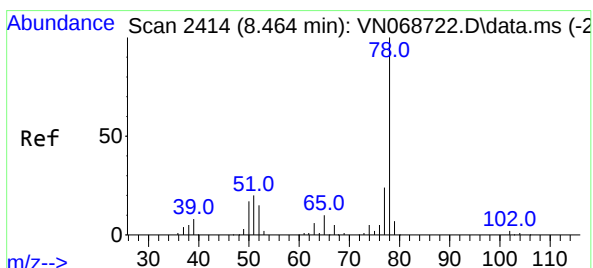
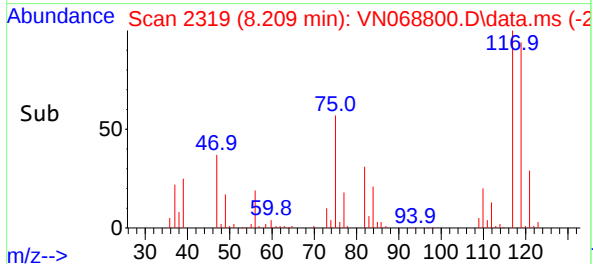
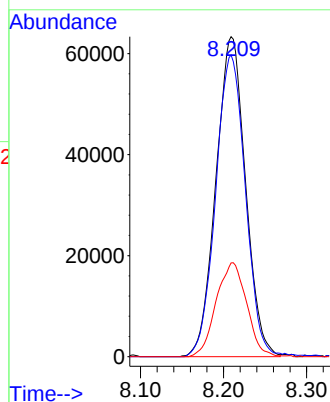
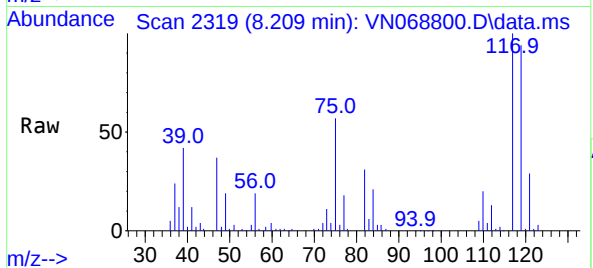
#33
Carbon Tetrachloride
Concen: 20.03 ug/l
RT: 8.209 min Scan# 2319
Delta R.T. 0.000 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12

Tgt Ion: 117 Resp: 156587
Ion Ratio Lower Upper
117 100
119 94.3 77.5 116.3
121 29.3 23.5 35.3

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

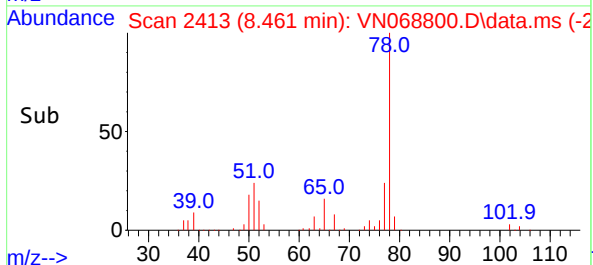
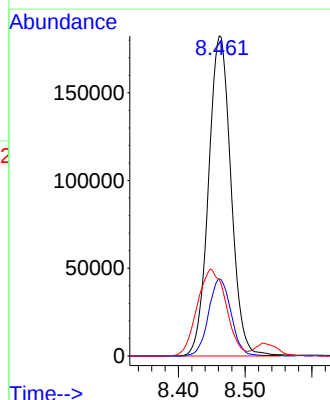
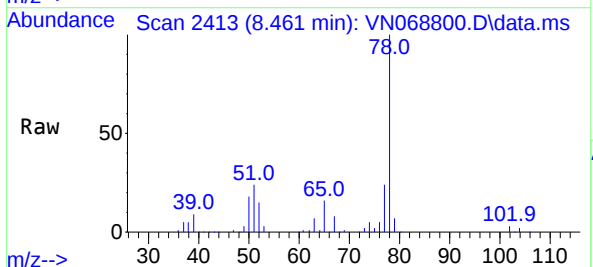
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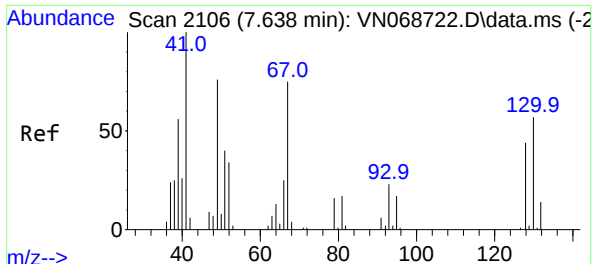
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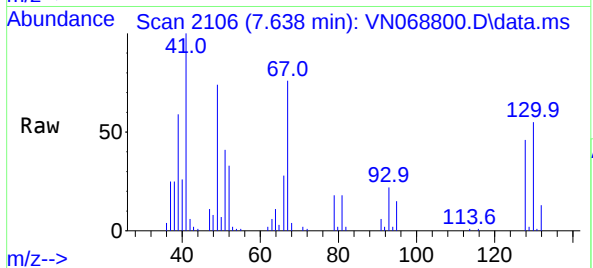
#34
Benzene
Concen: 20.94 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. -0.003 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12

Tgt Ion: 78 Resp: 426324
Ion Ratio Lower Upper
78 100
77 24.1 19.1 28.7
51 22.8 16.0 24.0

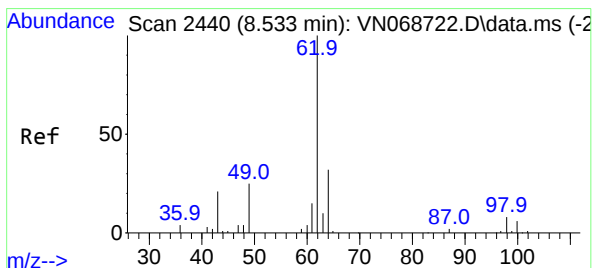
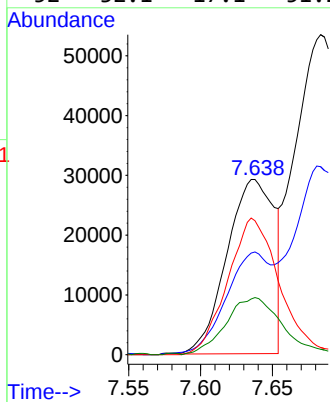
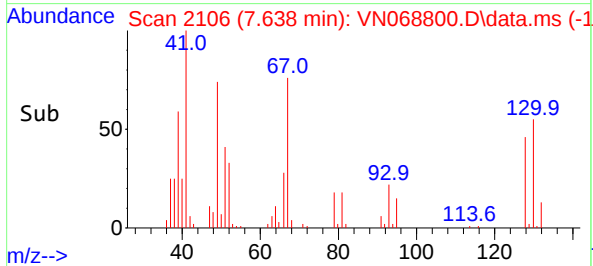




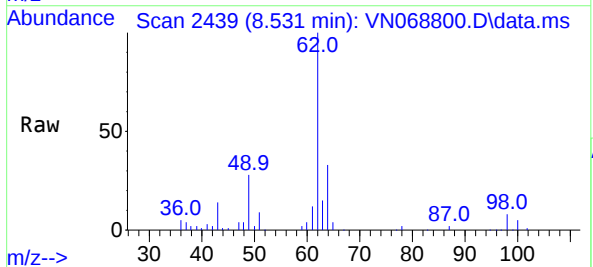
#35
Methacrylonitrile
Concen: 21.62 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. -0.000 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12



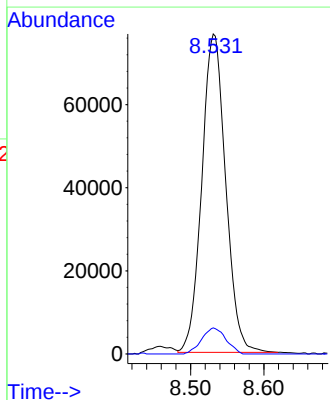
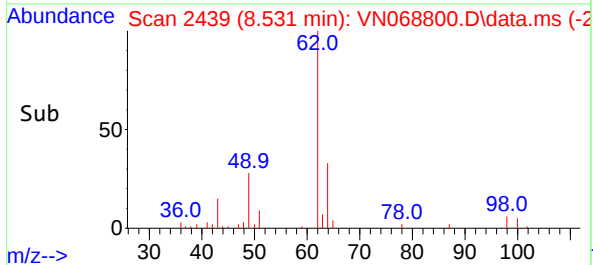
Tgt Ion: 41 Resp: 66784
Ion Ratio Lower Upper
41 100
39 57.8 28.0 83.9
67 76.9 37.7 113.1
52 32.1 17.1 51.2



#36
1,2-Dichloroethane
Concen: 22.74 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. -0.002 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12



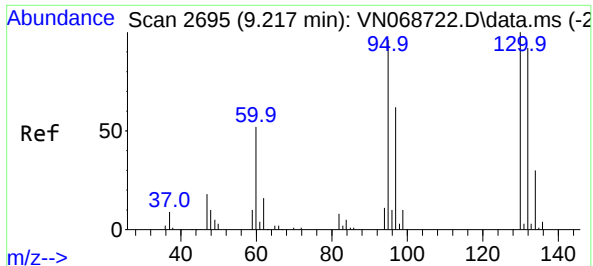
Tgt Ion: 62 Resp: 173245
Ion Ratio Lower Upper
62 100
98 8.3 6.6 10.0



Instrument :
MSVOA_N
ClientSampleId :
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#37

Trichloroethene

Concen: 19.75 ug/l

RT: 9.218 min Scan# 2695

Delta R.T. 0.001 min

Lab File: VN068800.D

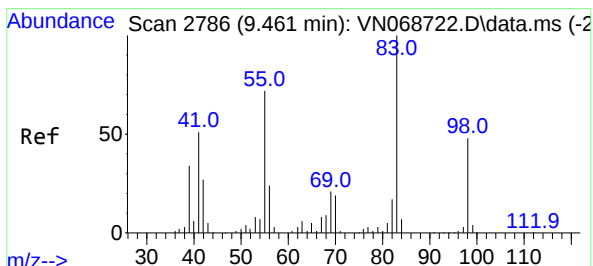
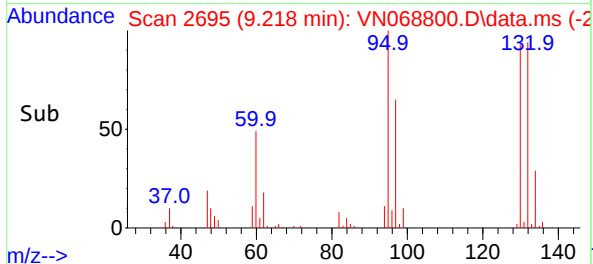
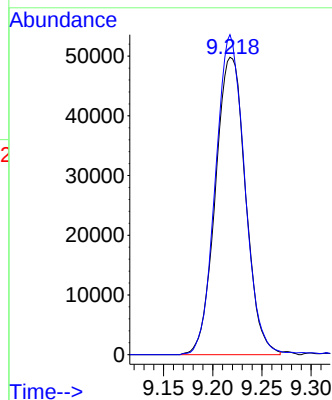
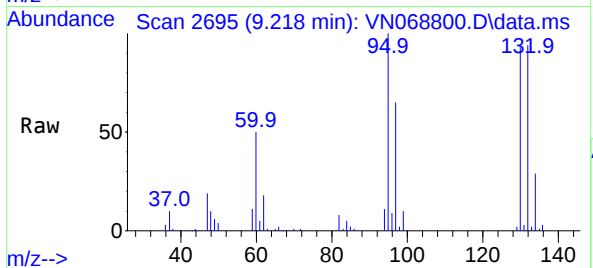
Acq: 5 Oct 2021 13:12

Tgt Ion:130 Resp: 106345

Ion Ratio Lower Upper

130 100

95 107.6 76.6 115.0



#38

Methylcyclohexane

Concen: 18.32 ug/l

RT: 9.462 min Scan# 2786

Delta R.T. 0.001 min

Lab File: VN068800.D

Acq: 5 Oct 2021 13:12

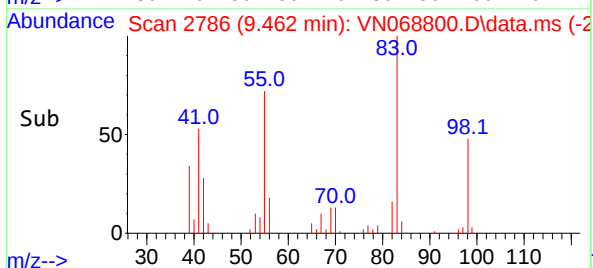
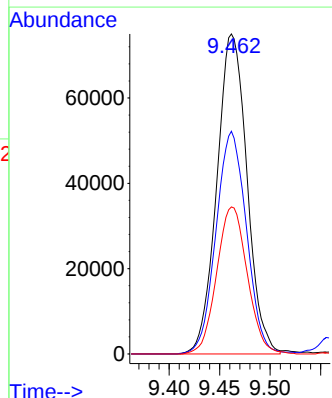
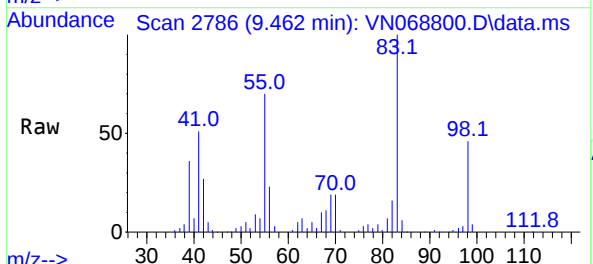
Tgt Ion: 83 Resp: 155659

Ion Ratio Lower Upper

83 100

55 70.3 35.1 105.3

98 46.7 23.4 70.2



Instrument :

MSVOA_N

ClientSampled :

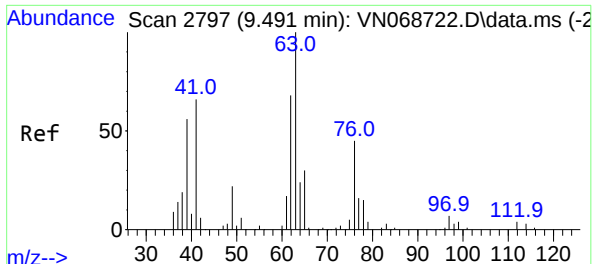
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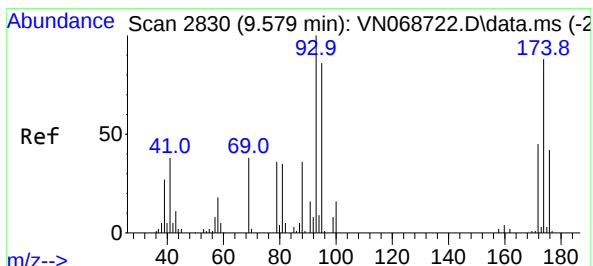
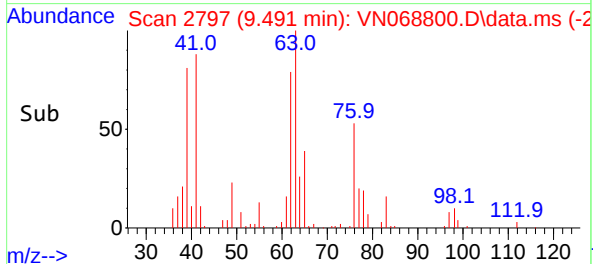
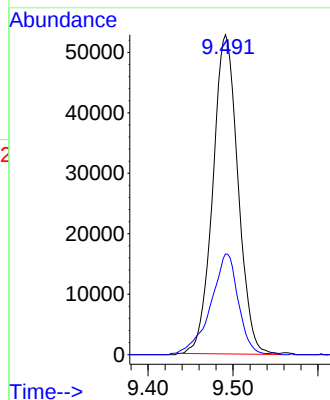
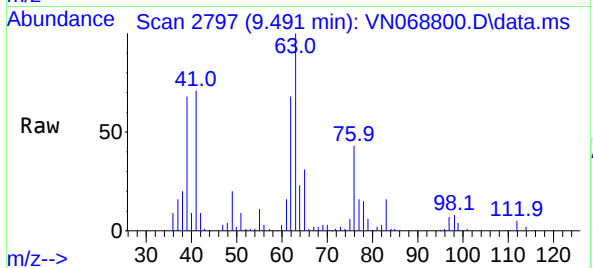
#39
1,2-Dichloropropane
Concen: 21.55 ug/l
RT: 9.491 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12

Tgt Ion: 63 Resp: 108662
Ion Ratio Lower Upper
63 100
65 31.6 24.2 36.4

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

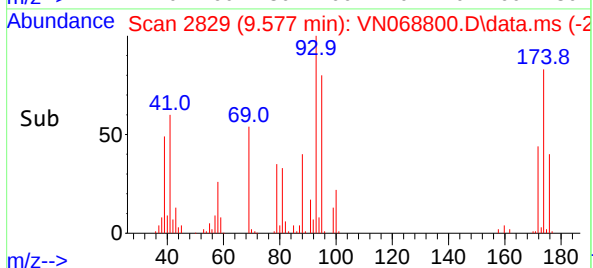
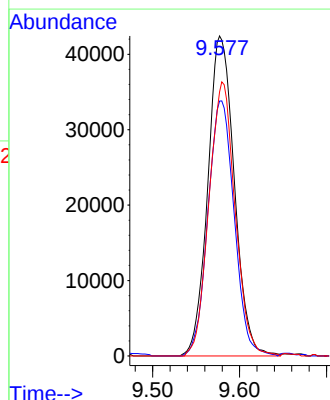
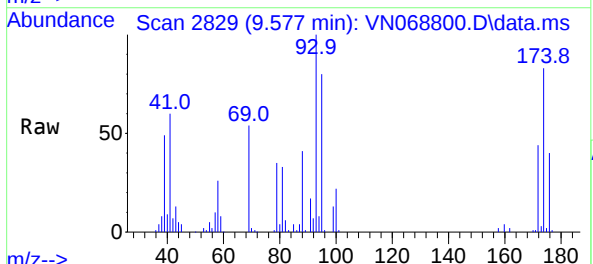
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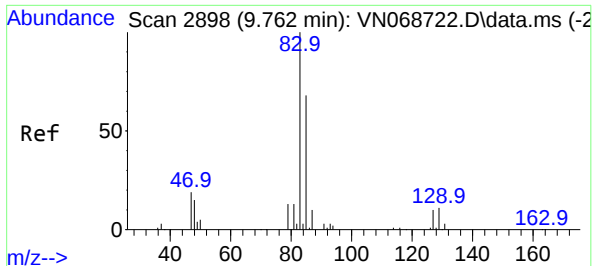
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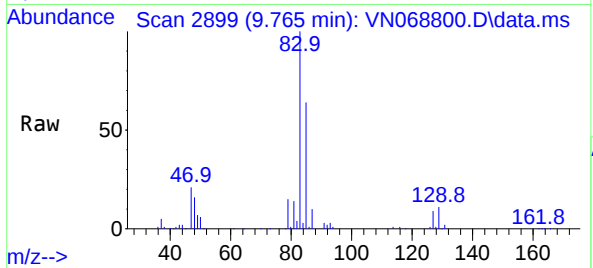
#40
Dibromomethane
Concen: 22.61 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. -0.002 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12

Tgt Ion: 93 Resp: 90020
Ion Ratio Lower Upper
93 100
95 78.9 0.0 168.8
174 84.3 0.0 173.6

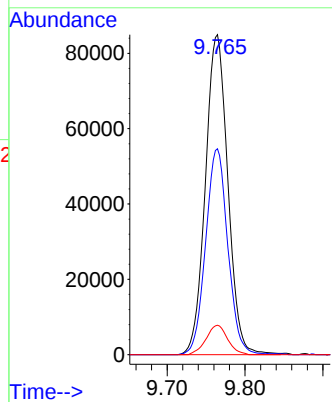
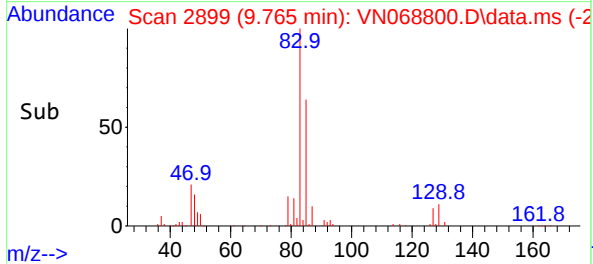




#41
Bromodichloromethane
Concen: 21.85 ug/l
RT: 9.765 min Scan# 2899
Delta R.T. 0.003 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12



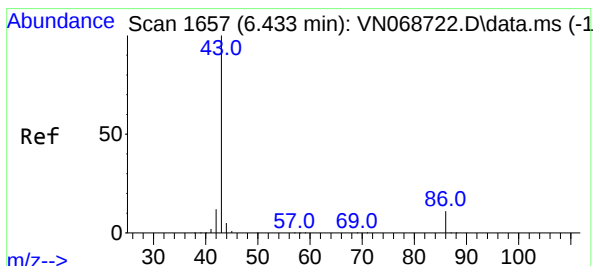
Tgt Ion: 83 Resp: 170516
Ion Ratio Lower Upper
83 100
85 64.2 54.1 81.1
127 9.2 7.6 11.4



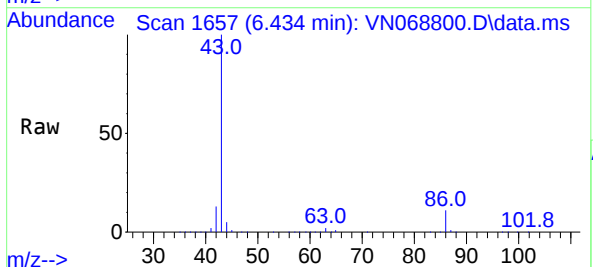
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

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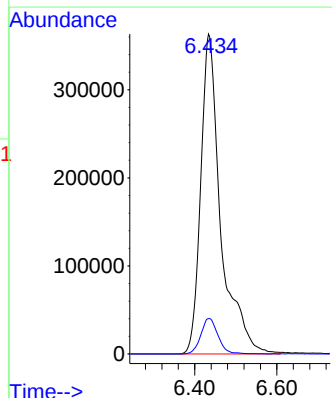
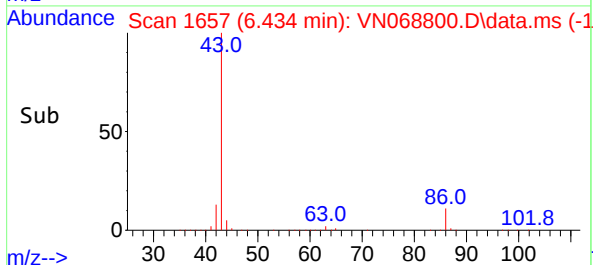
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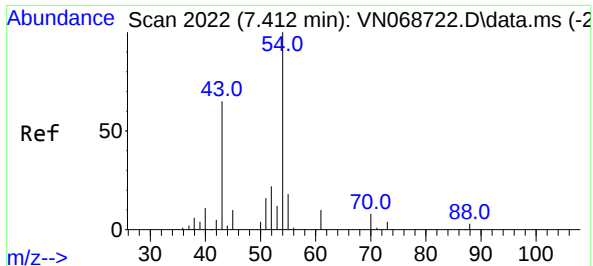


#42
Vinyl Acetate
Concen: 107.70 ug/l
RT: 6.434 min Scan# 1657
Delta R.T. 0.001 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12



Tgt Ion: 43 Resp: 1229392
Ion Ratio Lower Upper
43 100
86 9.4 7.5 11.3





#43

Ethyl Acetate

Concen: 22.06 ug/l

RT: 7.413 min Scan# 2022

Delta R.T. 0.001 min

Lab File: VN068800.D

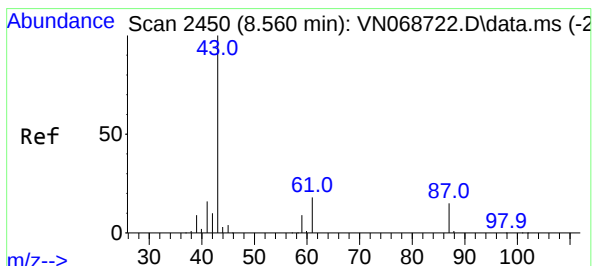
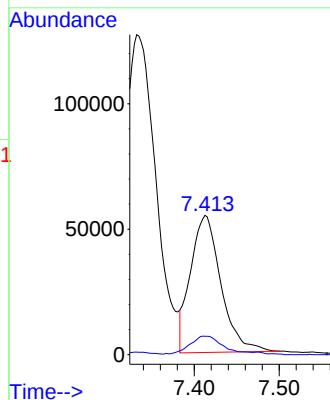
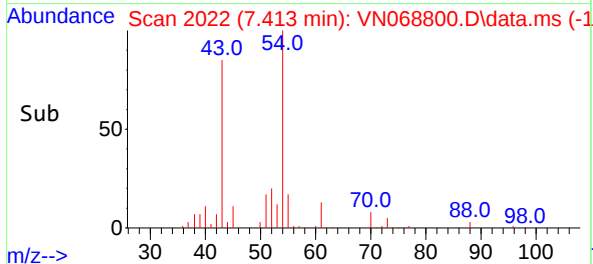
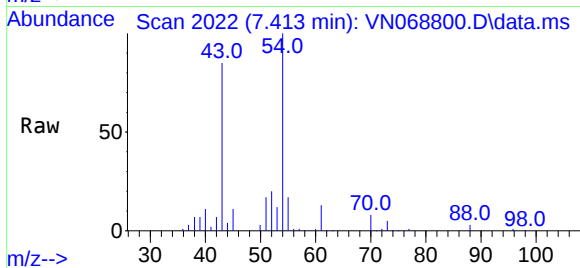
Acq: 5 Oct 2021 13:12

Tgt Ion: 43 Resp: 135917

Ion Ratio Lower Upper

43 100

45 13.4 10.6 16.0



#44

Isopropyl Acetate

Concen: 21.66 ug/l

RT: 8.560 min Scan# 2450

Delta R.T. 0.000 min

Lab File: VN068800.D

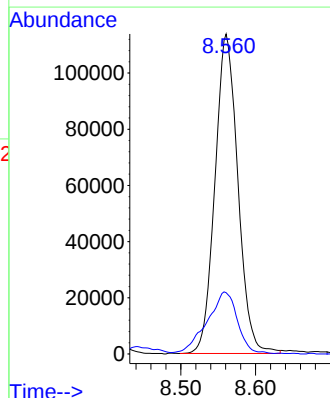
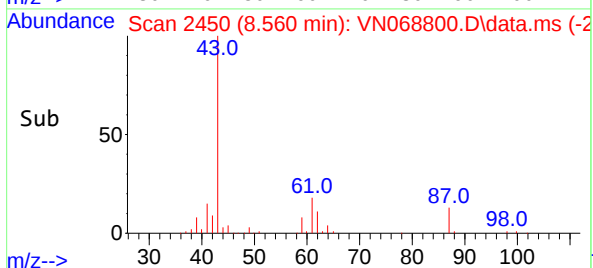
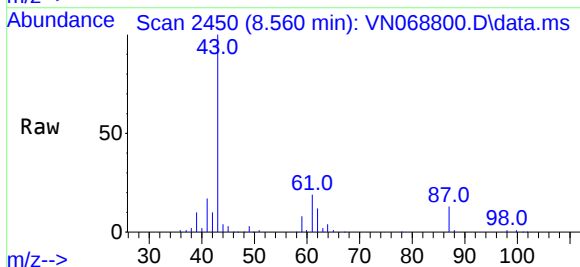
Acq: 5 Oct 2021 13:12

Tgt Ion: 43 Resp: 241762

Ion Ratio Lower Upper

43 100

61 24.3 20.1 30.1



Instrument :

MSVOA_N

ClientSampleId :

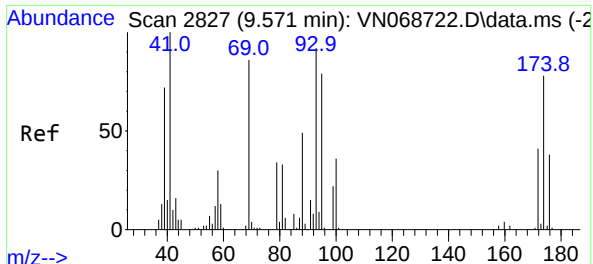
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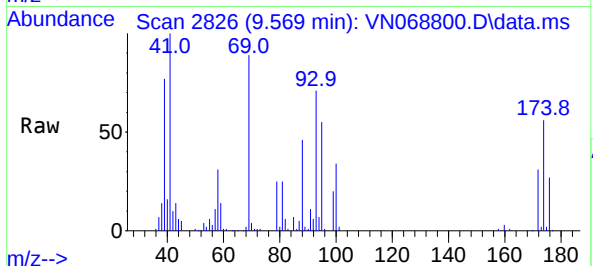
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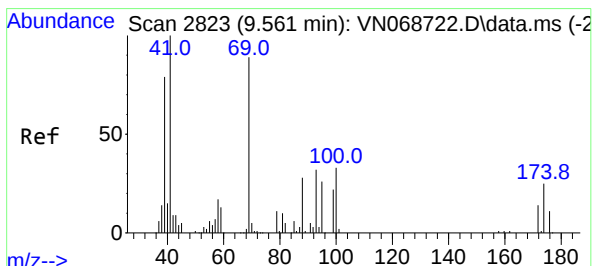
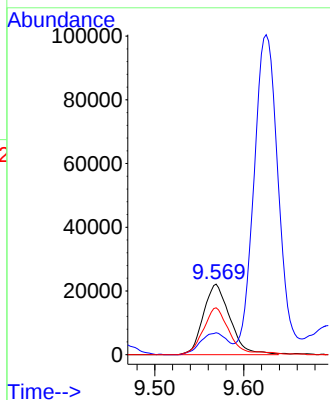
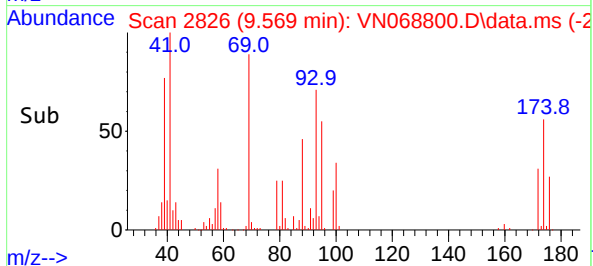
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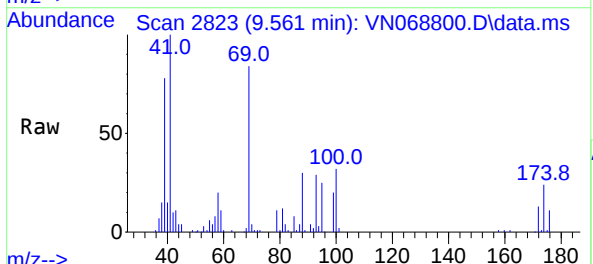
#45
1,4-Dioxane
Concen: 508.80 ug/l
RT: 9.569 min Scan# 2826
Delta R.T. -0.002 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12



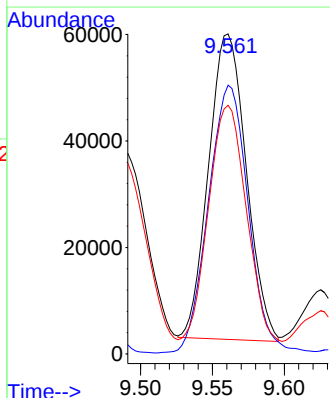
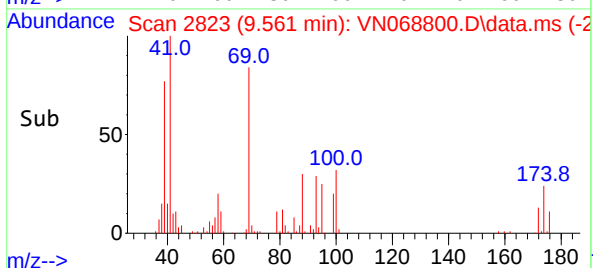
Tgt Ion: 88 Resp: 45978
Ion Ratio Lower Upper
88 100
43 31.2 25.0 37.6
58 62.7 49.4 74.2



#46
Methyl methacrylate
Concen: 21.20 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12



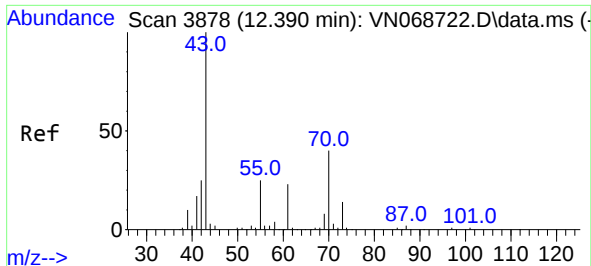
Tgt Ion: 41 Resp: 104654
Ion Ratio Lower Upper
41 100
69 87.3 44.4 133.2
39 77.4 39.9 119.6



Instrument :
MSVOA_N
ClientSampleId :
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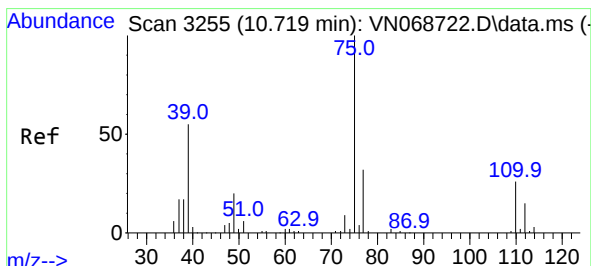
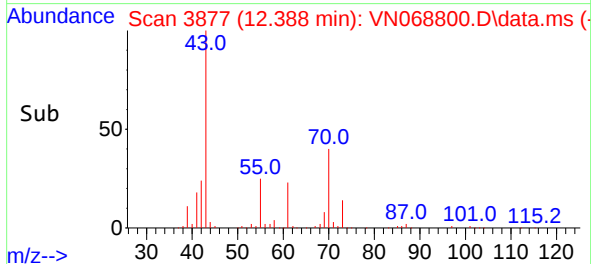
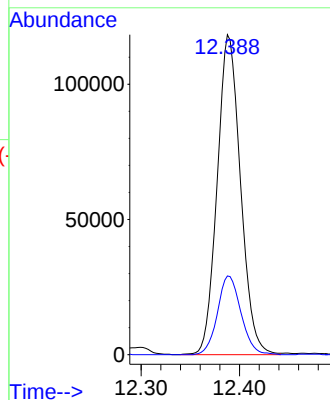
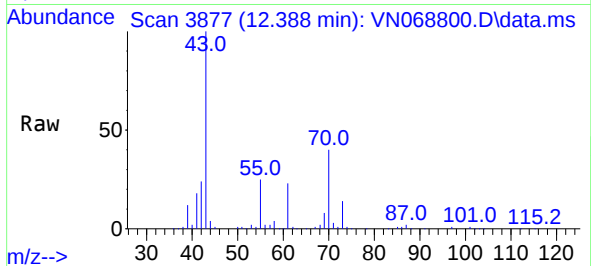
#47
n-amy1 Acetate
Concen: 20.66 ug/l
RT: 12.388 min Scan# 3877
Delta R.T. -0.002 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12

Tgt Ion: 43 Resp: 195237
Ion Ratio Lower Upper
43 100
55 24.8 19.0 28.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

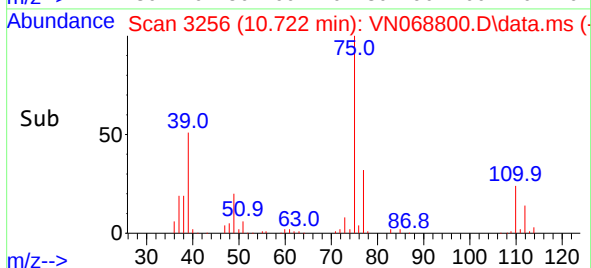
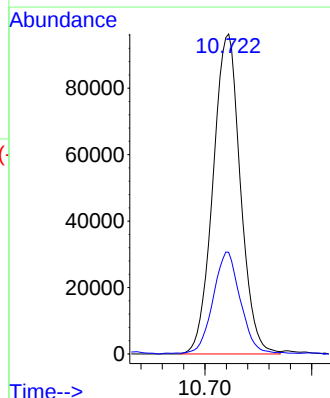
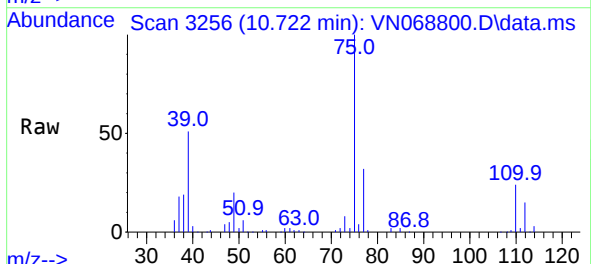
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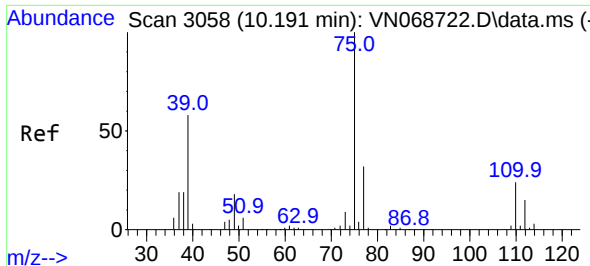
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#48
t-1,3-Dichloropropene
Concen: 20.24 ug/l
RT: 10.722 min Scan# 3256
Delta R.T. 0.003 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12

Tgt Ion: 75 Resp: 171641
Ion Ratio Lower Upper
75 100
77 31.5 25.3 37.9





#49
cis-1,3-Dichloropropene
Concen: 20.50 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. 0.000 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12

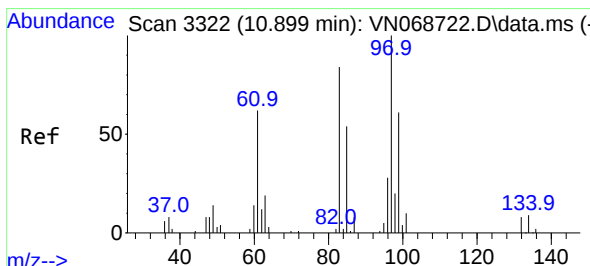
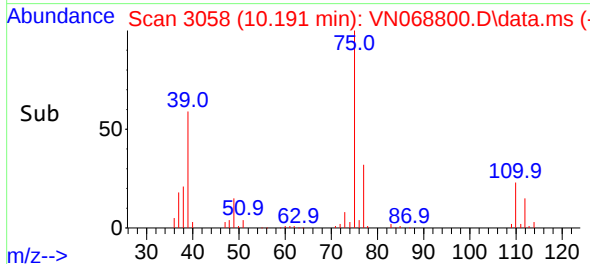
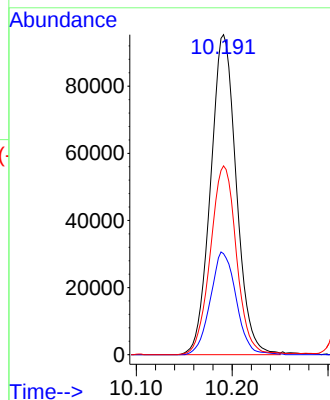
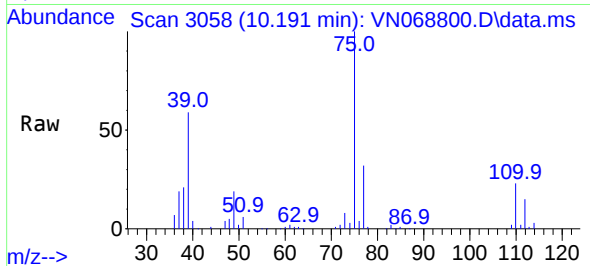
Tgt Ion: 75 Resp: 177757

Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.3	37.9
39	58.8	46.2	69.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Manual Integrations
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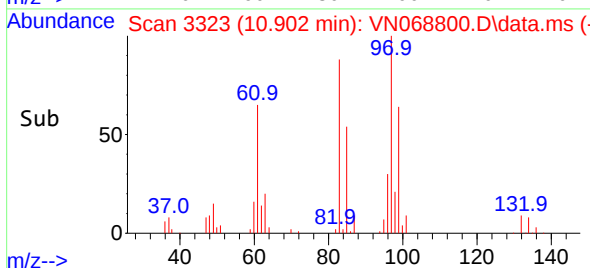
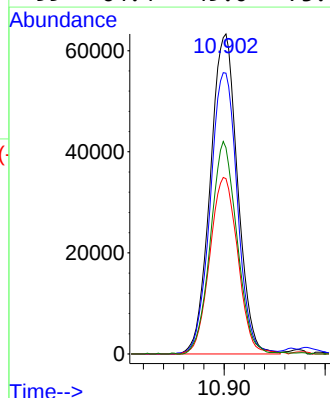
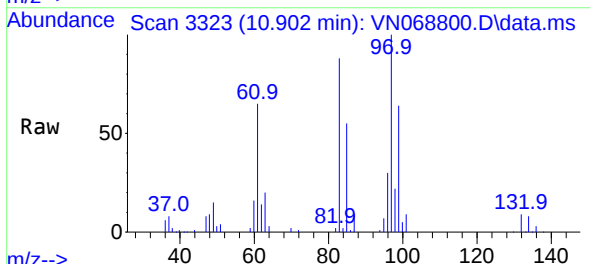
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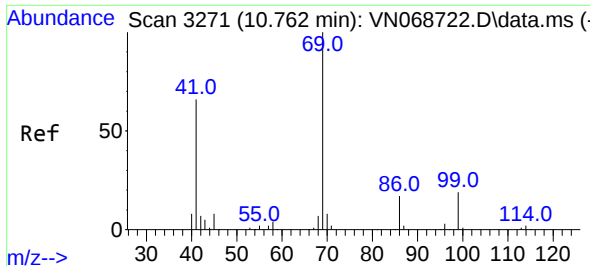


#50
1,1,2-Trichloroethane
Concen: 21.54 ug/l
RT: 10.902 min Scan# 3323
Delta R.T. 0.003 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12

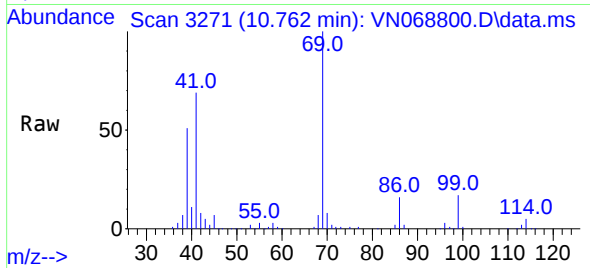
Tgt Ion: 97 Resp: 118820

Ion	Ratio	Lower	Upper
97	100		
83	87.4	67.2	100.8
85	54.8	43.0	64.4
99	64.4	49.0	73.4

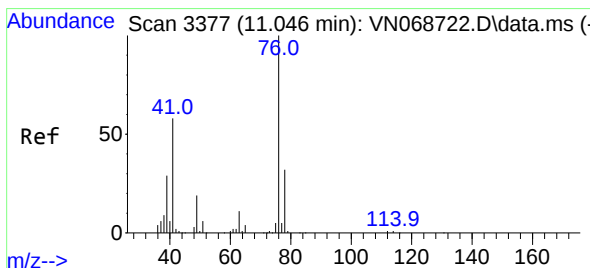
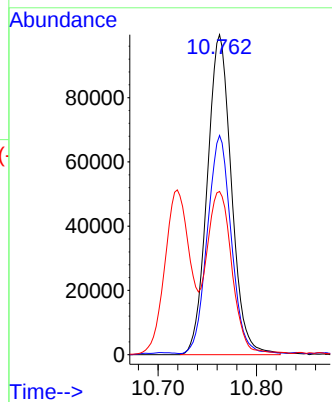
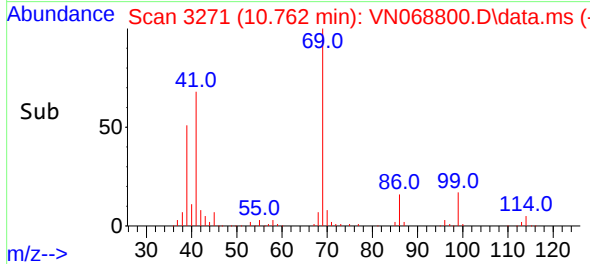




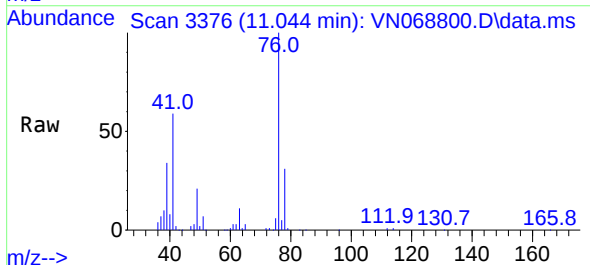
#51
Ethyl methacrylate
Concen: 20.49 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12



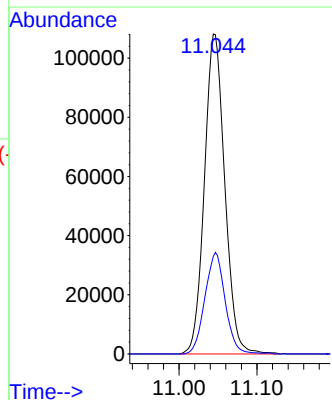
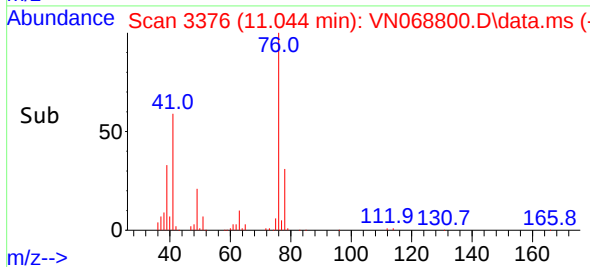
Tgt Ion: 69 Resp: 170213
Ion Ratio Lower Upper
69 100
41 68.2 33.0 98.9
39 50.2 25.4 76.4



#52
1,3-Dichloropropane
Concen: 22.05 ug/l
RT: 11.044 min Scan# 3376
Delta R.T. -0.002 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12



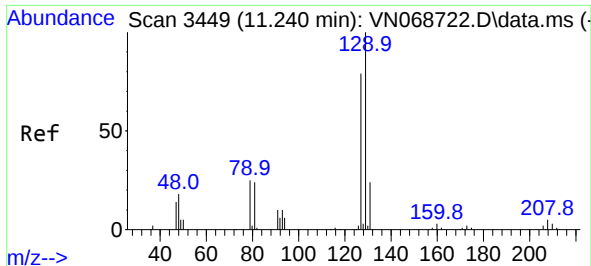
Tgt Ion: 76 Resp: 196869
Ion Ratio Lower Upper
76 100
78 31.5 0.0 65.4



Instrument :
MSVOA_N
ClientSampleId :
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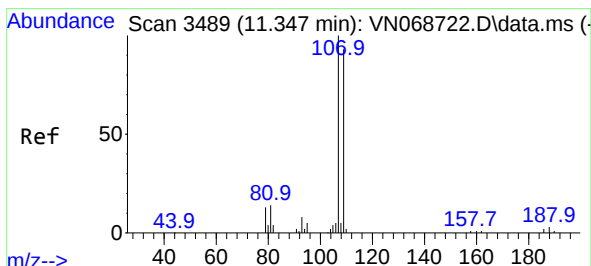
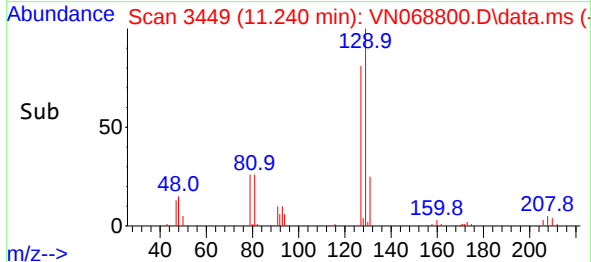
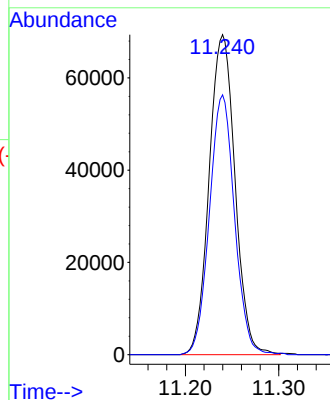
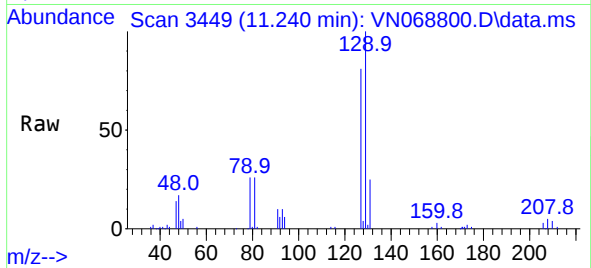
#53
Dibromochloromethane
Concen: 21.31 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. -0.000 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12

Tgt Ion:129 Resp: 133528
Ion Ratio Lower Upper
129 100
127 78.6 39.0 117.0

Instrument :
MSVOA_N
ClientSampleId :
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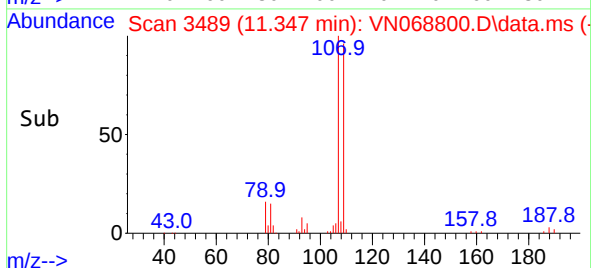
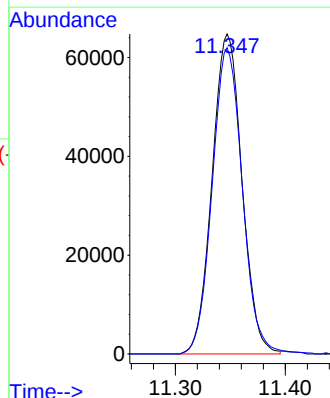
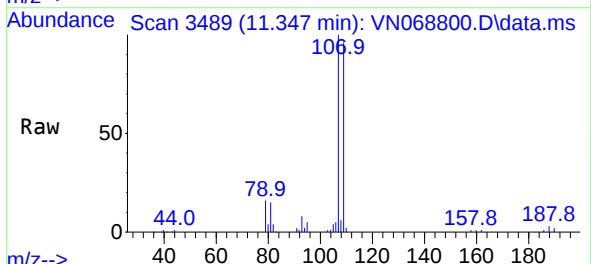
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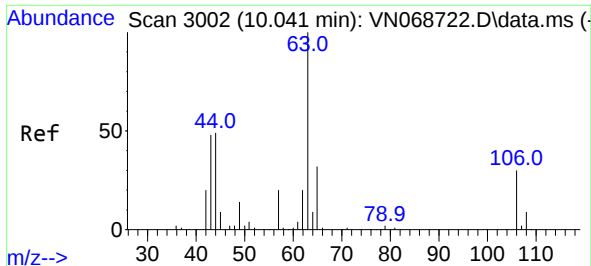
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#54
1,2-Dibromoethane
Concen: 21.11 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. 0.000 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12

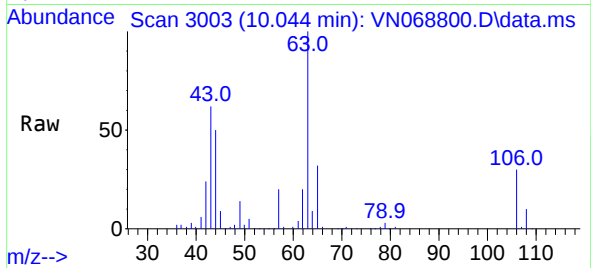
Tgt Ion:107 Resp: 122195
Ion Ratio Lower Upper
107 100
109 96.6 72.8 109.2





#55
2-Chloroethyl vinyl ether
Concen: 76.50 ug/l
RT: 10.044 min Scan# 3003
Delta R.T. 0.003 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12

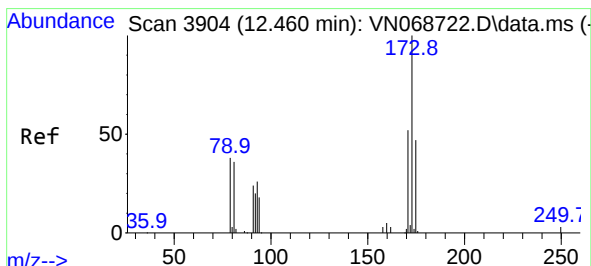
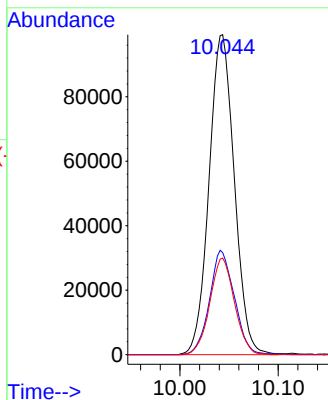
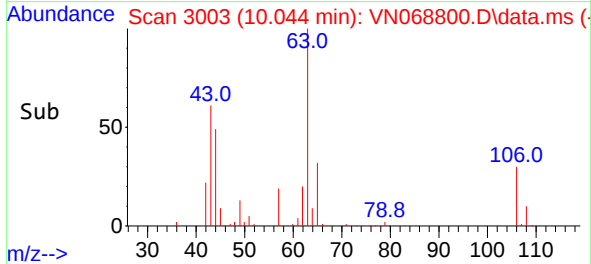
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020



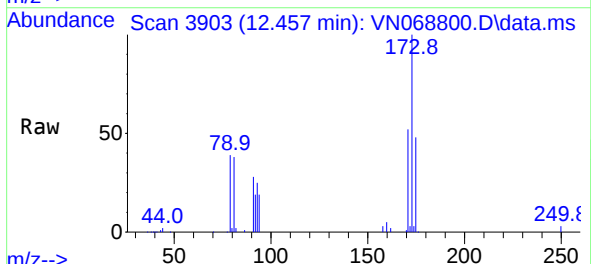
Tgt Ion: 63 Resp: 177477
Ion Ratio Lower Upper
63 100
65 32.0 25.4 38.0
106 29.4 23.2 34.8

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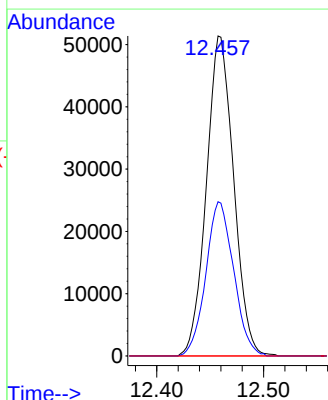
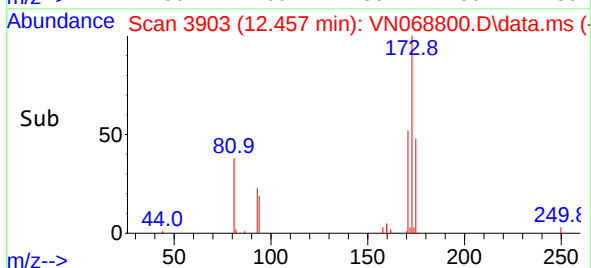
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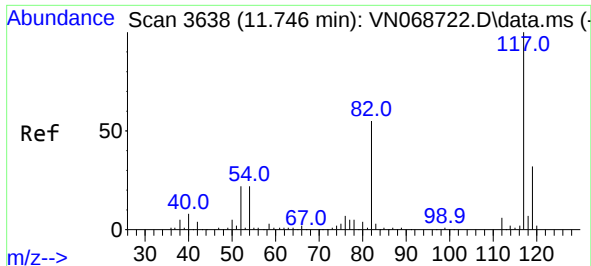


#56
Bromoform
Concen: 20.16 ug/l
RT: 12.457 min Scan# 3903
Delta R.T. -0.003 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12

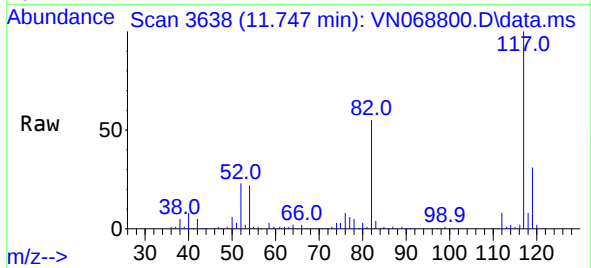


Tgt Ion: 173 Resp: 91095
Ion Ratio Lower Upper
173 100
175 49.1 38.6 58.0
254 0.0 0.0 0.0

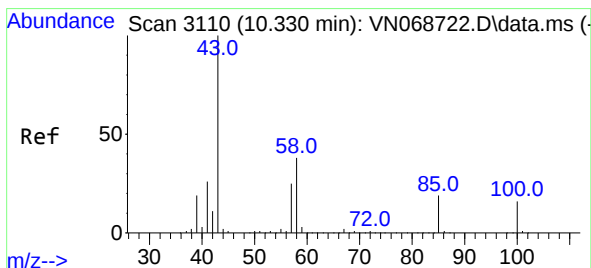
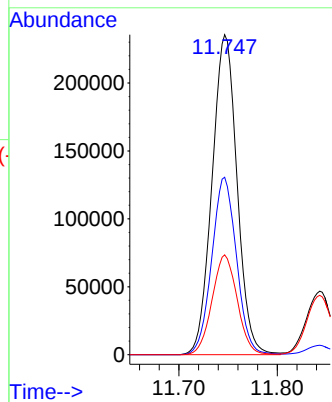
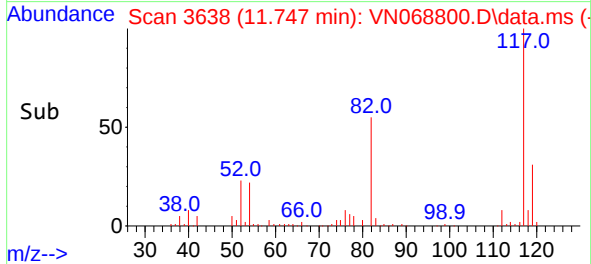




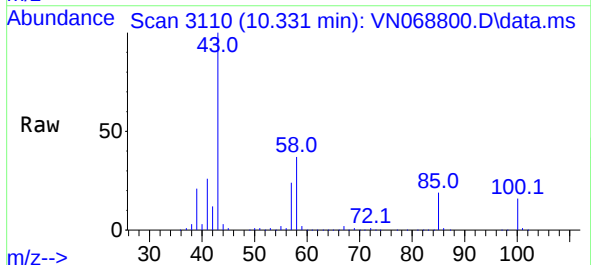
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.001 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12



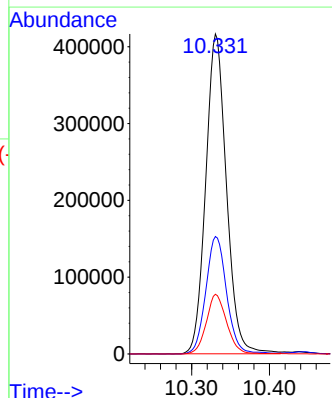
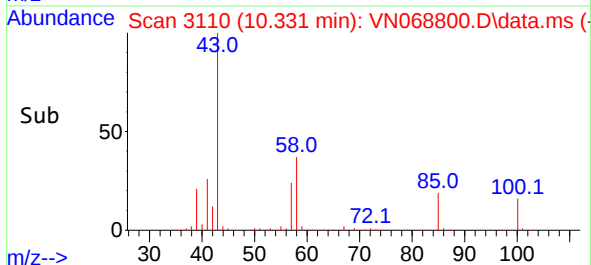
Tgt Ion: 117 Resp: 416906
Ion Ratio Lower Upper
117 100
82 54.8 43.6 65.4
119 31.3 25.8 38.6



#58
4-Methyl-2-Pentanone
Concen: 109.59 ug/l
RT: 10.331 min Scan# 3110
Delta R.T. 0.001 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12



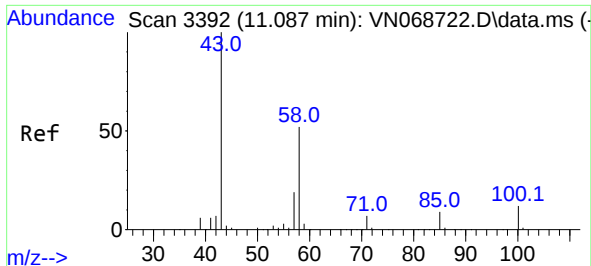
Tgt Ion: 43 Resp: 771162
Ion Ratio Lower Upper
43 100
58 36.7 30.0 45.0
85 18.3 15.0 22.6



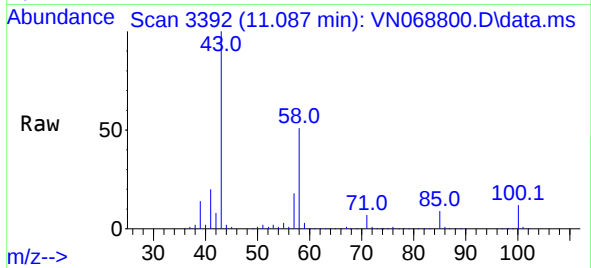
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

Manual Integrations
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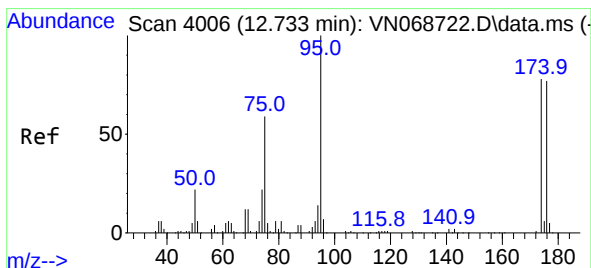
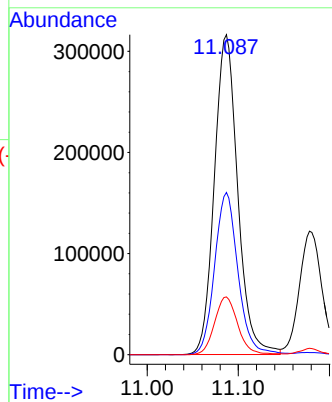
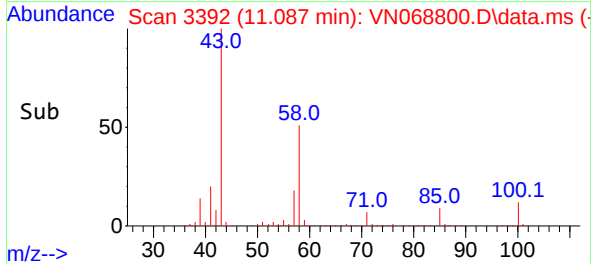
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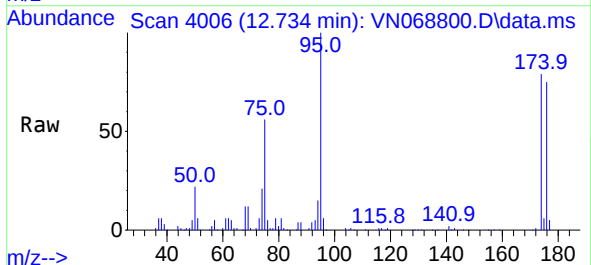
#59
2-Hexanone
Concen: 109.87 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. -0.000 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12



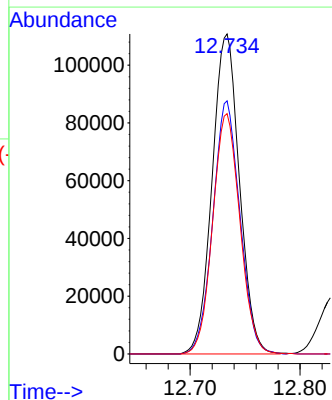
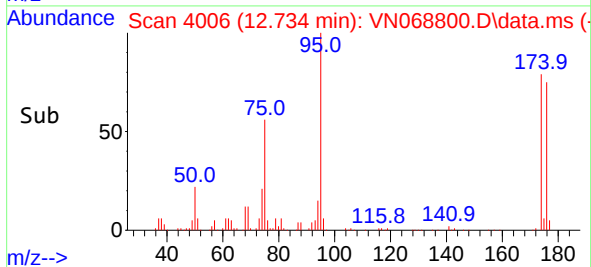
Tgt Ion: 43 Resp: 563166
Ion Ratio Lower Upper
43 100
58 50.9 42.2 63.2
57 17.8 15.0 22.4



#60
4-Bromofluorobenzene
Concen: 29.33 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.001 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12



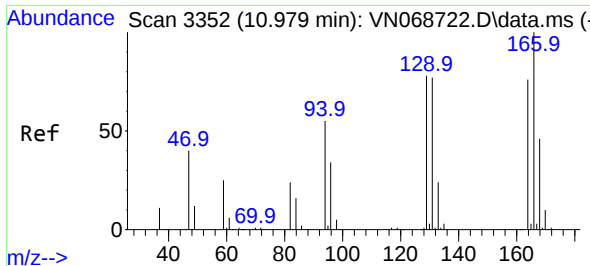
Tgt Ion: 95 Resp: 191050
Ion Ratio Lower Upper
95 100
174 78.3 62.9 94.3
176 75.0 61.0 91.4



Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

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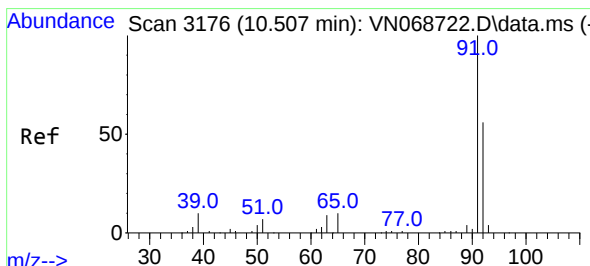
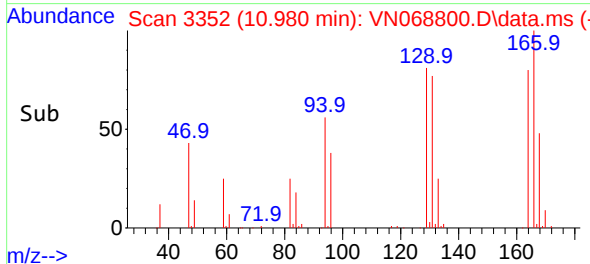
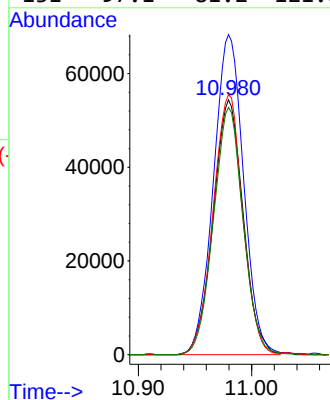
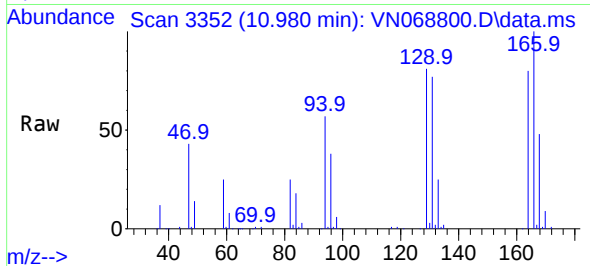
#61
Tetrachloroethene
Concen: 20.46 ug/l
RT: 10.980 min Scan# 3352
Delta R.T. 0.001 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12

Tgt Ion:164 Resp: 99972
Ion Ratio Lower Upper
164 100
166 125.3 105.8 158.8
129 101.7 82.5 123.7
131 97.1 81.2 121.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

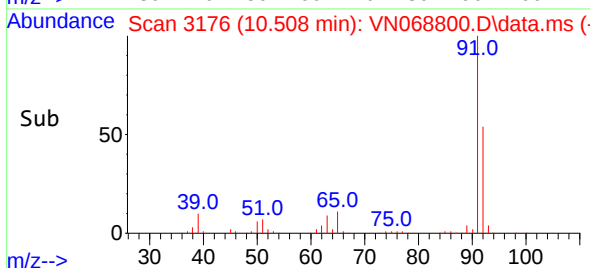
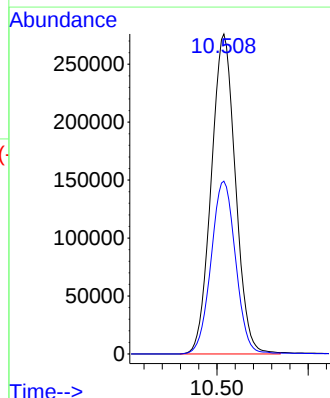
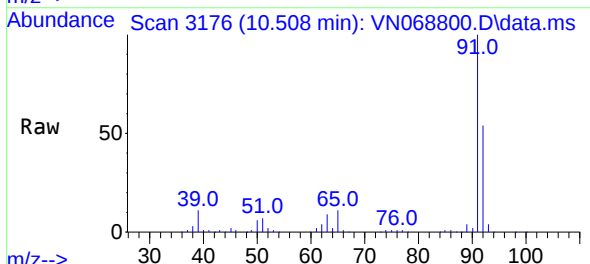
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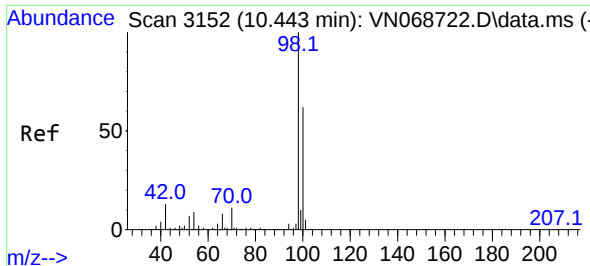
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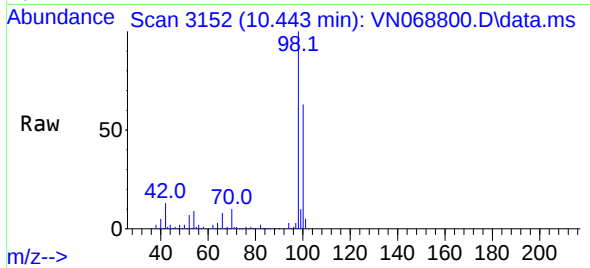
#62
Toluene
Concen: 20.40 ug/l
RT: 10.508 min Scan# 3176
Delta R.T. 0.001 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12

Tgt Ion: 91 Resp: 508378
Ion Ratio Lower Upper
91 100
92 54.7 44.6 67.0

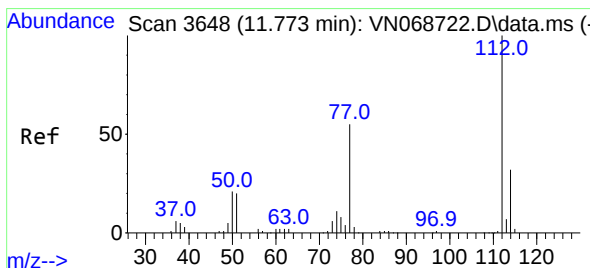
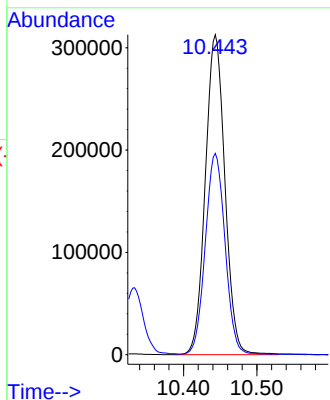
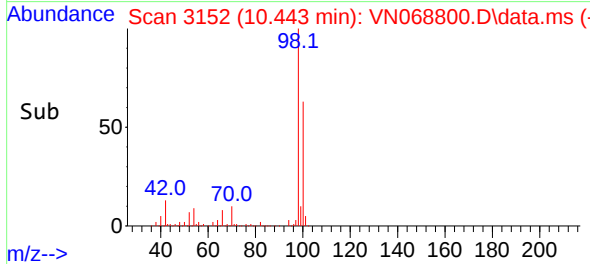




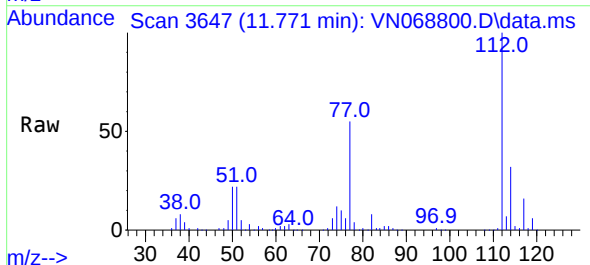
#63
Toluene-d8
Concen: 30.80 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12



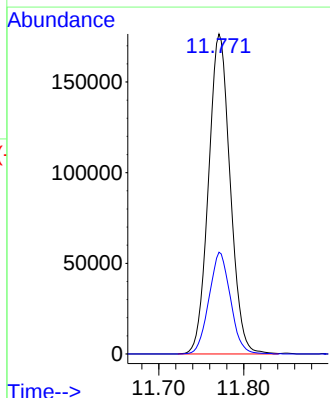
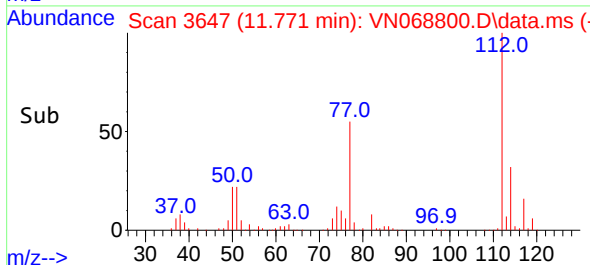
Tgt Ion: 98 Resp: 580324
Ion Ratio Lower Upper
98 100
100 63.0 50.6 76.0



#64
Chlorobenzene
Concen: 20.46 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.002 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12



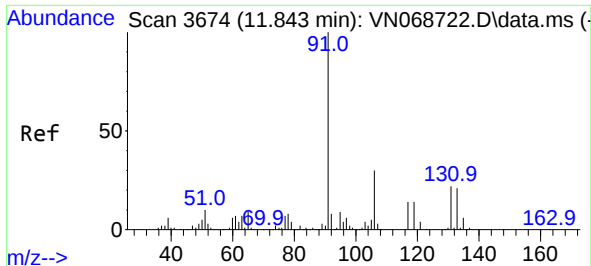
Tgt Ion: 112 Resp: 312885
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.6



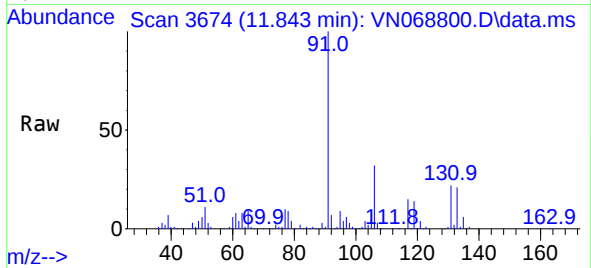
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Manual Integrations
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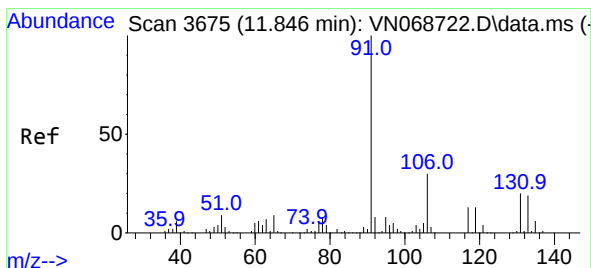
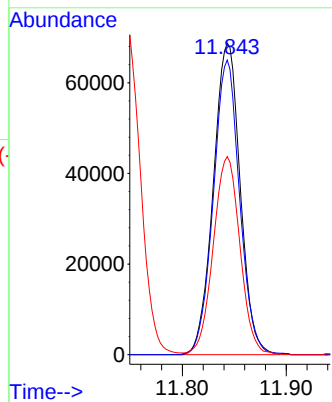
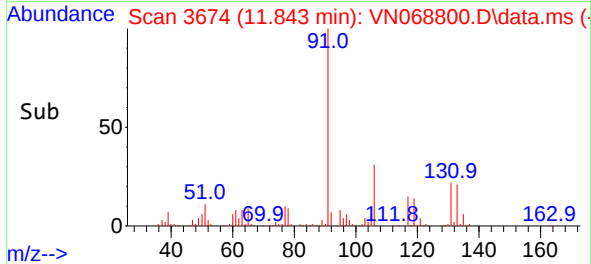
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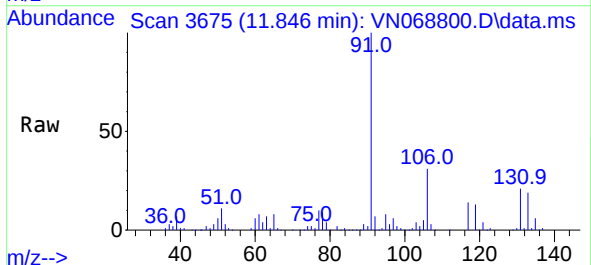
#65
1,1,1,2-Tetrachloroethane
Concen: 20.84 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12



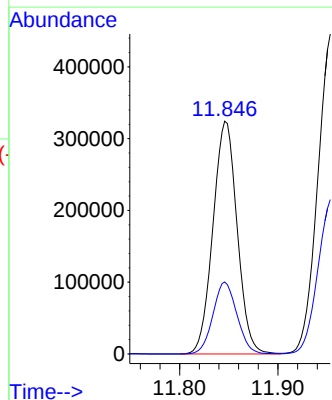
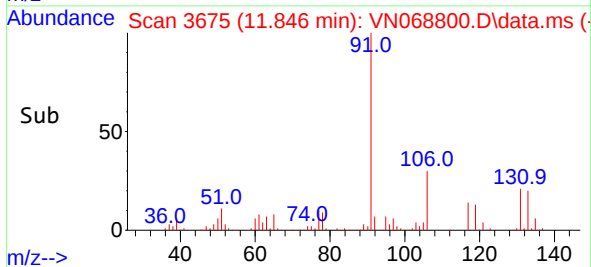
Tgt Ion:131 Resp: 123656
Ion Ratio Lower Upper
131 100
133 92.5 0.0 191.2
119 63.2 0.0 128.8



#66
Ethyl Benzene
Concen: 19.75 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.000 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12



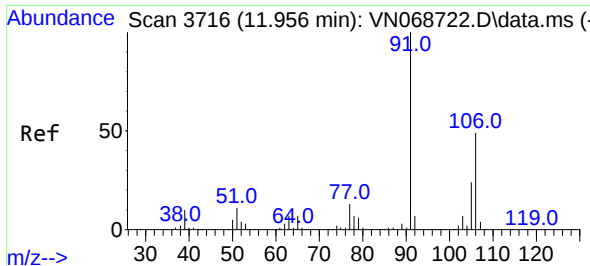
Tgt Ion: 91 Resp: 554756
Ion Ratio Lower Upper
91 100
106 30.9 24.0 36.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Manual Integrations
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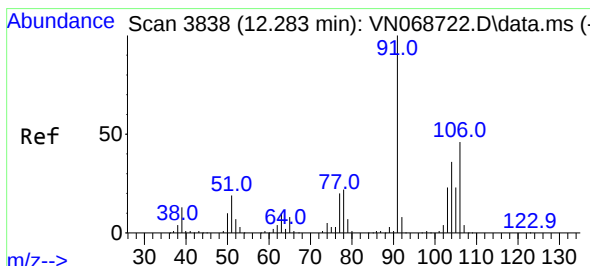
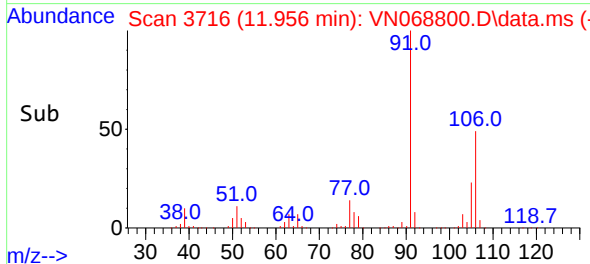
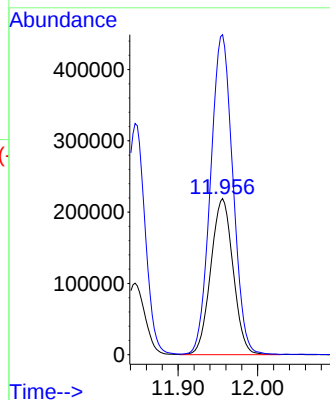
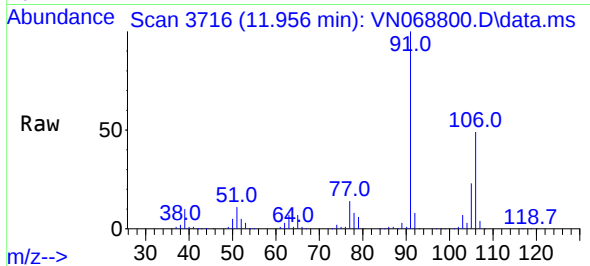
#67
m/p-Xylenes
Concen: 39.37 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. -0.000 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12

Tgt Ion:106 Resp: 426996
Ion Ratio Lower Upper
106 100
91 205.5 162.9 244.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

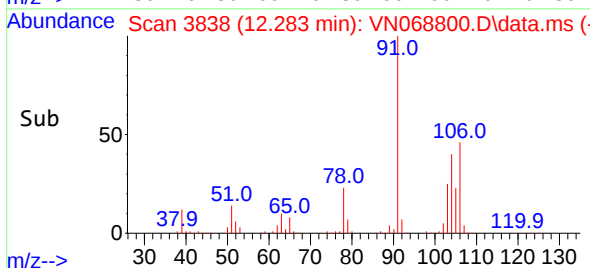
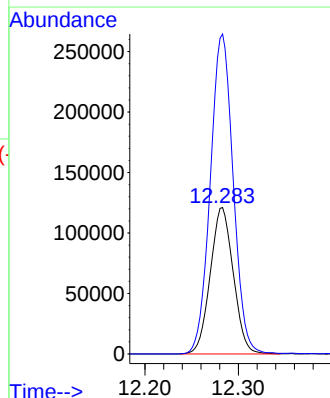
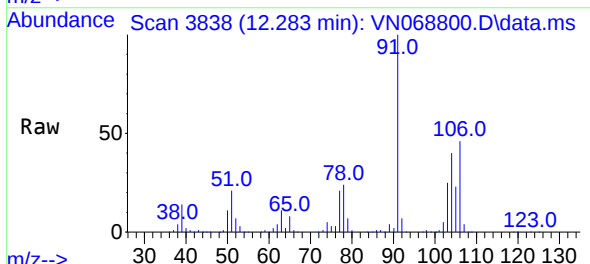
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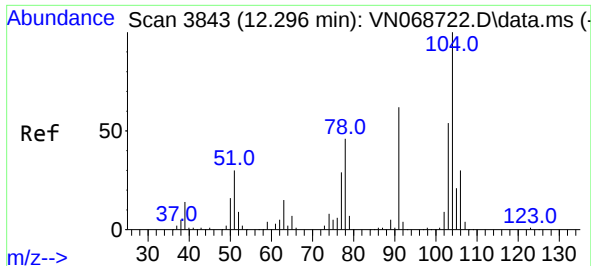
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#68
o-Xylene
Concen: 19.44 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12

Tgt Ion:106 Resp: 207528
Ion Ratio Lower Upper
106 100
91 216.9 107.7 323.1





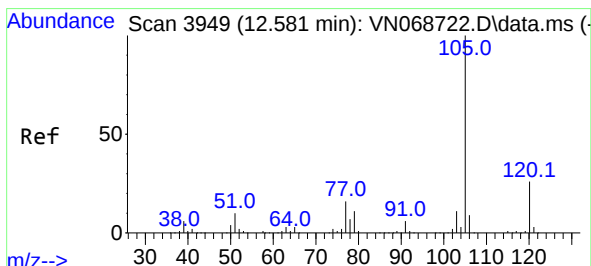
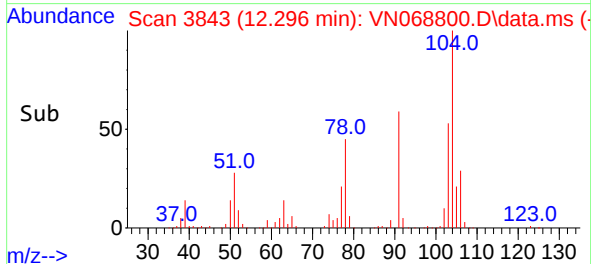
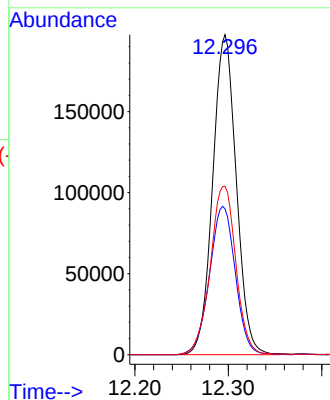
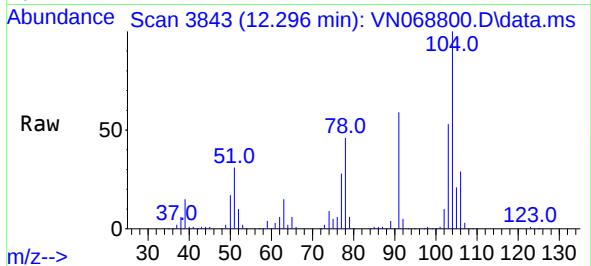
#69
Styrene
Concen: 19.69 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.000 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12

Tgt Ion:104 Resp: 346963
Ion Ratio Lower Upper
104 100
78 50.6 40.7 61.1
103 57.1 45.8 68.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

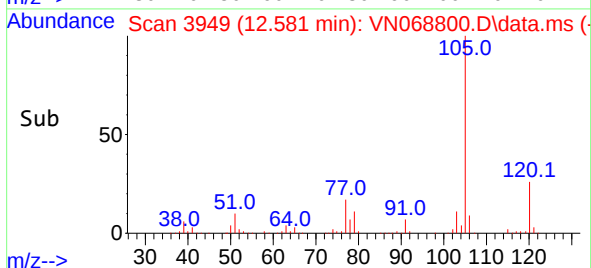
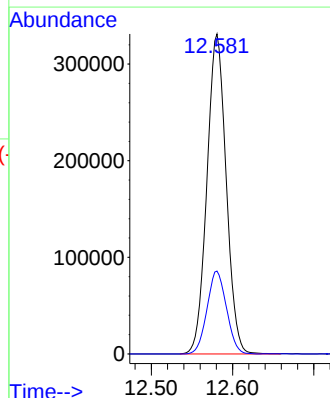
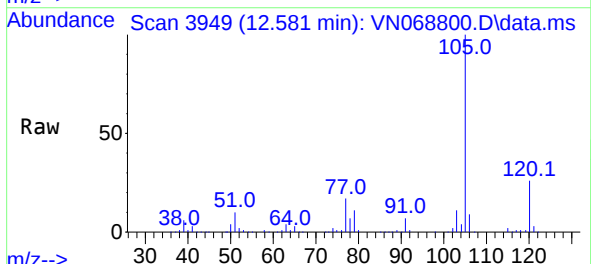
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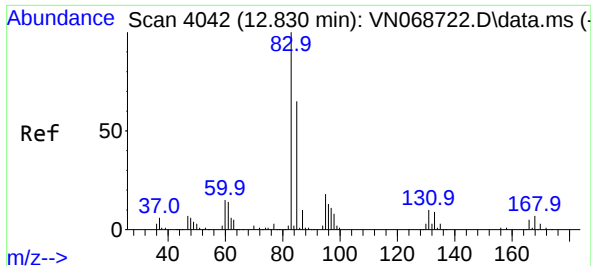
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#70
Isopropylbenzene
Concen: 19.26 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. -0.000 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12

Tgt Ion:105 Resp: 545203
Ion Ratio Lower Upper
105 100
120 26.2 18.3 34.1





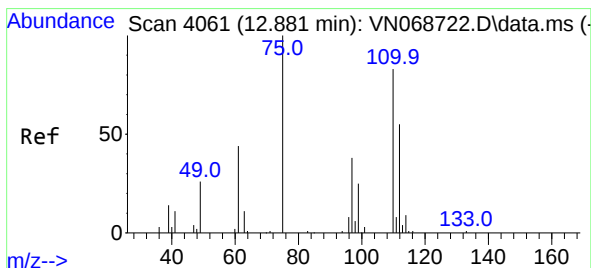
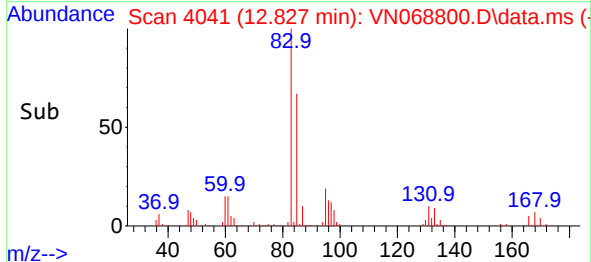
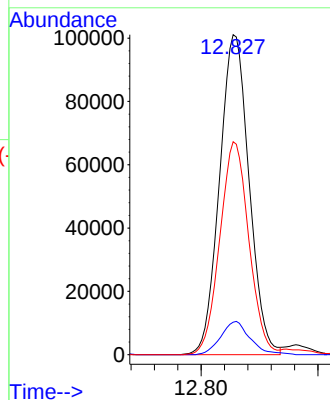
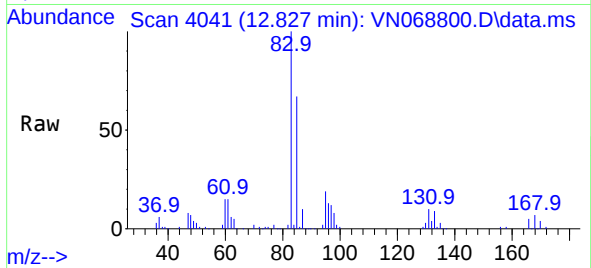
#71
1,1,2,2-Tetrachloroethane
Concen: 22.26 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. -0.003 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12

Tgt Ion: 83 Resp: 177563
Ion Ratio Lower Upper
83 100
131 10.3 5.1 15.3
85 65.3 33.1 99.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

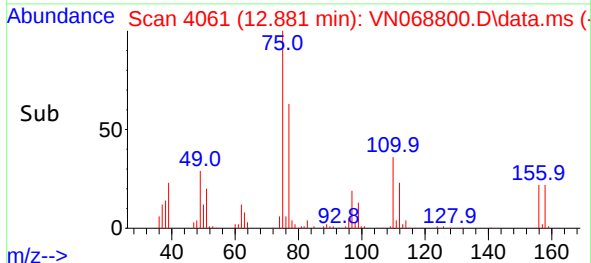
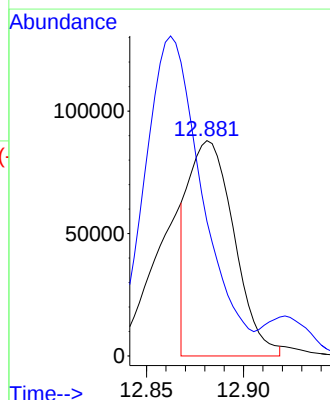
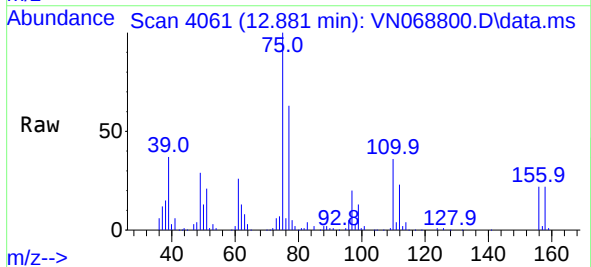
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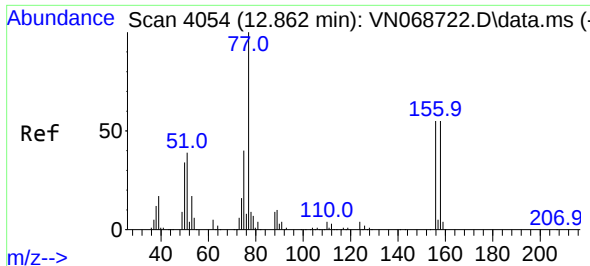
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#72
1,2,3-Trichloropropane
Concen: 22.19 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12

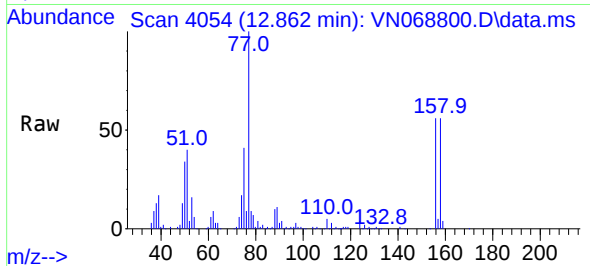
Tgt Ion: 75 Resp: 143422
Ion Ratio Lower Upper
75 100
77 188.1 0.0 378.0





#73
Bromobenzene
Concen: 19.86 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12

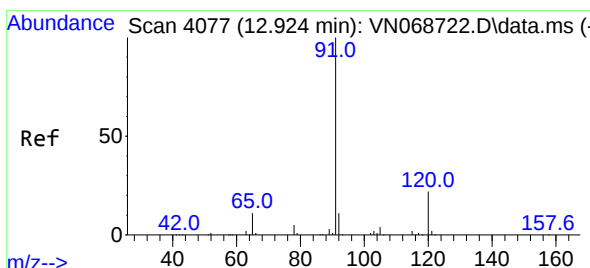
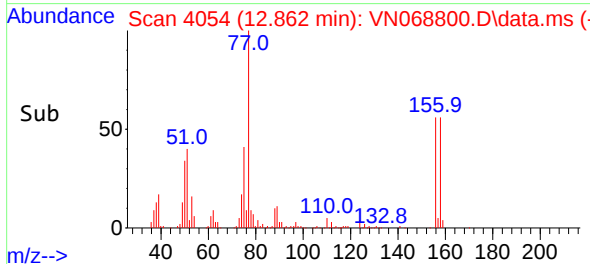
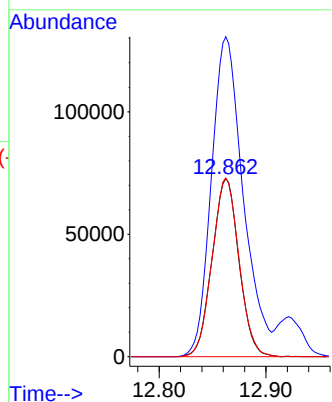
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020



Tgt Ion:156 Resp: 127251
Ion Ratio Lower Upper
156 100
77 212.0 0.0 416.0
158 100.3 0.0 195.4

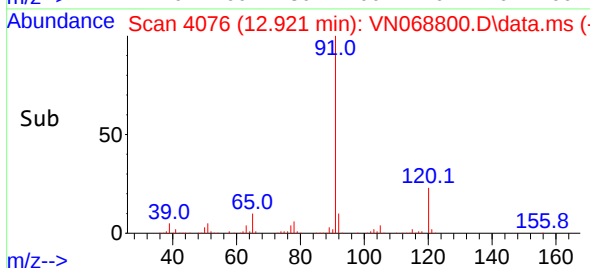
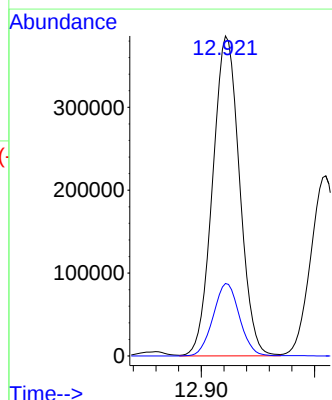
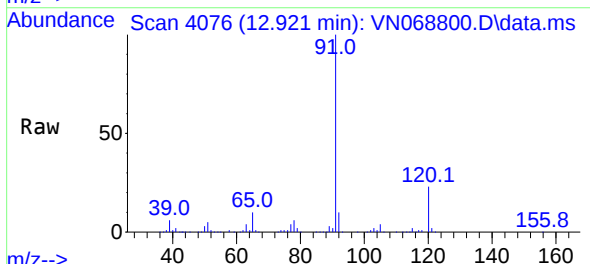
Manual Integrations
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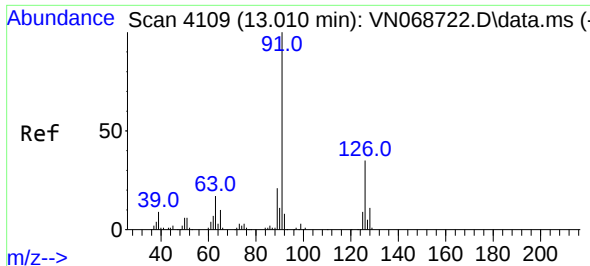
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#74
n-propylbenzene
Concen: 19.59 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. -0.003 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12

Tgt Ion: 91 Resp: 635948
Ion Ratio Lower Upper
91 100
120 22.1 0.0 45.0





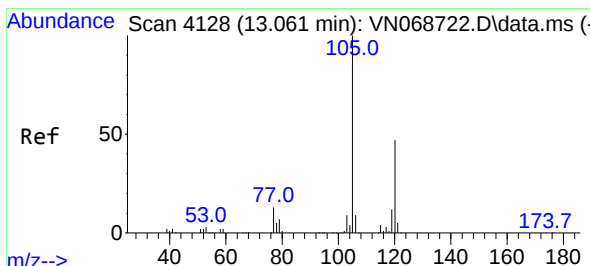
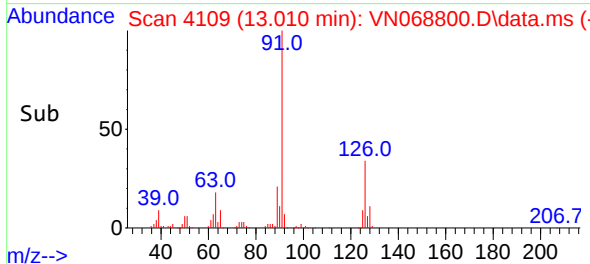
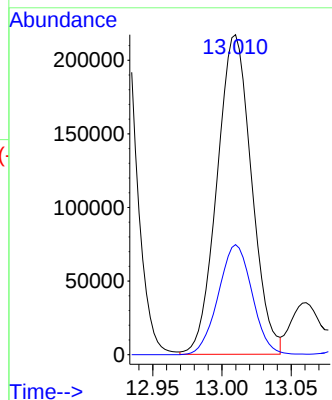
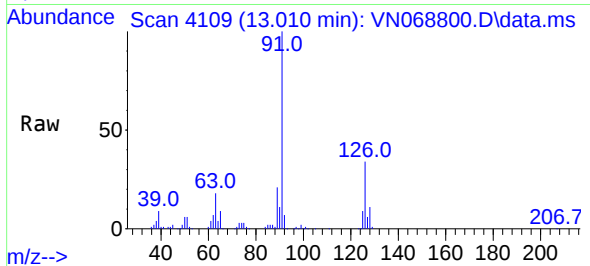
#75
2-Chlorotoluene
Concen: 19.90 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. -0.000 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

Tgt Ion: 91 Resp: 377072
Ion Ratio Lower Upper
91 100
126 33.7 0.0 69.8

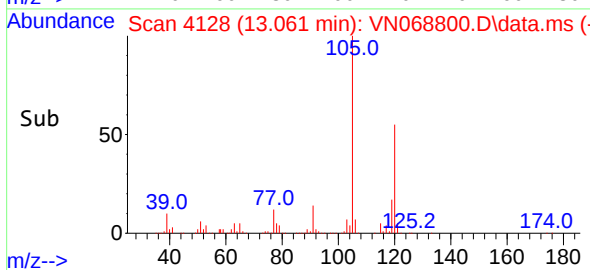
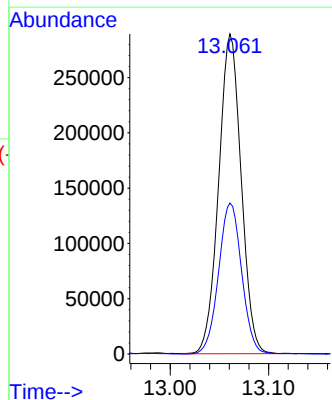
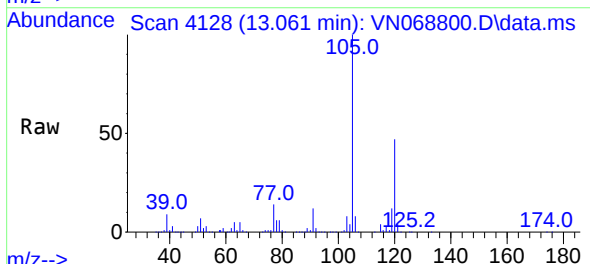
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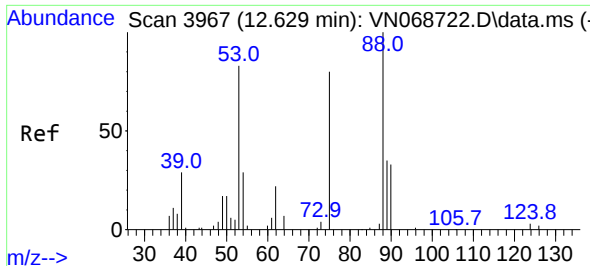
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#76
1,3,5-Trimethylbenzene
Concen: 19.68 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12

Tgt Ion: 105 Resp: 460200
Ion Ratio Lower Upper
105 100
120 48.3 0.0 93.8





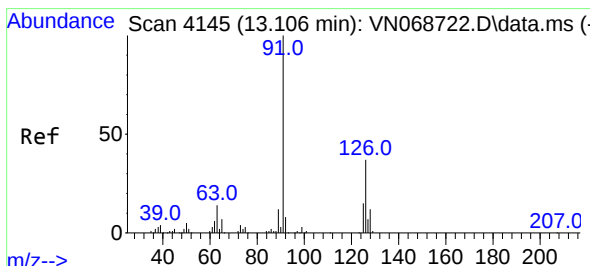
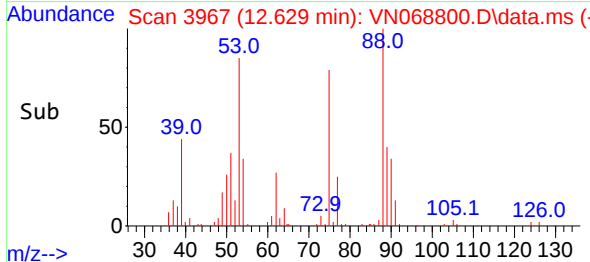
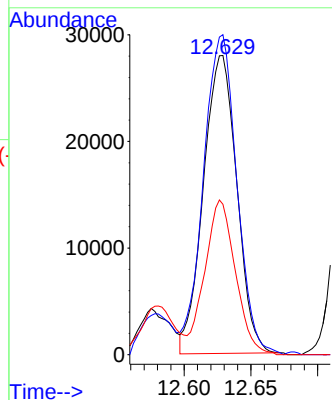
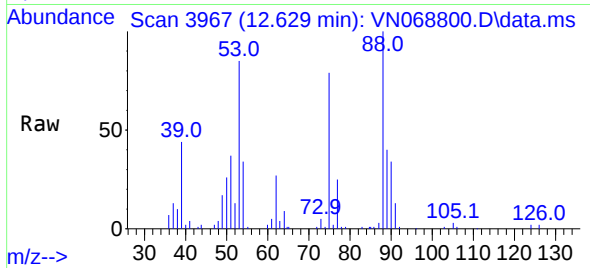
#77
t-1,4-Dichloro-2-butene
Concen: 19.31 ug/l
RT: 12.629 min Scan# 3967
Delta R.T. -0.000 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12

Tgt Ion: 75 Resp: 48677
Ion Ratio Lower Upper
75 100
53 106.9 51.8 155.5
89 50.6 22.9 68.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

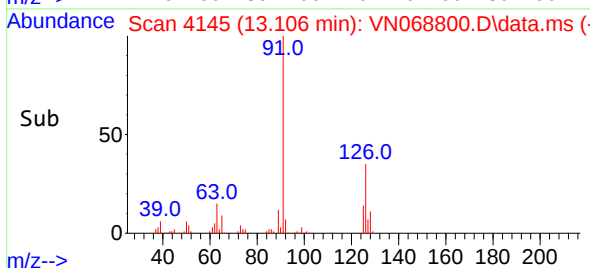
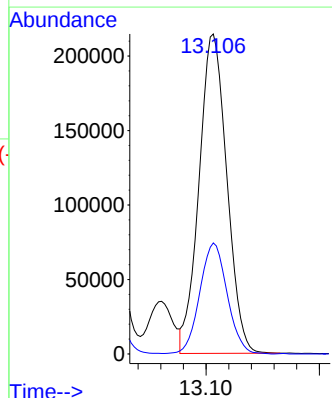
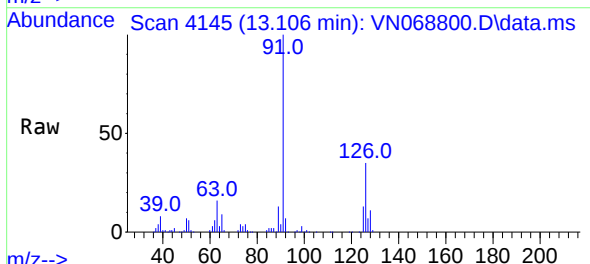
Manual Integrations
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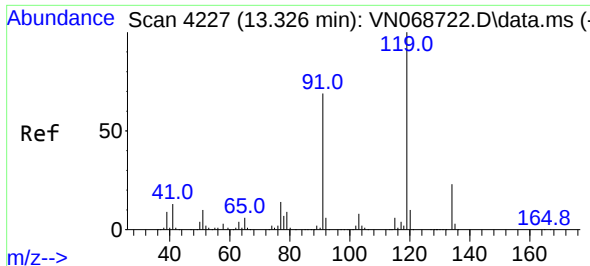
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#78
4-Chlorotoluene
Concen: 19.42 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12

Tgt Ion: 91 Resp: 364446
Ion Ratio Lower Upper
91 100
126 34.4 0.0 70.6





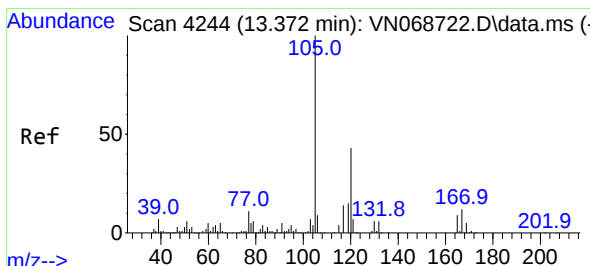
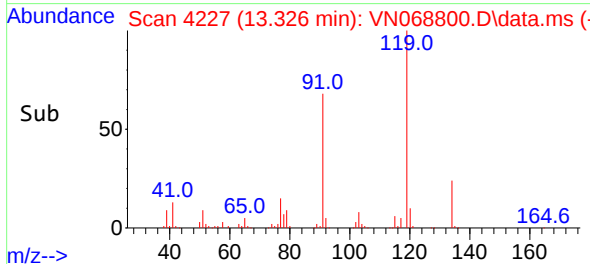
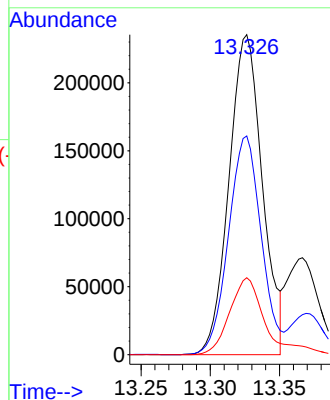
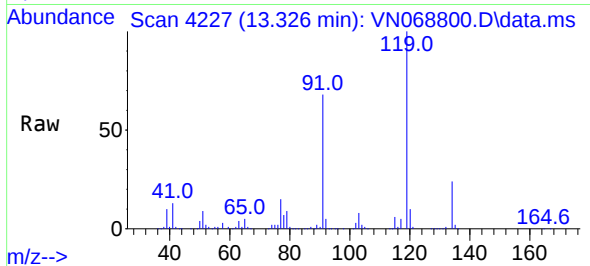
#79
tert-butylbenzene
Concen: 19.35 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. 0.000 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12

Tgt Ion:119 Resp: 394821
Ion Ratio Lower Upper
119 100
91 67.5 0.0 137.0
134 25.7 0.0 47.6

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

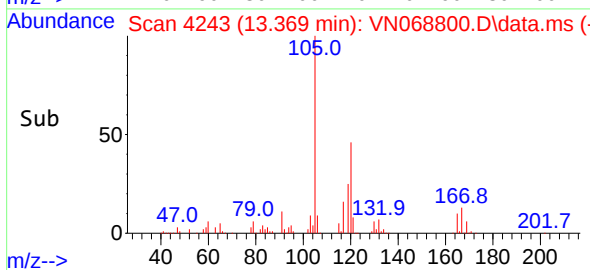
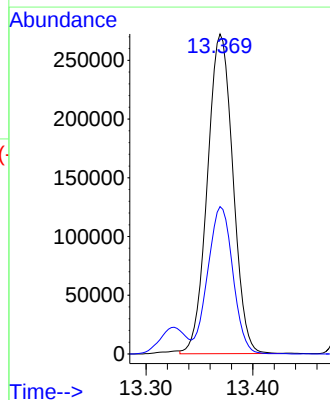
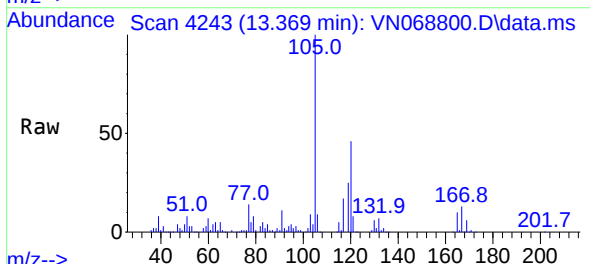
Manual Integrations
APPROVED

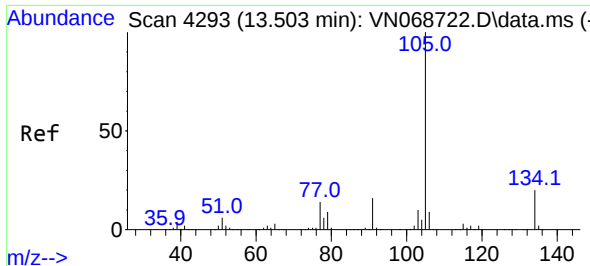
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#80
1,2,4-Trimethylbenzene
Concen: 19.49 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. -0.003 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12

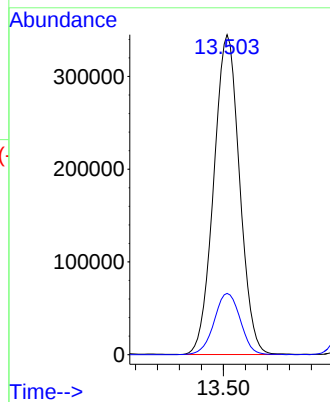
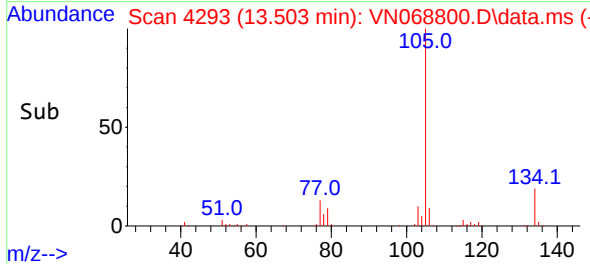
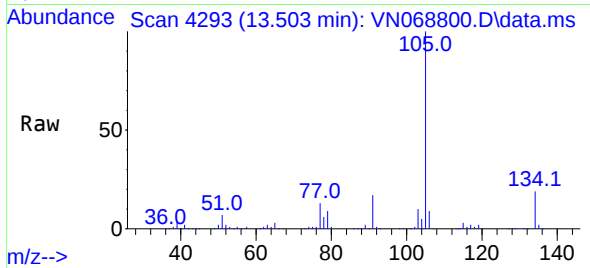
Tgt Ion:105 Resp: 451754
Ion Ratio Lower Upper
105 100
120 45.2 0.0 0.2#





#81
sec-Butylbenzene
Concen: 19.19 ug/l
RT: 13.503 min Scan# 4293
Delta R.T. 0.000 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12

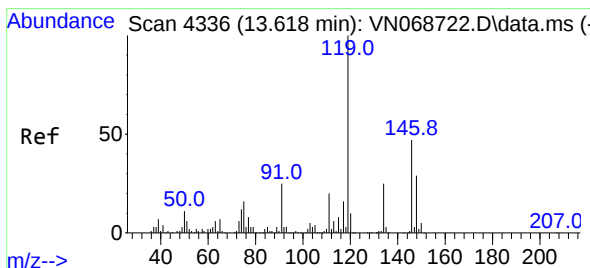
Tgt Ion:105 Resp: 561395
Ion Ratio Lower Upper
105 100
134 19.5 0.0 39.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

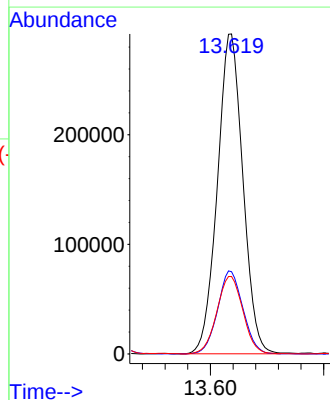
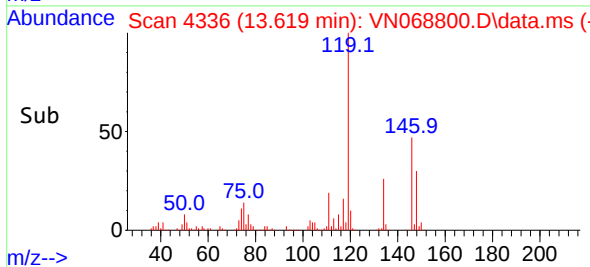
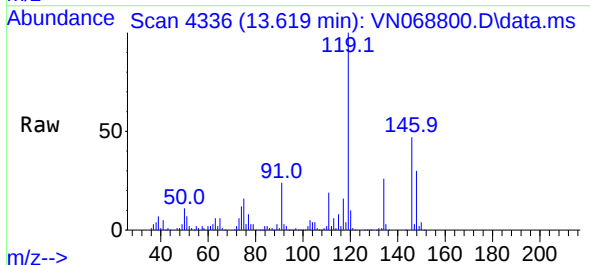
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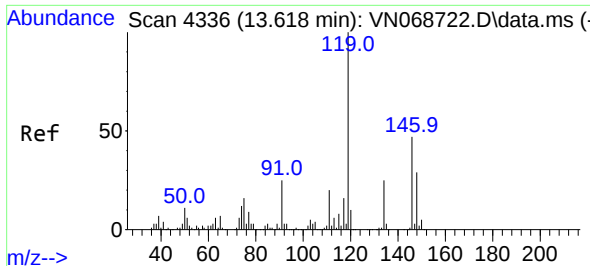
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#82
p-Isopropyltoluene
Concen: 18.80 ug/l
RT: 13.619 min Scan# 4336
Delta R.T. 0.001 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12

Tgt Ion:119 Resp: 455584
Ion Ratio Lower Upper
119 100
134 25.8 0.0 51.8
91 24.8 0.0 50.4





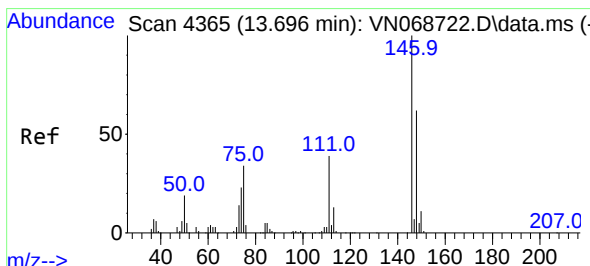
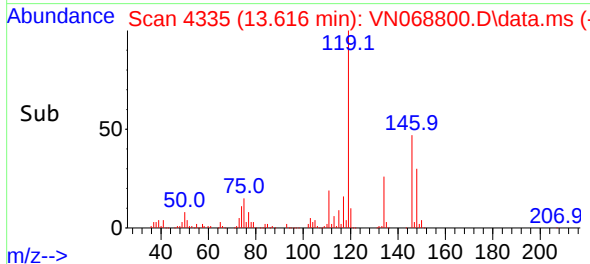
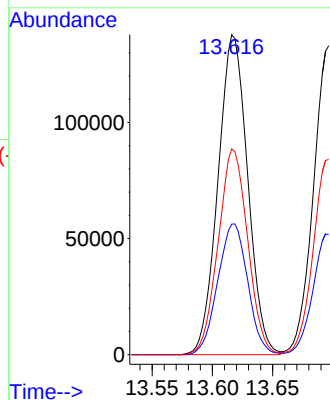
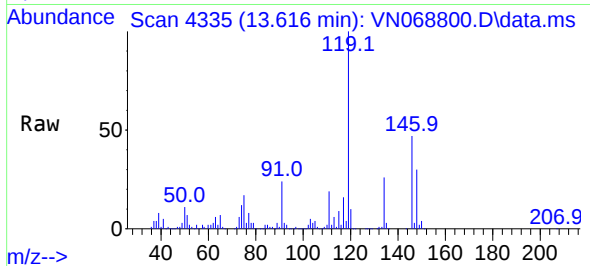
#83
1,3-Dichlorobenzene
Concen: 19.84 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. -0.002 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12

Tgt Ion:146 Resp: 235907
Ion Ratio Lower Upper
146 100
111 41.3 20.8 62.2
148 64.0 31.4 94.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

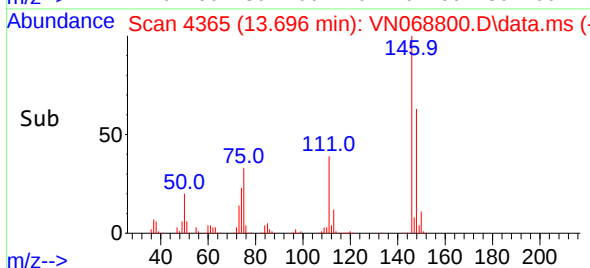
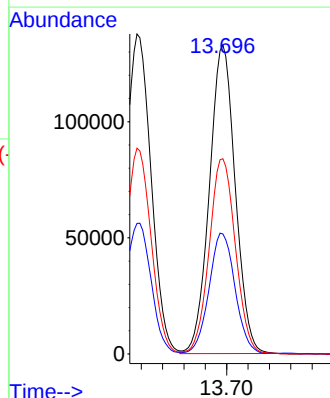
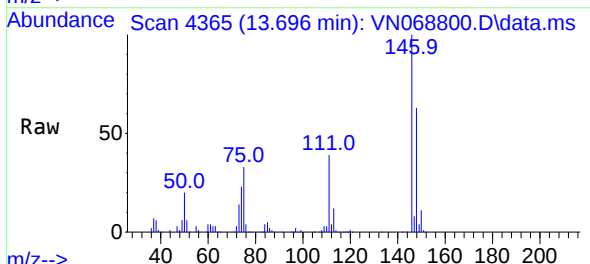
Manual Integrations
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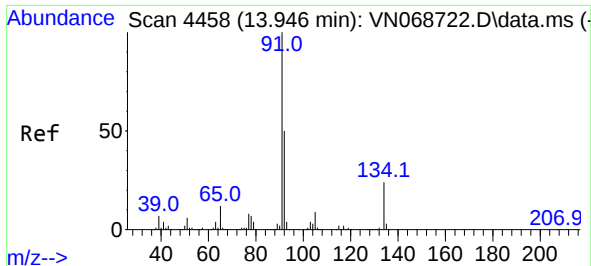
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#84
1,4-Dichlorobenzene
Concen: 19.73 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12

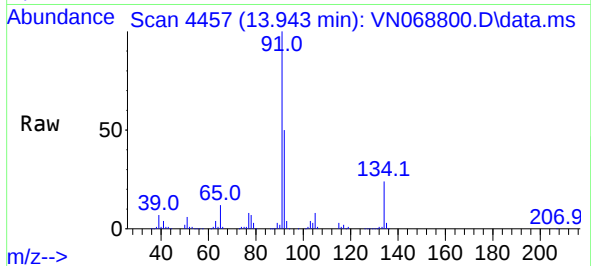
Tgt Ion:146 Resp: 223112
Ion Ratio Lower Upper
146 100
111 39.6 19.5 58.5
148 64.4 31.1 93.5





#85
n-Butylbenzene
Concen: 18.53 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. -0.003 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12

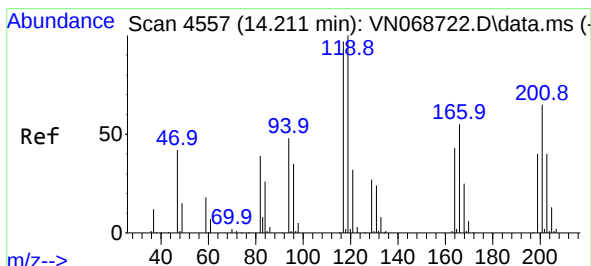
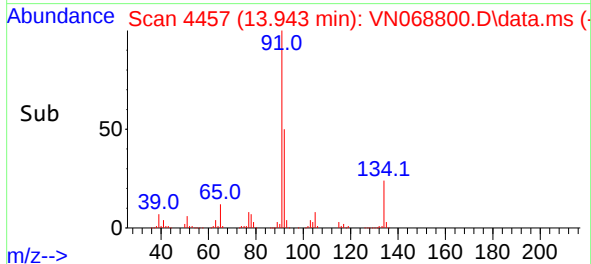
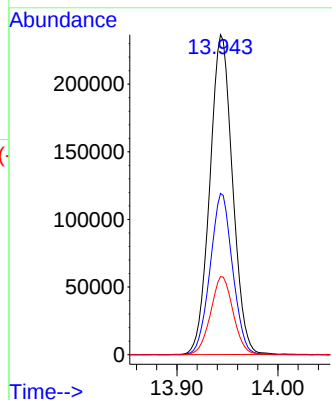
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020



Tgt Ion: 91 Resp: 369461
Ion Ratio Lower Upper
91 100
92 49.8 0.0 100.6
134 24.2 0.0 50.2

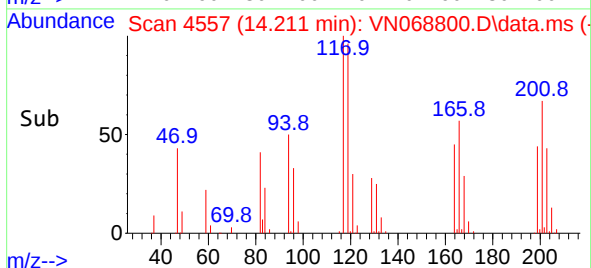
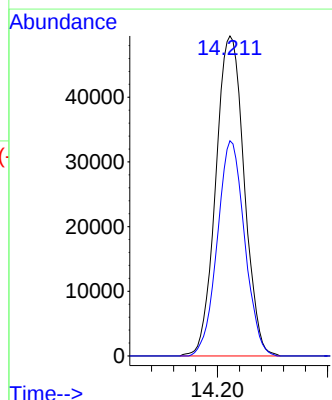
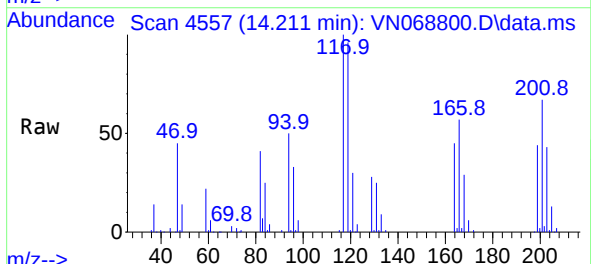
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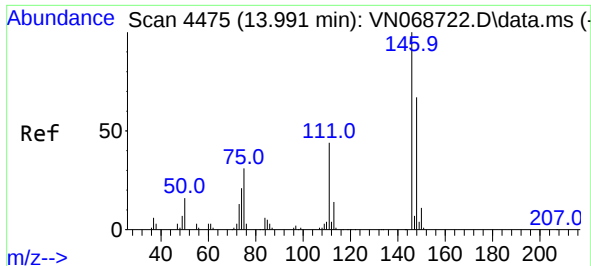
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#86
Hexachloroethane
Concen: 19.45 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12

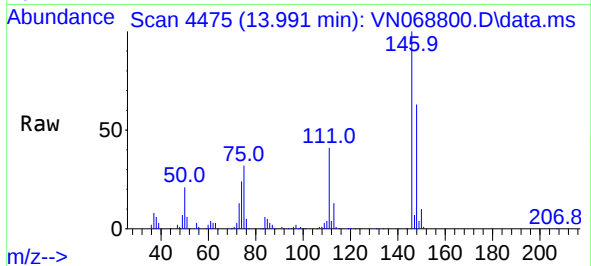
Tgt Ion: 117 Resp: 88720
Ion Ratio Lower Upper
117 100
201 64.7 33.3 99.8





#87
1,2-Dichlorobenzene
Concen: 20.66 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. 0.000 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12

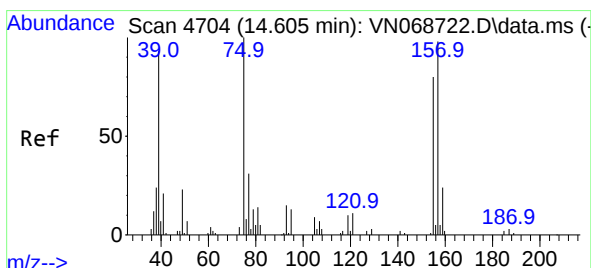
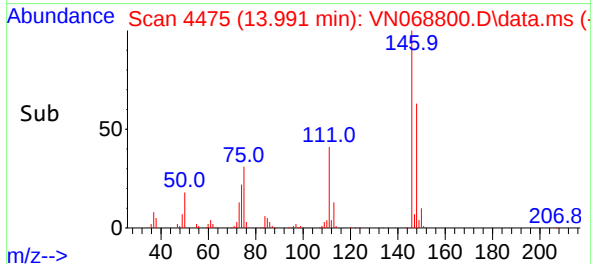
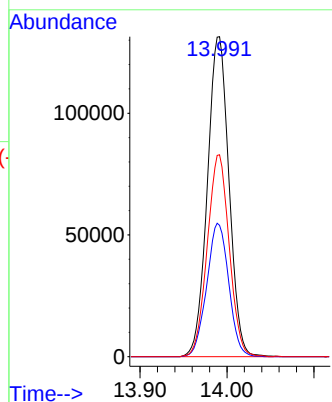
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020



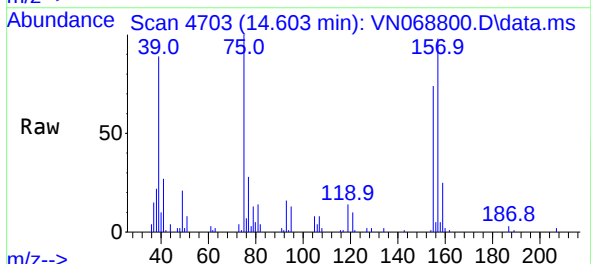
Tgt Ion:146 Resp: 227152
Ion Ratio Lower Upper
146 100
111 42.4 21.4 64.2
148 64.0 32.5 97.4

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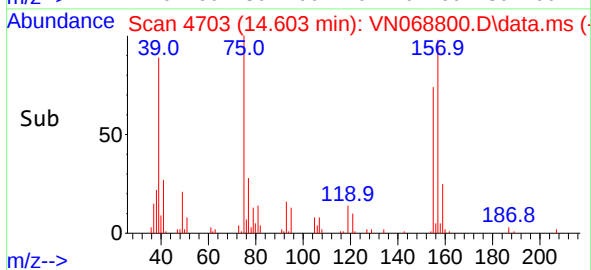
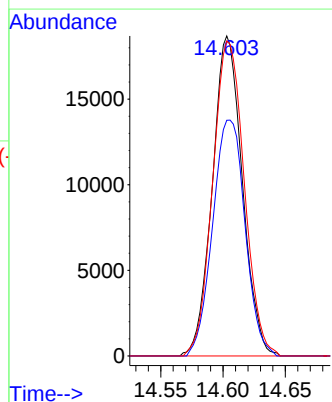
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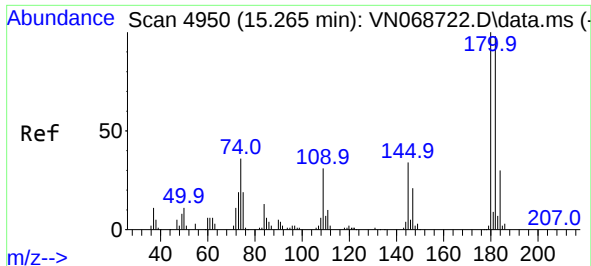


#88
1,2-Dibromo-3-Chloropropane
Concen: 21.93 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. -0.002 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12



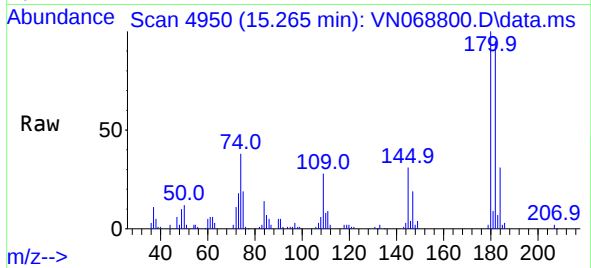
Tgt Ion: 75 Resp: 31286
Ion Ratio Lower Upper
75 100
155 79.7 63.8 95.8
157 103.3 77.9 116.9





#89
1,2,4-Trichlorobenzene
Concen: 18.52 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12

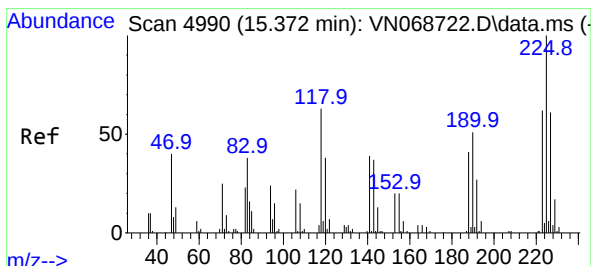
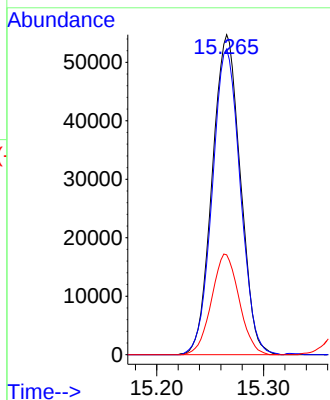
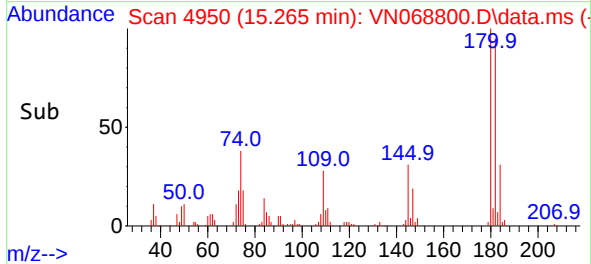
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



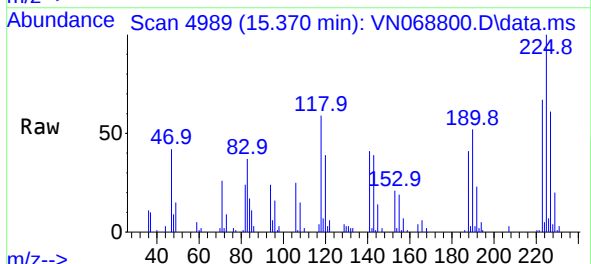
Tgt Ion:180 Resp: 100019
Ion Ratio Lower Upper
180 100
182 95.0 77.7 116.5
145 30.9 26.6 39.8

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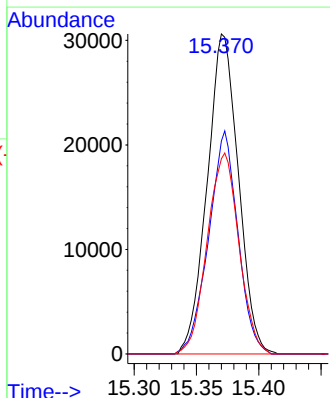
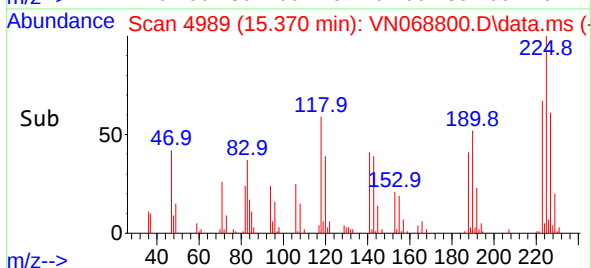
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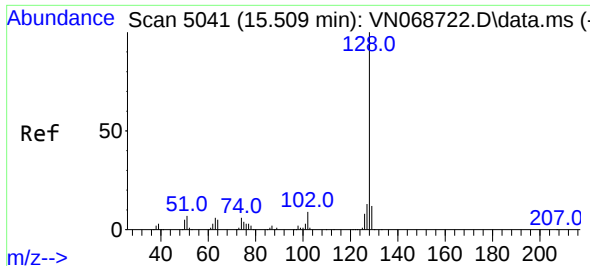


#90
Hexachlorobutadiene
Concen: 19.81 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. -0.002 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12



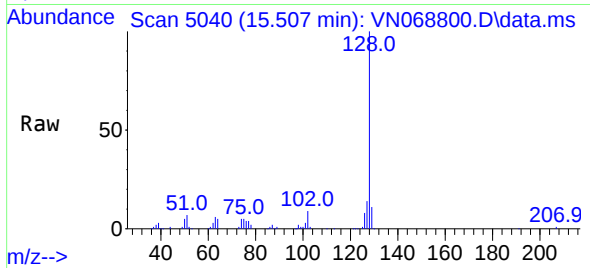
Tgt Ion:225 Resp: 53328
Ion Ratio Lower Upper
225 100
223 65.4 0.0 126.8
227 63.7 0.0 123.0





#91
Naphthalene
Concen: 17.99 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.002 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12

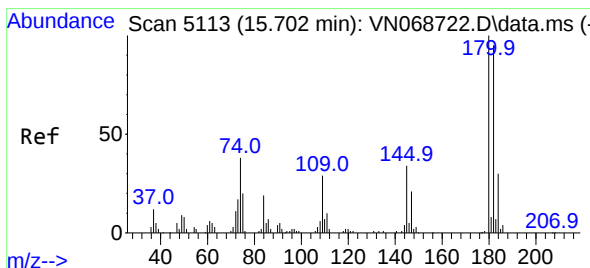
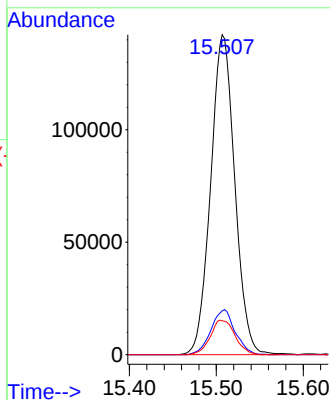
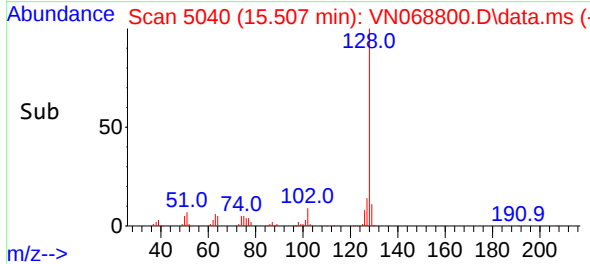
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



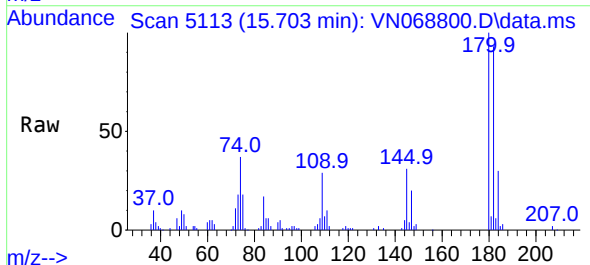
Tgt Ion:128 Resp: 274200
Ion Ratio Lower Upper
128 100
127 14.1 10.7 16.1
129 11.0 9.0 13.6

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 19.58 ug/l
RT: 15.703 min Scan# 5113
Delta R.T. 0.001 min
Lab File: VN068800.D
Acq: 5 Oct 2021 13:12



Tgt Ion:180 Resp: 101395
Ion Ratio Lower Upper
180 100
182 94.6 0.0 190.0
145 32.9 0.0 67.8

