

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123020\
 Data File : VN065323.D
 Acq On : 30 Dec 2020 16:22
 Operator : JC/MD
 Sample : VN1230WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1230WBSD01

Manual Integrations
 APPROVED

MMDadoda
 12/31/2020 2:26:48 PM

Quant Time: Dec 31 04:30:40 2020
 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	342643	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	514230	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.379	117	473618	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	216695	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.990	65	189907	49.09	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.18%
35) Dibromofluoromethane	7.553	113	158565	51.11	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.22%
50) Toluene-d8	10.061	98	600795	51.67	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	103.34%
62) 4-Bromofluorobenzene	12.376	95	211823	46.47	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.94%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.846	85	56397	17.79	ug/l	98
3) Chloromethane	2.055	50	68632	19.02	ug/l	99
4) Vinyl Chloride	2.180	62	73254	19.51	ug/l	97
5) Bromomethane	2.531	94	49581	18.58	ug/l	97
6) Chloroethane	2.679	64	47189	19.45	ug/l	96
7) Trichlorofluoromethane	2.997	101	98588	17.55	ug/l	99
8) Diethyl Ether	3.386	74	40256	18.21	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.724	101	56889	18.06	ug/l	99
10) Methyl Iodide	3.913	142	80504	16.92	ug/l	94
11) Tert butyl alcohol	4.782	59	57907	91.49	ug/l	99
12) 1,1-Dichloroethene	3.698	96	58672	17.43	ug/l	100
13) Acrolein	3.579	56	23392	56.53	ug/l	95
14) Allyl chloride	4.280	41	95680	17.25	ug/l	97
15) Acrylonitrile	4.949	53	150313	98.28	ug/l	99
16) Acetone	3.791	43	166203	95.75	ug/l	96
17) Carbon Disulfide	4.007	76	145238	16.86	ug/l	100
18) Methyl Acetate	4.293	43	72182	20.78	ug/l	95
19) Methyl tert-butyl Ether	5.010	73	191776	17.94	ug/l	100
20) Methylene Chloride	4.505	84	71533	18.95	ug/l	99
21) trans-1,2-Dichloroethene	4.994	96	61158	18.51	ug/l	99
22) Diisopropyl ether	5.920	45	201132	18.21	ug/l	96
23) Vinyl Acetate	5.856	43	837178	89.95	ug/l	98
24) 1,1-Dichloroethane	5.804	63	113057	18.66	ug/l	100
25) 2-Butanone	6.804	43	217937	100.36	ug/l	99
26) 2,2-Dichloropropane	6.778	77	97168	16.79	ug/l	100
27) cis-1,2-Dichloroethene	6.785	96	72574	18.87	ug/l	99
28) Bromochloromethane	7.154	49	47553	17.68	ug/l	97
29) Tetrahydrofuran	7.180	42	134937	96.09	ug/l	98
30) Chloroform	7.335	83	116921	18.75	ug/l	99
31) Cyclohexane	7.614	56	99490	17.42	ug/l	96
32) 1,1,1-Trichloroethane	7.531	97	99882	17.68	ug/l	98
36) 1,1-Dichloropropene	7.756	75	86086	18.41	ug/l	98
37) Ethyl Acetate	6.897	43	87400	18.86	ug/l	98
38) Carbon Tetrachloride	7.736	117	86036	17.52	ug/l	100
39) Methylcyclohexane	9.048	83	98641	17.56	ug/l	99
40) Benzene	8.007	78	262189	18.85	ug/l	98
41) Methacrylonitrile	7.132	41	40626	16.85	ug/l	91

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123020\
 Data File : VN065323.D
 Acq On : 30 Dec 2020 16:22
 Operator : JC/MD
 Sample : VN1230WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN1230WBSD01

Manual Integrations
 APPROVED

MMDadoda
 12/31/2020 2:26:48 PM

Quant Time: Dec 31 04:30:40 2020
 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)
42) 1,2-Dichloroethane	8.090	62	90708	17.65	ug/l	99
43) Isopropyl Acetate	8.135	43	142061	17.78	ug/l	100
44) Trichloroethene	8.804	130	75270	18.75	ug/l	96
45) 1,2-Dichloropropane	9.087	63	70169	19.41	ug/l	99
46) Dibromomethane	9.177	93	46590	18.97	ug/l	92
47) Bromodichloromethane	9.373	83	92840	17.93	ug/l	100
48) Methyl methacrylate	9.171	41	69903	18.03	ug/l	97
49) 1,4-Dioxane	9.171	88	25235	401.56	ug/l	95
51) 4-Methyl-2-Pentanone	9.955	43	430909	95.95	ug/l	98
52) Toluene	10.125	92	168353	19.20	ug/l	100
53) t-1,3-Dichloropropene	10.354	75	102803	17.62	ug/l	98
54) cis-1,3-Dichloropropene	9.807	75	110691	17.85	ug/l	97
55) 1,1,2-Trichloroethane	10.534	97	67248	19.39	ug/l	97
56) Ethyl methacrylate	10.402	69	99826	18.58	ug/l	98
57) 1,3-Dichloropropane	10.678	76	110058	19.23	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.666	63	216497	92.64	ug/l	100
59) 2-Hexanone	10.723	43	322117	97.57	ug/l	97
60) Dibromochloromethane	10.875	129	74273	17.96	ug/l	100
61) 1,2-Dibromoethane	10.977	107	70677	18.98	ug/l	100
64) Tetrachloroethene	10.601	164	86076	18.71	ug/l	95
65) Chlorobenzene	11.405	112	180243	18.70	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.482	131	68569	18.28	ug/l	99
67) Ethyl Benzene	11.482	91	317248	18.26	ug/l	99
68) m/p-Xylenes	11.595	106	240608	36.77	ug/l	100
69) o-Xylene	11.920	106	118341	18.63	ug/l	99
70) Styrene	11.936	104	195630	18.46	ug/l	100
71) Bromoform	12.100	173	56657	17.54	ug/l #	100
73) Isopropylbenzene	12.222	105	310210	18.80	ug/l	100
74) N-ethyl acetate	12.045	43	120085	18.27	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.479	83	89391	20.09	ug/l	99
76) 1,2,3-Trichloropropane	12.527	75	89375m	20.22	ug/l	
77) Bromobenzene	12.498	156	84442	19.58	ug/l	91
78) n-propylbenzene	12.566	91	341681	18.34	ug/l	98
79) 2-Chlorotoluene	12.649	91	204312	18.62	ug/l	97
80) 1,3,5-Trimethylbenzene	12.707	105	261409	18.57	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.273	75	31383	17.90	ug/l	89
82) 4-Chlorotoluene	12.746	91	208704	18.47	ug/l	98
83) tert-Butylbenzene	12.968	119	224047	18.69	ug/l	100
84) 1,2,4-Trimethylbenzene	13.013	105	255741	18.66	ug/l	99
85) sec-Butylbenzene	13.145	105	290633	18.27	ug/l	99
86) p-Isopropyltoluene	13.264	119	264951	18.17	ug/l	99
87) 1,3-Dichlorobenzene	13.257	146	135771	18.82	ug/l	97
88) 1,4-Dichlorobenzene	13.338	146	132454	18.29	ug/l	98
89) n-Butylbenzene	13.588	91	216611	17.38	ug/l	99
90) Hexachloroethane	13.849	117	45250	18.05	ug/l	85
91) 1,2-Dichlorobenzene	13.627	146	134693	19.44	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.244	75	16583	18.09	ug/l	91
93) 1,2,4-Trichlorobenzene	14.881	180	61909	16.45	ug/l	99
94) Hexachlorobutadiene	14.981	225	45360	16.59	ug/l	99
95) Naphthalene	15.103	128	157732	16.47	ug/l	99
96) 1,2,3-Trichlorobenzene	15.283	180	58903	17.07	ug/l	97

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

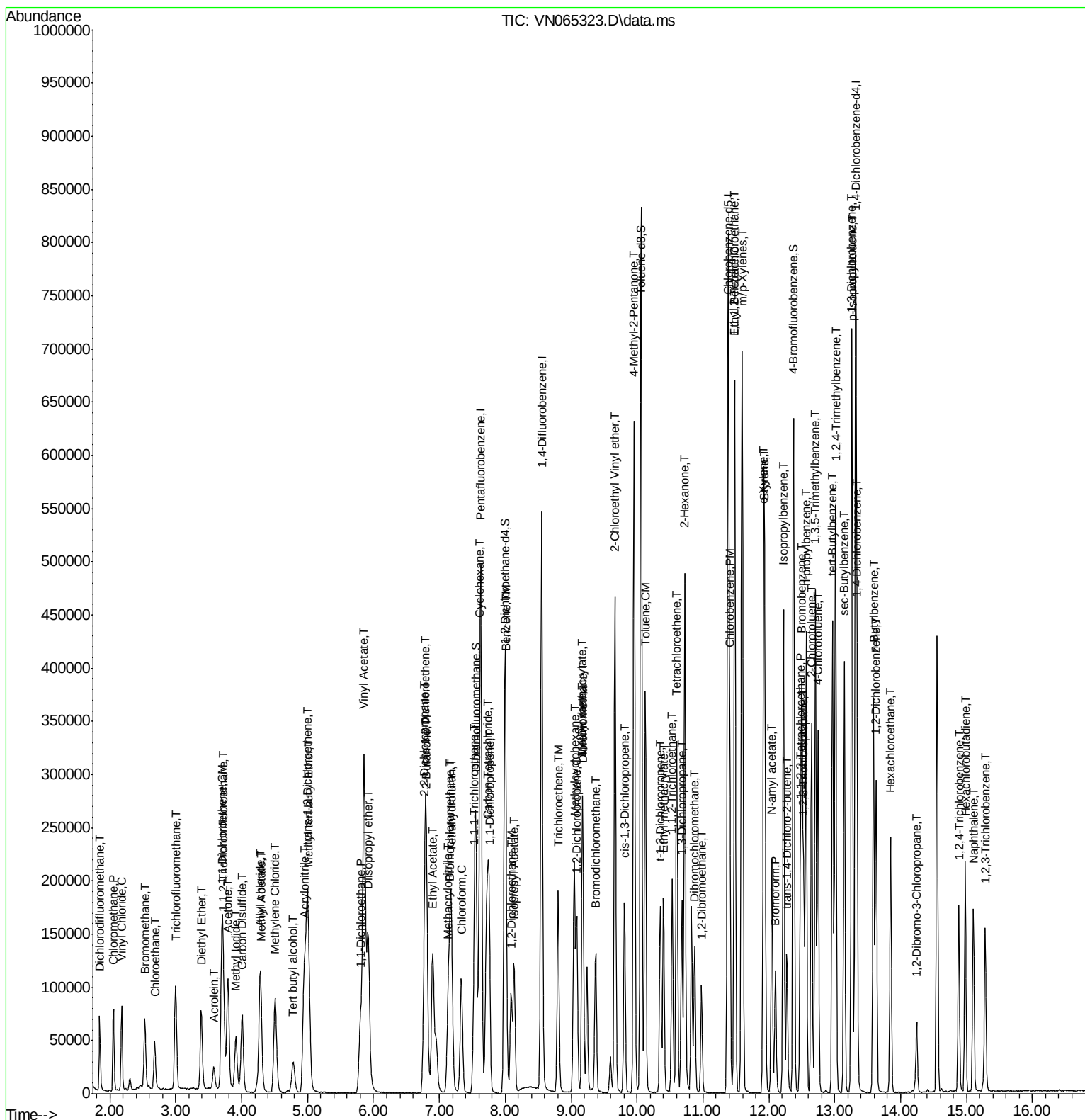
Instrument :
MSVOA_N
ClientSampleId :
VN1230WBSD01

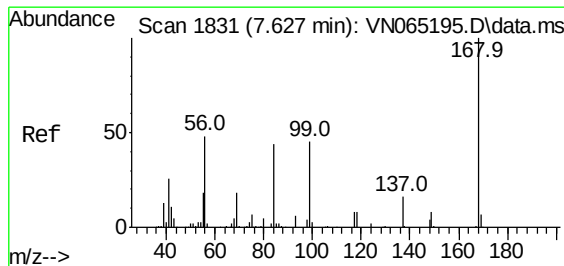
Manual Integrations
APPROVED

MMDadoda
12/31/2020 2:26:48 PM

MMDadoda
12/31/2020 2:26:48 PM

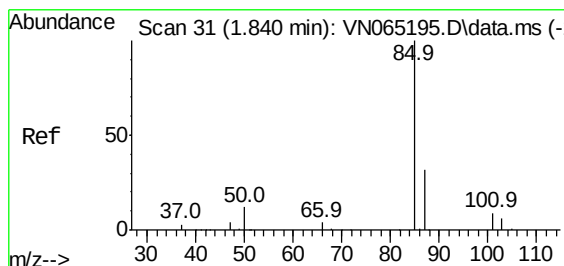
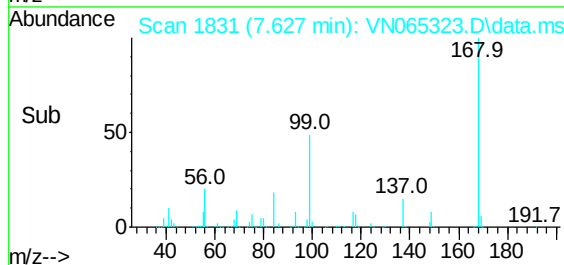
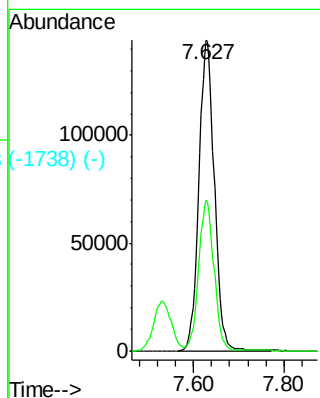
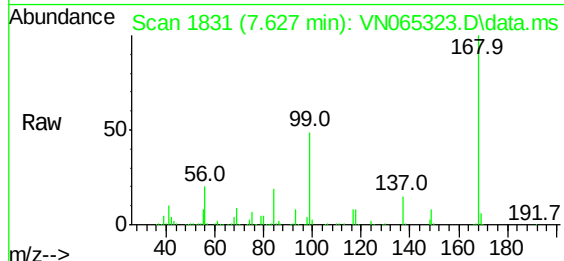
Quant Time: Dec 31 04:30:40 2020
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220w.M
Quant Title : SW846 8260
QLast Update : Tue Dec 22 15:42:18 2020
Response via : Initial Calibration





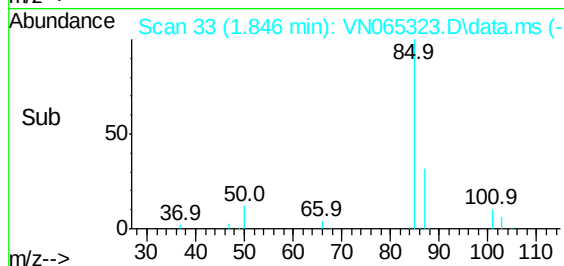
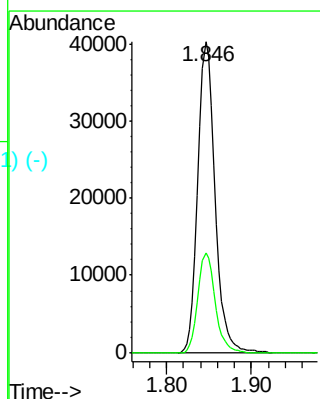
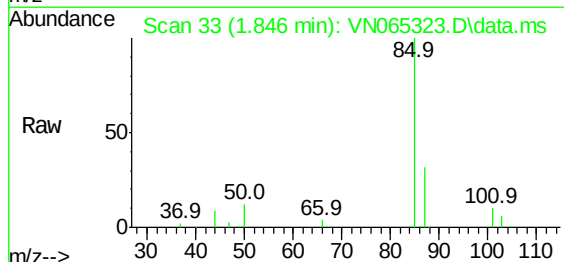
Pentafuorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065323.D
Acq: 30 Dec 2020 16:22

Tgt Ion: 168 Resp: 342643
Ion Ratio Lower Upper
168 100
99 48.5 43.0 64.4



Dichlorodifluoromethane
Concen: 17.79 ug/l
RT: 1.846 min Scan# 33
Delta R.T. 0.006 min
Lab File: VN065323.D
Acq: 30 Dec 2020 16:22

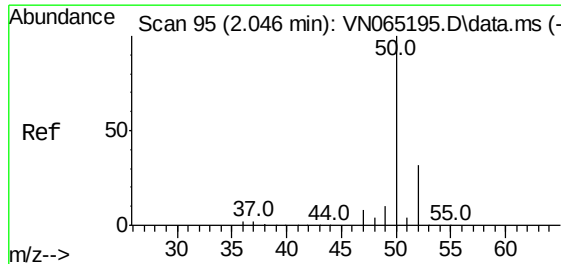
Tgt Ion: 85 Resp: 56397
Ion Ratio Lower Upper
85 100
87 31.9 16.4 49.4



Instrument :
MSVOA_N
ClientSampleId :
VN1230WBSD01

Manual Integrations
APPROVED

MMDadoda
12/31/2020 2:26:48 PM



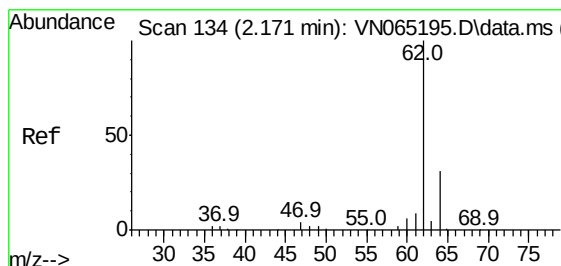
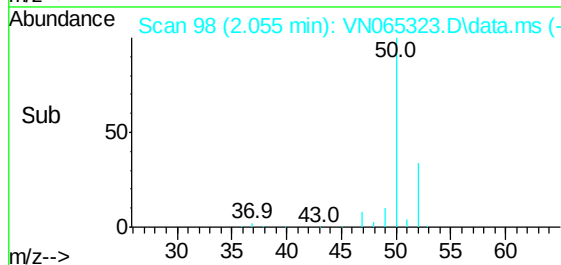
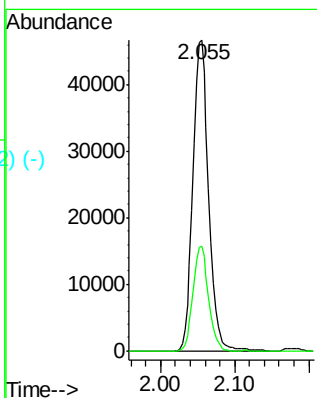
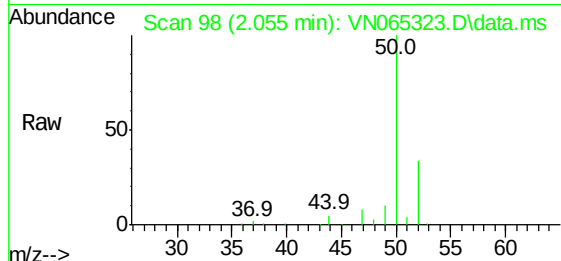
Chloromethane
Concen: 19.02 ug/l
RT: 2.055 min Scan# 98
Delta R.T. 0.009 min
Lab File: VN065323.D
Acq: 30 Dec 2020 16:22

Tgt Ion: 50 Resp: 68632
Ion Ratio Lower Upper
50 100
52 33.6 26.6 39.8

Instrument :
MSVOA_N
ClientSampleId :
VN1230WBSD01

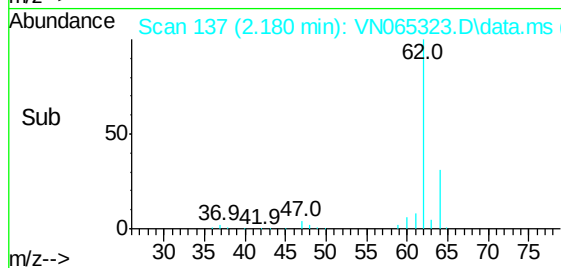
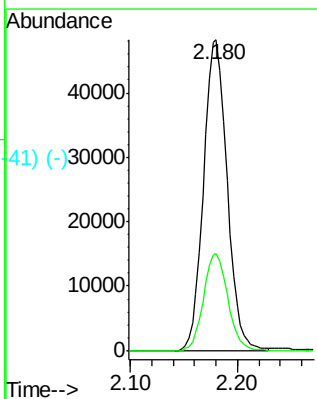
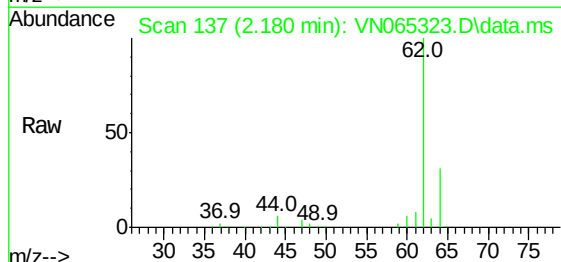
Manual Integrations
APPROVED

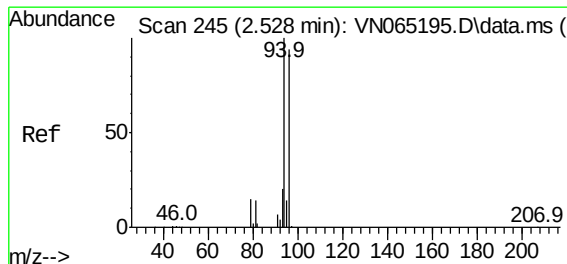
MMDadoda
12/31/2020 2:26:48 PM



Vinyl Chloride
Concen: 19.51 ug/l
RT: 2.180 min Scan# 137
Delta R.T. 0.009 min
Lab File: VN065323.D
Acq: 30 Dec 2020 16:22

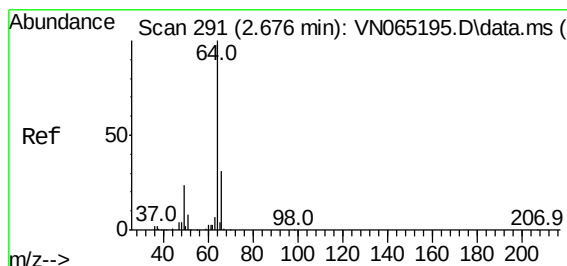
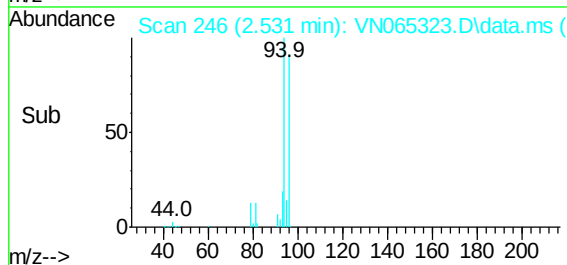
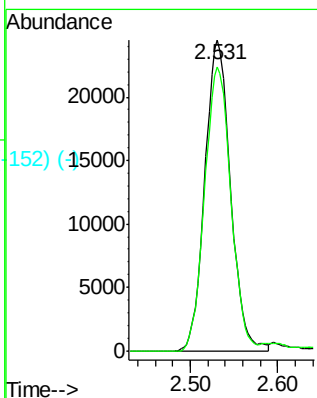
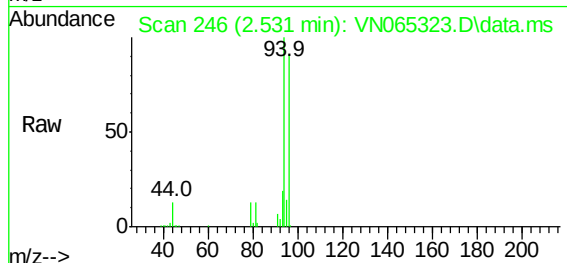
Tgt Ion: 62 Resp: 73254
Ion Ratio Lower Upper
62 100
64 31.4 26.5 39.7





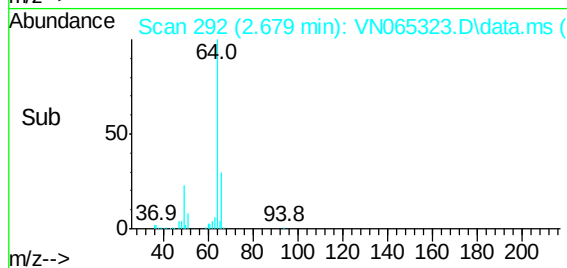
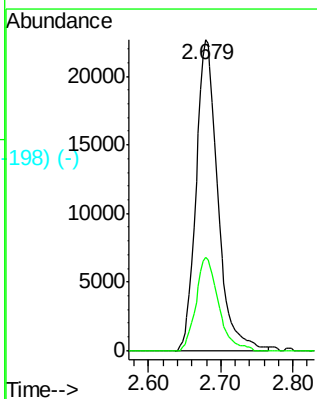
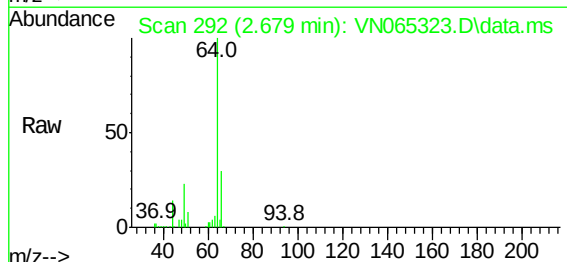
#5 (-)
 Bromomethane
 Concen: 18.58 ug/l
 RT: 2.531 min Scan# 246
 Delta R.T. 0.003 min
 Lab File: VN065323.D
 Acq: 30 Dec 2020 16:22

Tgt Ion: 94 Resp: 49581
 Ion Ratio Lower Upper
 94 100
 96 91.2 75.4 113.0



#6 (-)
 Chloroethane
 Concen: 19.45 ug/l
 RT: 2.679 min Scan# 292
 Delta R.T. 0.003 min
 Lab File: VN065323.D
 Acq: 30 Dec 2020 16:22

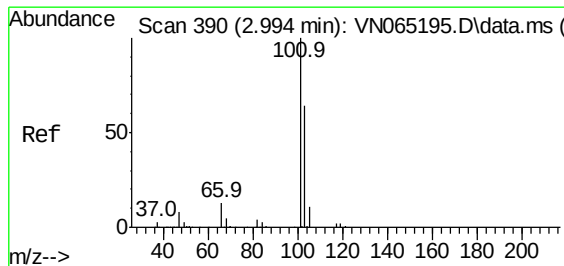
Tgt Ion: 64 Resp: 47189
 Ion Ratio Lower Upper
 64 100
 66 30.0 25.6 38.4



Instrument :
 MSVOA_N
 ClientSampleId :
 VN1230WBSD01

Manual Integrations
 APPROVED

MMDadoda
 12/31/2020 2:26:48 PM



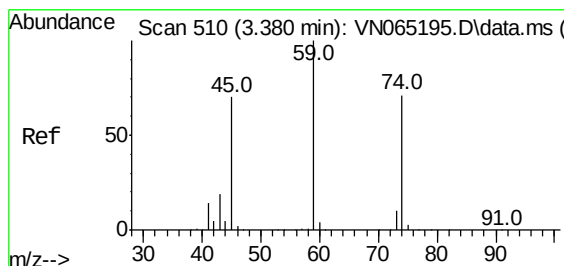
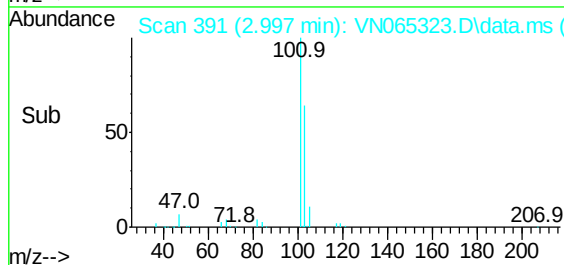
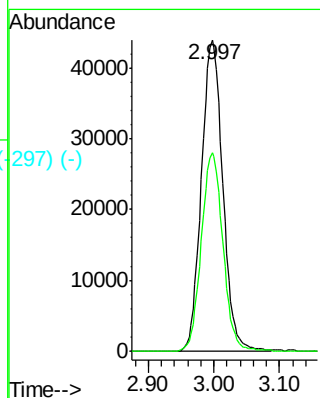
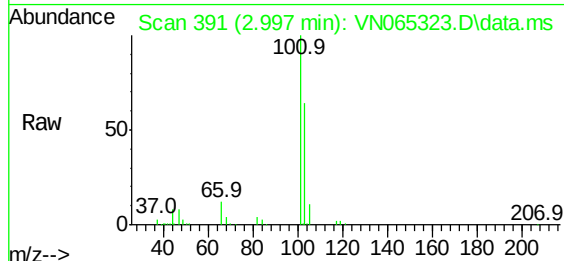
Trichlorofluoromethane
 Concen: 17.55 ug/l
 RT: 2.997 min Scan# 391
 Delta R.T. 0.003 min
 Lab File: VN065323.D
 Acq: 30 Dec 2020 16:22

Tgt Ion: 101 Resp: 98588
 Ion Ratio Lower Upper
 101 100
 103 63.7 50.5 75.7

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1230WBSD01

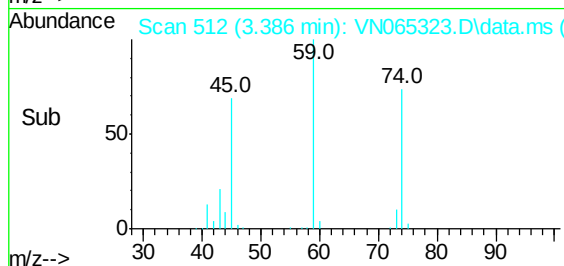
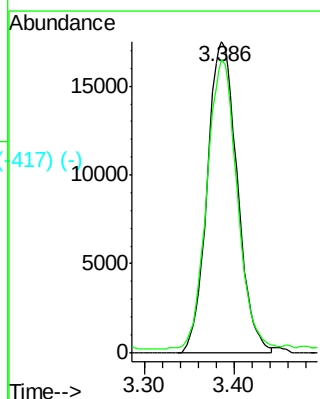
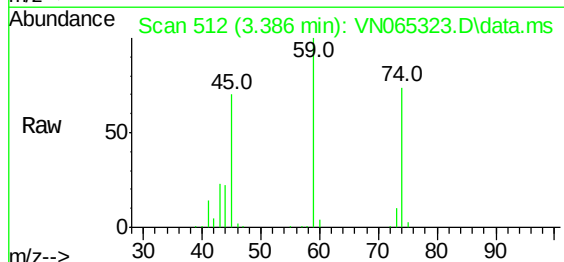
Manual Integrations
 APPROVED

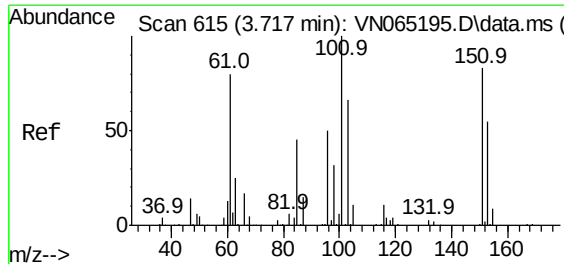
MMDadoda
 12/31/2020 2:26:48 PM



Diethyl Ether
 Concen: 18.21 ug/l
 RT: 3.386 min Scan# 512
 Delta R.T. 0.006 min
 Lab File: VN065323.D
 Acq: 30 Dec 2020 16:22

Tgt Ion: 74 Resp: 40256
 Ion Ratio Lower Upper
 74 100
 45 93.5 48.9 146.8





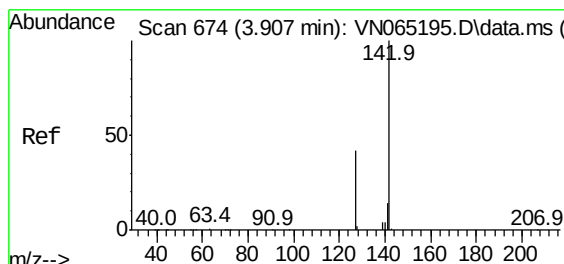
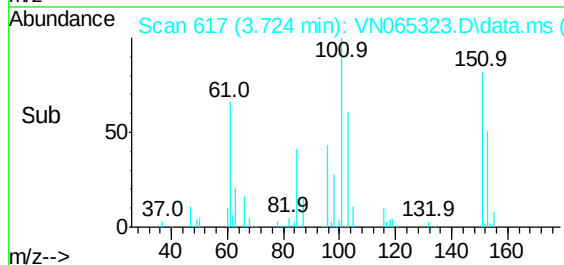
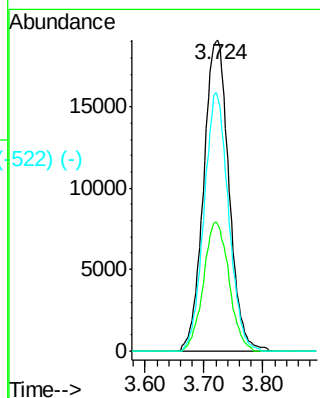
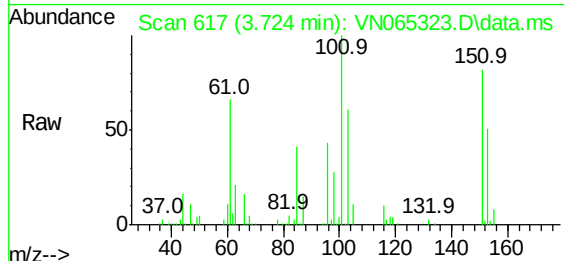
Scan 615 (3.717 min): VN065195.D\data.ms (-549) (-)
 1,1,2-Trichlorotrifluoroethane
 Concen: 18.06 ug/l
 RT: 3.724 min Scan# 617
 Delta R.T. 0.007 min
 Lab File: VN065323.D
 Acq: 30 Dec 2020 16:22

Tgt Ion:	101	Resp:	56889
Ion Ratio	Lower	Upper	
101	100		
85	41.7	34.4	51.6
151	80.4	64.0	96.0

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1230WBSD01

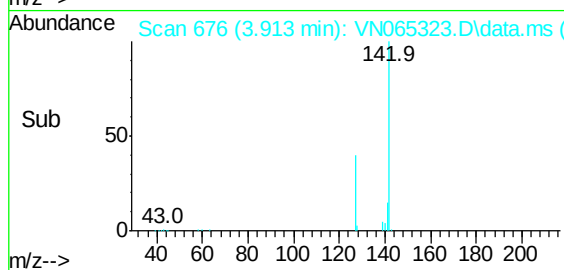
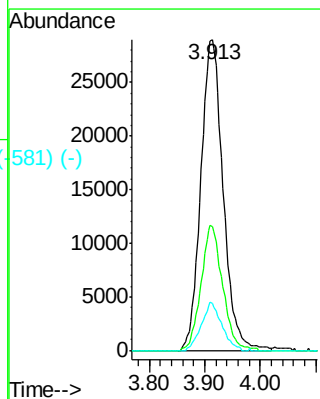
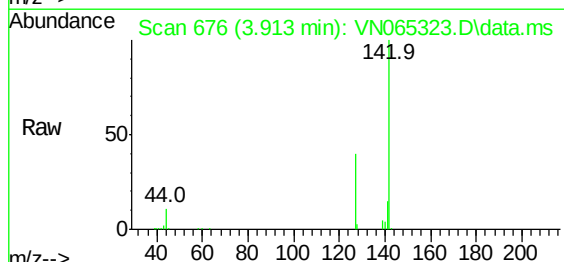
Manual Integrations
 APPROVED

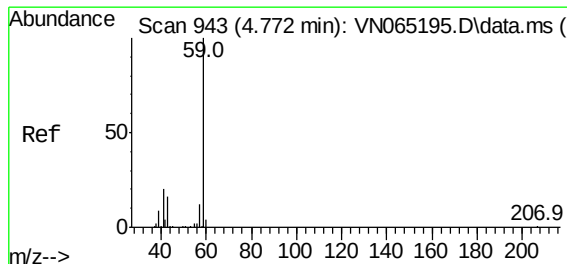
MMDadoda
 12/31/2020 2:26:48 PM



Scan 674 (3.907 min): VN065195.D\data.ms (-654) (-)
 Methyl Iodide
 Concen: 16.92 ug/l
 RT: 3.913 min Scan# 676
 Delta R.T. 0.006 min
 Lab File: VN065323.D
 Acq: 30 Dec 2020 16:22

Tgt Ion:	142	Resp:	80504
Ion Ratio	Lower	Upper	
142	100		
127	38.9	35.0	52.6
141	14.1	11.8	17.6





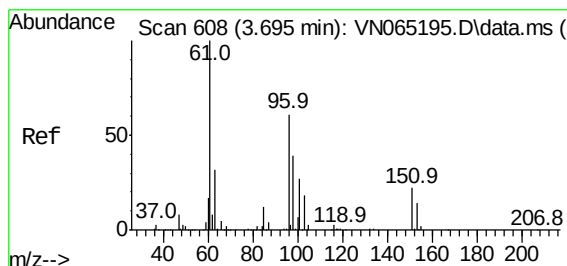
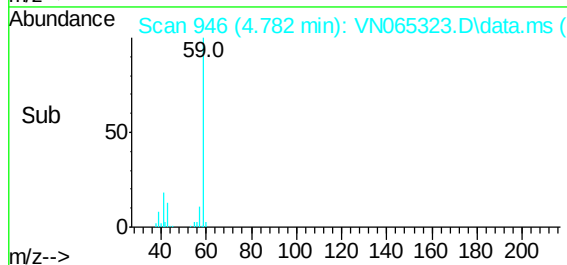
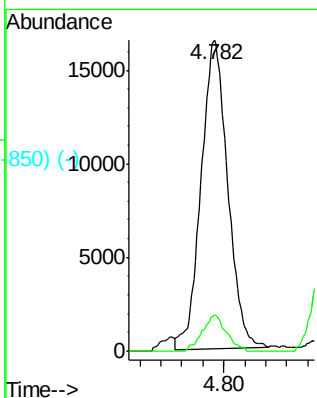
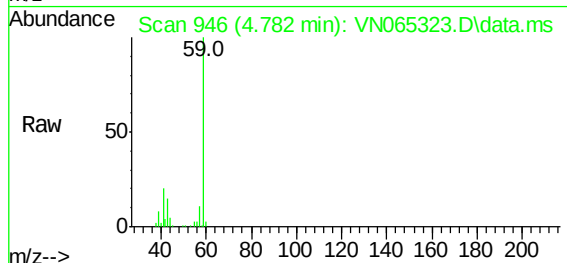
Tert butyl alcohol
Concen: 91.49 ug/l
RT: 4.782 min Scan# 946
Delta R.T. 0.010 min
Lab File: VN065323.D
Acq: 30 Dec 2020 16:22

Tgt Ion: 59 Resp: 57907
Ion Ratio Lower Upper
59 100
57 10.3 7.9 11.9

Instrument :
MSVOA_N
ClientSampleId :
VN1230WBSD01

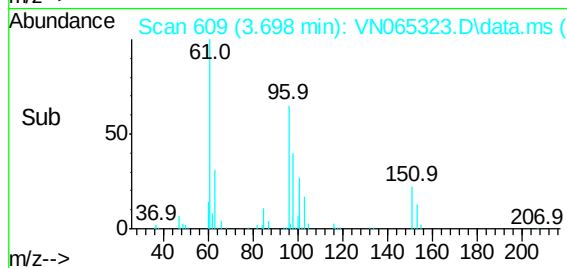
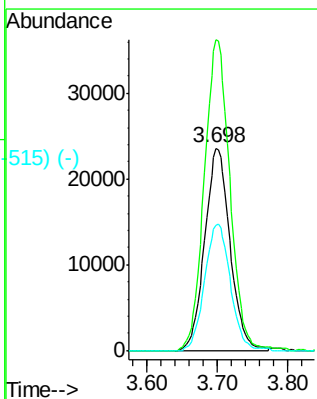
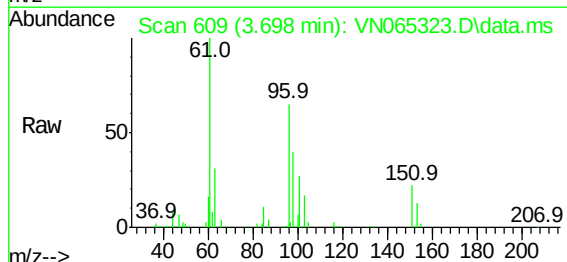
Manual Integrations
APPROVED

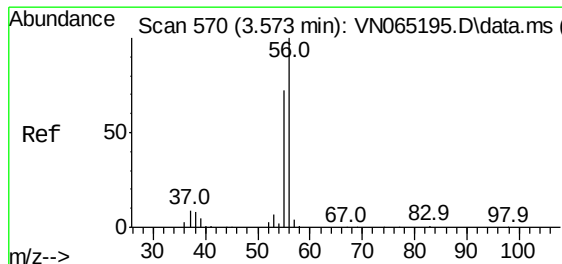
MMDadoda
12/31/2020 2:26:48 PM



1,1-Dichloroethene
Concen: 17.43 ug/l
RT: 3.698 min Scan# 609
Delta R.T. 0.003 min
Lab File: VN065323.D
Acq: 30 Dec 2020 16:22

Tgt Ion: 96 Resp: 58672
Ion Ratio Lower Upper
96 100
61 153.8 123.4 185.2
98 62.2 49.8 74.8





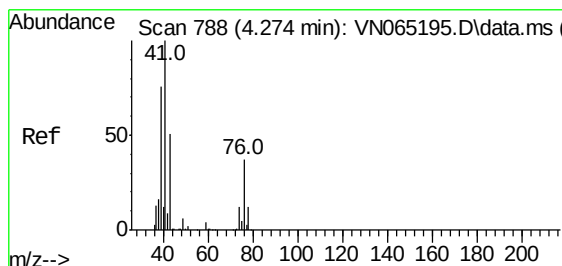
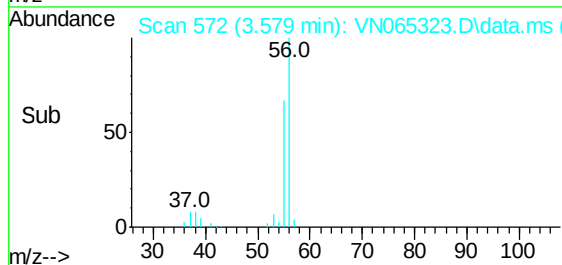
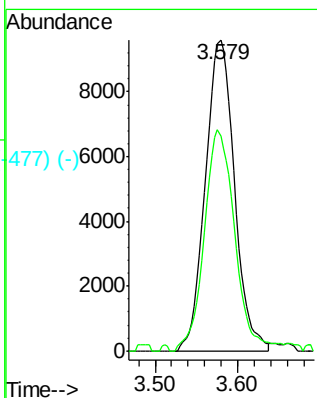
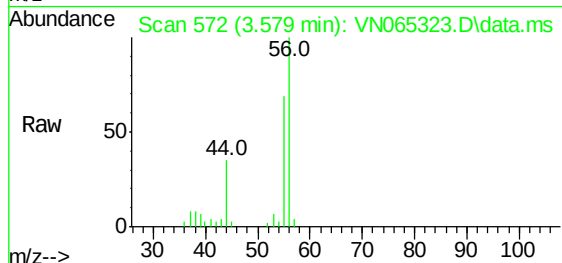
#43 (-)
Acrolein
Concen: 56.53 ug/l
RT: 3.579 min Scan# 572
Delta R.T. 0.006 min
Lab File: VN065323.D
Acq: 30 Dec 2020 16:22

Tgt Ion: 56 Resp: 23392
Ion Ratio Lower Upper
56 100
55 74.7 56.5 84.7

Instrument :
MSVOA_N
ClientSampleId :
VN1230WBSD01

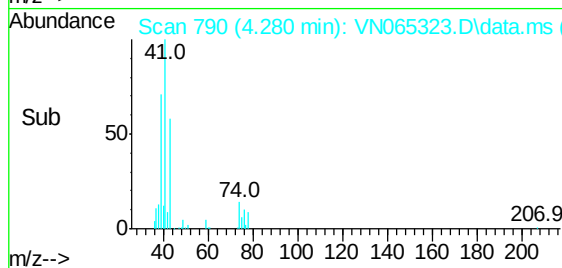
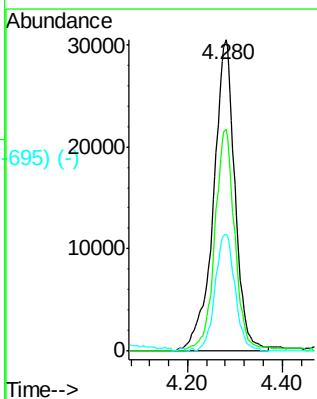
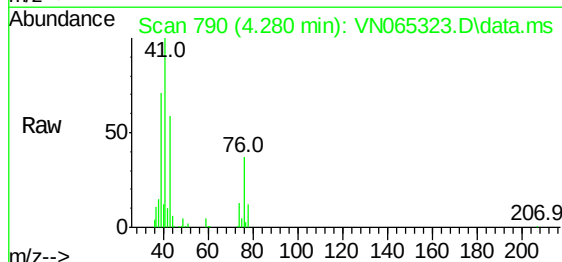
Manual Integrations
APPROVED

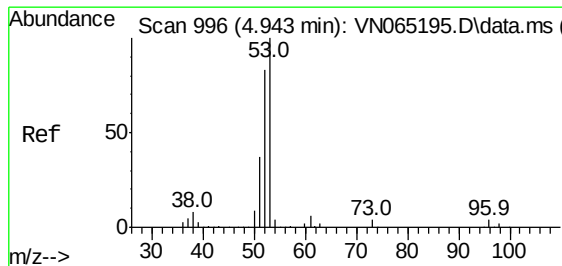
MMDadoda
12/31/2020 2:26:48 PM



#44 (-)
Allyl chloride
Concen: 17.25 ug/l
RT: 4.280 min Scan# 790
Delta R.T. 0.006 min
Lab File: VN065323.D
Acq: 30 Dec 2020 16:22

Tgt Ion: 41 Resp: 95680
Ion Ratio Lower Upper
41 100
39 66.5 50.9 76.3
76 34.5 29.0 43.4





Acrylonitrile
Concen: 98.28 ug/l
RT: 4.949 min Scan# 998
Delta R.T. 0.006 min
Lab File: VN065323.D
Acq: 30 Dec 2020 16:22

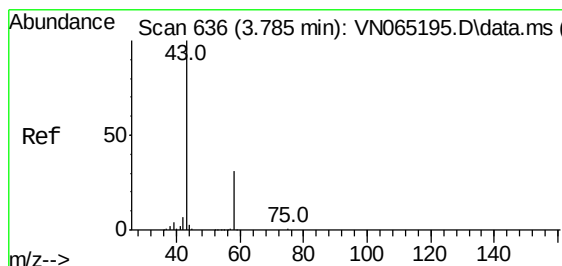
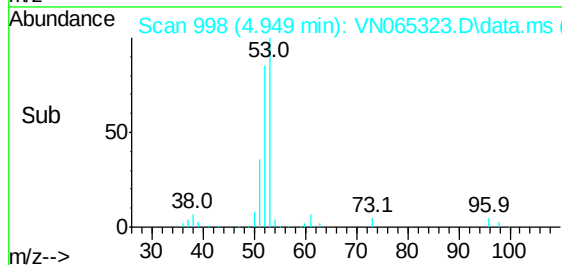
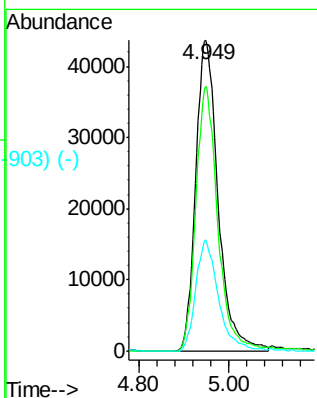
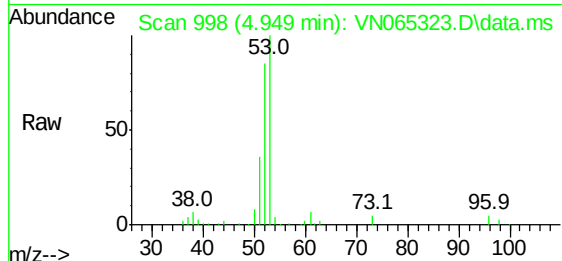
Tgt Ion: 53 Resp: 150313

Ion	Ratio	Lower	Upper
53	100		
52	82.9	65.5	98.3
51	35.9	28.6	43.0

Instrument :
MSVOA_N
ClientSampleId :
VN1230WBSD01

Manual Integrations
APPROVED

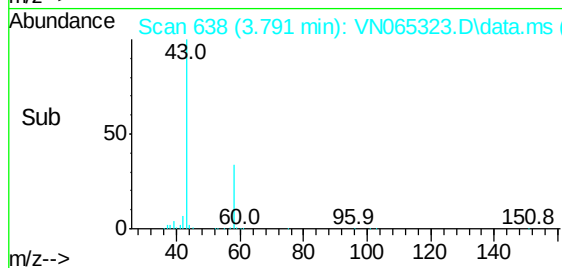
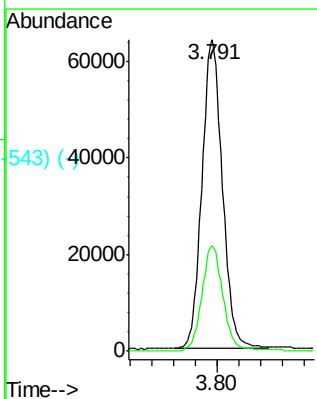
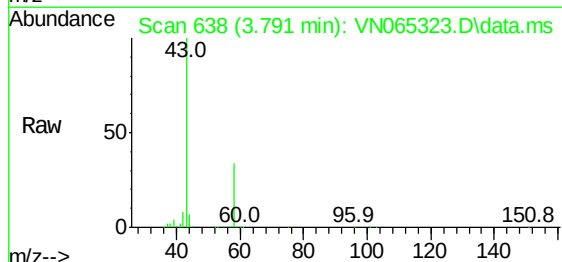
MMDadoda
12/31/2020 2:26:48 PM

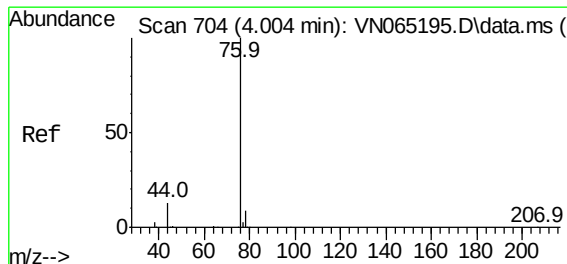


Acetone
Concen: 95.75 ug/l
RT: 3.791 min Scan# 638
Delta R.T. 0.006 min
Lab File: VN065323.D
Acq: 30 Dec 2020 16:22

Tgt Ion: 43 Resp: 166203

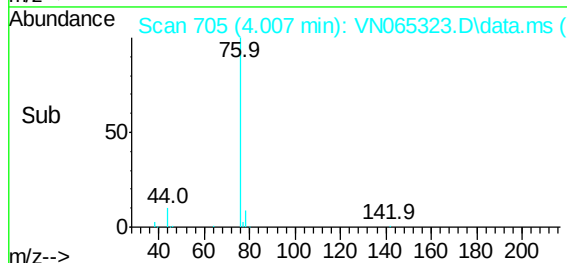
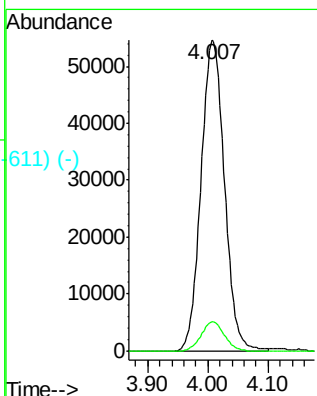
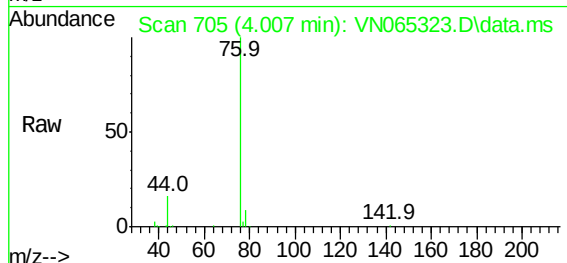
Ion	Ratio	Lower	Upper
43	100		
58	34.1	25.7	38.5





Carbon Disulfide
Concen: 16.86 ug/l
RT: 4.007 min Scan# 705
Delta R.T. 0.003 min
Lab File: VN065323.D
Acq: 30 Dec 2020 16:22

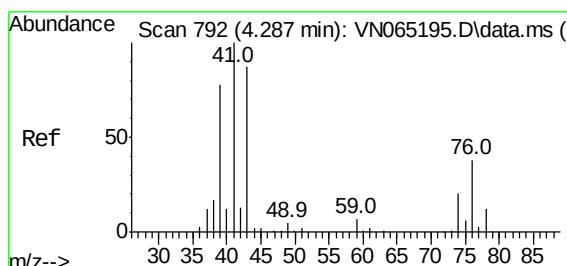
Tgt Ion: 76 Resp: 145238
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0



Instrument :
MSVOA_N
ClientSampleId :
VN1230WBSD01

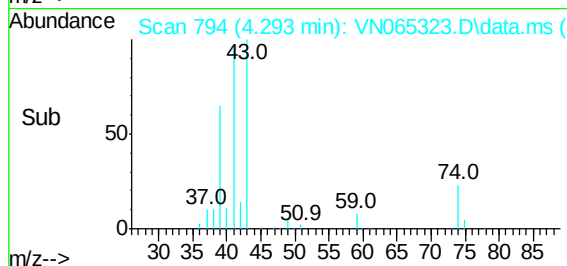
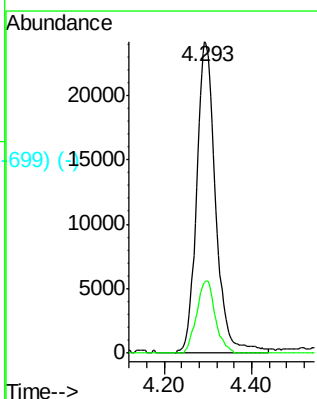
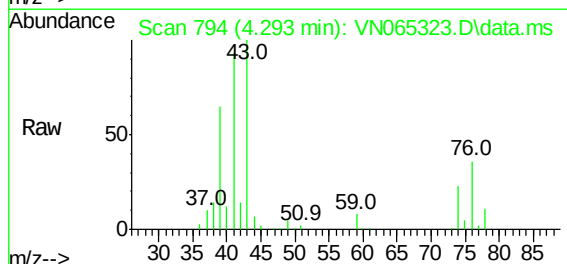
Manual Integrations
APPROVED

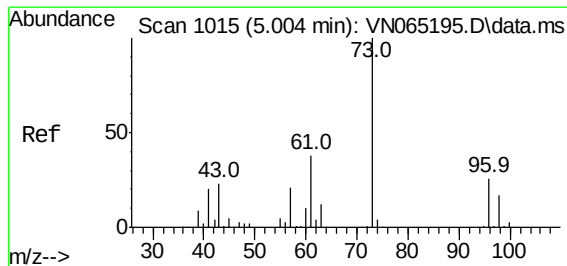
MMDadoda
12/31/2020 2:26:48 PM



Methyl Acetate
Concen: 20.78 ug/l
RT: 4.293 min Scan# 794
Delta R.T. 0.006 min
Lab File: VN065323.D
Acq: 30 Dec 2020 16:22

Tgt Ion: 43 Resp: 72182
Ion Ratio Lower Upper
43 100
74 22.5 20.2 30.2





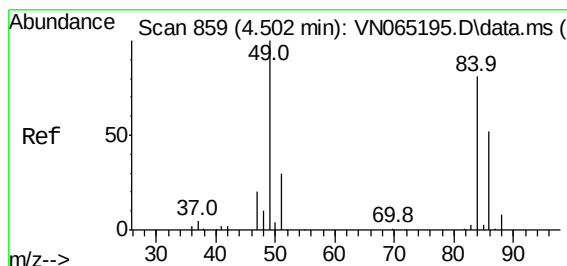
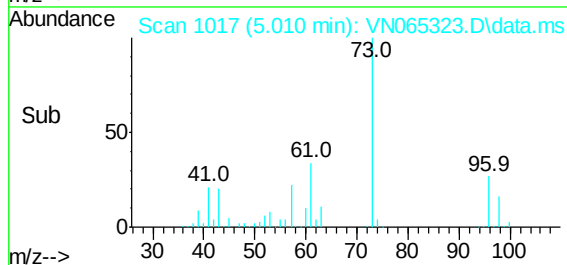
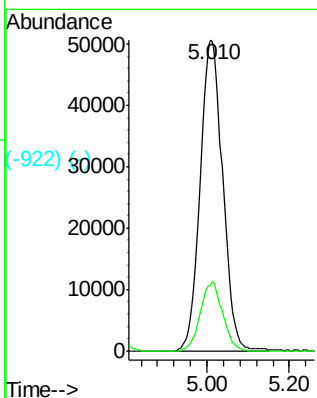
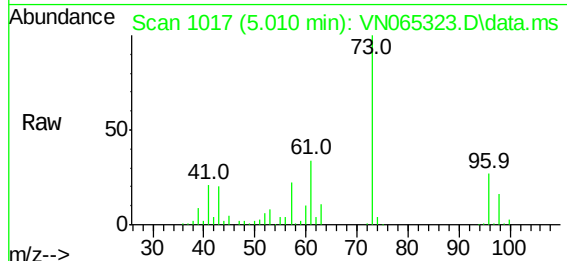
Methyl tert-butyl Ether
Concen: 17.94 ug/l
RT: 5.010 min Scan# 1017
Delta R.T. 0.006 min
Lab File: VN065323.D
Acq: 30 Dec 2020 16:22

Tgt Ion: 73 Resp: 191776
Ion Ratio Lower Upper
73 100
57 21.5 17.4 26.0

Instrument :
MSVOA_N
ClientSampleId :
VN1230WBSD01

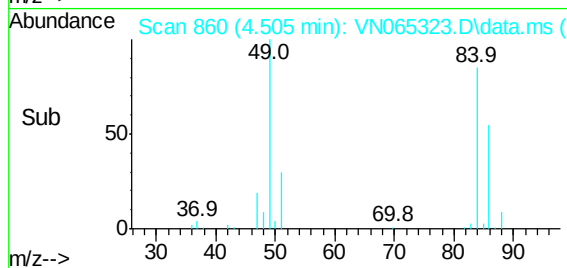
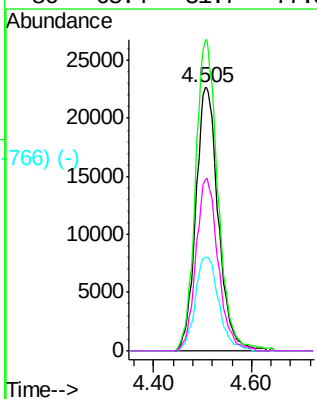
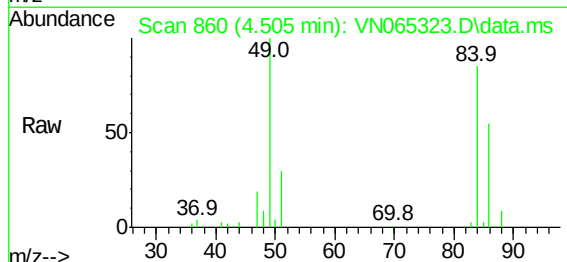
Manual Integrations
APPROVED

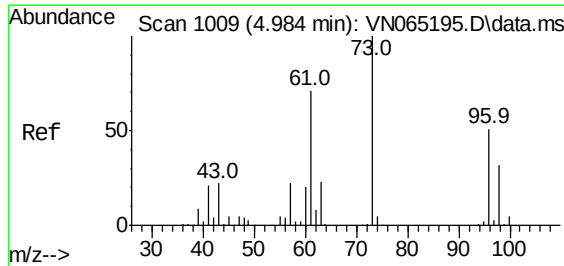
MMDadoda
12/31/2020 2:26:48 PM



Methylene Chloride
Concen: 18.95 ug/l
RT: 4.505 min Scan# 860
Delta R.T. 0.003 min
Lab File: VN065323.D
Acq: 30 Dec 2020 16:22

Tgt Ion: 84 Resp: 71533
Ion Ratio Lower Upper
84 100
49 118.0 93.4 140.0
51 35.5 28.2 42.4
86 65.4 51.7 77.5





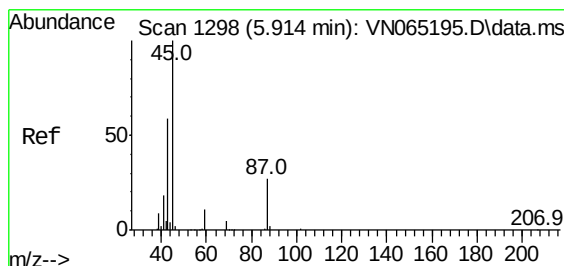
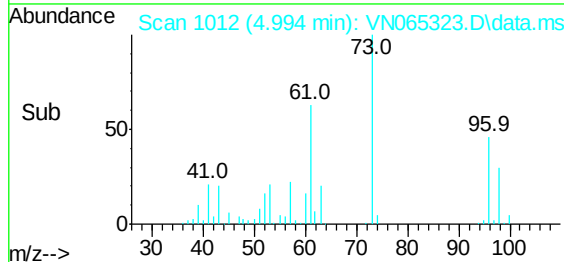
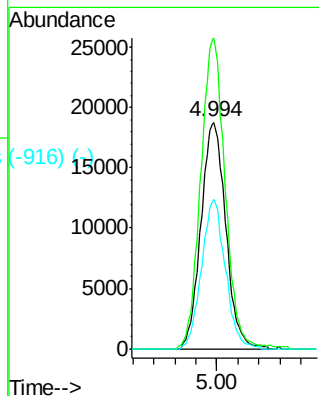
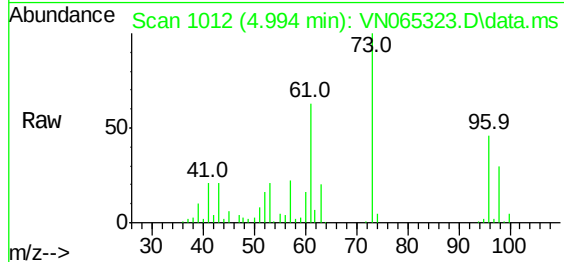
(-987) (-)
trans-1,2-Dichloroethene
Concen: 18.51 ug/l
RT: 4.994 min Scan# 1012
Delta R.T. 0.010 min
Lab File: VN065323.D
Acq: 30 Dec 2020 16:22

Tgt Ion: 96 Resp: 61158
Ion Ratio Lower Upper
96 100
61 136.1 108.4 162.6
98 65.8 51.3 76.9

Instrument :
MSVOA_N
ClientSampleId :
VN1230WBSD01

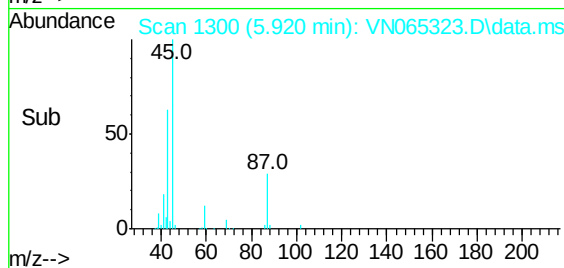
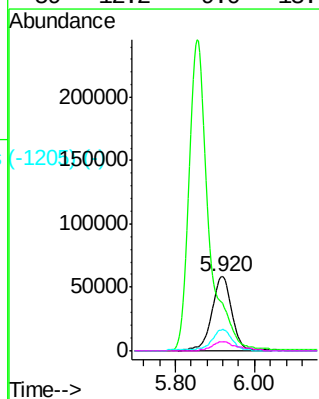
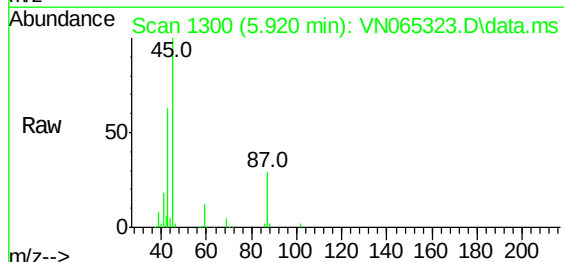
Manual Integrations
APPROVED

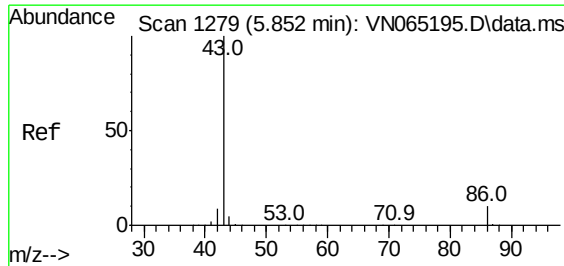
MMDadoda
12/31/2020 2:26:48 PM



(-1261) (-)
Diisopropyl ether
Concen: 18.21 ug/l
RT: 5.920 min Scan# 1300
Delta R.T. 0.006 min
Lab File: VN065323.D
Acq: 30 Dec 2020 16:22

Tgt Ion: 45 Resp: 201132
Ion Ratio Lower Upper
45 100
43 61.1 46.2 69.2
87 28.5 24.1 36.1
59 12.2 9.0 13.4



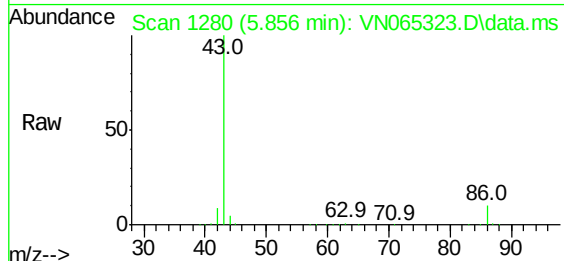


#231 (-)
Vinyl Acetate
Concen: 89.95 ug/l
RT: 5.856 min Scan# 1280
Delta R.T. 0.004 min
Lab File: VN065323.D
Acq: 30 Dec 2020 16:22

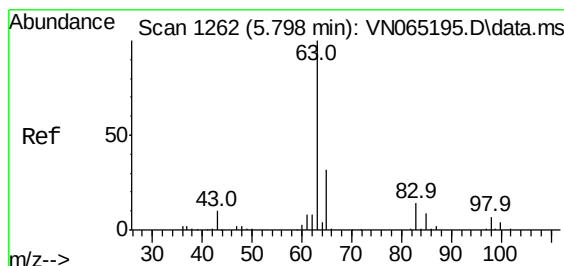
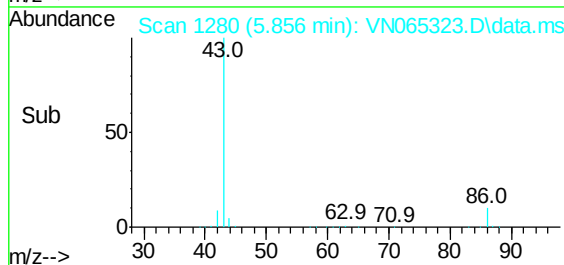
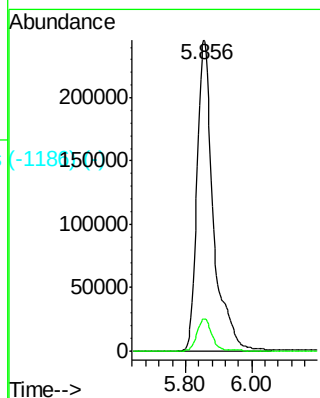
Instrument :
MSVOA_N
ClientSampleId :
VN1230WBSD01

Manual Integrations
APPROVED

MMDadoda
12/31/2020 2:26:48 PM

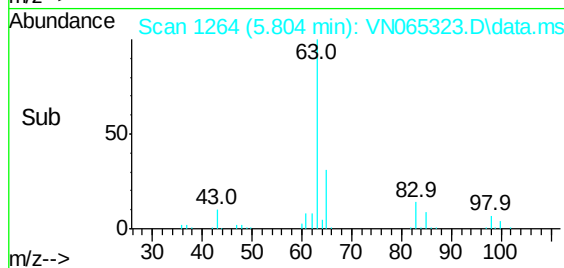
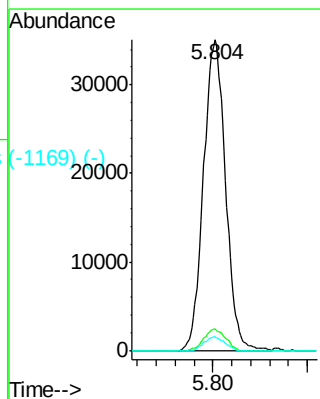
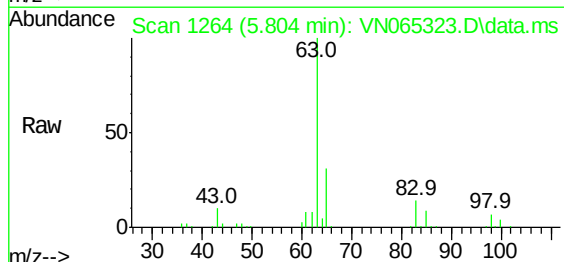


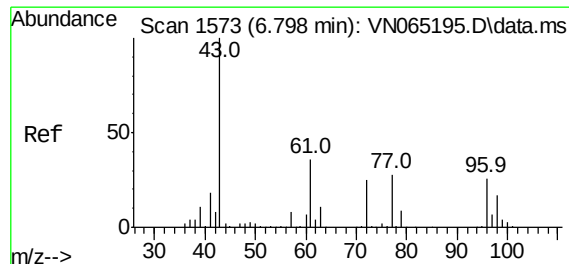
Tgt Ion: 43 Resp: 837178
Ion Ratio Lower Upper
43 100
86 10.4 8.9 13.3



#237 (-)
1,1-Dichloroethane
Concen: 18.66 ug/l
RT: 5.804 min Scan# 1264
Delta R.T. 0.006 min
Lab File: VN065323.D
Acq: 30 Dec 2020 16:22

Tgt Ion: 63 Resp: 113057
Ion Ratio Lower Upper
63 100
98 6.9 3.5 10.5
100 4.4 2.3 6.8



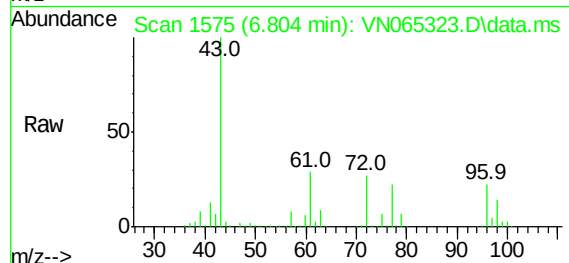


#157 (-)
2-Butanone
Concen: 100.36 ug/l
RT: 6.804 min Scan# 1575
Delta R.T. 0.006 min
Lab File: VN065323.D
Acq: 30 Dec 2020 16:22

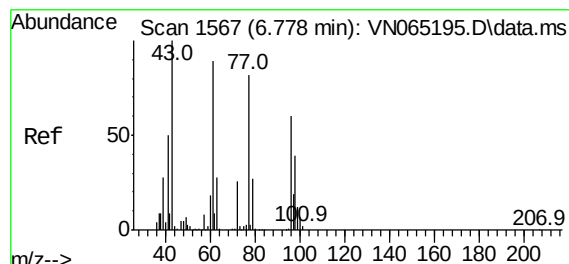
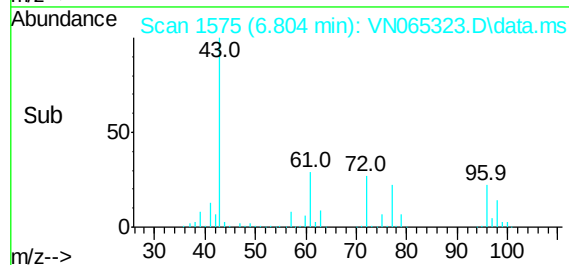
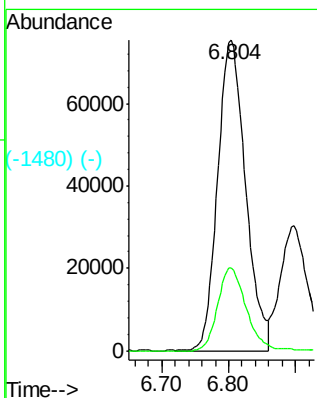
Instrument :
MSVOA_N
ClientSampleId :
VN1230WBSD01

Manual Integrations
APPROVED

MMDadoda
12/31/2020 2:26:48 PM

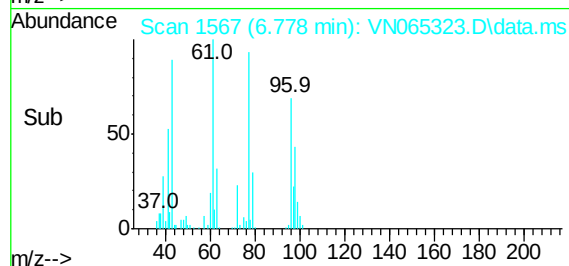
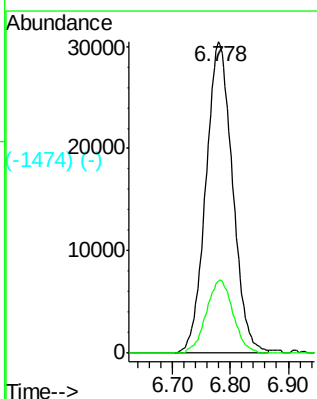
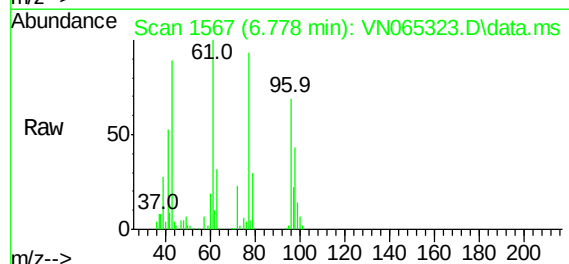


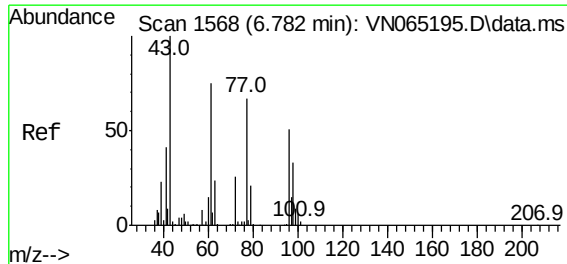
Tgt Ion: 43 Resp: 217937
Ion Ratio Lower Upper
43 100
72 26.6 21.0 31.6



#156 (-)
2,2-Dichloropropane
Concen: 16.79 ug/l
RT: 6.778 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VN065323.D
Acq: 30 Dec 2020 16:22

Tgt Ion: 77 Resp: 97168
Ion Ratio Lower Upper
77 100
97 23.2 11.7 35.0



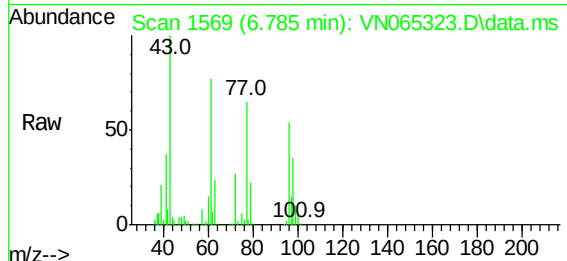


#176 (-)
cis-1,2-Dichloroethene
Concen: 18.87 ug/l
RT: 6.785 min Scan# 1569
Delta R.T. 0.003 min
Lab File: VN065323.D
Acq: 30 Dec 2020 16:22

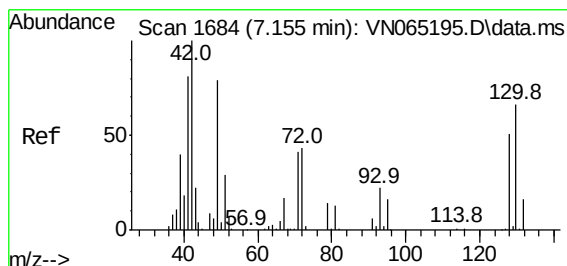
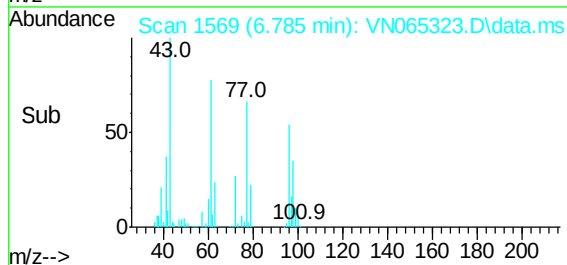
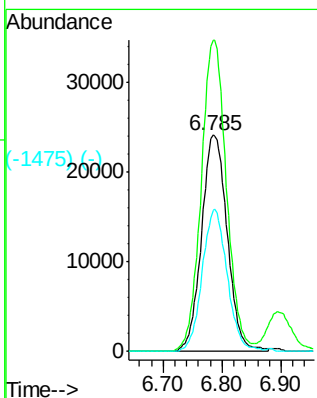
Instrument :
MSVOA_N
ClientSampleId :
VN1230WBSD01

Manual Integrations
APPROVED

MMDadoda
12/31/2020 2:26:48 PM

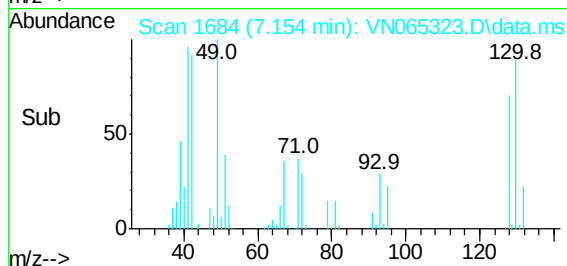
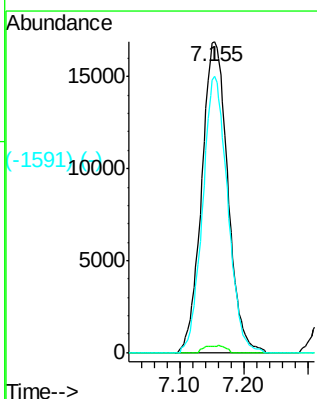
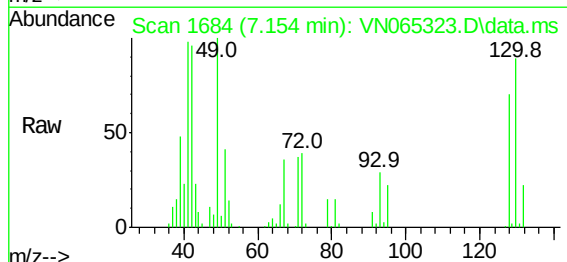


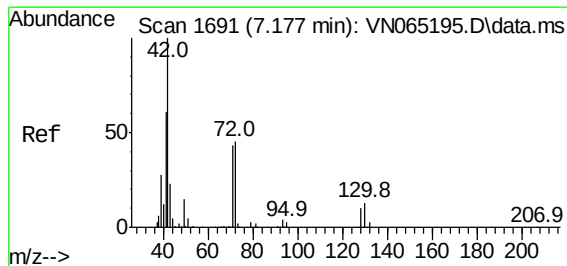
Tgt Ion: 96 Resp: 72574
Ion Ratio Lower Upper
96 100
61 141.6 0.0 285.8
98 63.8 0.0 130.6



#177 (-)
Bromochloromethane
Concen: 17.68 ug/l
RT: 7.154 min Scan# 1684
Delta R.T. -0.001 min
Lab File: VN065323.D
Acq: 30 Dec 2020 16:22

Tgt Ion: 49 Resp: 47553
Ion Ratio Lower Upper
49 100
129 1.0 0.0 3.8
130 85.3 66.2 99.2





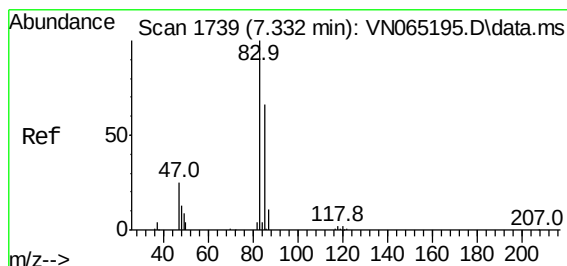
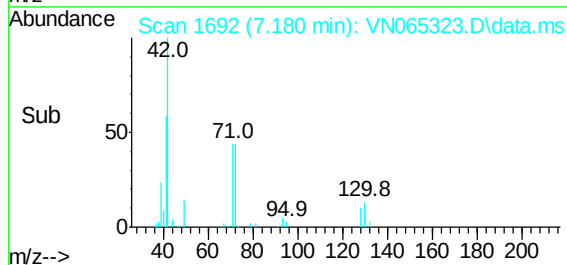
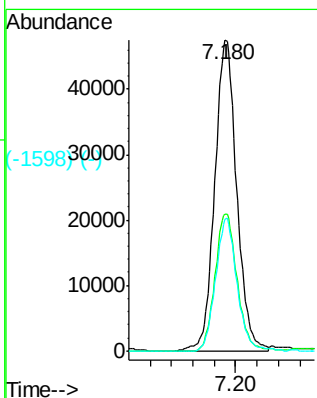
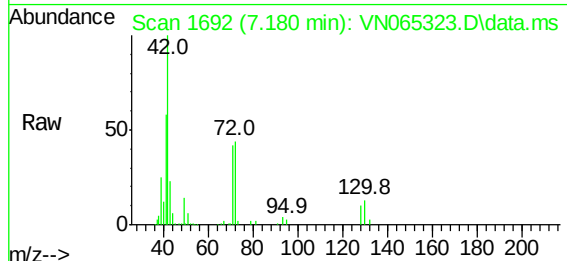
#260 (-)
Tetrahydrofuran
Concen: 96.09 ug/l
RT: 7.180 min Scan# 1692
Delta R.T. 0.003 min
Lab File: VN065323.D
Acq: 30 Dec 2020 16:22

Tgt Ion: 42 Resp: 134937
Ion Ratio Lower Upper
42 100
72 44.1 36.6 54.8
71 41.5 33.6 50.4

Instrument :
MSVOA_N
ClientSampleId :
VN1230WBSD01

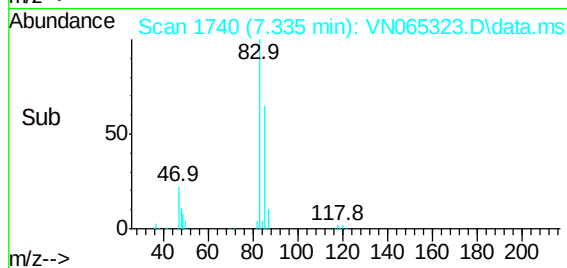
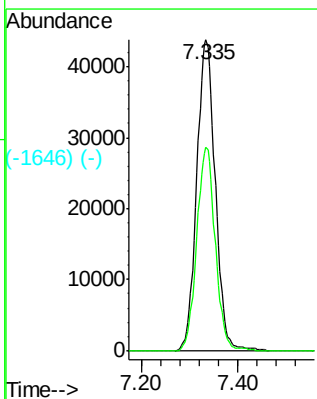
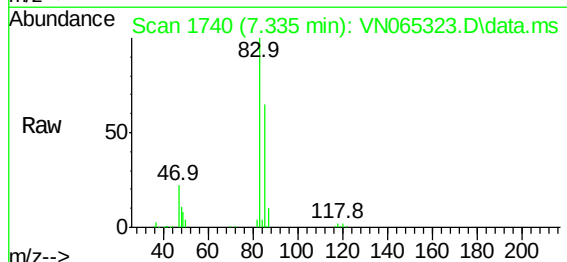
Manual Integrations
APPROVED

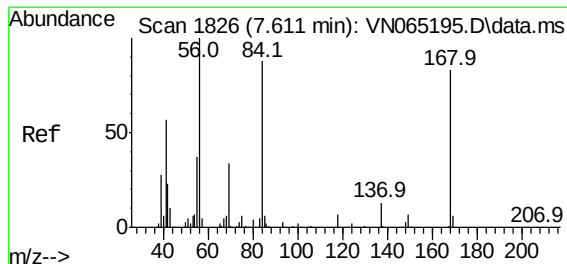
MMDadoda
12/31/2020 2:26:48 PM



#261 (-)
Chloroform
Concen: 18.75 ug/l
RT: 7.335 min Scan# 1740
Delta R.T. 0.003 min
Lab File: VN065323.D
Acq: 30 Dec 2020 16:22

Tgt Ion: 83 Resp: 116921
Ion Ratio Lower Upper
83 100
85 65.3 52.6 78.8





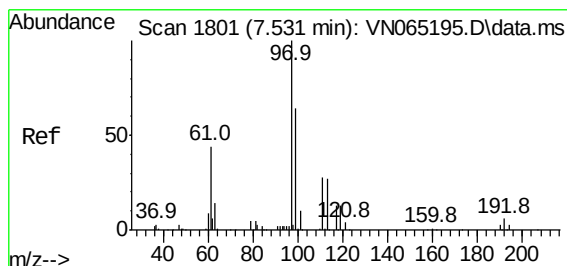
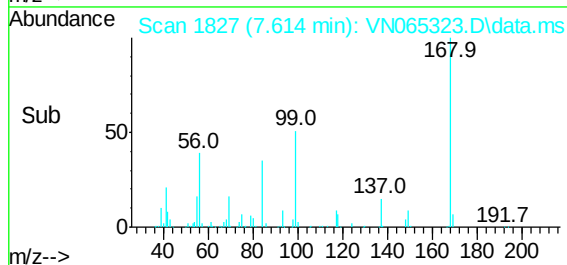
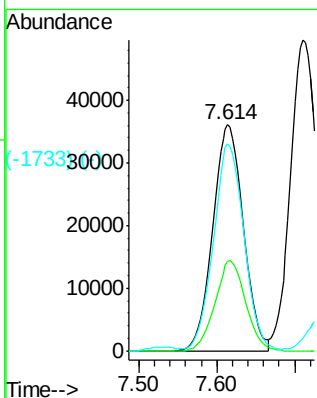
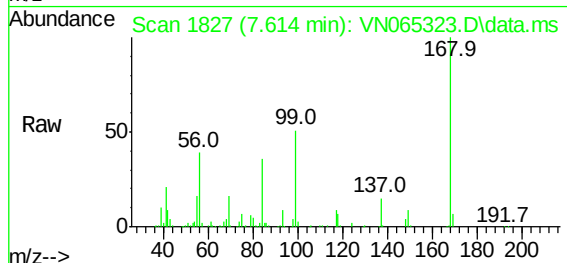
#185 (-)
Cyclohexane
Concen: 17.42 ug/l
RT: 7.614 min Scan# 1827
Delta R.T. 0.003 min
Lab File: VN065323.D
Acq: 30 Dec 2020 16:22

Tgt Ion: 56 Resp: 99490
Ion Ratio Lower Upper
56 100
69 39.7 27.5 41.3
84 90.2 73.9 110.9

Instrument :
MSVOA_N
ClientSampleId :
VN1230WBSD01

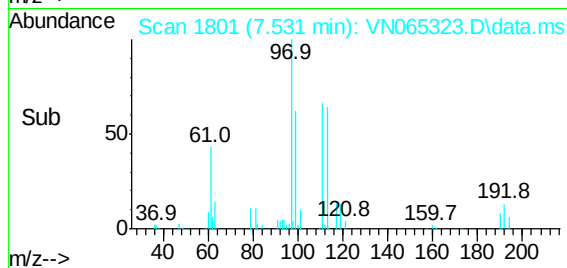
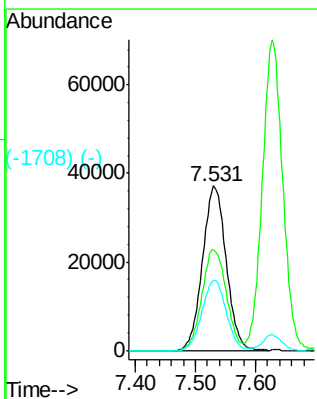
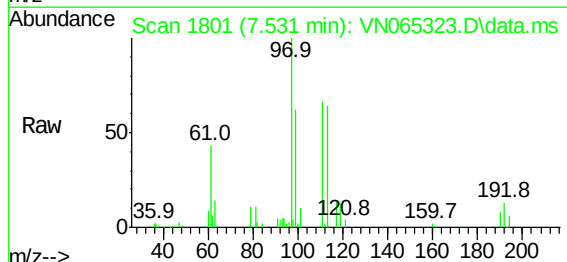
Manual Integrations
APPROVED

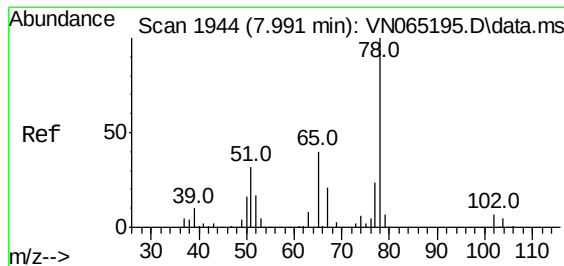
MMDadoda
12/31/2020 2:26:48 PM



#182 (-)
1,1,1-Trichloroethane
Concen: 17.68 ug/l
RT: 7.531 min Scan# 1801
Delta R.T. -0.000 min
Lab File: VN065323.D
Acq: 30 Dec 2020 16:22

Tgt Ion: 97 Resp: 99882
Ion Ratio Lower Upper
97 100
99 63.3 51.7 77.5
61 43.6 33.9 50.9





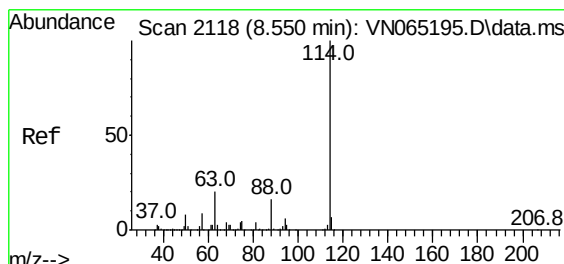
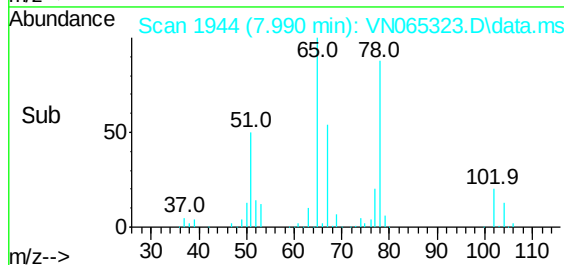
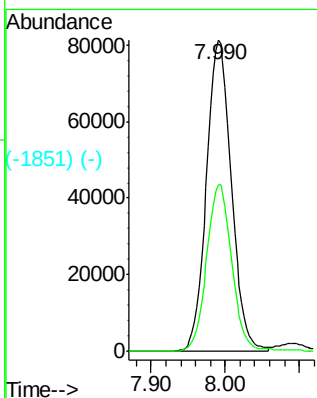
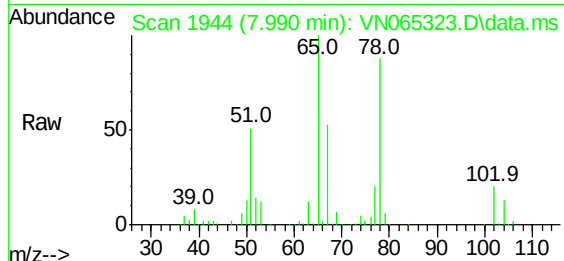
#1926 (-)
1,2-Dichloroethane-d4
Concen: 49.09 ug/l
RT: 7.990 min Scan# 1944
Delta R.T. -0.001 min
Lab File: VN065323.D
Acq: 30 Dec 2020 16:22

Tgt Ion: 65 Resp: 189907
Ion Ratio Lower Upper
65 100
67 53.9 0.0 108.2

Instrument :
MSVOA_N
ClientSampleId :
VN1230WBSD01

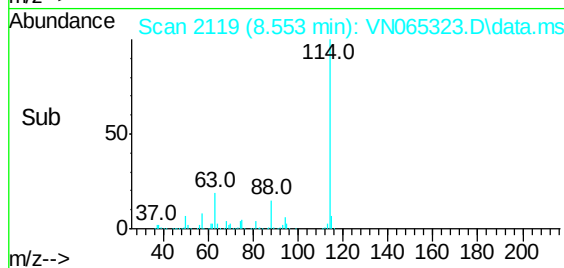
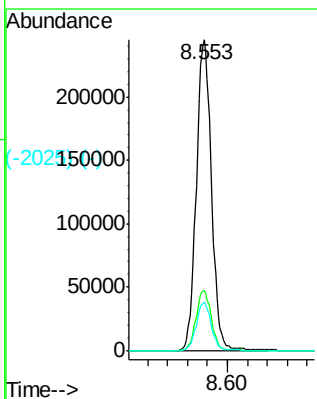
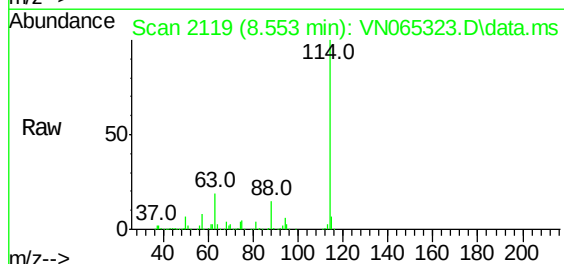
Manual Integrations
APPROVED

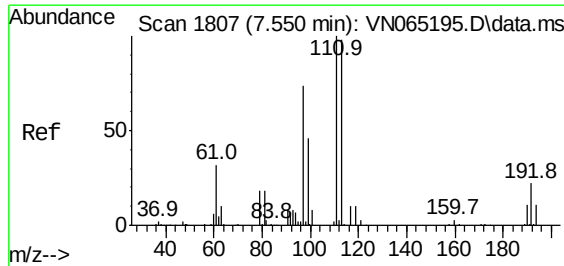
MMDadoda
12/31/2020 2:26:48 PM



#1926 (-)
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.553 min Scan# 2119
Delta R.T. 0.003 min
Lab File: VN065323.D
Acq: 30 Dec 2020 16:22

Tgt Ion:114 Resp: 514230
Ion Ratio Lower Upper
114 100
63 19.5 0.0 38.6
88 15.5 0.0 32.6





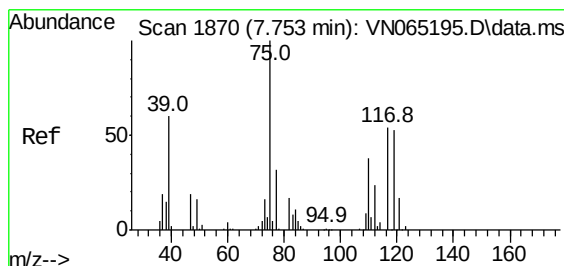
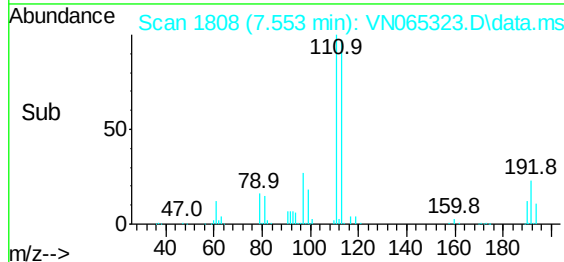
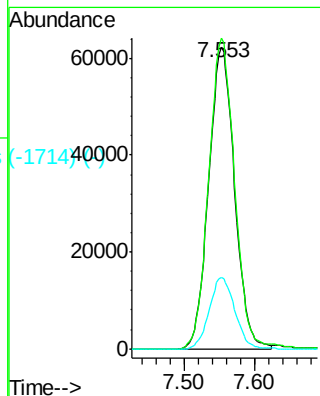
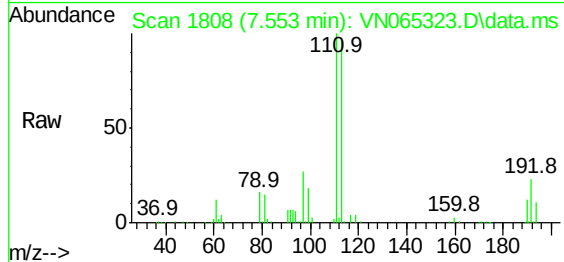
#358 (-)
Dibromofluoromethane
Concen: 51.11 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065323.D
Acq: 30 Dec 2020 16:22

Tgt Ion: 113 Resp: 158565
Ion Ratio Lower Upper
113 100
111 103.5 81.6 122.4
192 23.2 16.2 24.2

Instrument :
MSVOA_N
ClientSampleId :
VN1230WBSD01

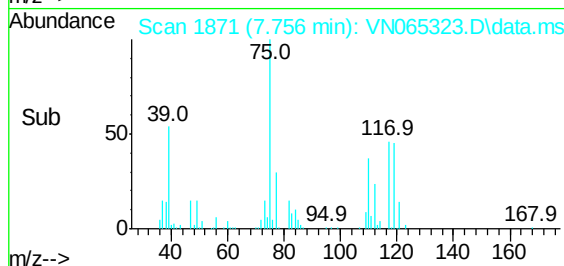
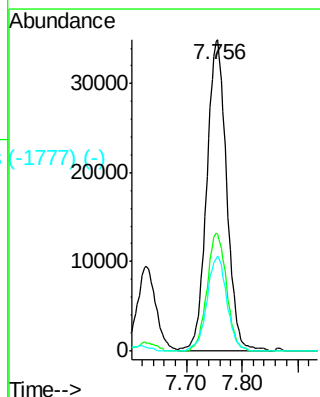
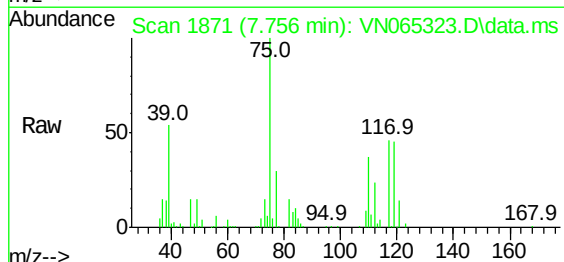
Manual Integrations
APPROVED

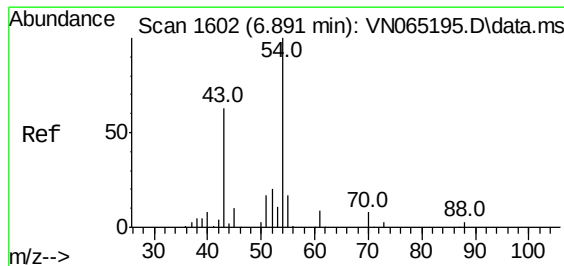
MMDadoda
12/31/2020 2:26:48 PM



#357 (-)
1,1-Dichloropropene
Concen: 18.41 ug/l
RT: 7.756 min Scan# 1871
Delta R.T. 0.003 min
Lab File: VN065323.D
Acq: 30 Dec 2020 16:22

Tgt Ion: 75 Resp: 86086
Ion Ratio Lower Upper
75 100
110 36.8 17.8 53.3
77 30.2 25.0 37.4





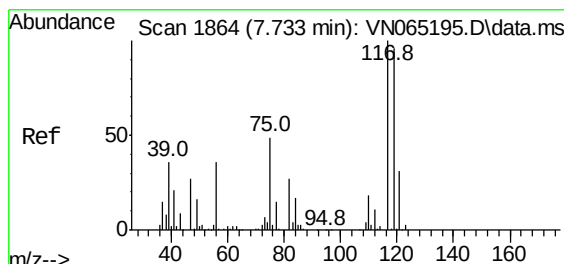
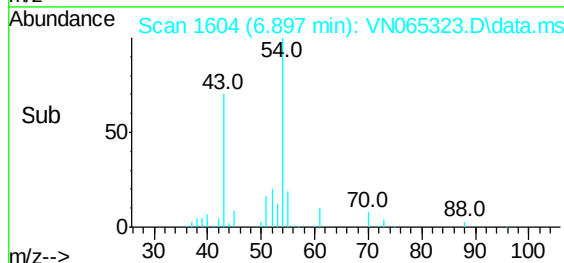
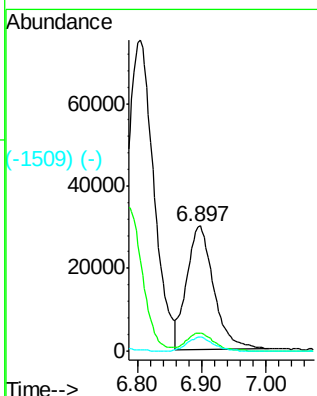
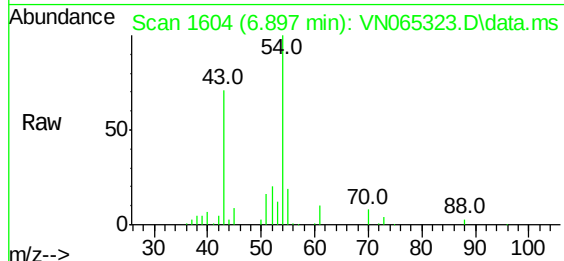
#191 (-)
Ethyl Acetate
Concen: 18.86 ug/l
RT: 6.897 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VN065323.D
Acq: 30 Dec 2020 16:22

Tgt Ion: 43 Resp: 87400
Ion Ratio Lower Upper
43 100
61 14.7 12.8 19.2
70 10.6 8.8 13.2

Instrument :
MSVOA_N
ClientSampleId :
VN1230WBSD01

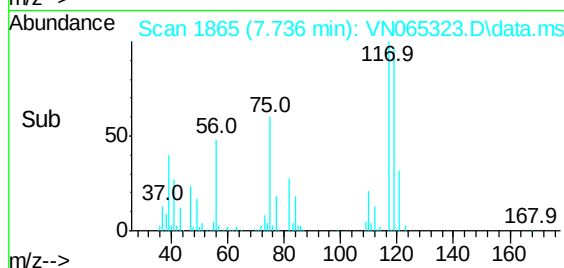
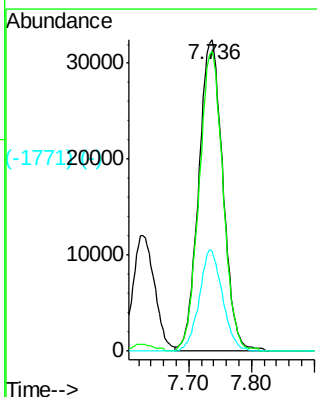
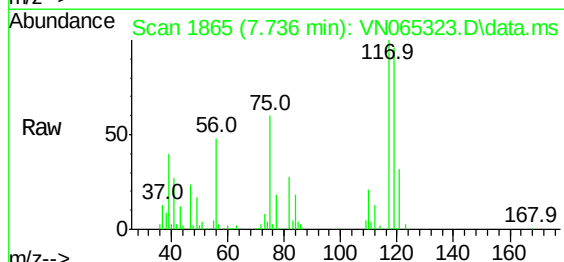
Manual Integrations
APPROVED

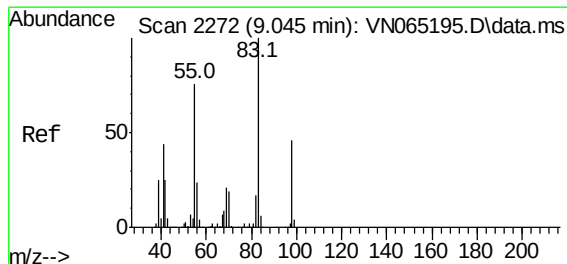
MMDadoda
12/31/2020 2:26:48 PM



#186 (-)
Carbon Tetrachloride
Concen: 17.52 ug/l
RT: 7.736 min Scan# 1865
Delta R.T. 0.003 min
Lab File: VN065323.D
Acq: 30 Dec 2020 16:22

Tgt Ion:117 Resp: 86036
Ion Ratio Lower Upper
117 100
119 96.3 76.7 115.1
121 32.2 25.4 38.2





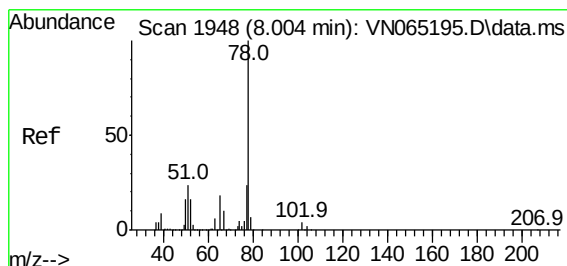
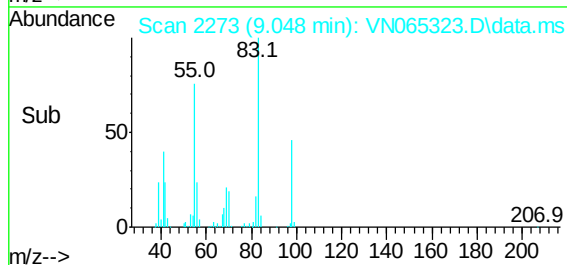
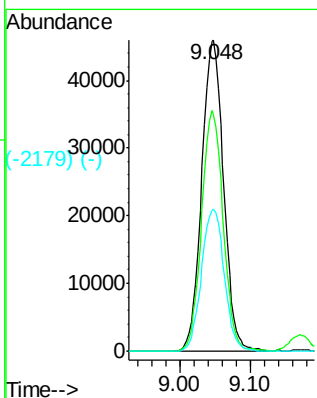
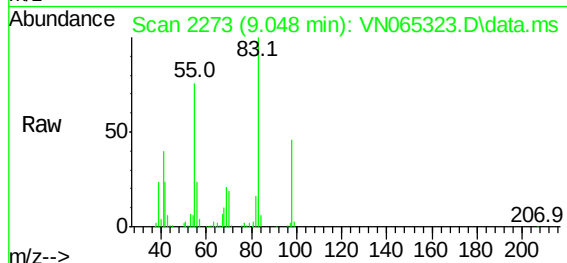
#225 (-)
Methylcyclohexane
Concen: 17.56 ug/l
RT: 9.048 min Scan# 2273
Delta R.T. 0.003 min
Lab File: VN065323.D
Acq: 30 Dec 2020 16:22

Tgt Ion: 83 Resp: 98641
Ion Ratio Lower Upper
83 100
55 76.2 60.2 90.2
98 45.8 37.4 56.2

Instrument :
MSVOA_N
ClientSampleId :
VN1230WBSD01

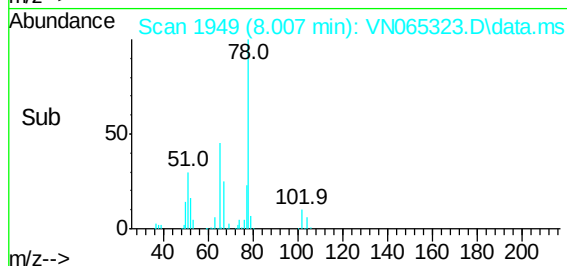
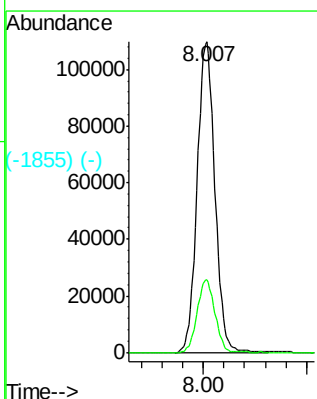
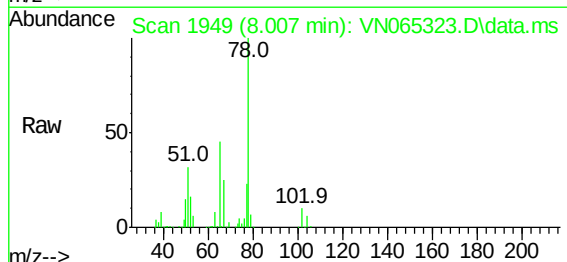
Manual Integrations
APPROVED

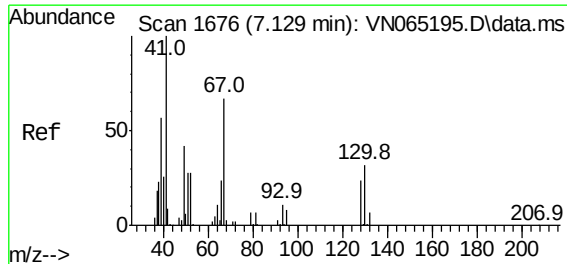
MMDadoda
12/31/2020 2:26:48 PM



#198 (-)
Benzene
Concen: 18.85 ug/l
RT: 8.007 min Scan# 1949
Delta R.T. 0.003 min
Lab File: VN065323.D
Acq: 30 Dec 2020 16:22

Tgt Ion: 78 Resp: 262189
Ion Ratio Lower Upper
78 100
77 23.2 17.9 26.9





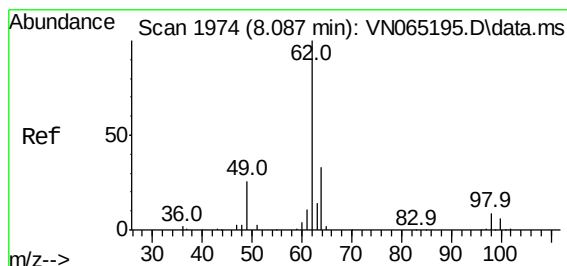
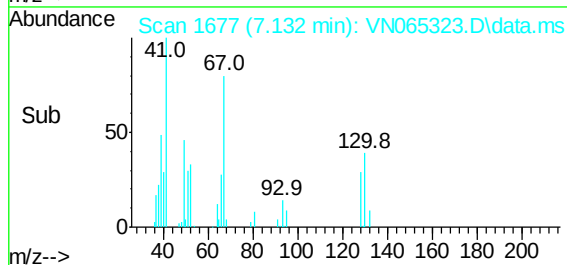
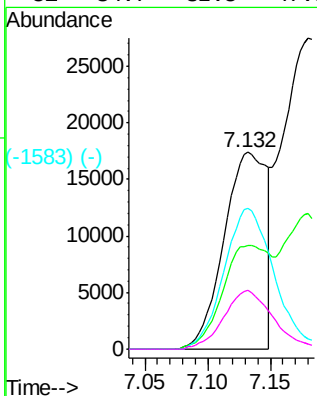
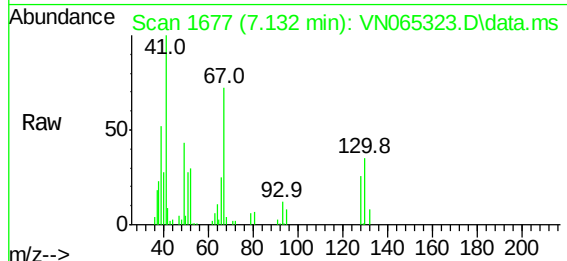
(-1410) (-)
Methacrylonitrile
Concen: 16.85 ug/l
RT: 7.132 min Scan# 1677
Delta R.T. 0.003 min
Lab File: VN065323.D
Acq: 30 Dec 2020 16:22

Tgt Ion:	41	Resp:	40626
Ion Ratio	Lower	Upper	
41	100		
39	62.2	51.0	76.6
67	85.8	79.8	119.8
52	34.7	31.5	47.3

Instrument :
MSVOA_N
ClientSampleId :
VN1230WBSD01

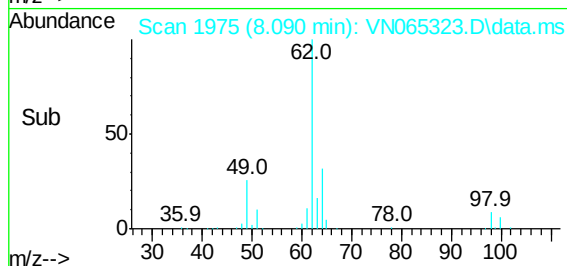
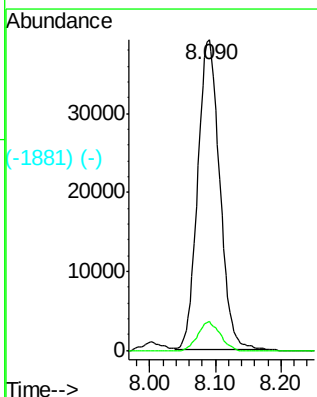
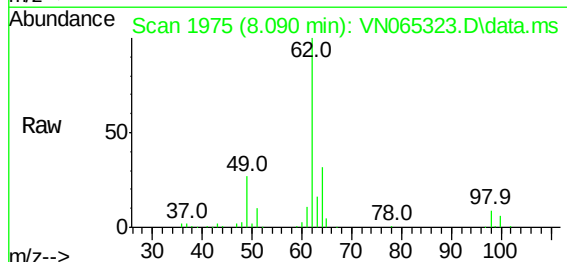
Manual Integrations
APPROVED

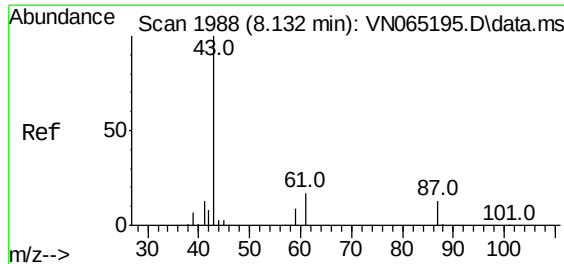
MMDadoda
12/31/2020 2:26:48 PM



(-1498) (-)
1,2-Dichloroethane
Concen: 17.65 ug/l
RT: 8.090 min Scan# 1975
Delta R.T. 0.003 min
Lab File: VN065323.D
Acq: 30 Dec 2020 16:22

Tgt Ion:	62	Resp:	90708
Ion Ratio	Lower	Upper	
62	100		
98	9.3	0.0	19.6





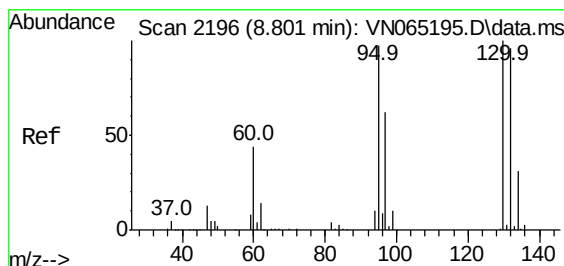
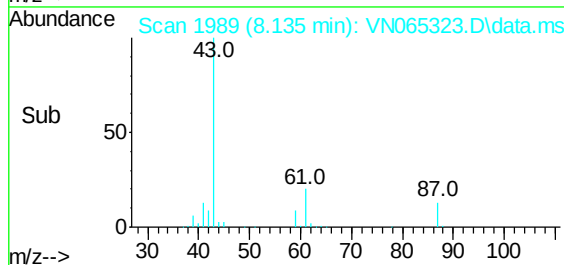
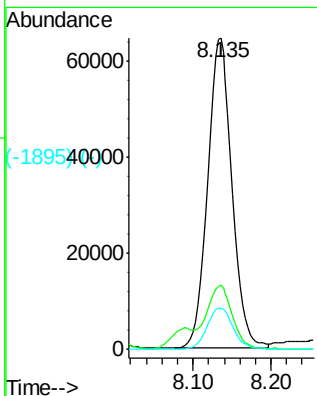
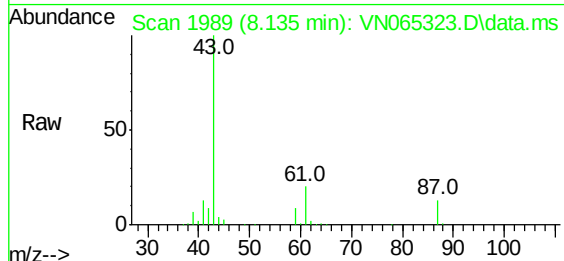
#438 (-)
Isopropyl Acetate
Concen: 17.78 ug/l
RT: 8.135 min Scan# 1989
Delta R.T. 0.003 min
Lab File: VN065323.D
Acq: 30 Dec 2020 16:22

Tgt Ion: 43 Resp: 142061
Ion Ratio Lower Upper
43 100
61 21.5 17.2 25.8
87 13.8 11.4 17.0

Instrument :
MSVOA_N
ClientSampleId :
VN1230WBSD01

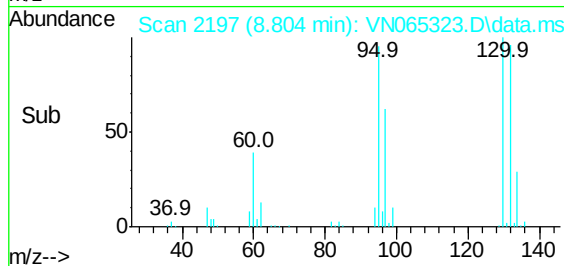
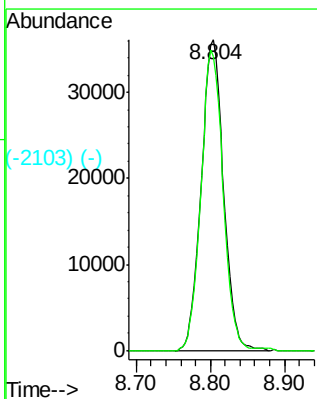
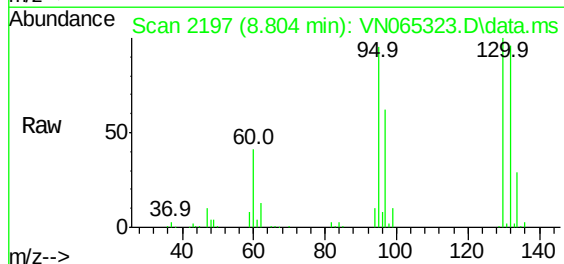
Manual Integrations
APPROVED

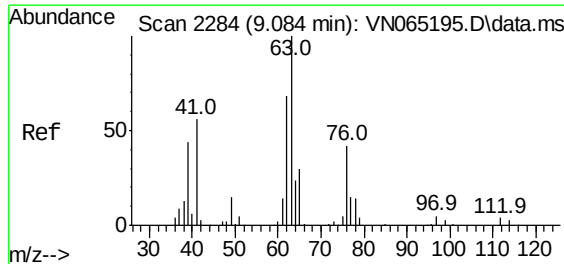
MMDadoda
12/31/2020 2:26:48 PM



#440 (-)
Trichloroethene
Concen: 18.75 ug/l
RT: 8.804 min Scan# 2197
Delta R.T. 0.003 min
Lab File: VN065323.D
Acq: 30 Dec 2020 16:22

Tgt Ion:130 Resp: 75270
Ion Ratio Lower Upper
130 100
95 94.8 0.0 197.8



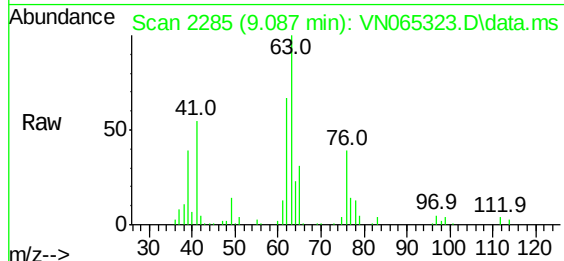


#452 (-)
1,2-Dichloropropane
Concen: 19.41 ug/l
RT: 9.087 min Scan# 2285
Delta R.T. 0.003 min
Lab File: VN065323.D
Acq: 30 Dec 2020 16:22

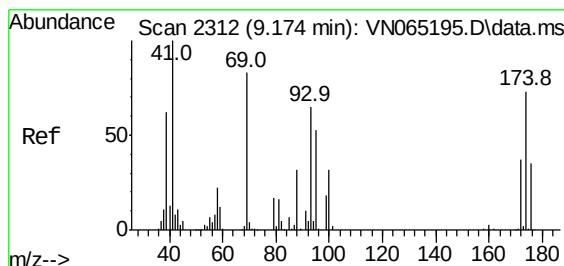
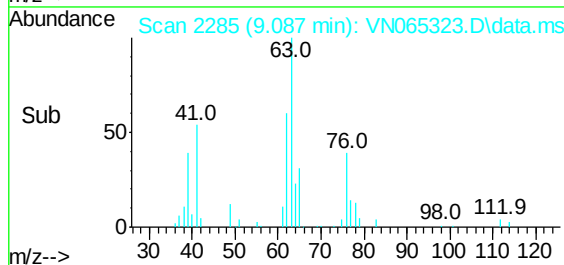
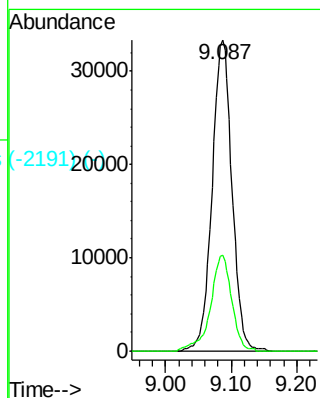
Instrument :
MSVOA_N
ClientSampleId :
VN1230WBSD01

Manual Integrations
APPROVED

MMDadoda
12/31/2020 2:26:48 PM

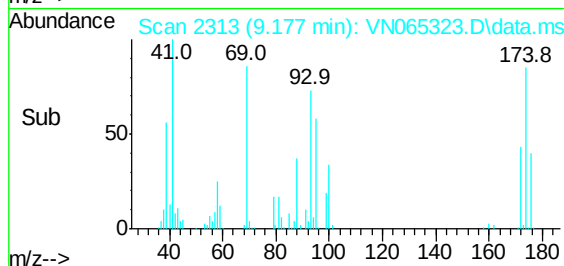
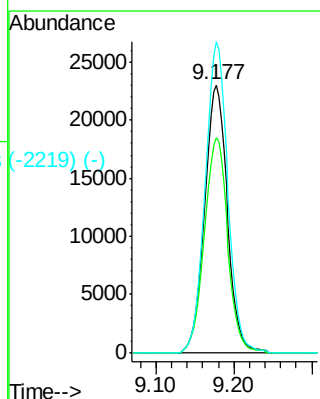
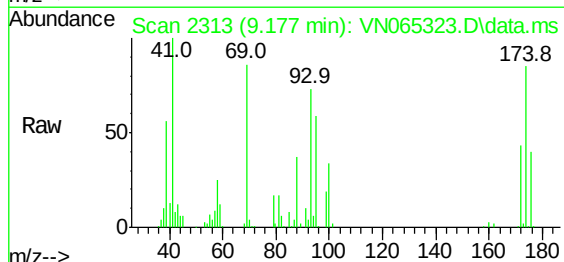


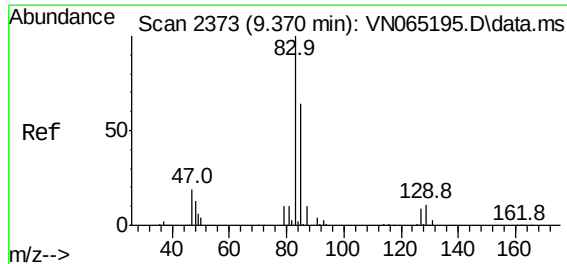
Tgt Ion: 63 Resp: 70169
Ion Ratio Lower Upper
63 100
65 30.7 25.0 37.4



#457 (-)
Dibromomethane
Concen: 18.97 ug/l
RT: 9.177 min Scan# 2313
Delta R.T. 0.003 min
Lab File: VN065323.D
Acq: 30 Dec 2020 16:22

Tgt Ion: 93 Resp: 46590
Ion Ratio Lower Upper
93 100
95 82.4 68.8 103.2
174 115.7 83.1 124.7





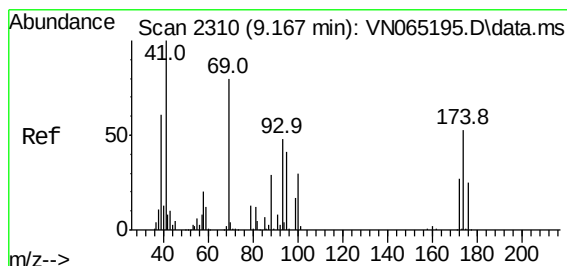
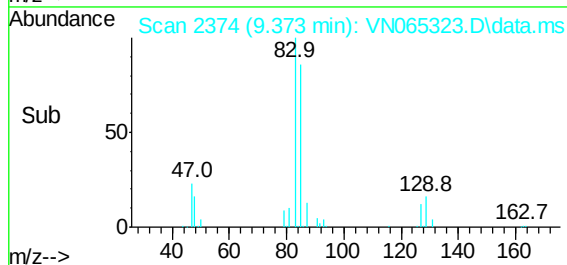
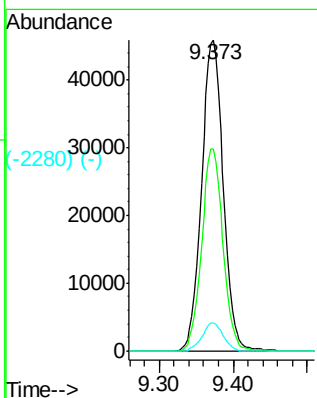
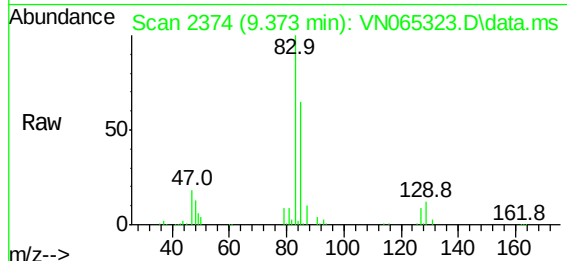
#47 (-)
Bromodichloromethane
Concen: 17.93 ug/l
RT: 9.373 min Scan# 2374
Delta R.T. 0.003 min
Lab File: VN065323.D
Acq: 30 Dec 2020 16:22

Tgt Ion: 83 Resp: 92840
Ion Ratio Lower Upper
83 100
85 65.0 51.8 77.8
127 9.0 6.8 10.2

Instrument :
MSVOA_N
ClientSampleId :
VN1230WBSD01

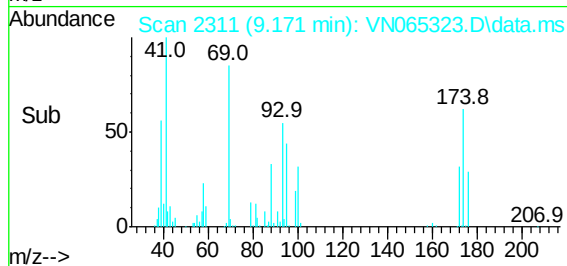
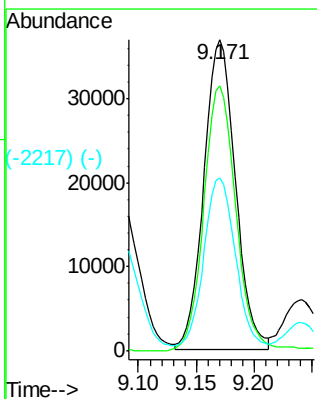
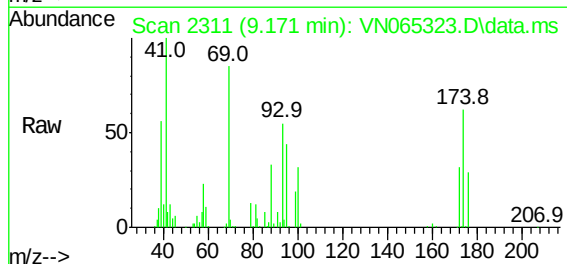
Manual Integrations
APPROVED

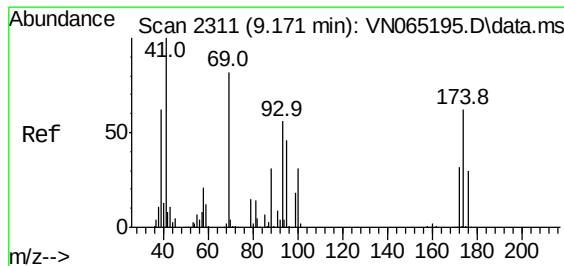
MMDadoda
12/31/2020 2:26:48 PM



#48 (-)
Methyl methacrylate
Concen: 18.03 ug/l
RT: 9.171 min Scan# 2311
Delta R.T. 0.004 min
Lab File: VN065323.D
Acq: 30 Dec 2020 16:22

Tgt Ion: 41 Resp: 69903
Ion Ratio Lower Upper
41 100
69 86.2 71.8 107.8
39 56.1 44.1 66.1





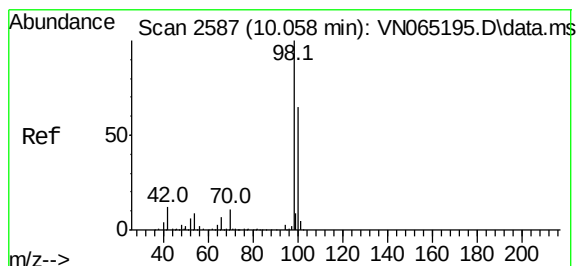
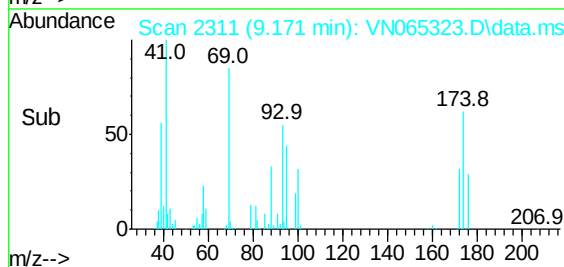
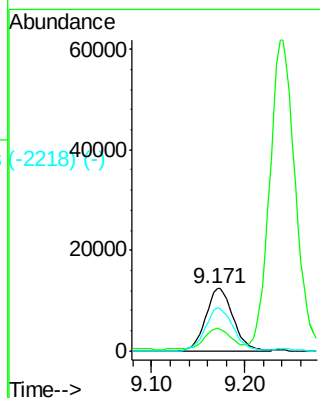
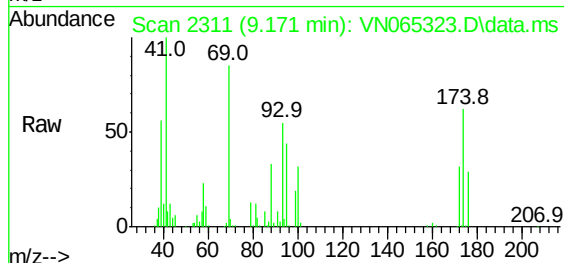
#2297 (-)
1,4-Dioxane
Concen: 401.56 ug/l
RT: 9.171 min Scan# 2311
Delta R.T. -0.000 min
Lab File: VN065323.D
Acq: 30 Dec 2020 16:22

Instrument :
MSVOA_N
ClientSampleId :
VN1230WBSD01

Tgt Ion: 88 Resp: 25235
Ion Ratio Lower Upper
88 100
43 32.9 24.2 36.4
58 70.0 52.5 78.7

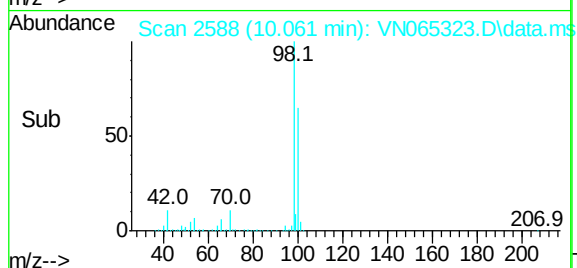
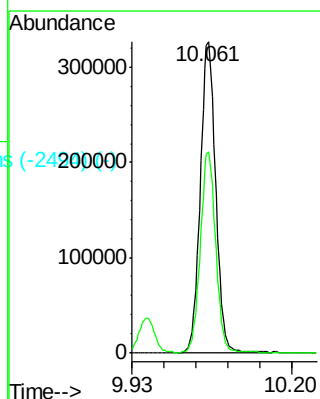
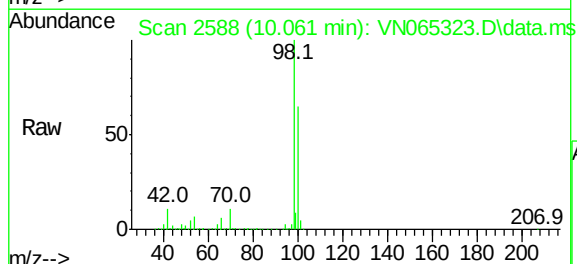
Manual Integrations
APPROVED

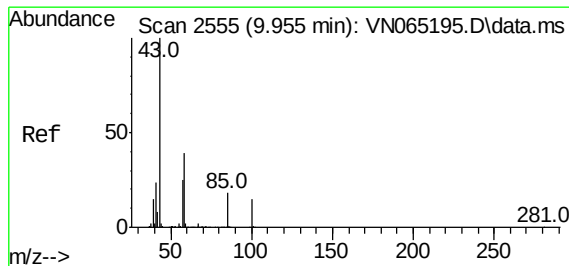
MMDadoda
12/31/2020 2:26:48 PM



#22971 (-)
To Luene-d8
Concen: 51.67 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.003 min
Lab File: VN065323.D
Acq: 30 Dec 2020 16:22

Tgt Ion: 98 Resp: 600795
Ion Ratio Lower Upper
98 100
100 64.4 51.7 77.5





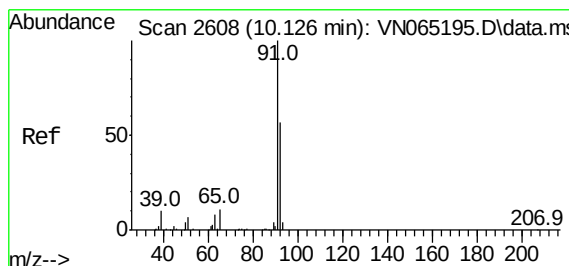
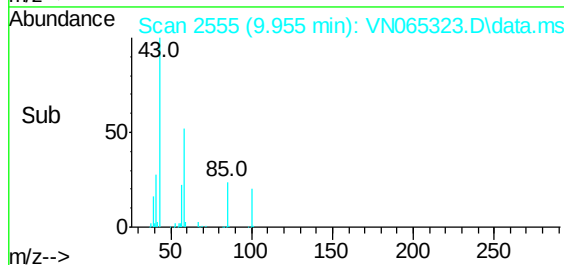
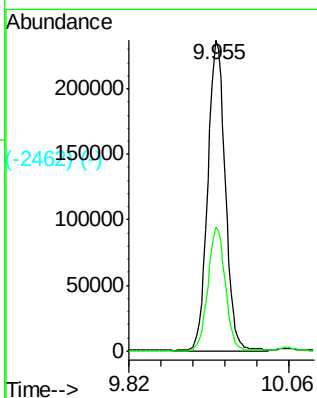
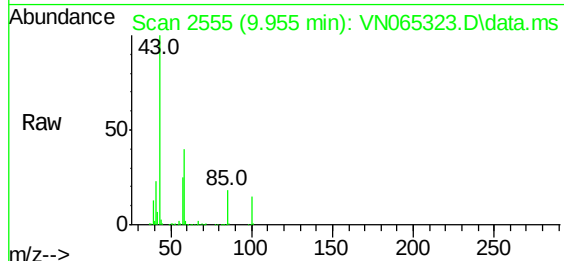
#518 (-)
4-Methyl-2-Pentanone
Concen: 95.95 ug/l
RT: 9.955 min Scan# 2555
Delta R.T. 0.000 min
Lab File: VN065323.D
Acq: 30 Dec 2020 16:22

Tgt Ion: 43 Resp: 430909
Ion Ratio Lower Upper
43 100
58 39.6 32.4 48.6

Instrument :
MSVOA_N
ClientSampleId :
VN1230WBSD01

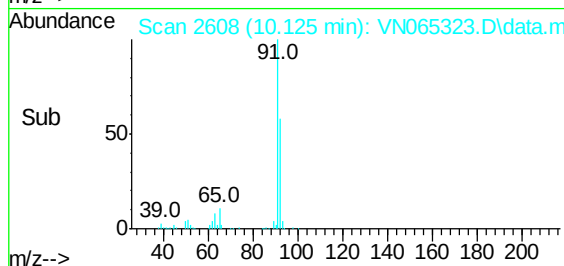
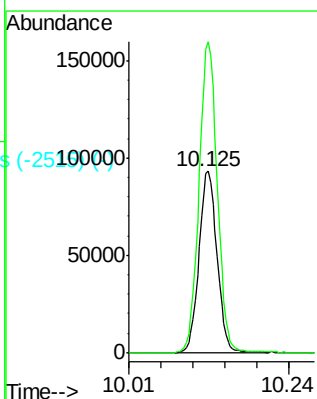
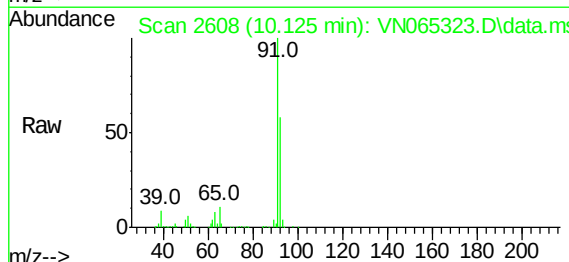
Manual Integrations
APPROVED

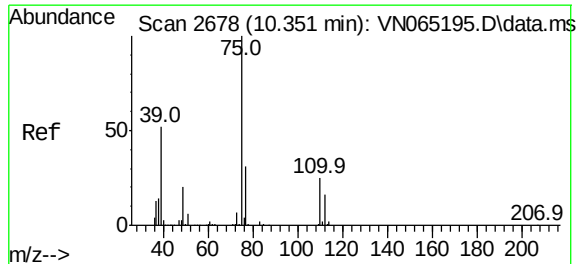
MMDadoda
12/31/2020 2:26:48 PM



#519 (-)
Toluene
Concen: 19.20 ug/l
RT: 10.125 min Scan# 2608
Delta R.T. -0.001 min
Lab File: VN065323.D
Acq: 30 Dec 2020 16:22

Tgt Ion: 92 Resp: 168353
Ion Ratio Lower Upper
92 100
91 173.8 139.1 208.7



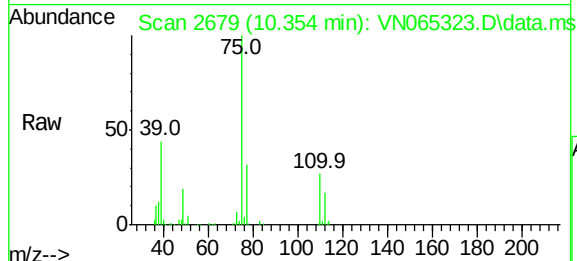


t-1,3-Dichloropropene
Concen: 17.62 ug/l
RT: 10.354 min Scan# 2679
Delta R.T. 0.003 min
Lab File: VN065323.D
Acq: 30 Dec 2020 16:22

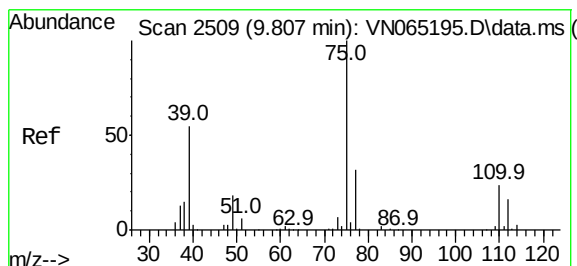
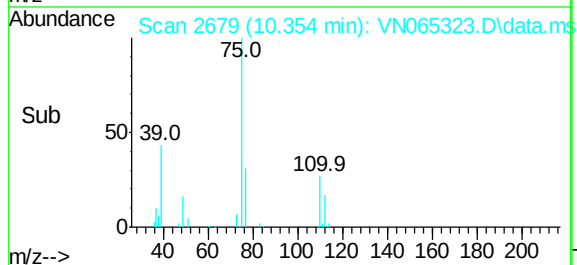
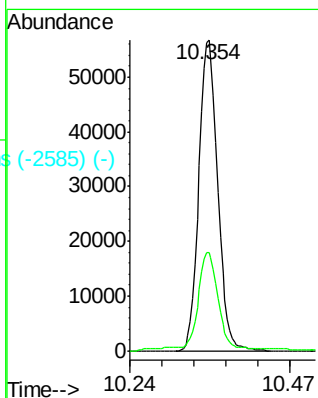
Instrument :
MSVOA_N
ClientSampleId :
VN1230WBSD01

Manual Integrations
APPROVED

MMDadoda
12/31/2020 2:26:48 PM

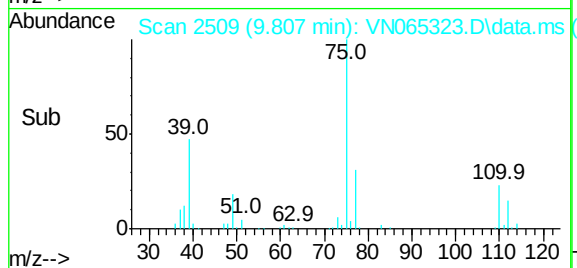
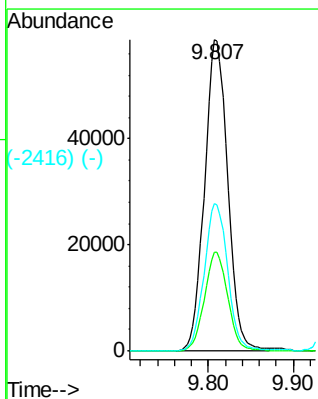
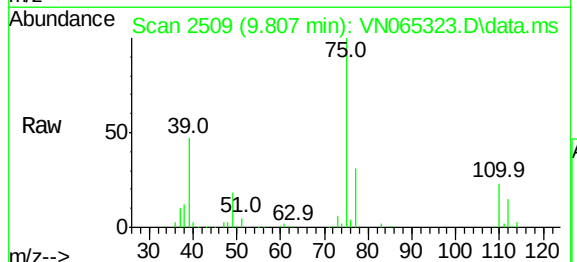


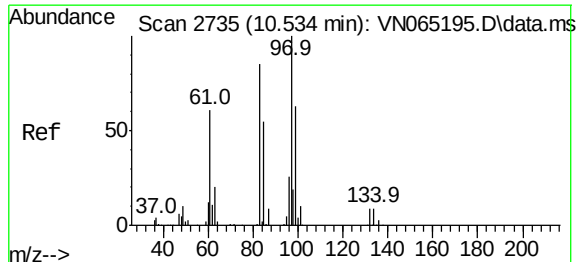
Tgt Ion: 75 Resp: 102803
Ion Ratio Lower Upper
75 100
77 31.2 25.8 38.6



cis-1,3-Dichloropropene
Concen: 17.85 ug/l
RT: 9.807 min Scan# 2509
Delta R.T. 0.000 min
Lab File: VN065323.D
Acq: 30 Dec 2020 16:22

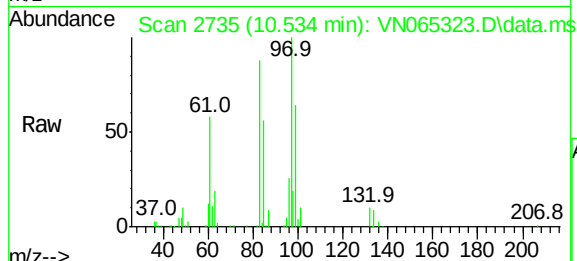
Tgt Ion: 75 Resp: 110691
Ion Ratio Lower Upper
75 100
77 31.4 25.5 38.3
39 47.3 35.6 53.4





#5520 (-)
1,1,2-Trichloroethane
Concen: 19.39 ug/l
RT: 10.534 min Scan# 2735
Delta R.T. -0.000 min
Lab File: VN065323.D
Acq: 30 Dec 2020 16:22

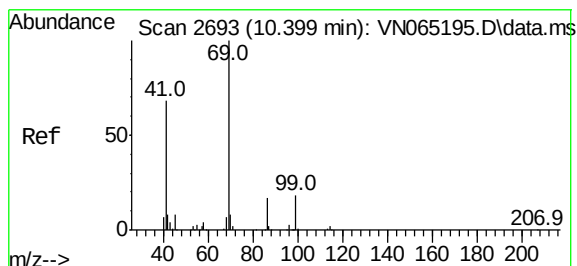
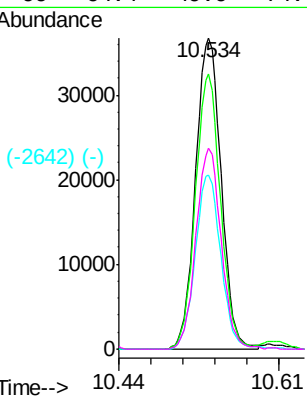
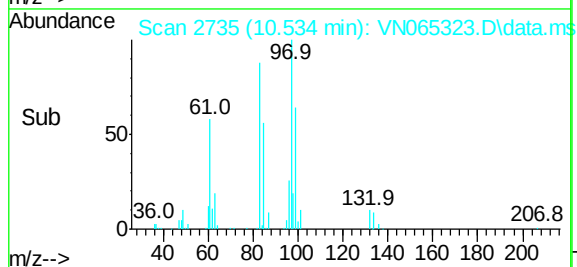
Instrument :
MSVOA_N
ClientSampleId :
VN1230WBSD01



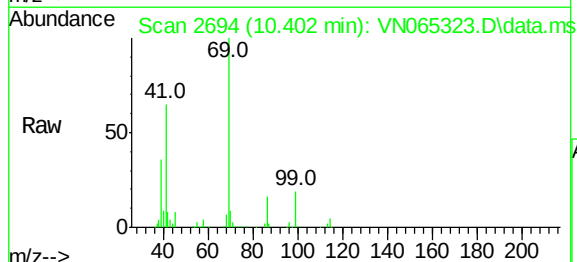
Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.4	72.1	108.1
85	56.1	46.8	70.2
99	64.4	49.6	74.4

Manual Integrations
APPROVED

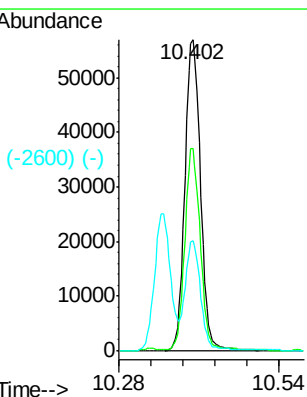
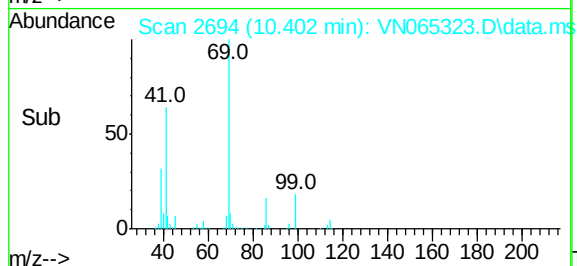
MMDadoda
12/31/2020 2:26:48 PM

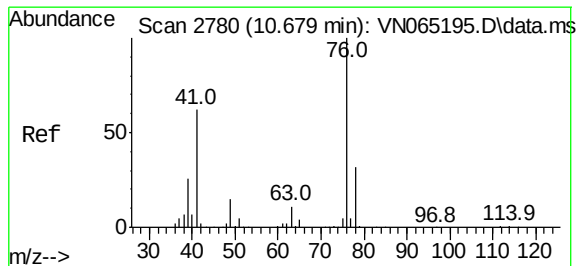


#5679 (-)
Ethyl methacrylate
Concen: 18.58 ug/l
RT: 10.402 min Scan# 2694
Delta R.T. 0.003 min
Lab File: VN065323.D
Acq: 30 Dec 2020 16:22



Tgt Ion	Ratio	Lower	Upper
69	100		
41	63.3	49.4	74.0
39	34.2	25.9	38.9





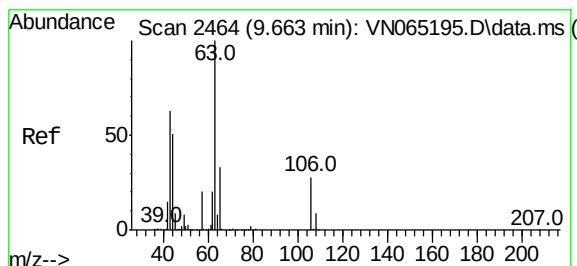
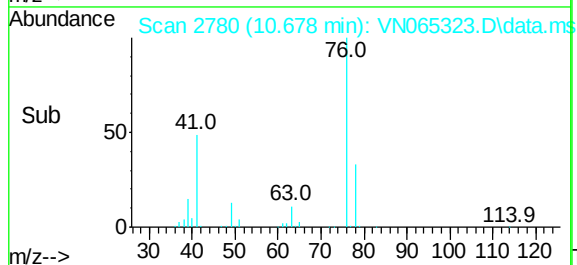
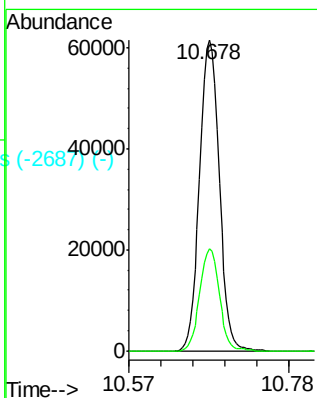
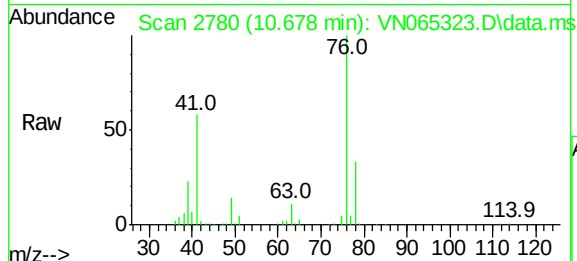
#5765 (-)
1,3-Dichloropropane
Concen: 19.23 ug/l
RT: 10.678 min Scan# 2780
Delta R.T. -0.001 min
Lab File: VN065323.D
Acq: 30 Dec 2020 16:22

Tgt Ion: 76 Resp: 110058
Ion Ratio Lower Upper
76 100
78 32.8 26.1 39.1

Instrument :
MSVOA_N
ClientSampleId :
VN1230WBSD01

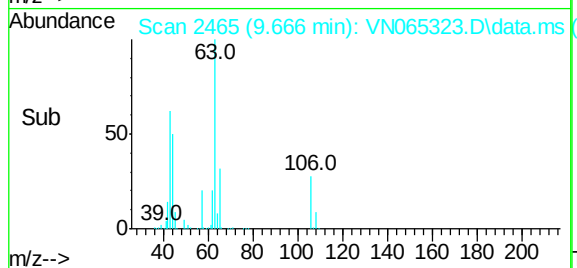
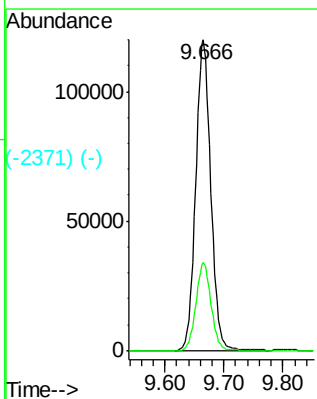
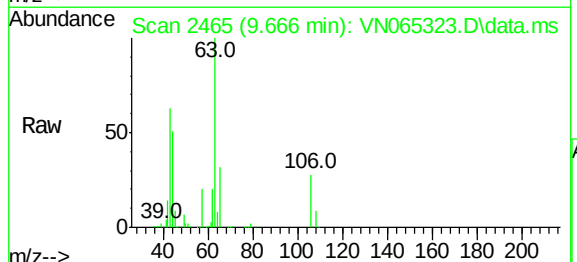
Manual Integrations
APPROVED

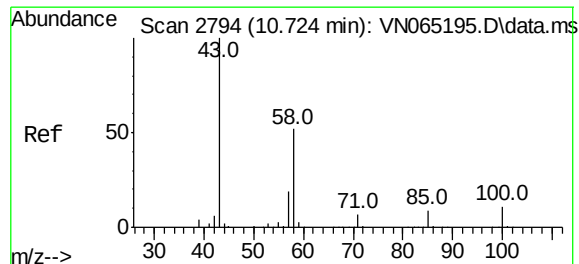
MMDadoda
12/31/2020 2:26:48 PM



#5766 (-)
2-Chloroethyl Vinyl ether
Concen: 92.64 ug/l
RT: 9.666 min Scan# 2465
Delta R.T. 0.003 min
Lab File: VN065323.D
Acq: 30 Dec 2020 16:22

Tgt Ion: 63 Resp: 216497
Ion Ratio Lower Upper
63 100
106 28.2 22.7 34.1



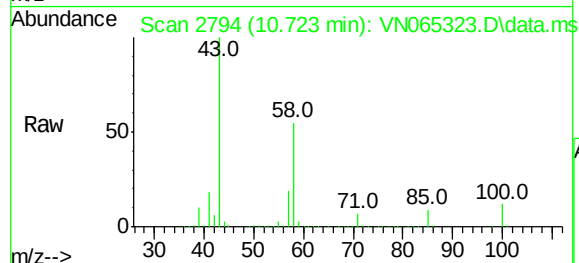


#5977 (-)
2-Hexanone
Concen: 97.57 ug/l
RT: 10.723 min Scan# 2794
Delta R.T. -0.001 min
Lab File: VN065323.D
Acq: 30 Dec 2020 16:22

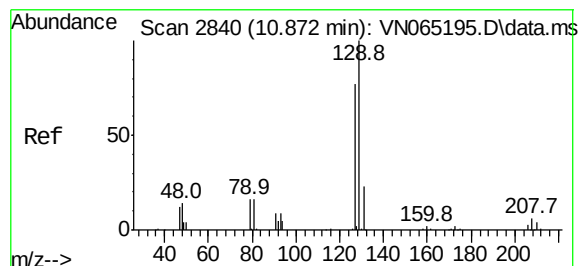
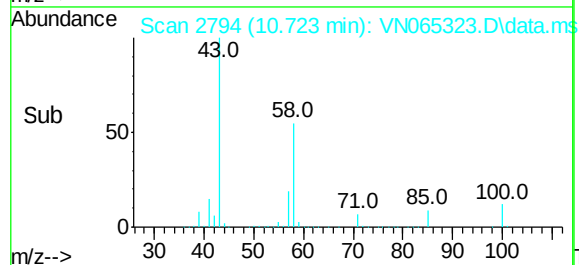
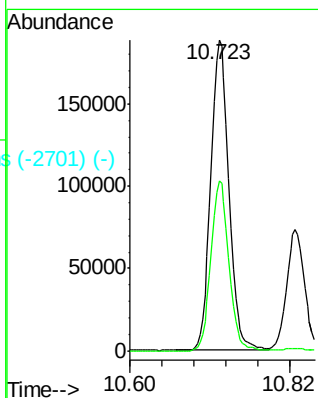
Instrument :
MSVOA_N
ClientSampleId :
VN1230WBSD01

Manual Integrations
APPROVED

MMDadoda
12/31/2020 2:26:48 PM

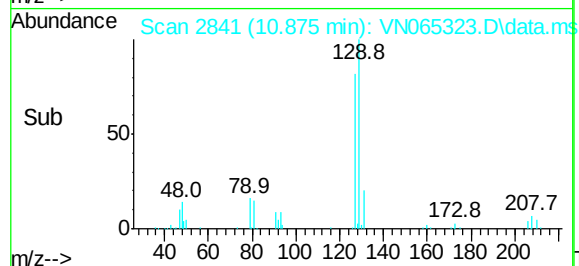
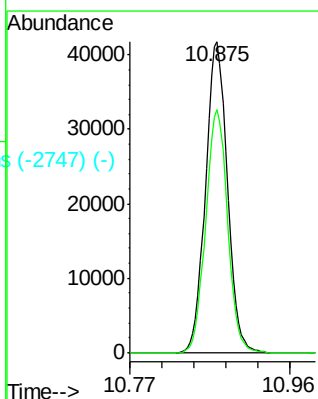
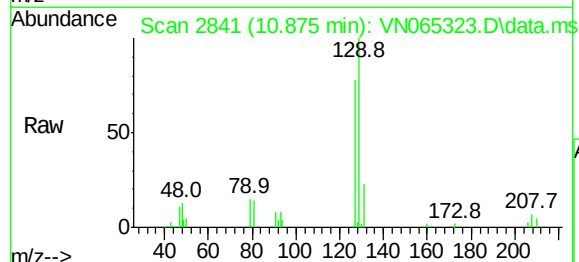


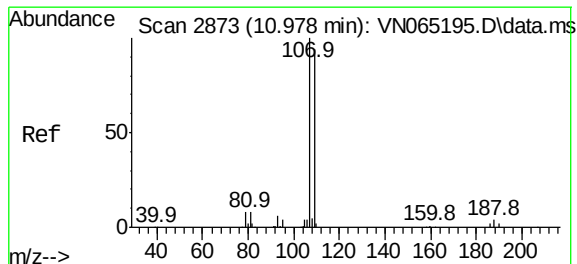
Tgt Ion: 43 Resp: 322117
Ion Ratio Lower Upper
43 100
58 54.3 28.3 84.9



#6026 (-)
Dibromochloromethane
Concen: 17.96 ug/l
RT: 10.875 min Scan# 2841
Delta R.T. 0.003 min
Lab File: VN065323.D
Acq: 30 Dec 2020 16:22

Tgt Ion: 129 Resp: 74273
Ion Ratio Lower Upper
129 100
127 78.0 39.1 117.2



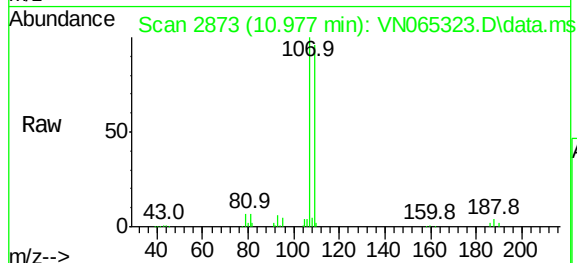


1,2-Dibromoethane
 Concen: 18.98 ug/l
 RT: 10.977 min Scan# 2873
 Delta R.T. -0.001 min
 Lab File: VN065323.D
 Acq: 30 Dec 2020 16:22

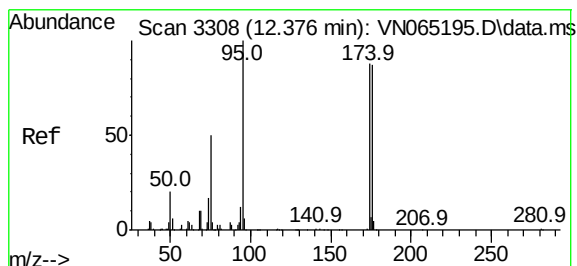
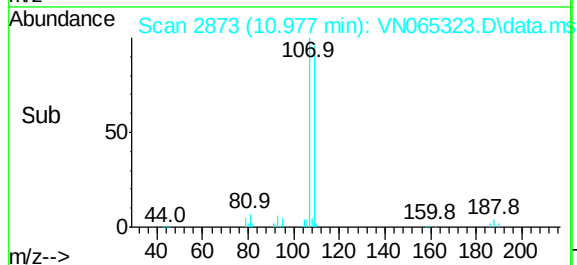
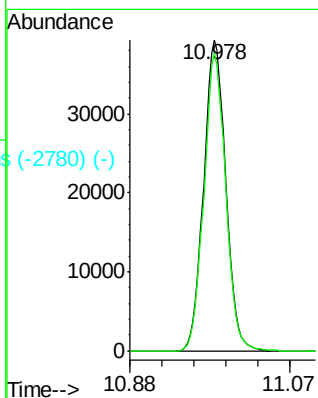
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1230WBSD01

Manual Integrations
 APPROVED

MMDadoda
 12/31/2020 2:26:48 PM

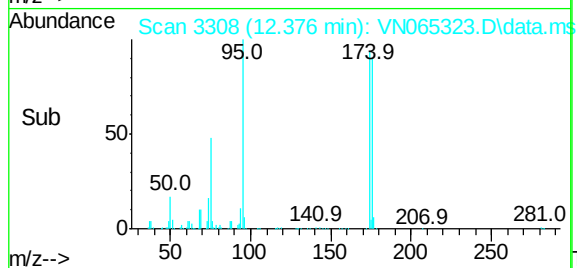
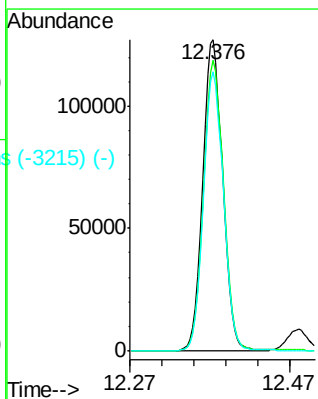
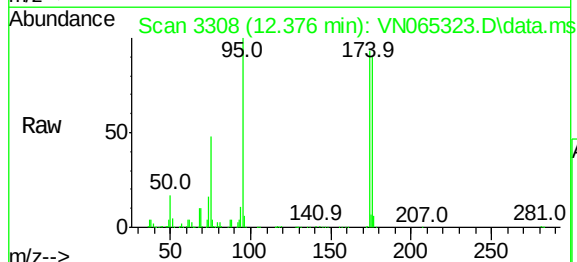


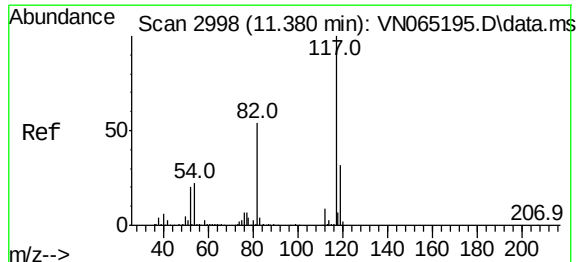
Tgt Ion: 107 Resp: 70677
 Ion Ratio Lower Upper
 107 100
 109 94.6 76.0 114.0



4-Bromofluorobenzene
 Concen: 46.47 ug/l
 RT: 12.376 min Scan# 3308
 Delta R.T. 0.000 min
 Lab File: VN065323.D
 Acq: 30 Dec 2020 16:22

Tgt Ion: 95 Resp: 211823
 Ion Ratio Lower Upper
 95 100
 174 93.8 0.0 160.4
 176 90.0 0.0 158.4



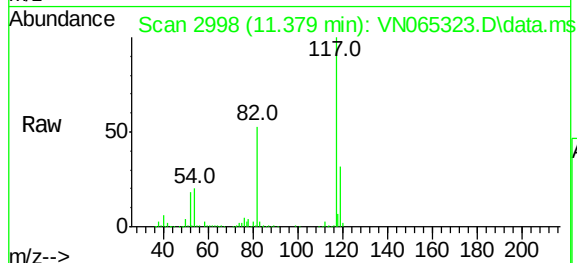


#693 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.379 min Scan# 2998
Delta R.T. -0.001 min
Lab File: VN065323.D
Acq: 30 Dec 2020 16:22

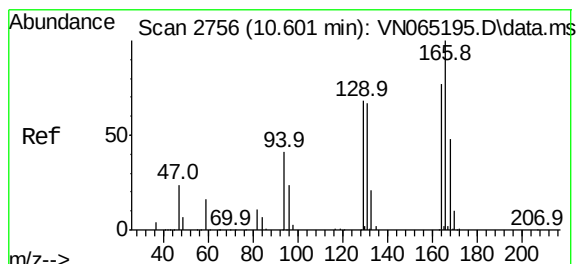
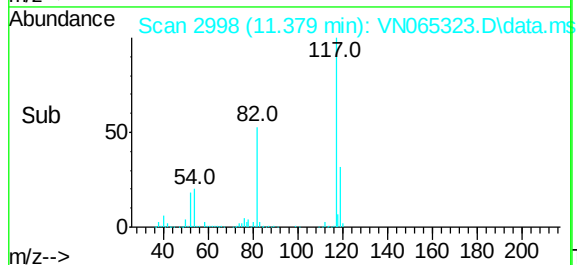
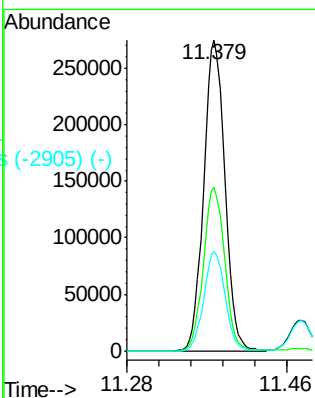
Instrument :
MSVOA_N
ClientSampleId :
VN1230WBSD01

Manual Integrations
APPROVED

MMDadoda
12/31/2020 2:26:48 PM

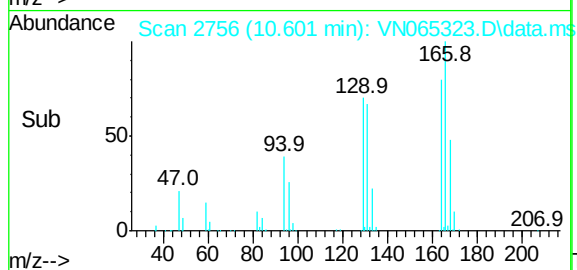
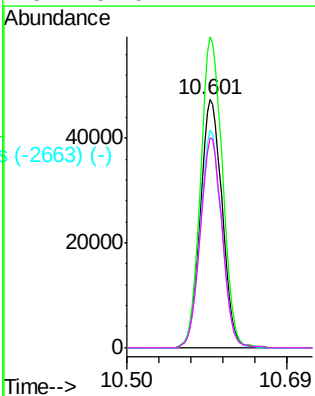
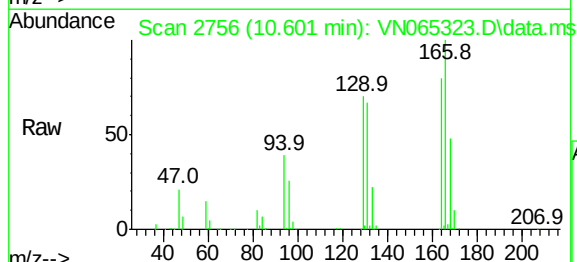


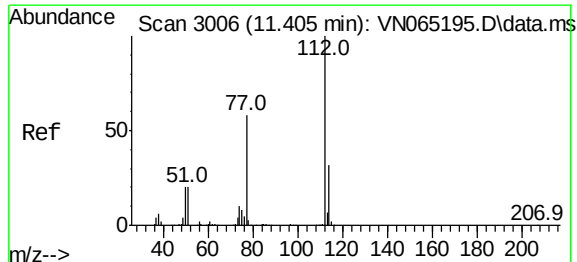
Tgt Ion:	117	Resp:	473618
Ion Ratio	Lower	Upper	
117	100		
82	52.7	44.2	66.2
119	32.1	25.8	38.6



#6742 (-)
Tetrachloroethene
Concen: 18.71 ug/l
RT: 10.601 min Scan# 2756
Delta R.T. 0.000 min
Lab File: VN065323.D
Acq: 30 Dec 2020 16:22

Tgt Ion:	164	Resp:	86076
Ion Ratio	Lower	Upper	
164	100		
166	125.5	101.4	152.0
129	87.6	76.1	114.1
131	84.5	74.2	111.2





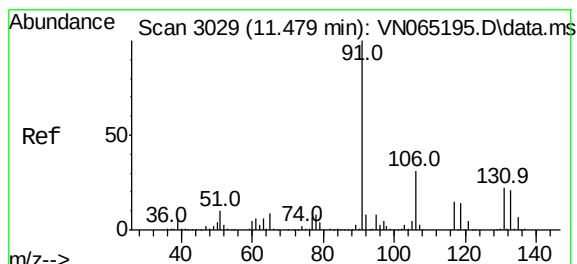
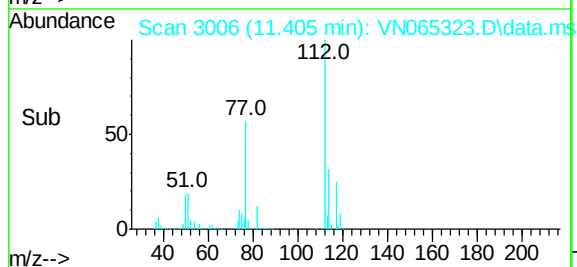
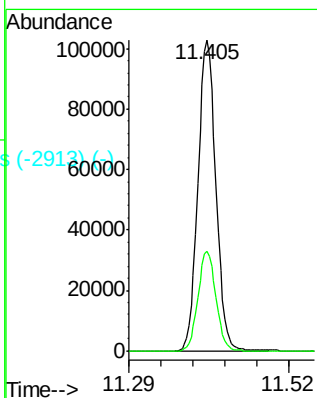
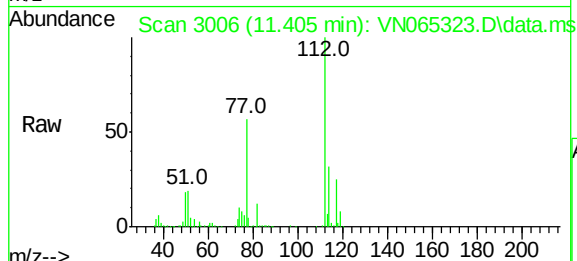
#6591 (-)
Chlorobenzene
Concen: 18.70 ug/l
RT: 11.405 min Scan# 3006
Delta R.T. 0.000 min
Lab File: VN065323.D
Acq: 30 Dec 2020 16:22

Tgt Ion:112 Resp: 180243
Ion Ratio Lower Upper
112 100
114 32.2 25.1 37.7

Instrument :
MSVOA_N
ClientSampleId :
VN1230WBSD01

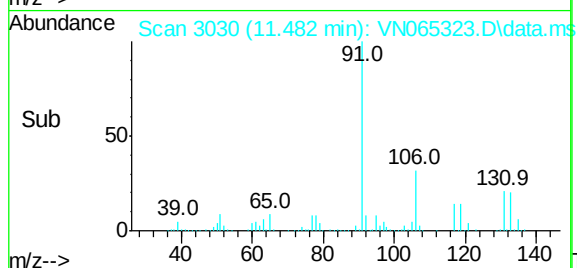
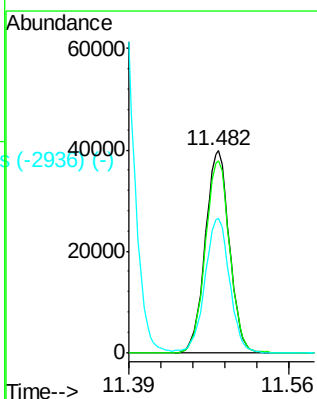
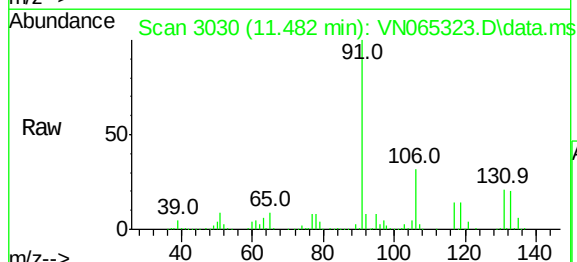
Manual Integrations
APPROVED

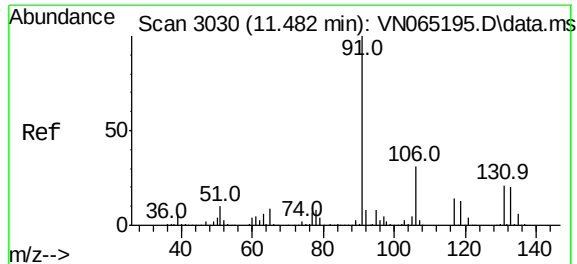
MMDadoda
12/31/2020 2:26:48 PM



#6615 (-)
1,1,1,2-Tetrachloroethane
Concen: 18.28 ug/l
RT: 11.482 min Scan# 3030
Delta R.T. 0.003 min
Lab File: VN065323.D
Acq: 30 Dec 2020 16:22

Tgt Ion:131 Resp: 68569
Ion Ratio Lower Upper
131 100
133 96.3 47.5 142.5
119 67.8 33.3 99.8





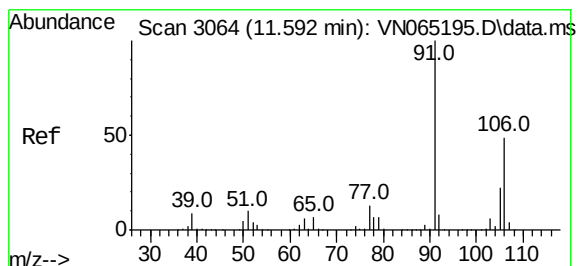
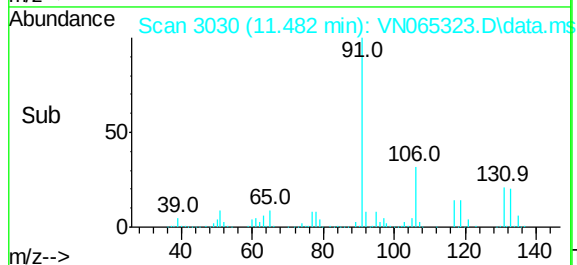
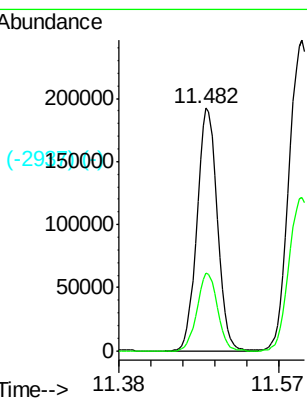
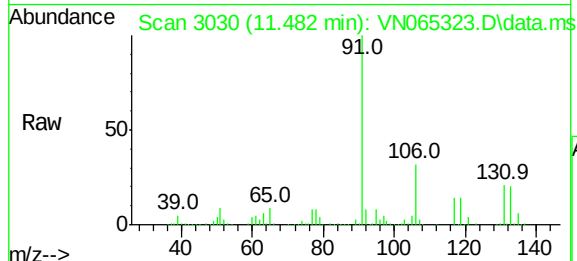
#6715 (-)
Ethyl Benzene
Concen: 18.26 ug/l
RT: 11.482 min Scan# 3030
Delta R.T. 0.000 min
Lab File: VN065323.D
Acq: 30 Dec 2020 16:22

Tgt Ion: 91 Resp: 317248
Ion Ratio Lower Upper
91 100
106 31.9 25.2 37.8

Instrument :
MSVOA_N
ClientSampleId :
VN1230WBSD01

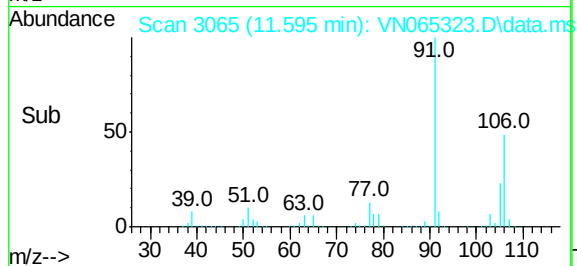
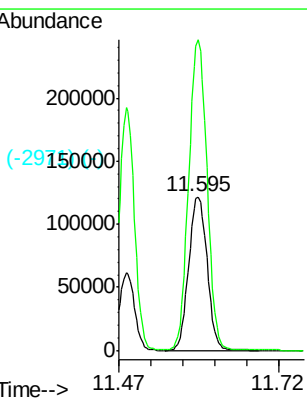
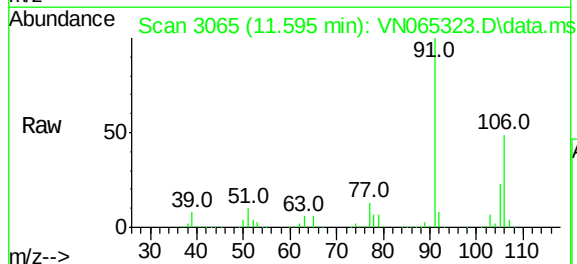
Manual Integrations
APPROVED

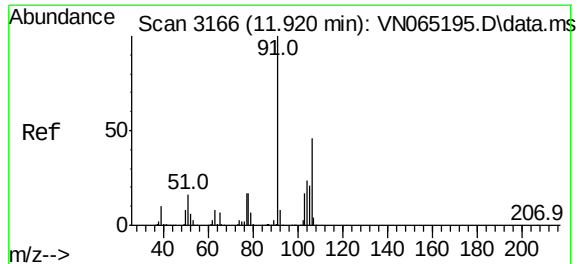
MMDadoda
12/31/2020 2:26:48 PM



#6048 (-)
m/p-Xylenes
Concen: 36.77 ug/l
RT: 11.595 min Scan# 3065
Delta R.T. 0.003 min
Lab File: VN065323.D
Acq: 30 Dec 2020 16:22

Tgt Ion:106 Resp: 240608
Ion Ratio Lower Upper
106 100
91 201.6 161.0 241.4



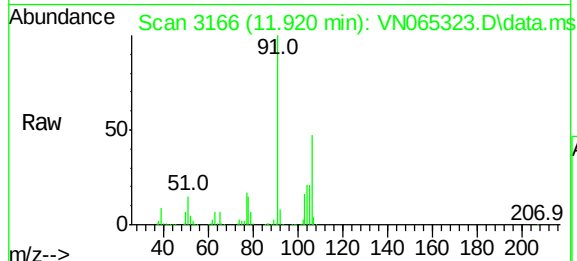


#6952 (-)
o-Xylene
Concen: 18.63 ug/l
RT: 11.920 min Scan# 3166
Delta R.T. -0.000 min
Lab File: VN065323.D
Acq: 30 Dec 2020 16:22

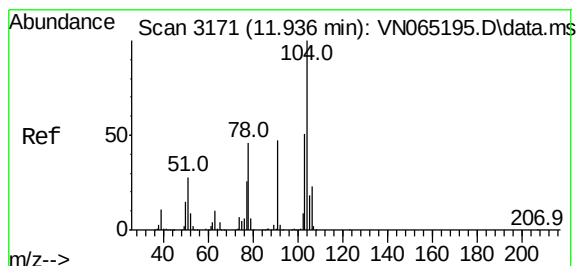
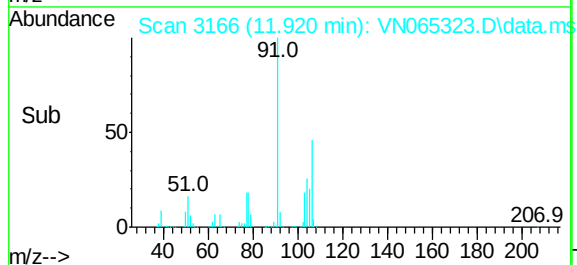
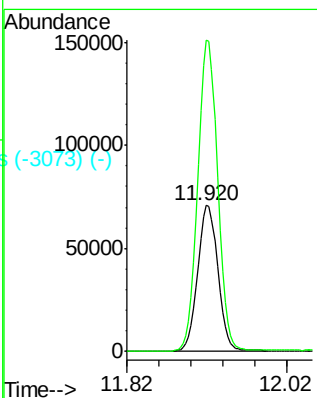
Instrument :
MSVOA_N
ClientSampleId :
VN1230WBSD01

Manual Integrations
APPROVED

MMDadoda
12/31/2020 2:26:48 PM

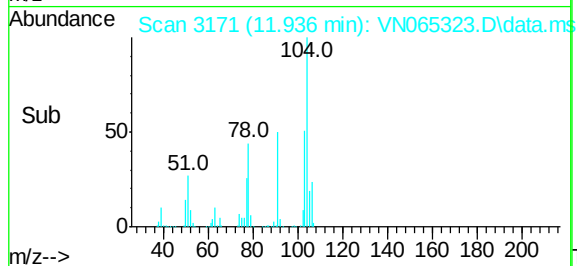
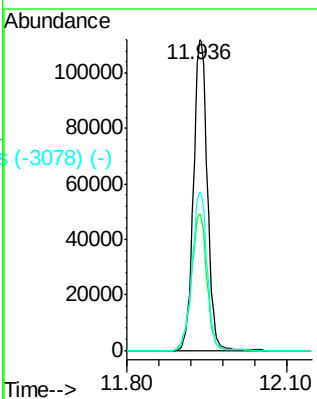
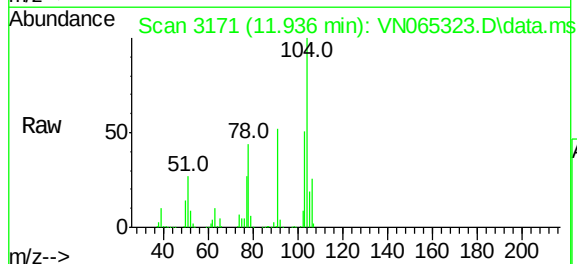


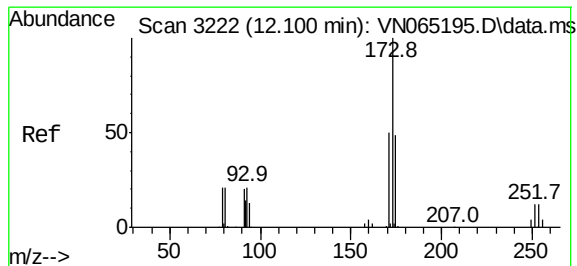
Tgt Ion:106 Resp: 118341
Ion Ratio Lower Upper
106 100
91 211.8 105.5 316.5



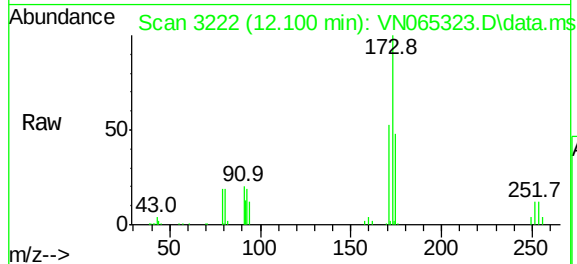
#7055 (-)
Styrene
Concen: 18.46 ug/l
RT: 11.936 min Scan# 3171
Delta R.T. -0.000 min
Lab File: VN065323.D
Acq: 30 Dec 2020 16:22

Tgt Ion:104 Resp: 195630
Ion Ratio Lower Upper
104 100
78 48.6 39.0 58.6
103 55.3 44.3 66.5

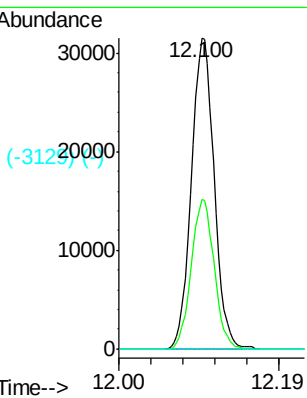
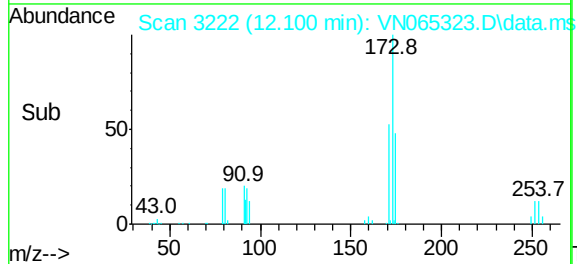




#3208 (-)
Bromoform
Concen: 17.54 ug/l
RT: 12.100 min Scan# 3222
Delta R.T. -0.000 min
Lab File: VN065323.D
Acq: 30 Dec 2020 16:22



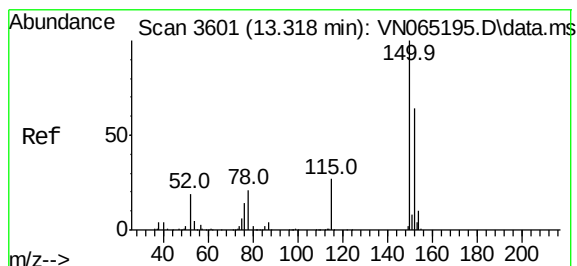
Tgt Ion:173 Resp: 56657
Ion Ratio Lower Upper
173 100
175 48.4 24.3 72.8
254 0.0 0.0 0.0



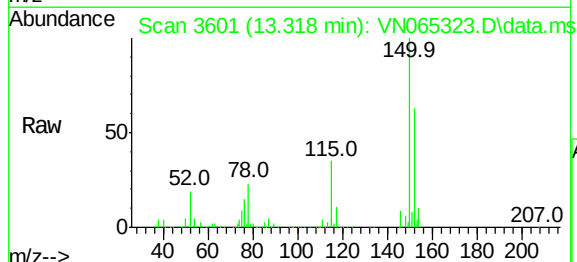
Instrument :
MSVOA_N
ClientSampleId :
VN1230WBSD01

Manual Integrations
APPROVED

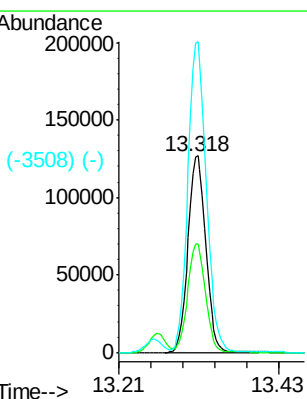
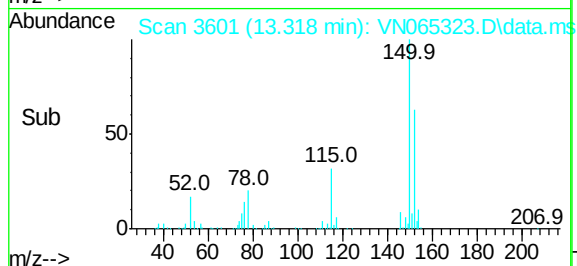
MMDadoda
12/31/2020 2:26:48 PM

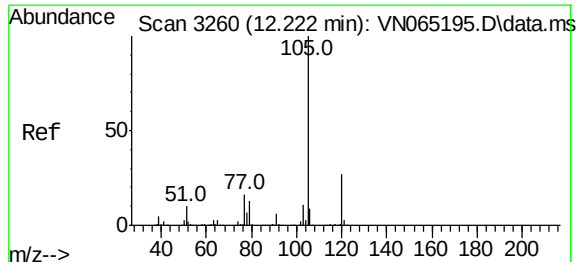


#3607 (-)
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065323.D
Acq: 30 Dec 2020 16:22

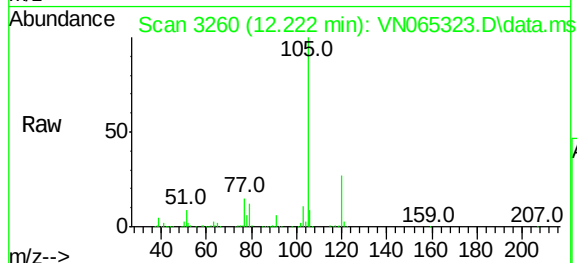


Tgt Ion:152 Resp: 216695
Ion Ratio Lower Upper
152 100
115 55.5 29.7 89.1
150 163.6 0.0 350.6

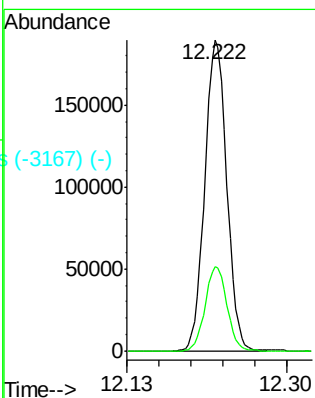
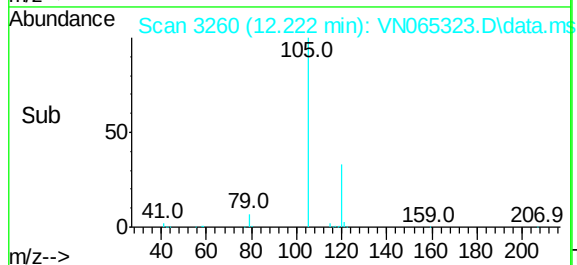




#3245 (-)
Isopropylbenzene
Concen: 18.80 ug/l
RT: 12.222 min Scan# 3260
Delta R.T. -0.000 min
Lab File: VN065323.D
Acq: 30 Dec 2020 16:22



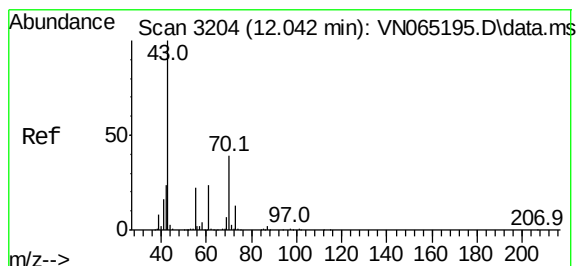
Tgt Ion:105 Resp: 310210
Ion Ratio Lower Upper
105 100
120 26.8 13.3 39.9



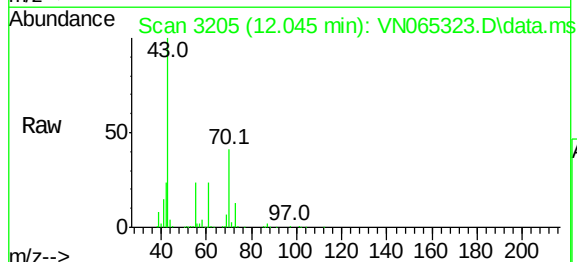
Instrument :
MSVOA_N
ClientSampleId :
VN1230WBSD01

Manual Integrations
APPROVED

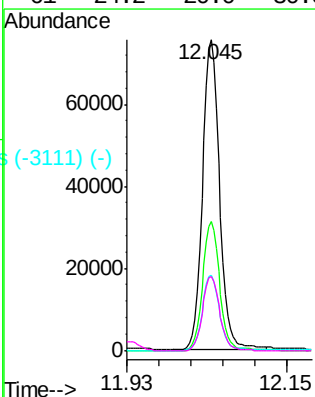
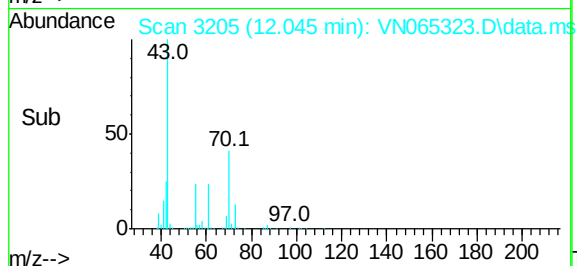
MMDadoda
12/31/2020 2:26:48 PM

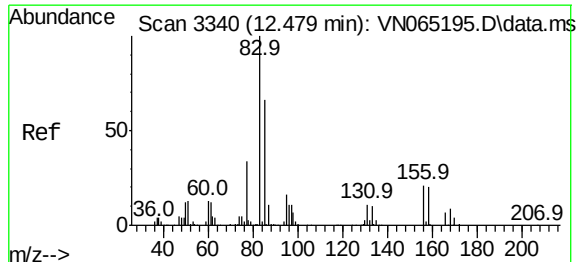


#3190 (-)
N-ethyl acetate
Concen: 18.27 ug/l
RT: 12.045 min Scan# 3205
Delta R.T. 0.003 min
Lab File: VN065323.D
Acq: 30 Dec 2020 16:22



Tgt Ion: 43 Resp: 120085
Ion Ratio Lower Upper
43 100
70 41.6 34.5 51.7
55 24.7 20.4 30.6
61 24.2 20.0 30.0



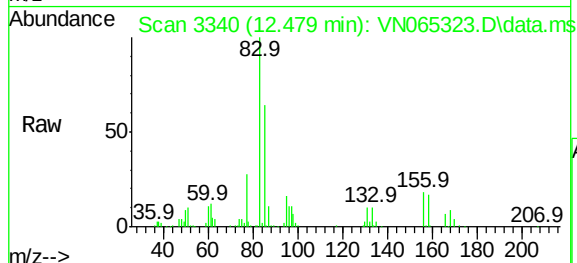


#3325 (-)
 1,1,2,2-Tetrachloroethane
 Concen: 20.09 ug/l
 RT: 12.479 min Scan# 3340
 Delta R.T. 0.000 min
 Lab File: VN065323.D
 Acq: 30 Dec 2020 16:22

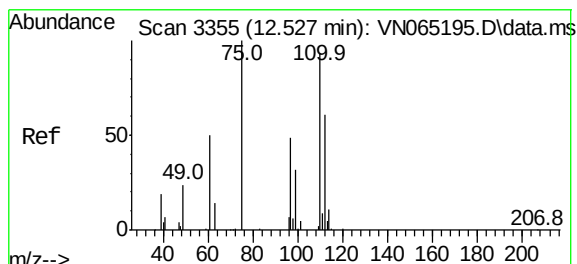
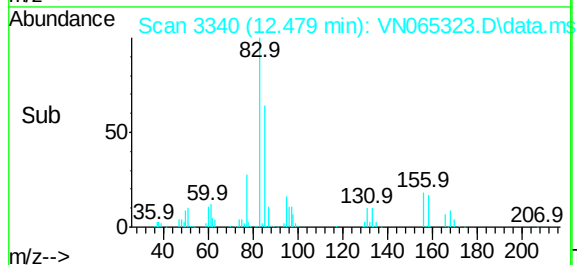
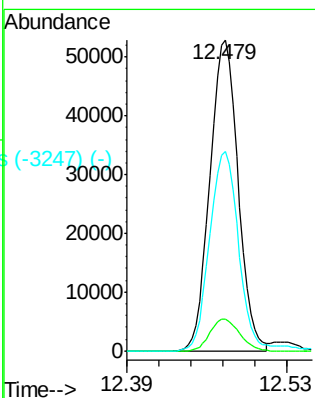
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1230WBSD01

Manual Integrations
 APPROVED

MMDadoda
 12/31/2020 2:26:48 PM

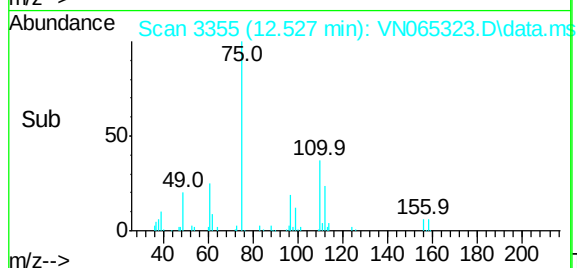
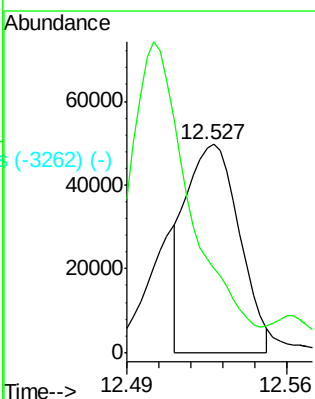
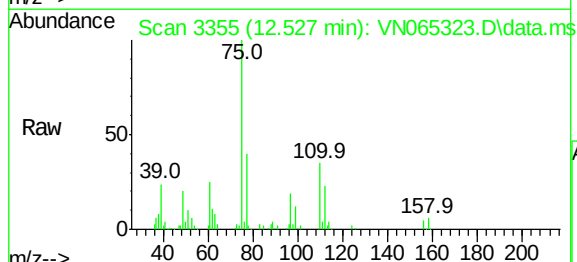


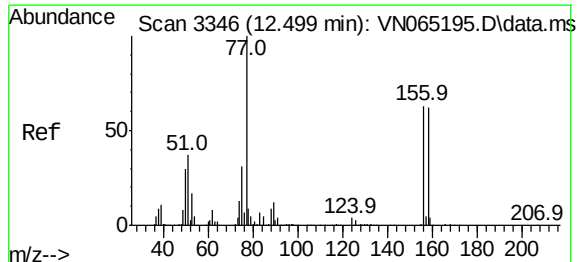
Tgt Ion	83	Resp:	89391
Ion	Ratio	Lower	Upper
83	100		
131	10.7	5.1	15.3
85	65.5	33.0	99.0



#3350 (-)
 1,2,3-Trichloropropane
 Concen: 20.22 ug/l m
 RT: 12.527 min Scan# 3355
 Delta R.T. 0.000 min
 Lab File: VN065323.D
 Acq: 30 Dec 2020 16:22

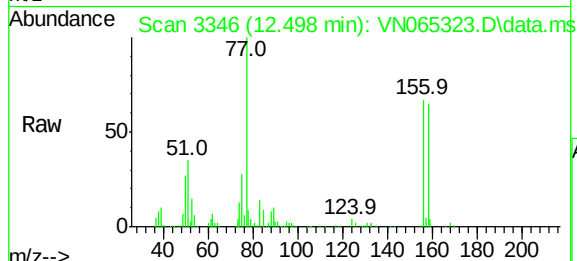
Tgt Ion	75	Resp:	89375
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#332 (-)
Bromobenzene
Concen: 19.58 ug/l
RT: 12.498 min Scan# 3346
Delta R.T. -0.001 min
Lab File: VN065323.D
Acq: 30 Dec 2020 16:22

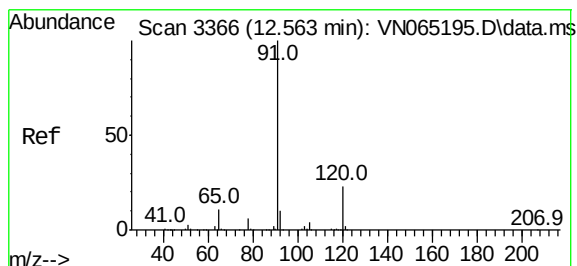
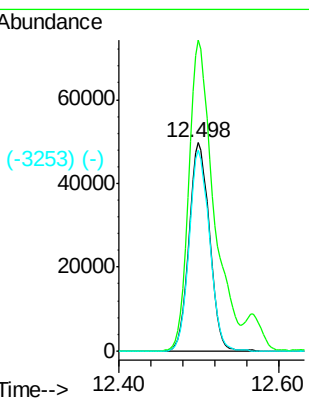
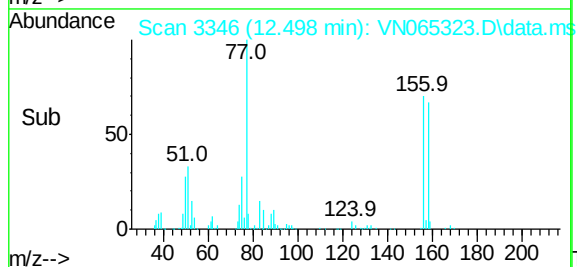
Instrument :
MSVOA_N
ClientSampleId :
VN1230WBSD01



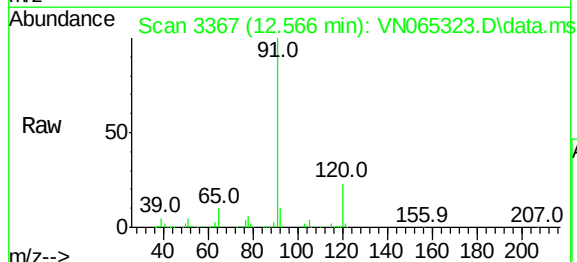
Tgt Ion:156 Resp: 84442
Ion Ratio Lower Upper
156 100
77 183.0 101.3 303.7
158 96.2 48.2 144.6

Manual Integrations
APPROVED

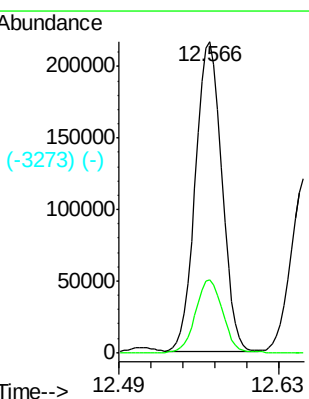
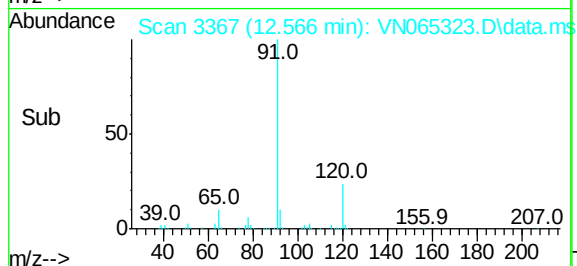
MMDadoda
12/31/2020 2:26:48 PM

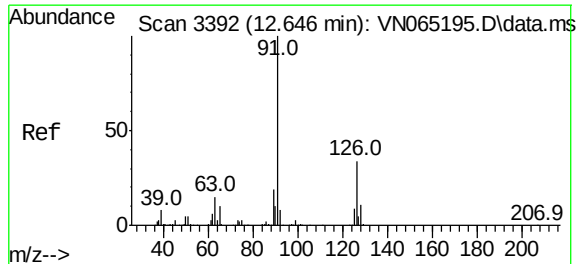


#335 (-)
n-propylbenzene
Concen: 18.34 ug/l
RT: 12.566 min Scan# 3367
Delta R.T. 0.003 min
Lab File: VN065323.D
Acq: 30 Dec 2020 16:22



Tgt Ion: 91 Resp: 341681
Ion Ratio Lower Upper
91 100
120 23.8 11.6 34.7





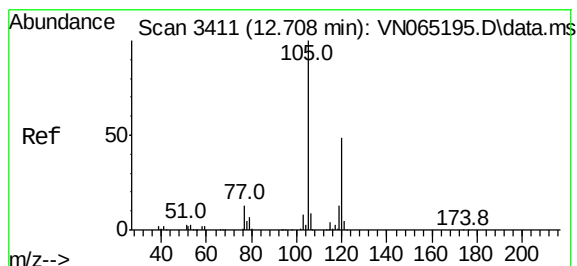
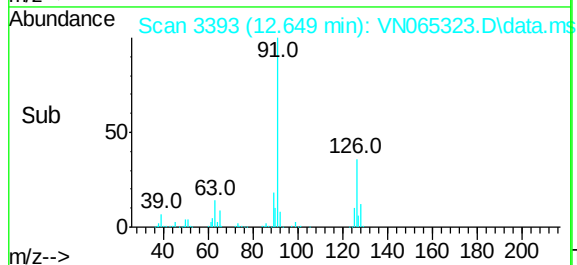
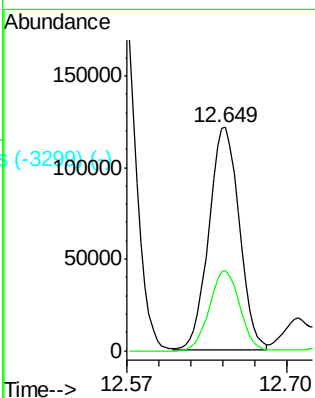
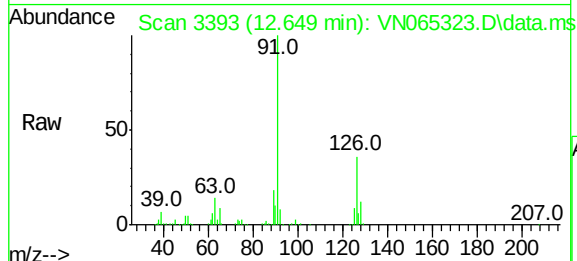
#3390 (-)
2-Chlorotoluene
Concen: 18.62 ug/l
RT: 12.649 min Scan# 3393
Delta R.T. 0.003 min
Lab File: VN065323.D
Acq: 30 Dec 2020 16:22

Tgt Ion: 91 Resp: 204312
Ion Ratio Lower Upper
91 100
126 36.0 17.2 51.6

Instrument :
MSVOA_N
ClientSampleId :
VN1230WBSD01

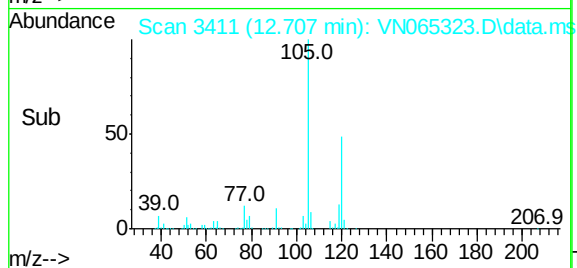
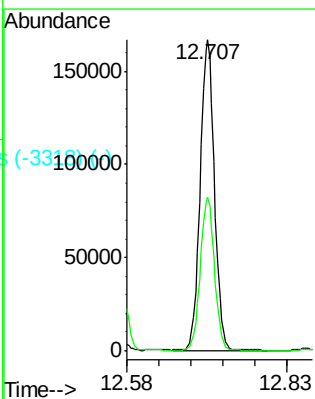
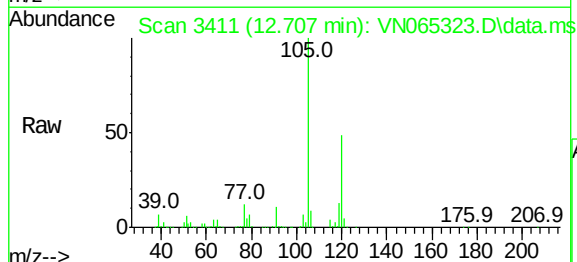
Manual Integrations
APPROVED

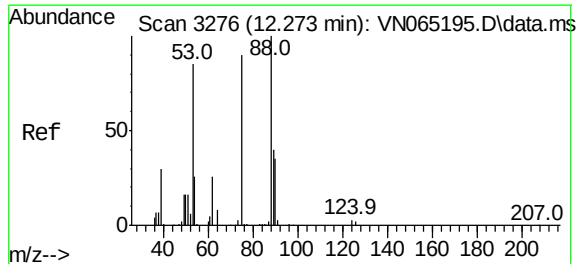
MMDadoda
12/31/2020 2:26:48 PM



#3394 (-)
1,3,5-Trimethylbenzene
Concen: 18.57 ug/l
RT: 12.707 min Scan# 3411
Delta R.T. -0.001 min
Lab File: VN065323.D
Acq: 30 Dec 2020 16:22

Tgt Ion:105 Resp: 261409
Ion Ratio Lower Upper
105 100
120 49.0 24.6 73.6





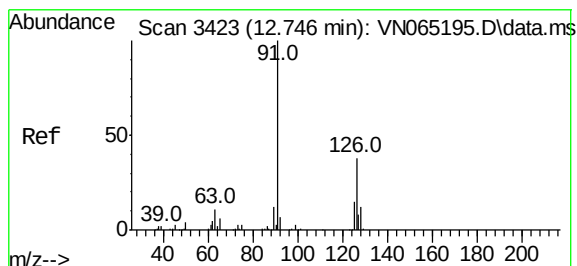
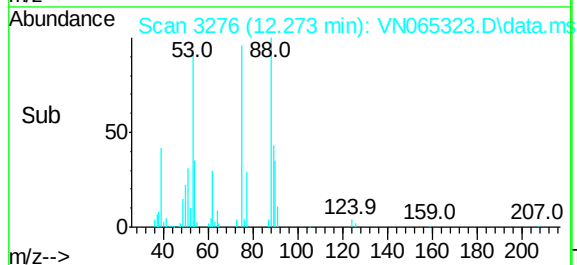
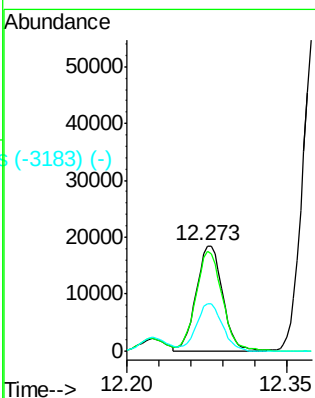
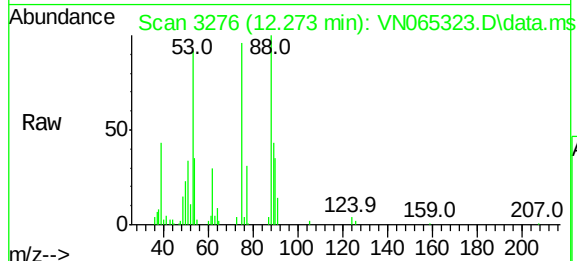
#8166 (-)
trans-1,4-Dichloro-2-butene
Concen: 17.90 ug/l
RT: 12.273 min Scan# 3276
Delta R.T. 0.000 min
Lab File: VN065323.D
Acq: 30 Dec 2020 16:22

Tgt Ion	Ratio	Lower	Upper
75	100		
53	95.0	67.0	100.4
89	44.6	39.6	59.4

Instrument :
MSVOA_N
ClientSampleId :
VN1230WBSD01

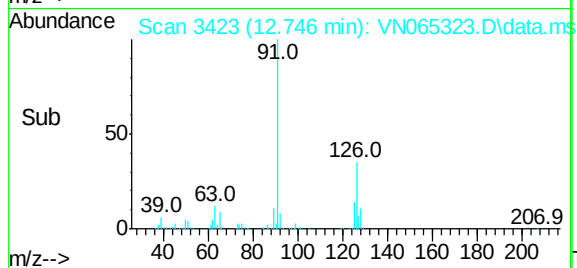
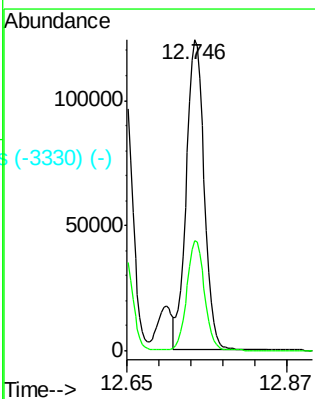
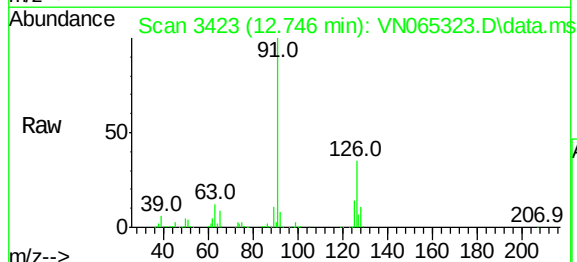
Manual Integrations
APPROVED

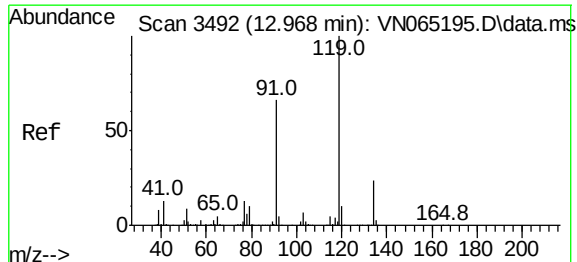
MMDadoda
12/31/2020 2:26:48 PM



#8214 (-)
4-Chlorotoluene
Concen: 18.47 ug/l
RT: 12.746 min Scan# 3423
Delta R.T. -0.000 min
Lab File: VN065323.D
Acq: 30 Dec 2020 16:22

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.8	16.9	50.7





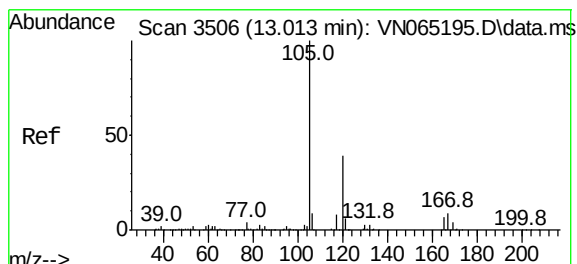
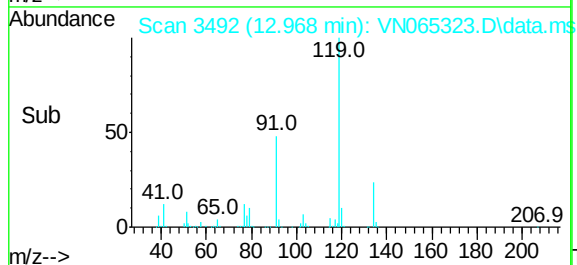
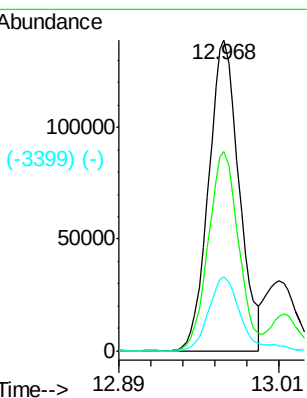
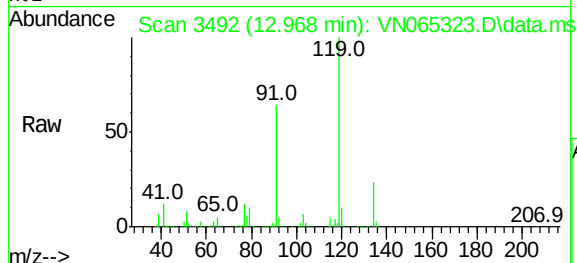
#8377 (-)
tert-Butylbenzene
Concen: 18.69 ug/l
RT: 12.968 min Scan# 3492
Delta R.T. -0.000 min
Lab File: VN065323.D
Acq: 30 Dec 2020 16:22

Tgt Ion:	119	Resp:	224047
Ion Ratio	Lower	Upper	
119	100		
91	64.1	32.3	96.8
134	25.2	12.6	37.6

Instrument :
MSVOA_N
ClientSampleId :
VN1230WBSD01

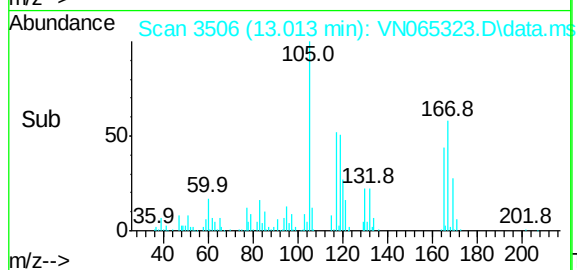
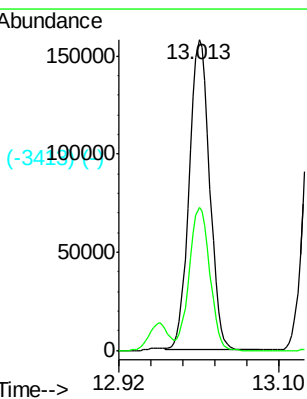
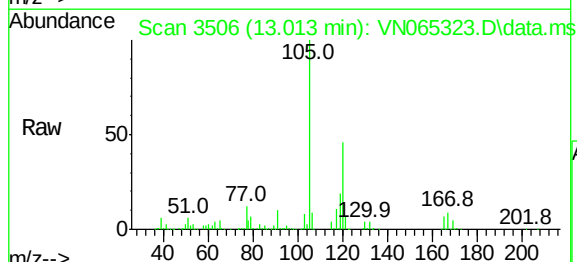
Manual Integrations
APPROVED

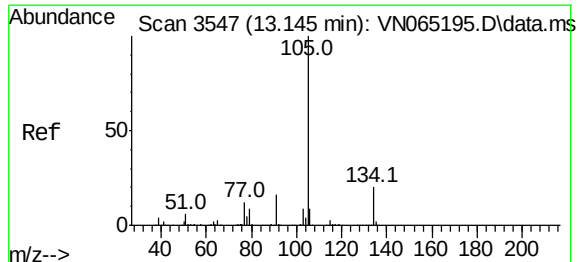
MMDadoda
12/31/2020 2:26:48 PM



#8494 (-)
1,2,4-Trimethylbenzene
Concen: 18.66 ug/l
RT: 13.013 min Scan# 3506
Delta R.T. -0.000 min
Lab File: VN065323.D
Acq: 30 Dec 2020 16:22

Tgt Ion:	105	Resp:	255741
Ion Ratio	Lower	Upper	
105	100		
120	46.7	23.1	69.2





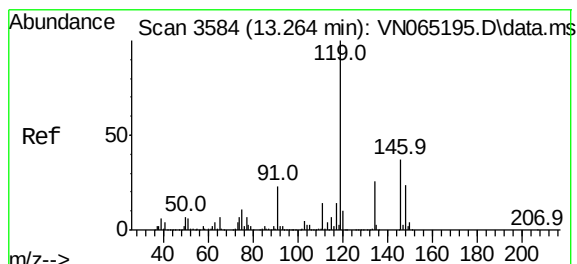
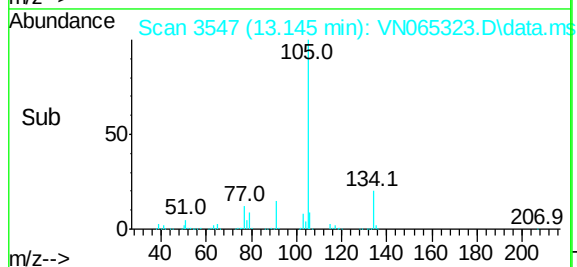
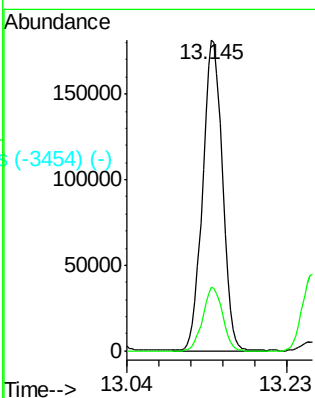
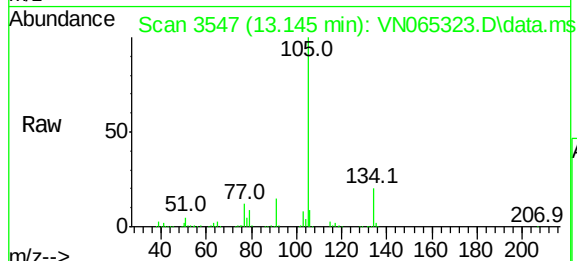
#8532 (-)
 sec-Butylbenzene
 Concen: 18.27 ug/l
 RT: 13.145 min Scan# 3547
 Delta R.T. -0.000 min
 Lab File: VN065323.D
 Acq: 30 Dec 2020 16:22

Tgt Ion:105 Resp: 290633
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.1 30.1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1230WBSD01

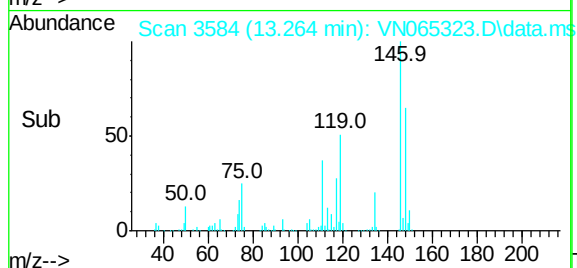
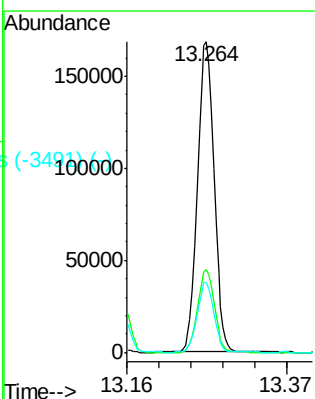
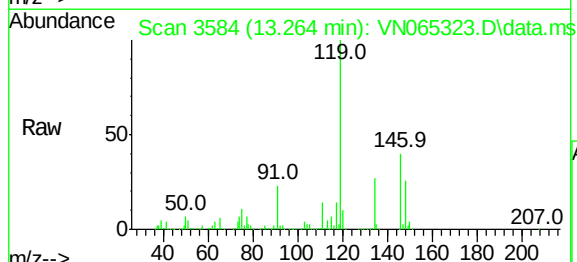
Manual Integrations
 APPROVED

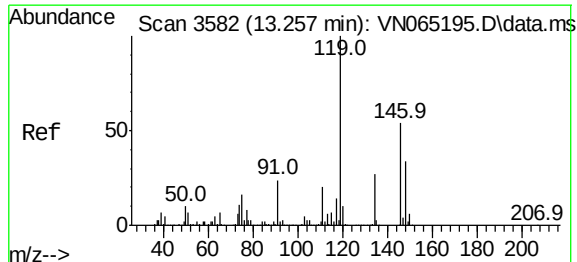
MMDadoda
 12/31/2020 2:26:48 PM



#8570 (-)
 p-Isopropyltoluene
 Concen: 18.17 ug/l
 RT: 13.264 min Scan# 3584
 Delta R.T. -0.000 min
 Lab File: VN065323.D
 Acq: 30 Dec 2020 16:22

Tgt Ion:119 Resp: 264951
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.1 39.1
 91 22.7 11.5 34.5





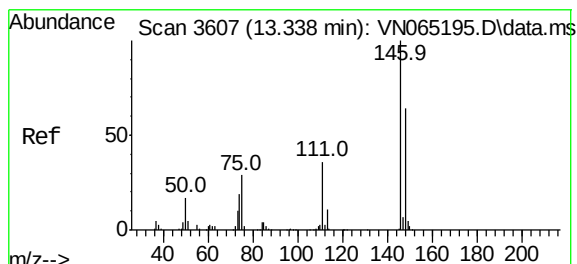
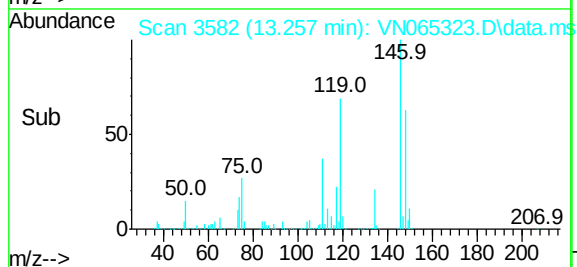
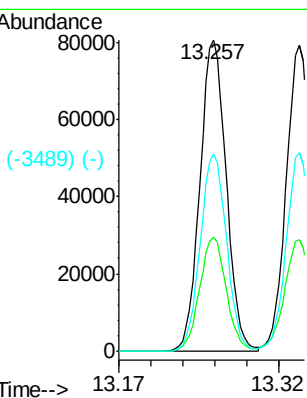
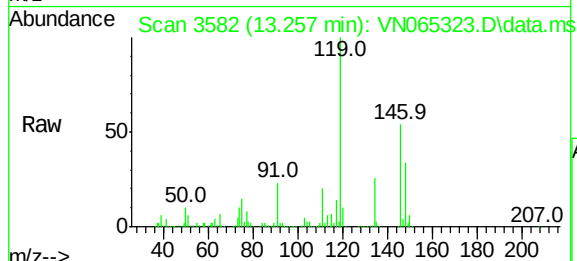
Scan 3582 (13.257 min): VN065195.D\data.ms (#8367) (-)
 1,3-Dichlorobenzene
 Concen: 18.82 ug/l
 RT: 13.257 min Scan# 3582
 Delta R.T. 0.000 min
 Lab File: VN065323.D
 Acq: 30 Dec 2020 16:22

Tgt Ion:	146	Resp:	135771
Ion Ratio	Lower	Upper	
146	100		
111	36.9	20.6	61.9
148	63.5	31.9	95.5

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1230WBSD01

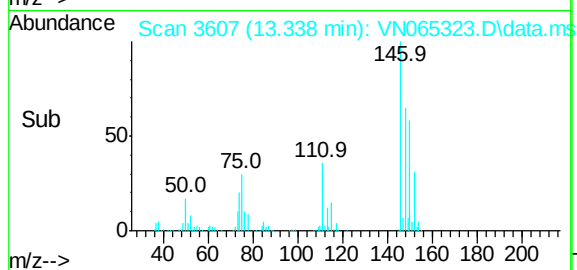
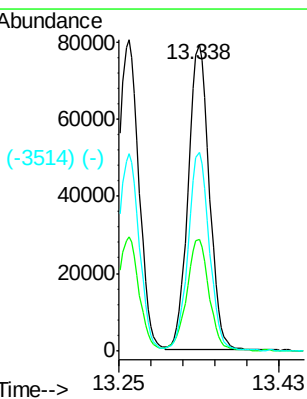
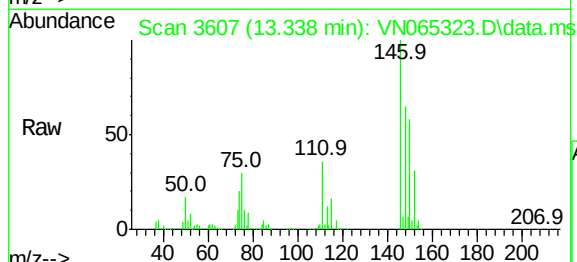
Manual Integrations
 APPROVED

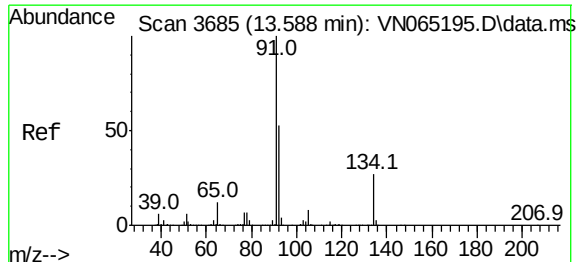
MMDadoda
 12/31/2020 2:26:48 PM



Scan 3607 (13.338 min): VN065195.D\data.ms (#8365) (-)
 1,4-Dichlorobenzene
 Concen: 18.29 ug/l
 RT: 13.338 min Scan# 3607
 Delta R.T. -0.000 min
 Lab File: VN065323.D
 Acq: 30 Dec 2020 16:22

Tgt Ion:	146	Resp:	132454
Ion Ratio	Lower	Upper	
146	100		
111	38.4	19.8	59.3
148	65.4	31.9	95.5





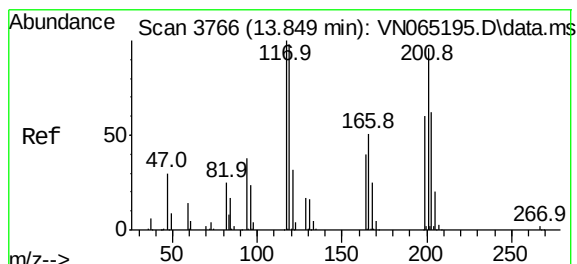
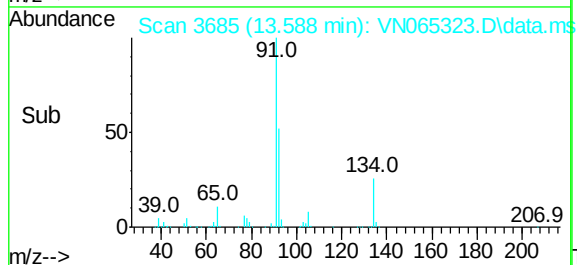
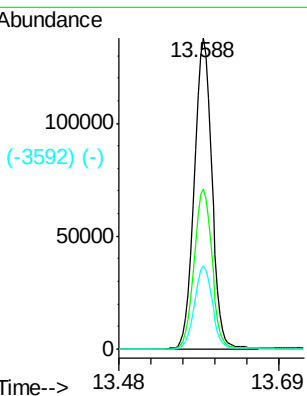
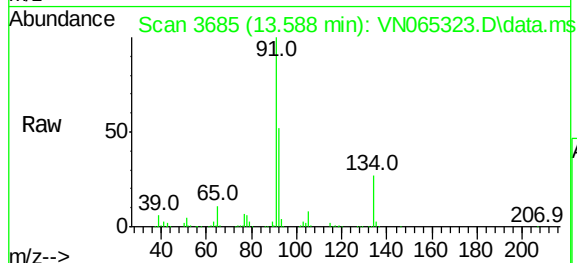
#9071 (-)
n-Butylbenzene
Concen: 17.38 ug/l
RT: 13.588 min Scan# 3685
Delta R.T. 0.000 min
Lab File: VN065323.D
Acq: 30 Dec 2020 16:22

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.0	78.0
134	27.0	12.9	38.6

Instrument :
MSVOA_N
ClientSampleId :
VN1230WBSD01

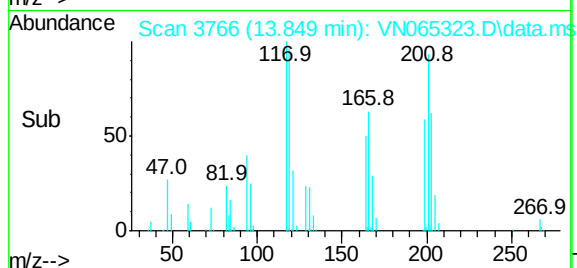
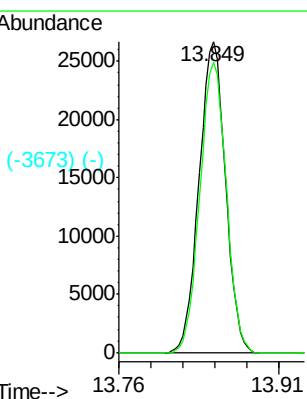
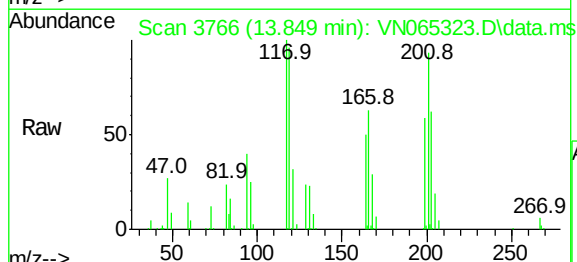
Manual Integrations
APPROVED

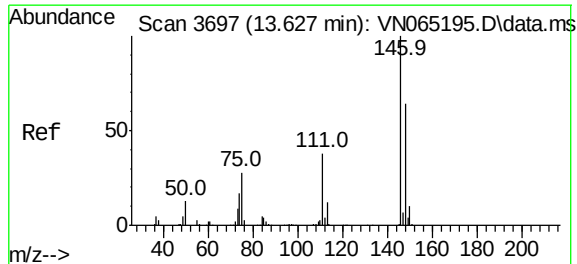
MMDadoda
12/31/2020 2:26:48 PM



#9052 (-)
Hexachloroethane
Concen: 18.05 ug/l
RT: 13.849 min Scan# 3766
Delta R.T. -0.000 min
Lab File: VN065323.D
Acq: 30 Dec 2020 16:22

Tgt Ion	Ratio	Lower	Upper
117	100		
201	93.7	40.1	120.3





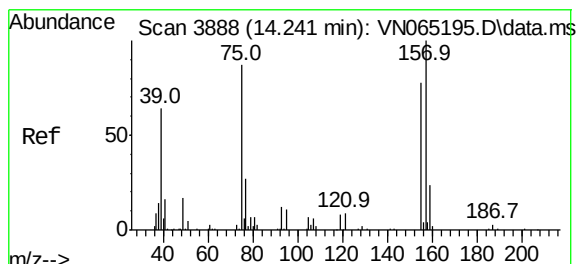
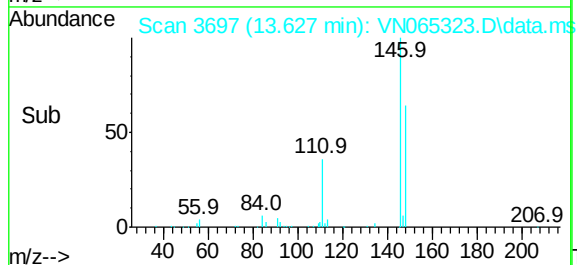
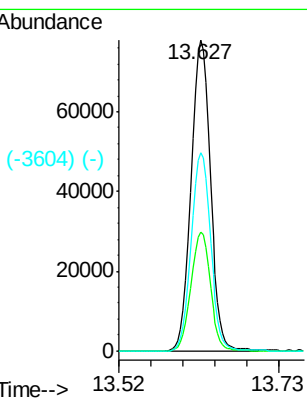
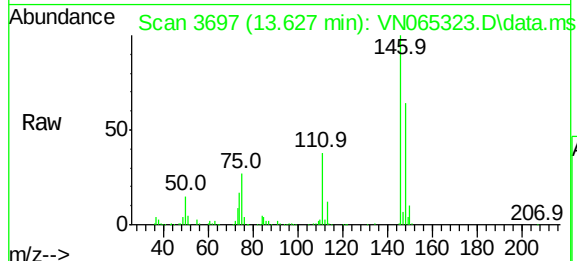
#982 (-)
1,2-Dichlorobenzene
Concen: 19.44 ug/l
RT: 13.627 min Scan# 3697
Delta R.T. -0.000 min
Lab File: VN065323.D
Acq: 30 Dec 2020 16:22

Tgt Ion:146 Resp: 134693
Ion Ratio Lower Upper
146 100
111 38.4 21.1 63.1
148 63.8 32.0 96.2

Instrument :
MSVOA_N
ClientSampleId :
VN1230WBSD01

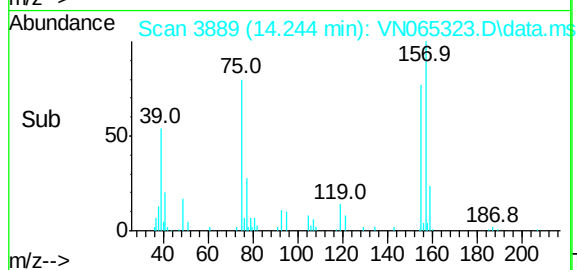
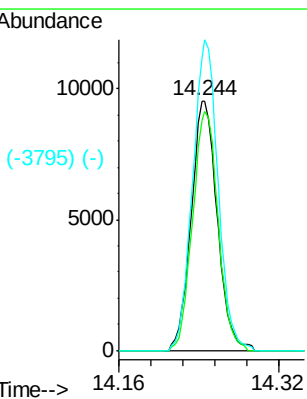
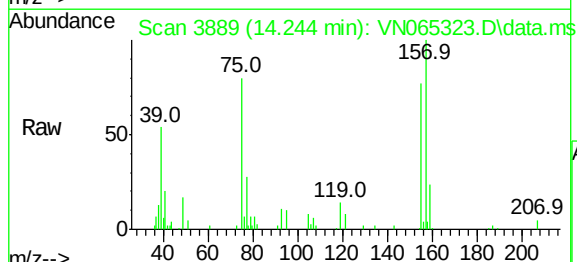
Manual Integrations
APPROVED

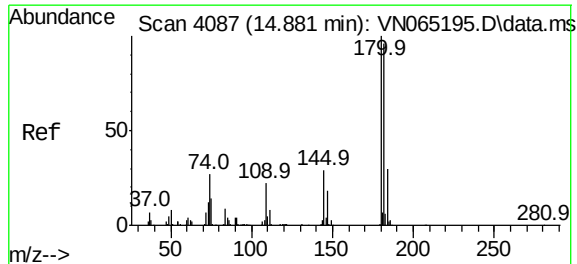
MMDadoda
12/31/2020 2:26:48 PM



#986 (-)
1,2-Dibromo-3-Chloropropane
Concen: 18.09 ug/l
RT: 14.244 min Scan# 3889
Delta R.T. 0.003 min
Lab File: VN065323.D
Acq: 30 Dec 2020 16:22

Tgt Ion: 75 Resp: 16583
Ion Ratio Lower Upper
75 100
155 94.2 42.8 128.3
157 121.9 56.4 169.1





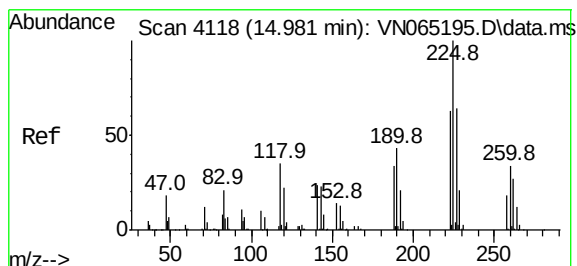
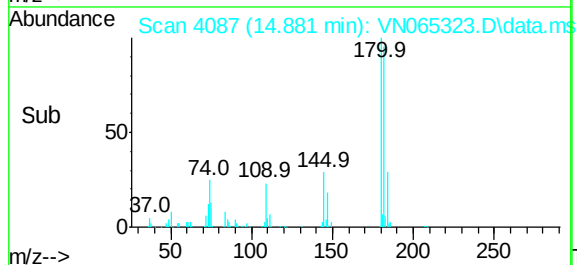
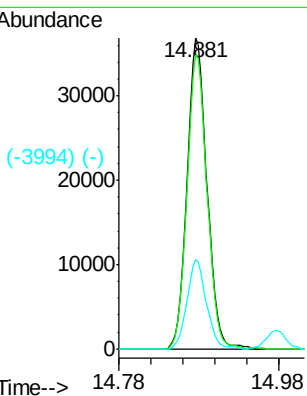
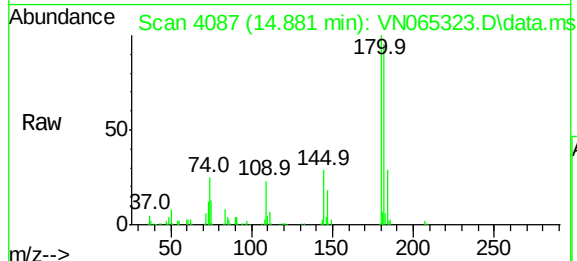
1,2,4-Trichlorobenzene
Concen: 16.45 ug/l
RT: 14.881 min Scan# 4087
Delta R.T. -0.000 min
Lab File: VN065323.D
Acq: 30 Dec 2020 16:22

Tgt Ion:	180	Resp:	61909
Ion Ratio	Lower	Upper	
180	100		
182	95.0	47.6	142.9
145	28.2	15.3	45.8

Instrument :
MSVOA_N
ClientSampleId :
VN1230WBSD01

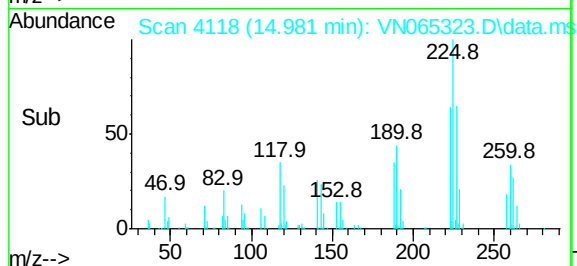
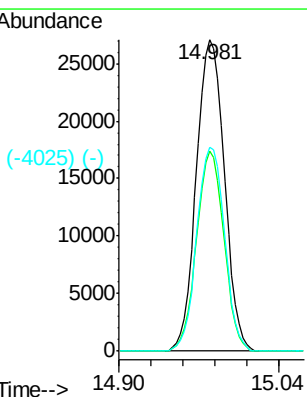
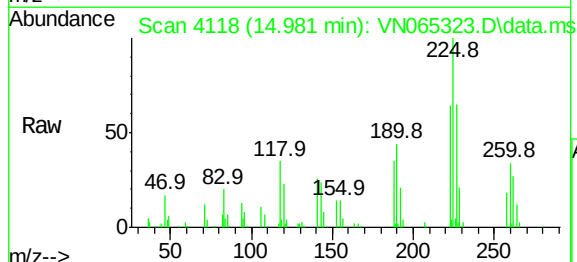
Manual Integrations
APPROVED

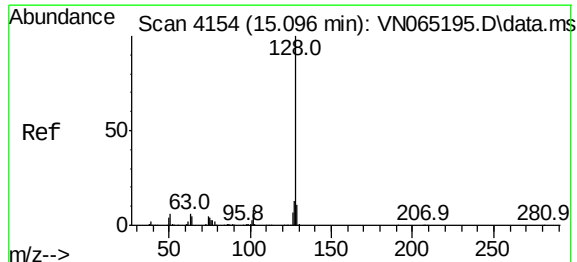
MMDadoda
12/31/2020 2:26:48 PM



Hexachlorobutadiene
Concen: 16.59 ug/l
RT: 14.981 min Scan# 4118
Delta R.T. -0.000 min
Lab File: VN065323.D
Acq: 30 Dec 2020 16:22

Tgt Ion:	225	Resp:	45360
Ion Ratio	Lower	Upper	
225	100		
223	62.2	31.0	93.0
227	64.6	32.0	96.0





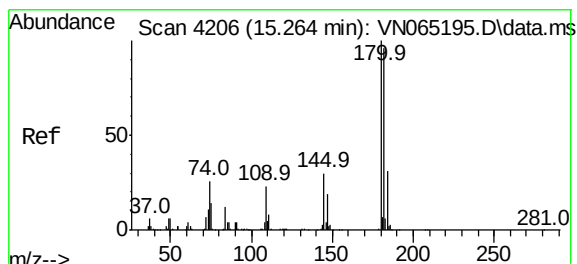
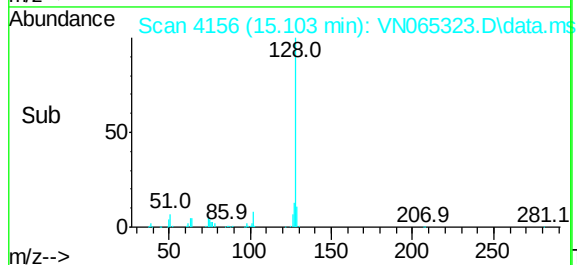
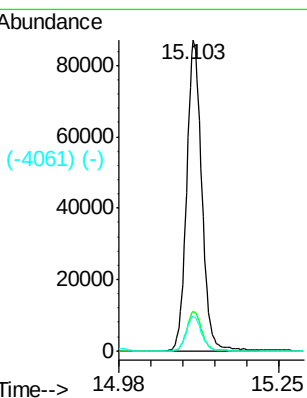
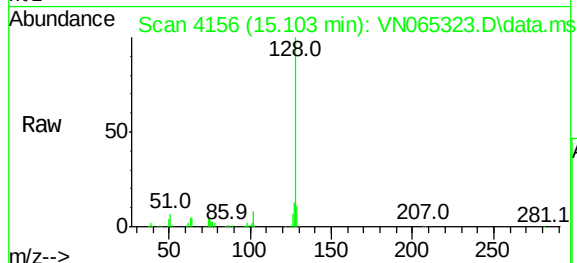
#41539 (-)
Naphthalene
Concen: 16.47 ug/l
RT: 15.103 min Scan# 4156
Delta R.T. 0.007 min
Lab File: VN065323.D
Acq: 30 Dec 2020 16:22

Tgt Ion:	128	Resp:	157732
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.3	15.5
129	11.2	8.7	13.1

Instrument :
MSVOA_N
ClientSampleId :
VN1230WBSD01

Manual Integrations
APPROVED

MMDadoda
12/31/2020 2:26:48 PM



#4212 (-)
1,2,3-Trichlorobenzene
Concen: 17.07 ug/l
RT: 15.283 min Scan# 4212
Delta R.T. 0.019 min
Lab File: VN065323.D
Acq: 30 Dec 2020 16:22

Tgt Ion:	180	Resp:	58903
Ion	Ratio	Lower	Upper
180	100		
182	94.1	48.1	144.4
145	29.6	16.4	49.1

