

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010421\
 Data File : VN065375.D
 Acq On : 4 Jan 2021 14:03
 Operator : JC/MD
 Sample : L5252-03MSD
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3D-123020MSD

Manual Integrations
 APPROVED

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 1/5/2021 1:37:19 PM

Quant Time: Jan 05 00:58:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220w.M
 Quant Title : Sw846 8260
 QLast Update : Tue Dec 22 15:42:18 2020
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.627	168	313069	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	467455	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.379	117	439398	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	213950	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	164686	46.60	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.20%
35) Dibromofluoromethane	7.553	113	144254	51.15	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.30%
50) Toluene-d8	10.058	98	541128	51.19	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.38%
62) 4-Bromofluorobenzene	12.376	95	199471	47.95	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.90%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.846	85	134411	46.40	ug/l	99
3) Chloromethane	2.055	50	170033	51.57	ug/l	98
4) Vinyl Chloride	2.180	62	180800	52.71	ug/l	98
5) Bromomethane	2.531	94	124976	51.26	ug/l	99
6) Chloroethane	2.682	64	116172	52.40	ug/l	99
7) Trichlorofluoromethane	2.997	101	236863	46.16	ug/l	100
8) Diethyl Ether	3.389	74	96285	47.66	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.724	101	137159	47.66	ug/l	98
10) Methyl Iodide	3.914	142	212188	48.80	ug/l	94
11) Tert butyl alcohol	4.778	59	132577	229.25	ug/l	99
12) 1,1-Dichloroethene	3.701	96	142958	46.49	ug/l	99
13) Acrolein	3.579	56	104071	265.93	ug/l	99
14) Allyl chloride	4.280	41	227733	44.93	ug/l	98
15) Acrylonitrile	4.949	53	360541	257.99	ug/l	100
16) Acetone	3.791	43	295433	196.91	ug/l	96
17) Carbon Disulfide	4.010	76	354222	45.02	ug/l	100
18) Methyl Acetate	4.293	43	160468	50.57	ug/l	98
19) Methyl tert-butyl Ether	5.013	73	457506	46.85	ug/l	99
20) Methylene Chloride	4.512	84	159073	46.13	ug/l	100
21) trans-1,2-Dichloroethene	4.994	96	147051	48.71	ug/l	99
22) Diisopropyl ether	5.917	45	478351	47.41	ug/l	99
23) Vinyl Acetate	5.856	43	1964510	231.01	ug/l	99
24) 1,1-Dichloroethane	5.804	63	273177	49.36	ug/l	99
25) 2-Butanone	6.801	43	462611	233.15	ug/l	96
26) 2,2-Dichloropropane	6.782	77	230055	43.51	ug/l	97
27) cis-1,2-Dichloroethene	6.785	96	221666	63.09	ug/l	95
28) Bromochloromethane	7.155	49	113613	45.19	ug/l	97
29) Tetrahydrofuran	7.180	42	308466	240.41	ug/l	98
30) Chloroform	7.335	83	281195	49.35	ug/l	100
31) Cyclohexane	7.614	56	230347	44.14	ug/l	98
32) 1,1,1-Trichloroethane	7.531	97	241033	46.69	ug/l	99
36) 1,1-Dichloropropene	7.753	75	204366	48.08	ug/l	98
37) Ethyl Acetate	6.894	43	196853	46.73	ug/l	98
38) Carbon Tetrachloride	7.737	117	208302	46.66	ug/l	99
39) Methylcyclohexane	9.048	83	242085	47.40	ug/l	100
40) Benzene	8.003	78	640028	50.62	ug/l	98
41) Methacrylonitrile	7.132	41	91047	41.53	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.087	62	215827	46.19	ug/l	99
43) Isopropyl Acetate	8.132	43	330086	45.46	ug/l	100
44) Trichloroethene	8.801	130	207210	56.77	ug/l	96
45) 1,2-Dichloropropane	9.087	63	169029	51.42	ug/l	99
46) Dibromomethane	9.177	93	112380	50.34	ug/l	92
47) Bromodichloromethane	9.370	83	225853	47.98	ug/l	98
48) Methyl methacrylate	9.167	41	164089	46.55	ug/l	99
49) 1,4-Dioxane	9.171	88	61013	1068.05	ug/l	99
51) 4-Methyl-2-Pentanone	9.955	43	999259	244.77	ug/l	100
52) Toluene	10.125	92	409327	51.36	ug/l	99
53) t-1,3-Dichloropropene	10.351	75	254039	47.89	ug/l	99
54) cis-1,3-Dichloropropene	9.807	75	271905	48.24	ug/l	99
55) 1,1,2-Trichloroethane	10.534	97	162864	51.65	ug/l	97
56) Ethyl methacrylate	10.402	69	242117	49.57	ug/l	99
57) 1,3-Dichloropropane	10.679	76	270019	51.90	ug/l	99
59) 2-Hexanone	10.724	43	733938	244.55	ug/l	99
60) Dibromochloromethane	10.875	129	187126	49.79	ug/l	99
61) 1,2-Dibromoethane	10.978	107	173601	51.28	ug/l	100
64) Tetrachloroethene	10.601	164	230084	53.92	ug/l	95
65) Chlorobenzene	11.405	112	452039	50.54	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.479	131	172413	49.54	ug/l	99
67) Ethyl Benzene	11.482	91	789571	48.99	ug/l	100
68) m/p-Xylenes	11.595	106	605817	99.78	ug/l	99
69) o-Xylene	11.920	106	293781	49.84	ug/l	100
70) Styrene	11.936	104	498610	50.70	ug/l	99
71) Bromoform	12.100	173	146202	48.80	ug/l #	100
73) Isopropylbenzene	12.222	105	778842	47.80	ug/l	99
74) N-ethyl acetate	12.045	43	294327	45.36	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.479	83	225354	51.29	ug/l	98
76) 1,2,3-Trichloropropane	12.527	75	218189m	49.99	ug/l	
77) Bromobenzene	12.498	156	213597	50.16	ug/l	91
78) n-propylbenzene	12.563	91	871768	47.39	ug/l	98
79) 2-Chlorotoluene	12.646	91	524094	48.38	ug/l	98
80) 1,3,5-Trimethylbenzene	12.707	105	665344	47.88	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.273	75	80154	46.30	ug/l	93
82) 4-Chlorotoluene	12.746	91	535789	48.03	ug/l	97
83) tert-Butylbenzene	12.968	119	573841	48.47	ug/l	99
84) 1,2,4-Trimethylbenzene	13.013	105	659696	48.76	ug/l	99
85) sec-Butylbenzene	13.145	105	748887	47.68	ug/l	99
86) p-Isopropyltoluene	13.264	119	691599	48.03	ug/l	98
87) 1,3-Dichlorobenzene	13.257	146	361441	50.75	ug/l	97
88) 1,4-Dichlorobenzene	13.338	146	356954	49.93	ug/l	97
89) n-Butylbenzene	13.588	91	570527	46.36	ug/l	99
90) Hexachloroethane	13.846	117	121117	48.93	ug/l	81
91) 1,2-Dichlorobenzene	13.627	146	355764	52.01	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.241	75	44460	49.12	ug/l	89
93) 1,2,4-Trichlorobenzene	14.881	180	199317	47.22	ug/l	99
94) Hexachlorobutadiene	14.981	225	121678	45.07	ug/l	99
95) Naphthalene	15.103	128	505146	45.86	ug/l	100
96) 1,2,3-Trichlorobenzene	15.283	180	187487	47.88	ug/l	99

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

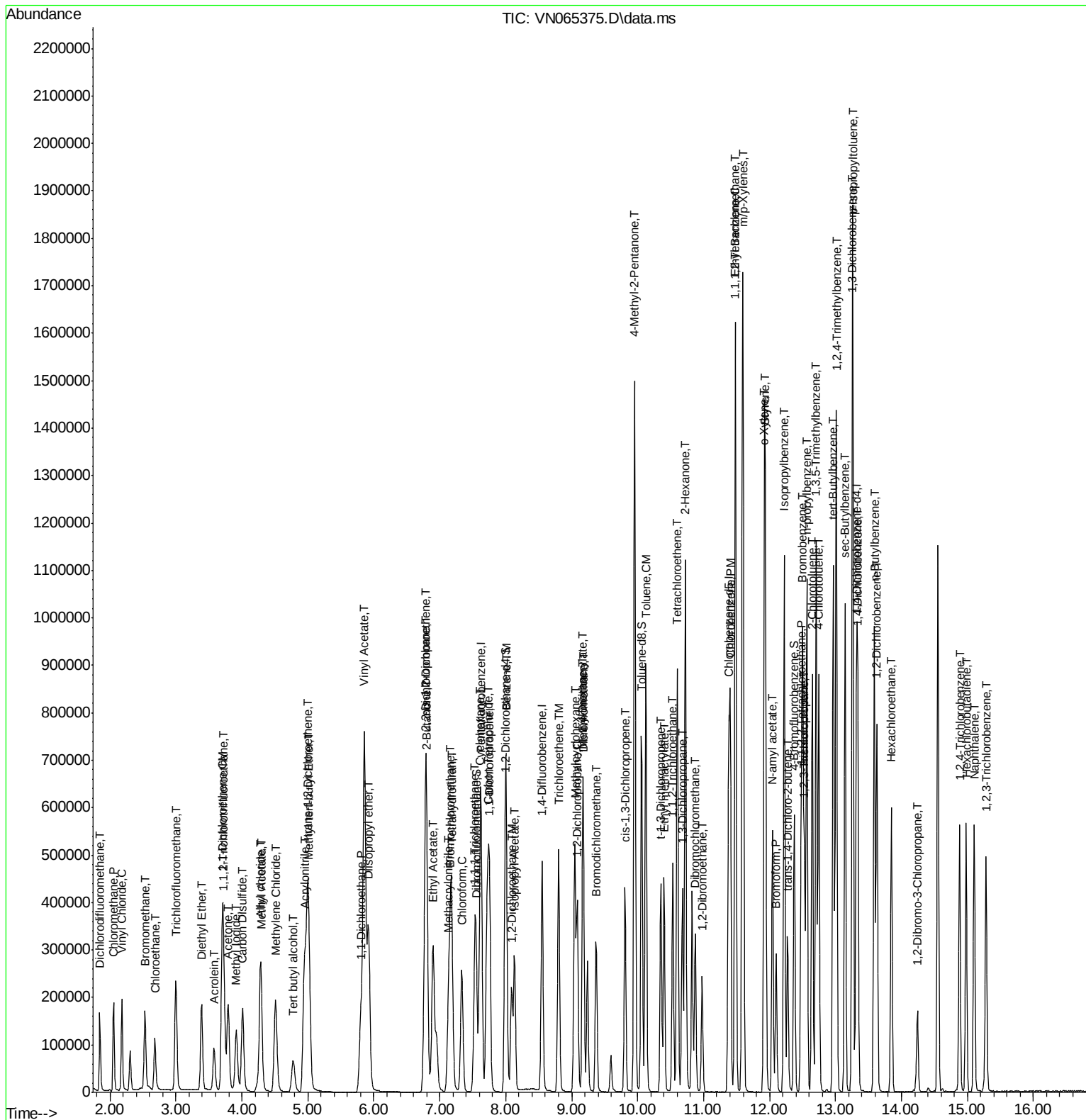
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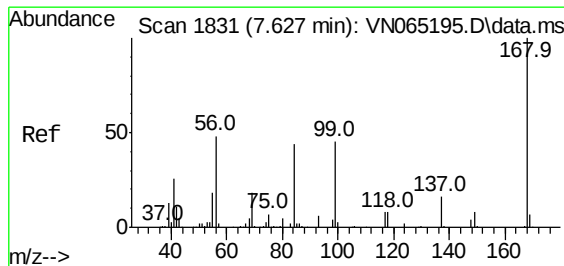
Instrument :
MSVOA_N
ClientSampleId :
MW-3D-123020MSD

Manual Integrations
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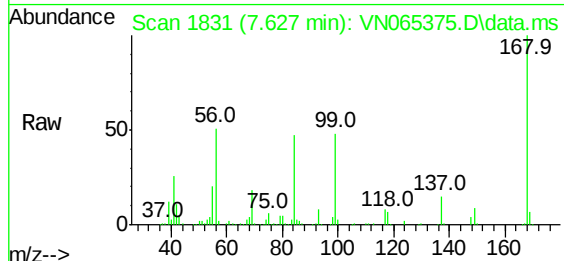
Quant Time: Jan 05 00:58:03 2021
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QLast Update : Tue Dec 22 15:42:18 2020
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#12 (-)
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065375.D
Acq: 4 Jan 2021 14:03

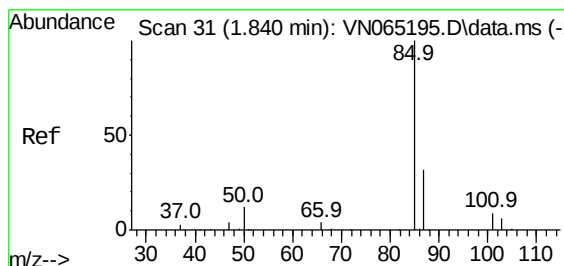
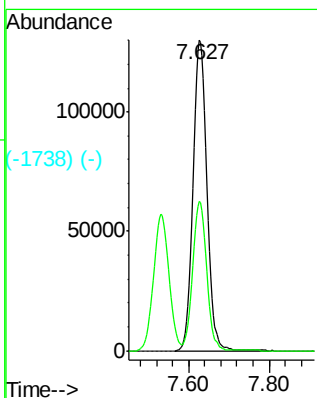
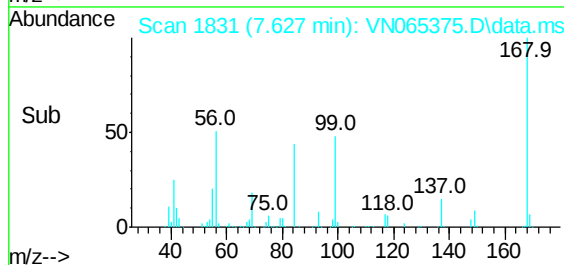
Instrument :
MSVOA_N
ClientSampleId :
MW-3D-123020MSD



Tgt Ion:168 Resp: 313069
Ion Ratio Lower Upper
168 100
99 48.0 43.0 64.4

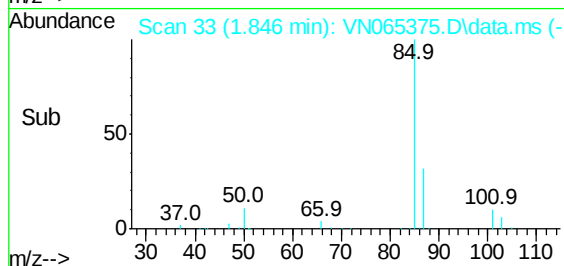
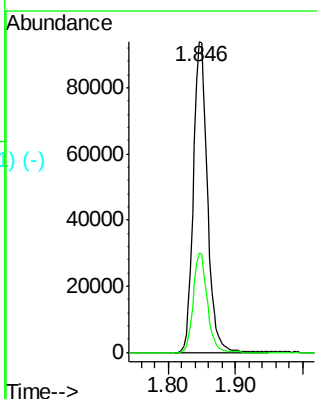
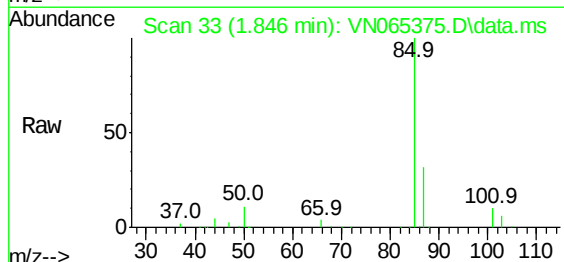
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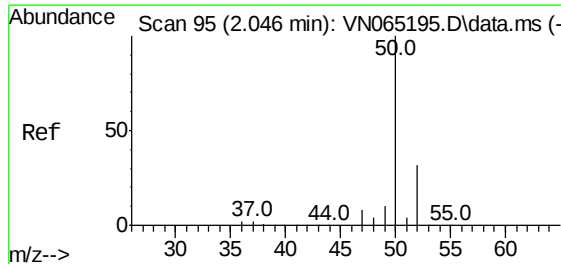
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#2 (-)
Dichlorodifluoromethane
Concen: 46.40 ug/l
RT: 1.846 min Scan# 33
Delta R.T. 0.006 min
Lab File: VN065375.D
Acq: 4 Jan 2021 14:03

Tgt Ion: 85 Resp: 134411
Ion Ratio Lower Upper
85 100
87 32.1 16.4 49.4





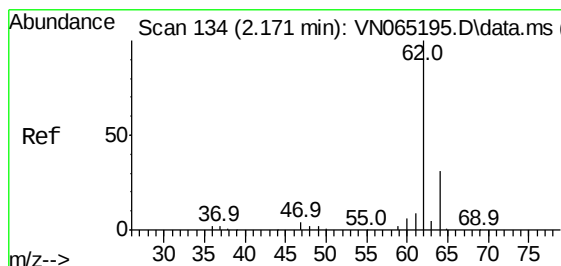
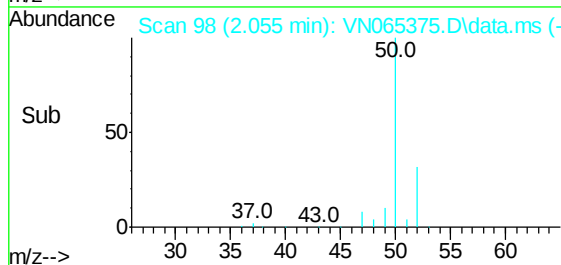
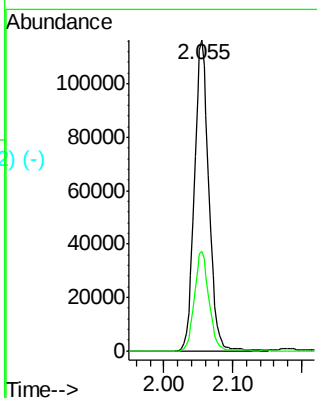
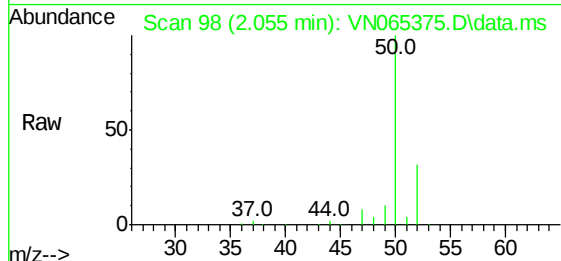
Chloromethane
 Concen: 51.57 ug/l
 RT: 2.055 min Scan# 98
 Delta R.T. 0.009 min
 Lab File: VN065375.D
 Acq: 4 Jan 2021 14:03

Tgt Ion: 50 Resp: 170033
 Ion Ratio Lower Upper
 50 100
 52 32.2 26.6 39.8

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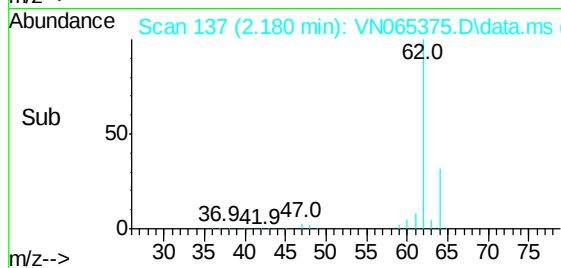
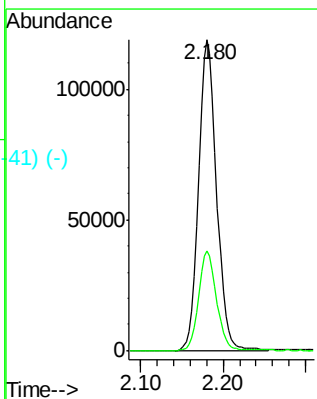
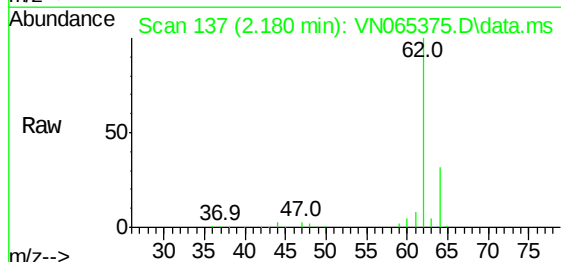
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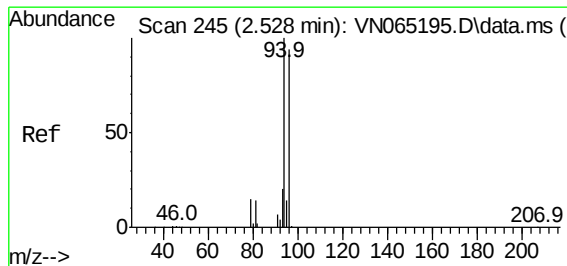
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Vinyl Chloride
 Concen: 52.71 ug/l
 RT: 2.180 min Scan# 137
 Delta R.T. 0.009 min
 Lab File: VN065375.D
 Acq: 4 Jan 2021 14:03

Tgt Ion: 62 Resp: 180800
 Ion Ratio Lower Upper
 62 100
 64 32.0 26.5 39.7



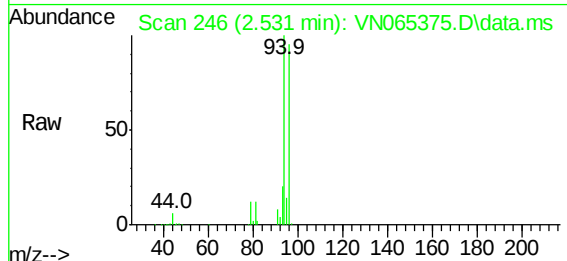


Bromomethane
Concen: 51.26 ug/l
RT: 2.531 min Scan# 246
Delta R.T. 0.003 min
Lab File: VN065375.D
Acq: 4 Jan 2021 14:03

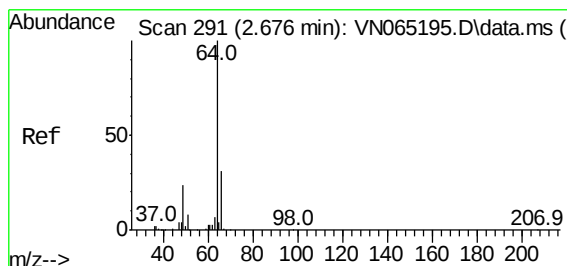
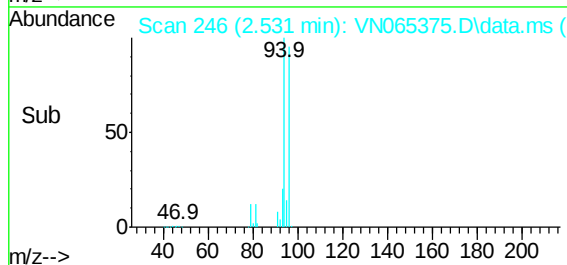
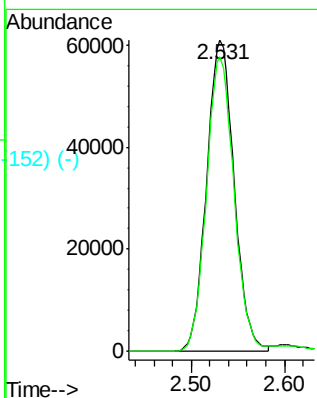
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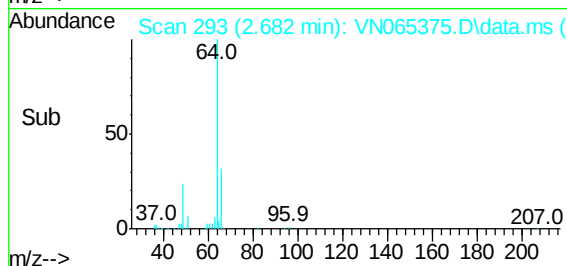
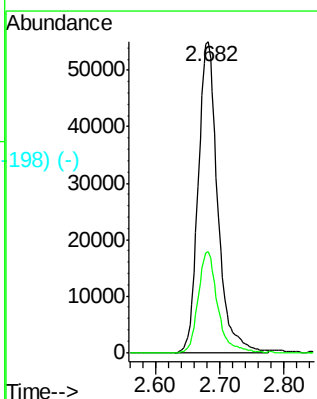
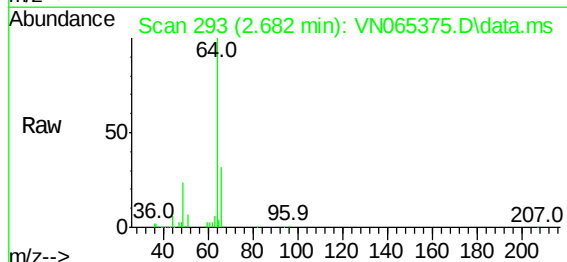


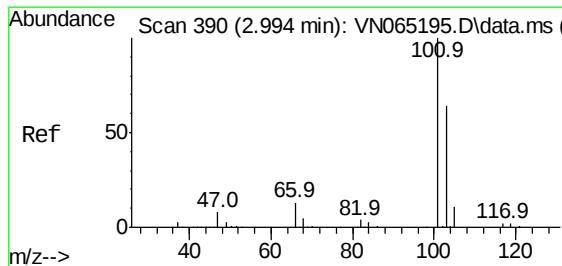
Tgt Ion: 94 Resp: 124976
Ion Ratio Lower Upper
94 100
96 94.7 75.4 113.0



Chloroethane
Concen: 52.40 ug/l
RT: 2.682 min Scan# 293
Delta R.T. 0.006 min
Lab File: VN065375.D
Acq: 4 Jan 2021 14:03

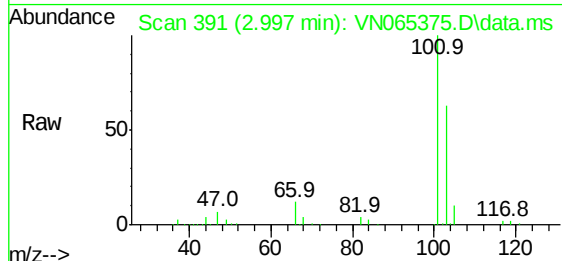
Tgt Ion: 64 Resp: 116172
Ion Ratio Lower Upper
64 100
66 32.5 25.6 38.4





Trichlorofluoromethane
 Concen: 46.16 ug/l
 RT: 2.997 min Scan# 391
 Delta R.T. 0.003 min
 Lab File: VN065375.D
 Acq: 4 Jan 2021 14:03

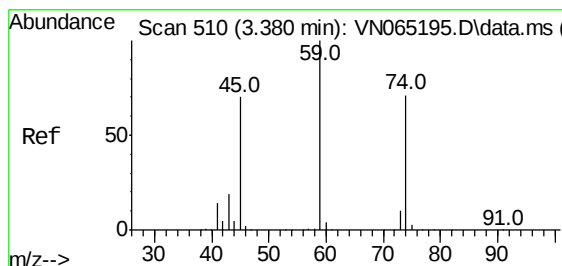
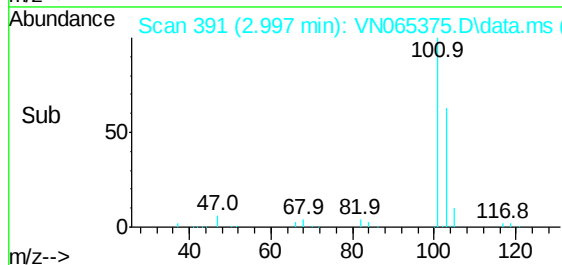
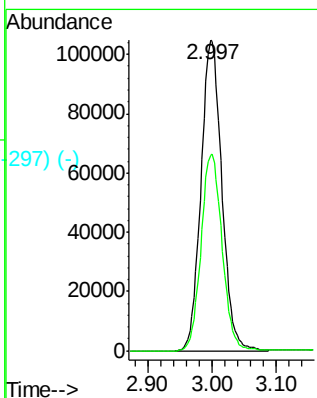
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 MW-3D-123020MSD



Tgt Ion:101 Resp: 236863
 Ion Ratio Lower Upper
 101 100
 103 63.0 50.5 75.7

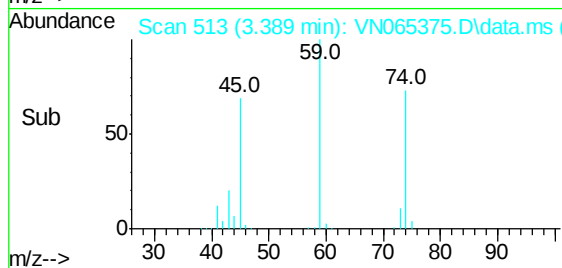
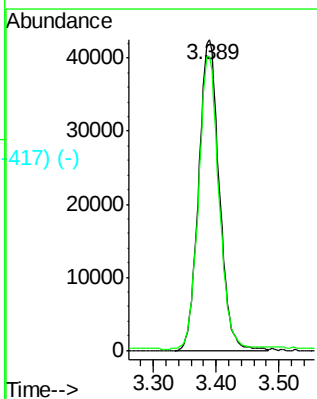
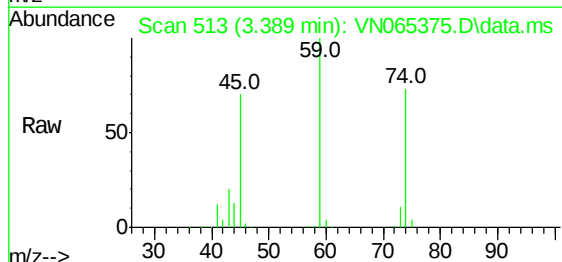
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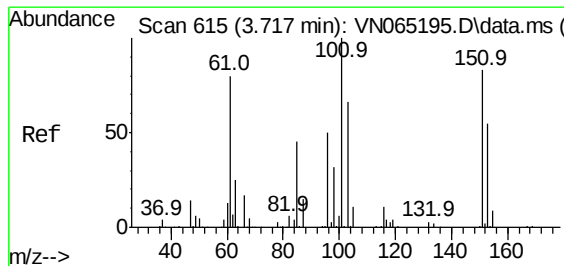
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Diethyl Ether
 Concen: 47.66 ug/l
 RT: 3.389 min Scan# 513
 Delta R.T. 0.009 min
 Lab File: VN065375.D
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Tgt Ion: 74 Resp: 96285
 Ion Ratio Lower Upper
 74 100
 45 93.8 48.9 146.8





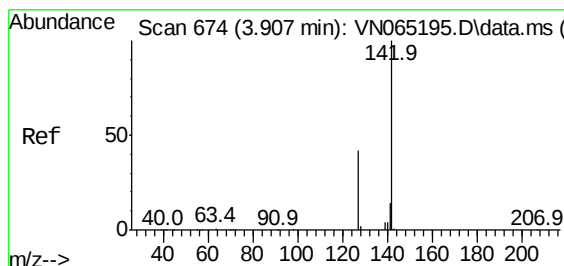
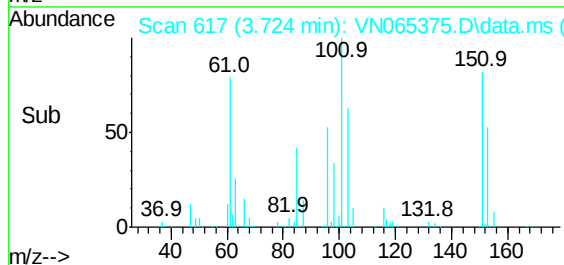
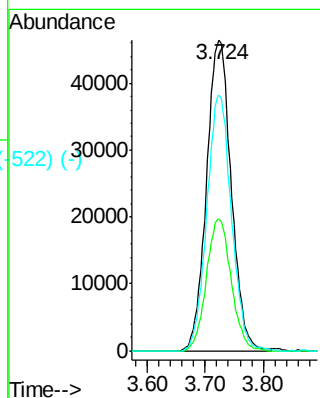
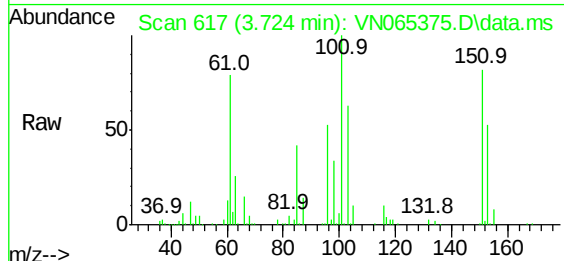
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 1,1,2-Trichlorotrifluoroethane
 Concen: 47.66 ug/l
 RT: 3.724 min Scan# 617
 Delta R.T. 0.007 min
 Lab File: VN065375.D
 Acq: 4 Jan 2021 14:03

Tgt Ion:	101	Resp:	137159
Ion	Ratio	Lower	Upper
101	100		
85	42.6	34.4	51.6
151	82.2	64.0	96.0

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3D-123020MSD

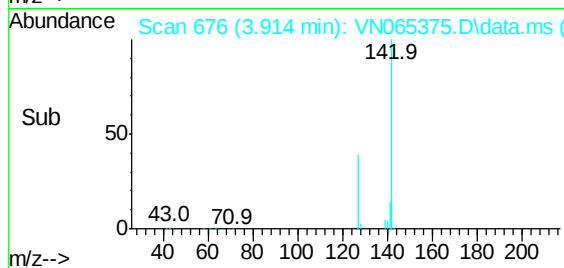
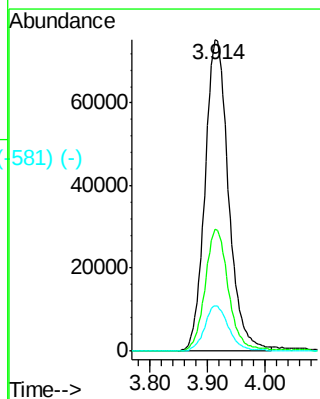
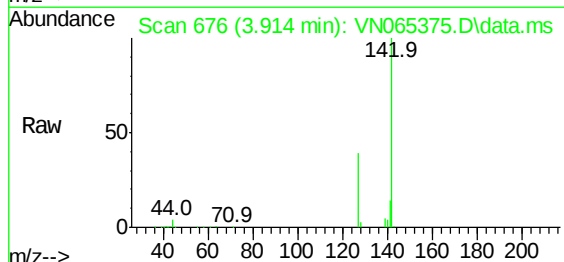
Manual Integrations
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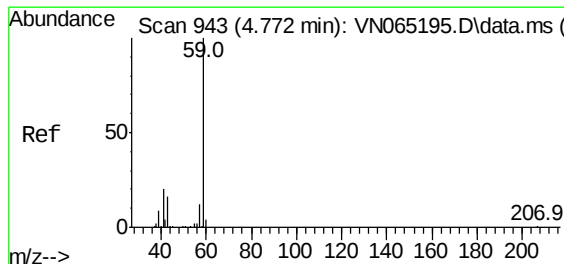
MMDadoda
 1/5/2021 1:37:19 PM



Scan 674 (3.907 min): VN065195.D\data.ms (-654) (-)
 Methyl Iodide
 Concen: 48.80 ug/l
 RT: 3.914 min Scan# 676
 Delta R.T. 0.007 min
 Lab File: VN065375.D
 Acq: 4 Jan 2021 14:03

Tgt Ion:	142	Resp:	212188
Ion	Ratio	Lower	Upper
142	100		
127	38.5	35.0	52.6
141	14.5	11.8	17.6





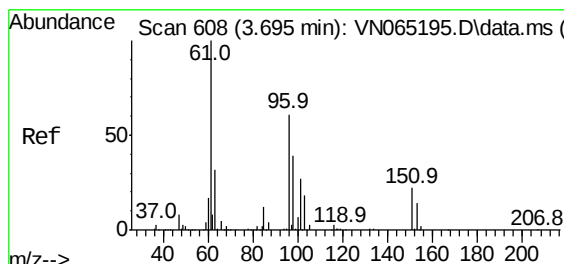
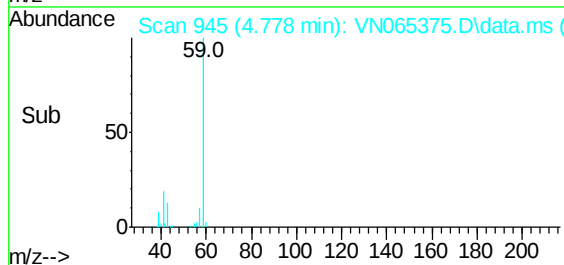
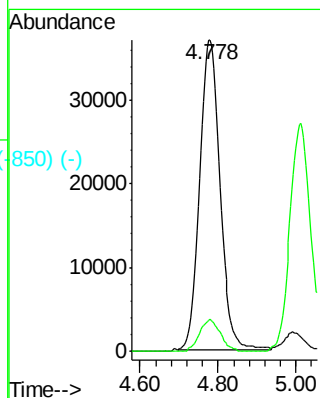
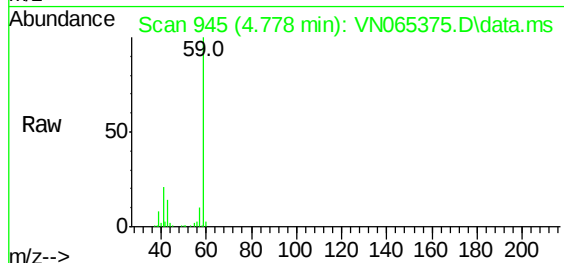
Tert butyl alcohol
 Concen: 229.25 ug/l
 RT: 4.778 min Scan# 945
 Delta R.T. 0.006 min
 Lab File: VN065375.D
 Acq: 4 Jan 2021 14:03

Tgt Ion: 59 Resp: 132577
 Ion Ratio Lower Upper
 59 100
 57 10.2 7.9 11.9

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3D-123020MSD

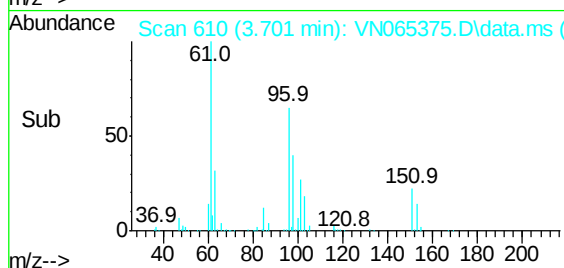
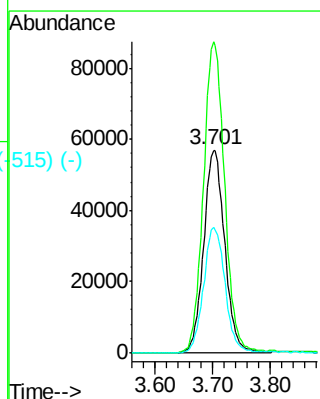
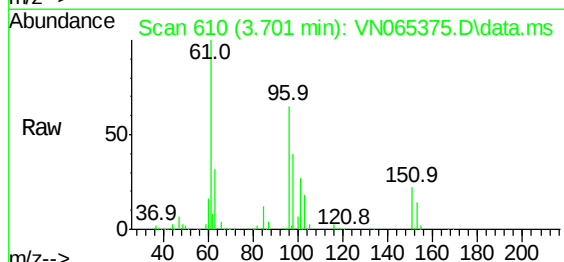
Manual Integrations
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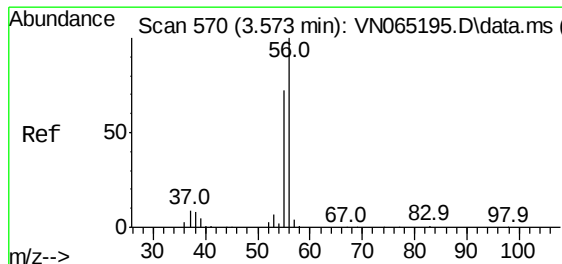
MMDadoda
 1/5/2021 1:37:19 PM



1,1-Dichloroethene
 Concen: 46.49 ug/l
 RT: 3.701 min Scan# 610
 Delta R.T. 0.006 min
 Lab File: VN065375.D
 Acq: 4 Jan 2021 14:03

Tgt Ion: 96 Resp: 142958
 Ion Ratio Lower Upper
 96 100
 61 153.5 123.4 185.2
 98 61.8 49.8 74.8





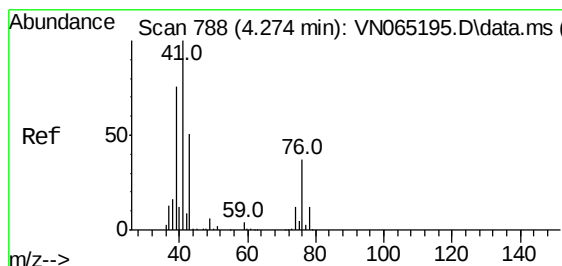
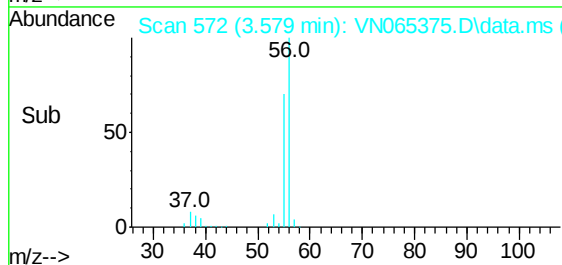
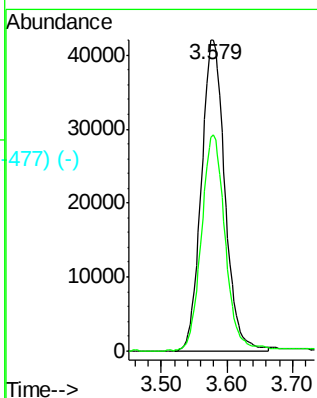
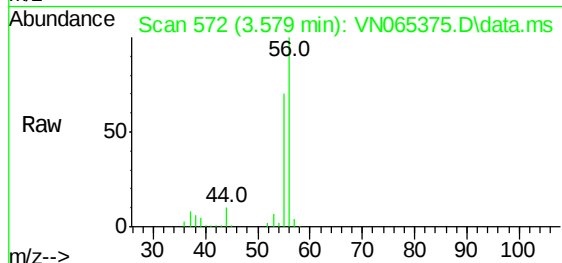
#43 (-)
Acrolein
Concen: 265.93 ug/l
RT: 3.579 min Scan# 572
Delta R.T. 0.006 min
Lab File: VN065375.D
Acq: 4 Jan 2021 14:03

Tgt Ion: 56 Resp: 104071
Ion Ratio Lower Upper
56 100
55 69.7 56.5 84.7

Instrument :
MSVOA_N
ClientSampleId :
MW-3D-123020MSD

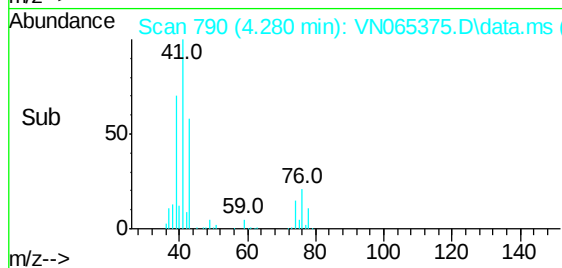
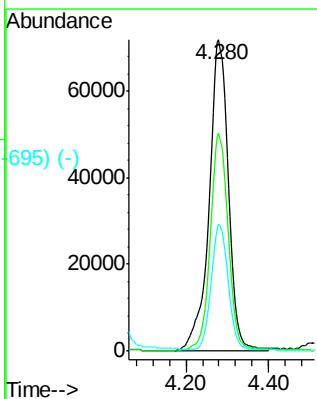
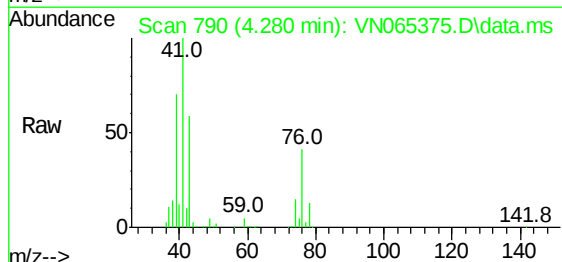
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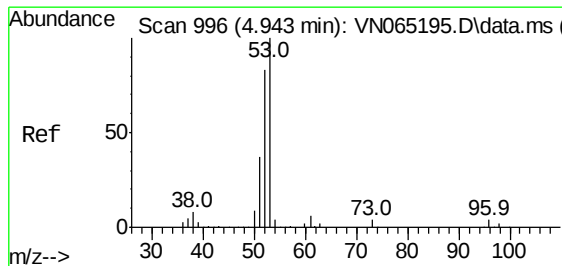
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#44 (-)
Allyl chloride
Concen: 44.93 ug/l
RT: 4.280 min Scan# 790
Delta R.T. 0.006 min
Lab File: VN065375.D
Acq: 4 Jan 2021 14:03

Tgt Ion: 41 Resp: 227733
Ion Ratio Lower Upper
41 100
39 64.5 50.9 76.3
76 34.8 29.0 43.4





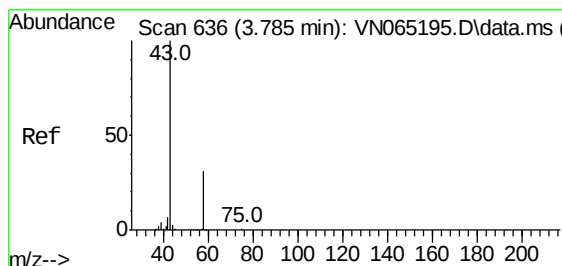
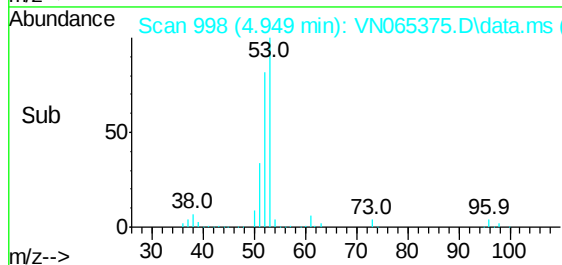
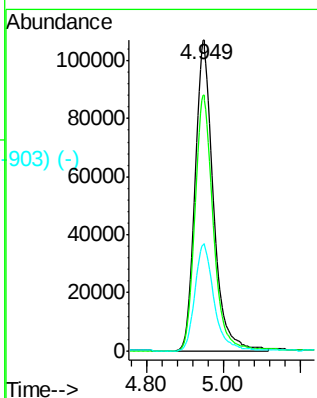
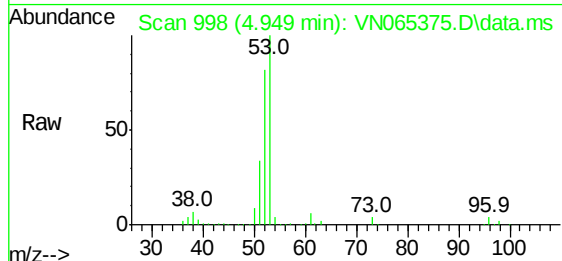
Acrylonitrile
Concen: 257.99 ug/l
RT: 4.949 min Scan# 998
Delta R.T. 0.006 min
Lab File: VN065375.D
Acq: 4 Jan 2021 14:03

Tgt Ion: 53 Resp: 360541
Ion Ratio Lower Upper
53 100
52 82.0 65.5 98.3
51 36.0 28.6 43.0

Instrument :
MSVOA_N
ClientSampleId :
MW-3D-123020MSD

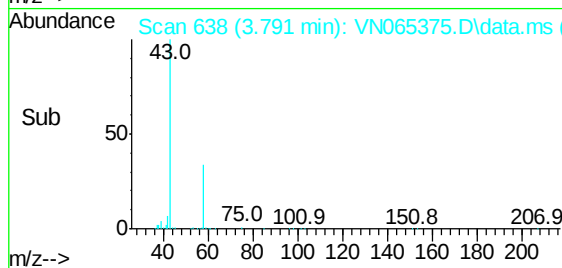
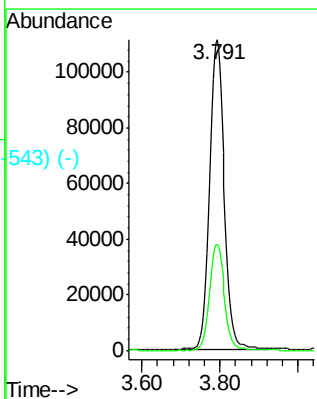
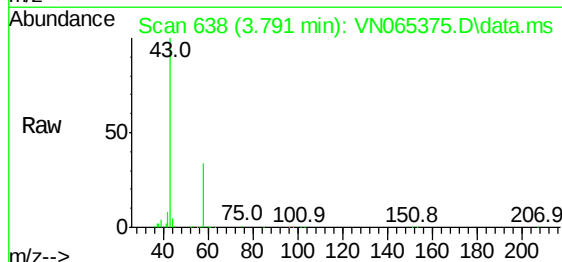
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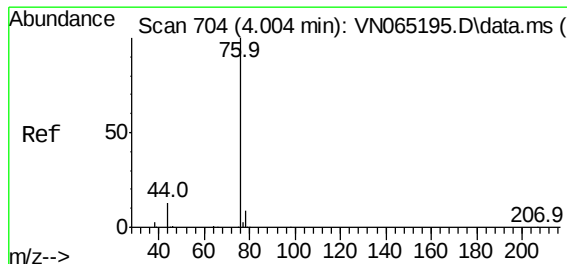
MMDadoda
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Acetone
Concen: 196.91 ug/l
RT: 3.791 min Scan# 638
Delta R.T. 0.006 min
Lab File: VN065375.D
Acq: 4 Jan 2021 14:03

Tgt Ion: 43 Resp: 295433
Ion Ratio Lower Upper
43 100
58 34.4 25.7 38.5





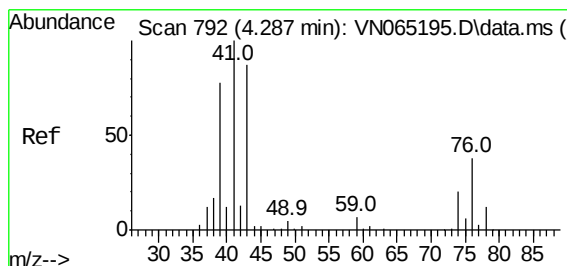
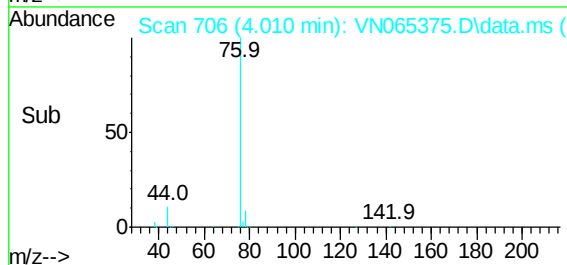
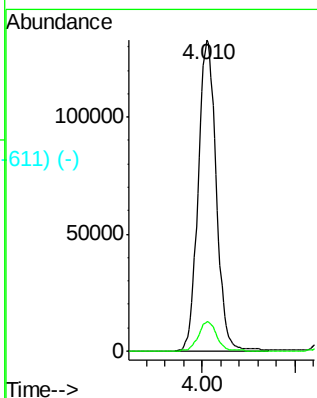
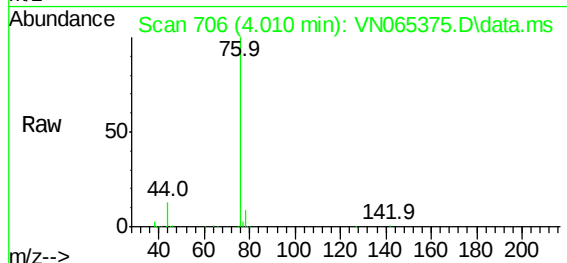
Carbon Disulfide
Concen: 45.02 ug/l
RT: 4.010 min Scan# 706
Delta R.T. 0.006 min
Lab File: VN065375.D
Acq: 4 Jan 2021 14:03

Instrument :
MSVOA_N
ClientSampleId :
MW-3D-123020MSD

Tgt Ion: 76 Resp: 354222
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0

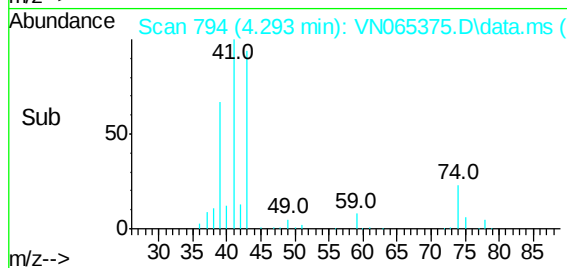
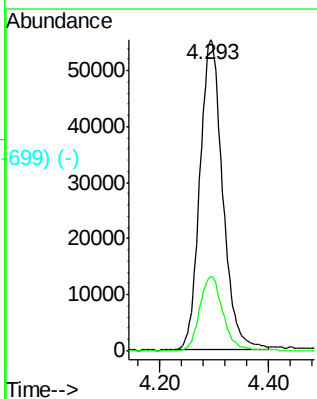
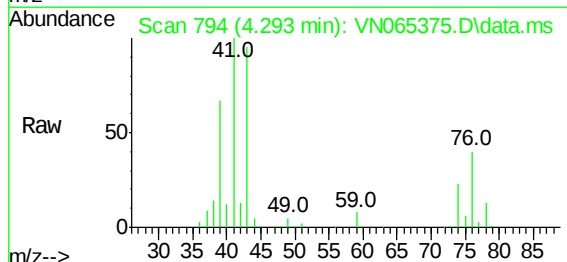
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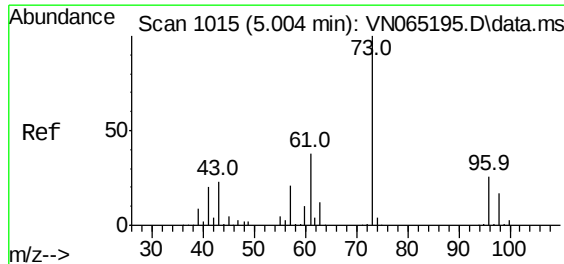
MMDadoda
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Methyl Acetate
Concen: 50.57 ug/l
RT: 4.293 min Scan# 794
Delta R.T. 0.006 min
Lab File: VN065375.D
Acq: 4 Jan 2021 14:03

Tgt Ion: 43 Resp: 160468
Ion Ratio Lower Upper
43 100
74 24.3 20.2 30.2





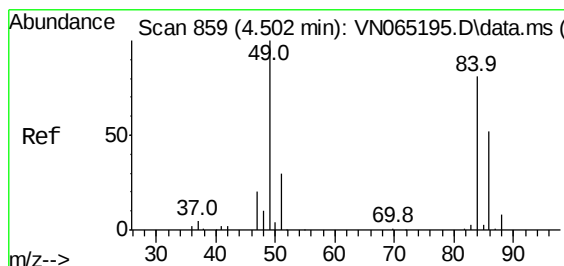
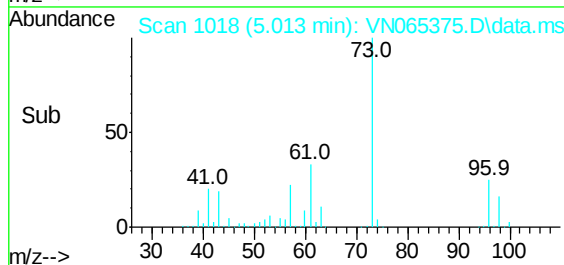
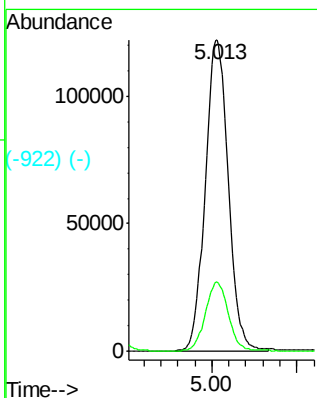
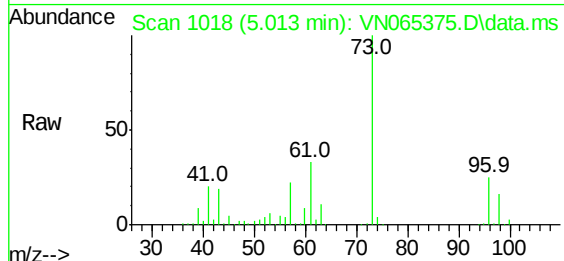
(-922) (-)
Methyl tert-butyl Ether
Concen: 46.85 ug/l
RT: 5.013 min Scan# 1018
Delta R.T. 0.009 min
Lab File: VN065375.D
Acq: 4 Jan 2021 14:03

Instrument :
MSVOA_N
ClientSampleId :
MW-3D-123020MSD

Tgt Ion: 73 Resp: 457506
Ion Ratio Lower Upper
73 100
57 22.3 17.4 26.0

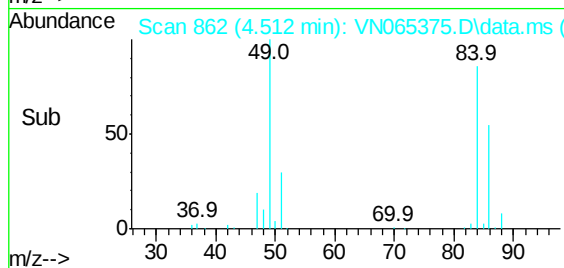
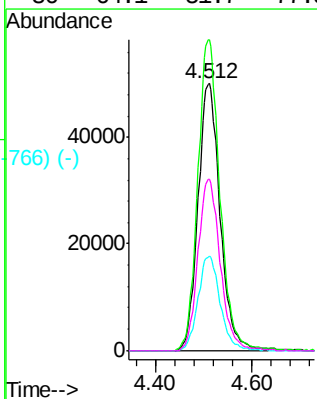
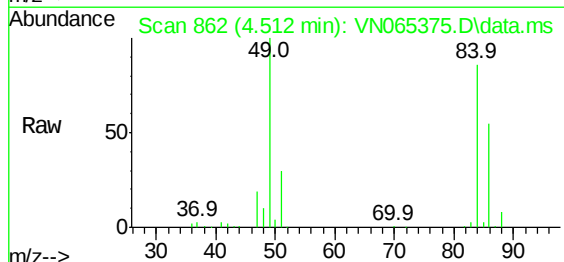
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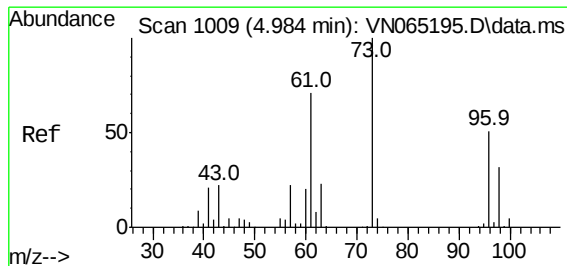
MMDadoda
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(-882) (-)
Methylene Chloride
Concen: 46.13 ug/l
RT: 4.512 min Scan# 862
Delta R.T. 0.010 min
Lab File: VN065375.D
Acq: 4 Jan 2021 14:03

Tgt Ion: 84 Resp: 159073
Ion Ratio Lower Upper
84 100
49 116.4 93.4 140.0
51 35.3 28.2 42.4
86 64.1 51.7 77.5





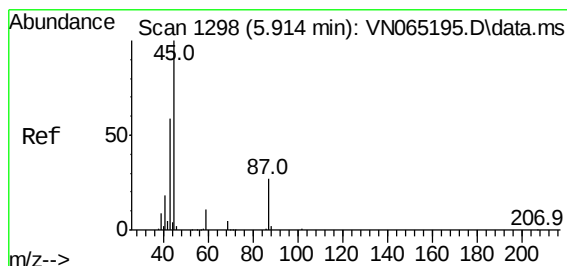
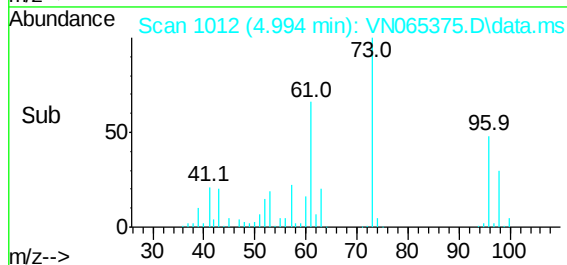
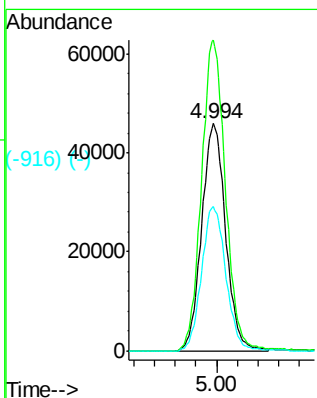
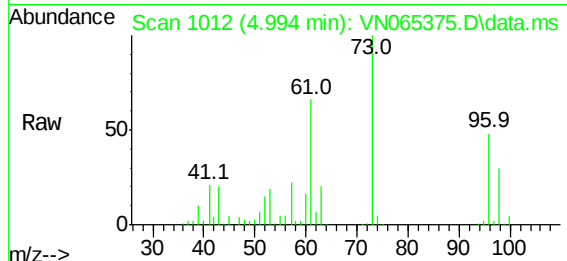
(-821) (-)
trans-1,2-Dichloroethene
Concen: 48.71 ug/l
RT: 4.994 min Scan# 1012
Delta R.T. 0.010 min
Lab File: VN065375.D
Acq: 4 Jan 2021 14:03

Tgt Ion: 96 Resp: 147051
Ion Ratio Lower Upper
96 100
61 136.6 108.4 162.6
98 63.2 51.3 76.9

Instrument :
MSVOA_N
ClientSampleId :
MW-3D-123020MSD

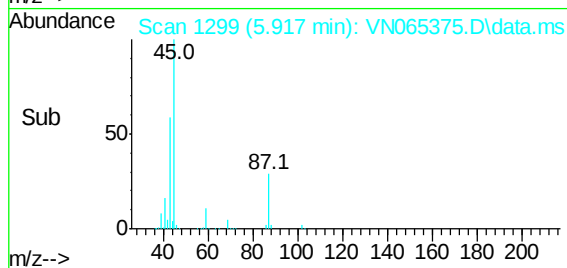
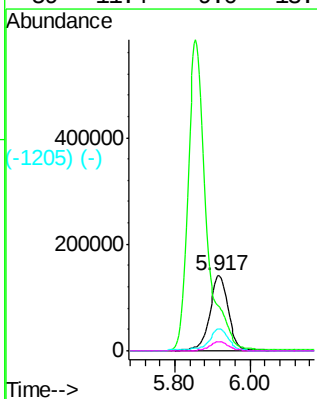
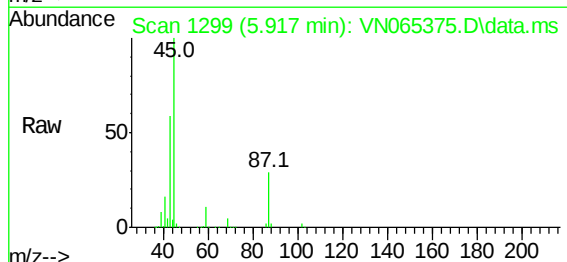
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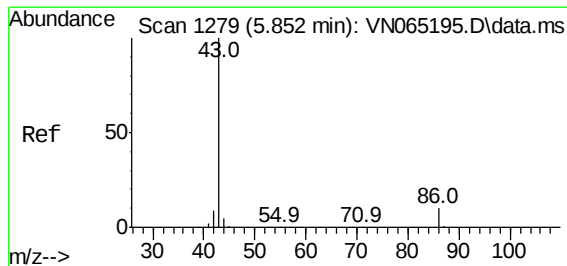
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(-1261) (-)
Diisopropyl ether
Concen: 47.41 ug/l
RT: 5.917 min Scan# 1299
Delta R.T. 0.003 min
Lab File: VN065375.D
Acq: 4 Jan 2021 14:03

Tgt Ion: 45 Resp: 478351
Ion Ratio Lower Upper
45 100
43 57.8 46.2 69.2
87 28.7 24.1 36.1
59 11.4 9.0 13.4



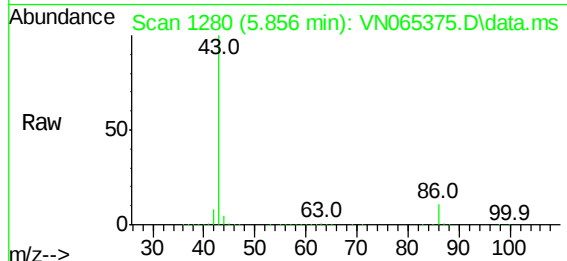


#1291 (-)
Vinyl Acetate
Concen: 231.01 ug/l
RT: 5.856 min Scan# 1280
Delta R.T. 0.004 min
Lab File: VN065375.D
Acq: 4 Jan 2021 14:03

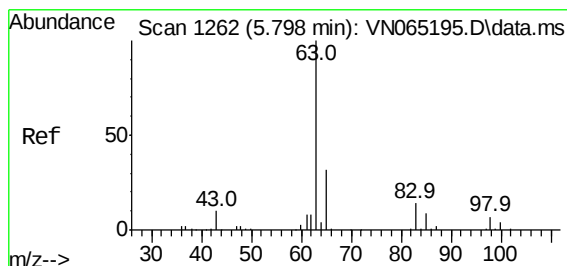
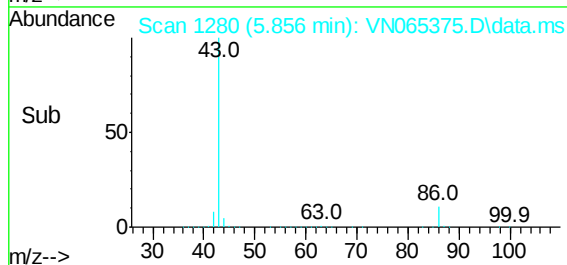
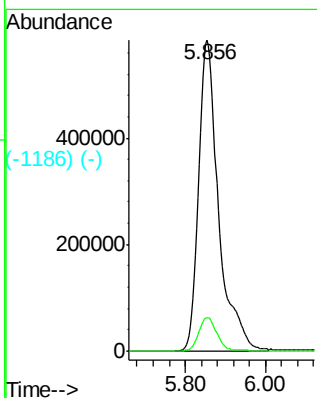
Instrument :
MSVOA_N
ClientSampleId :
MW-3D-123020MSD

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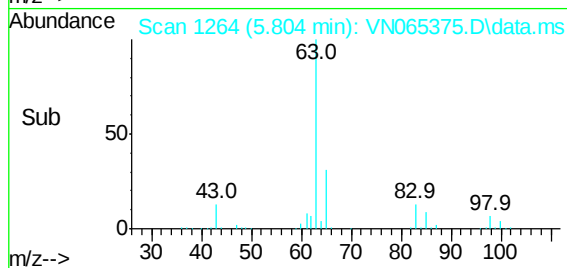
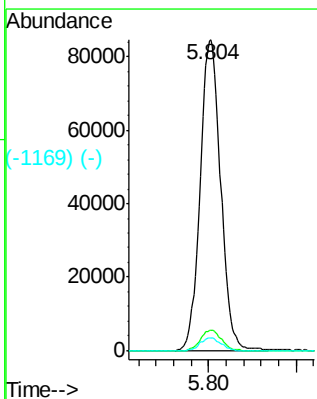
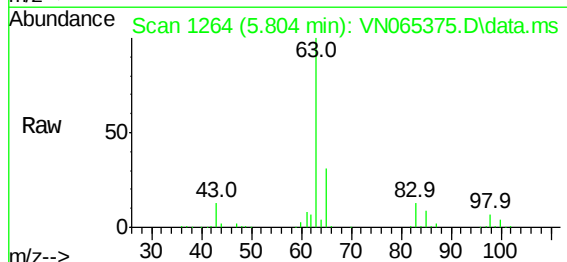


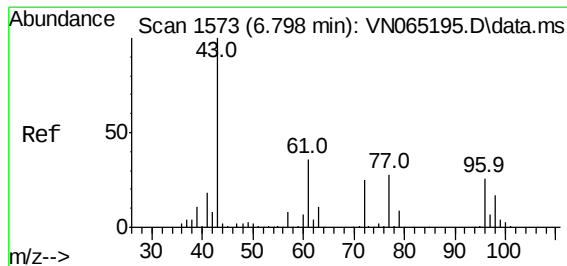
Tgt Ion: 43 Resp: 1964510
Ion Ratio Lower Upper
43 100
86 10.8 8.9 13.3



#1237 (-)
1,1-Dichloroethane
Concen: 49.36 ug/l
RT: 5.804 min Scan# 1264
Delta R.T. 0.006 min
Lab File: VN065375.D
Acq: 4 Jan 2021 14:03

Tgt Ion: 63 Resp: 273177
Ion Ratio Lower Upper
63 100
98 6.7 3.5 10.5
100 4.1 2.3 6.8





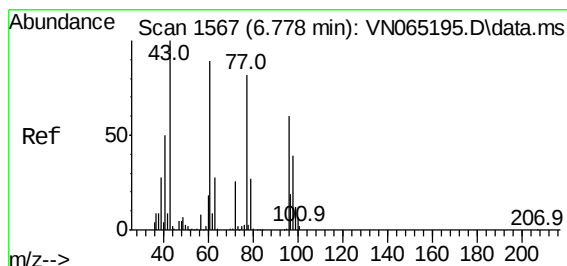
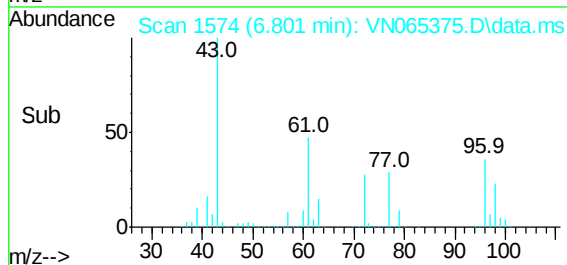
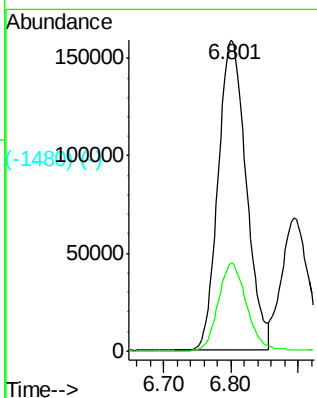
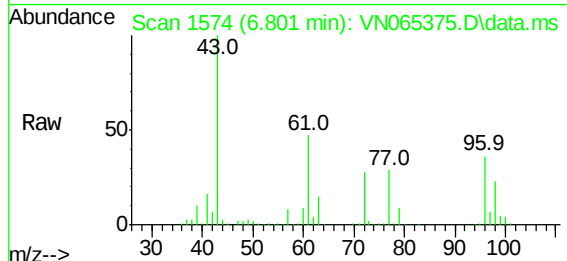
#157 (-)
2-Butanone
Concen: 233.15 ug/l
RT: 6.801 min Scan# 1574
Delta R.T. 0.003 min
Lab File: VN065375.D
Acq: 4 Jan 2021 14:03

Instrument :
MSVOA_N
ClientSampleId :
MW-3D-123020MSD

Tgt Ion: 43 Resp: 462611
Ion Ratio Lower Upper
43 100
72 28.3 21.0 31.6

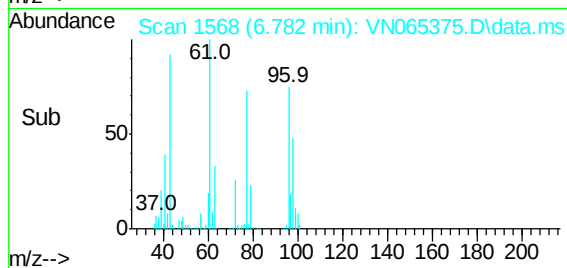
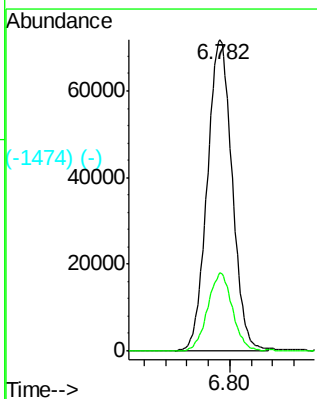
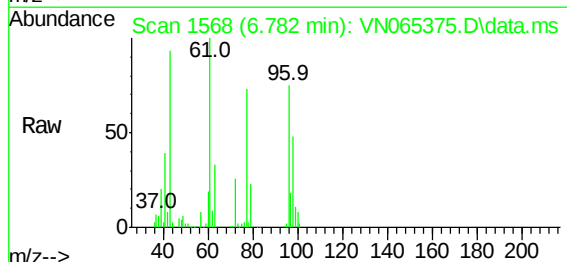
Manual Integrations
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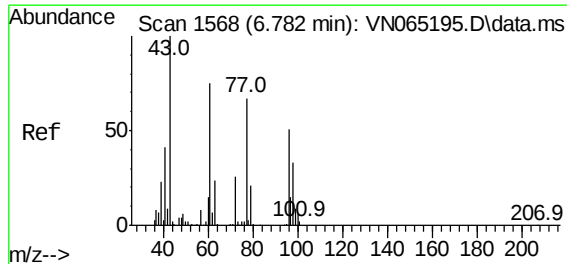
MMDadoda
1/5/2021 1:37:19 PM



#156 (-)
2,2-Dichloropropane
Concen: 43.51 ug/l
RT: 6.782 min Scan# 1568
Delta R.T. 0.004 min
Lab File: VN065375.D
Acq: 4 Jan 2021 14:03

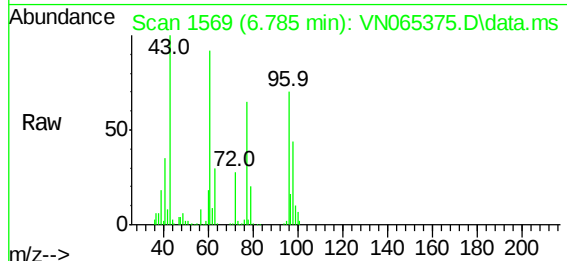
Tgt Ion: 77 Resp: 230055
Ion Ratio Lower Upper
77 100
97 24.6 11.7 35.0





#176 (-)
cis-1,2-Dichloroethene
Concen: 63.09 ug/l
RT: 6.785 min Scan# 1569
Delta R.T. 0.003 min
Lab File: VN065375.D
Acq: 4 Jan 2021 14:03

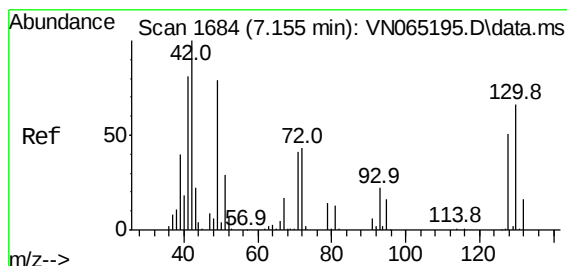
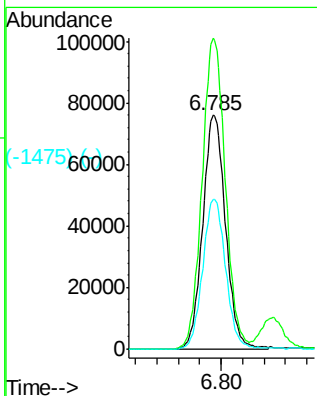
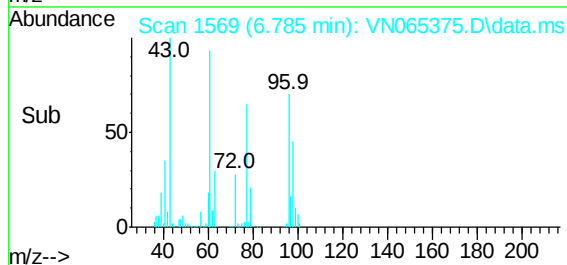
Instrument :
MSVOA_N
ClientSampleId :
MW-3D-123020MSD



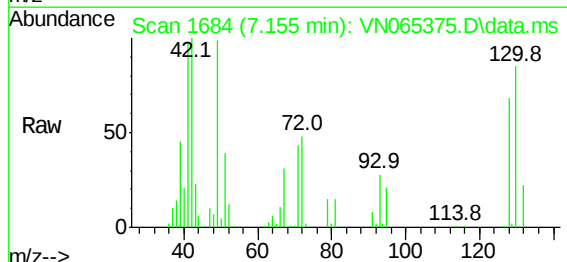
Tgt Ion: 96 Resp: 221666
Ion Ratio Lower Upper
96 100
61 135.1 0.0 285.8
98 64.2 0.0 130.6

Manual Integrations
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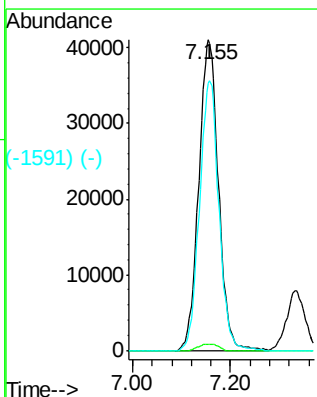
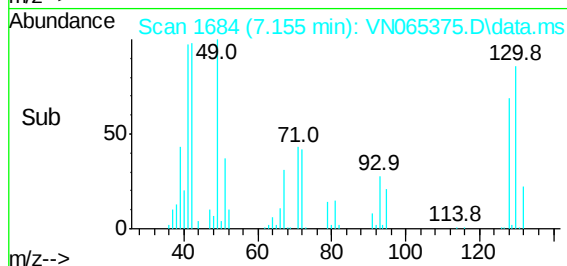
MMDadoda
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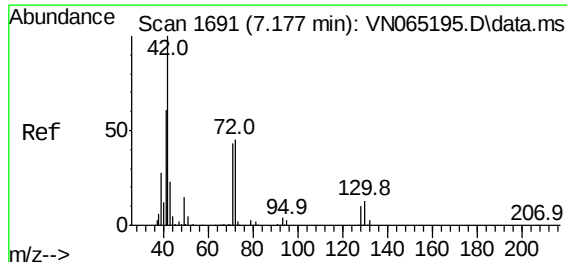


#188 (-)
Bromochloromethane
Concen: 45.19 ug/l
RT: 7.155 min Scan# 1684
Delta R.T. -0.000 min
Lab File: VN065375.D
Acq: 4 Jan 2021 14:03



Tgt Ion: 49 Resp: 113613
Ion Ratio Lower Upper
49 100
129 2.1 0.0 3.8
130 85.8 66.2 99.2



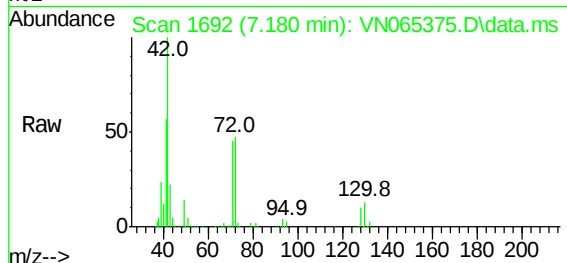


#260 (-)
Tetrahydrofuran
Concen: 240.41 ug/l
RT: 7.180 min Scan# 1692
Delta R.T. 0.003 min
Lab File: VN065375.D
Acq: 4 Jan 2021 14:03

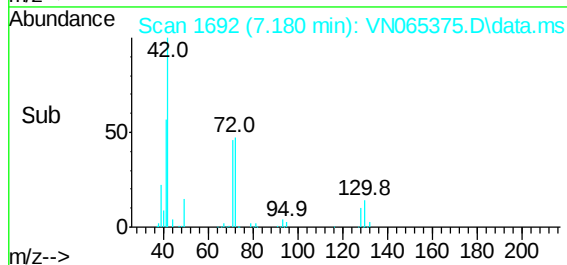
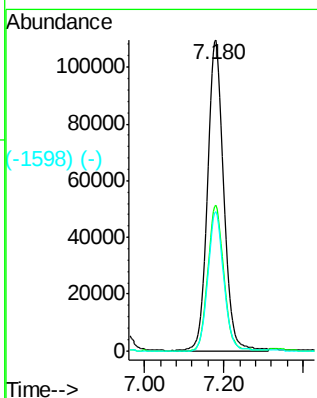
Instrument :
MSVOA_N
ClientSampleId :
MW-3D-123020MSD

Manual Integrations
APPROVED

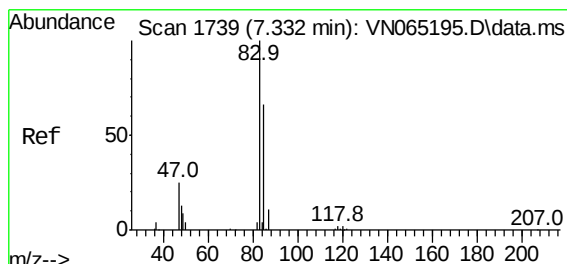
MMDadoda
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Tgt Ion: 42 Resp: 308466
Ion Ratio Lower Upper
42 100
72 46.2 36.6 54.8
71 43.6 33.6 50.4

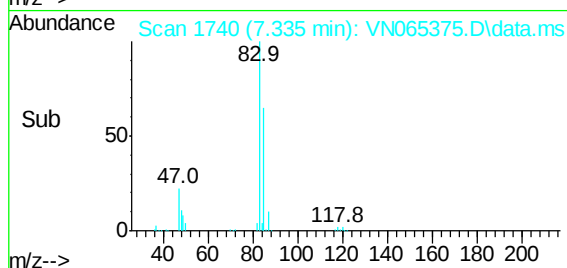
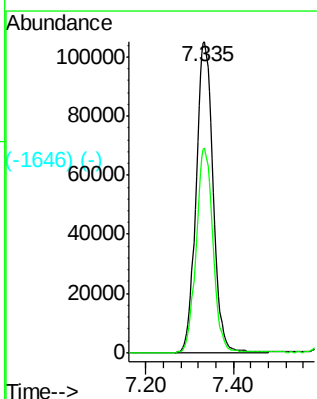
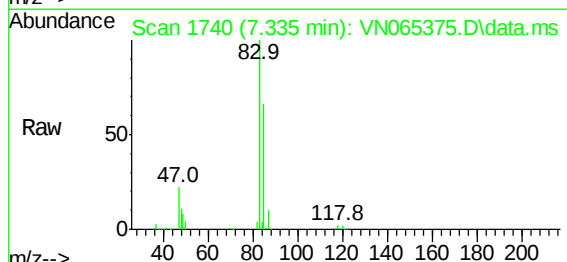


#1598 (-)

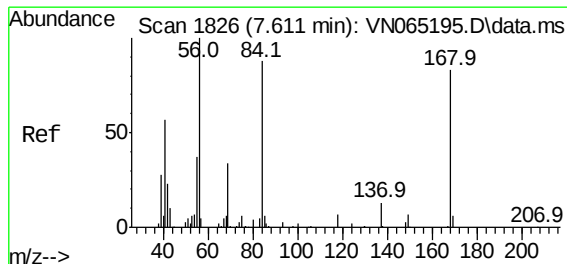


#261 (-)
Chloroform
Concen: 49.35 ug/l
RT: 7.335 min Scan# 1740
Delta R.T. 0.003 min
Lab File: VN065375.D
Acq: 4 Jan 2021 14:03

Tgt Ion: 83 Resp: 281195
Ion Ratio Lower Upper
83 100
85 65.6 52.6 78.8

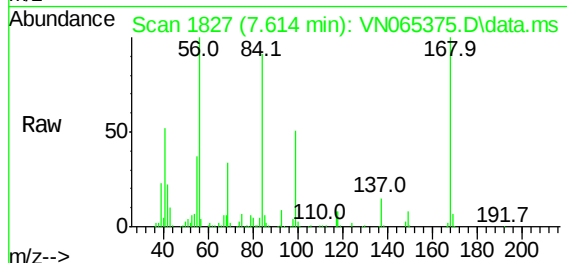


#1646 (-)



#1826 (-)
Cyclohexane
Concen: 44.14 ug/l
RT: 7.614 min Scan# 1827
Delta R.T. 0.003 min
Lab File: VN065375.D
Acq: 4 Jan 2021 14:03

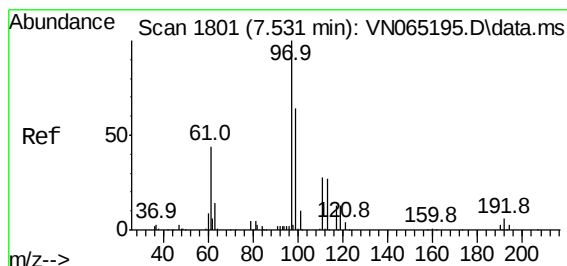
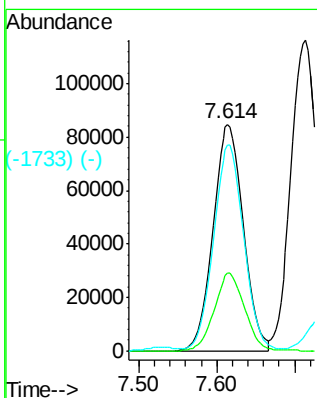
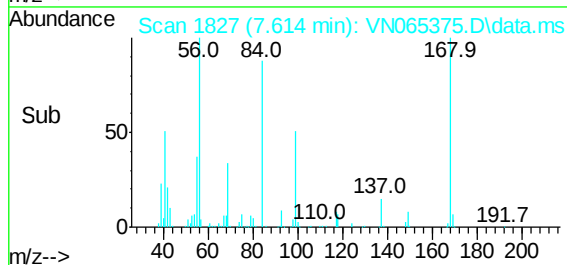
Instrument :
MSVOA_N
ClientSampleId :
MW-3D-123020MSD



Tgt Ion: 56 Resp: 230347
Ion Ratio Lower Upper
56 100
69 34.3 27.5 41.3
84 89.7 73.9 110.9

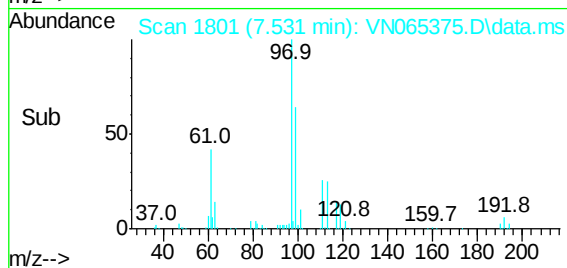
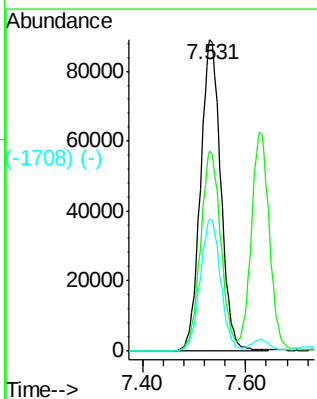
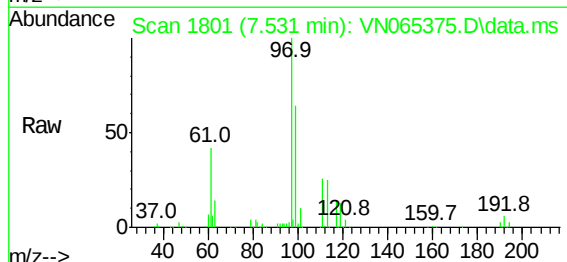
Manual Integrations
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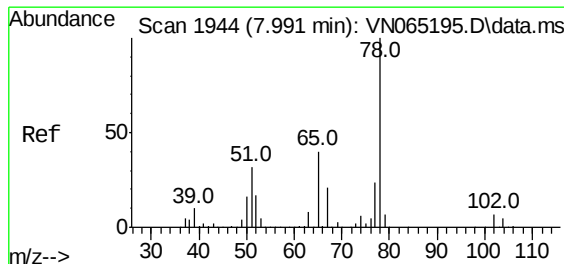
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#1801 (-)
1,1,1-Trichloroethane
Concen: 46.69 ug/l
RT: 7.531 min Scan# 1801
Delta R.T. -0.000 min
Lab File: VN065375.D
Acq: 4 Jan 2021 14:03

Tgt Ion: 97 Resp: 241033
Ion Ratio Lower Upper
97 100
99 64.0 51.7 77.5
61 42.5 33.9 50.9





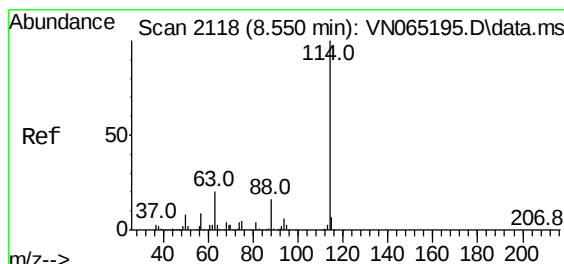
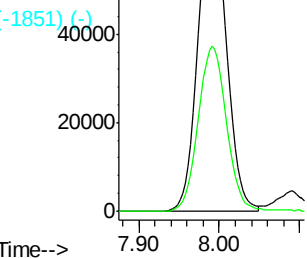
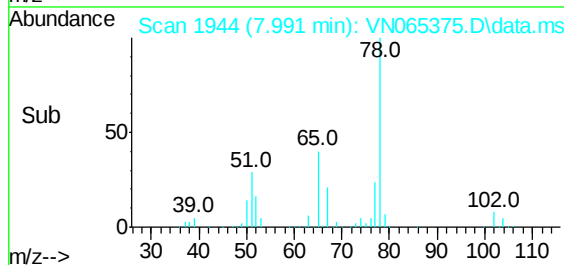
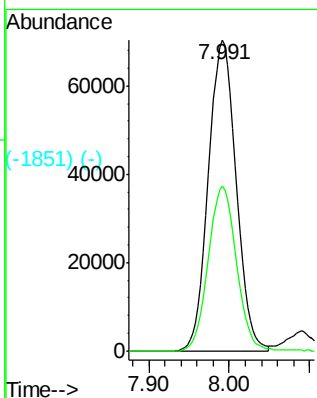
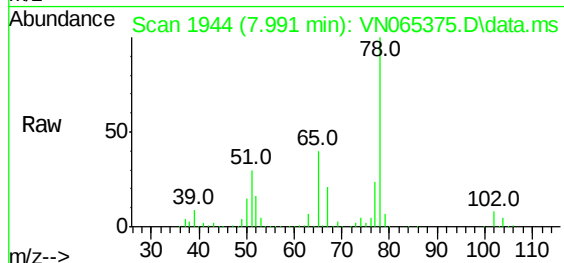
(-1926) (-)
 1,2-Dichloroethane-d4
 Concen: 46.60 ug/l
 RT: 7.991 min Scan# 1944
 Delta R.T. -0.000 min
 Lab File: VN065375.D
 Acq: 4 Jan 2021 14:03

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3D-123020MSD

Tgt Ion: 65 Resp: 164686
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 108.2

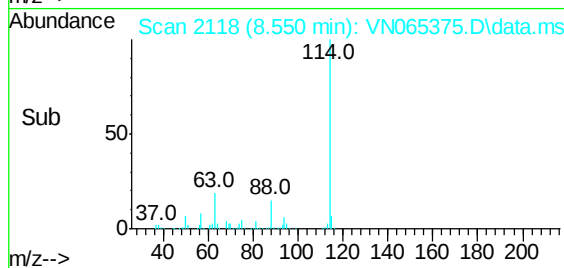
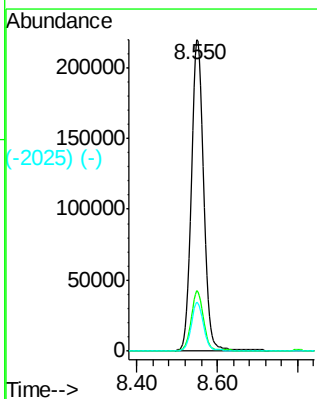
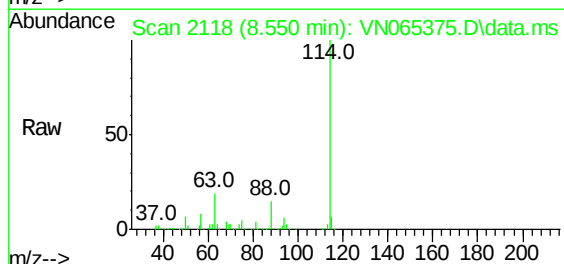
Manual Integrations
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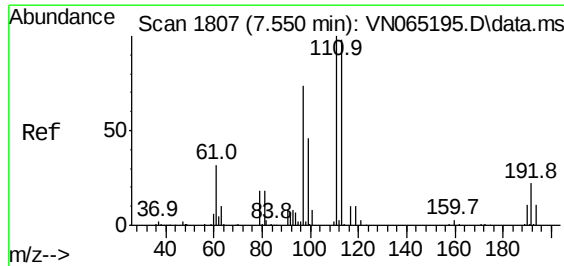
MMDadoda
 1/5/2021 1:37:19 PM



(-2341) (-)
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.550 min Scan# 2118
 Delta R.T. -0.000 min
 Lab File: VN065375.D
 Acq: 4 Jan 2021 14:03

Tgt Ion: 114 Resp: 467455
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 38.6
 88 15.5 0.0 32.6





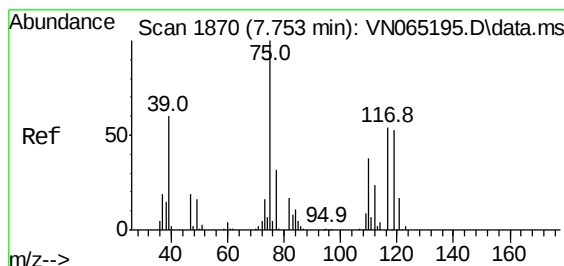
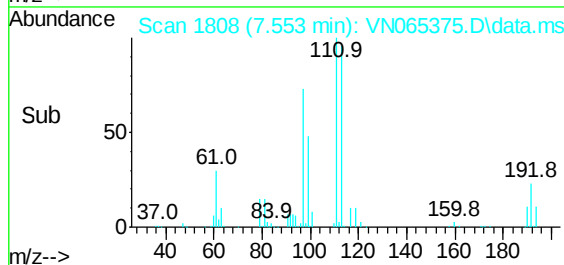
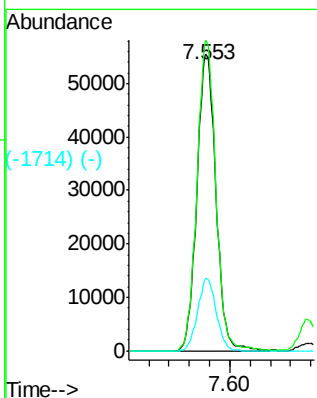
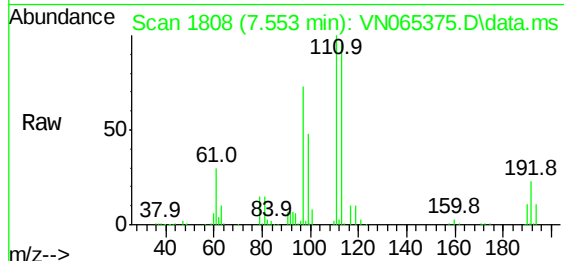
#35 (-)
Dibromofluoromethane
Concen: 51.15 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065375.D
Acq: 4 Jan 2021 14:03

Instrument :
MSVOA_N
ClientSampleId :
MW-3D-123020MSD

Tgt Ion:113 Resp: 144254
Ion Ratio Lower Upper
113 100
111 102.9 81.6 122.4
192 23.8 16.2 24.2

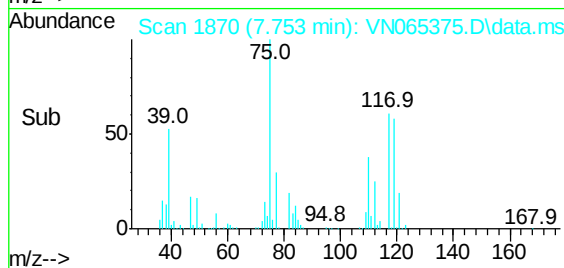
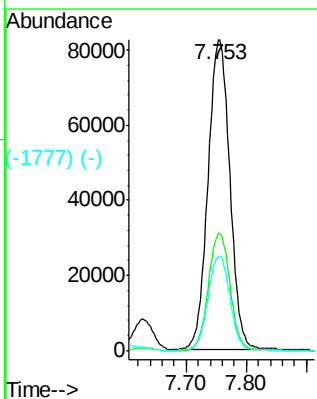
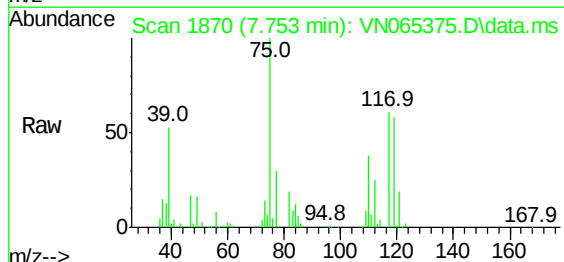
Manual Integrations
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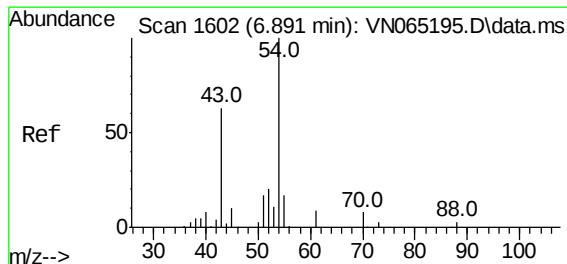
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#36 (-)
1,1-Dichloropropene
Concen: 48.08 ug/l
RT: 7.753 min Scan# 1870
Delta R.T. -0.000 min
Lab File: VN065375.D
Acq: 4 Jan 2021 14:03

Tgt Ion: 75 Resp: 204366
Ion Ratio Lower Upper
75 100
110 37.5 17.8 53.3
77 31.0 25.0 37.4





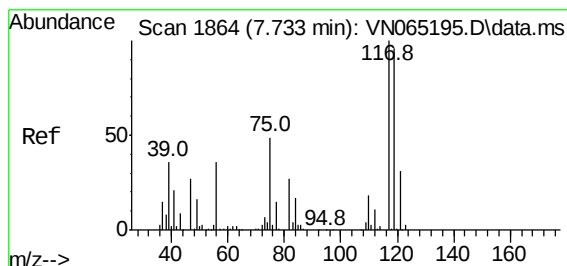
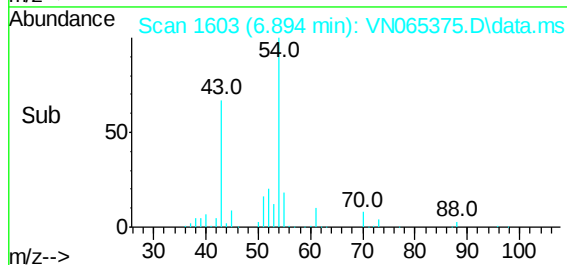
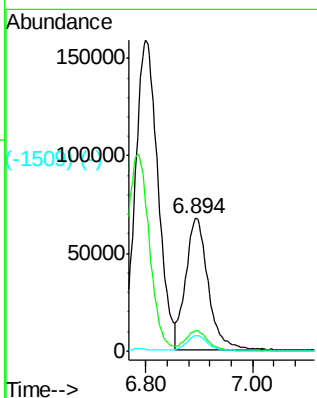
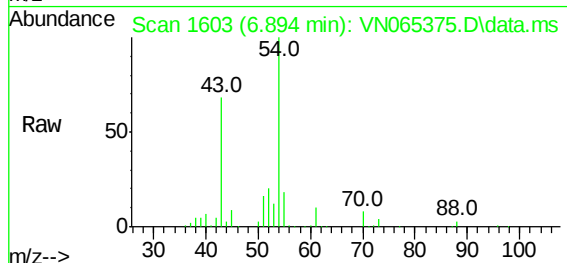
#191 (-)
Ethyl Acetate
Concen: 46.73 ug/l
RT: 6.894 min Scan# 1603
Delta R.T. 0.003 min
Lab File: VN065375.D
Acq: 4 Jan 2021 14:03

Instrument :
MSVOA_N
ClientSampleId :
MW-3D-123020MSD

Tgt Ion: 43 Resp: 196853
Ion Ratio Lower Upper
43 100
61 14.6 12.8 19.2
70 11.0 8.8 13.2

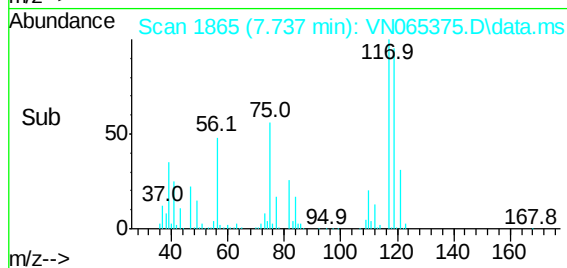
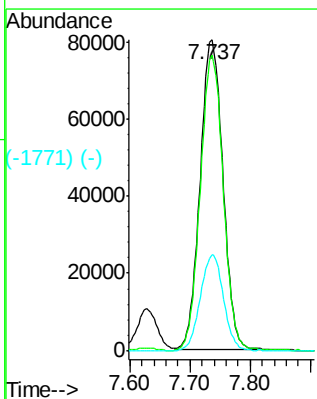
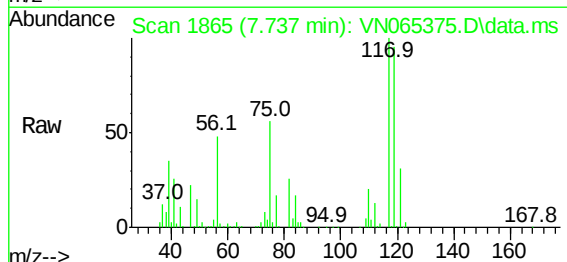
Manual Integrations
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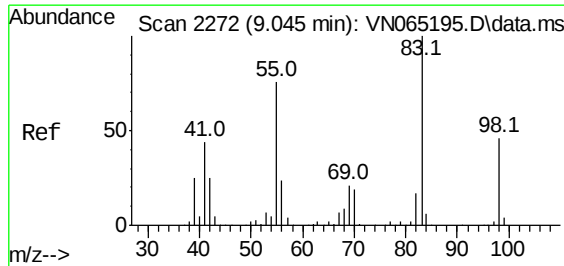
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#186 (-)
Carbon Tetrachloride
Concen: 46.66 ug/l
RT: 7.737 min Scan# 1865
Delta R.T. 0.004 min
Lab File: VN065375.D
Acq: 4 Jan 2021 14:03

Tgt Ion:117 Resp: 208302
Ion Ratio Lower Upper
117 100
119 95.0 76.7 115.1
121 30.7 25.4 38.2





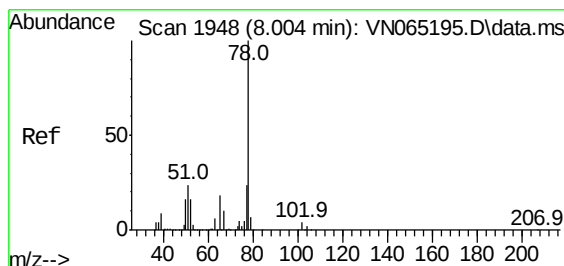
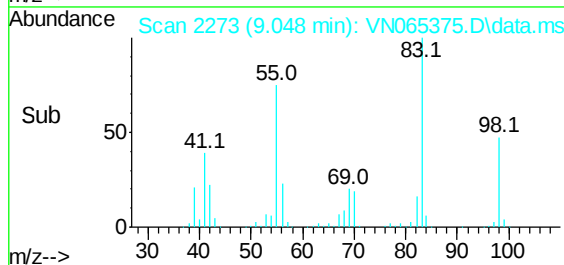
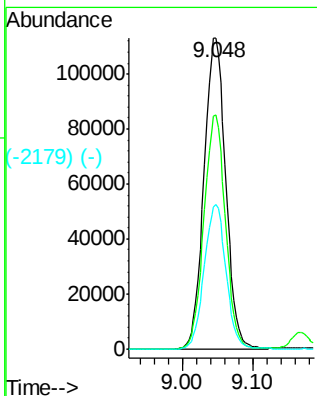
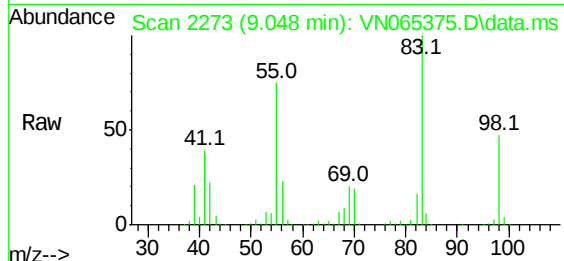
#295 (-)
Methylcyclohexane
Concen: 47.40 ug/l
RT: 9.048 min Scan# 2273
Delta R.T. 0.003 min
Lab File: VN065375.D
Acq: 4 Jan 2021 14:03

Tgt Ion: 83 Resp: 242085
Ion Ratio Lower Upper
83 100
55 75.3 60.2 90.2
98 46.6 37.4 56.2

Instrument :
MSVOA_N
ClientSampleId :
MW-3D-123020MSD

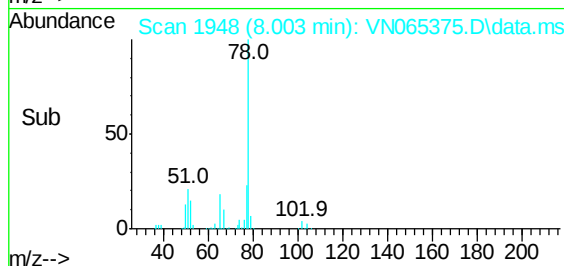
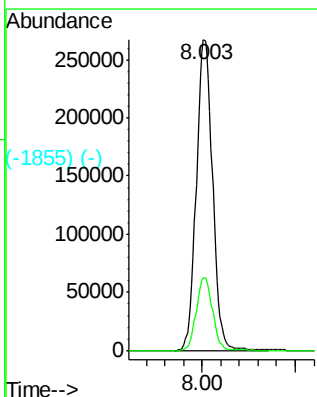
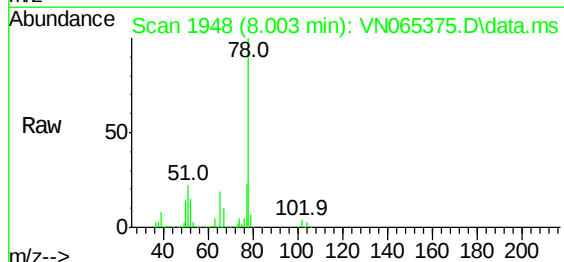
Manual Integrations
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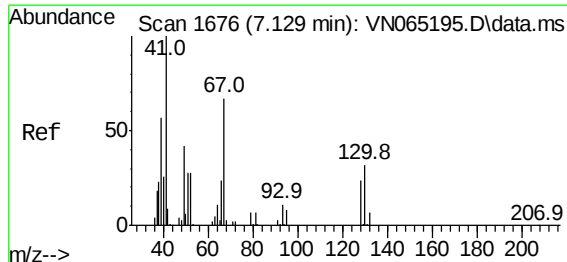
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#198 (-)
Benzene
Concen: 50.62 ug/l
RT: 8.003 min Scan# 1948
Delta R.T. -0.001 min
Lab File: VN065375.D
Acq: 4 Jan 2021 14:03

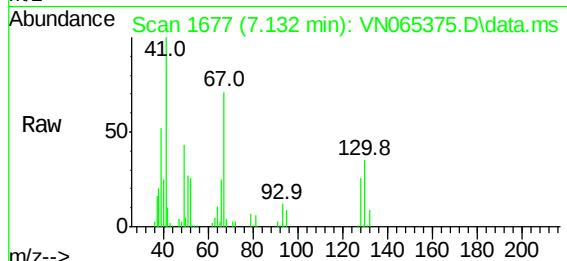
Tgt Ion: 78 Resp: 640028
Ion Ratio Lower Upper
78 100
77 23.4 17.9 26.9





(-440) (-)
Methacrylonitrile
Concen: 41.53 ug/l
RT: 7.132 min Scan# 1677
Delta R.T. 0.003 min
Lab File: VN065375.D
Acq: 4 Jan 2021 14:03

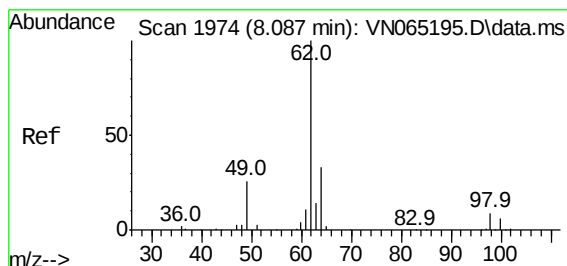
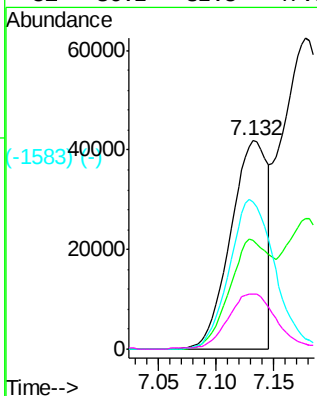
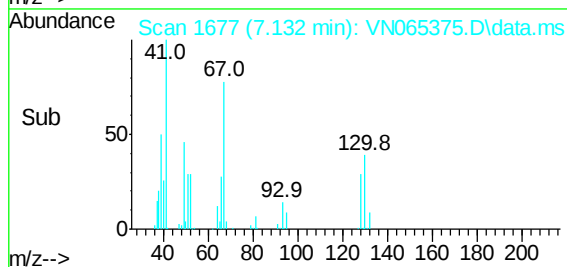
Instrument :
MSVOA_N
ClientSampleId :
MW-3D-123020MSD



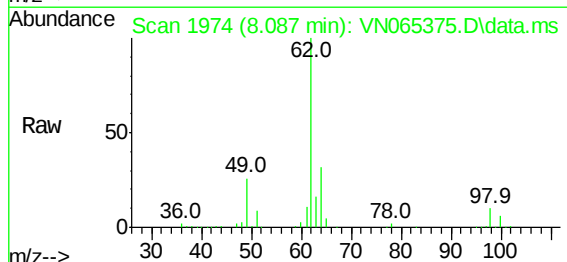
Tgt Ion: 41 Resp: 91047
Ion Ratio Lower Upper
41 100
39 60.7 51.0 76.6
67 91.6 79.8 119.8
52 36.1 31.5 47.3

Manual Integrations
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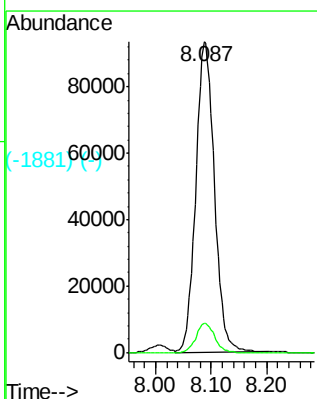
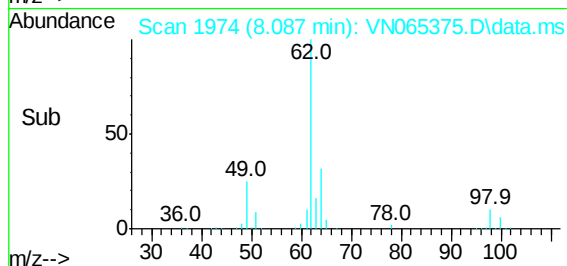
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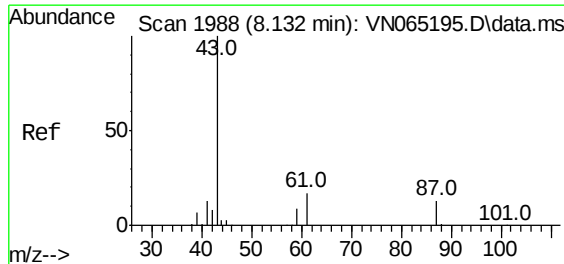


(-198) (-)
1,2-Dichloroethane
Concen: 46.19 ug/l
RT: 8.087 min Scan# 1974
Delta R.T. -0.000 min
Lab File: VN065375.D
Acq: 4 Jan 2021 14:03



Tgt Ion: 62 Resp: 215827
Ion Ratio Lower Upper
62 100
98 9.4 0.0 19.6





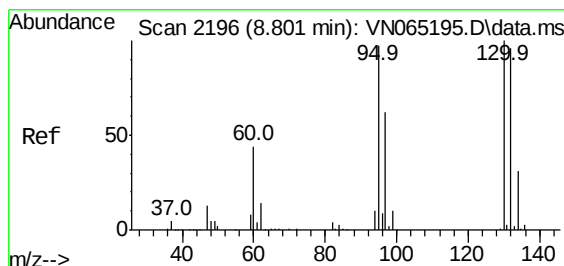
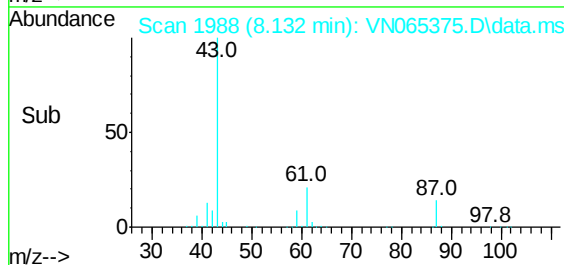
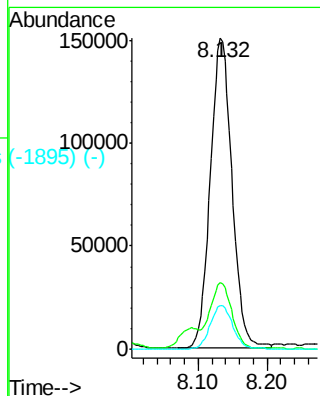
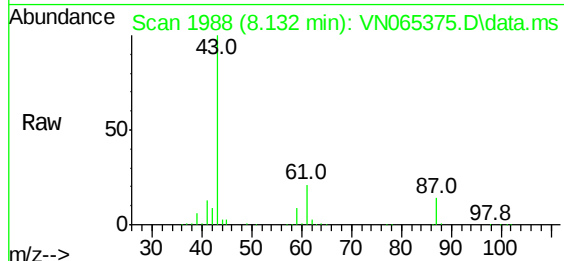
#438 (-)
Isopropyl Acetate
Concen: 45.46 ug/l
RT: 8.132 min Scan# 1988
Delta R.T. 0.000 min
Lab File: VN065375.D
Acq: 4 Jan 2021 14:03

Instrument :
MSVOA_N
ClientSampleId :
MW-3D-123020MSD

Tgt Ion: 43 Resp: 330086
Ion Ratio Lower Upper
43 100
61 21.5 17.2 25.8
87 14.3 11.4 17.0

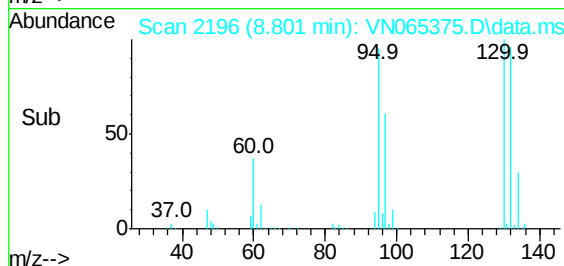
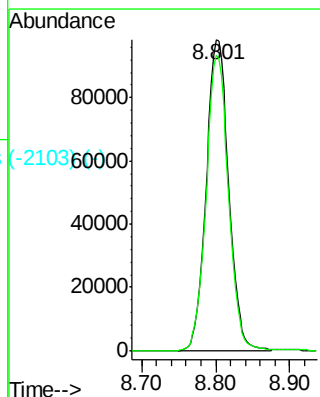
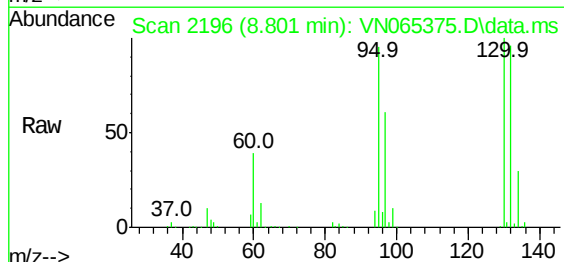
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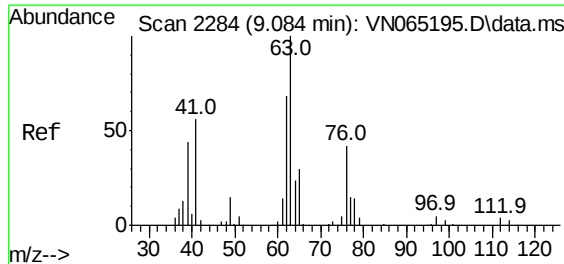
MMDadoda
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#440 (-)
Trichloroethene
Concen: 56.77 ug/l
RT: 8.801 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VN065375.D
Acq: 4 Jan 2021 14:03

Tgt Ion:130 Resp: 207210
Ion Ratio Lower Upper
130 100
95 95.1 0.0 197.8



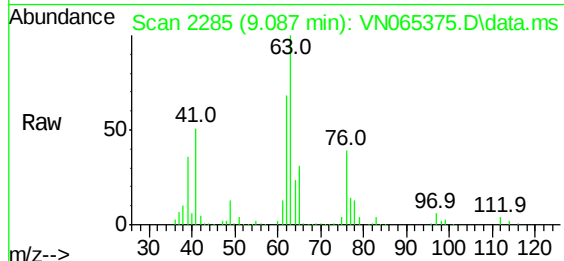


#452 (-)
1,2-Dichloropropane
Concen: 51.42 ug/l
RT: 9.087 min Scan# 2285
Delta R.T. 0.003 min
Lab File: VN065375.D
Acq: 4 Jan 2021 14:03

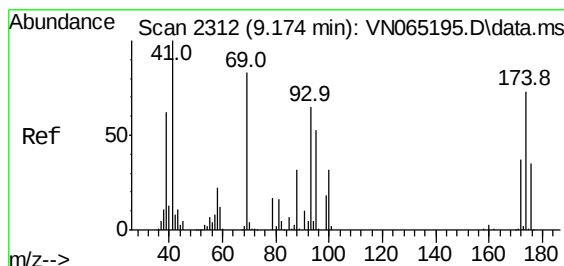
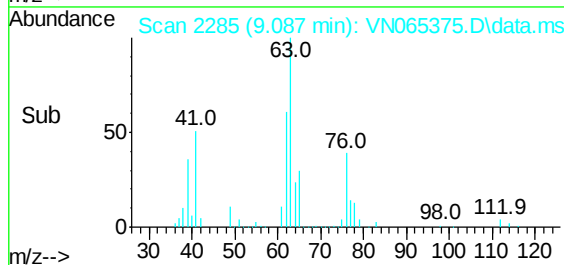
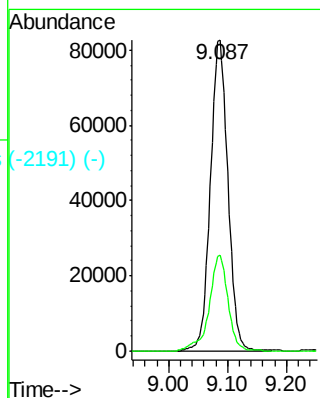
Instrument :
MSVOA_N
ClientSampleId :
MW-3D-123020MSD

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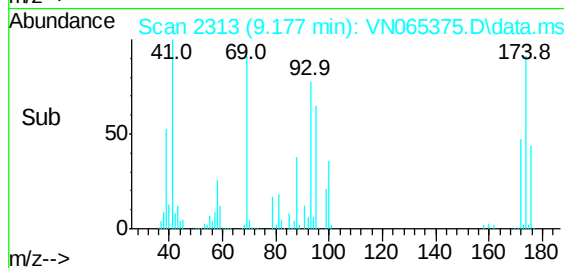
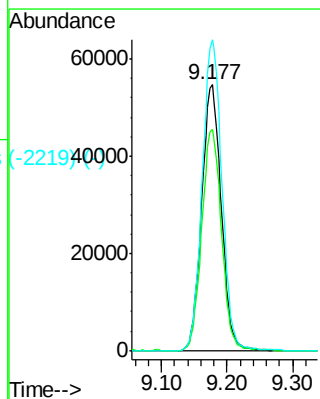
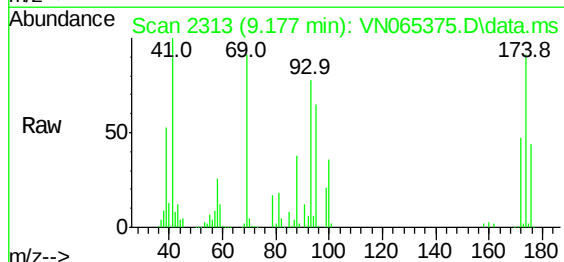


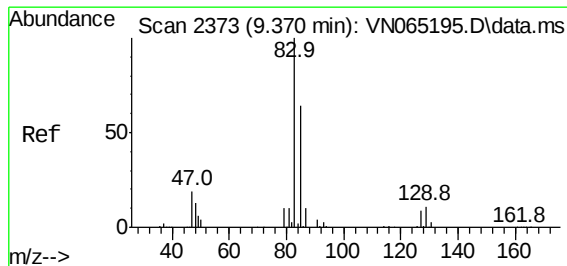
Tgt Ion: 63 Resp: 169029
Ion Ratio Lower Upper
63 100
65 30.7 25.0 37.4



#457 (-)
Dibromomethane
Concen: 50.34 ug/l
RT: 9.177 min Scan# 2313
Delta R.T. 0.003 min
Lab File: VN065375.D
Acq: 4 Jan 2021 14:03

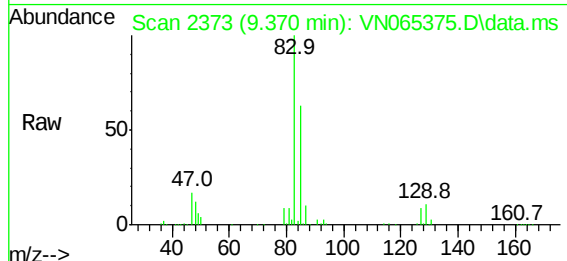
Tgt Ion: 93 Resp: 112380
Ion Ratio Lower Upper
93 100
95 83.9 68.8 103.2
174 117.4 83.1 124.7





#477 (-)
Bromodichloromethane
Concen: 47.98 ug/l
RT: 9.370 min Scan# 2373
Delta R.T. -0.000 min
Lab File: VN065375.D
Acq: 4 Jan 2021 14:03

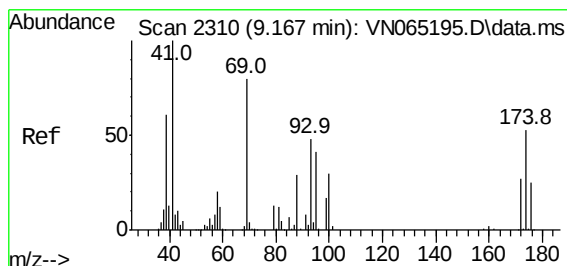
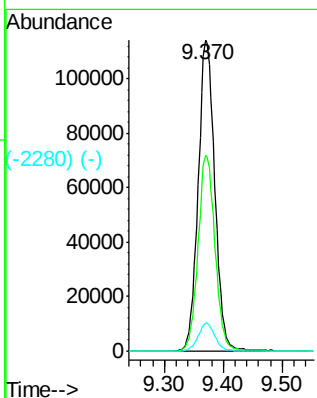
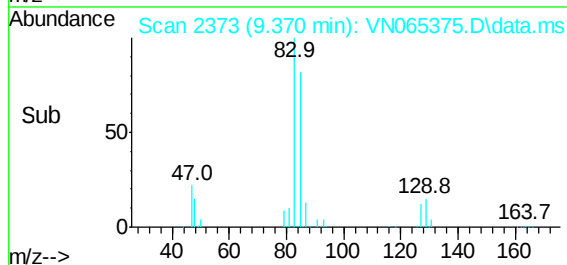
Instrument :
MSVOA_N
ClientSampleId :
MW-3D-123020MSD



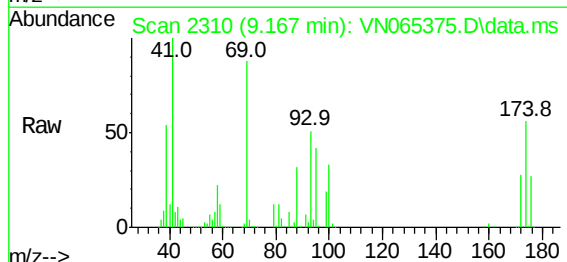
Tgt Ion: 83 Resp: 225853
Ion Ratio Lower Upper
83 100
85 63.0 51.8 77.8
127 8.9 6.8 10.2

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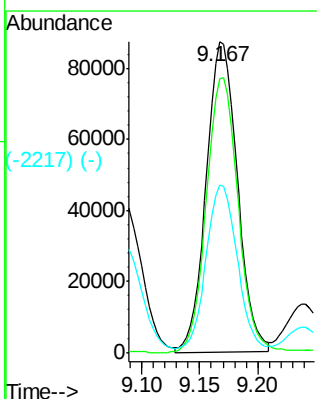
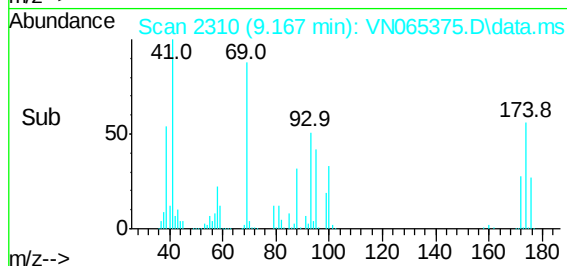
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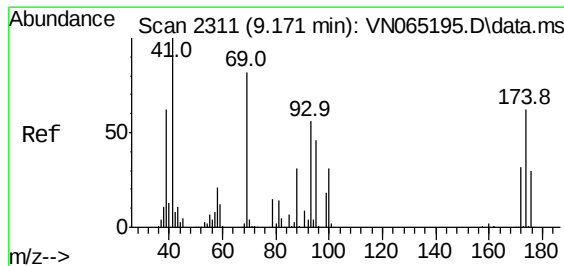


#478 (-)
Methyl methacrylate
Concen: 46.55 ug/l
RT: 9.167 min Scan# 2310
Delta R.T. 0.000 min
Lab File: VN065375.D
Acq: 4 Jan 2021 14:03



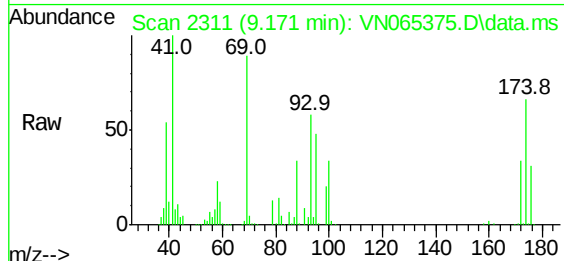
Tgt Ion: 41 Resp: 164089
Ion Ratio Lower Upper
41 100
69 90.7 71.8 107.8
39 54.0 44.1 66.1





#2297 (-)
1,4-Dioxane
Concen: 1068.05 ug/l
RT: 9.171 min Scan# 2311
Delta R.T. -0.000 min
Lab File: VN065375.D
Acq: 4 Jan 2021 14:03

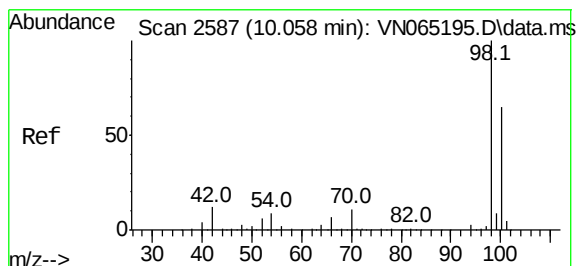
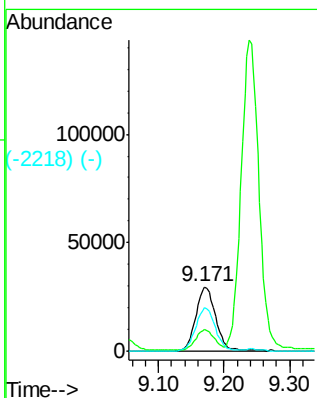
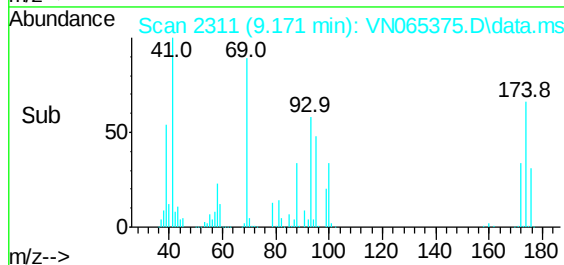
Instrument :
MSVOA_N
ClientSampleId :
MW-3D-123020MSD



Tgt Ion: 88 Resp: 61013
Ion Ratio Lower Upper
88 100
43 30.2 24.2 36.4
58 66.9 52.5 78.7

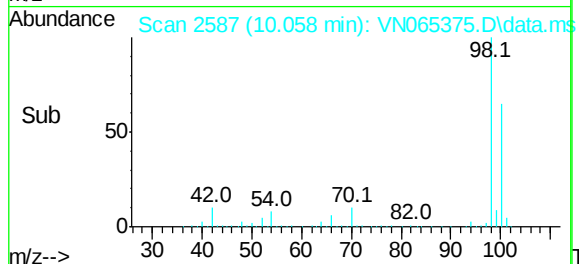
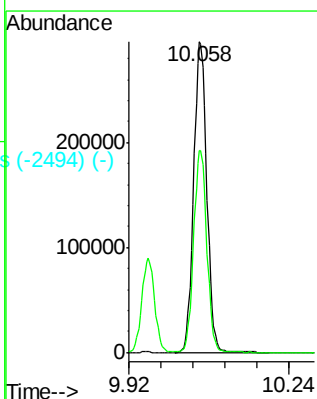
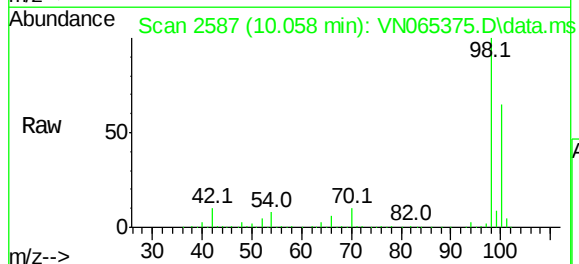
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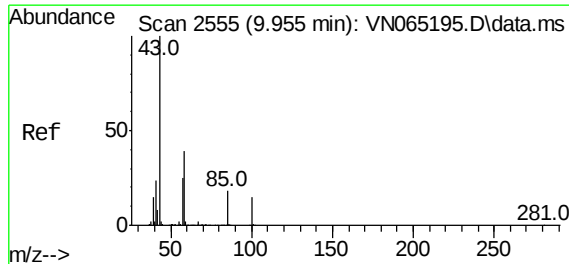
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#22971 (-)
Toluene-d8
Concen: 51.19 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.000 min
Lab File: VN065375.D
Acq: 4 Jan 2021 14:03

Tgt Ion: 98 Resp: 541128
Ion Ratio Lower Upper
98 100
100 65.3 51.7 77.5



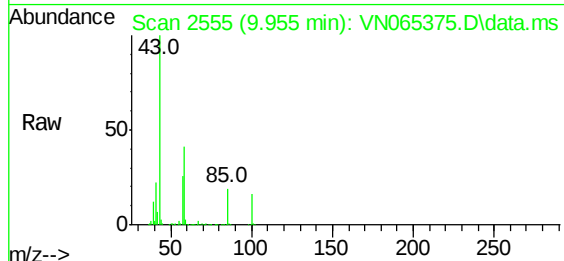


#518 (-)
4-Methyl-2-Pentanone
Concen: 244.77 ug/l
RT: 9.955 min Scan# 2555
Delta R.T. 0.000 min
Lab File: VN065375.D
Acq: 4 Jan 2021 14:03

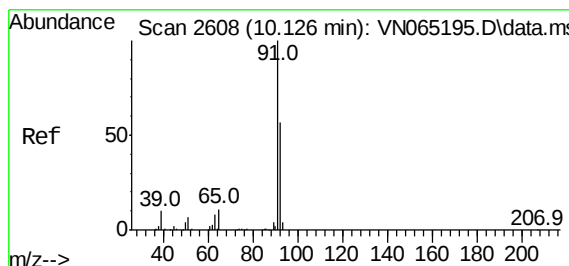
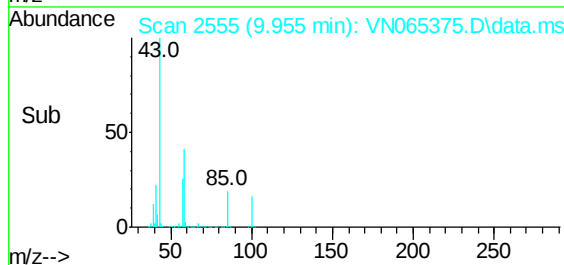
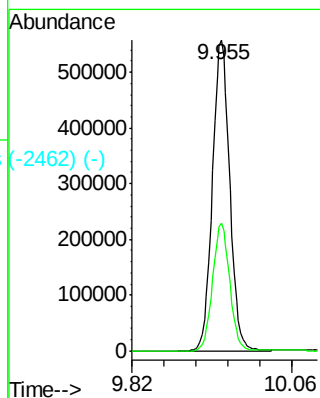
Instrument :
MSVOA_N
ClientSampleId :
MW-3D-123020MSD

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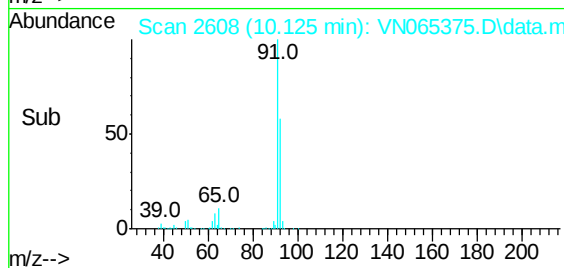
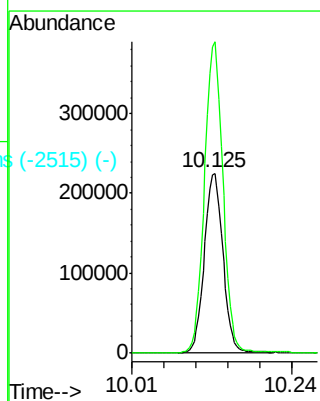
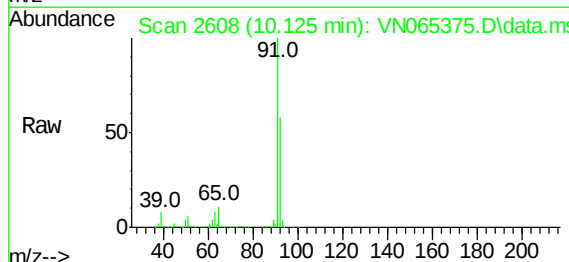


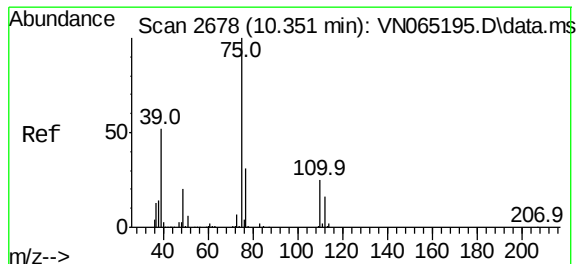
Tgt Ion: 43 Resp: 999259
Ion Ratio Lower Upper
43 100
58 40.8 32.4 48.6



#519 (-)
Toluene
Concen: 51.36 ug/l
RT: 10.125 min Scan# 2608
Delta R.T. -0.001 min
Lab File: VN065375.D
Acq: 4 Jan 2021 14:03

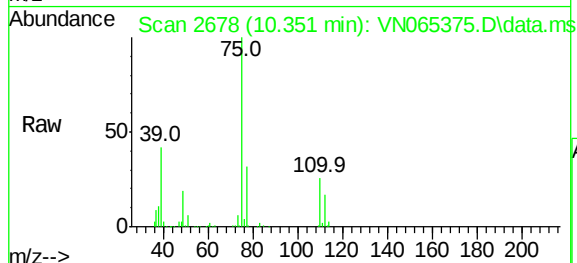
Tgt Ion: 92 Resp: 409327
Ion Ratio Lower Upper
92 100
91 172.6 139.1 208.7





t-1,3-Dichloropropene
Concen: 47.89 ug/l
RT: 10.351 min Scan# 2678
Delta R.T. -0.000 min
Lab File: VN065375.D
Acq: 4 Jan 2021 14:03

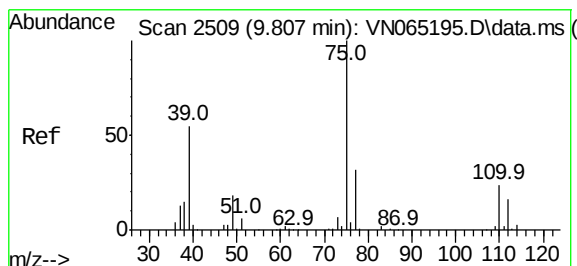
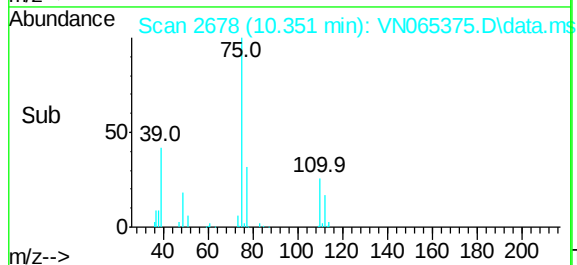
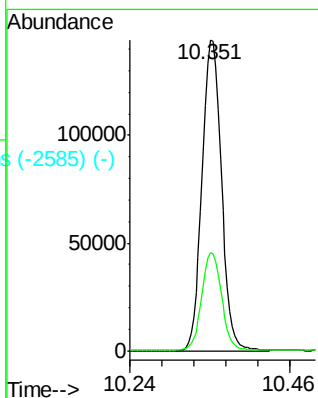
Instrument :
MSVOA_N
ClientSampleId :
MW-3D-123020MSD



Tgt Ion: 75 Resp: 254039
Ion Ratio Lower Upper
75 100
77 31.5 25.8 38.6

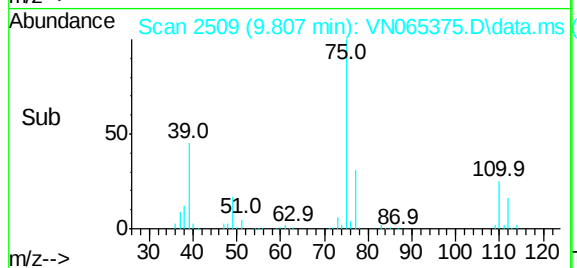
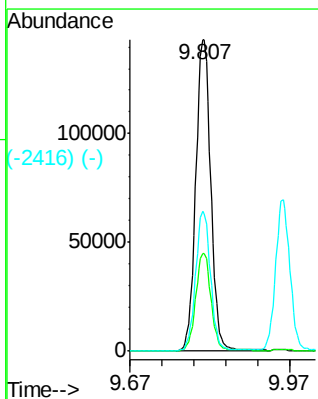
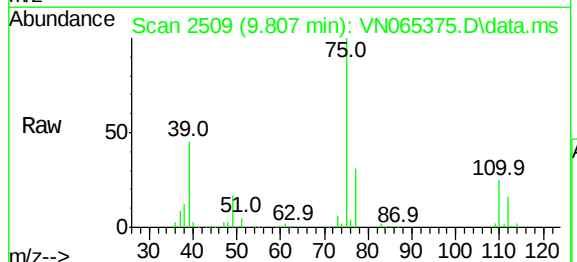
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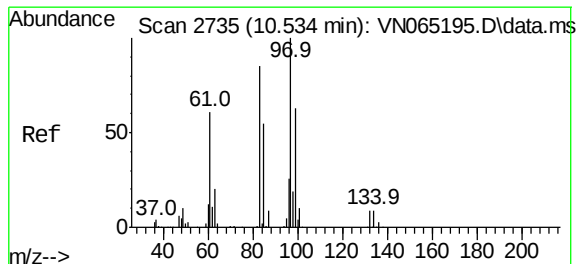
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cis-1,3-Dichloropropene
Concen: 48.24 ug/l
RT: 9.807 min Scan# 2509
Delta R.T. 0.000 min
Lab File: VN065375.D
Acq: 4 Jan 2021 14:03

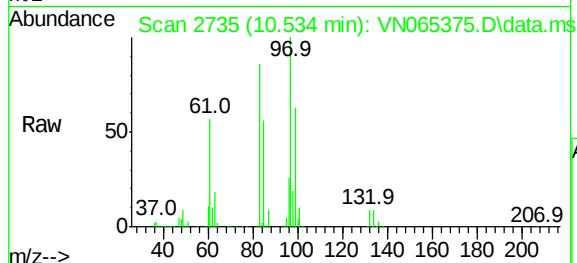
Tgt Ion: 75 Resp: 271905
Ion Ratio Lower Upper
75 100
77 31.3 25.5 38.3
39 45.0 35.6 53.4





#5520 (-)
1,1,2-Trichloroethane
Concen: 51.65 ug/l
RT: 10.534 min Scan# 2735
Delta R.T. -0.000 min
Lab File: VN065375.D
Acq: 4 Jan 2021 14:03

Instrument :
MSVOA_N
ClientSampleId :
MW-3D-123020MSD

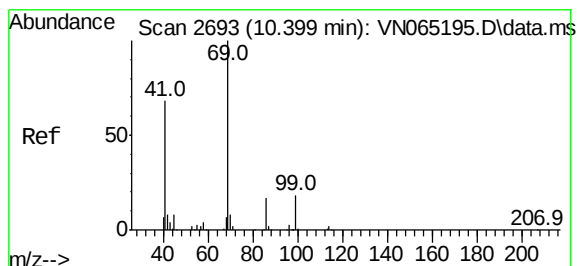
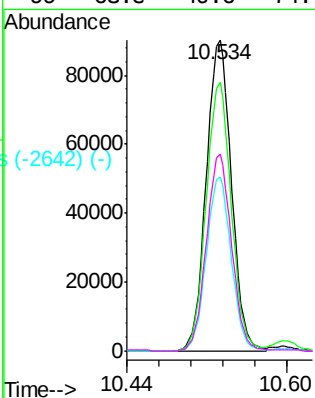
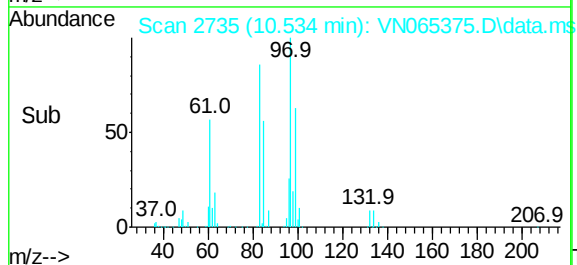


Tgt Ion: 97 Resp: 162864

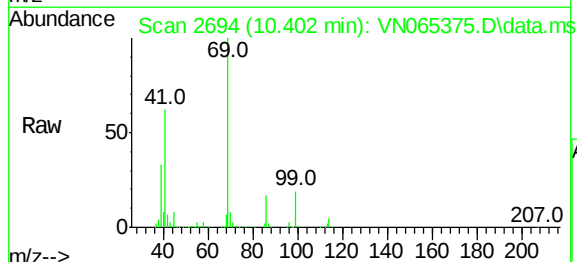
Ion	Ratio	Lower	Upper
97	100		
83	86.3	72.1	108.1
85	56.1	46.8	70.2
99	63.3	49.6	74.4

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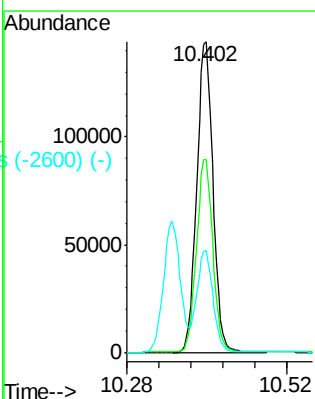
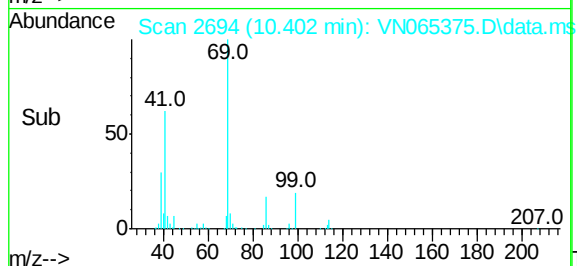


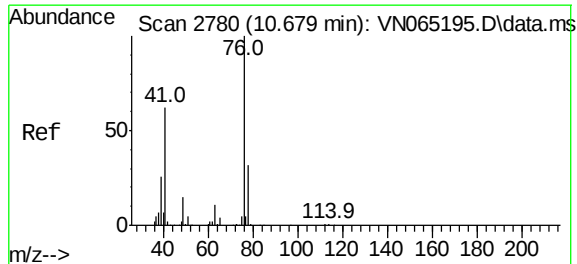
#5679 (-)
Ethyl methacrylate
Concen: 49.57 ug/l
RT: 10.402 min Scan# 2694
Delta R.T. 0.003 min
Lab File: VN065375.D
Acq: 4 Jan 2021 14:03



Tgt Ion: 69 Resp: 242117

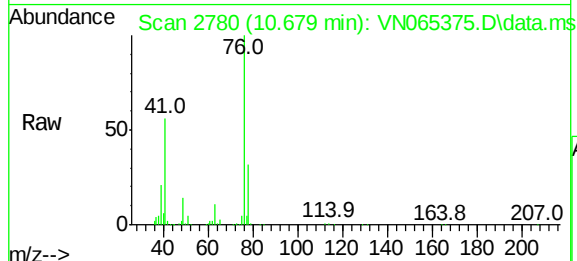
Ion	Ratio	Lower	Upper
69	100		
41	62.0	49.4	74.0
39	33.2	25.9	38.9





#5765 (-)
1,3-Dichloropropane
Concen: 51.90 ug/l
RT: 10.679 min Scan# 2780
Delta R.T. -0.000 min
Lab File: VN065375.D
Acq: 4 Jan 2021 14:03

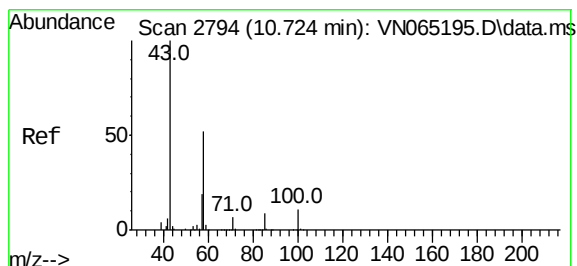
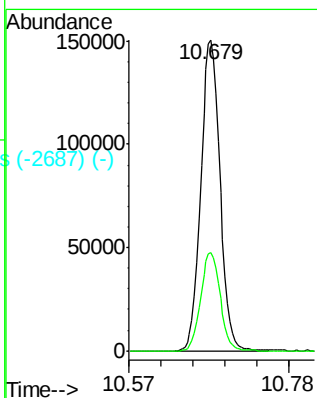
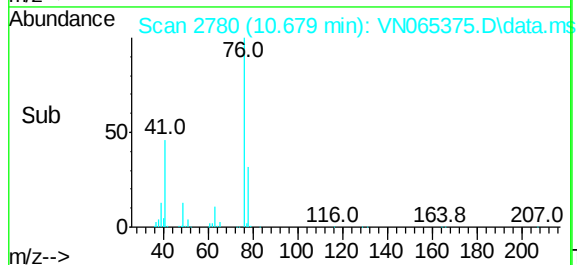
Instrument :
MSVOA_N
ClientSampleId :
MW-3D-123020MSD



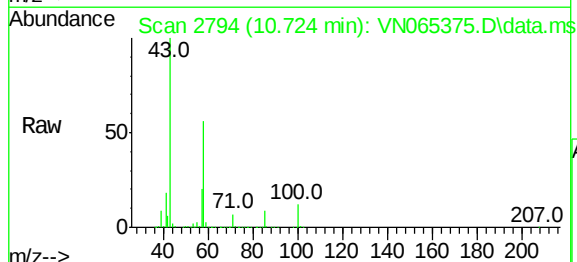
Tgt Ion: 76 Resp: 270019
Ion Ratio Lower Upper
76 100
78 32.3 26.1 39.1

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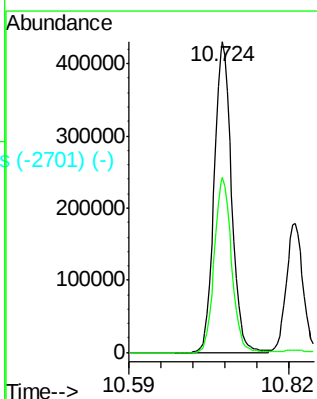
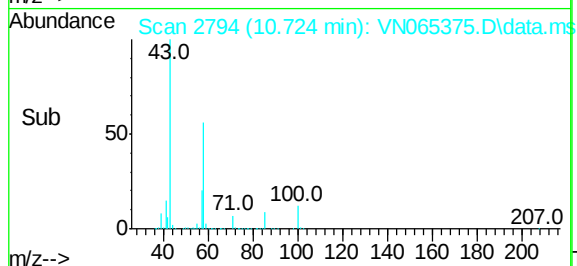
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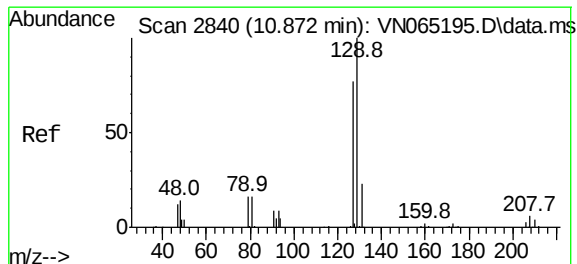


#5777 (-)
2-Hexanone
Concen: 244.55 ug/l
RT: 10.724 min Scan# 2794
Delta R.T. -0.000 min
Lab File: VN065375.D
Acq: 4 Jan 2021 14:03



Tgt Ion: 43 Resp: 733938
Ion Ratio Lower Upper
43 100
58 56.1 28.3 84.9





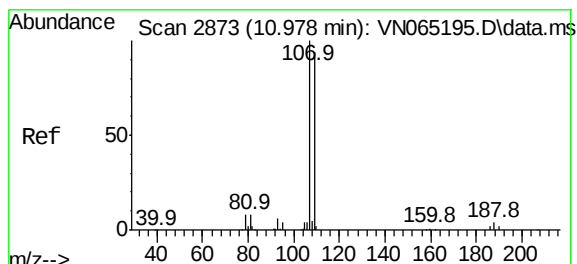
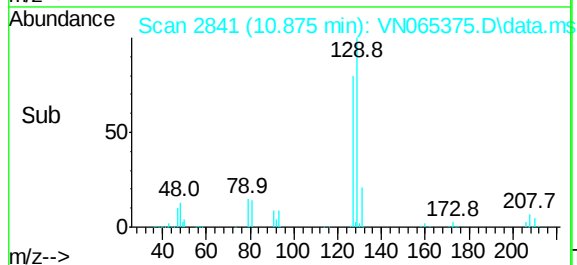
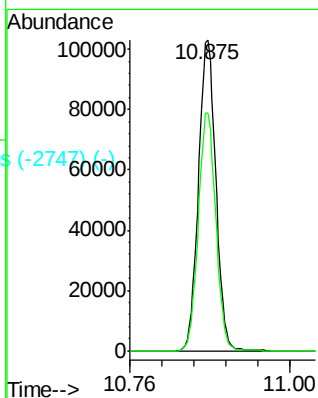
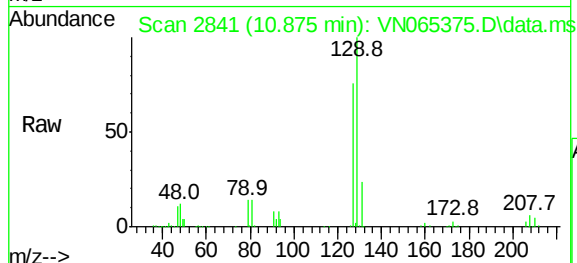
#6026 (-)
Dibromochloromethane
Concen: 49.79 ug/l
RT: 10.875 min Scan# 2841
Delta R.T. 0.003 min
Lab File: VN065375.D
Acq: 4 Jan 2021 14:03

Tgt Ion:129 Resp: 187126
Ion Ratio Lower Upper
129 100
127 77.1 39.1 117.2

Instrument :
MSVOA_N
ClientSampleId :
MW-3D-123020MSD

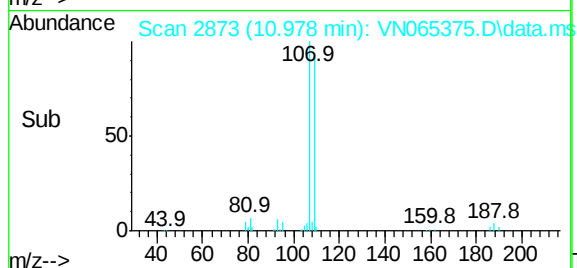
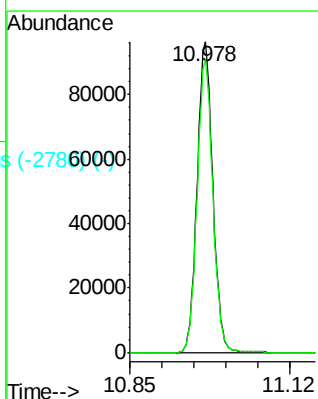
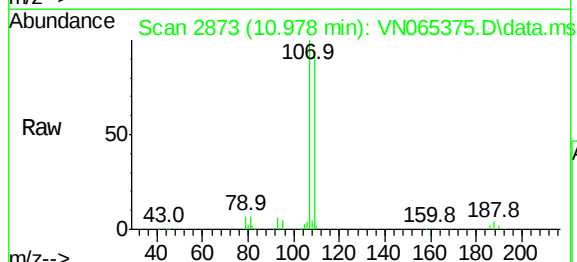
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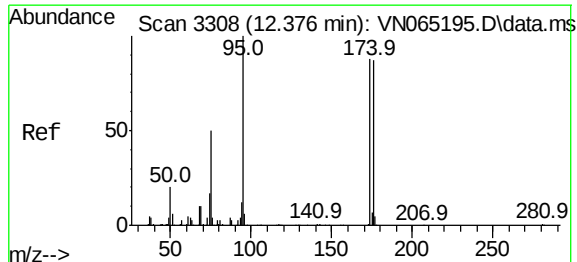
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#6058 (-)
1,2-Dibromoethane
Concen: 51.28 ug/l
RT: 10.978 min Scan# 2873
Delta R.T. -0.000 min
Lab File: VN065375.D
Acq: 4 Jan 2021 14:03

Tgt Ion:107 Resp: 173601
Ion Ratio Lower Upper
107 100
109 94.6 76.0 114.0





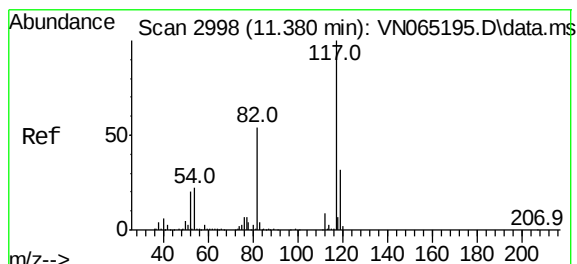
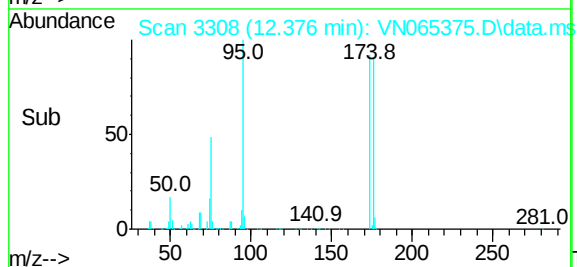
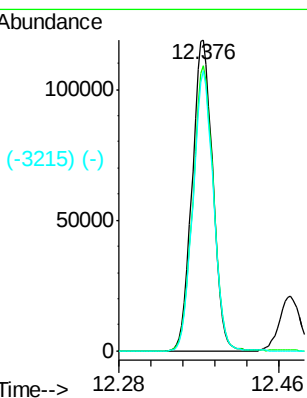
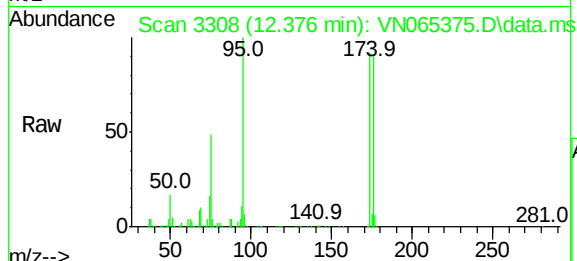
#6294 (-)
4-Bromofluorobenzene
Concen: 47.95 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065375.D
Acq: 4 Jan 2021 14:03

Tgt Ion:	95	Resp:	199471
Ion	Ratio	Lower	Upper
95	100		
174	91.6	0.0	160.4
176	89.1	0.0	158.4

Instrument :
MSVOA_N
ClientSampleId :
MW-3D-123020MSD

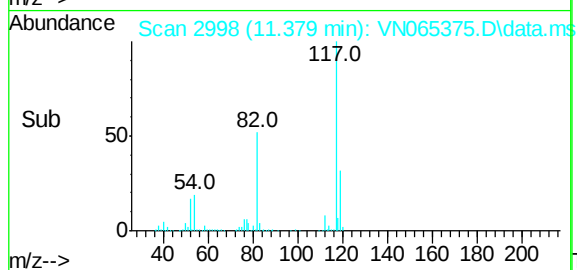
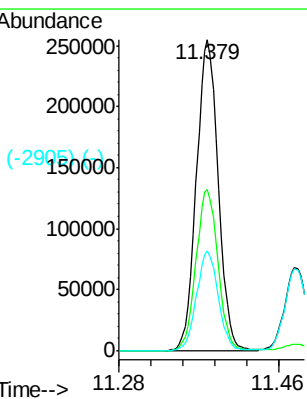
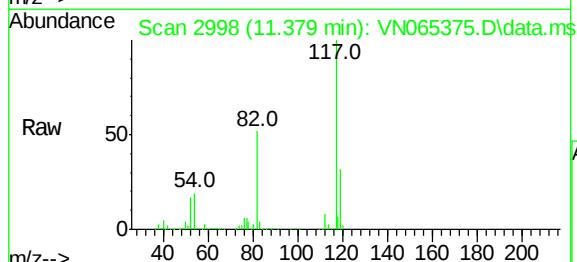
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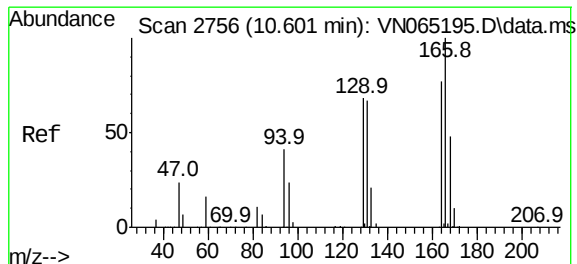
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#6293 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.379 min Scan# 2998
Delta R.T. -0.001 min
Lab File: VN065375.D
Acq: 4 Jan 2021 14:03

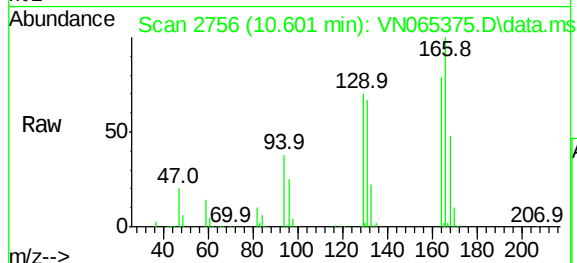
Tgt Ion:	117	Resp:	439398
Ion	Ratio	Lower	Upper
117	100		
82	51.9	44.2	66.2
119	32.1	25.8	38.6





#642 (-)
Tetrachloroethene
Concen: 53.92 ug/l
RT: 10.601 min Scan# 2756
Delta R.T. 0.000 min
Lab File: VN065375.D
Acq: 4 Jan 2021 14:03

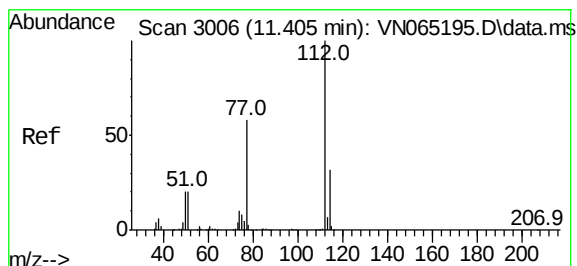
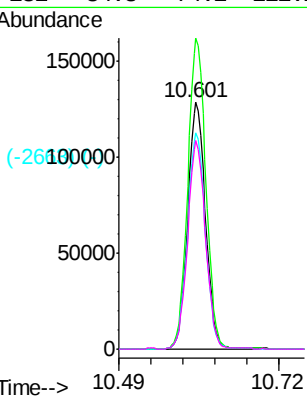
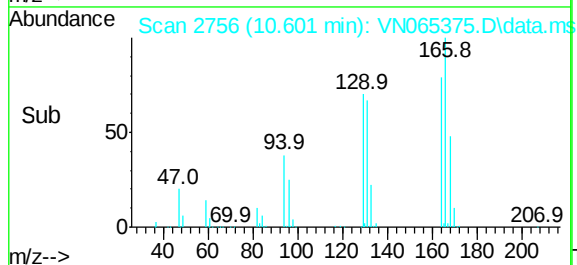
Instrument :
MSVOA_N
ClientSampleId :
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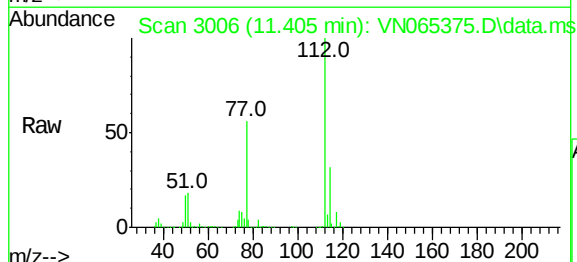
Tgt Ion:	164	Resp:	230084
Ion Ratio	Lower	Upper	
164	100		
166	126.0	101.4	152.0
129	87.8	76.1	114.1
131	84.3	74.2	111.2

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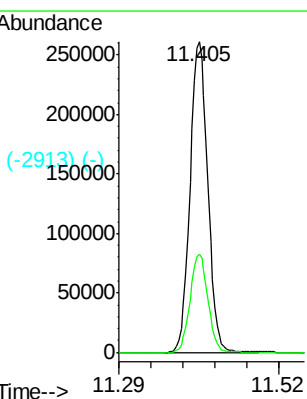
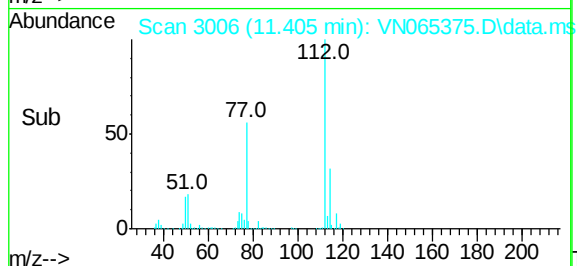
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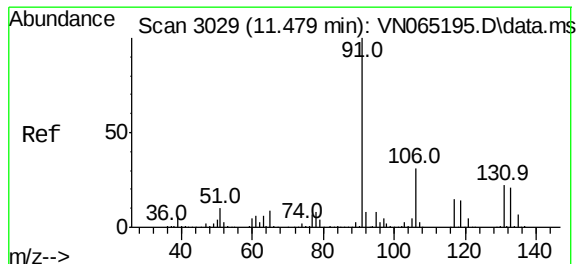


#6591 (-)
Chlorobenzene
Concen: 50.54 ug/l
RT: 11.405 min Scan# 3006
Delta R.T. 0.000 min
Lab File: VN065375.D
Acq: 4 Jan 2021 14:03



Tgt Ion:	112	Resp:	452039
Ion Ratio	Lower	Upper	
112	100		
114	31.8	25.1	37.7





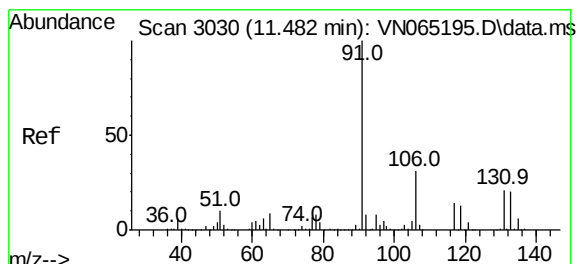
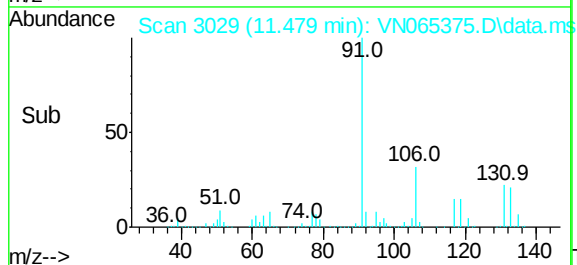
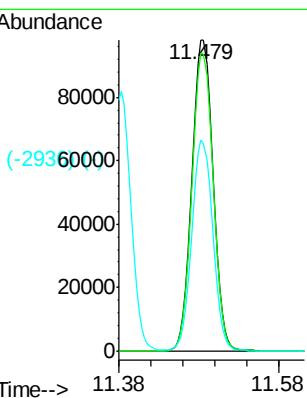
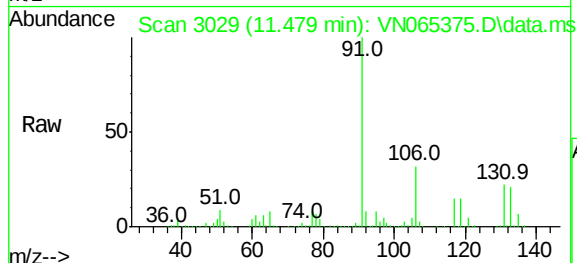
Scan 3029 (11.479 min): VN065195.D\data.ms (#6015) (-)
 1,1,1,2-Tetrachloroethane
 Concen: 49.54 ug/l
 RT: 11.479 min Scan# 3029
 Delta R.T. 0.000 min
 Lab File: VN065375.D
 Acq: 4 Jan 2021 14:03

Tgt Ion:	131	Resp:	172413
Ion	Ratio	Lower	Upper
131	100		
133	96.0	47.5	142.5
119	67.6	33.3	99.8

Instrument :
 MSVOA_N
ClientSampleId :
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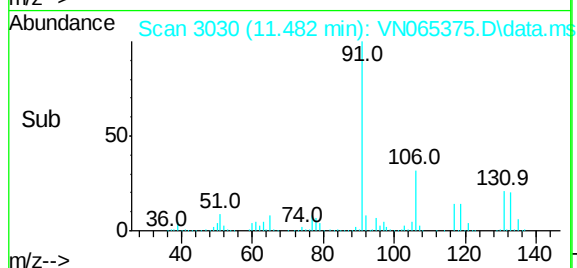
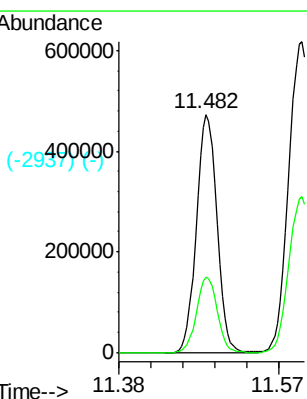
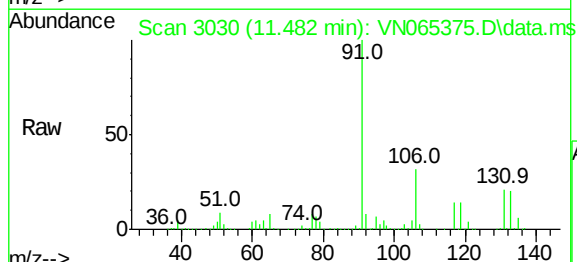
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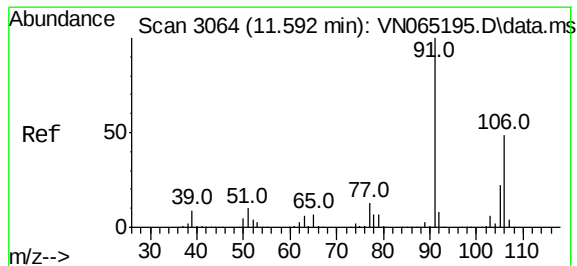
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Scan 3030 (11.482 min): VN065195.D\data.ms (#6015) (-)
 Ethyl Benzene
 Concen: 48.99 ug/l
 RT: 11.482 min Scan# 3030
 Delta R.T. 0.000 min
 Lab File: VN065375.D
 Acq: 4 Jan 2021 14:03

Tgt Ion:	91	Resp:	789571
Ion	Ratio	Lower	Upper
91	100		
106	31.8	25.2	37.8





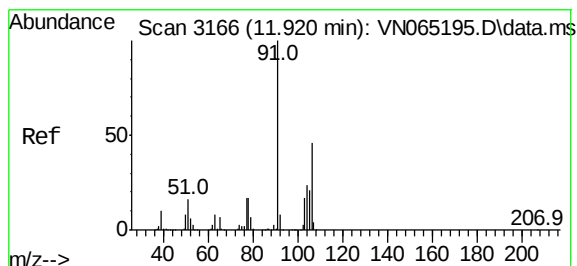
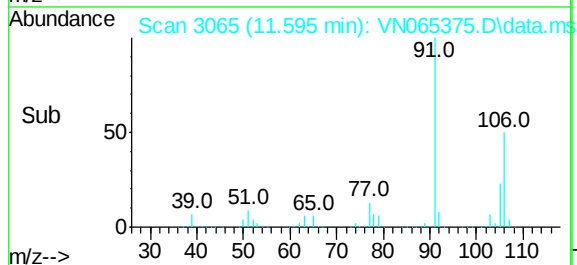
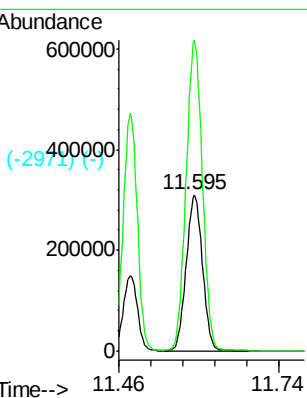
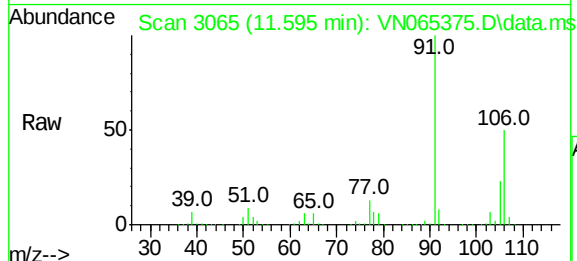
Scan 3064 (11.592 min): VN065195.D\data.ms (#6048) (-)
 m/p-Xylenes
 Concen: 99.78 ug/l
 RT: 11.595 min Scan# 3065
 Delta R.T. 0.003 min
 Lab File: VN065375.D
 Acq: 4 Jan 2021 14:03

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 MSVOA_N
 ClientSampleId :
 MW-3D-123020MSD

Tgt Ion:106 Resp: 605817
 Ion Ratio Lower Upper
 106 100
 91 200.4 161.0 241.4

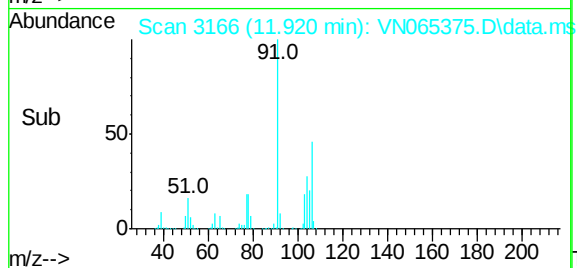
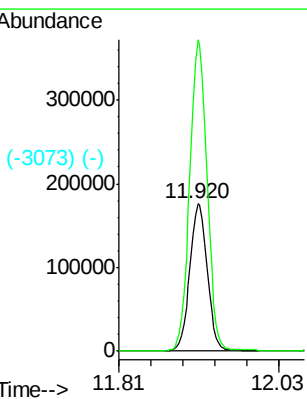
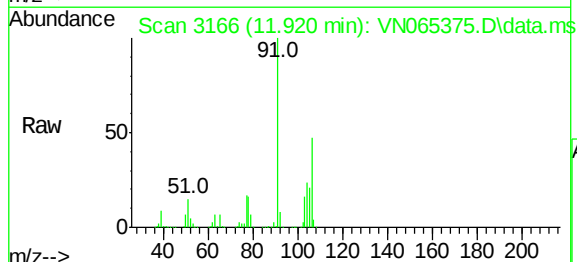
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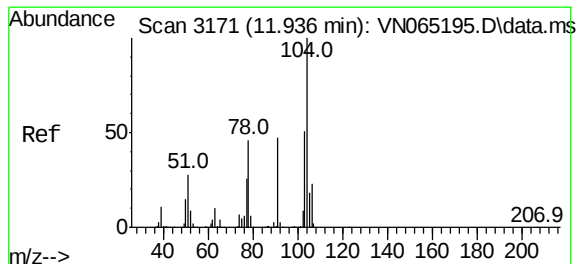
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Scan 3166 (11.920 min): VN065195.D\data.ms (#6052) (-)
 o-Xylene
 Concen: 49.84 ug/l
 RT: 11.920 min Scan# 3166
 Delta R.T. -0.000 min
 Lab File: VN065375.D
 Acq: 4 Jan 2021 14:03

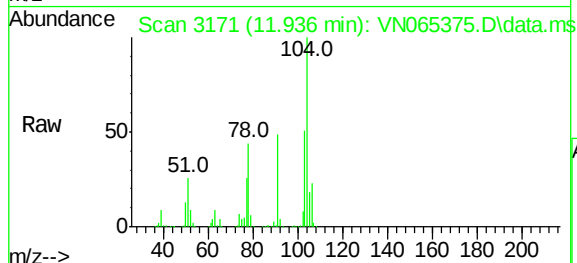
Tgt Ion:106 Resp: 293781
 Ion Ratio Lower Upper
 106 100
 91 211.4 105.5 316.5





#3155 (-)
Styrene
Concen: 50.70 ug/l
RT: 11.936 min Scan# 3171
Delta R.T. -0.000 min
Lab File: VN065375.D
Acq: 4 Jan 2021 14:03

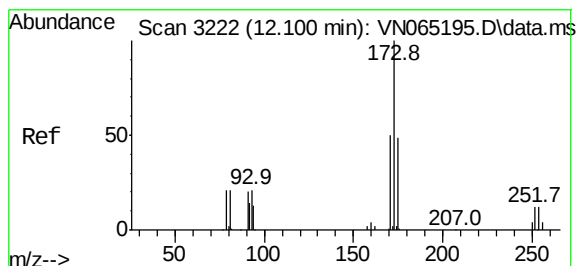
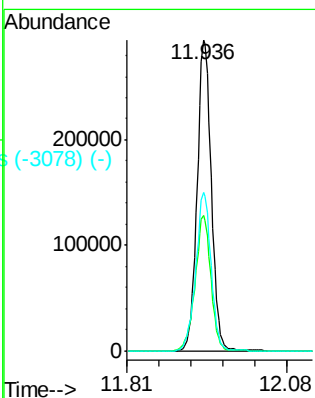
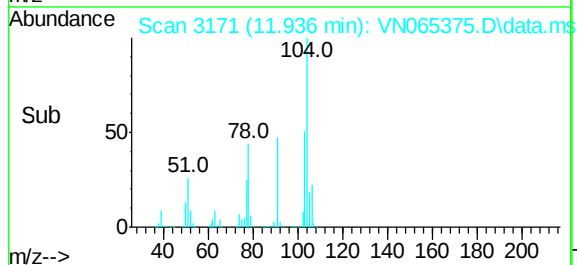
Instrument :
MSVOA_N
ClientSampleId :
MW-3D-123020MSD



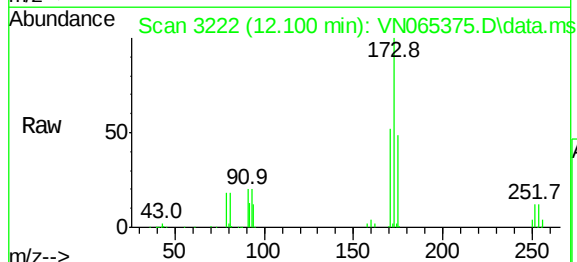
Tgt Ion:104 Resp: 498610
Ion Ratio Lower Upper
104 100
78 48.0 39.0 58.6
103 55.0 44.3 66.5

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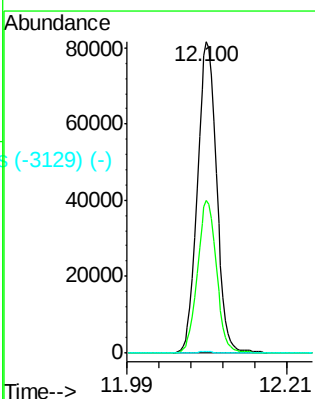
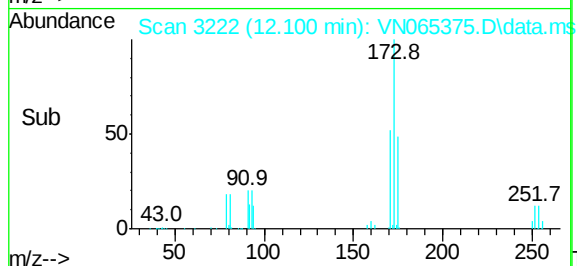
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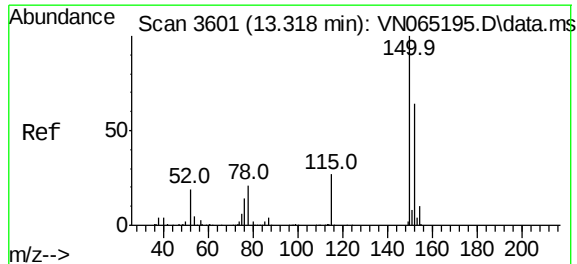


#3208 (-)
Bromoform
Concen: 48.80 ug/l
RT: 12.100 min Scan# 3222
Delta R.T. -0.000 min
Lab File: VN065375.D
Acq: 4 Jan 2021 14:03



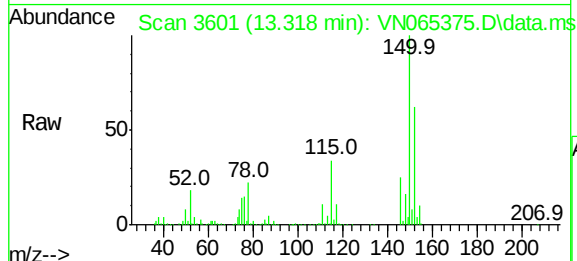
Tgt Ion:173 Resp: 146202
Ion Ratio Lower Upper
173 100
175 48.4 24.3 72.8
254 0.1 0.0 0.0#





#337 (-)
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065375.D
Acq: 4 Jan 2021 14:03

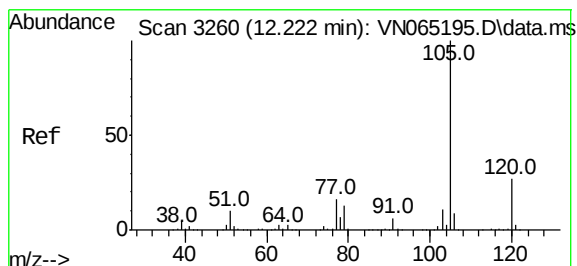
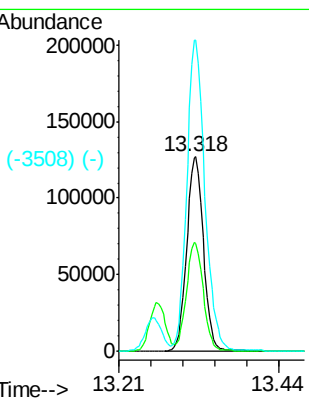
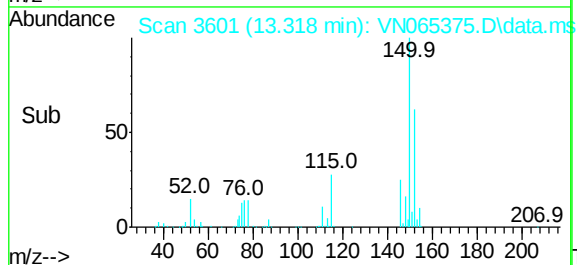
Instrument :
MSVOA_N
ClientSampleId :
MW-3D-123020MSD



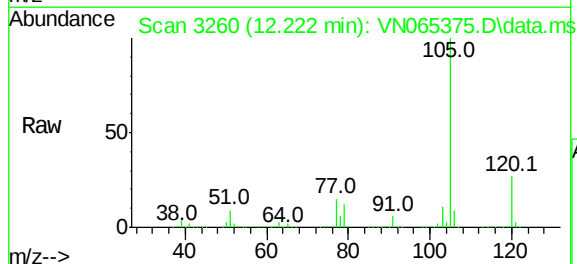
Tgt Ion:152 Resp: 213950
Ion Ratio Lower Upper
152 100
115 56.5 29.7 89.1
150 173.1 0.0 350.6

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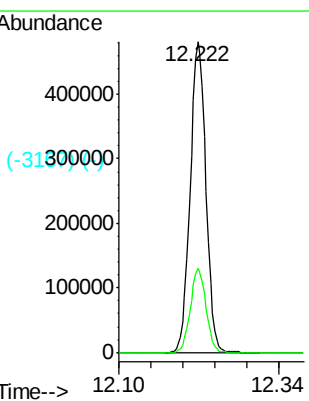
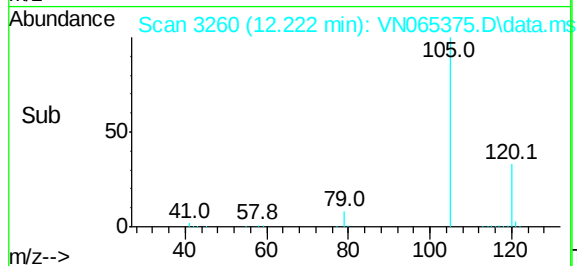
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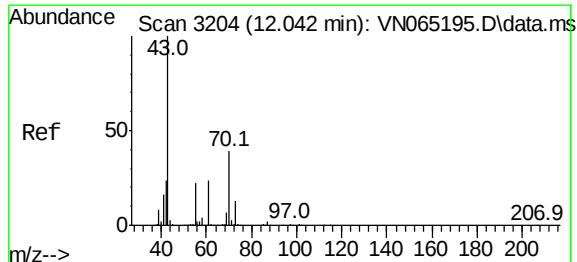


#3245 (-)
Isopropylbenzene
Concen: 47.80 ug/l
RT: 12.222 min Scan# 3260
Delta R.T. -0.000 min
Lab File: VN065375.D
Acq: 4 Jan 2021 14:03



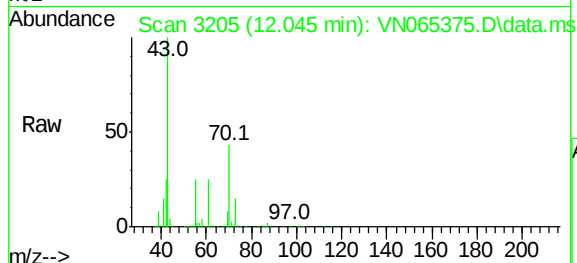
Tgt Ion:105 Resp: 778842
Ion Ratio Lower Upper
105 100
120 26.9 13.3 39.9





#3190 (-)
N-ethyl acetate
Concen: 45.36 ug/l
RT: 12.045 min Scan# 3205
Delta R.T. 0.003 min
Lab File: VN065375.D
Acq: 4 Jan 2021 14:03

Instrument :
MSVOA_N
ClientSampleId :
MW-3D-123020MSD

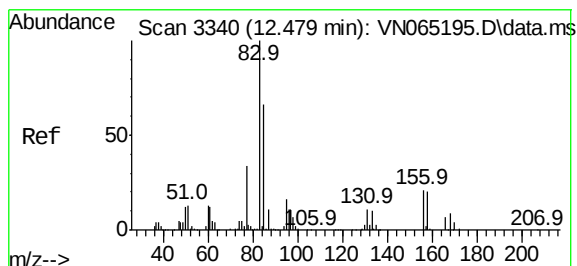
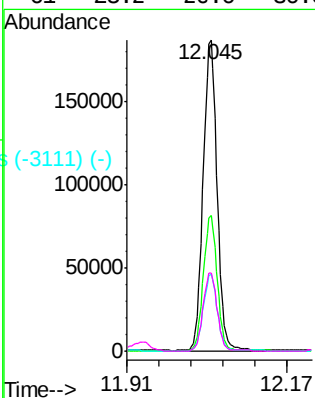
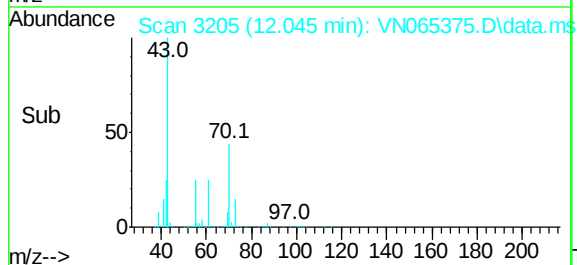


Tgt Ion: 43 Resp: 294327

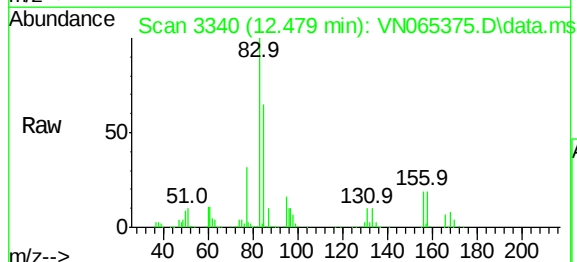
Ion	Ratio	Lower	Upper
43	100		
70	43.3	34.5	51.7
55	24.7	20.4	30.6
61	25.2	20.0	30.0

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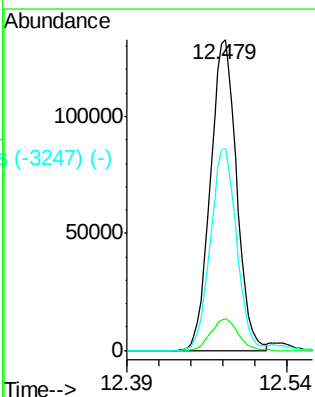
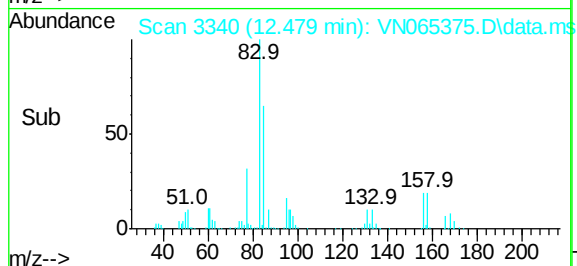


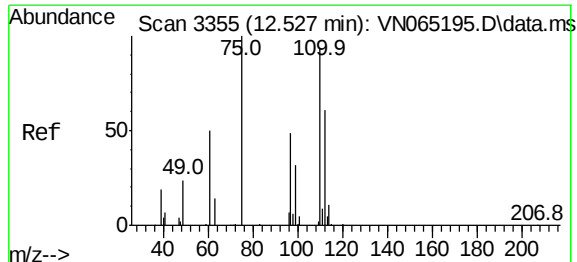
#3325 (-)
1,1,2,2-Tetrachloroethane
Concen: 51.29 ug/l
RT: 12.479 min Scan# 3340
Delta R.T. 0.000 min
Lab File: VN065375.D
Acq: 4 Jan 2021 14:03



Tgt Ion: 83 Resp: 225354

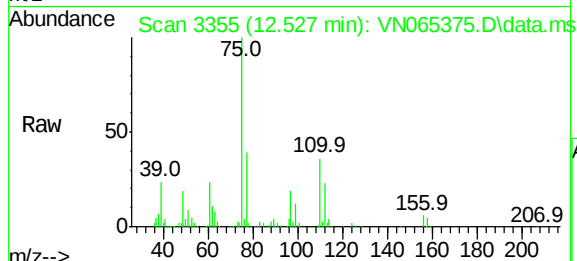
Ion	Ratio	Lower	Upper
83	100		
131	10.6	5.1	15.3
85	64.8	33.0	99.0





#3350 (-)
1,2,3-Trichloropropane
Concen: 49.99 ug/l m
RT: 12.527 min Scan# 3355
Delta R.T. 0.000 min
Lab File: VN065375.D
Acq: 4 Jan 2021 14:03

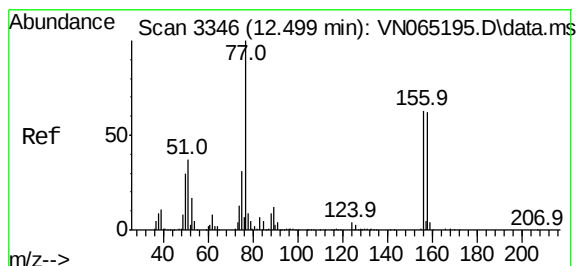
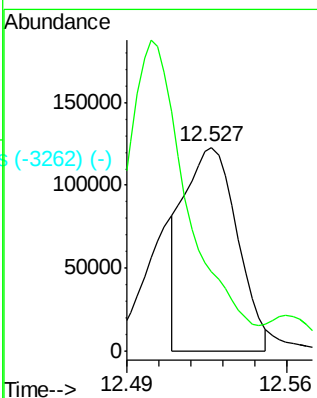
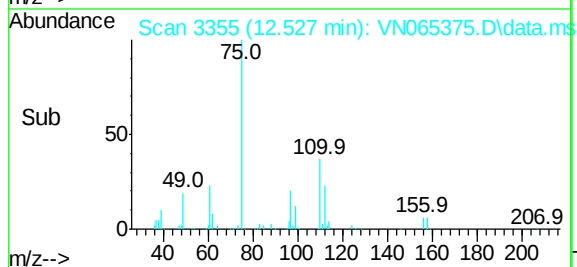
Instrument :
MSVOA_N
ClientSampleId :
MW-3D-123020MSD



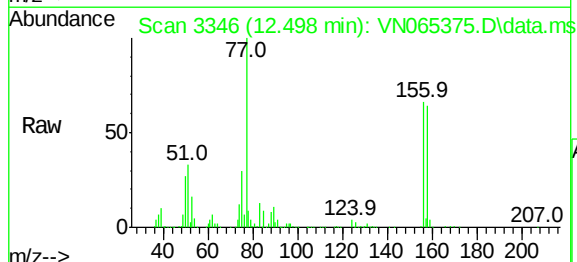
Tgt Ion: 75 Resp: 218189
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

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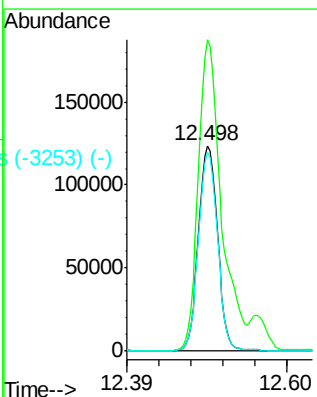
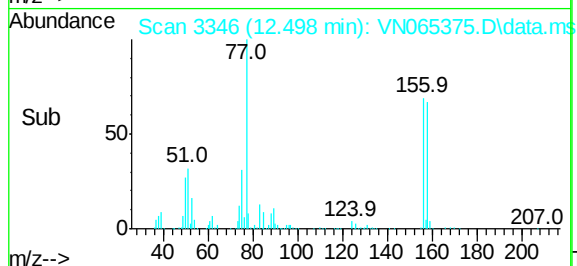
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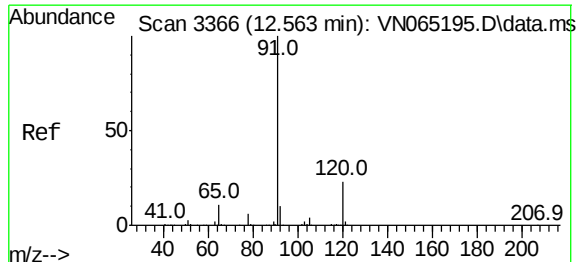


#3332 (-)
Bromobenzene
Concen: 50.16 ug/l
RT: 12.498 min Scan# 3346
Delta R.T. -0.001 min
Lab File: VN065375.D
Acq: 4 Jan 2021 14:03



Tgt Ion:156 Resp: 213597
Ion Ratio Lower Upper
156 100
77 183.3 101.3 303.7
158 96.6 48.2 144.6

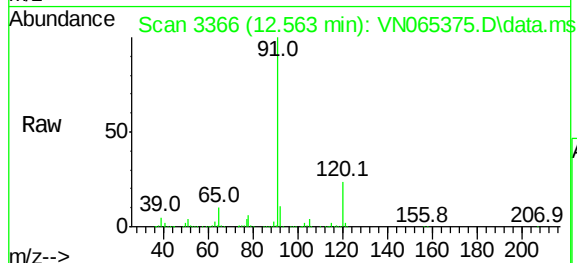




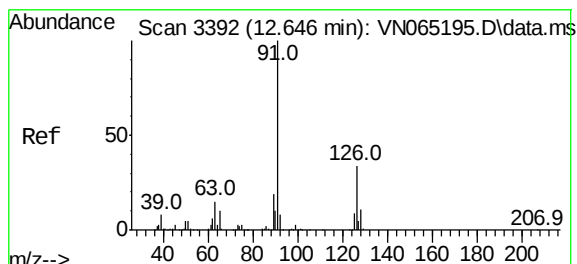
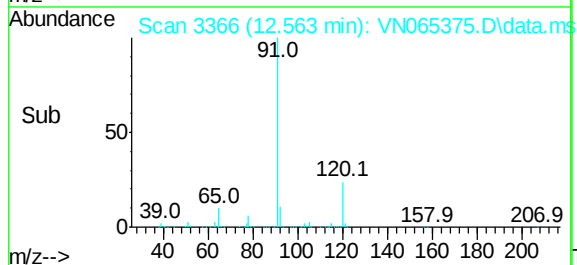
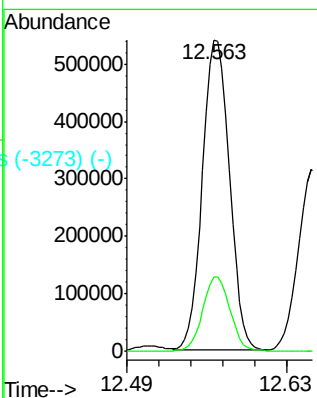
#785 (-)
n-propylbenzene
Concen: 47.39 ug/l
RT: 12.563 min Scan# 3366
Delta R.T. -0.000 min
Lab File: VN065375.D
Acq: 4 Jan 2021 14:03

Instrument :
MSVOA_N
ClientSampleId :
MW-3D-123020MSD

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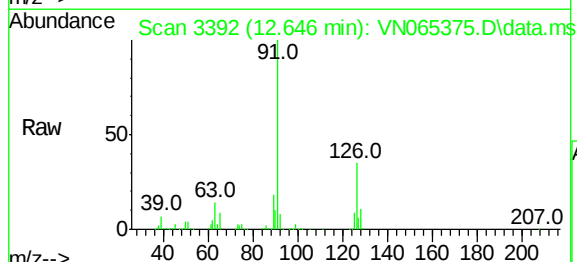
Tgt Ion: 91 Resp: 871768
Ion Ratio Lower Upper
91 100
120 23.9 11.6 34.7



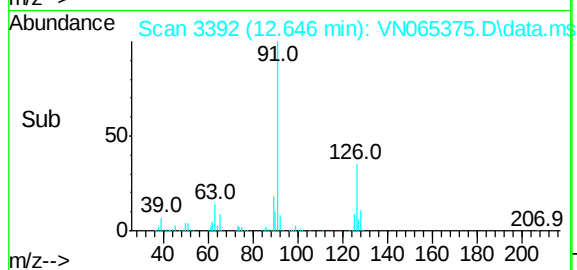
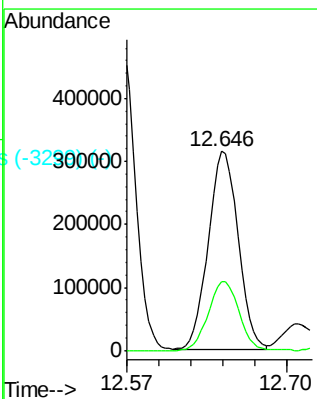
#780 (-)
2-Chlorotoluene
Concen: 48.38 ug/l
RT: 12.646 min Scan# 3392
Delta R.T. 0.000 min
Lab File: VN065375.D
Acq: 4 Jan 2021 14:03

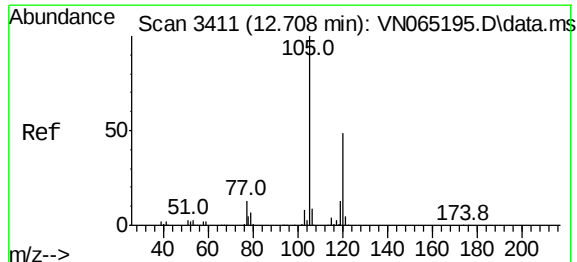
Instrument :
MSVOA_N
ClientSampleId :
MW-3D-123020MSD

Manual Integrations
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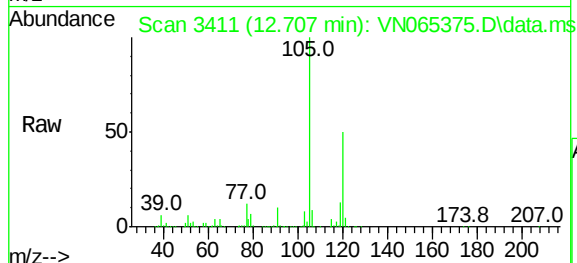
Tgt Ion: 91 Resp: 524094
Ion Ratio Lower Upper
91 100
126 35.5 17.2 51.6





#894 (-)
1,3,5-Trimethylbenzene
Concen: 47.88 ug/l
RT: 12.707 min Scan# 3411
Delta R.T. -0.001 min
Lab File: VN065375.D
Acq: 4 Jan 2021 14:03

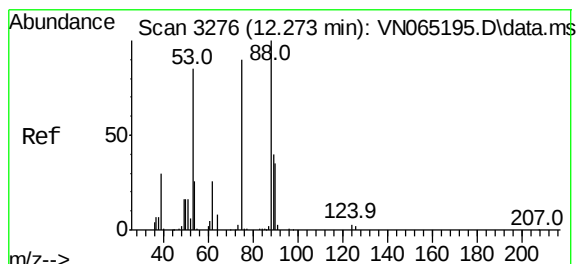
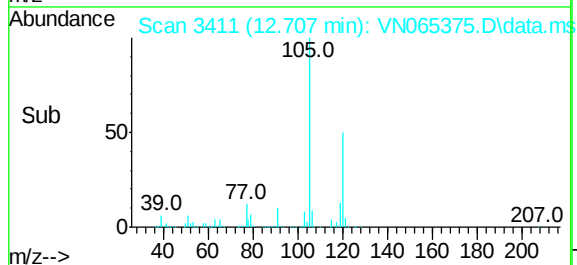
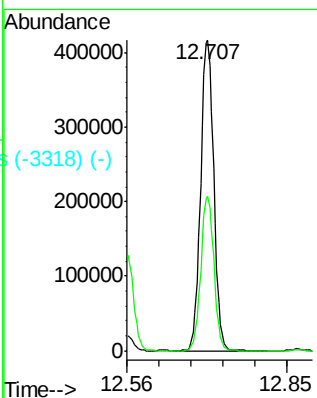
Instrument :
MSVOA_N
ClientSampleId :
MW-3D-123020MSD



Tgt Ion: 105 Resp: 665344
Ion Ratio Lower Upper
105 100
120 49.5 24.6 73.6

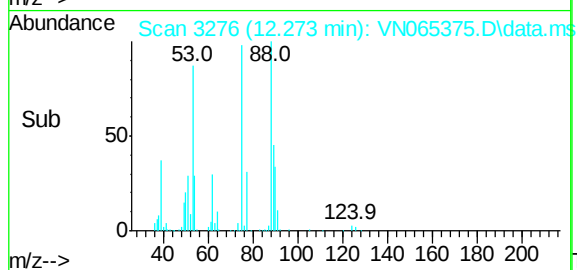
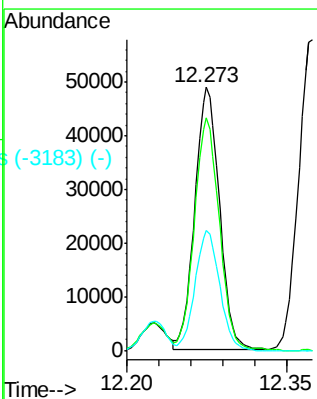
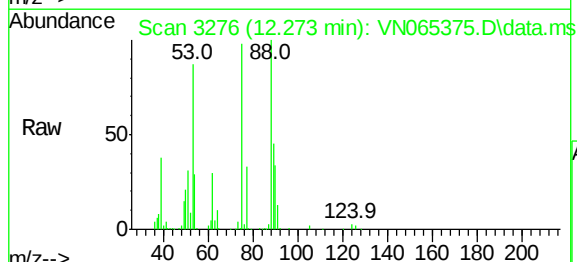
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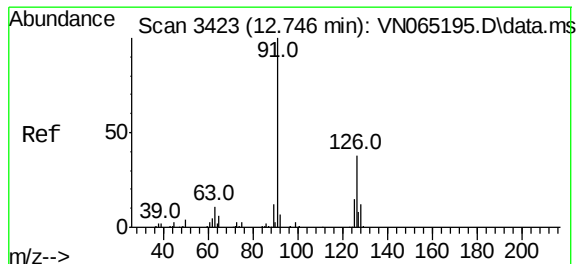
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#8266 (-)
trans-1,4-Dichloro-2-butene
Concen: 46.30 ug/l
RT: 12.273 min Scan# 3276
Delta R.T. 0.000 min
Lab File: VN065375.D
Acq: 4 Jan 2021 14:03

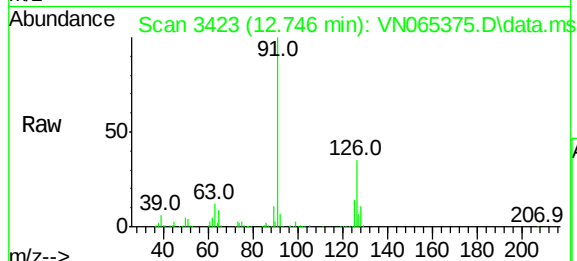
Tgt Ion: 75 Resp: 80154
Ion Ratio Lower Upper
75 100
53 90.9 67.0 100.4
89 45.9 39.6 59.4





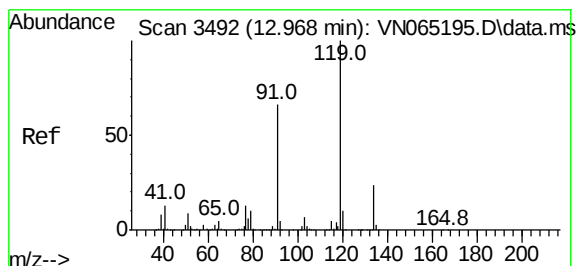
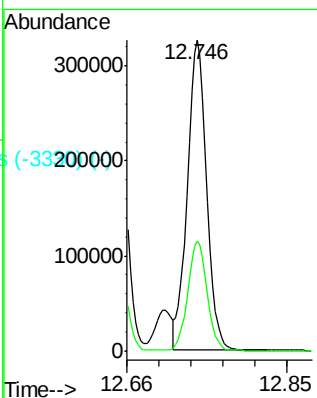
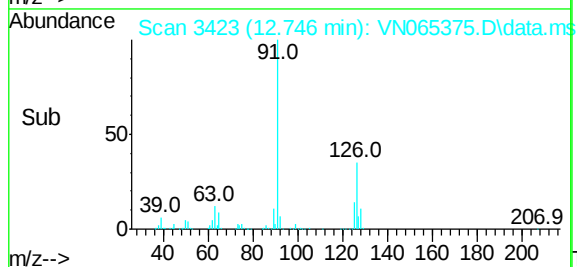
#8214 (-)
4-Chlorotoluene
Concen: 48.03 ug/l
RT: 12.746 min Scan# 3423
Delta R.T. -0.000 min
Lab File: VN065375.D
Acq: 4 Jan 2021 14:03

Instrument :
MSVOA_N
ClientSampleId :
MW-3D-123020MSD

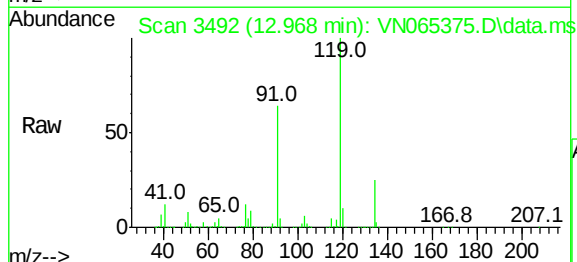


Tgt Ion: 91 Resp: 535789
Ion Ratio Lower Upper
91 100
126 35.6 16.9 50.7

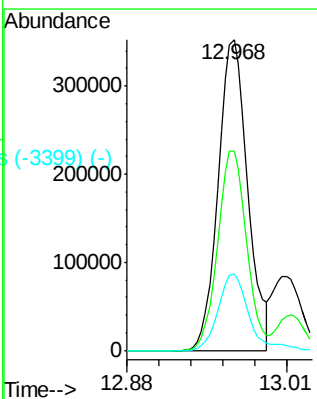
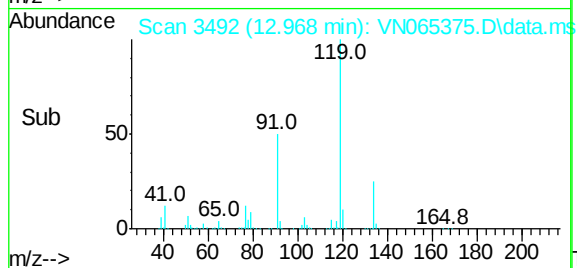
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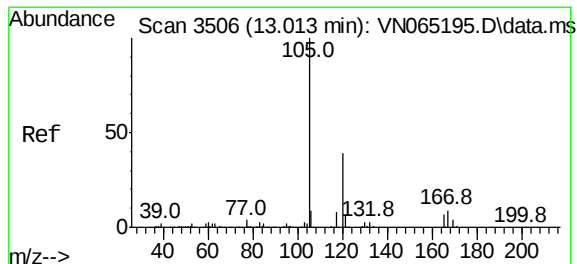


#8277 (-)
tert-Butylbenzene
Concen: 48.47 ug/l
RT: 12.968 min Scan# 3492
Delta R.T. -0.000 min
Lab File: VN065375.D
Acq: 4 Jan 2021 14:03



Tgt Ion: 119 Resp: 573841
Ion Ratio Lower Upper
119 100
91 63.4 32.3 96.8
134 25.7 12.6 37.6



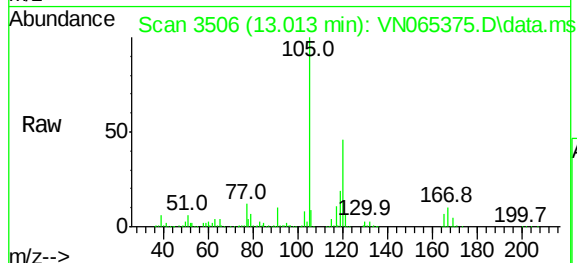


#8494 (-)
 1,2,4-Trimethylbenzene
 Concen: 48.76 ug/l
 RT: 13.013 min Scan# 3506
 Delta R.T. -0.000 min
 Lab File: VN065375.D
 Acq: 4 Jan 2021 14:03

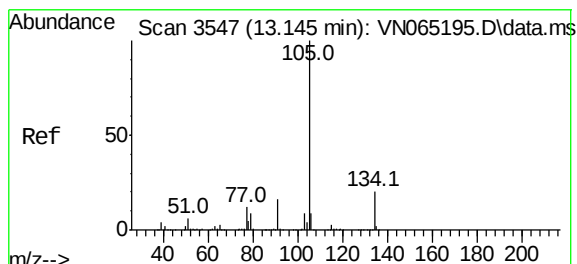
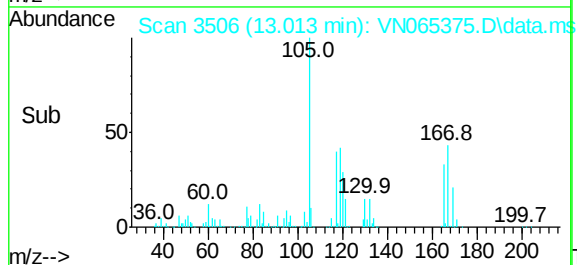
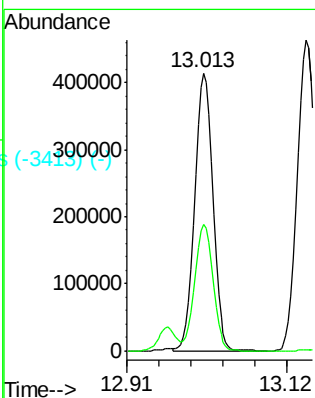
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3D-123020MSD

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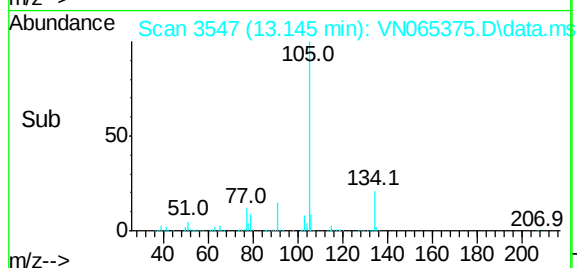
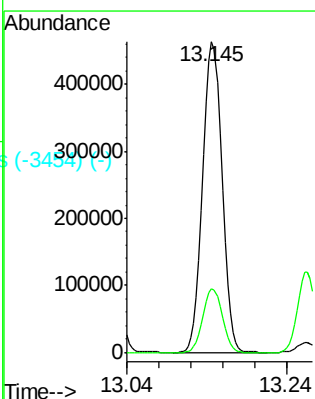
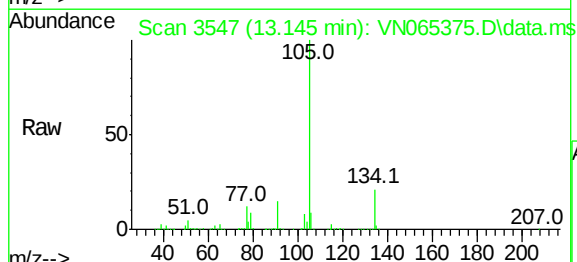


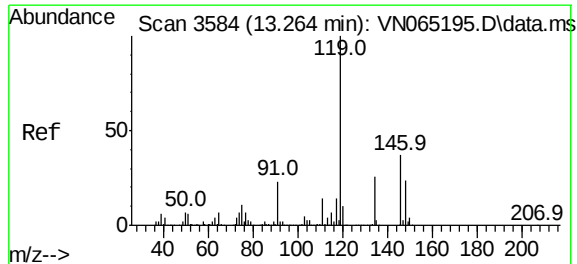
Tgt Ion:105 Resp: 659696
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.1 69.2



#8532 (-)
 sec-Butylbenzene
 Concen: 47.68 ug/l
 RT: 13.145 min Scan# 3547
 Delta R.T. -0.000 min
 Lab File: VN065375.D
 Acq: 4 Jan 2021 14:03

Tgt Ion:105 Resp: 748887
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.1 30.1





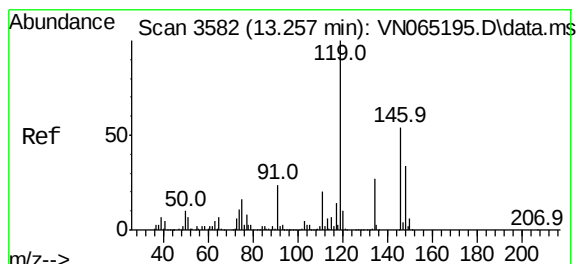
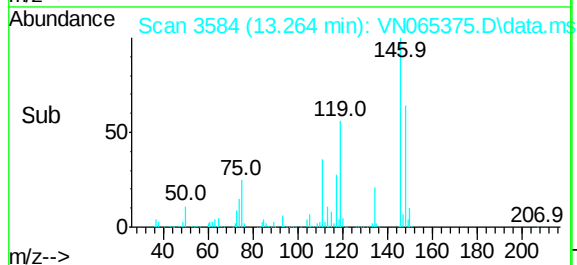
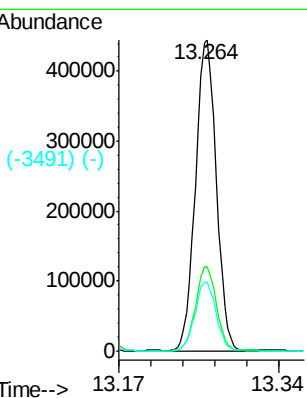
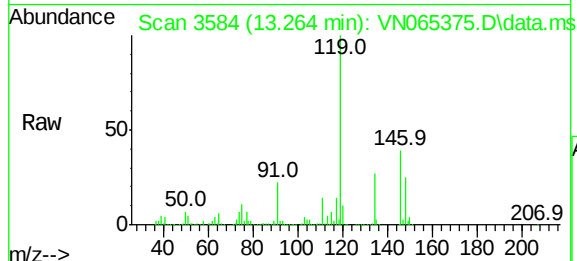
#8670 (-)
p-Isopropyltoluene
Concen: 48.03 ug/l
RT: 13.264 min Scan# 3584
Delta R.T. -0.000 min
Lab File: VN065375.D
Acq: 4 Jan 2021 14:03

Tgt Ion:	119	Resp:	691599
Ion Ratio	Lower	Upper	
119	100		
134	27.0	13.1	39.1
91	22.3	11.5	34.5

Instrument :
MSVOA_N
ClientSampleId :
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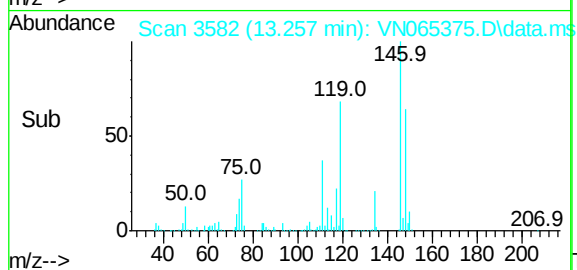
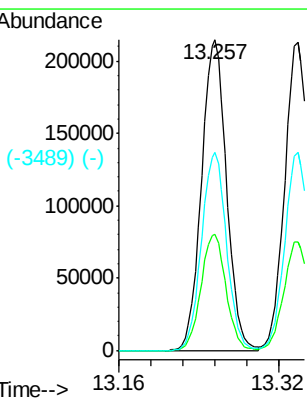
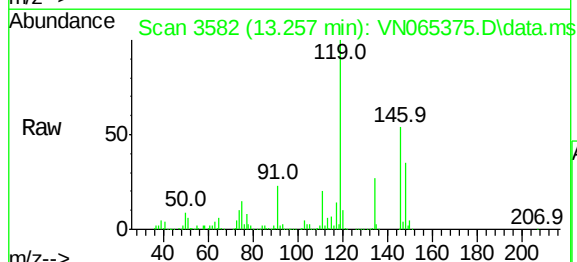
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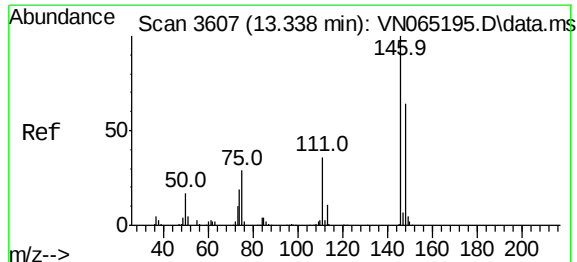
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#867 (-)
1,3-Dichlorobenzene
Concen: 50.75 ug/l
RT: 13.257 min Scan# 3582
Delta R.T. 0.000 min
Lab File: VN065375.D
Acq: 4 Jan 2021 14:03

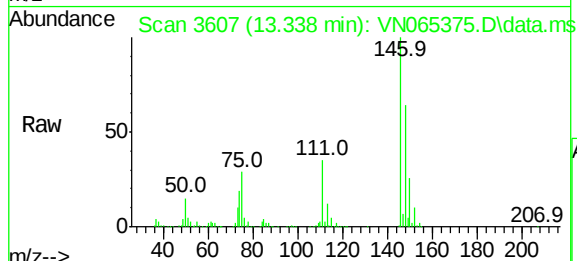
Tgt Ion:	146	Resp:	361441
Ion Ratio	Lower	Upper	
146	100		
111	37.6	20.6	61.9
148	64.0	31.9	95.5





Scan 3607 (13.338 min): VN065195.D\data.ms (-3514) (-)
 1,4-Dichlorobenzene
 Concen: 49.93 ug/l
 RT: 13.338 min Scan# 3607
 Delta R.T. -0.000 min
 Lab File: VN065375.D
 Acq: 4 Jan 2021 14:03

Instrument :
 MSVOA_N
ClientSampleId :
 MW-3D-123020MSD

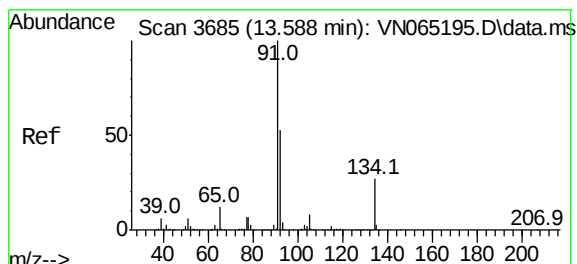
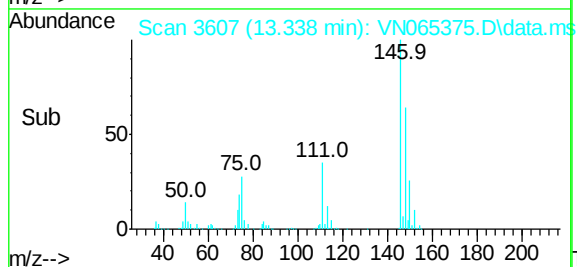
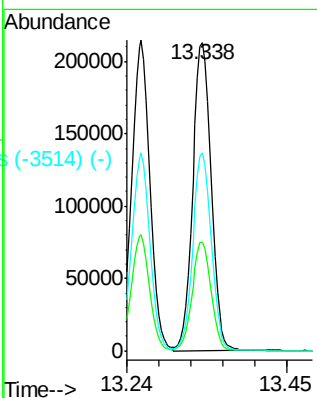


Tgt Ion: 146 Resp: 356954

Ion	Ratio	Lower	Upper
146	100		
111	35.9	19.8	59.3
148	64.5	31.9	95.5

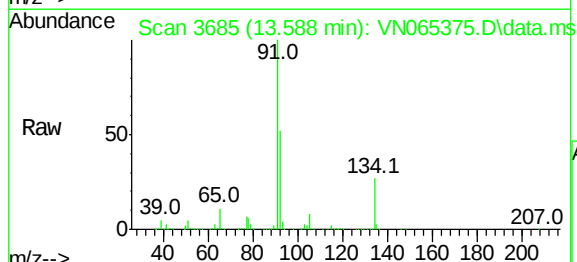
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Scan 3685 (13.588 min): VN065195.D\data.ms (-3592) (-)
 n-Butylbenzene
 Concen: 46.36 ug/l
 RT: 13.588 min Scan# 3685
 Delta R.T. 0.000 min
 Lab File: VN065375.D
 Acq: 4 Jan 2021 14:03

Instrument :
 MSVOA_N
ClientSampleId :
 MW-3D-123020MSD

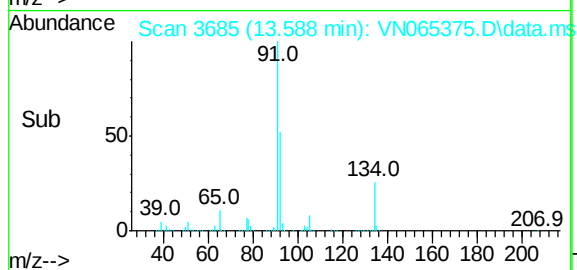
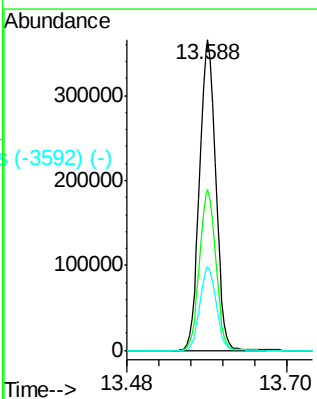


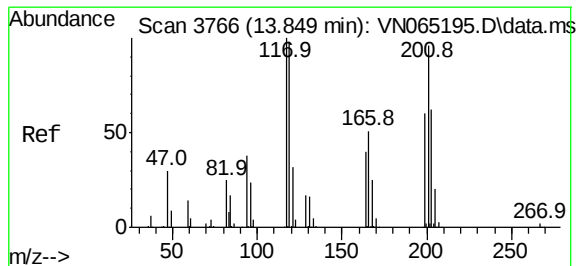
Tgt Ion: 91 Resp: 570527

Ion	Ratio	Lower	Upper
91	100		
92	52.0	26.0	78.0
134	27.1	12.9	38.6

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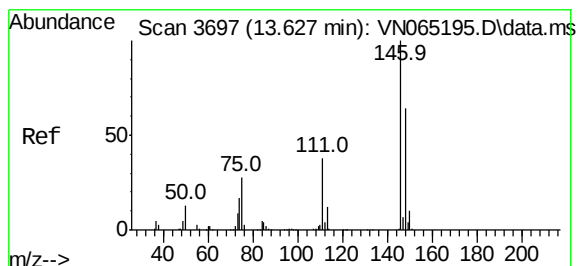
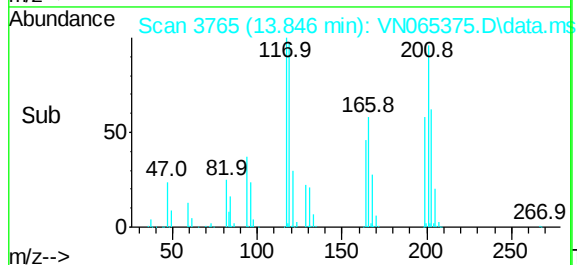
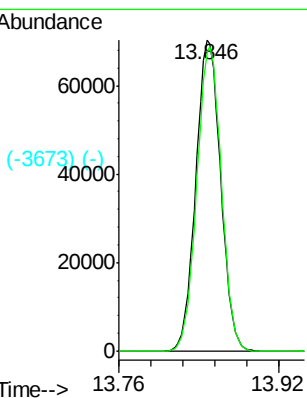
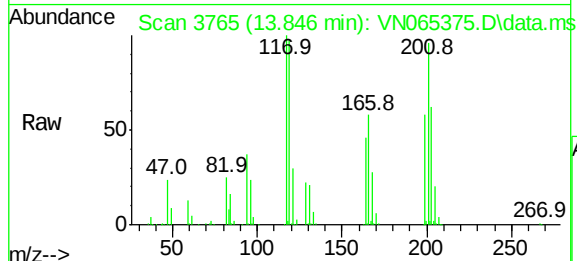
#9052 (-)
Hexachloroethane
Concen: 48.93 ug/l
RT: 13.846 min Scan# 3765
Delta R.T. -0.003 min
Lab File: VN065375.D
Acq: 4 Jan 2021 14:03

Tgt Ion:117 Resp: 121117
Ion Ratio Lower Upper
117 100
201 96.8 40.1 120.3

Instrument :
MSVOA_N
ClientSampleId :
MW-3D-123020MSD

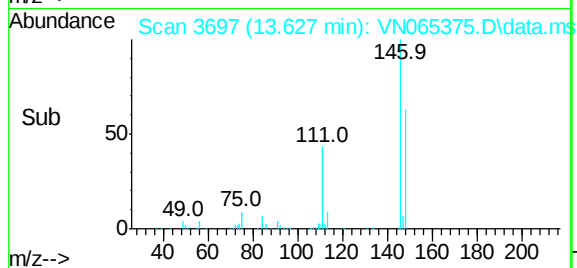
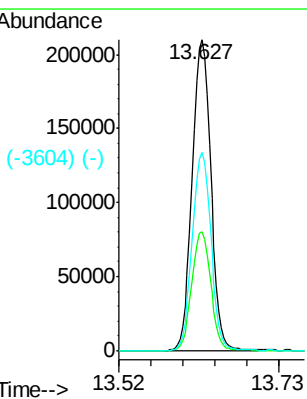
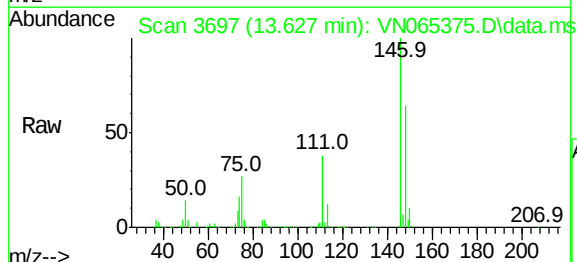
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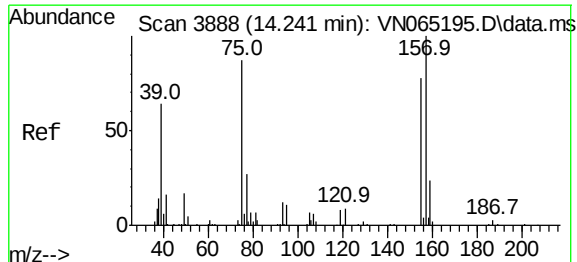
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#9082 (-)
1,2-Dichlorobenzene
Concen: 52.01 ug/l
RT: 13.627 min Scan# 3697
Delta R.T. -0.000 min
Lab File: VN065375.D
Acq: 4 Jan 2021 14:03

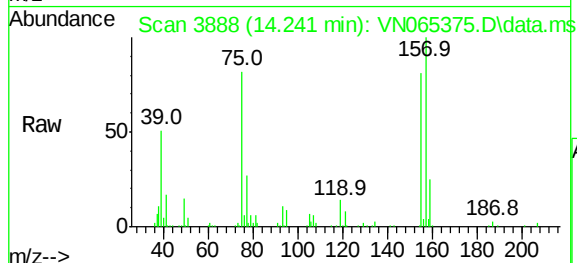
Tgt Ion:146 Resp: 355764
Ion Ratio Lower Upper
146 100
111 38.8 21.1 63.1
148 64.1 32.0 96.2





Scan 3888 (14.241 min): VN065195.D\data.ms (#9276) (-)
 1,2-Dibromo-3-Chloropropane
 Concen: 49.12 ug/l
 RT: 14.241 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VN065375.D
 Acq: 4 Jan 2021 14:03

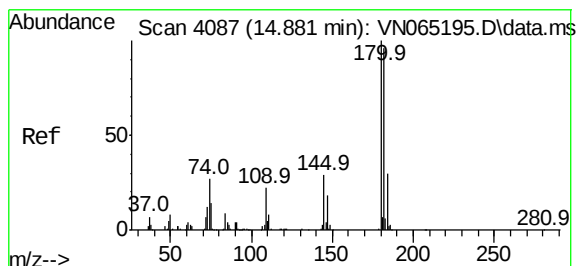
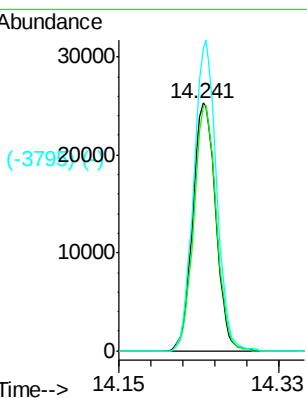
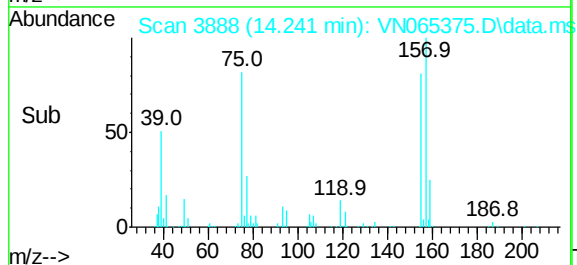
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3D-123020MSD



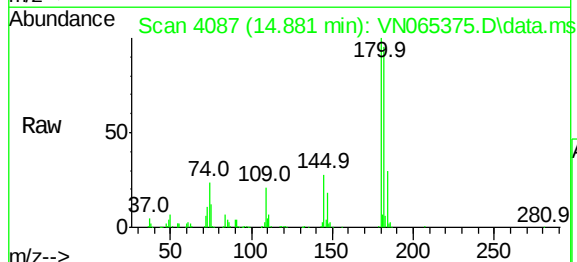
Tgt Ion:	75	Resp:	44460
Ion Ratio	Lower	Upper	
75	100		
155	97.0	42.8	128.3
157	124.0	56.4	169.1

Manual Integrations
 APPROVED

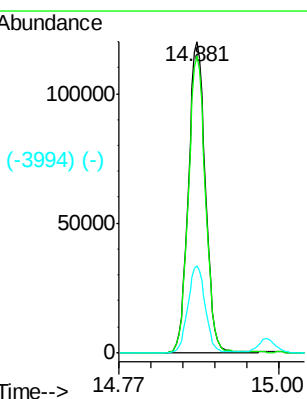
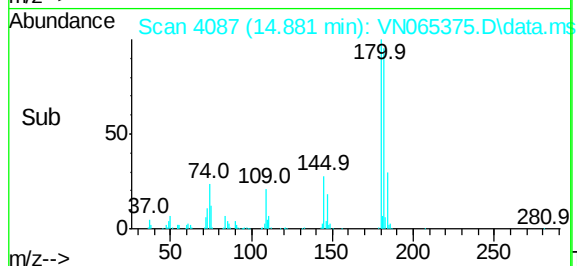
MMDadoda
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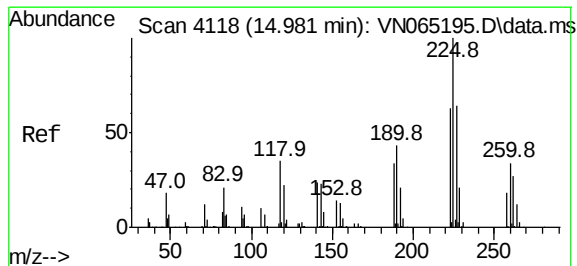


Scan 4087 (14.881 min): VN065195.D\data.ms (#9273) (-)
 1,2,4-Trichlorobenzene
 Concen: 47.22 ug/l
 RT: 14.881 min Scan# 4087
 Delta R.T. -0.000 min
 Lab File: VN065375.D
 Acq: 4 Jan 2021 14:03



Tgt Ion:	180	Resp:	199317
Ion Ratio	Lower	Upper	
180	100		
182	95.7	47.6	142.9
145	28.3	15.3	45.8





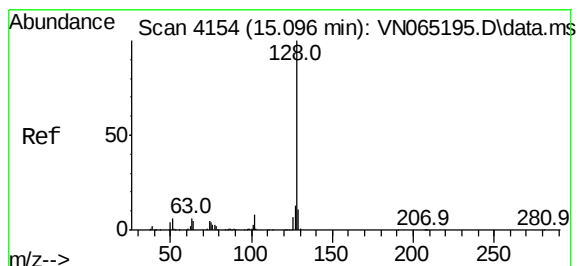
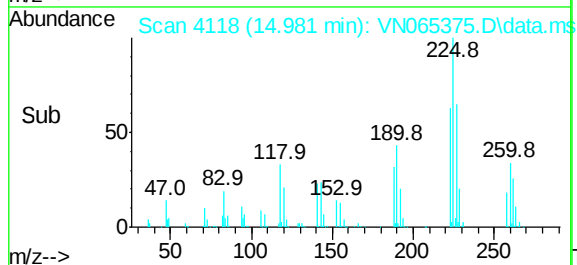
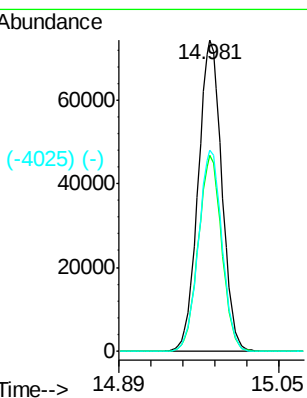
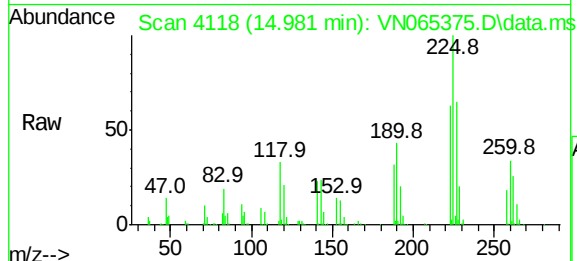
#4114 (-)
Hexachlorobutadiene
Concen: 45.07 ug/l
RT: 14.981 min Scan# 4118
Delta R.T. -0.000 min
Lab File: VN065375.D
Acq: 4 Jan 2021 14:03

Tgt Ion:	225	Resp:	121678
Ion Ratio	Lower	Upper	
225	100		
223	62.4	31.0	93.0
227	64.5	32.0	96.0

Instrument :
MSVOA_N
ClientSampleId :
MW-3D-123020MSD

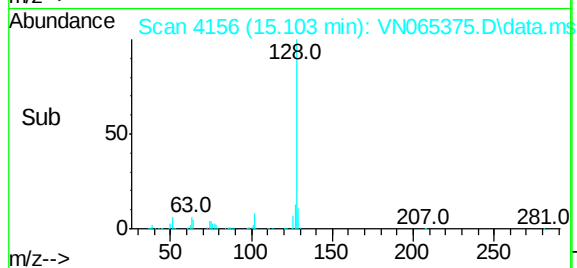
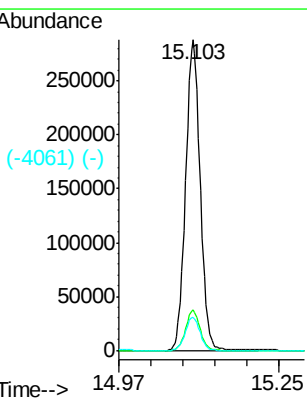
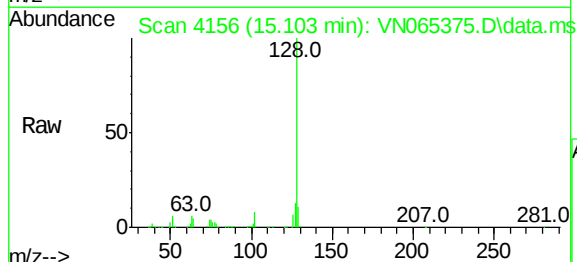
Manual Integrations
APPROVED

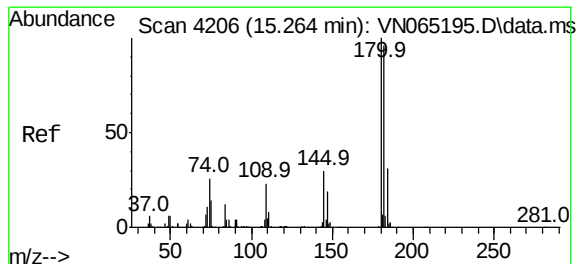
MMDadoda
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#4153 (-)
Naphthalene
Concen: 45.86 ug/l
RT: 15.103 min Scan# 4156
Delta R.T. 0.007 min
Lab File: VN065375.D
Acq: 4 Jan 2021 14:03

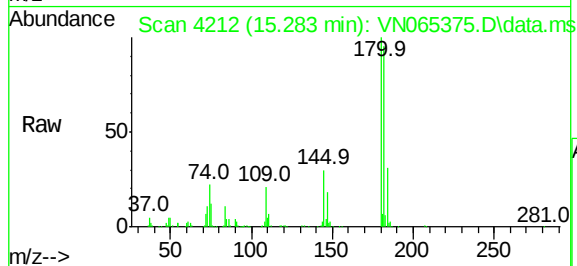
Tgt Ion:	128	Resp:	505146
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.3	15.5
129	10.9	8.7	13.1





#4192 (-)
 1,2,3-Trichlorobenzene
 Concen: 47.88 ug/l
 RT: 15.283 min Scan# 4212
 Delta R.T. 0.019 min
 Lab File: VN065375.D
 Acq: 4 Jan 2021 14:03

Instrument :
 MSVOA_N
ClientSampleId :
 MW-3D-123020MSD



Tgt Ion:180 Resp: 187487

Ion	Ratio	Lower	Upper
180	100		
182	96.3	48.1	144.4
145	30.0	16.4	49.1

Manual Integrations
APPROVED
 MMDadoda
 1/5/2021 1:37:19 PM

