

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123120\
 Data File : VN065335.D
 Acq On : 31 Dec 2020 9:35
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

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 1/4/2021 9:29:19 AM

Quant Time: Jan 01 01:12:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N122120W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Dec 21 13:17:58 2020
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.155	128	49486	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.550	114	271415	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.380	117	249048	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.987	65	102083	28.43	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	94.77%		
60) 4-Bromofluorobenzene	12.376	95	113186	28.57	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	95.23%		
63) Toluene-d8	10.058	98	328055	29.70	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	99.00%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.849	85	46238	17.67	ug/l	97
3) Chloromethane	2.055	50	56572	18.44	ug/l	99
4) Vinyl Chloride	2.181	62	59608	18.48	ug/l	99
5) Bromomethane	2.541	94	41133	17.67	ug/l	96
6) Chloroethane	2.685	64	37604	18.25	ug/l	99
7) Trichlorofluoromethane	3.000	101	79794	17.04	ug/l	95
8) Diethyl Ether	3.386	74	31738	18.59	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.721	101	47487	18.26	ug/l	46
10) 1,1-Dichloroethene	3.701	96	47733	18.11	ug/l	83
11) Methyl Iodide	3.910	142	63980	16.37	ug/l	90
12) Methyl Acetate	4.293	43	50829	18.59	ug/l	96
13) Acrolein	3.576	56	50594	135.64	ug/l	99
14) Acrylonitrile	4.946	53	113769	89.07	ug/l	99
15) Acetone	3.788	58	58118	143.68	ug/l #	63
16) Carbon Disulfide	4.007	76	127973	16.81	ug/l	99
17) Allyl chloride	4.277	41	77686	16.69	ug/l	90
18) Methylene Chloride	4.508	84	53969	17.87	ug/l	91
19) trans-1,2-Dichloroethene	4.988	96	50099	17.30	ug/l	91
20) Diisopropyl ether	5.917	45	157787	16.91	ug/l	93
21) 1,1-Dichloroethane	5.801	63	89975	17.17	ug/l	97
22) cis-1,2-Dichloroethene	6.785	96	57860	17.39	ug/l	85
23) tert-Butyl Alcohol	4.772	59	40047	73.90	ug/l #	100
24) Methyl tert-Butyl Ether	5.007	73	149778	16.27	ug/l #	83
25) Chloroform	7.331	83	92641	17.13	ug/l	97
26) Cyclohexane	7.611	56	78510	16.96	ug/l #	95
29) 1,1-Dichloropropene	7.753	75	69187	17.26	ug/l	97
30) 2-Butanone	6.801	43	181354	99.20	ug/l #	74
31) 2,2-Dichloropropane	6.782	77	78653	16.00	ug/l	95
32) 1,1,1-Trichloroethane	7.528	97	79582	16.48	ug/l	96
33) Carbon Tetrachloride	7.733	117	68524	16.13	ug/l	99
34) Benzene	8.003	78	211247	17.88	ug/l	96
35) Methacrylonitrile	7.132	41	32144	19.04	ug/l	90
36) 1,2-Dichloroethane	8.087	62	73122	16.71	ug/l #	94
37) Trichloroethene	8.801	130	61218	18.09	ug/l	89
38) Methylcyclohexane	9.045	83	82471	16.77	ug/l	93
39) 1,2-Dichloropropane	9.084	63	55453	17.97	ug/l	99
40) Dibromomethane	9.177	93	36648	17.62	ug/l	80
41) Bromodichloromethane	9.370	83	72391	16.36	ug/l	99
42) Vinyl Acetate	5.852	43	654035	82.61	ug/l	96

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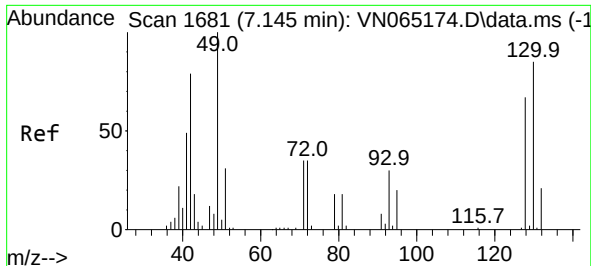
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	6.891	43	65857	18.34	ug/l	96
44) Isopropyl Acetate	8.132	43	107192	15.84	ug/l #	89
45) 1,4-Dioxane	9.171	88	18223	356.33	ug/l #	94
46) Methyl methacrylate	9.167	41	51089	15.90	ug/l	85
47) n-amyl Acetate	12.042	43	89771	15.80	ug/l	98
48) t-1,3-Dichloropropene	10.351	75	78702	15.82	ug/l	100
49) cis-1,3-Dichloropropene	9.807	75	86869	16.53	ug/l	89
50) 1,1,2-Trichloroethane	10.531	97	53038	18.11	ug/l	96
51) Ethyl methacrylate	10.399	69	76029	16.62	ug/l	88
52) 1,3-Dichloropropane	10.675	76	88137	18.04	ug/l	99
53) Dibromochloromethane	10.872	129	57943	16.56	ug/l	99
54) 1,2-Dibromoethane	10.974	107	55093	17.57	ug/l	98
55) 2-Chloroethyl vinyl ether	9.663	63	181187	79.99	ug/l	97
56) Bromoform	12.100	173	43264	15.97	ug/l #	97
58) 4-Methyl-2-Pentanone	9.952	43	319376	83.91	ug/l #	93
59) 2-Hexanone	10.724	43	253753	90.49	ug/l	91
61) Tetrachloroethene	10.601	164	72452	19.39	ug/l #	86
62) Toluene	10.122	91	232798	17.59	ug/l	98
64) Chlorobenzene	11.405	112	144866	17.74	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.479	131	54910	17.00	ug/l	99
66) Ethyl Benzene	11.482	91	252749	17.11	ug/l	96
67) m/p-Xylenes	11.592	106	195476	35.05	ug/l	92
68) o-Xylene	11.920	106	94418	17.53	ug/l	95
69) Styrene	11.936	104	154185	17.04	ug/l	95
70) Isopropylbenzene	12.222	105	248379	17.28	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.476	83	68107	17.49	ug/l	97
72) 1,2,3-Trichloropropane	12.527	75	72780m	18.36	ug/l	
73) Bromobenzene	12.498	156	67040	17.89	ug/l	75
74) n-propylbenzene	12.563	91	277842	17.02	ug/l	95
75) 2-Chlorotoluene	12.646	91	167872	17.37	ug/l	92
76) 1,3,5-Trimethylbenzene	12.704	105	210451	17.16	ug/l	93
77) t-1,4-Dichloro-2-butene	12.273	75	24092	15.47	ug/l	96
78) 4-Chlorotoluene	12.746	91	166974	17.05	ug/l	94
79) tert-butylbenzene	12.965	119	179657	17.17	ug/l	91
80) 1,2,4-Trimethylbenzene	13.013	105	210303	17.33	ug/l	99
81) sec-Butylbenzene	13.145	105	232586	16.94	ug/l	96
82) p-Isopropyltoluene	13.261	119	215260	16.98	ug/l	96
83) 1,3-Dichlorobenzene	13.254	146	106914	17.22	ug/l	94
84) 1,4-Dichlorobenzene	13.338	146	102839	16.62	ug/l	94
85) n-Butylbenzene	13.588	91	173597	15.99	ug/l	96
86) Hexachloroethane	13.846	117	34730	15.09	ug/l	65
87) 1,2-Dichlorobenzene	13.627	146	107623	17.88	ug/l	93
88) 1,2-Dibromo-3-Chloropr...	14.244	75	12696	15.59	ug/l #	70
89) 1,2,4-Trichlorobenzene	14.881	180	46579	14.43	ug/l	94
90) Hexachlorobutadiene	14.981	225	37254	17.42	ug/l	95
91) Naphthalene	15.103	128	114722	13.29	ug/l	100
92) 1,2,3-Trichlorobenzene	15.283	180	45512	15.01	ug/l	95

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



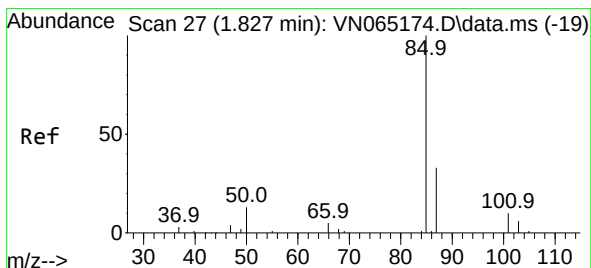
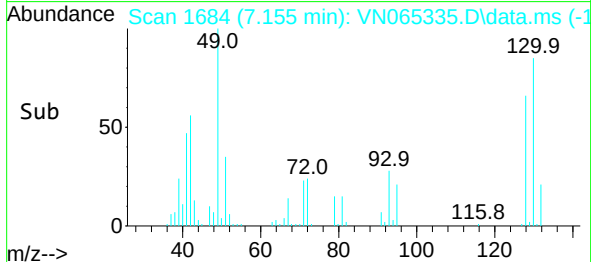
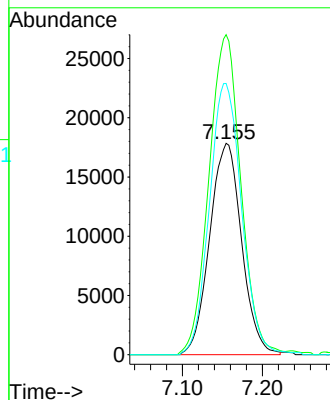
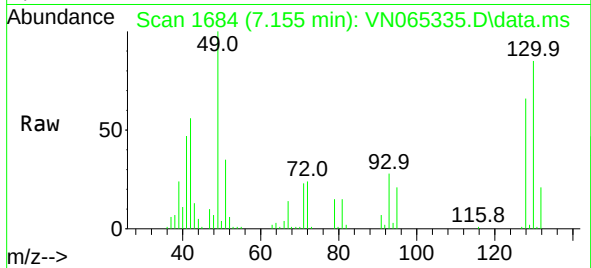
#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.155 min Scan# 1684
Delta R.T. 0.010 min
Lab File: VN065335.D
Acq: 31 Dec 2020 9:35

Tgt Ion:128 Resp: 49486
Ion Ratio Lower Upper
128 100
49 151.4 0.0 475.5
130 129.7 0.0 315.3

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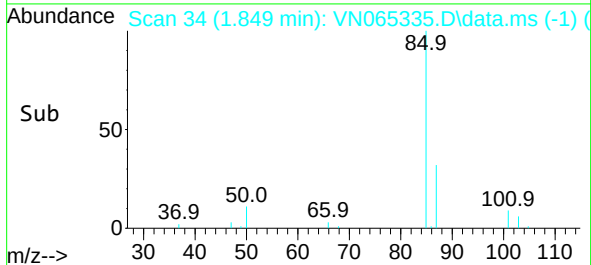
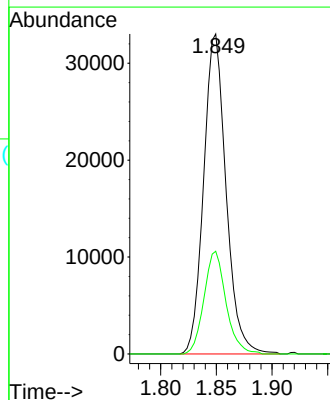
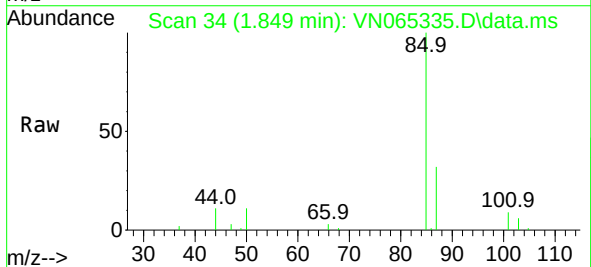
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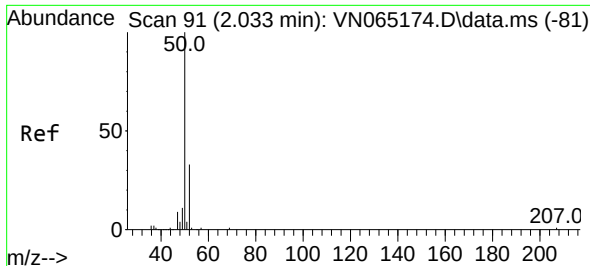
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#2
Dichlorodifluoromethane
Concen: 17.67 ug/l
RT: 1.849 min Scan# 34
Delta R.T. 0.022 min
Lab File: VN065335.D
Acq: 31 Dec 2020 9:35

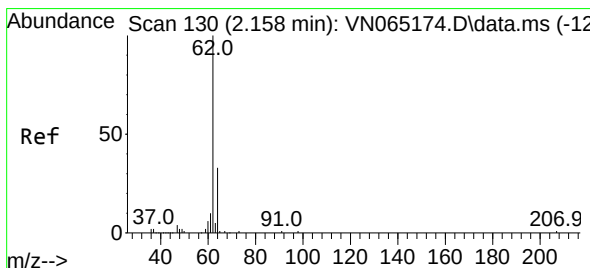
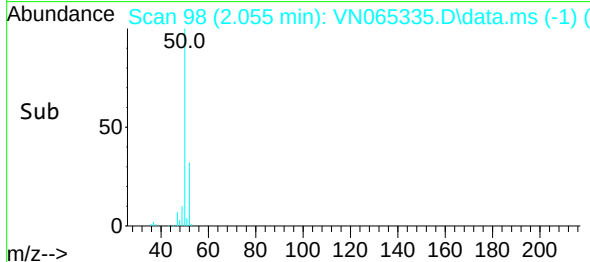
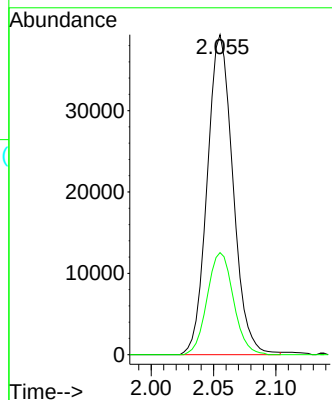
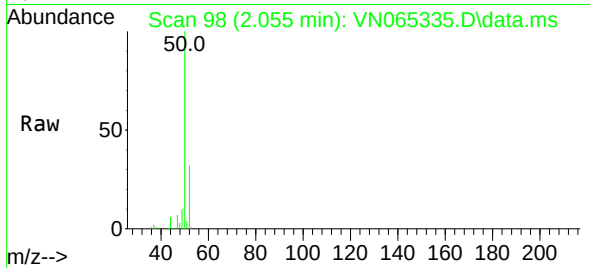
Tgt Ion: 85 Resp: 46238
Ion Ratio Lower Upper
85 100
87 32.1 17.0 50.9





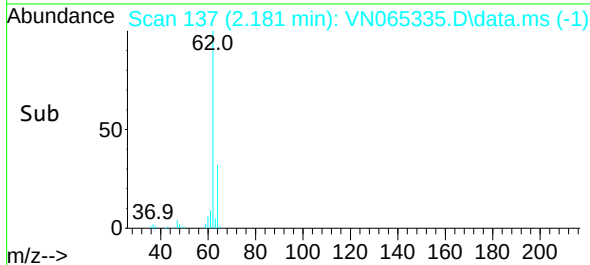
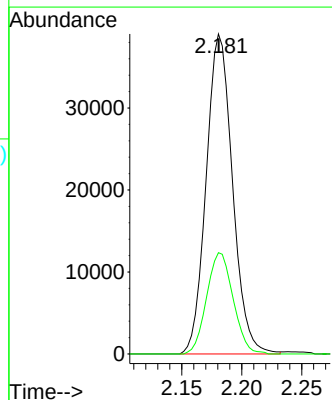
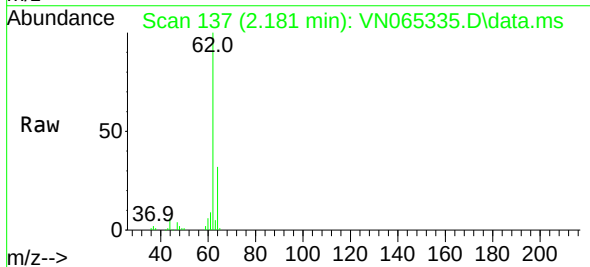
#3
Chloromethane
Concen: 18.44 ug/l
RT: 2.055 min Scan# 98
Delta R.T. 0.022 min
Lab File: VN065335.D
Acq: 31 Dec 2020 9:35

Tgt Ion: 50 Resp: 56572
Ion Ratio Lower Upper
50 100
52 31.9 26.0 39.0



#4
Vinyl Chloride
Concen: 18.48 ug/l
RT: 2.181 min Scan# 137
Delta R.T. 0.022 min
Lab File: VN065335.D
Acq: 31 Dec 2020 9:35

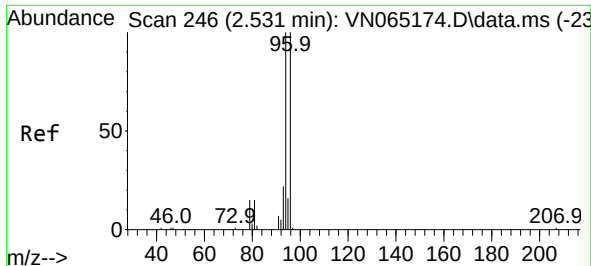
Tgt Ion: 62 Resp: 59608
Ion Ratio Lower Upper
62 100
64 31.6 25.8 38.8



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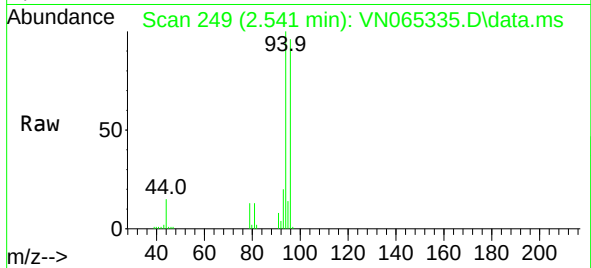
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#5
Bromomethane
Concen: 17.67 ug/l
RT: 2.541 min Scan# 249
Delta R.T. 0.010 min
Lab File: VN065335.D
Acq: 31 Dec 2020 9:35

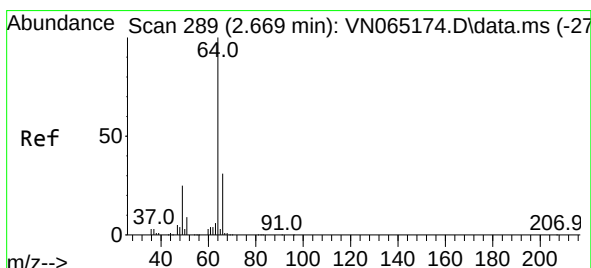
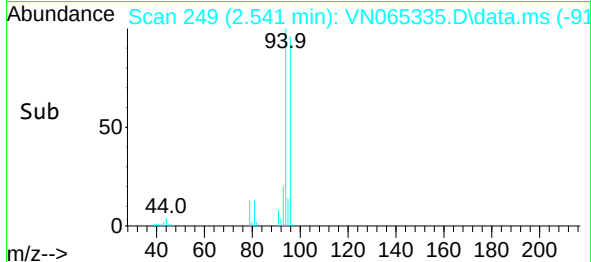
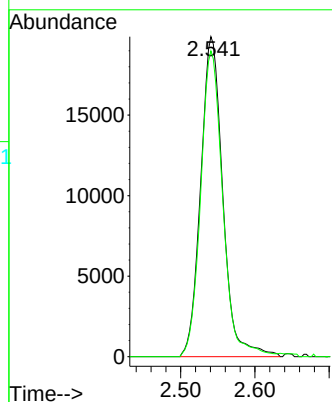
Instrument :
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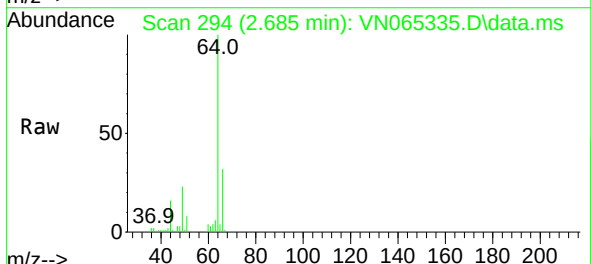
Tgt Ion: 94 Resp: 41133
Ion Ratio Lower Upper
94 100
96 95.5 79.3 118.9

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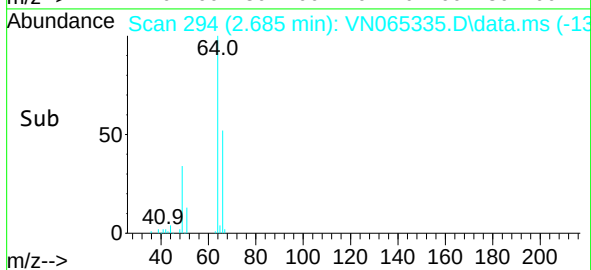
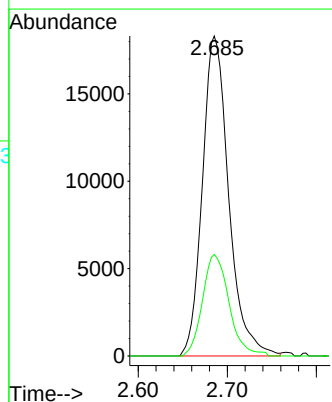
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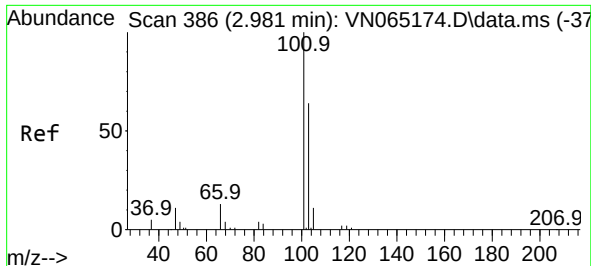


#6
Chloroethane
Concen: 18.25 ug/l
RT: 2.685 min Scan# 294
Delta R.T. 0.016 min
Lab File: VN065335.D
Acq: 31 Dec 2020 9:35



Tgt Ion: 64 Resp: 37604
Ion Ratio Lower Upper
64 100
66 31.7 26.0 39.0





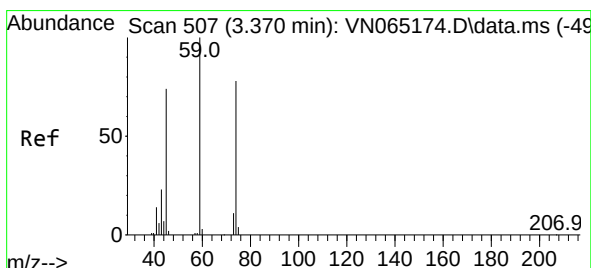
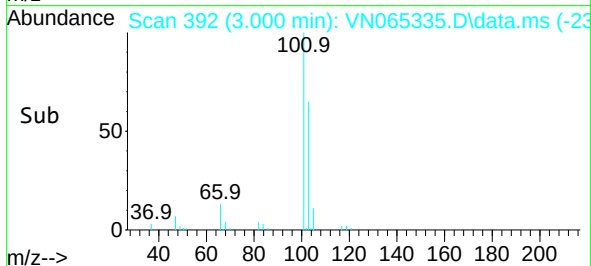
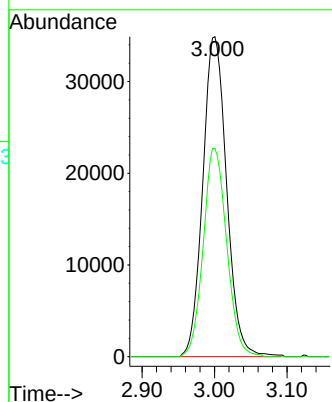
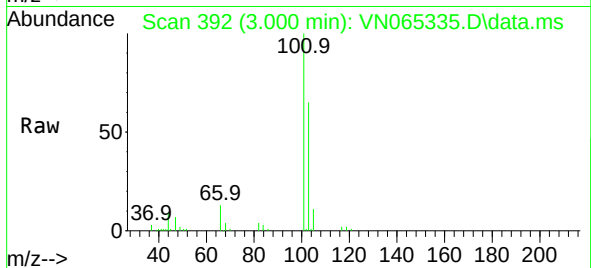
#7
Trichlorofluoromethane
Concen: 17.04 ug/l
RT: 3.000 min Scan# 392
Delta R.T. 0.019 min
Lab File: VN065335.D
Acq: 31 Dec 2020 9:35

Tgt Ion:101 Resp: 79794
Ion Ratio Lower Upper
101 100
103 65.1 49.3 73.9

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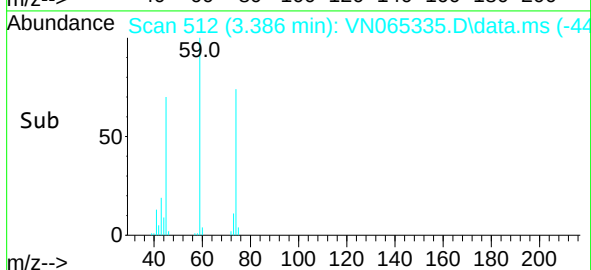
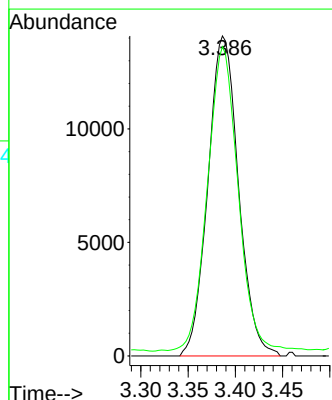
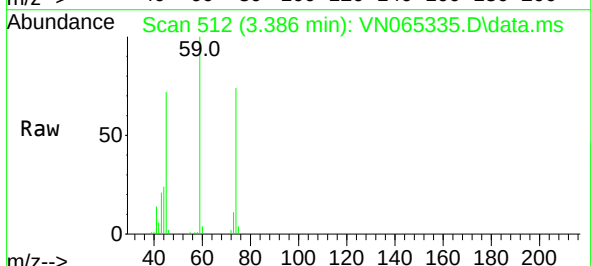
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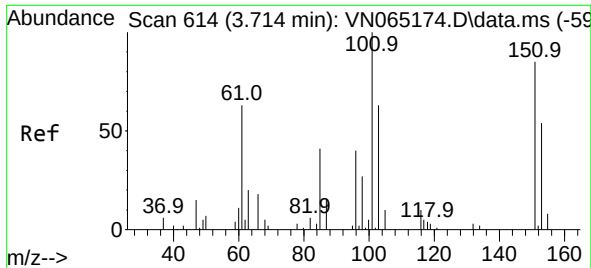
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#8
Diethyl Ether
Concen: 18.59 ug/l
RT: 3.386 min Scan# 512
Delta R.T. 0.016 min
Lab File: VN065335.D
Acq: 31 Dec 2020 9:35

Tgt Ion: 74 Resp: 31738
Ion Ratio Lower Upper
74 100
45 94.0 22.1 198.5





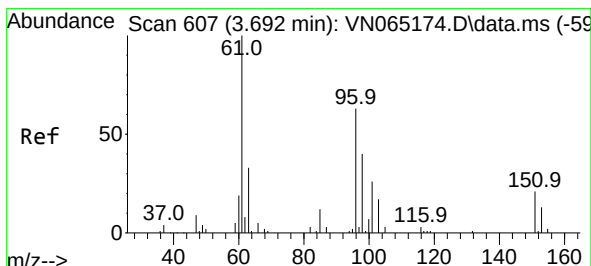
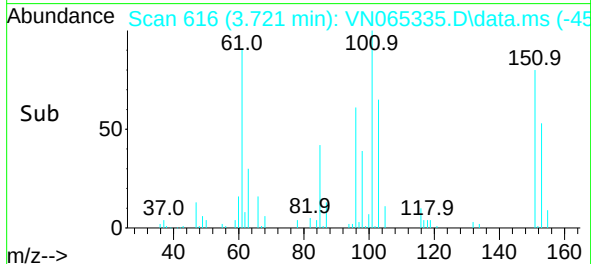
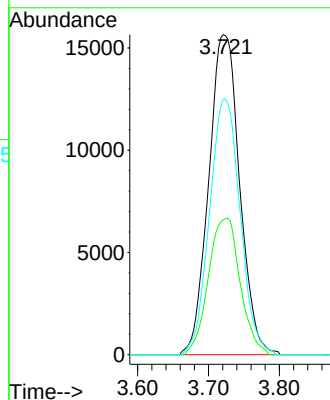
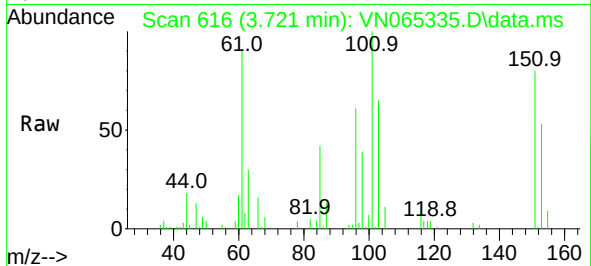
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.26 ug/l
RT: 3.721 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN065335.D
Acq: 31 Dec 2020 9:35

Tgt Ion	Ratio	Lower	Upper
101	100		
85	43.7	0.0	49.0
151	79.3	0.0	80.2

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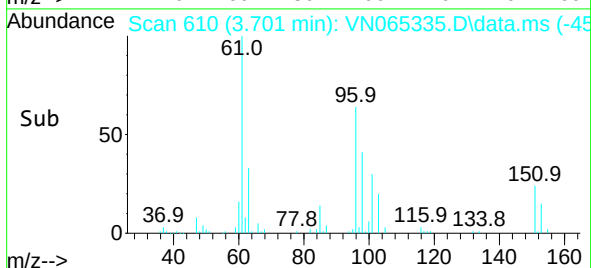
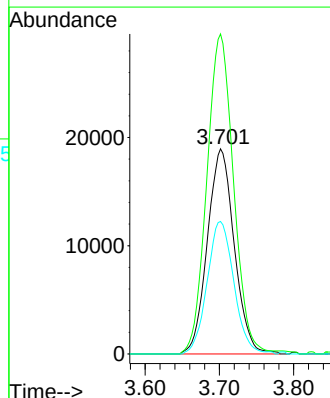
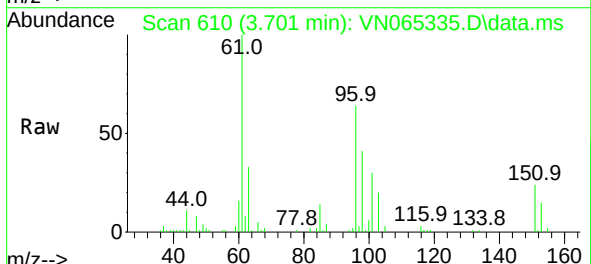
Manual Integrations
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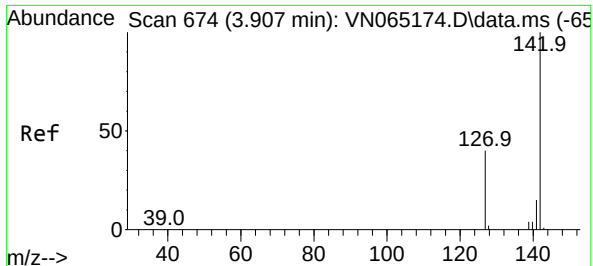
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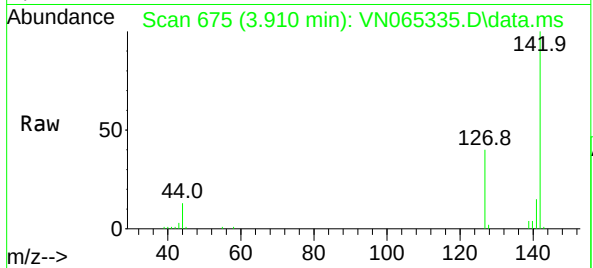
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1,1-Dichloroethene
Concen: 18.11 ug/l
RT: 3.701 min Scan# 610
Delta R.T. 0.010 min
Lab File: VN065335.D
Acq: 31 Dec 2020 9:35

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.0	149.2	223.8
98	64.6	49.6	74.4

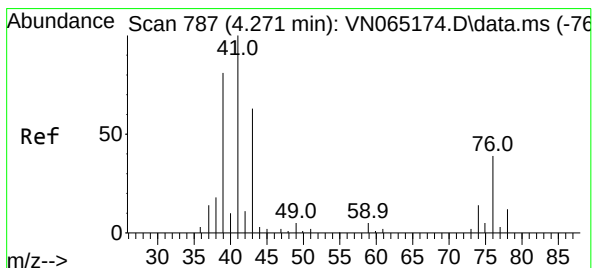
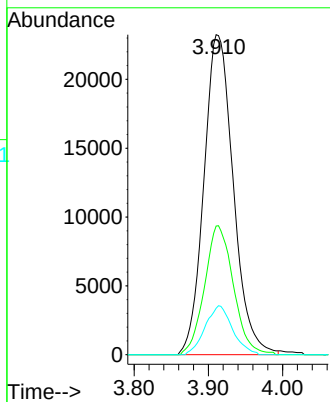
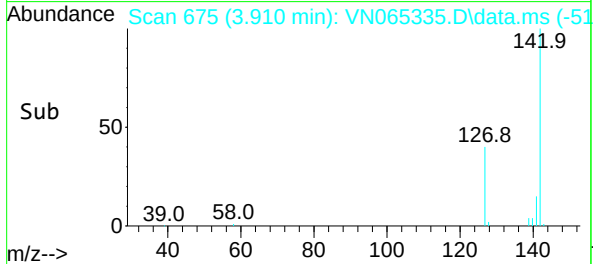




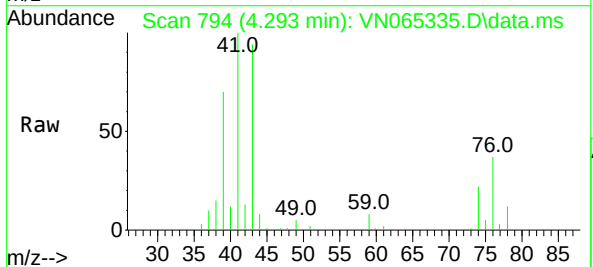
#11
Methyl Iodide
Concen: 16.37 ug/l
RT: 3.910 min Scan# 675
Delta R.T. 0.003 min
Lab File: VN065335.D
Acq: 31 Dec 2020 9:35



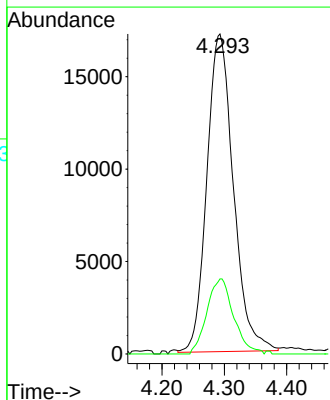
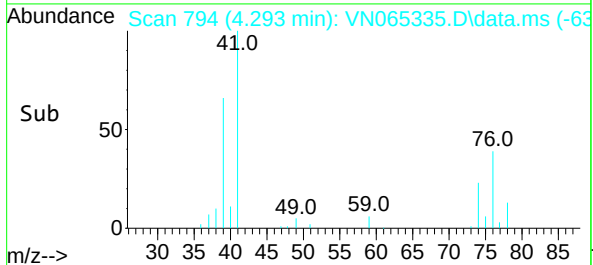
Tgt Ion: 142 Resp: 63980
Ion Ratio Lower Upper
142 100
127 40.4 24.7 74.1
141 14.6 7.8 23.3



#12
Methyl Acetate
Concen: 18.59 ug/l
RT: 4.293 min Scan# 794
Delta R.T. 0.022 min
Lab File: VN065335.D
Acq: 31 Dec 2020 9:35



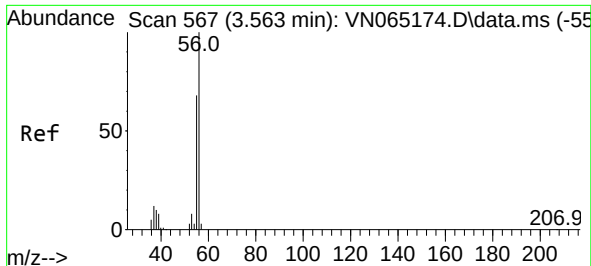
Tgt Ion: 43 Resp: 50829
Ion Ratio Lower Upper
43 100
74 23.8 17.7 26.5



Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

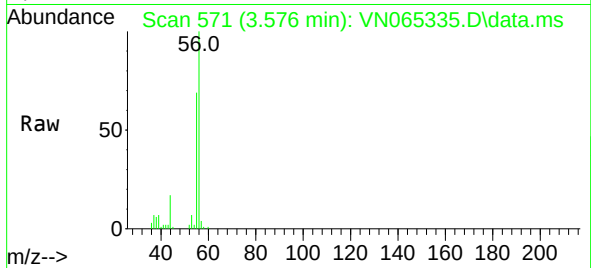
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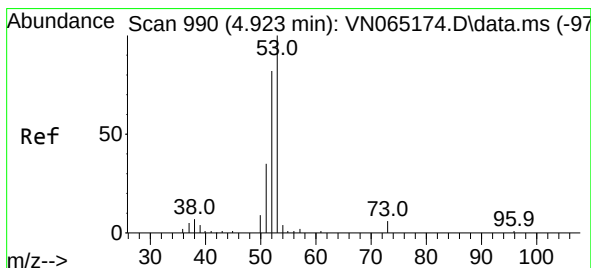
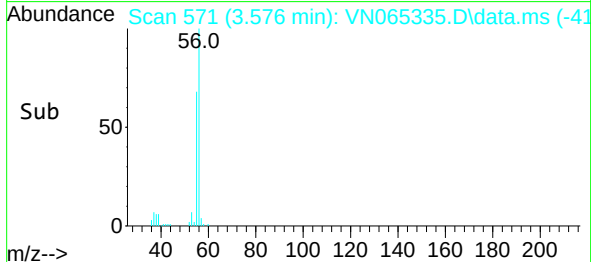
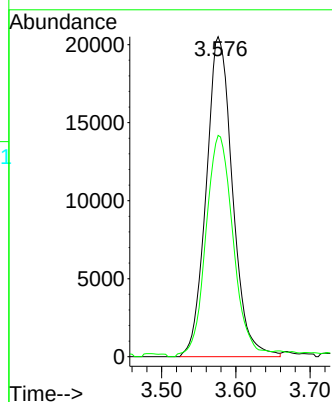


#13
Acrolein
Concen: 135.64 ug/l
RT: 3.576 min Scan# 571
Delta R.T. 0.013 min
Lab File: VN065335.D
Acq: 31 Dec 2020 9:35

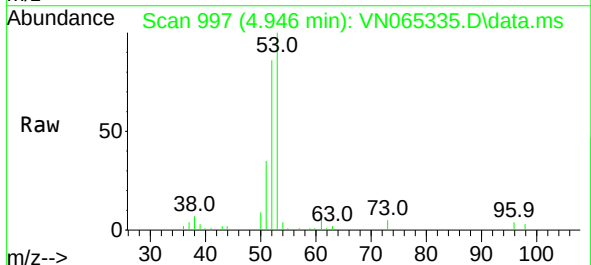
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



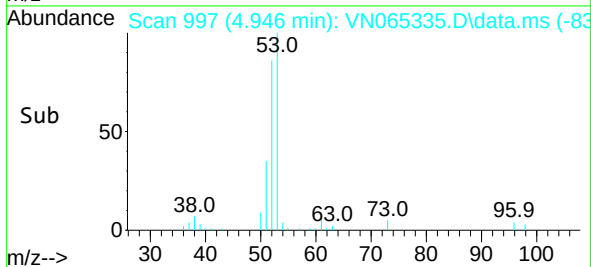
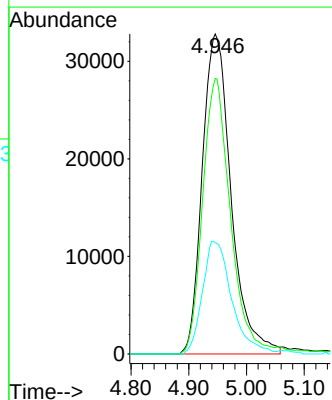
Tgt Ion: 56 Resp: 50594
Ion Ratio Lower Upper
56 100
55 71.7 58.2 87.2

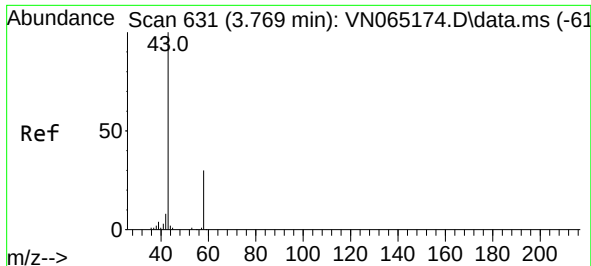


#14
Acrylonitrile
Concen: 89.07 ug/l
RT: 4.946 min Scan# 997
Delta R.T. 0.022 min
Lab File: VN065335.D
Acq: 31 Dec 2020 9:35

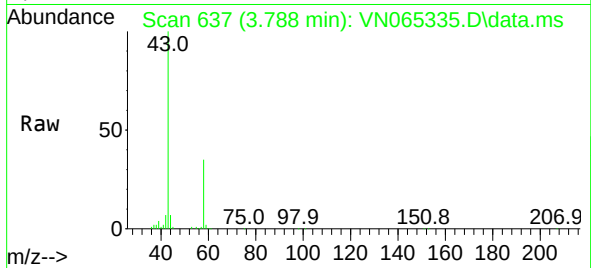


Tgt Ion: 53 Resp: 113769
Ion Ratio Lower Upper
53 100
52 82.3 41.3 124.1
51 35.7 18.9 56.5

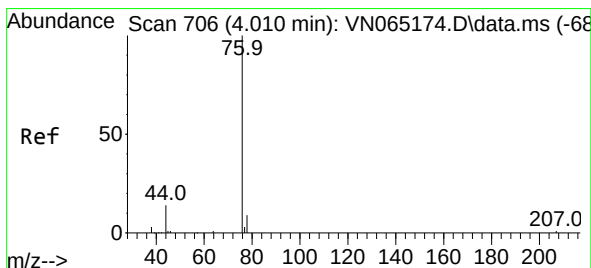
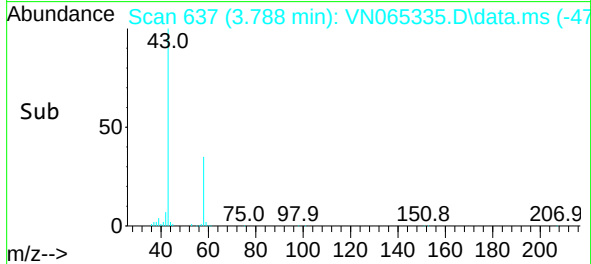
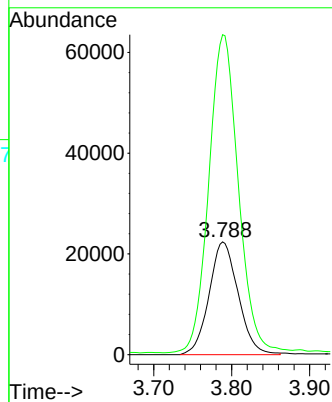




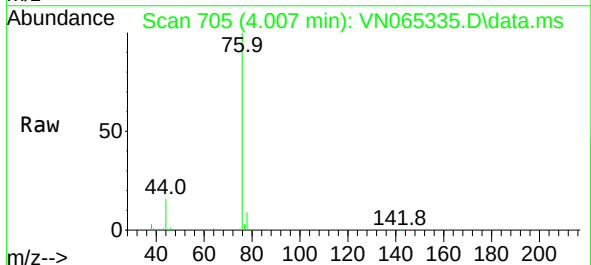
#15
Acetone
Concen: 143.68 ug/l
RT: 3.788 min Scan# 637
Delta R.T. 0.019 min
Lab File: VN065335.D
Acq: 31 Dec 2020 9:35



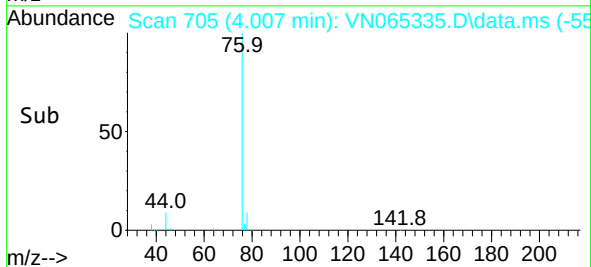
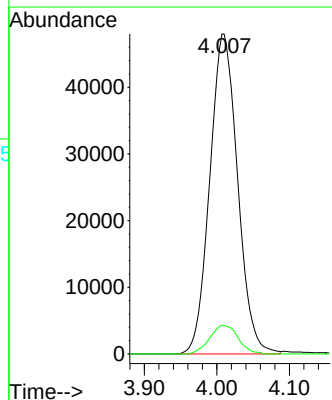
Tgt Ion: 58 Resp: 58118
Ion Ratio Lower Upper
58 100
43 280.0 289.8 434.8#



#16
Carbon Disulfide
Concen: 16.81 ug/l
RT: 4.007 min Scan# 705
Delta R.T. -0.003 min
Lab File: VN065335.D
Acq: 31 Dec 2020 9:35



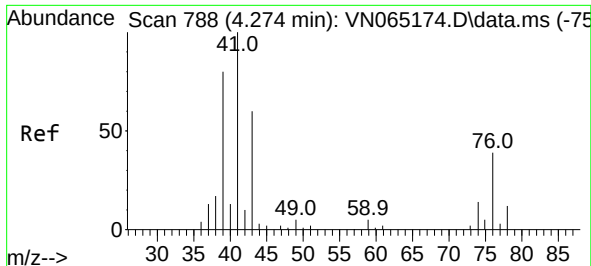
Tgt Ion: 76 Resp: 127973
Ion Ratio Lower Upper
76 100
78 9.0 7.6 11.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

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#17

Allyl chloride

Concen: 16.69 ug/l

RT: 4.277 min Scan# 789

Delta R.T. 0.003 min

Lab File: VN065335.D

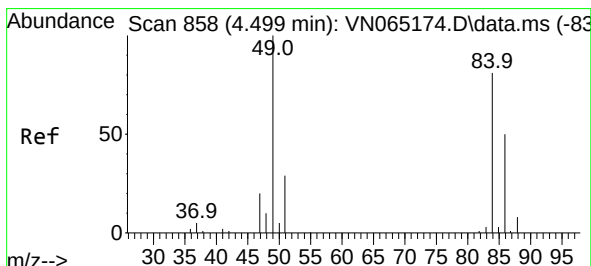
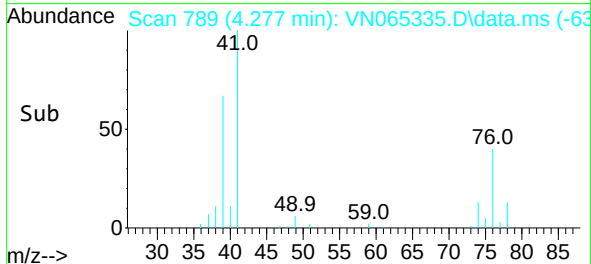
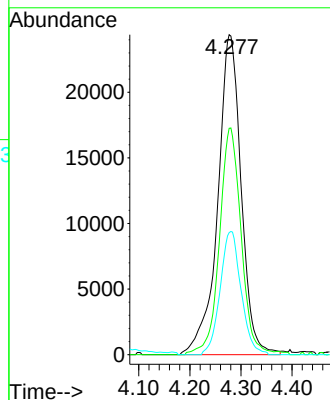
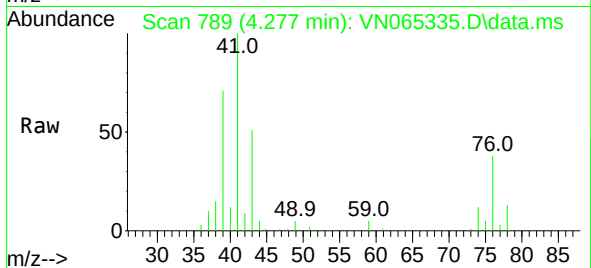
Acq: 31 Dec 2020 9:35

Tgt Ion:	41	Resp:	77686
Ion	Ratio	Lower	Upper
41	100		
39	70.7	40.3	120.8
76	38.2	16.8	50.3

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

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#18

Methylene Chloride

Concen: 17.87 ug/l

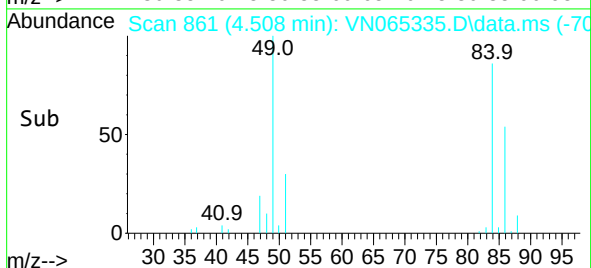
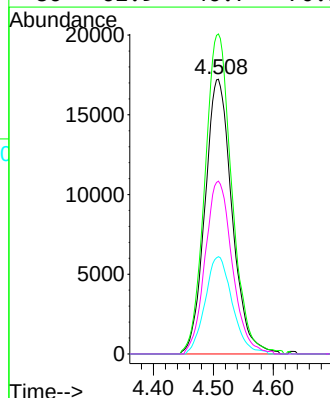
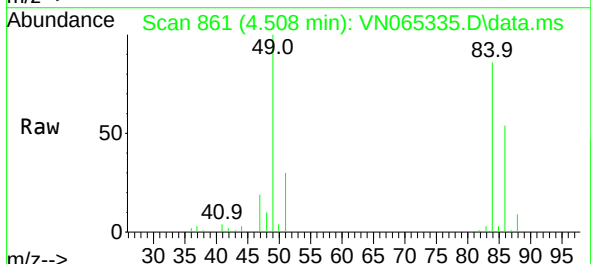
RT: 4.508 min Scan# 861

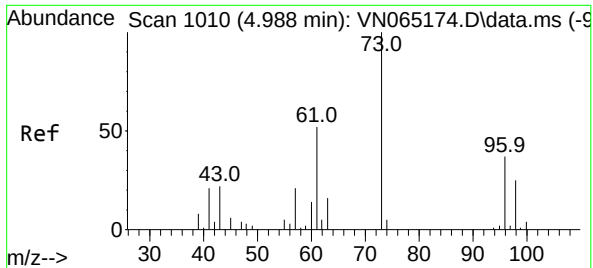
Delta R.T. 0.010 min

Lab File: VN065335.D

Acq: 31 Dec 2020 9:35

Tgt Ion:	84	Resp:	53969
Ion	Ratio	Lower	Upper
84	100		
49	116.5	102.1	153.1
51	35.4	32.6	48.8
86	62.9	46.7	70.1





#19

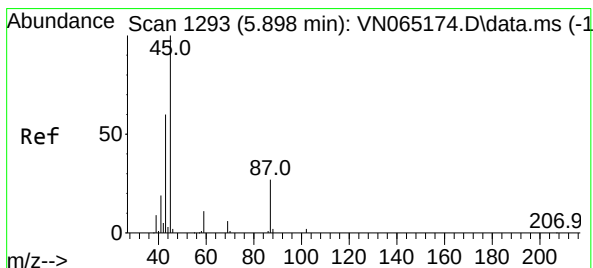
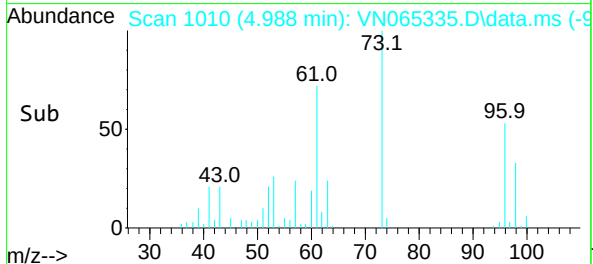
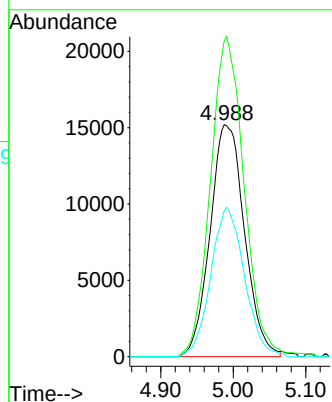
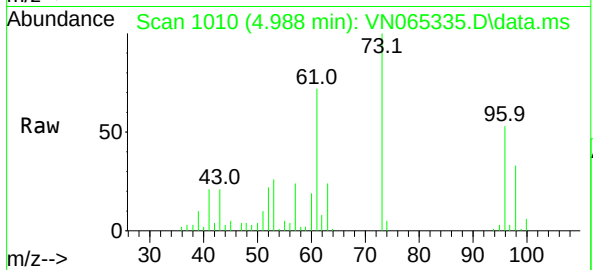
trans-1,2-Dichloroethene
Concen: 17.30 ug/l
RT: 4.988 min Scan# 1010
Delta R.T. -0.000 min
Lab File: VN065335.D
Acq: 31 Dec 2020 9:35

Tgt Ion:	96	Resp:	50099
Ion	Ratio	Lower	Upper
96	100		
61	135.1	120.1	180.1
98	62.9	49.1	73.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

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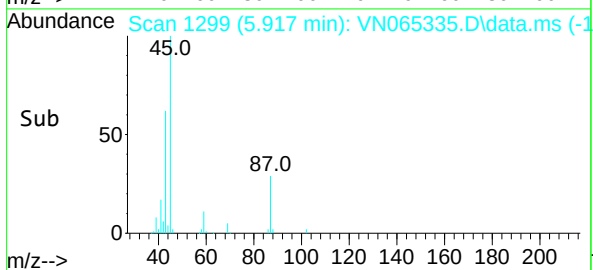
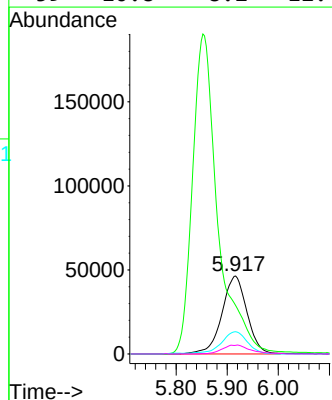
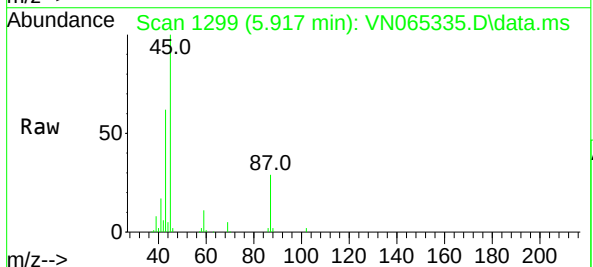
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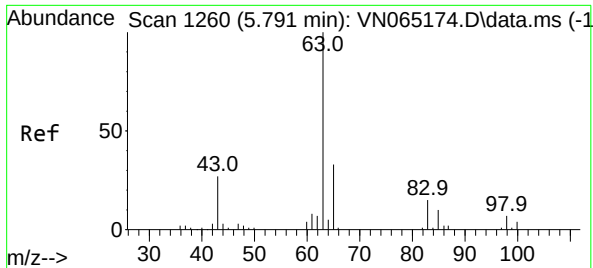


#20

Diisopropyl ether
Concen: 16.91 ug/l
RT: 5.917 min Scan# 1299
Delta R.T. 0.019 min
Lab File: VN065335.D
Acq: 31 Dec 2020 9:35

Tgt Ion:	45	Resp:	157787
Ion	Ratio	Lower	Upper
45	100		
43	58.9	53.1	79.7
87	28.5	21.0	31.6
59	10.8	8.2	12.4





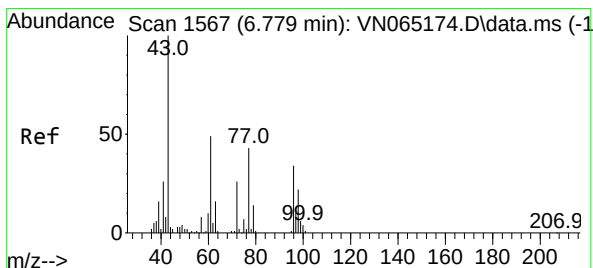
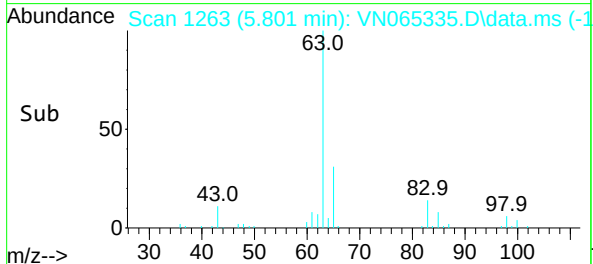
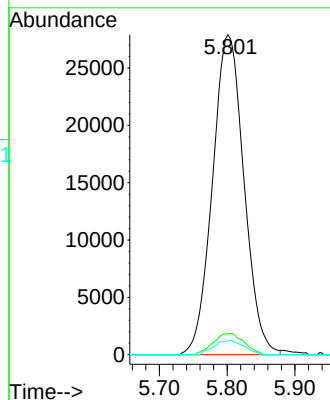
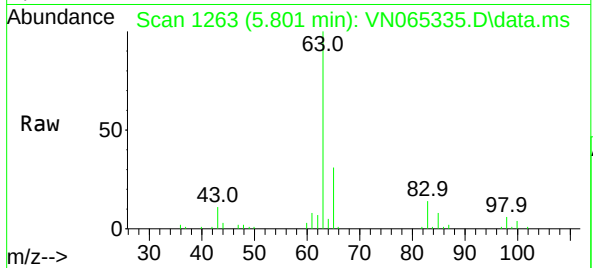
#21
1,1-Dichloroethane
Concen: 17.17 ug/l
RT: 5.801 min Scan# 1263
Delta R.T. 0.010 min
Lab File: VN065335.D
Acq: 31 Dec 2020 9:35

Tgt Ion:	63	Resp:	89975
Ion Ratio	Lower	Upper	
63	100		
98	6.5	2.6	8.0
100	4.3	1.7	5.1

Instrument :
MSVOA_N
ClientSampleId :
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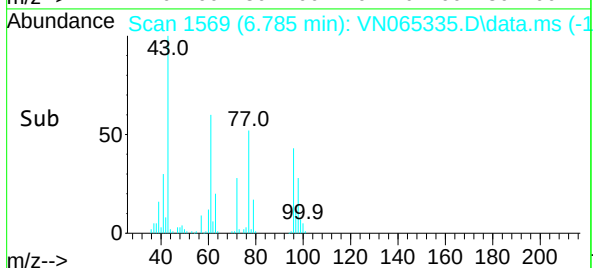
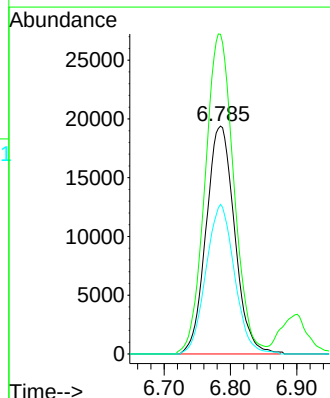
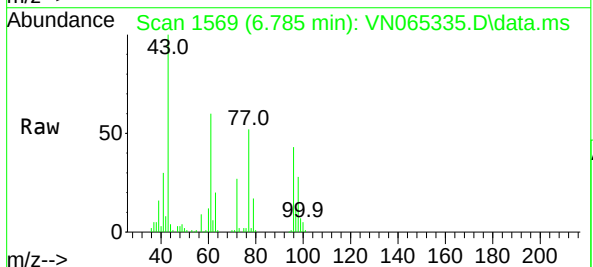
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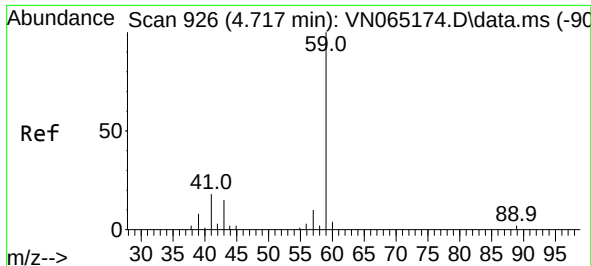
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#22
cis-1,2-Dichloroethene
Concen: 17.39 ug/l
RT: 6.785 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VN065335.D
Acq: 31 Dec 2020 9:35

Tgt Ion:	96	Resp:	57860
Ion Ratio	Lower	Upper	
96	100		
61	141.5	136.1	204.1
98	65.5	51.8	77.8





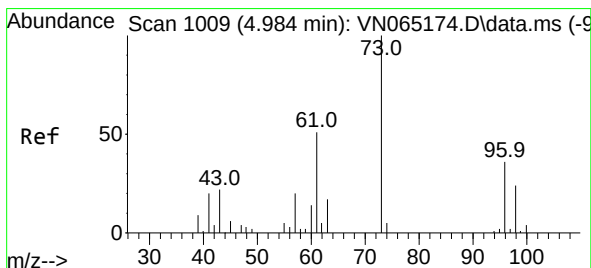
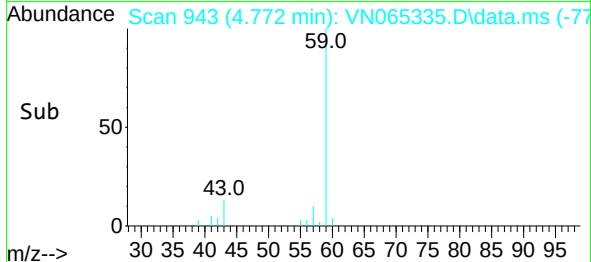
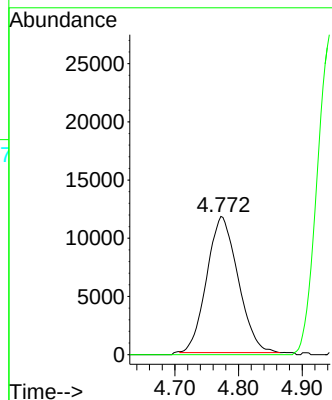
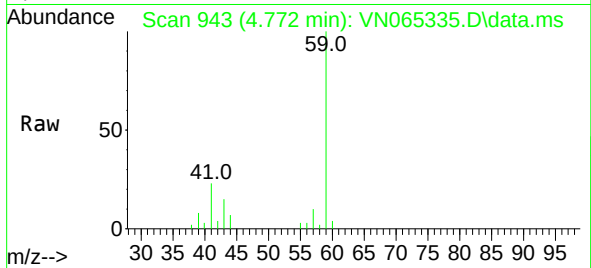
#23
tert-Butyl Alcohol
Concen: 73.90 ug/l
RT: 4.772 min Scan# 943
Delta R.T. 0.055 min
Lab File: VN065335.D
Acq: 31 Dec 2020 9:35

Tgt Ion: 59 Resp: 40047
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Instrument :
MSVOA_N
ClientSampleId :
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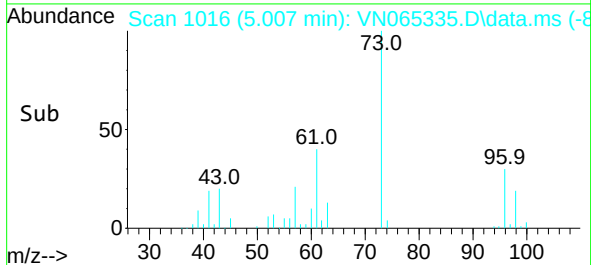
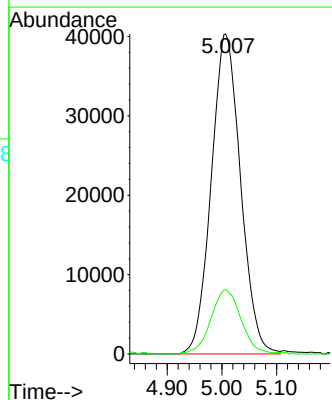
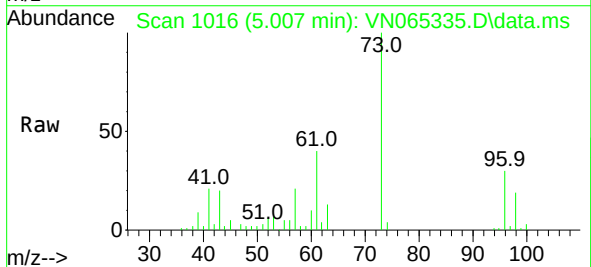
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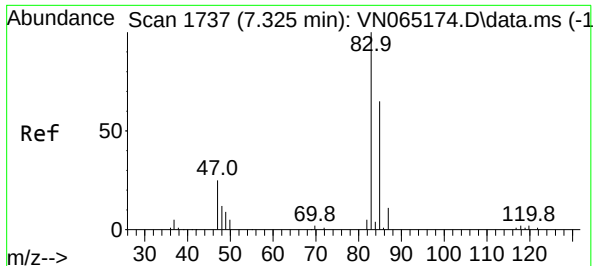
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#24
Methyl tert-Butyl Ether
Concen: 16.27 ug/l
RT: 5.007 min Scan# 1016
Delta R.T. 0.022 min
Lab File: VN065335.D
Acq: 31 Dec 2020 9:35

Tgt Ion: 73 Resp: 149778
Ion Ratio Lower Upper
73 100
43 19.6 10.2 15.2#





#25

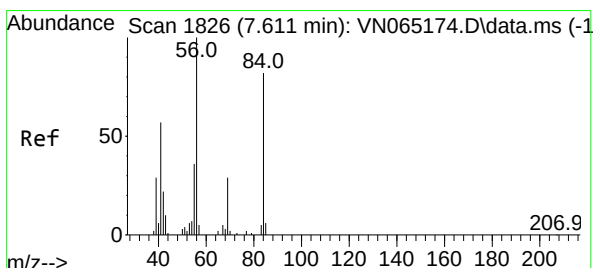
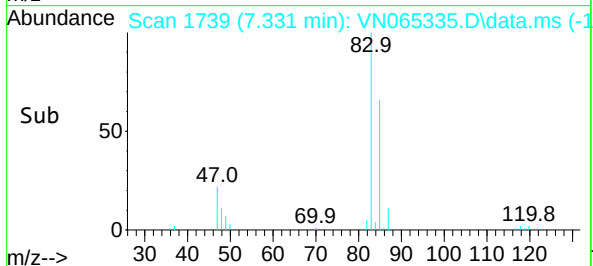
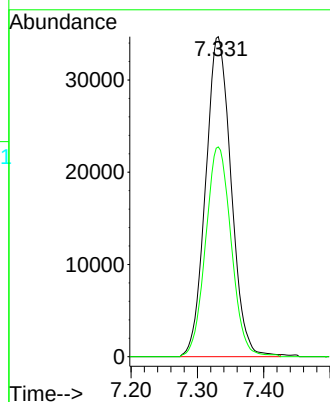
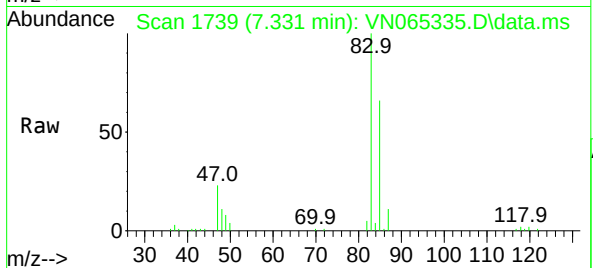
Chloroform
Concen: 17.13 ug/l
RT: 7.331 min Scan# 1739
Delta R.T. 0.006 min
Lab File: VN065335.D
Acq: 31 Dec 2020 9:35

Tgt Ion: 83 Resp: 92641
Ion Ratio Lower Upper
83 100
85 65.6 50.6 75.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

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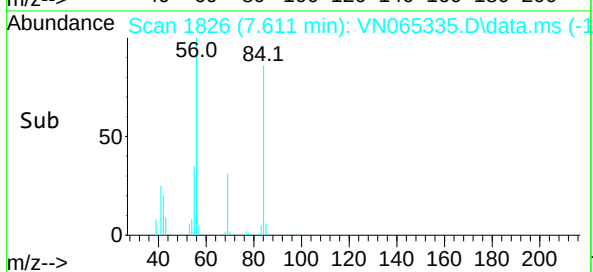
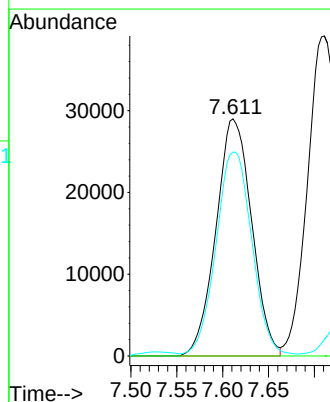
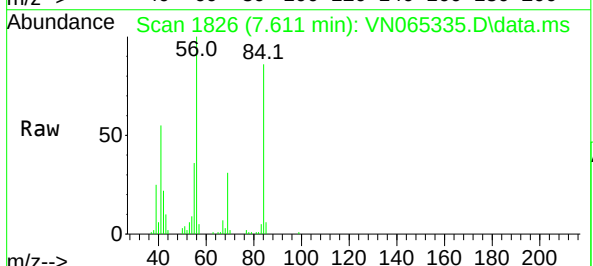
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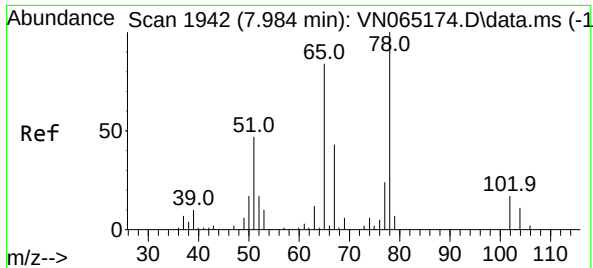


#26

Cyclohexane
Concen: 16.96 ug/l
RT: 7.611 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN065335.D
Acq: 31 Dec 2020 9:35

Tgt Ion: 56 Resp: 78510
Ion Ratio Lower Upper
56 100
89 0.0 0.6 0.8#
84 87.0 66.1 99.1





#27

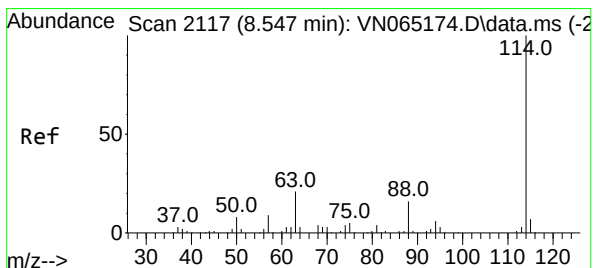
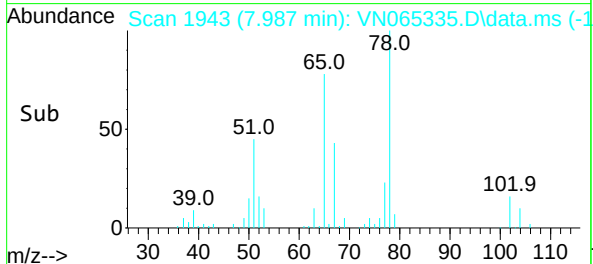
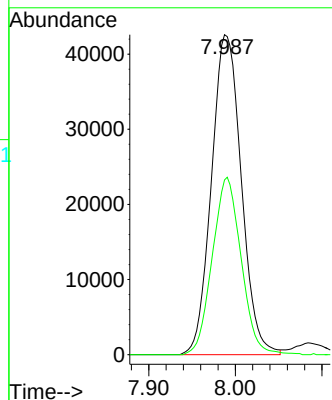
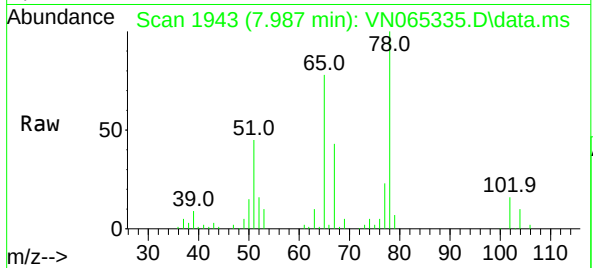
1,2-Dichloroethane-d4
Concen: 28.43 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.003 min
Lab File: VN065335.D
Acq: 31 Dec 2020 9:35

Tgt Ion: 65 Resp: 102083
Ion Ratio Lower Upper
65 100
67 53.5 41.1 61.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

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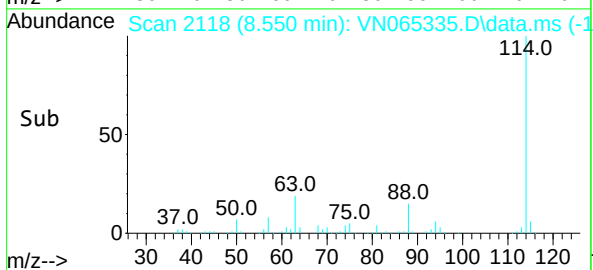
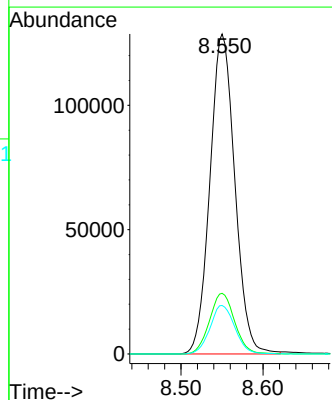
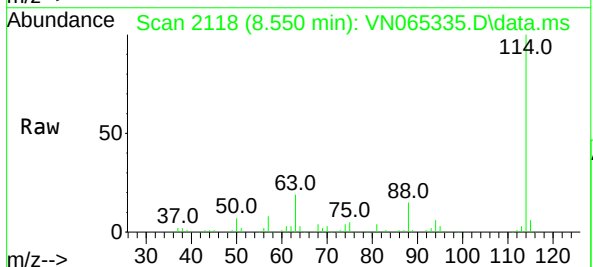
MMDadoda
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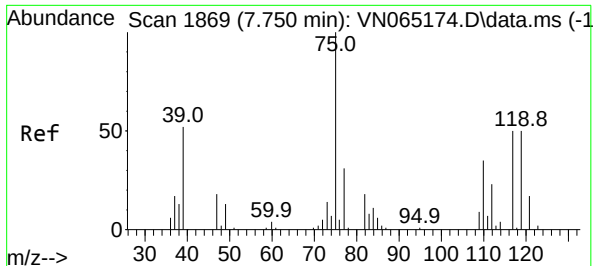


#28

1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.003 min
Lab File: VN065335.D
Acq: 31 Dec 2020 9:35

Tgt Ion: 114 Resp: 271415
Ion Ratio Lower Upper
114 100
63 19.2 18.5 27.7
88 15.1 13.0 19.6





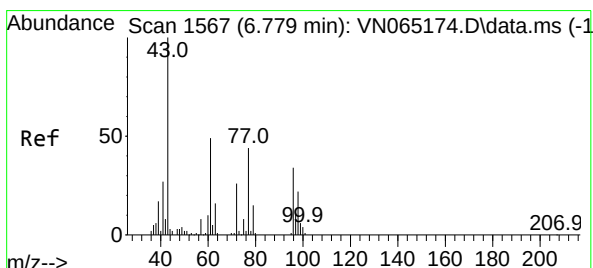
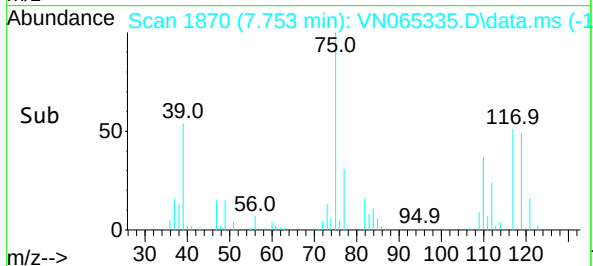
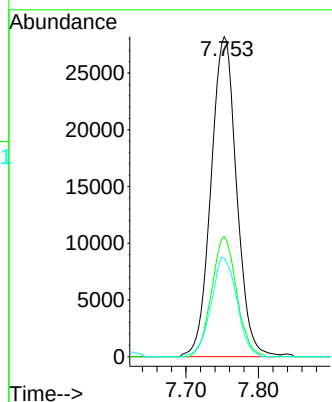
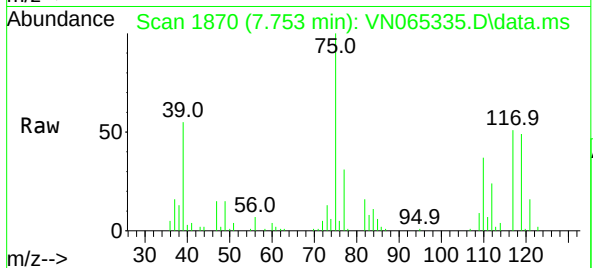
#29
1,1-Dichloropropene
Concen: 17.26 ug/l
RT: 7.753 min Scan# 1870
Delta R.T. 0.003 min
Lab File: VN065335.D
Acq: 31 Dec 2020 9:35

Tgt Ion:	75	Resp:	69187
Ion Ratio	Lower	Upper	
75	100		
110	36.7	0.0	66.4
77	31.2	0.0	62.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

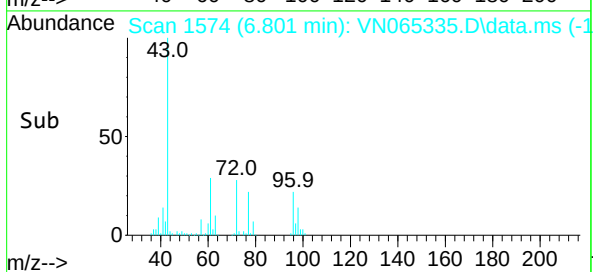
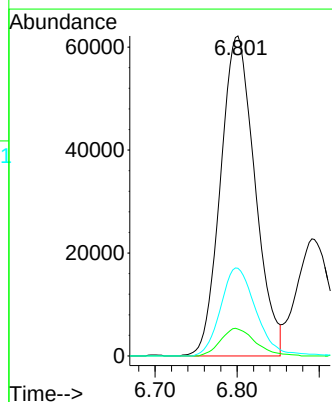
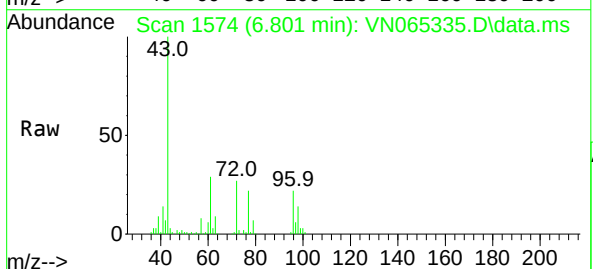
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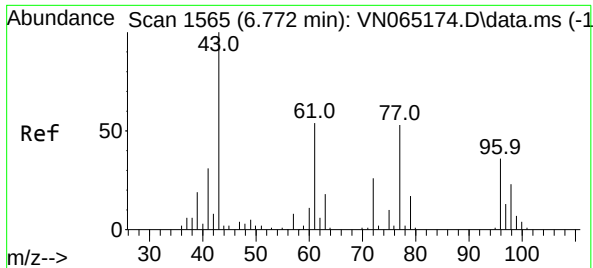
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1/4/2021 9:29:19 AM



#30
2-Butanone
Concen: 99.20 ug/l
RT: 6.801 min Scan# 1574
Delta R.T. 0.022 min
Lab File: VN065335.D
Acq: 31 Dec 2020 9:35

Tgt Ion:	43	Resp:	181354
Ion Ratio	Lower	Upper	
43	100		
57	8.7	6.2	9.4
72	28.4	9.9	14.9#





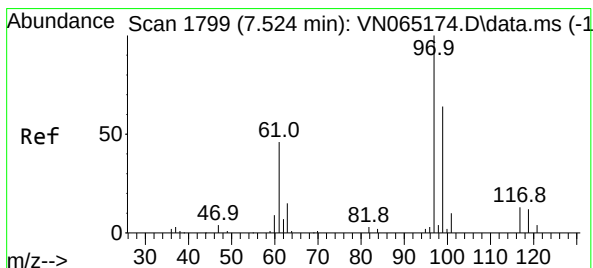
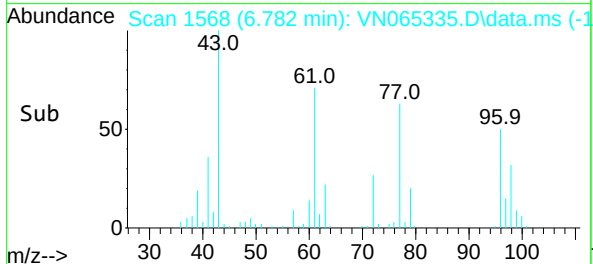
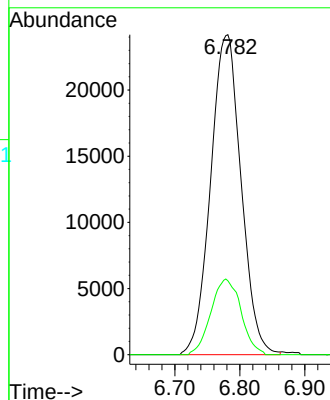
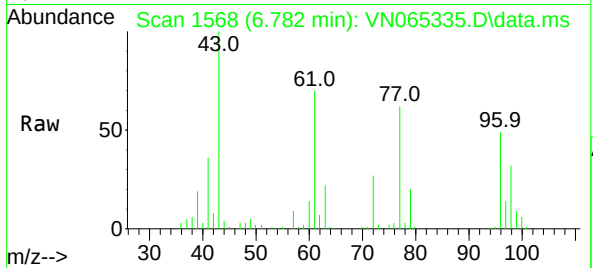
#31
2,2-Dichloropropane
Concen: 16.00 ug/l
RT: 6.782 min Scan# 1568
Delta R.T. 0.010 min
Lab File: VN065335.D
Acq: 31 Dec 2020 9:35

Tgt Ion: 77 Resp: 78653
Ion Ratio Lower Upper
77 100
97 23.3 16.9 25.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

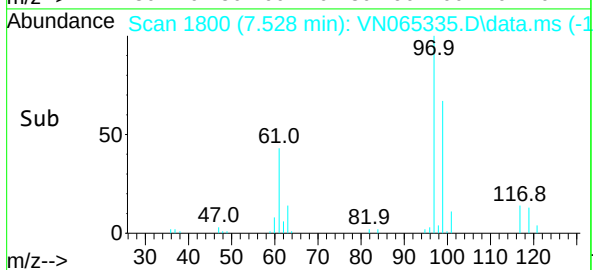
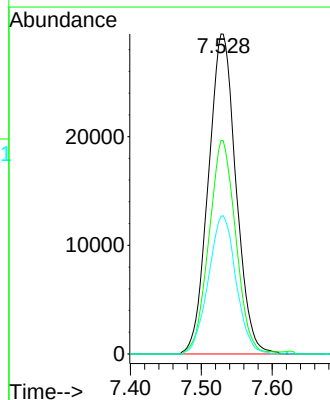
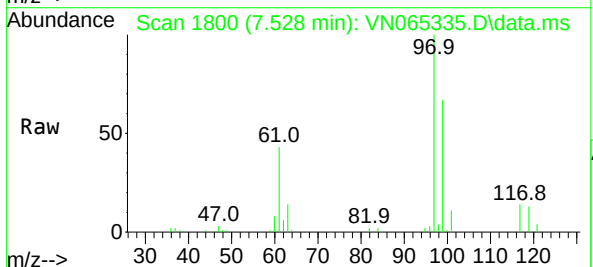
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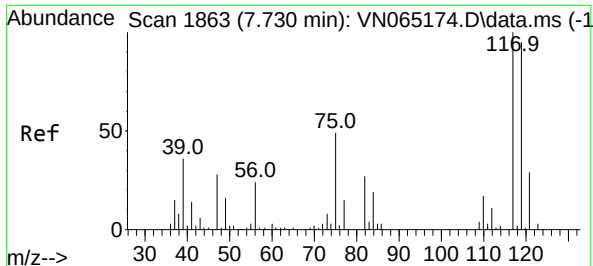
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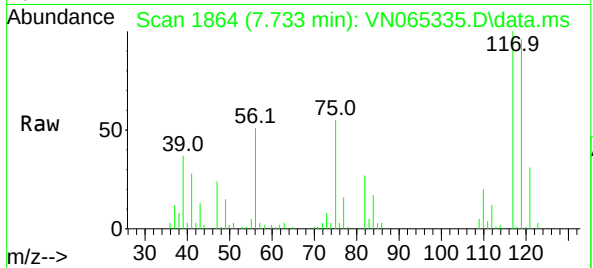
#32
1,1,1-Trichloroethane
Concen: 16.48 ug/l
RT: 7.528 min Scan# 1800
Delta R.T. 0.003 min
Lab File: VN065335.D
Acq: 31 Dec 2020 9:35

Tgt Ion: 97 Resp: 79582
Ion Ratio Lower Upper
97 100
99 65.1 51.8 77.8
61 43.3 39.4 59.0

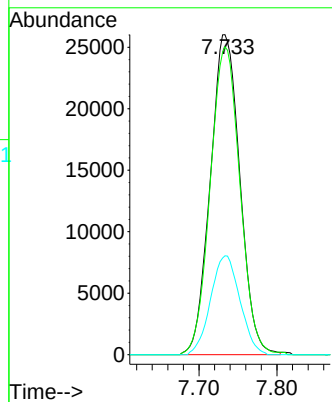
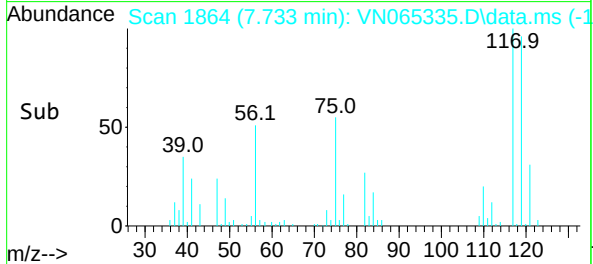




#33
Carbon Tetrachloride
Concen: 16.13 ug/l
RT: 7.733 min Scan# 1864
Delta R.T. 0.003 min
Lab File: VN065335.D
Acq: 31 Dec 2020 9:35



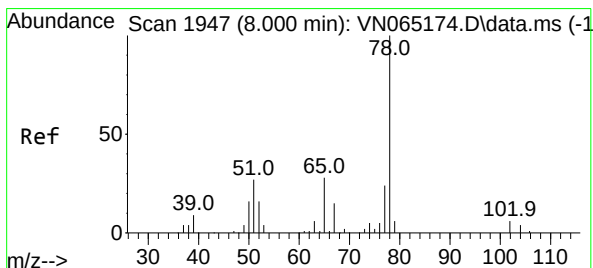
Tgt Ion: 117 Resp: 68524
Ion Ratio Lower Upper
117 100
119 96.2 77.9 116.9
121 30.9 24.0 36.0



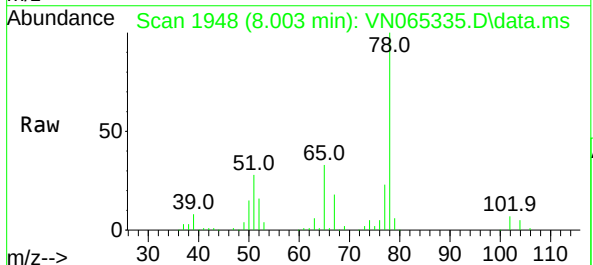
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

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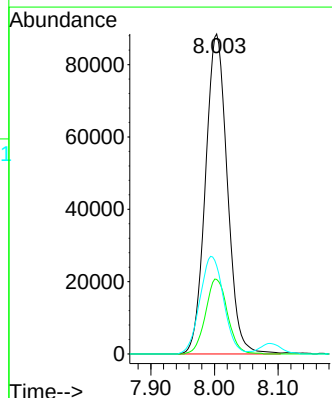
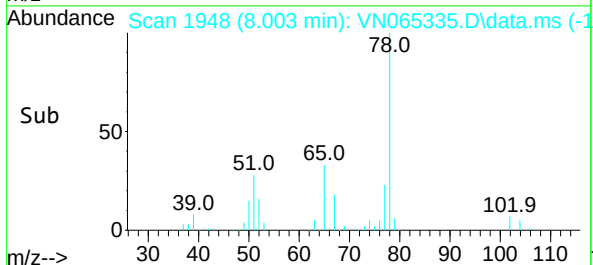
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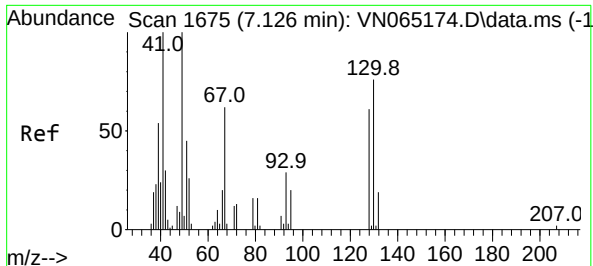


#34
Benzene
Concen: 17.88 ug/l
RT: 8.003 min Scan# 1948
Delta R.T. 0.003 min
Lab File: VN065335.D
Acq: 31 Dec 2020 9:35



Tgt Ion: 78 Resp: 211247
Ion Ratio Lower Upper
78 100
77 23.3 18.9 28.3
51 27.2 24.6 36.8





#35

Methacrylonitrile

Concen: 19.04 ug/l

RT: 7.132 min Scan# 1677

Delta R.T. 0.006 min

Lab File: VN065335.D

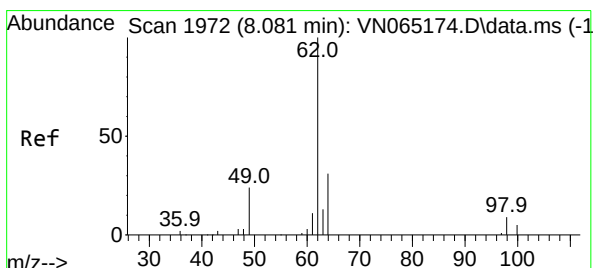
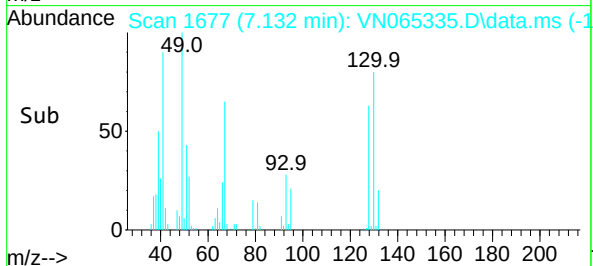
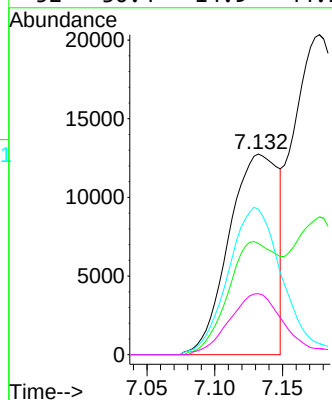
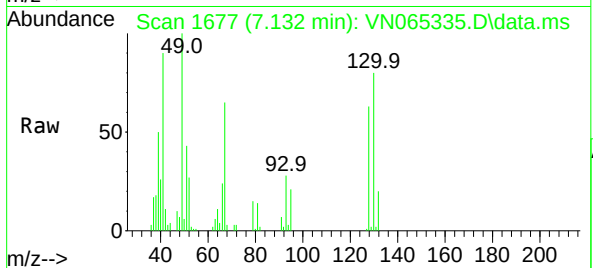
Acq: 31 Dec 2020 9:35

Tgt Ion:	41	Resp:	32144
Ion Ratio	Lower	Upper	
41	100		
39	55.4	30.0	90.1
67	72.5	29.2	87.6
52	30.4	14.9	44.9

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

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#36

1,2-Dichloroethane

Concen: 16.71 ug/l

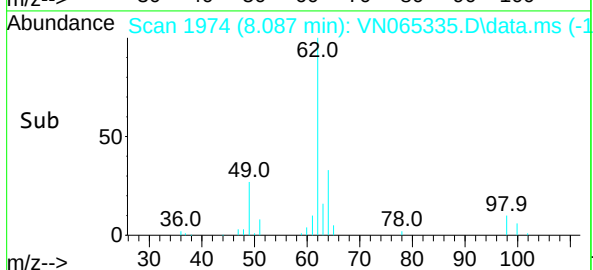
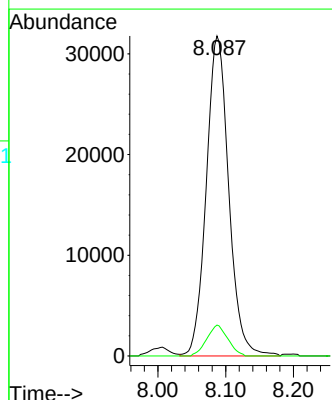
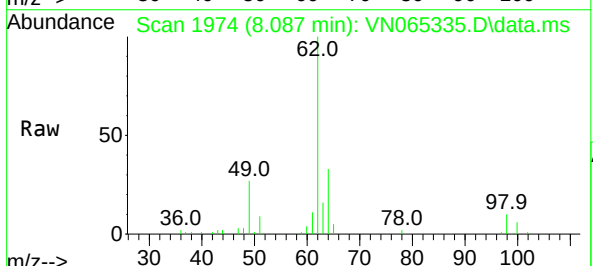
RT: 8.087 min Scan# 1974

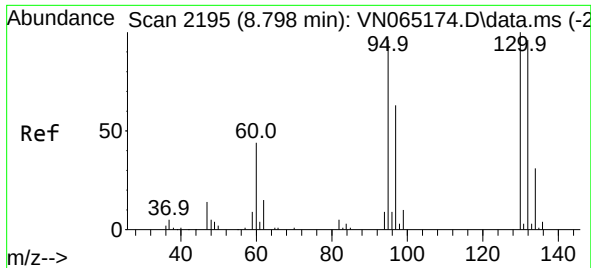
Delta R.T. 0.006 min

Lab File: VN065335.D

Acq: 31 Dec 2020 9:35

Tgt Ion:	62	Resp:	73122
Ion Ratio	Lower	Upper	
62	100		
98	9.0	5.5	8.3#





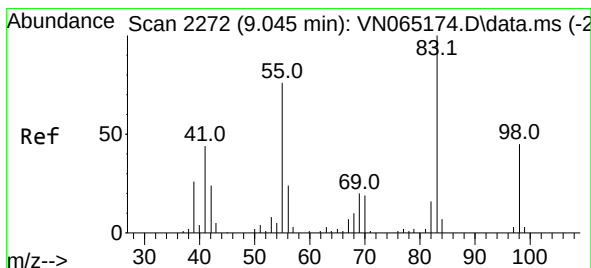
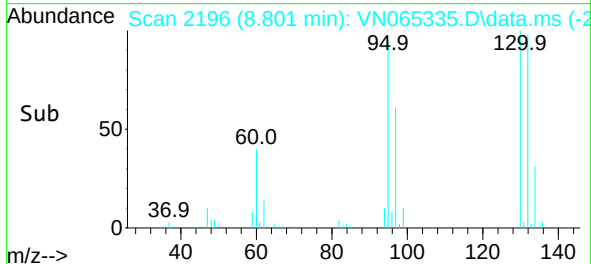
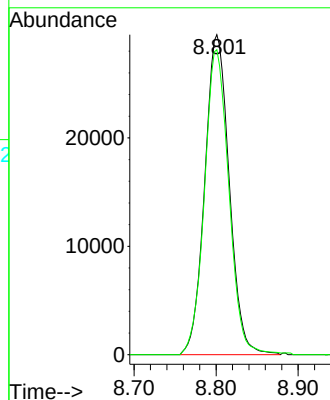
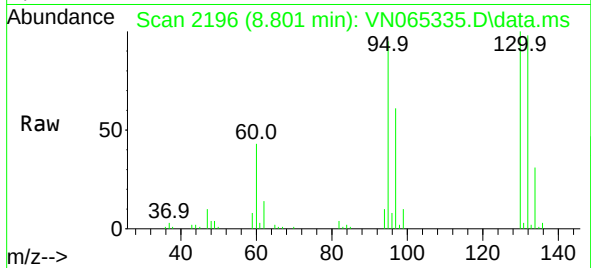
#37
Trichloroethene
Concen: 18.09 ug/l
RT: 8.801 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VN065335.D
Acq: 31 Dec 2020 9:35

Tgt Ion:130 Resp: 61218
Ion Ratio Lower Upper
130 100
95 95.3 85.1 127.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

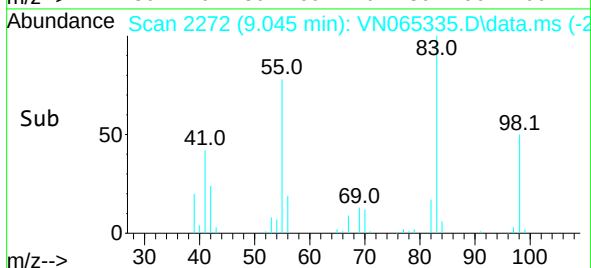
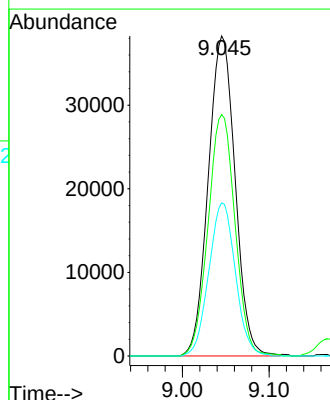
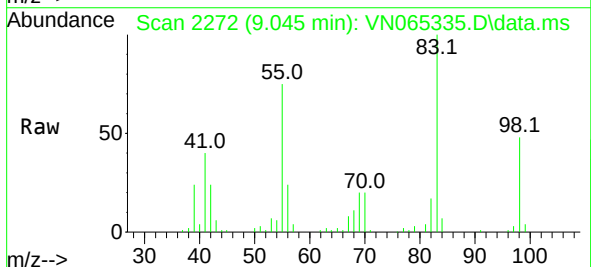
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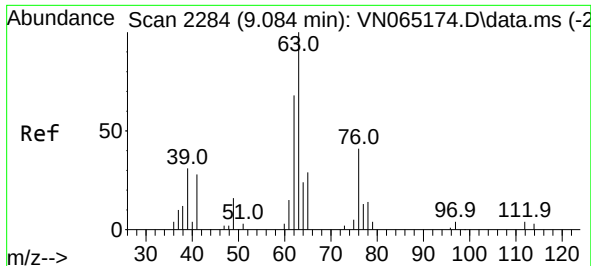
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#38
Methylcyclohexane
Concen: 16.77 ug/l
RT: 9.045 min Scan# 2272
Delta R.T. -0.000 min
Lab File: VN065335.D
Acq: 31 Dec 2020 9:35

Tgt Ion: 83 Resp: 82471
Ion Ratio Lower Upper
83 100
55 75.7 42.0 126.1
98 47.3 22.5 67.5





#39

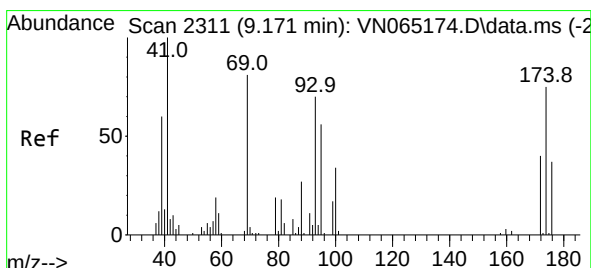
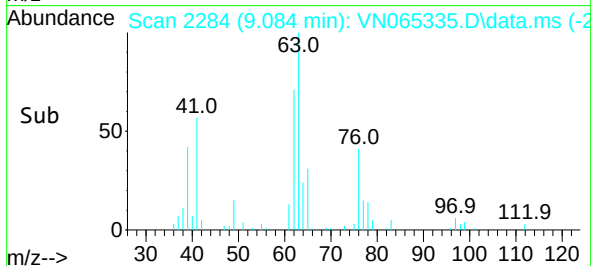
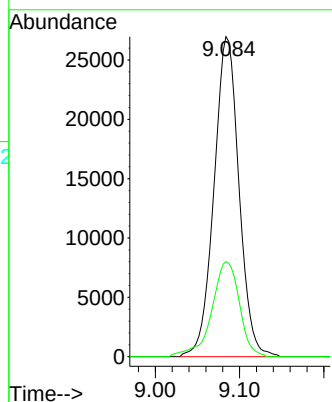
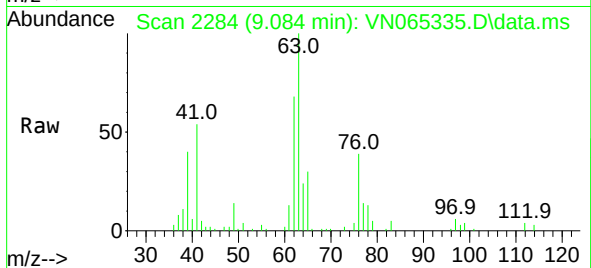
1,2-Dichloropropane
Concen: 17.97 ug/l
RT: 9.084 min Scan# 2284
Delta R.T. -0.000 min
Lab File: VN065335.D
Acq: 31 Dec 2020 9:35

Tgt Ion: 63 Resp: 55453
Ion Ratio Lower Upper
63 100
65 29.7 24.4 36.6

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

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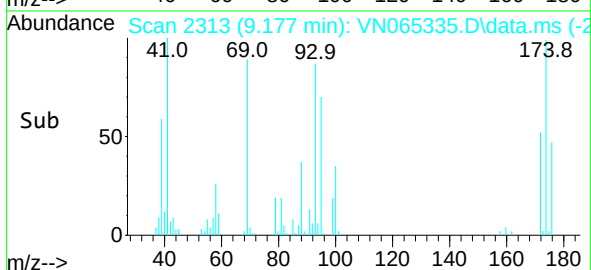
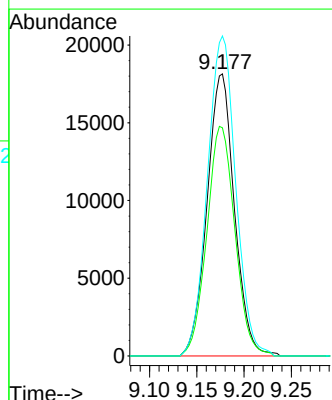
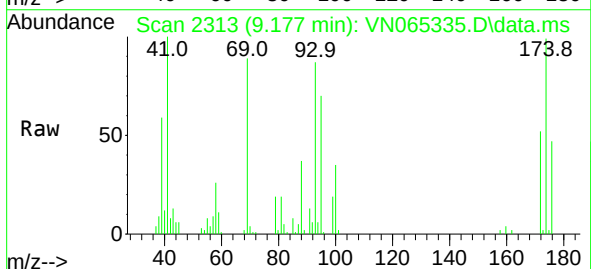
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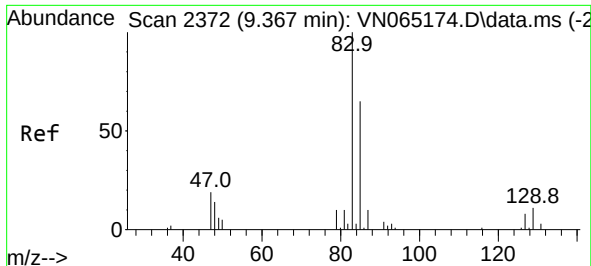


#40

Dibromomethane
Concen: 17.62 ug/l
RT: 9.177 min Scan# 2313
Delta R.T. 0.006 min
Lab File: VN065335.D
Acq: 31 Dec 2020 9:35

Tgt Ion: 93 Resp: 36648
Ion Ratio Lower Upper
93 100
95 83.3 0.0 164.6
174 117.1 0.0 165.6





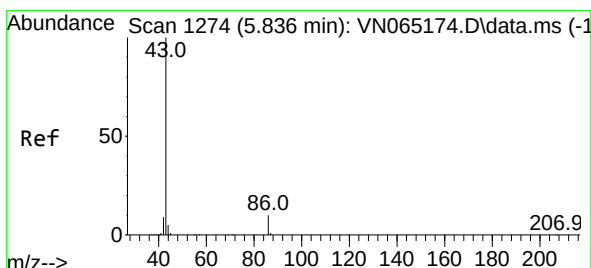
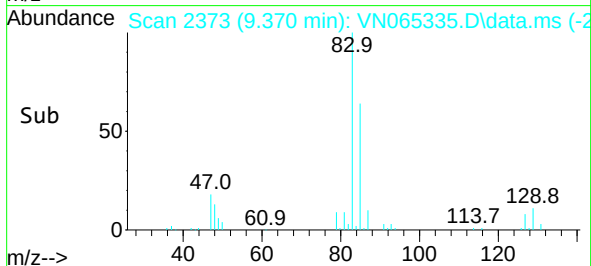
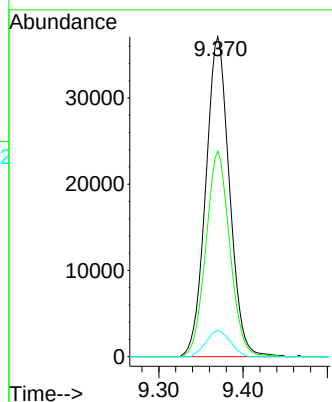
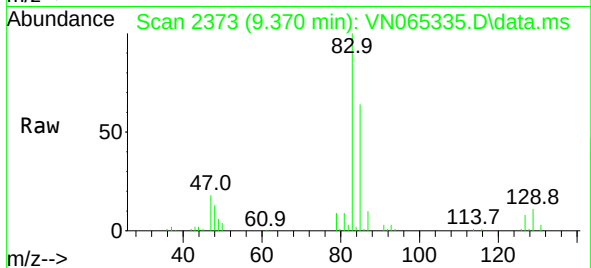
#41
Bromodichloromethane
Concen: 16.36 ug/l
RT: 9.370 min Scan# 2373
Delta R.T. 0.003 min
Lab File: VN065335.D
Acq: 31 Dec 2020 9:35

Tgt Ion: 83 Resp: 72391
Ion Ratio Lower Upper
83 100
85 64.2 51.0 76.4
127 8.1 6.2 9.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

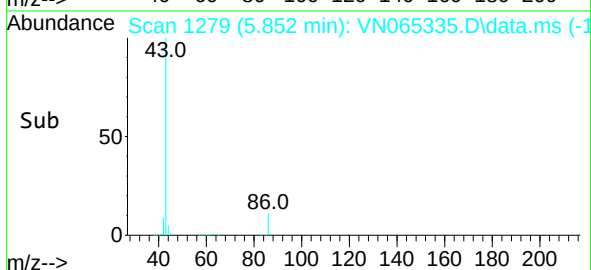
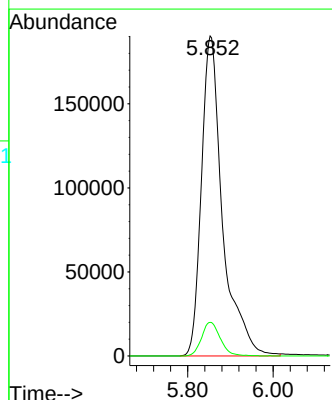
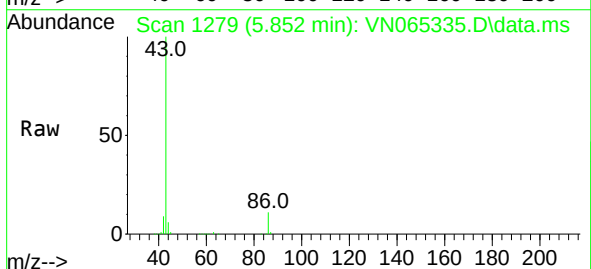
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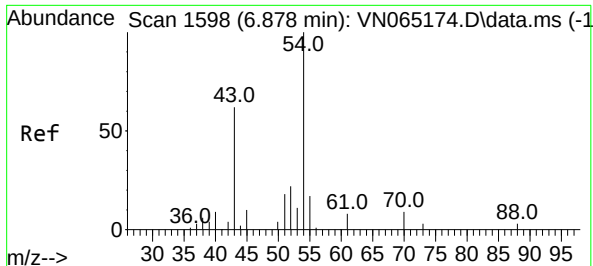
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#42
Vinyl Acetate
Concen: 82.61 ug/l
RT: 5.852 min Scan# 1279
Delta R.T. 0.016 min
Lab File: VN065335.D
Acq: 31 Dec 2020 9:35

Tgt Ion: 43 Resp: 654035
Ion Ratio Lower Upper
43 100
86 9.3 6.3 9.5





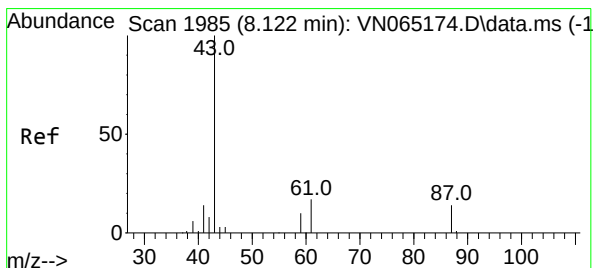
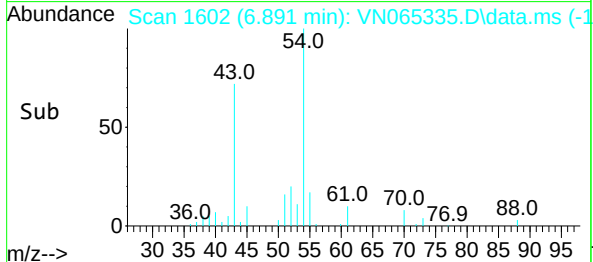
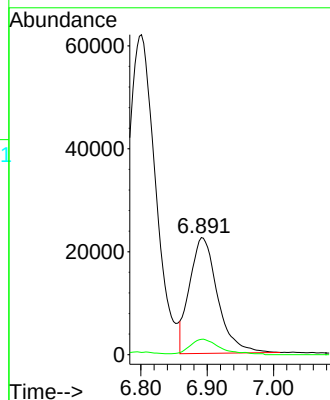
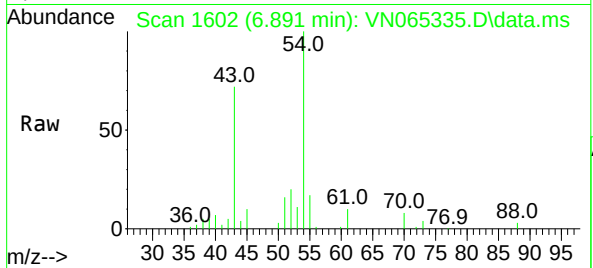
#43
Ethyl Acetate
Concen: 18.34 ug/l
RT: 6.891 min Scan# 1602
Delta R.T. 0.013 min
Lab File: VN065335.D
Acq: 31 Dec 2020 9:35

Tgt Ion: 43 Resp: 65857
Ion Ratio Lower Upper
43 100
45 12.1 10.9 16.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

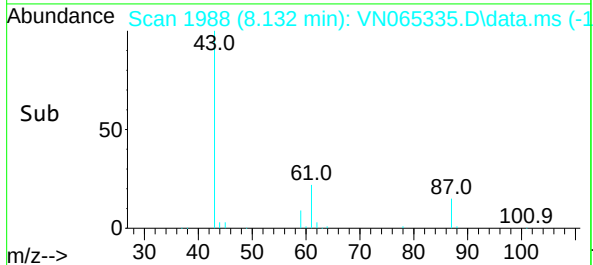
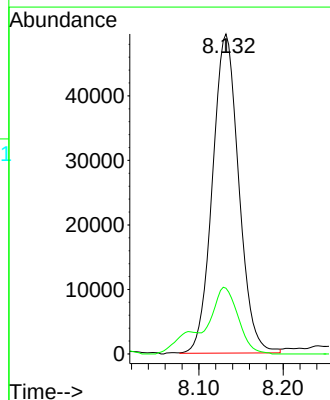
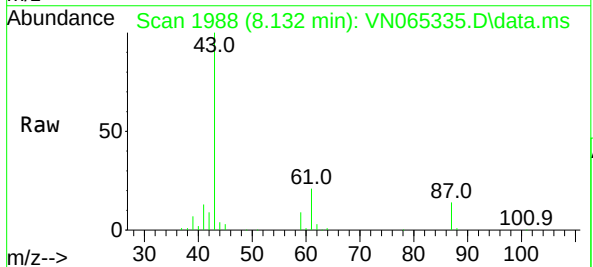
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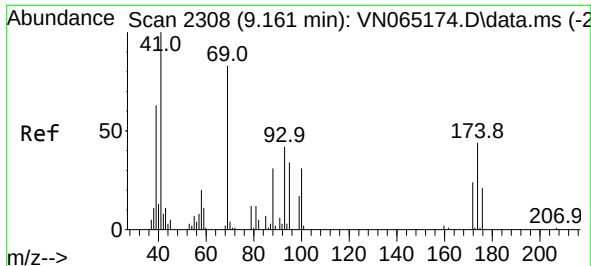
MMDadoda
1/4/2021 9:29:19 AM



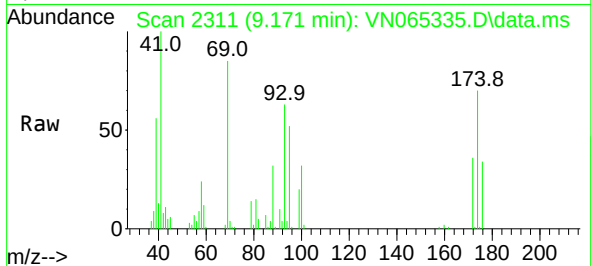
#44
Isopropyl Acetate
Concen: 15.84 ug/l
RT: 8.132 min Scan# 1988
Delta R.T. 0.010 min
Lab File: VN065335.D
Acq: 31 Dec 2020 9:35

Tgt Ion: 43 Resp: 107192
Ion Ratio Lower Upper
43 100
61 20.8 13.0 19.4#

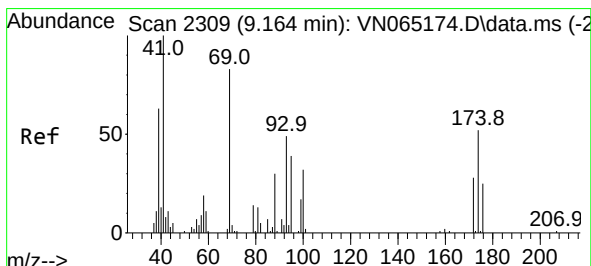
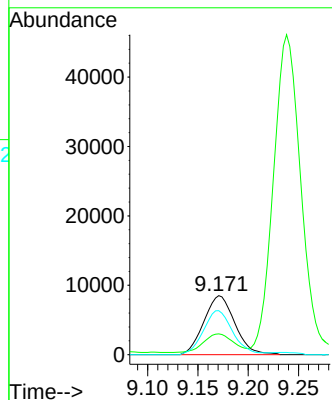
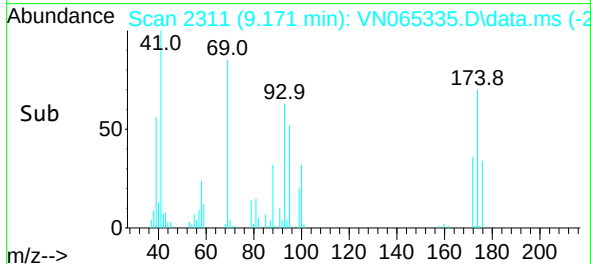




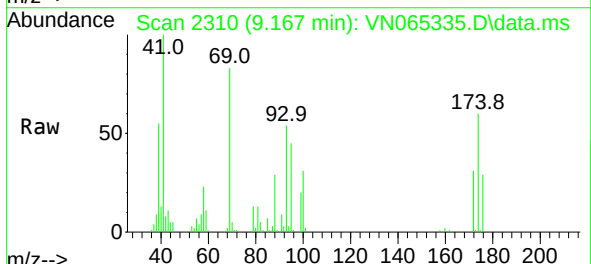
#45
1,4-Dioxane
Concen: 356.33 ug/l
RT: 9.171 min Scan# 2311
Delta R.T. 0.010 min
Lab File: VN065335.D
Acq: 31 Dec 2020 9:35



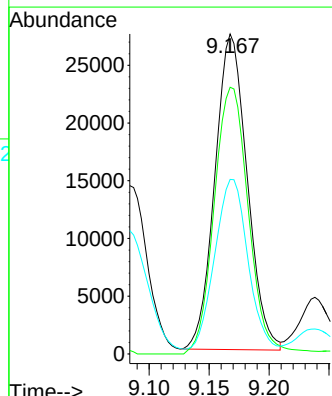
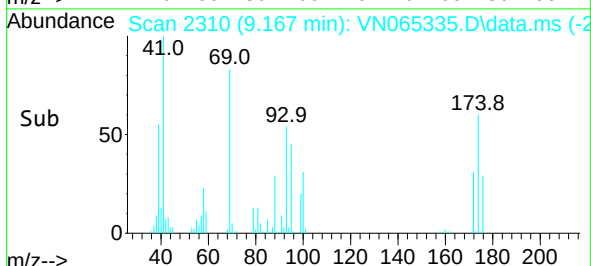
Tgt Ion: 88 Resp: 18223
Ion Ratio Lower Upper
88 100
43 30.1 30.6 46.0#
58 70.4 57.9 86.9



#46
Methyl methacrylate
Concen: 15.90 ug/l
RT: 9.167 min Scan# 2310
Delta R.T. 0.003 min
Lab File: VN065335.D
Acq: 31 Dec 2020 9:35



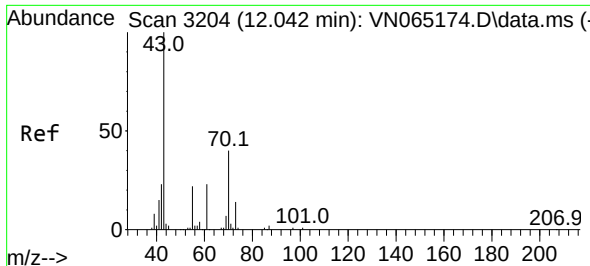
Tgt Ion: 41 Resp: 51089
Ion Ratio Lower Upper
41 100
69 84.7 35.4 106.2
39 53.7 31.6 94.7



Instrument :
MSVOA_N
ClientSampleId :
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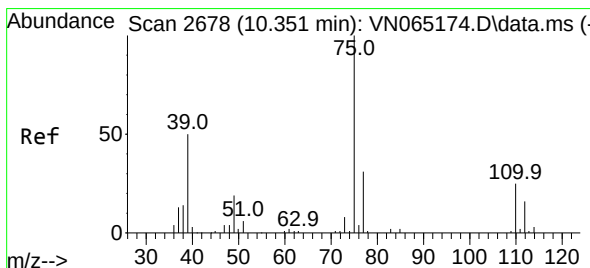
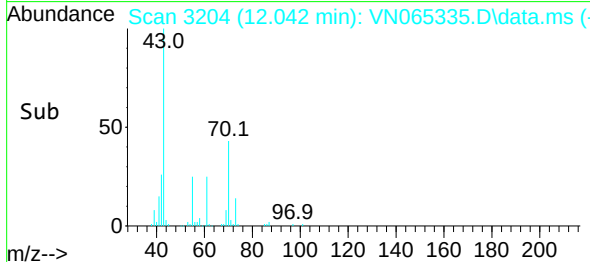
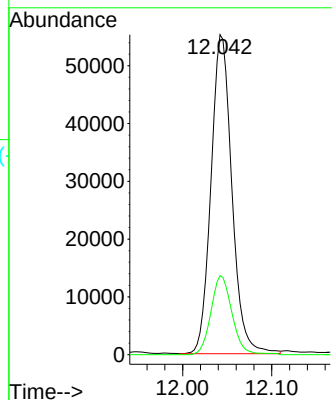
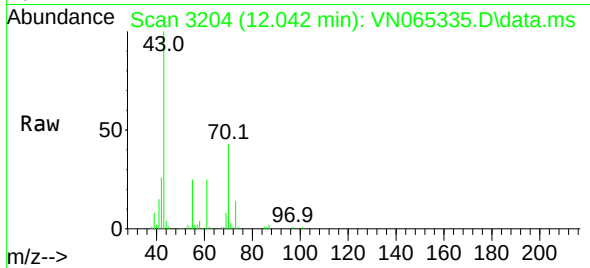
#47
n-amy1 Acetate
Concen: 15.80 ug/l
RT: 12.042 min Scan# 3204
Delta R.T. -0.000 min
Lab File: VN065335.D
Acq: 31 Dec 2020 9:35

Tgt Ion: 43 Resp: 89771
Ion Ratio Lower Upper
43 100
55 24.9 19.2 28.8

Instrument :
MSVOA_N
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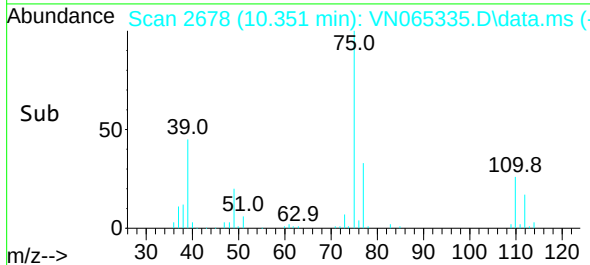
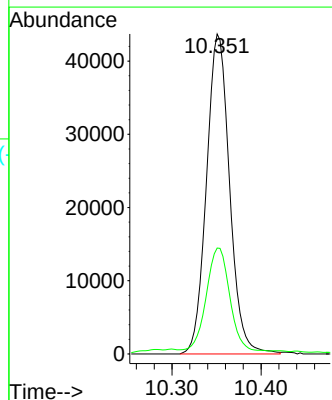
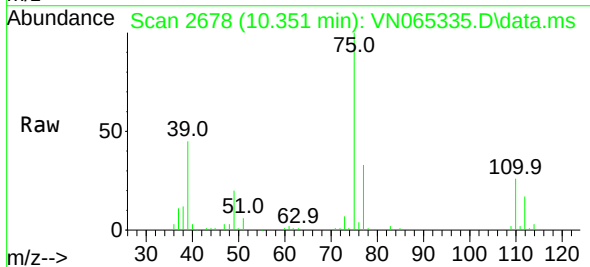
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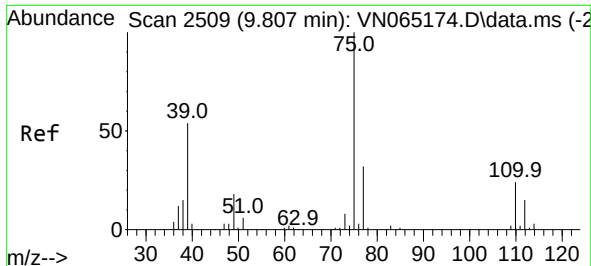
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#48
t-1,3-Dichloropropene
Concen: 15.82 ug/l
RT: 10.351 min Scan# 2678
Delta R.T. -0.000 min
Lab File: VN065335.D
Acq: 31 Dec 2020 9:35

Tgt Ion: 75 Resp: 78702
Ion Ratio Lower Upper
75 100
77 32.1 25.8 38.6





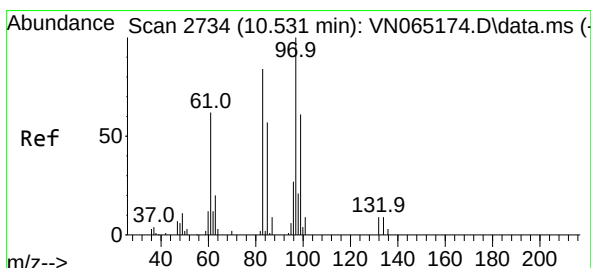
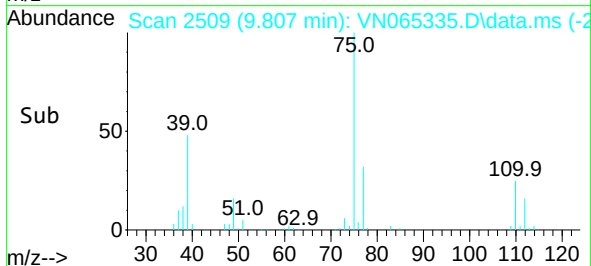
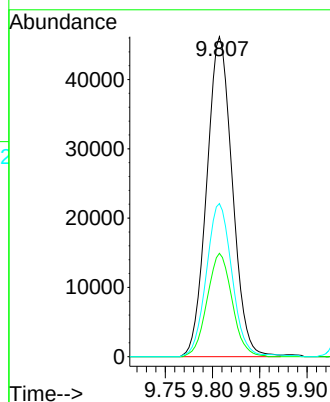
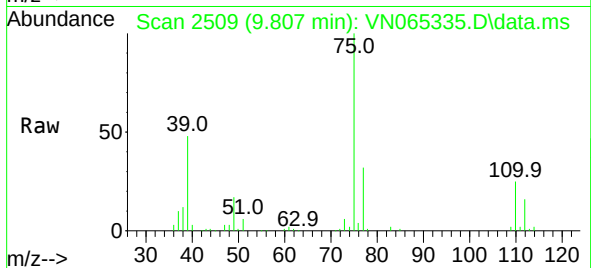
#49
 cis-1,3-Dichloropropene
 Concen: 16.53 ug/l
 RT: 9.807 min Scan# 2509
 Delta R.T. -0.000 min
 Lab File: VN065335.D
 Acq: 31 Dec 2020 9:35

Tgt Ion:	75	Resp:	86869
Ion	Ratio	Lower	Upper
75	100		
77	32.3	24.8	37.2
39	47.8	47.4	71.0

Instrument :
 MSVOA_N
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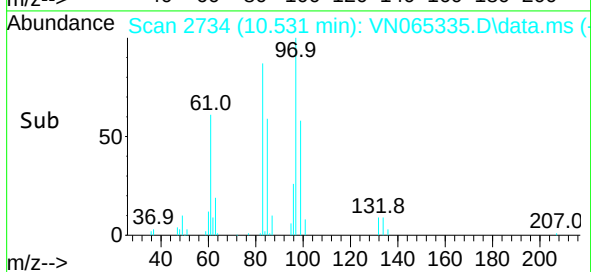
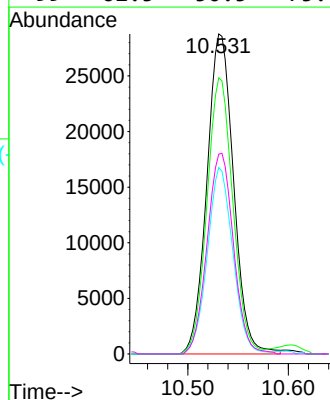
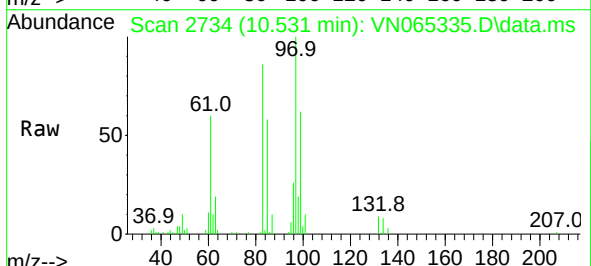
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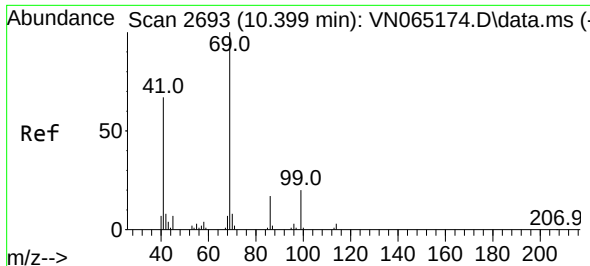
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#50
 1,1,2-Trichloroethane
 Concen: 18.11 ug/l
 RT: 10.531 min Scan# 2734
 Delta R.T. -0.000 min
 Lab File: VN065335.D
 Acq: 31 Dec 2020 9:35

Tgt Ion:	97	Resp:	53038
Ion	Ratio	Lower	Upper
97	100		
83	86.3	74.2	111.4
85	58.2	44.8	67.2
99	62.5	50.5	75.7





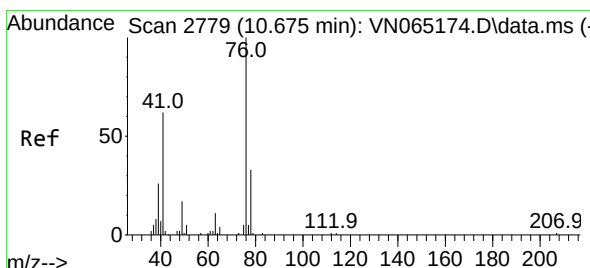
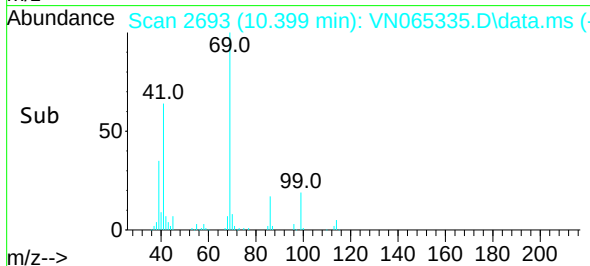
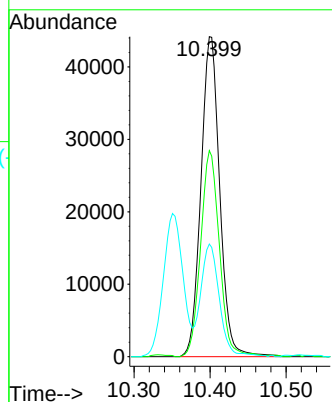
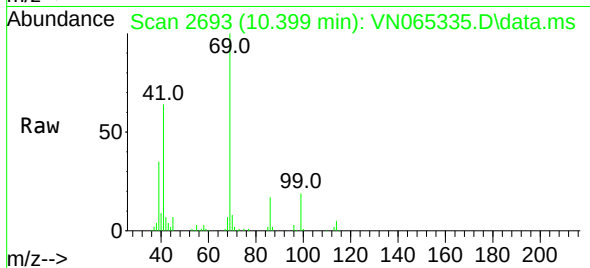
#51
Ethyl methacrylate
Concen: 16.62 ug/l
RT: 10.399 min Scan# 2693
Delta R.T. -0.000 min
Lab File: VN065335.D
Acq: 31 Dec 2020 9:35

Tgt Ion: 69 Resp: 76029
Ion Ratio Lower Upper
69 100
41 64.4 35.4 106.1
39 35.2 24.1 72.2

Instrument :
MSVOA_N
ClientSampleId :
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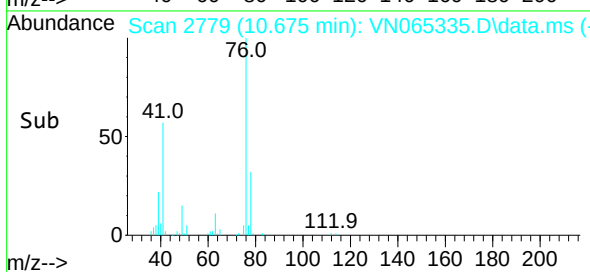
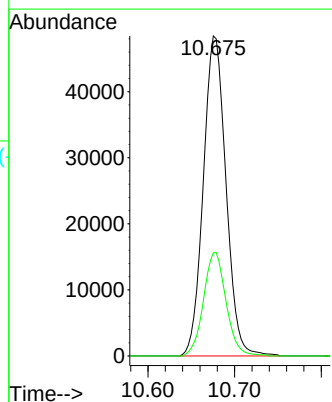
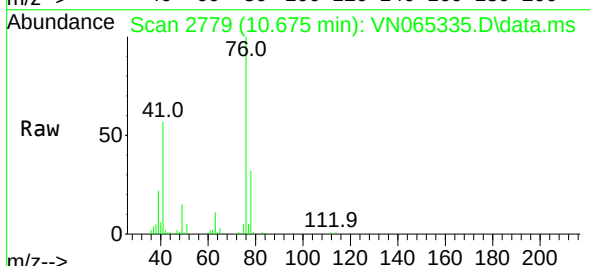
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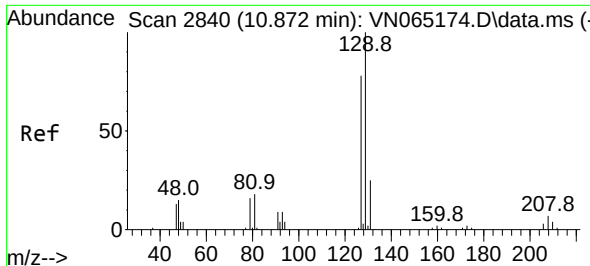
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#52
1,3-Dichloropropane
Concen: 18.04 ug/l
RT: 10.675 min Scan# 2779
Delta R.T. -0.000 min
Lab File: VN065335.D
Acq: 31 Dec 2020 9:35

Tgt Ion: 76 Resp: 88137
Ion Ratio Lower Upper
76 100
78 32.2 0.0 65.2





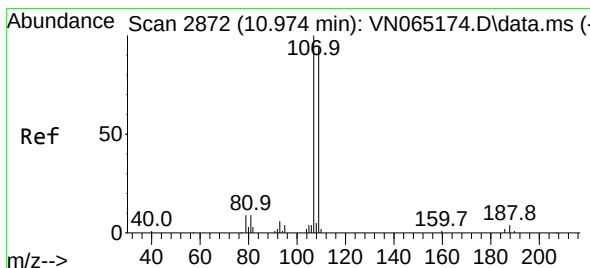
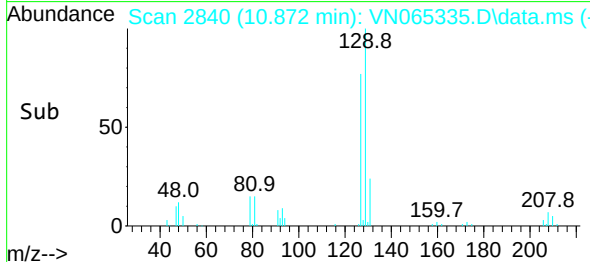
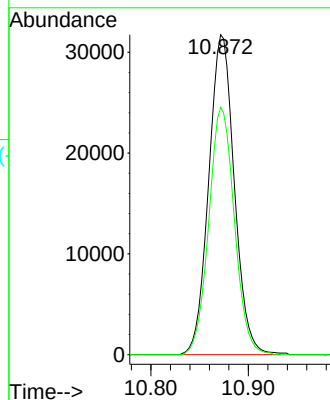
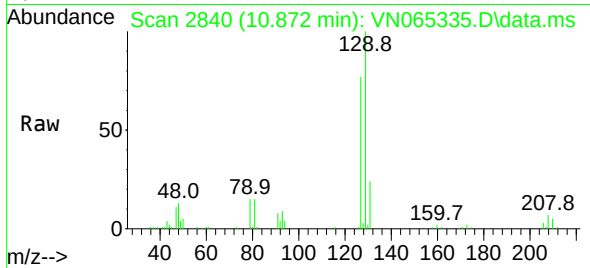
#53
Dibromochloromethane
Concen: 16.56 ug/l
RT: 10.872 min Scan# 2840
Delta R.T. -0.000 min
Lab File: VN065335.D
Acq: 31 Dec 2020 9:35

Tgt Ion:129 Resp: 57943
Ion Ratio Lower Upper
129 100
127 77.3 39.1 117.2

Instrument :
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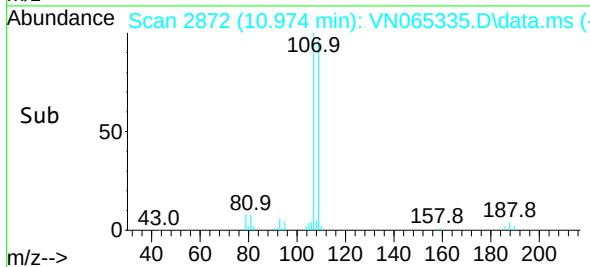
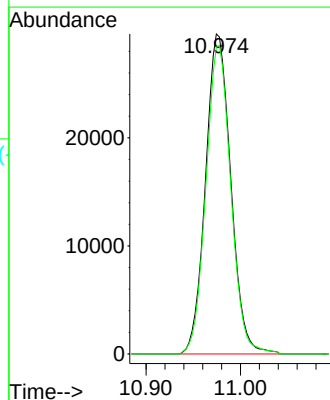
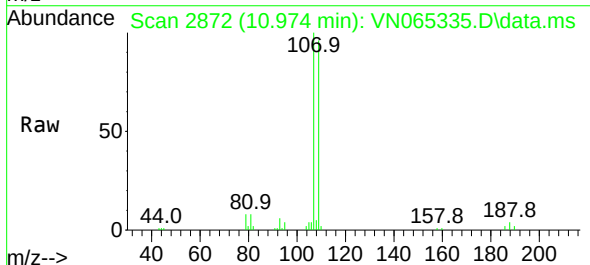
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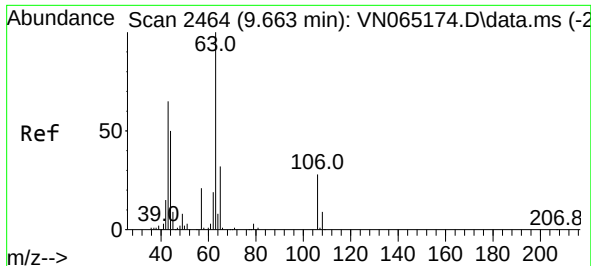
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#54
1,2-Dibromoethane
Concen: 17.57 ug/l
RT: 10.974 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VN065335.D
Acq: 31 Dec 2020 9:35

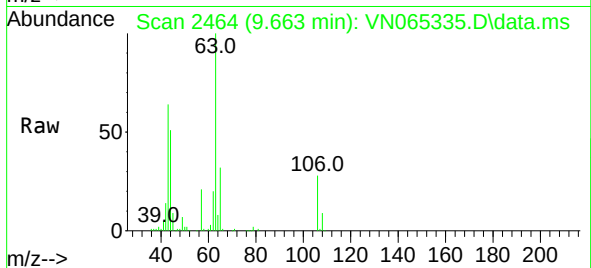
Tgt Ion:107 Resp: 55093
Ion Ratio Lower Upper
107 100
109 95.0 77.2 115.8





#55
2-Chloroethyl vinyl ether
Concen: 79.99 ug/l
RT: 9.663 min Scan# 2464
Delta R.T. -0.000 min
Lab File: VN065335.D
Acq: 31 Dec 2020 9:35

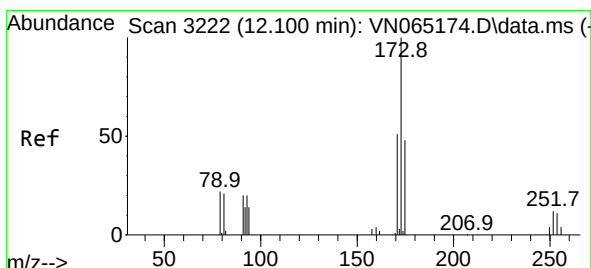
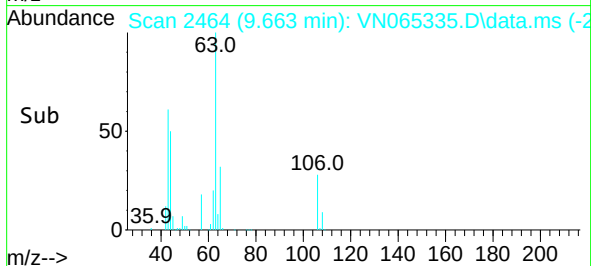
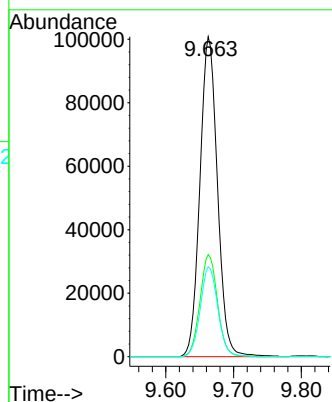
Instrument :
MSVOA_N
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Tgt Ion	Ratio	Lower	Upper
63	100		
65	31.8	25.7	38.5
106	28.1	19.9	29.9

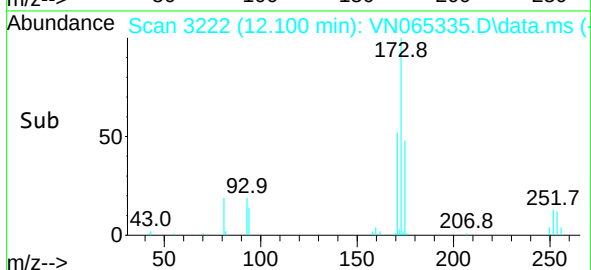
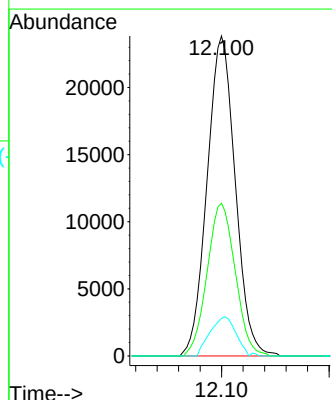
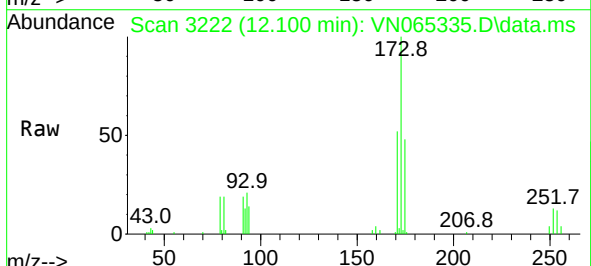
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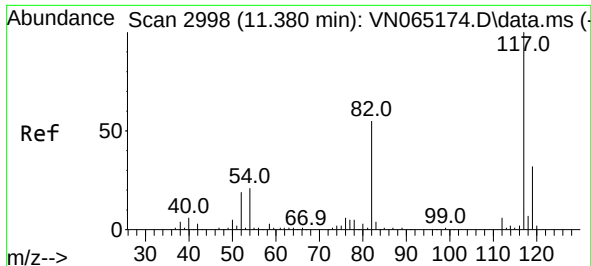
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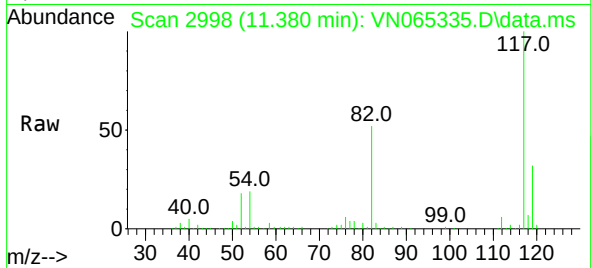
#56
Bromoform
Concen: 15.97 ug/l
RT: 12.100 min Scan# 3222
Delta R.T. -0.000 min
Lab File: VN065335.D
Acq: 31 Dec 2020 9:35

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.6	37.1	55.7
254	11.2	5.4	8.2

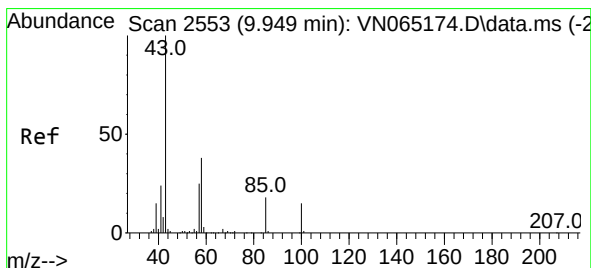
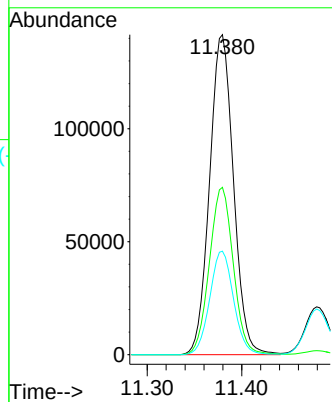
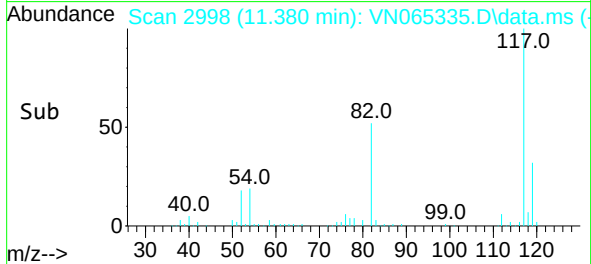




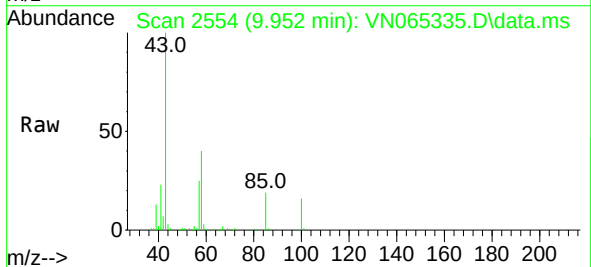
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065335.D
Acq: 31 Dec 2020 9:35



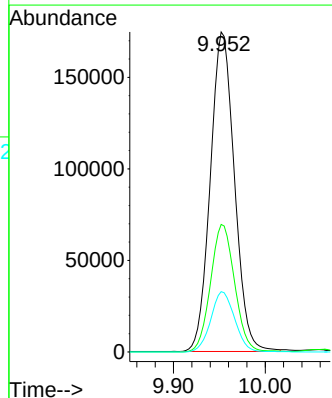
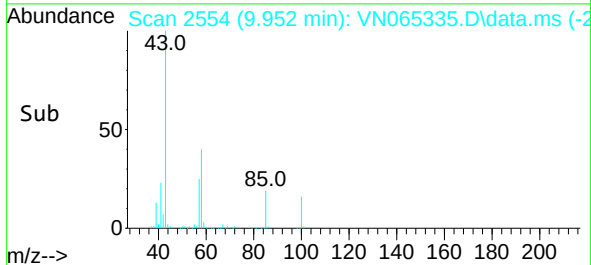
Tgt Ion: 117 Resp: 249048
Ion Ratio Lower Upper
117 100
82 52.4 47.8 71.8
119 32.3 25.7 38.5



#58
4-Methyl-2-Pentanone
Concen: 83.91 ug/l
RT: 9.952 min Scan# 2554
Delta R.T. 0.003 min
Lab File: VN065335.D
Acq: 31 Dec 2020 9:35



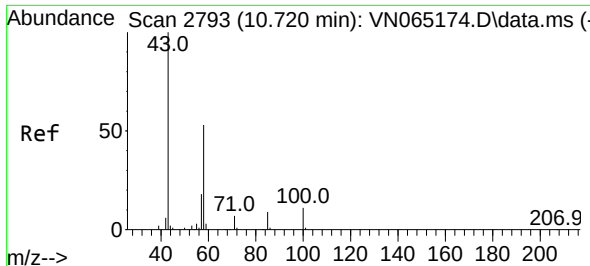
Tgt Ion: 43 Resp: 319376
Ion Ratio Lower Upper
43 100
58 39.9 28.8 43.2
85 18.7 12.3 18.5#



Instrument :
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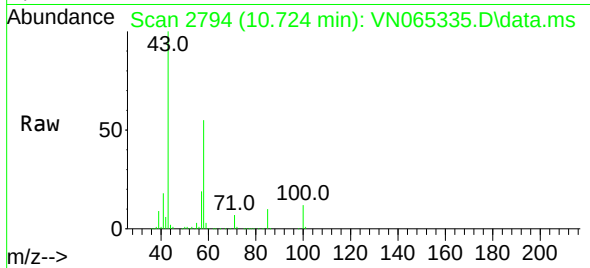
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#59
2-Hexanone
Concen: 90.49 ug/l
RT: 10.724 min Scan# 2794
Delta R.T. 0.003 min
Lab File: VN065335.D
Acq: 31 Dec 2020 9:35

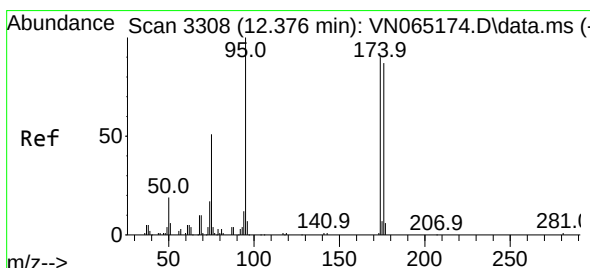
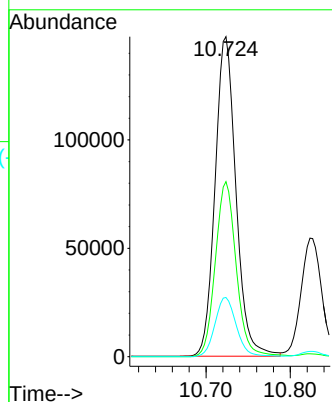
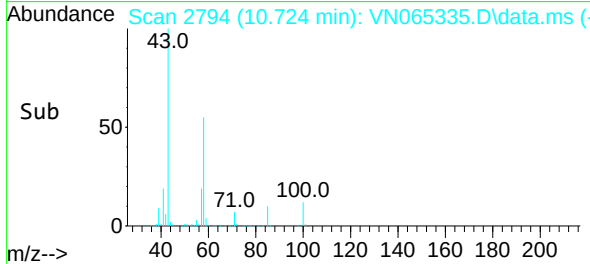
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



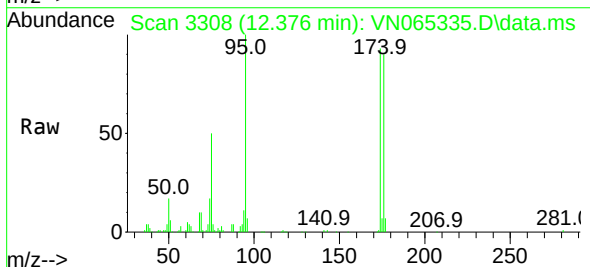
Tgt Ion: 43 Resp: 253753
Ion Ratio Lower Upper
43 100
58 54.8 38.2 57.4
57 19.1 13.8 20.8

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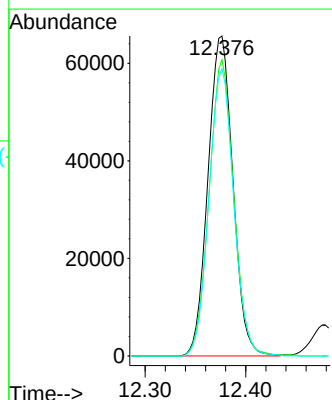
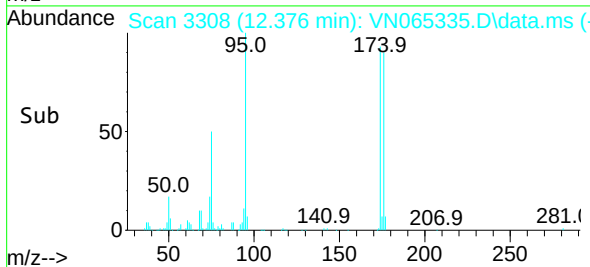
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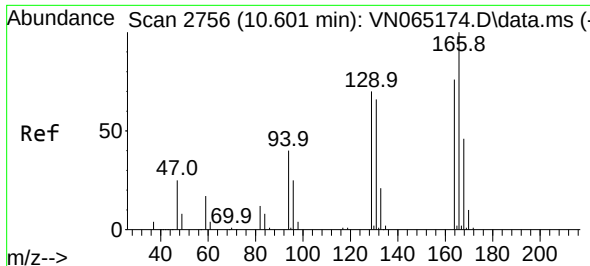


#60
4-Bromofluorobenzene
Concen: 28.57 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.000 min
Lab File: VN065335.D
Acq: 31 Dec 2020 9:35



Tgt Ion: 95 Resp: 113186
Ion Ratio Lower Upper
95 100
174 91.3 56.4 84.6#
176 89.0 53.3 79.9#





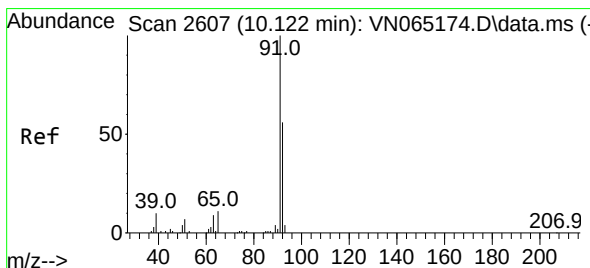
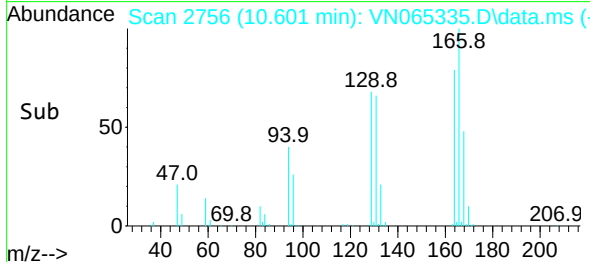
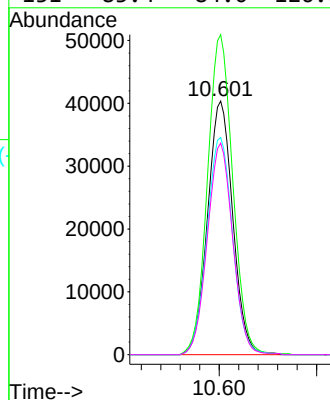
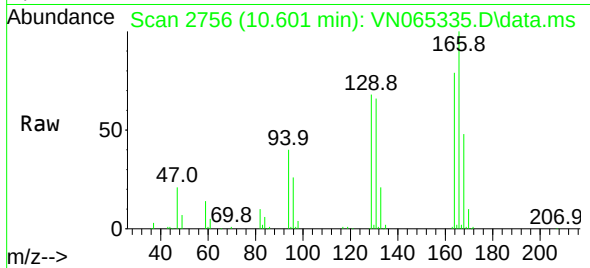
#61
Tetrachloroethene
Concen: 19.39 ug/l
RT: 10.601 min Scan# 2756
Delta R.T. -0.000 min
Lab File: VN065335.D
Acq: 31 Dec 2020 9:35

Tgt Ion:164 Resp: 72452
Ion Ratio Lower Upper
164 100
166 126.2 103.2 154.8
129 85.6 86.4 129.6#
131 83.4 84.0 126.0#

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

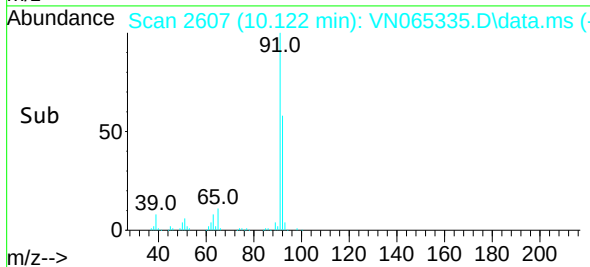
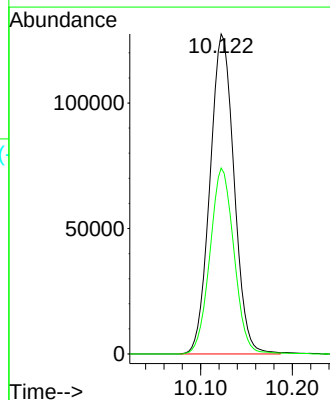
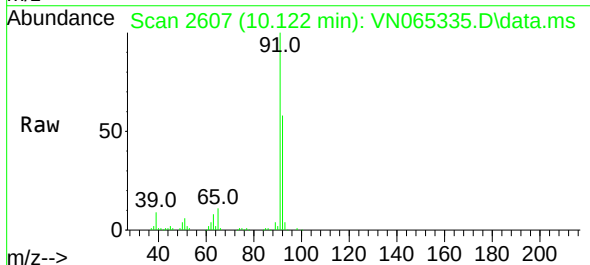
Manual Integrations
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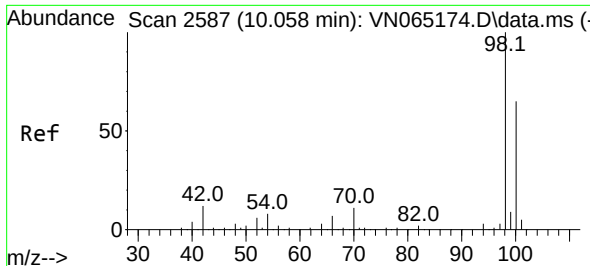
MMDadoda
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#62
Toluene
Concen: 17.59 ug/l
RT: 10.122 min Scan# 2607
Delta R.T. -0.000 min
Lab File: VN065335.D
Acq: 31 Dec 2020 9:35

Tgt Ion: 91 Resp: 232798
Ion Ratio Lower Upper
91 100
92 58.1 45.4 68.2





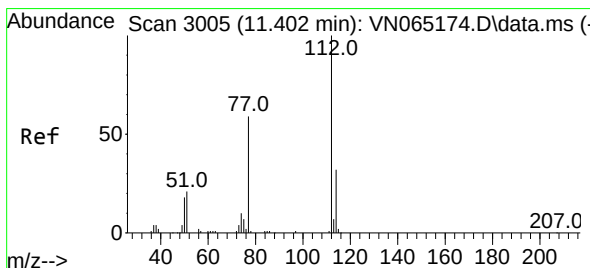
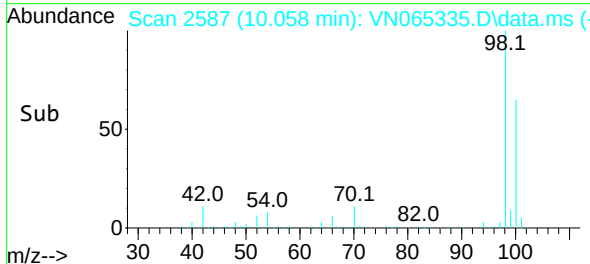
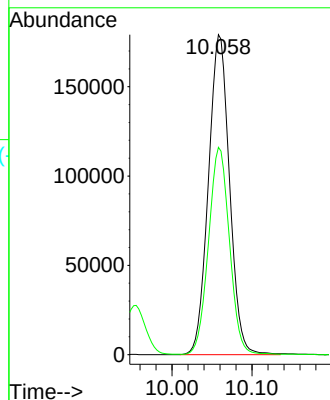
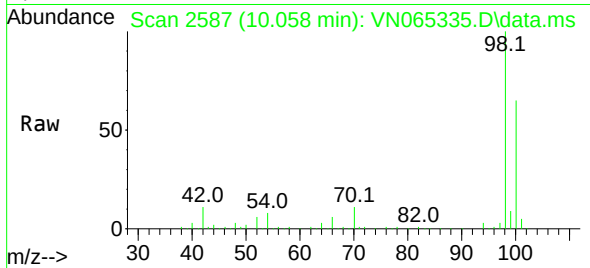
#63
Toluene-d8
Concen: 29.70 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.000 min
Lab File: VN065335.D
Acq: 31 Dec 2020 9:35

Tgt Ion: 98 Resp: 328055
Ion Ratio Lower Upper
98 100
100 64.2 49.4 74.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

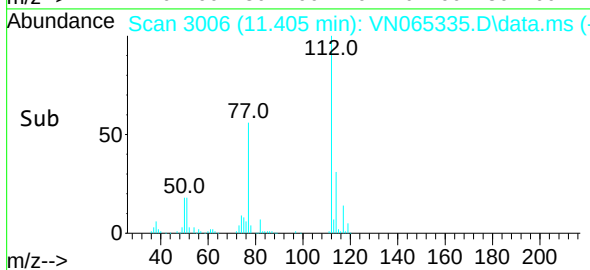
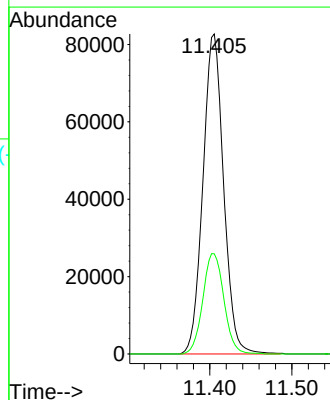
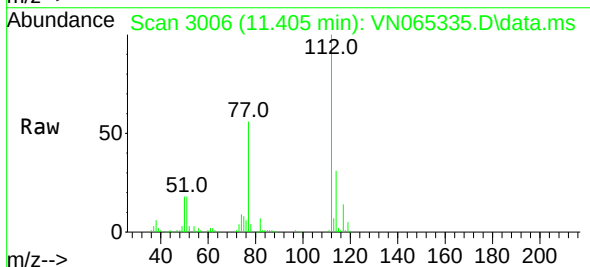
Manual Integrations
APPROVED

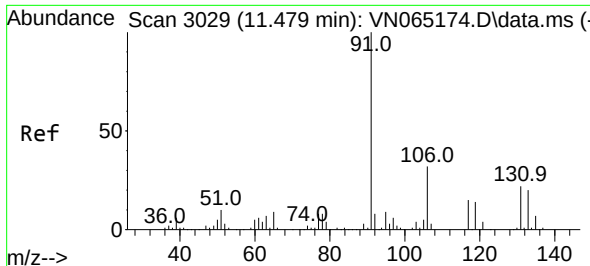
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#64
Chlorobenzene
Concen: 17.74 ug/l
RT: 11.405 min Scan# 3006
Delta R.T. 0.003 min
Lab File: VN065335.D
Acq: 31 Dec 2020 9:35

Tgt Ion: 112 Resp: 144866
Ion Ratio Lower Upper
112 100
114 31.3 25.0 37.6





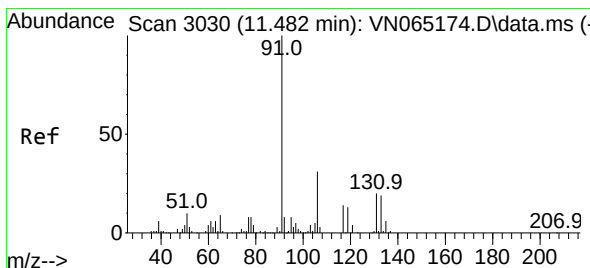
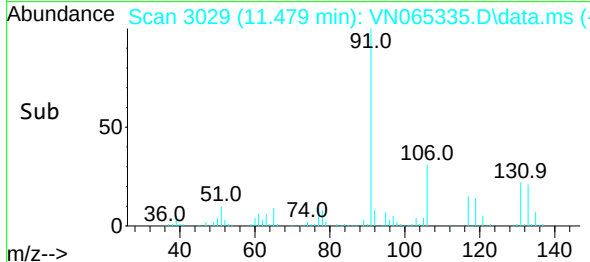
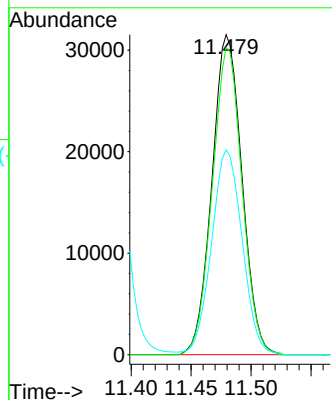
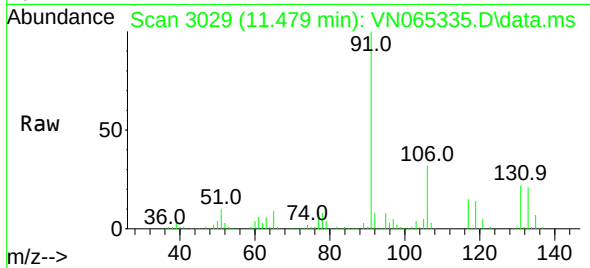
#65
1,1,1,2-Tetrachloroethane
Concen: 17.00 ug/l
RT: 11.479 min Scan# 3029
Delta R.T. -0.000 min
Lab File: VN065335.D
Acq: 31 Dec 2020 9:35

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.0	0.0	191.2
119	65.2	0.0	131.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

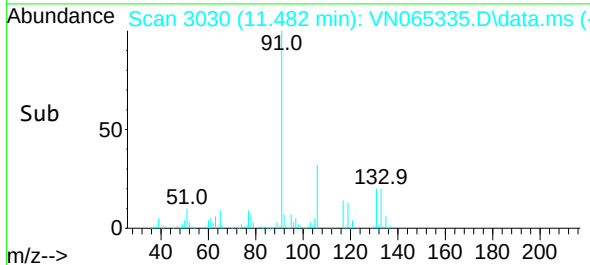
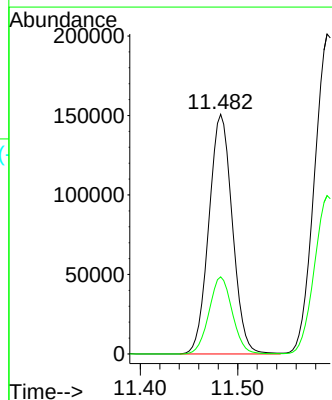
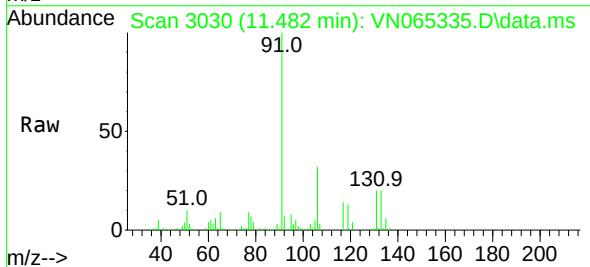
Manual Integrations
APPROVED

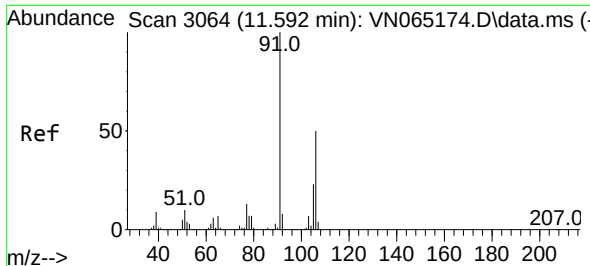
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#66
Ethyl Benzene
Concen: 17.11 ug/l
RT: 11.482 min Scan# 3030
Delta R.T. -0.000 min
Lab File: VN065335.D
Acq: 31 Dec 2020 9:35

Tgt Ion	Ratio	Lower	Upper
91	100		
106	32.2	23.9	35.9





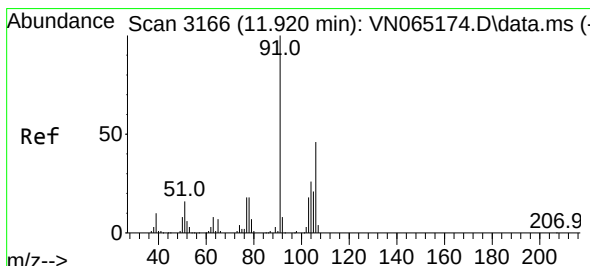
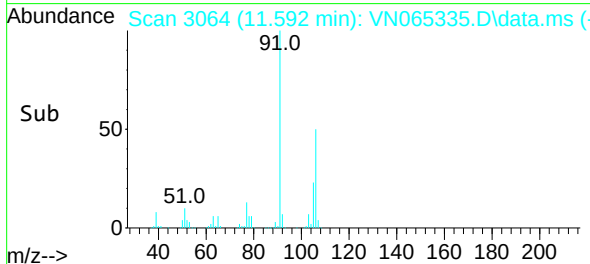
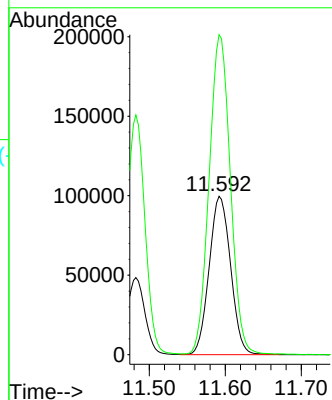
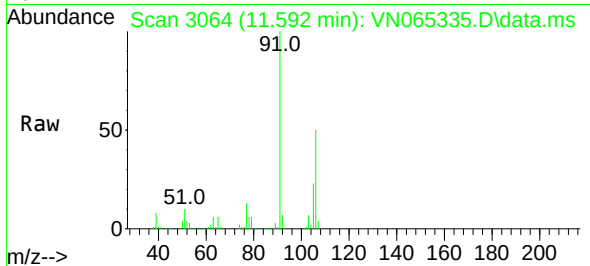
#67
m/p-Xylenes
Concen: 35.05 ug/l
RT: 11.592 min Scan# 3064
Delta R.T. -0.000 min
Lab File: VN065335.D
Acq: 31 Dec 2020 9:35

Tgt Ion:106 Resp: 195476
Ion Ratio Lower Upper
106 100
91 199.2 168.8 253.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

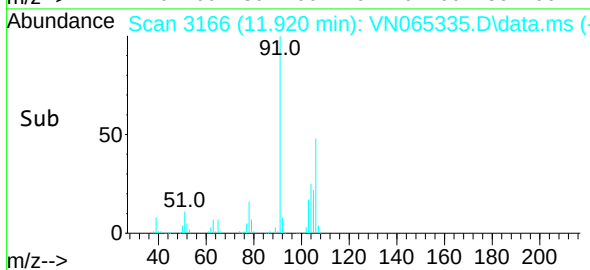
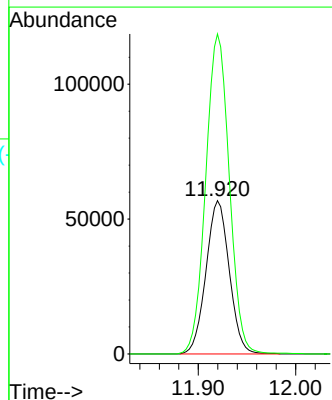
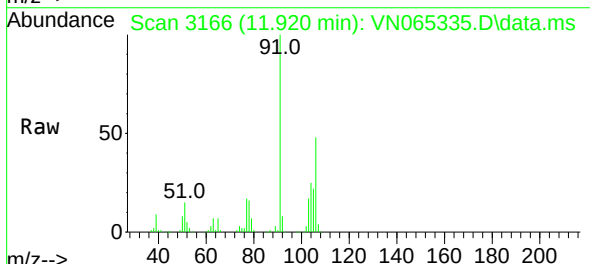
Manual Integrations
APPROVED

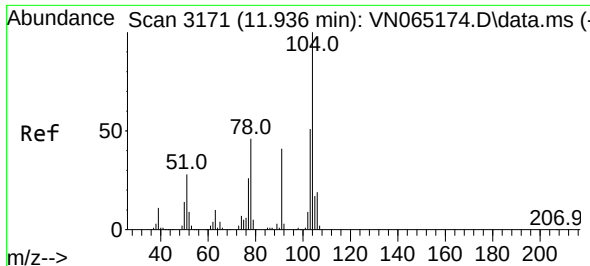
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#68
o-Xylene
Concen: 17.53 ug/l
RT: 11.920 min Scan# 3166
Delta R.T. -0.000 min
Lab File: VN065335.D
Acq: 31 Dec 2020 9:35

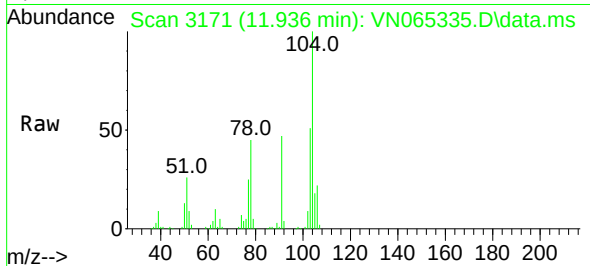
Tgt Ion:106 Resp: 94418
Ion Ratio Lower Upper
106 100
91 211.3 109.7 329.2





#69
Styrene
Concen: 17.04 ug/l
RT: 11.936 min Scan# 3171
Delta R.T. -0.000 min
Lab File: VN065335.D
Acq: 31 Dec 2020 9:35

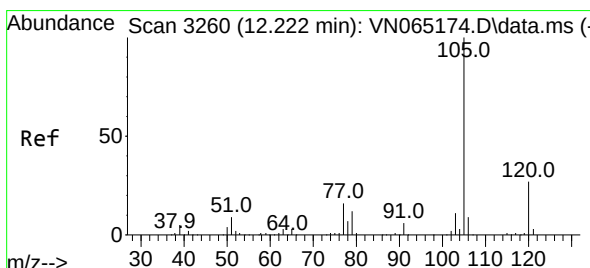
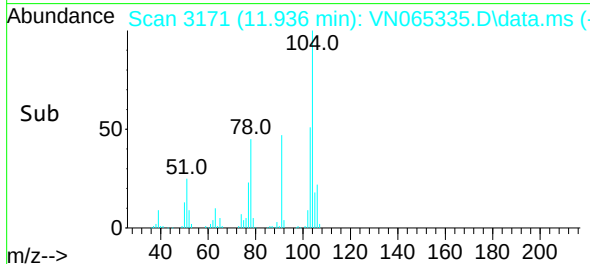
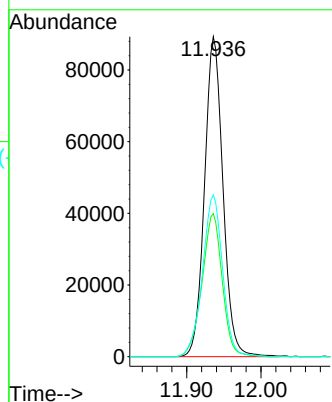
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



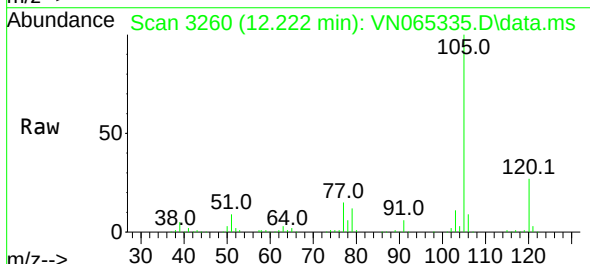
Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.9	44.4	66.6
103	55.1	44.6	67.0

Manual Integrations
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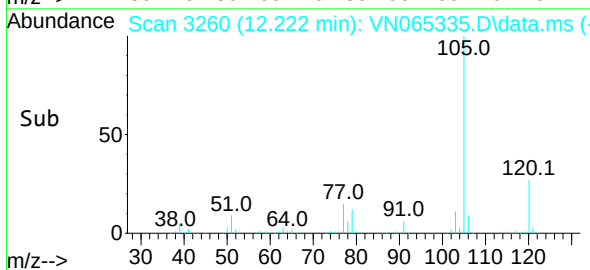
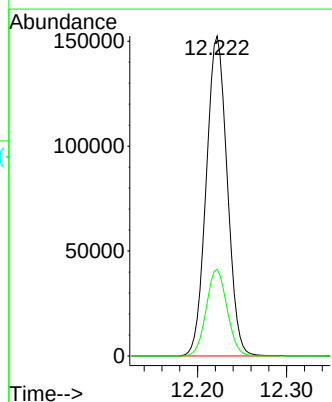
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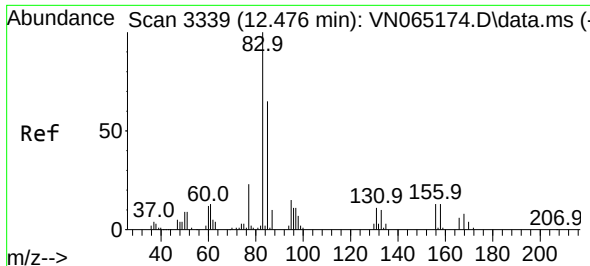


#70
Isopropylbenzene
Concen: 17.28 ug/l
RT: 12.222 min Scan# 3260
Delta R.T. -0.000 min
Lab File: VN065335.D
Acq: 31 Dec 2020 9:35



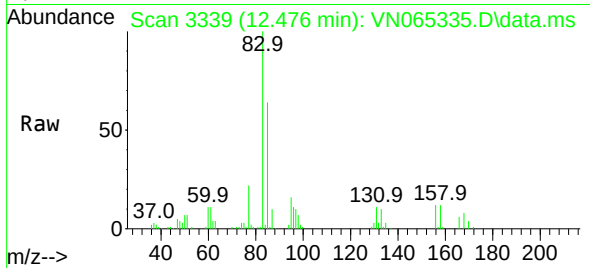
Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.9	17.9	33.3





#71
 1,1,2,2-Tetrachloroethane
 Concen: 17.49 ug/l
 RT: 12.476 min Scan# 3339
 Delta R.T. -0.000 min
 Lab File: VN065335.D
 Acq: 31 Dec 2020 9:35

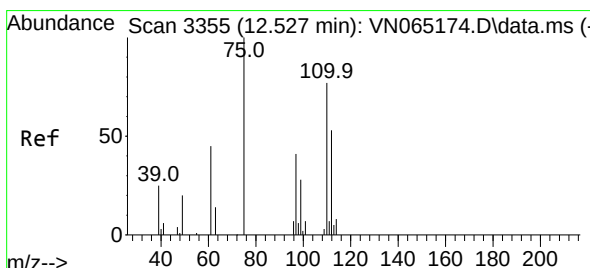
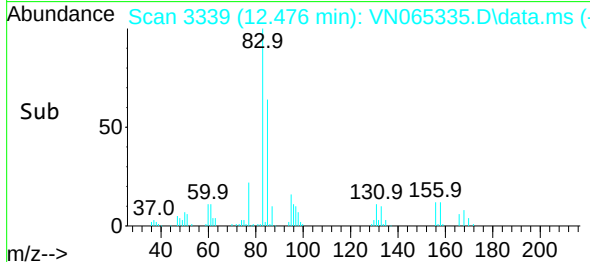
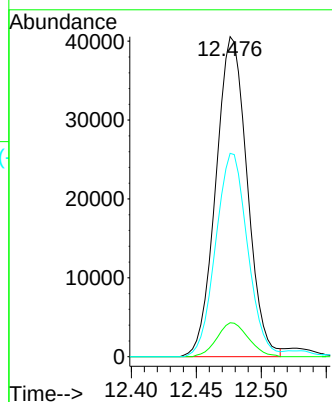
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020



Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.7	4.6	13.8
85	64.6	31.4	94.0

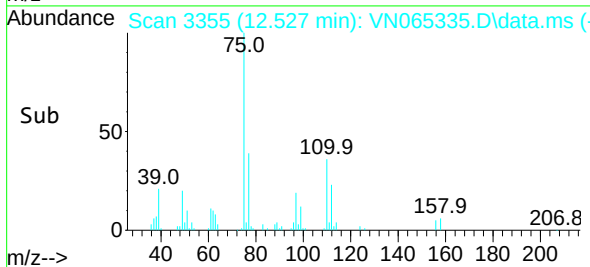
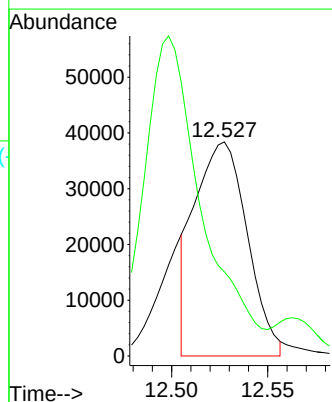
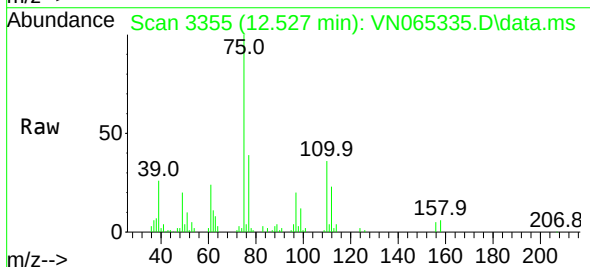
Manual Integrations
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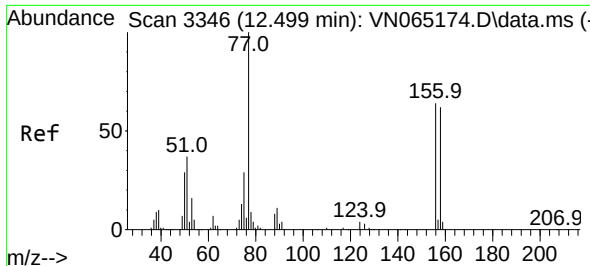
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#72
 1,2,3-Trichloropropane
 Concen: 18.36 ug/l m
 RT: 12.527 min Scan# 3355
 Delta R.T. -0.000 min
 Lab File: VN065335.D
 Acq: 31 Dec 2020 9:35

Tgt Ion	Ratio	Lower	Upper
75	100		
77	166.9	0.0	379.4





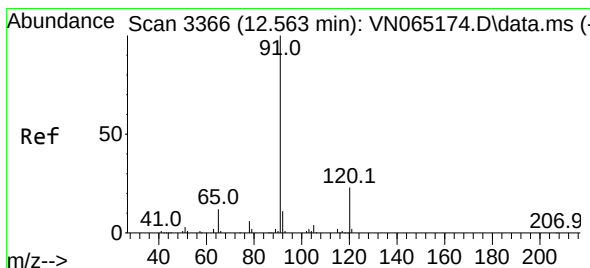
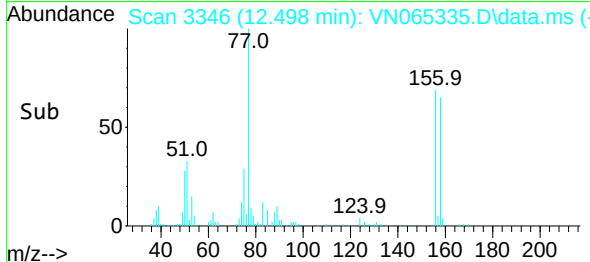
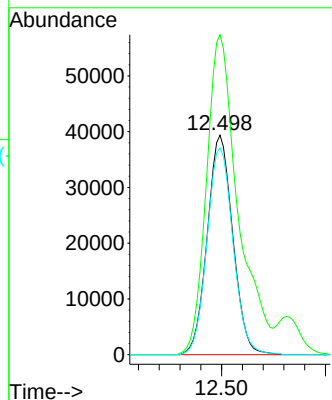
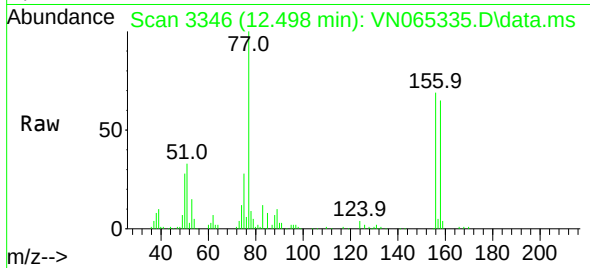
#73
Bromobenzene
Concen: 17.89 ug/l
RT: 12.498 min Scan# 3346
Delta R.T. -0.000 min
Lab File: VN065335.D
Acq: 31 Dec 2020 9:35

Tgt Ion:156 Resp: 67040
Ion Ratio Lower Upper
156 100
77 181.2 0.0 480.2
158 96.5 0.0 194.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

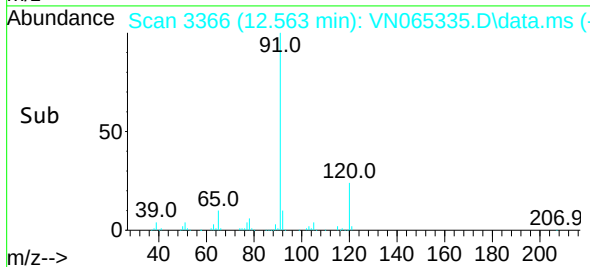
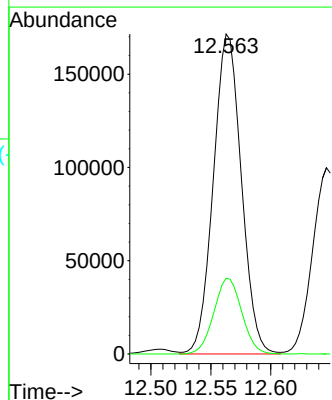
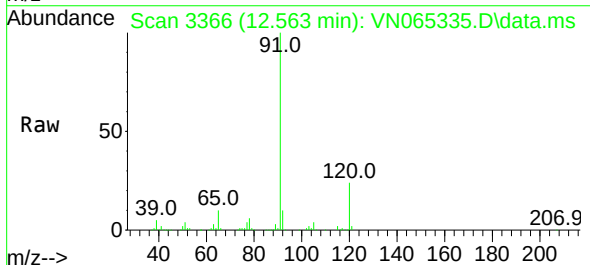
Manual Integrations
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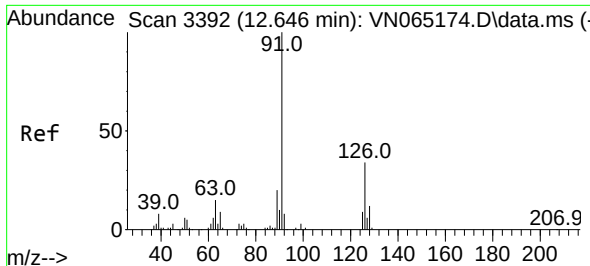
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#74
n-propylbenzene
Concen: 17.02 ug/l
RT: 12.563 min Scan# 3366
Delta R.T. -0.000 min
Lab File: VN065335.D
Acq: 31 Dec 2020 9:35

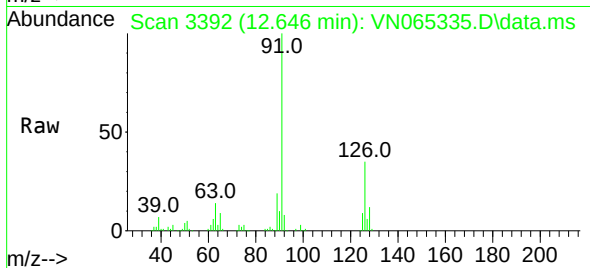
Tgt Ion: 91 Resp: 277842
Ion Ratio Lower Upper
91 100
120 23.6 0.0 42.8





#75
2-Chlorotoluene
Concen: 17.37 ug/l
RT: 12.646 min Scan# 3392
Delta R.T. -0.000 min
Lab File: VN065335.D
Acq: 31 Dec 2020 9:35

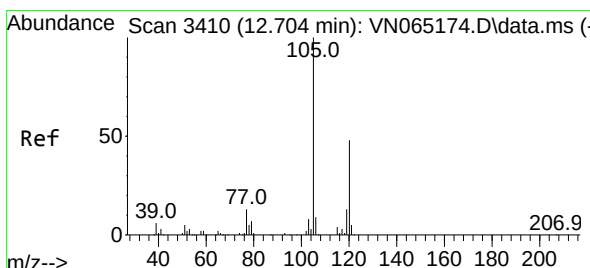
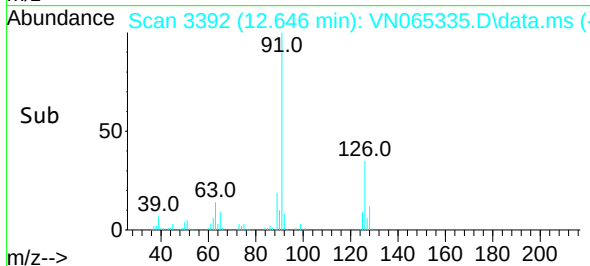
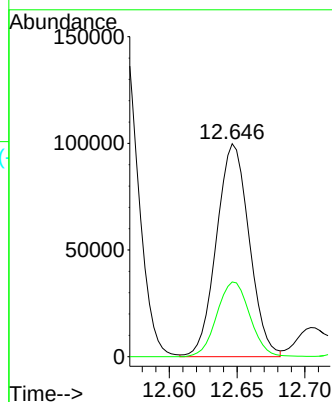
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 91 Resp: 167872
Ion Ratio Lower Upper
91 100
126 35.4 0.0 61.8

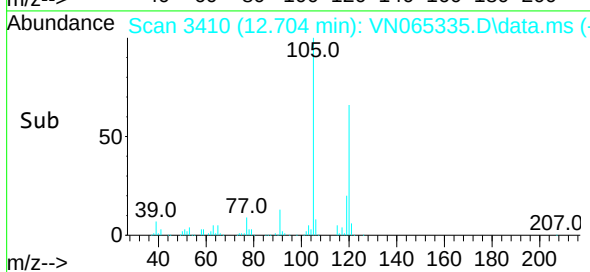
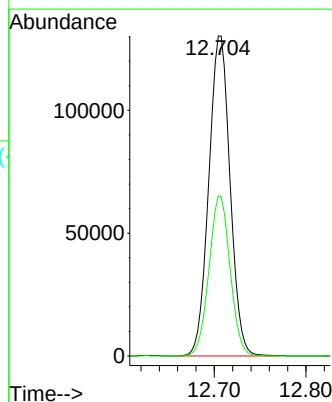
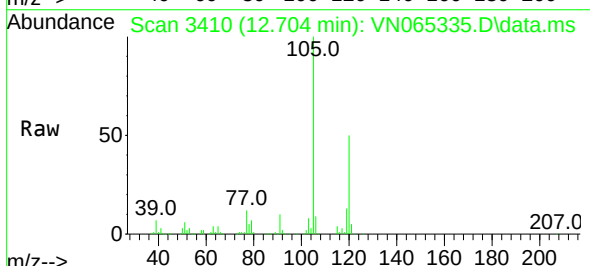
Manual Integrations
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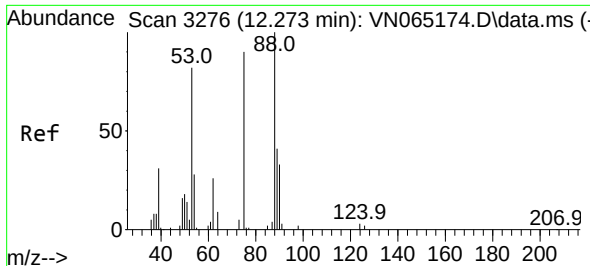
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#76
1,3,5-Trimethylbenzene
Concen: 17.16 ug/l
RT: 12.704 min Scan# 3410
Delta R.T. -0.000 min
Lab File: VN065335.D
Acq: 31 Dec 2020 9:35

Tgt Ion: 105 Resp: 210451
Ion Ratio Lower Upper
105 100
120 49.5 0.0 90.4





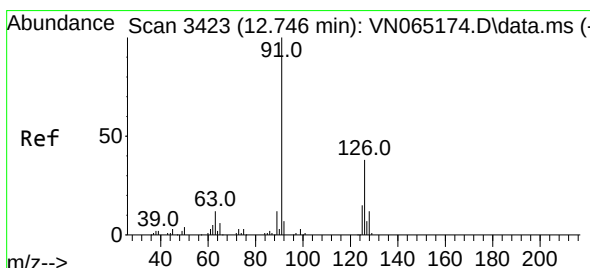
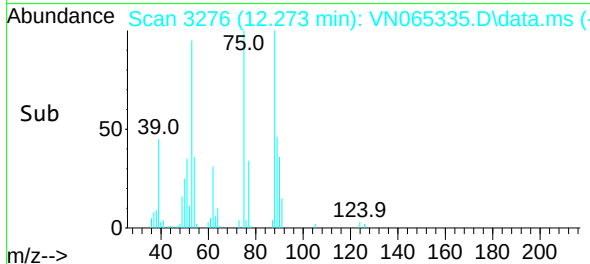
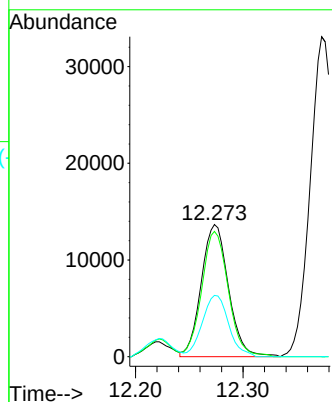
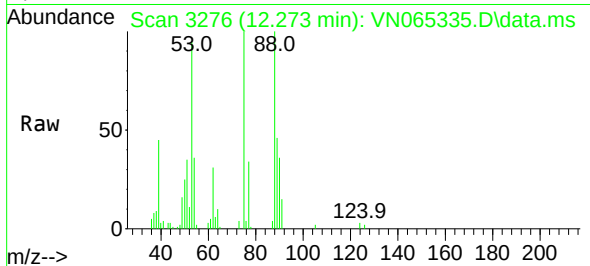
#77
t-1,4-Dichloro-2-butene
Concen: 15.47 ug/l
RT: 12.273 min Scan# 3276
Delta R.T. -0.000 min
Lab File: VN065335.D
Acq: 31 Dec 2020 9:35

Tgt Ion:	75	Resp:	24092
Ion Ratio	Lower	Upper	
75	100		
53	94.8	50.3	150.9
89	46.4	23.3	69.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

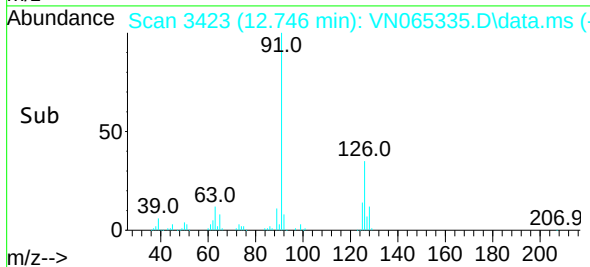
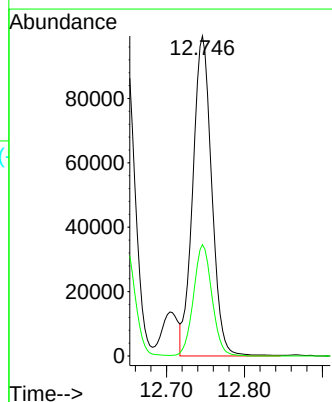
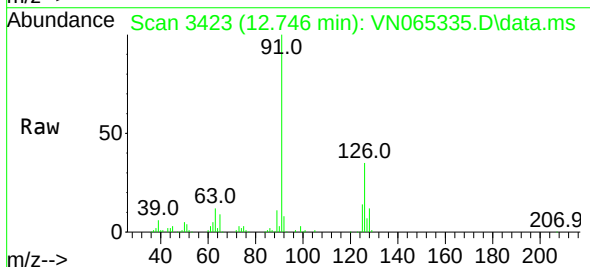
Manual Integrations
APPROVED

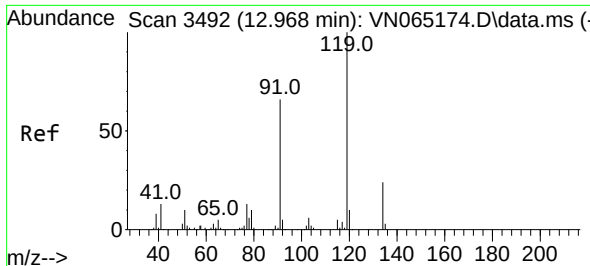
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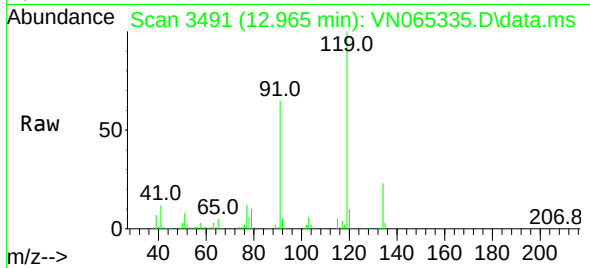
#78
4-Chlorotoluene
Concen: 17.05 ug/l
RT: 12.746 min Scan# 3423
Delta R.T. -0.000 min
Lab File: VN065335.D
Acq: 31 Dec 2020 9:35

Tgt Ion:	91	Resp:	166974
Ion Ratio	Lower	Upper	
91	100		
126	34.2	0.0	61.8

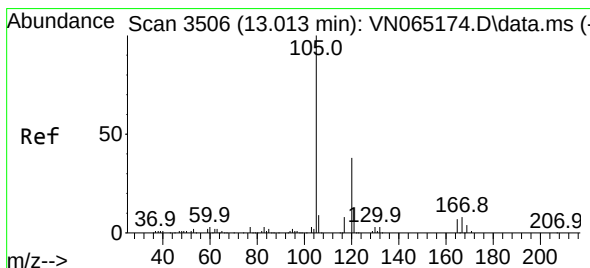
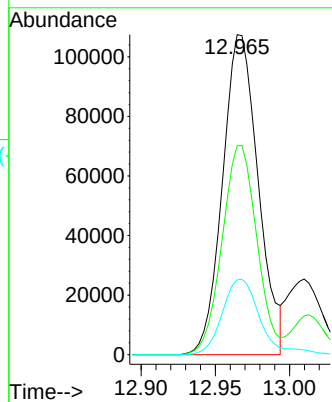
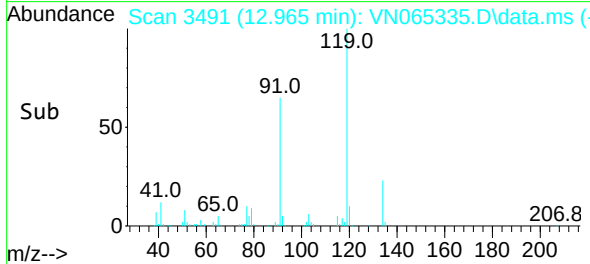




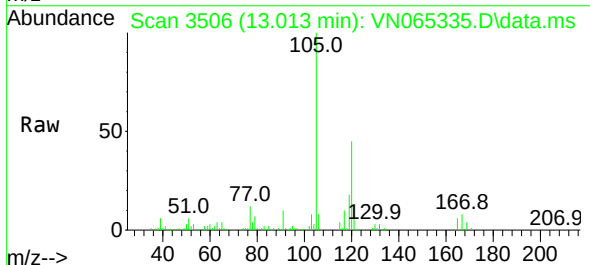
#79
tert-butylbenzene
Concen: 17.17 ug/l
RT: 12.965 min Scan# 3491
Delta R.T. -0.003 min
Lab File: VN065335.D
Acq: 31 Dec 2020 9:35



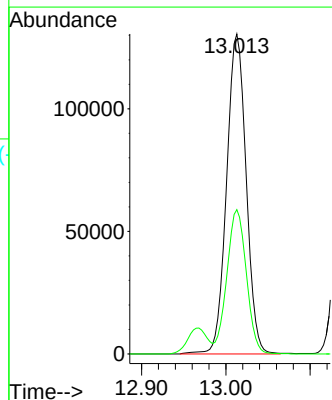
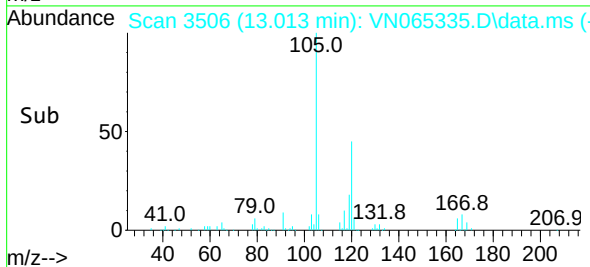
Tgt Ion:119 Resp: 179657
Ion Ratio Lower Upper
119 100
91 63.8 0.0 147.8
134 24.9 0.0 50.6



#80
1,2,4-Trimethylbenzene
Concen: 17.33 ug/l
RT: 13.013 min Scan# 3506
Delta R.T. -0.000 min
Lab File: VN065335.D
Acq: 31 Dec 2020 9:35



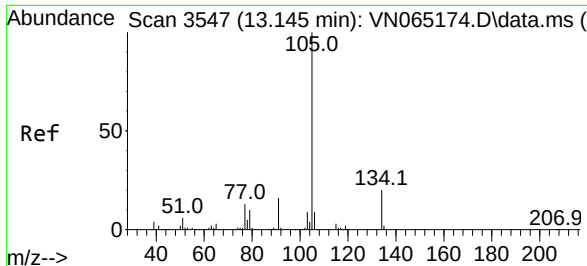
Tgt Ion:105 Resp: 210303
Ion Ratio Lower Upper
105 100
120 44.8 0.0 88.6



Instrument :
MSVOA_N
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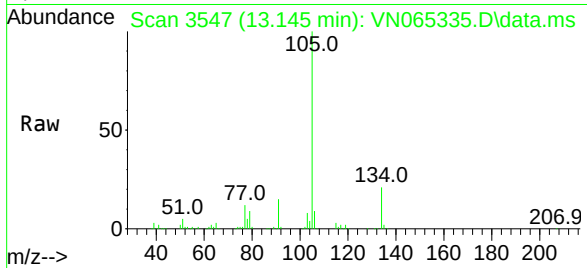
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#81
 sec-Butylbenzene
 Concen: 16.94 ug/l
 RT: 13.145 min Scan# 3547
 Delta R.T. -0.000 min
 Lab File: VN065335.D
 Acq: 31 Dec 2020 9:35

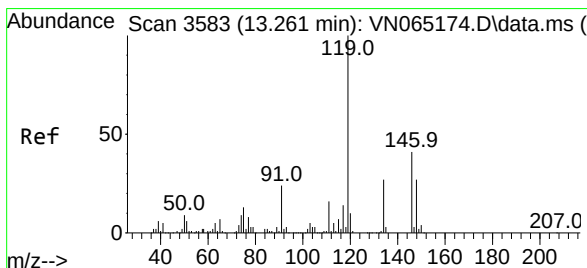
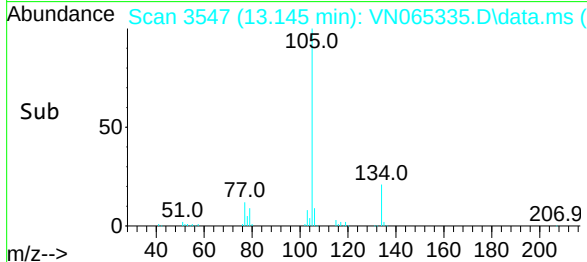
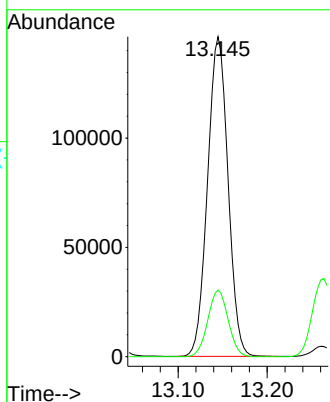
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020



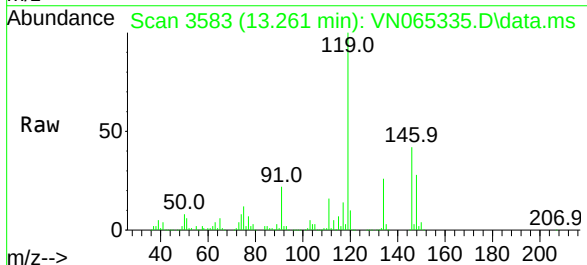
Tgt Ion:105 Resp: 232586
 Ion Ratio Lower Upper
 105 100
 134 20.7 0.0 37.8

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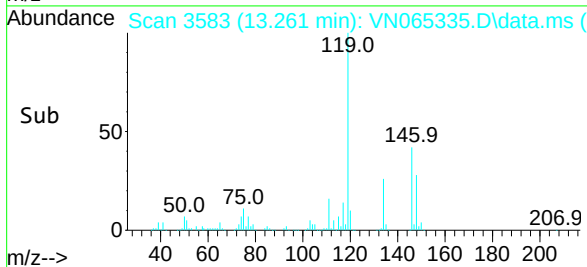
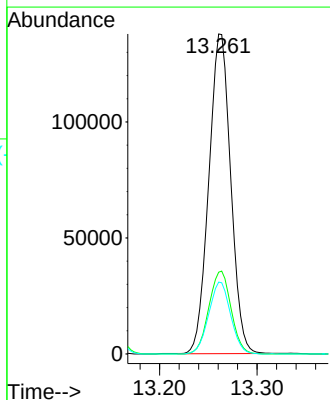
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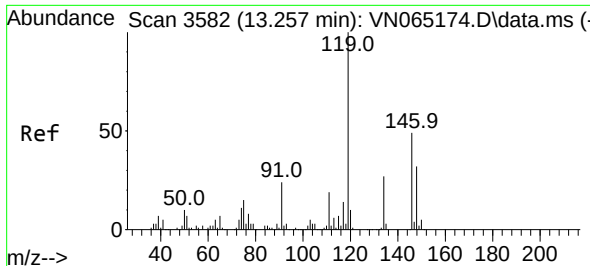


#82
 p-Isopropyltoluene
 Concen: 16.98 ug/l
 RT: 13.261 min Scan# 3583
 Delta R.T. -0.000 min
 Lab File: VN065335.D
 Acq: 31 Dec 2020 9:35



Tgt Ion:119 Resp: 215260
 Ion Ratio Lower Upper
 119 100
 134 26.2 0.0 53.0
 91 22.5 0.0 53.2





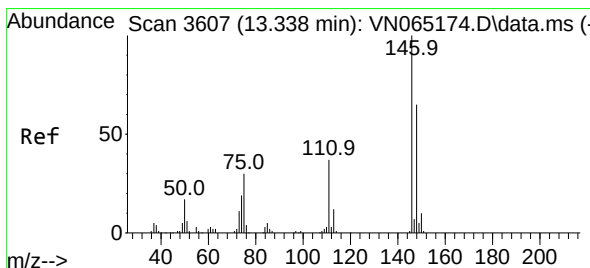
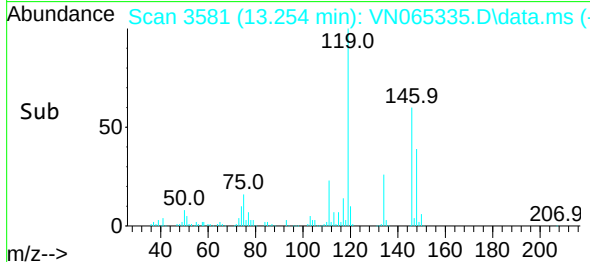
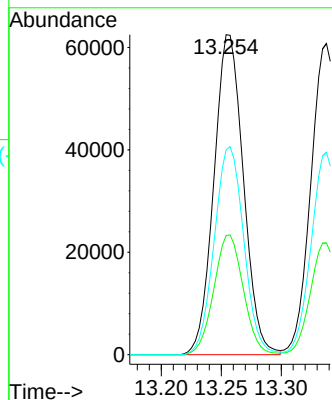
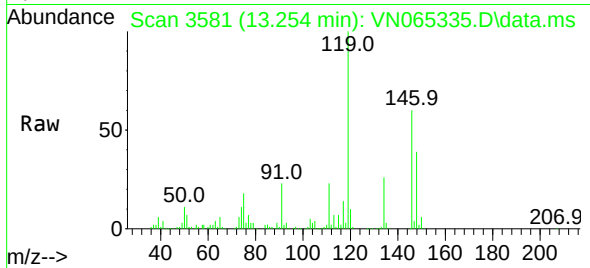
#83
1,3-Dichlorobenzene
Concen: 17.22 ug/l
RT: 13.254 min Scan# 3581
Delta R.T. -0.003 min
Lab File: VN065335.D
Acq: 31 Dec 2020 9:35

Tgt Ion:146 Resp: 106914
Ion Ratio Lower Upper
146 100
111 37.4 22.3 66.9
148 65.1 31.8 95.3

Instrument :
MSVOA_N
ClientSampleId :
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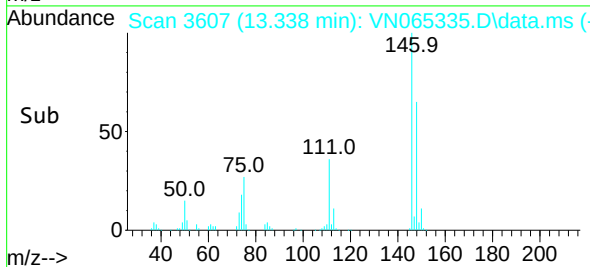
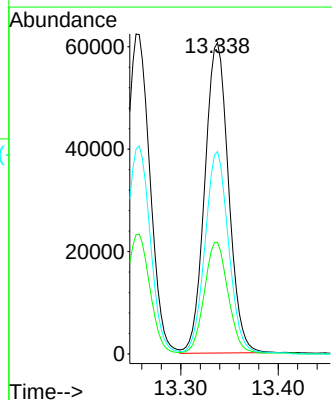
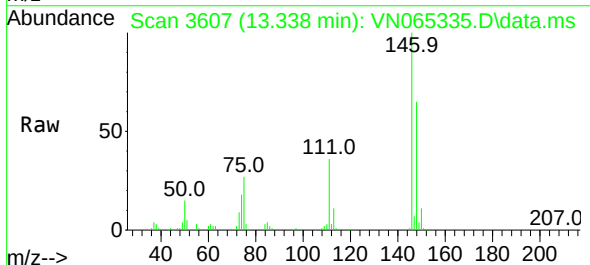
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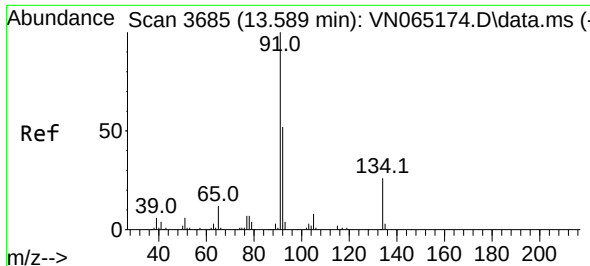
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#84
1,4-Dichlorobenzene
Concen: 16.62 ug/l
RT: 13.338 min Scan# 3607
Delta R.T. -0.000 min
Lab File: VN065335.D
Acq: 31 Dec 2020 9:35

Tgt Ion:146 Resp: 102839
Ion Ratio Lower Upper
146 100
111 35.6 21.8 65.4
148 64.3 31.5 94.5





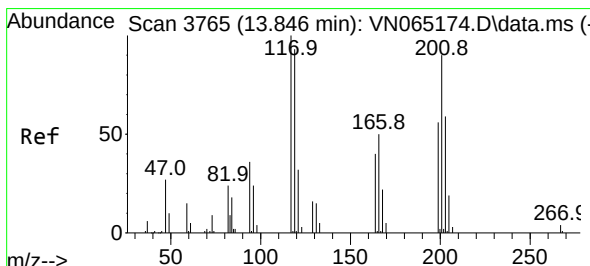
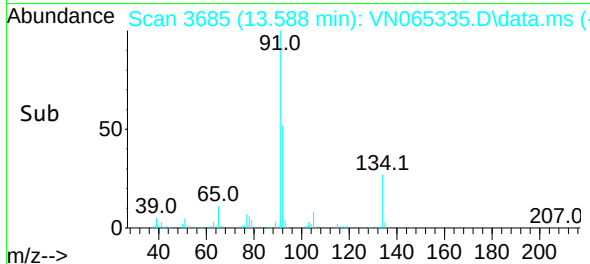
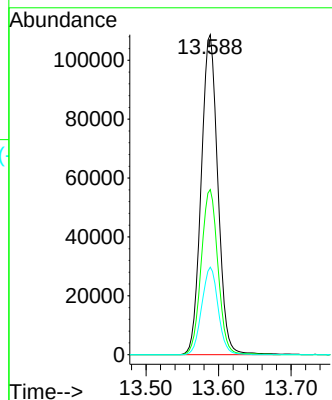
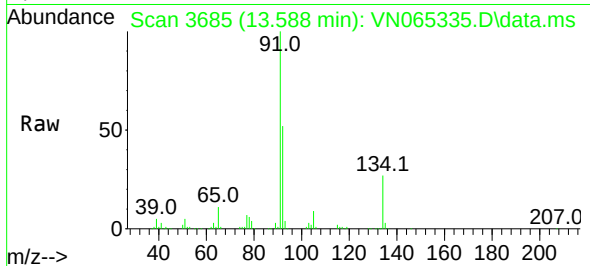
#85
n-Butylbenzene
Concen: 15.99 ug/l
RT: 13.588 min Scan# 3685
Delta R.T. -0.000 min
Lab File: VN065335.D
Acq: 31 Dec 2020 9:35

Tgt Ion:	91	Resp:	173597
Ion Ratio	Lower	Upper	
91	100		
92	51.9	0.0	101.4
134	26.8	0.0	45.2

Instrument :
MSVOA_N
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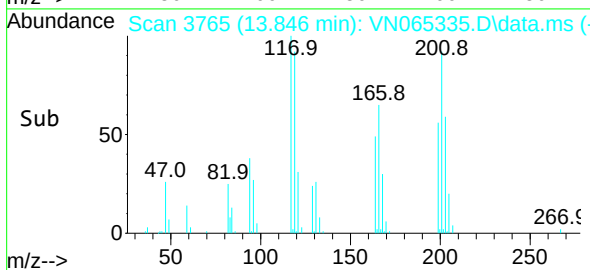
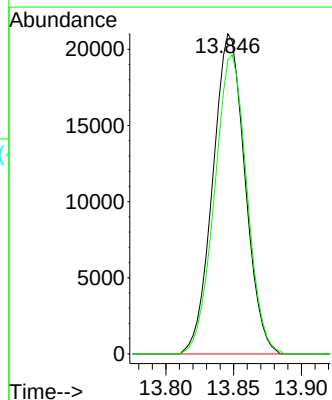
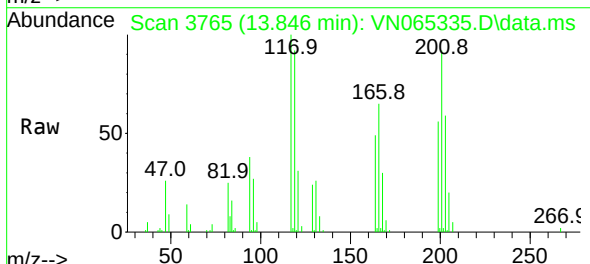
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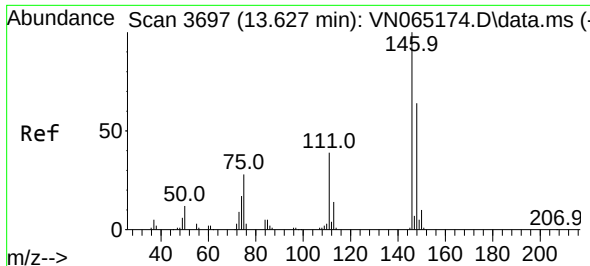
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#86
Hexachloroethane
Concen: 15.09 ug/l
RT: 13.846 min Scan# 3765
Delta R.T. -0.000 min
Lab File: VN065335.D
Acq: 31 Dec 2020 9:35

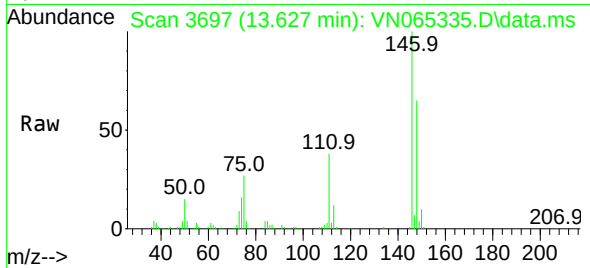
Tgt Ion:	117	Resp:	34730
Ion Ratio	Lower	Upper	
117	100		
201	93.8	33.1	99.3





#87
1,2-Dichlorobenzene
Concen: 17.88 ug/l
RT: 13.627 min Scan# 3697
Delta R.T. -0.000 min
Lab File: VN065335.D
Acq: 31 Dec 2020 9:35

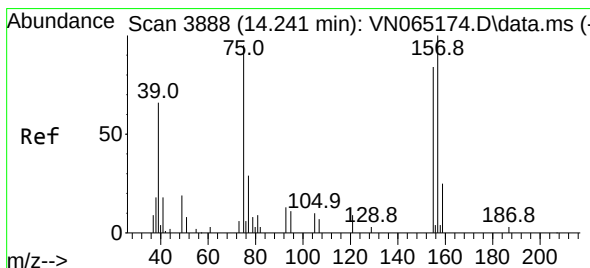
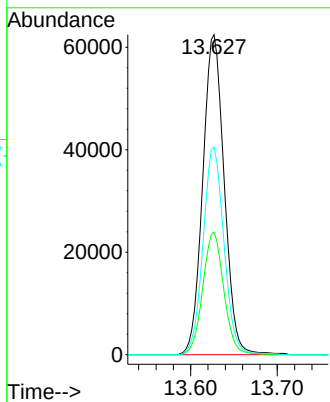
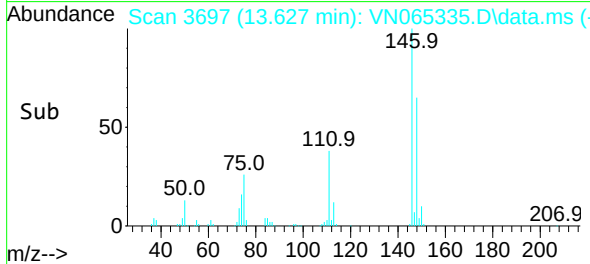
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



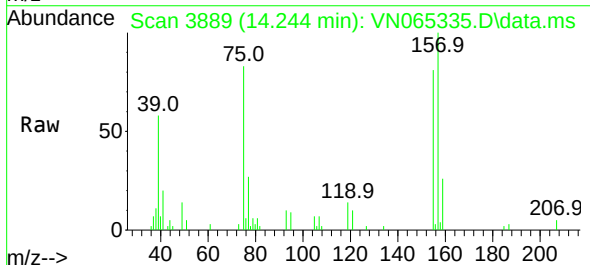
Tgt Ion:146 Resp: 107623
Ion Ratio Lower Upper
146 100
111 37.5 23.1 69.2
148 63.2 32.6 97.8

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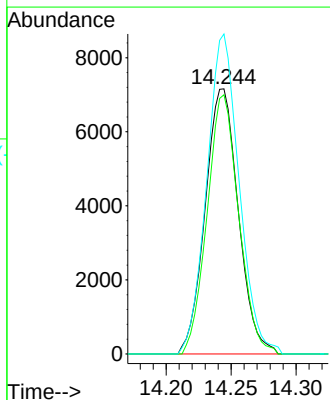
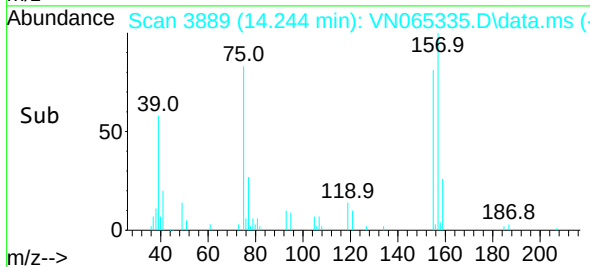
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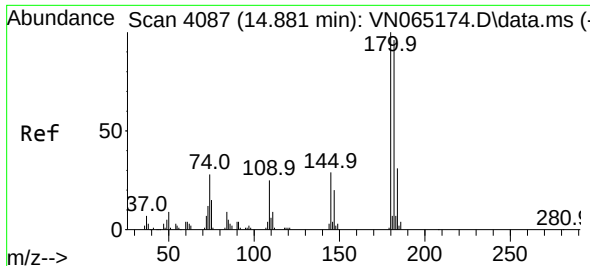


#88
1,2-Dibromo-3-Chloropropane
Concen: 15.59 ug/l
RT: 14.244 min Scan# 3889
Delta R.T. 0.003 min
Lab File: VN065335.D
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Tgt Ion: 75 Resp: 12696
Ion Ratio Lower Upper
75 100
155 92.9 56.5 84.7#
157 117.8 69.7 104.5#





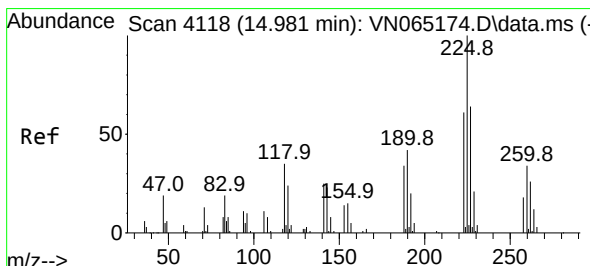
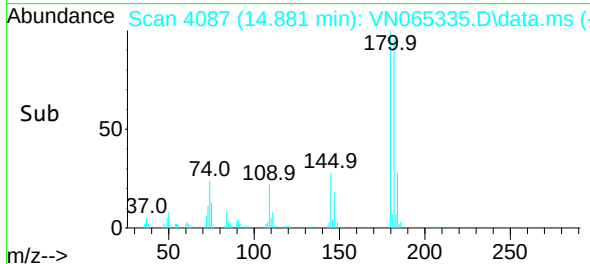
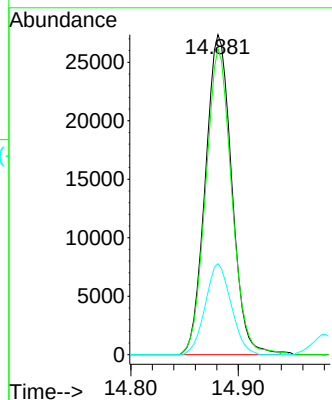
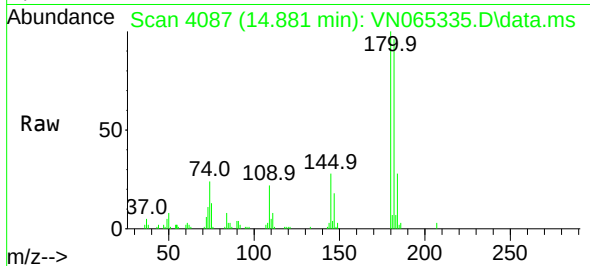
#89
1,2,4-Trichlorobenzene
Concen: 14.43 ug/l
RT: 14.881 min Scan# 4087
Delta R.T. -0.000 min
Lab File: VN065335.D
Acq: 31 Dec 2020 9:35

Tgt Ion:	180	Resp:	46579
Ion Ratio	Lower	Upper	
180	100		
182	94.6	79.4	119.0
145	27.9	27.6	41.4

Instrument :
MSVOA_N
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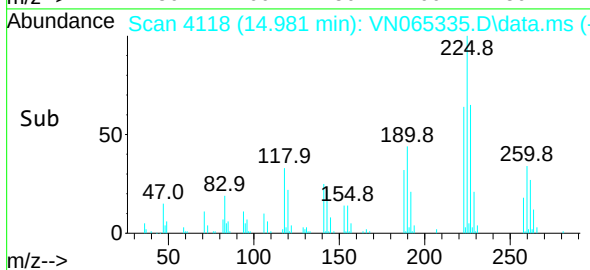
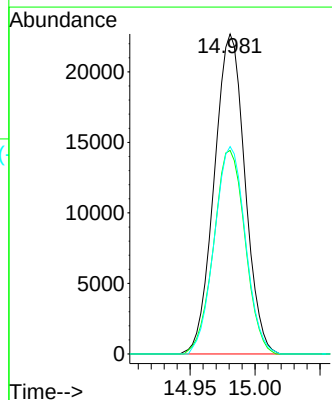
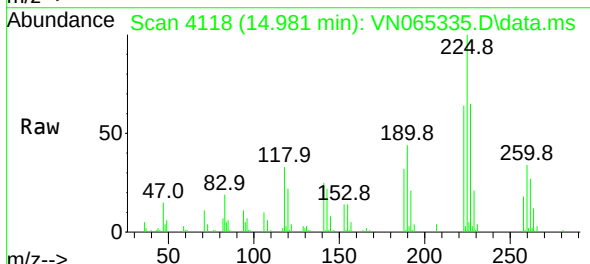
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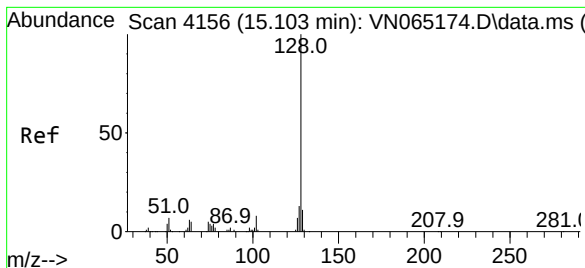
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#90
Hexachlorobutadiene
Concen: 17.42 ug/l
RT: 14.981 min Scan# 4118
Delta R.T. -0.000 min
Lab File: VN065335.D
Acq: 31 Dec 2020 9:35

Tgt Ion:	225	Resp:	37254
Ion Ratio	Lower	Upper	
225	100		
223	65.0	0.0	125.4
227	65.7	0.0	122.0





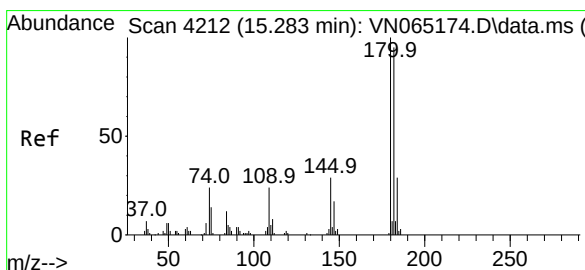
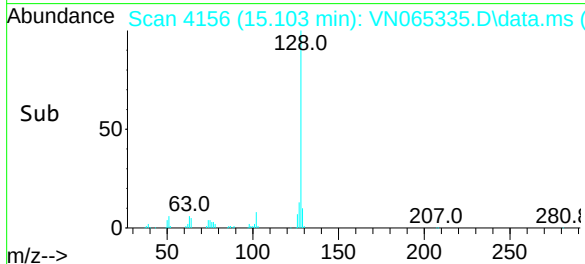
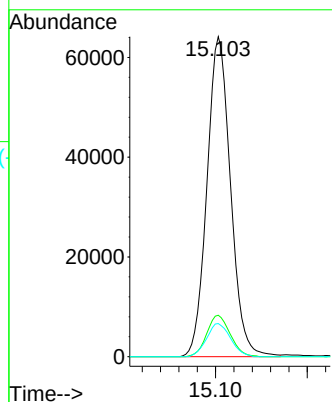
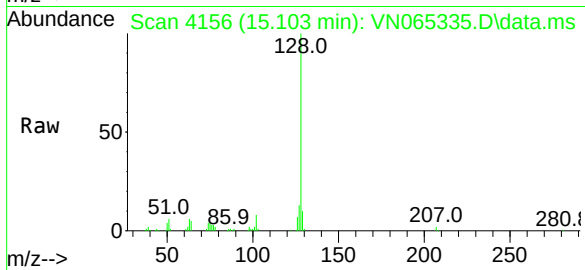
#91
Naphthalene
Concen: 13.29 ug/l
RT: 15.103 min Scan# 4156
Delta R.T. -0.000 min
Lab File: VN065335.D
Acq: 31 Dec 2020 9:35

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	10.5	8.5	12.7

Instrument :
MSVOA_N
ClientSampleId :
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#92
1,2,3-Trichlorobenzene
Concen: 15.01 ug/l
RT: 15.283 min Scan# 4212
Delta R.T. -0.000 min
Lab File: VN065335.D
Acq: 31 Dec 2020 9:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	0.0	186.0
145	29.4	0.0	69.6

