

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122220\
 Data File : VN065205.D
 Acq On : 22 Dec 2020 18:56
 Operator : JC/MD
 Sample : VN1222WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1222WBSD01

Manual Integrations
 APPROVED

MMDadoda
 12/23/2020 12:51:36 PM

Quant Time: Dec 23 03:41:11 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	261797	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	397654	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.379	117	355946	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	169967	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.991	65	152653	51.65	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	103.30%
35) Dibromofluoromethane	7.553	113	123540	51.49	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.98%
50) Toluene-d8	10.061	98	452750	50.35	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.70%
62) 4-Bromofluorobenzene	12.376	95	164426	46.62	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	93.24%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.840	85	47723	19.70	ug/l	100
3) Chloromethane	2.045	50	54705	19.84	ug/l	100
4) Vinyl Chloride	2.174	62	55667	19.41	ug/l	99
5) Bromomethane	2.534	94	41218	20.22	ug/l	100
6) Chloroethane	2.679	64	36110	19.48	ug/l	98
7) Trichlorofluoromethane	2.994	101	82639	19.26	ug/l	96
8) Diethyl Ether	3.383	74	31814	18.83	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.717	101	46550	19.34	ug/l	97
10) Methyl Iodide	3.907	142	67927	18.68	ug/l	96
11) Tert butyl alcohol	4.775	59	48412	100.11	ug/l	98
12) 1,1-Dichloroethene	3.695	96	48023	18.68	ug/l	95
13) Acrolein	3.573	56	30350	94.31	ug/l	98
14) Allyl chloride	4.274	41	83040	19.59	ug/l	92
15) Acrylonitrile	4.942	53	116978	100.10	ug/l	99
16) Acetone	3.785	43	106599	78.57	ug/l	99
17) Carbon Disulfide	4.004	76	130548	19.84	ug/l	99
18) Methyl Acetate	4.287	43	53885	20.31	ug/l	96
19) Methyl tert-butyl Ether	5.007	73	157593	19.30	ug/l	98
20) Methylene Chloride	4.502	84	52260	18.12	ug/l	97
21) trans-1,2-Dichloroethene	4.987	96	49639	19.66	ug/l	96
22) Diisopropyl ether	5.913	45	161265	19.11	ug/l	94
23) Vinyl Acetate	5.852	43	703794	98.97	ug/l	98
24) 1,1-Dichloroethane	5.801	63	90020	19.45	ug/l	99
25) 2-Butanone	6.801	43	158782	95.70	ug/l	99
26) 2,2-Dichloropropane	6.782	77	82040	18.55	ug/l	98
27) cis-1,2-Dichloroethene	6.782	96	57502	19.57	ug/l	99
28) Bromochloromethane	7.151	49	36616	17.81	ug/l	98
29) Tetrahydrofuran	7.177	42	107305	100.01	ug/l	96
30) Chloroform	7.331	83	91352	19.17	ug/l	97
31) Cyclohexane	7.614	56	82660	18.94	ug/l	95
32) 1,1,1-Trichloroethane	7.531	97	82806	19.18	ug/l	98
36) 1,1-Dichloropropene	7.753	75	68798	19.03	ug/l	99
37) Ethyl Acetate	6.894	43	69718	19.45	ug/l	97
38) Carbon Tetrachloride	7.733	117	71656	18.87	ug/l	99
39) Methylcyclohexane	9.045	83	81926	18.86	ug/l	98
40) Benzene	8.003	78	204760	19.04	ug/l	98
41) Methacrylonitrile	7.132	41	28886	15.49	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122220\
 Data File : VN065205.D
 Acq On : 22 Dec 2020 18:56
 Operator : JC/MD
 Sample : VN1222WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN1222WBSD01

Manual Integrations
 APPROVED

MMDadoda
 12/23/2020 12:51:36 PM

Quant Time: Dec 23 03:41:11 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	76195	19.17	ug/l	98
43) Isopropyl Acetate	8.132	43	120607	19.53	ug/l	96
44) Trichloroethene	8.801	130	59448	19.15	ug/l	99
45) 1,2-Dichloropropane	9.087	63	53734	19.22	ug/l	99
46) Dibromomethane	9.177	93	35487	18.69	ug/l	93
47) Bromodichloromethane	9.370	83	75647	18.89	ug/l	99
48) Methyl methacrylate	9.171	41	58779	19.60	ug/l	91
49) 1,4-Dioxane	9.171	88	19011	391.21	ug/l	96
51) 4-Methyl-2-Pentanone	9.955	43	341341	98.29	ug/l	96
52) Toluene	10.126	92	128695	18.98	ug/l	100
53) t-1,3-Dichloropropene	10.354	75	85693	18.99	ug/l	100
54) cis-1,3-Dichloropropene	9.807	75	90120	18.79	ug/l #	91
55) 1,1,2-Trichloroethane	10.534	97	50866	18.96	ug/l	99
56) Ethyl methacrylate	10.402	69	78706	18.94	ug/l	90
57) 1,3-Dichloropropane	10.679	76	85157	19.24	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.666	63	162954	90.17	ug/l	99
59) 2-Hexanone	10.724	43	245141	96.02	ug/l	95
60) Dibromochloromethane	10.875	129	59774	18.69	ug/l	99
61) 1,2-Dibromoethane	10.978	107	54082	18.78	ug/l	99
64) Tetrachloroethene	10.601	164	65598	18.98	ug/l	95
65) Chlorobenzene	11.405	112	137554	18.98	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.482	131	54799	19.44	ug/l	99
67) Ethyl Benzene	11.482	91	246444	18.88	ug/l	100
68) m/p-Xylenes	11.595	106	186229	37.86	ug/l	98
69) o-Xylene	11.920	106	90705	19.00	ug/l	96
70) Styrene	11.936	104	150367	18.87	ug/l	98
71) Bromoform	12.100	173	46349	19.10	ug/l #	100
73) Isopropylbenzene	12.222	105	244481	18.89	ug/l	99
74) N-ethyl acetate	12.045	43	99734	19.35	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.479	83	66525	19.06	ug/l	99
76) 1,2,3-Trichloropropane	12.527	75	64739m	18.67	ug/l	
77) Bromobenzene	12.498	156	64544	19.08	ug/l	93
78) n-propylbenzene	12.566	91	273407	18.71	ug/l	99
79) 2-Chlorotoluene	12.646	91	163422	18.99	ug/l	100
80) 1,3,5-Trimethylbenzene	12.707	105	207102	18.76	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.273	75	25163	18.30	ug/l	88
82) 4-Chlorotoluene	12.746	91	166633	18.80	ug/l	100
83) tert-Butylbenzene	12.968	119	178743	19.01	ug/l	99
84) 1,2,4-Trimethylbenzene	13.013	105	204707	19.05	ug/l	99
85) sec-Butylbenzene	13.145	105	233324	18.70	ug/l	100
86) p-Isopropyltoluene	13.264	119	214048	18.71	ug/l	99
87) 1,3-Dichlorobenzene	13.257	146	107230	18.95	ug/l	97
88) 1,4-Dichlorobenzene	13.338	146	106156	18.69	ug/l	99
89) n-Butylbenzene	13.588	91	183342	18.75	ug/l	100
90) Hexachloroethane	13.846	117	37211	18.92	ug/l	86
91) 1,2-Dichlorobenzene	13.627	146	104930	19.31	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.244	75	14274	19.85	ug/l	95
93) 1,2,4-Trichlorobenzene	14.881	180	55973	18.52	ug/l	98
94) Hexachlorobutadiene	14.977	225	38818	18.10	ug/l	98
95) Naphthalene	15.096	128	148080	19.05	ug/l	100
96) 1,2,3-Trichlorobenzene	15.264	180	52893	19.08	ug/l	99

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

Instrument :

MSVOA_N

ClientSampleId :

VN1222WBSD01

Manual Integrations

APPROVED

MMDadoda

12/23/2020 12:51:36 PM

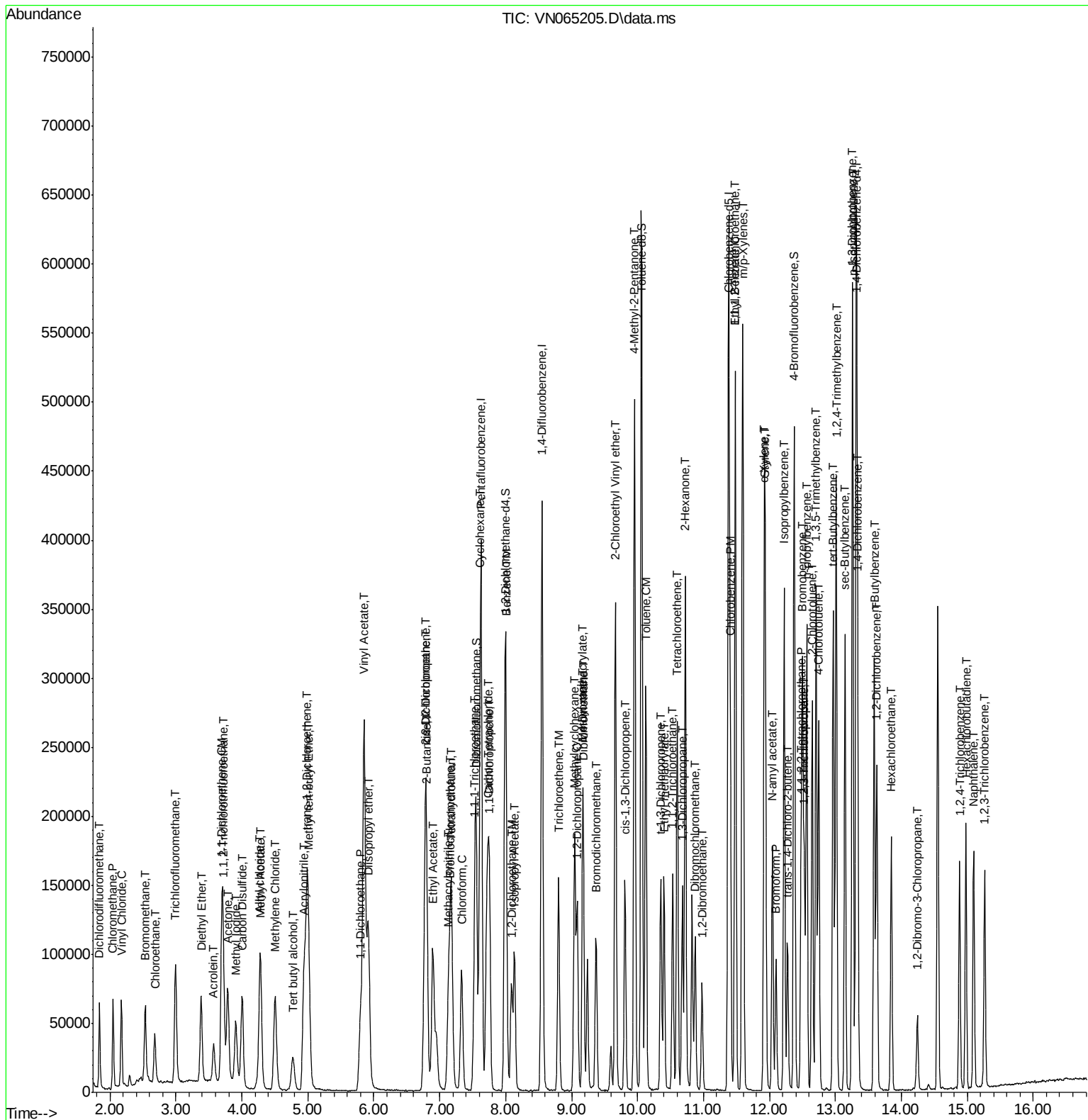
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122220\
Data File : VN065205.D
Acq On : 22 Dec 2020 18:56
Operator : JC/MD
Sample : VN1222WBSD01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

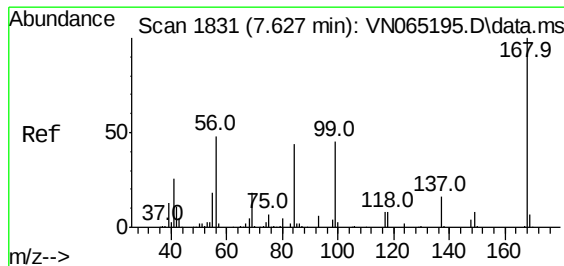
Instrument :
MSVOA_N
Client Sample Id :
VN1222WBSD01

Manual Integrations
APPROVED

MMDadoda
12/23/2020 12:51:36 PM

Quant Time: Dec 23 03:41:11 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





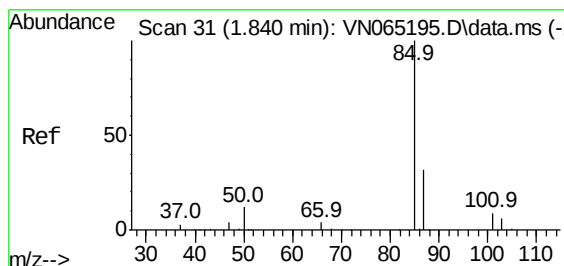
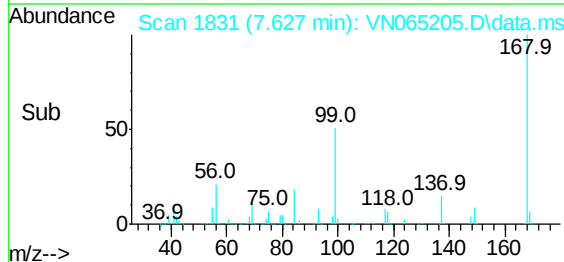
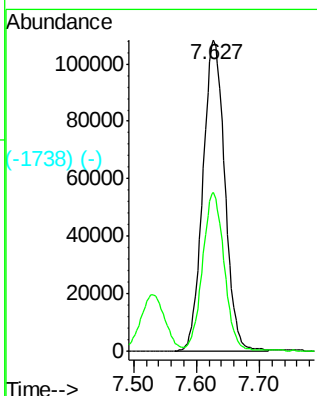
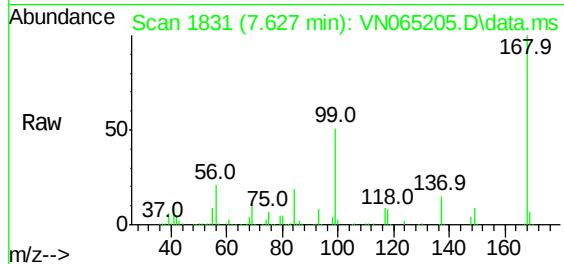
#12 (-)
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56

Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01

Tgt Ion:168 Resp: 261797
Ion Ratio Lower Upper
168 100
99 50.6 43.0 64.4

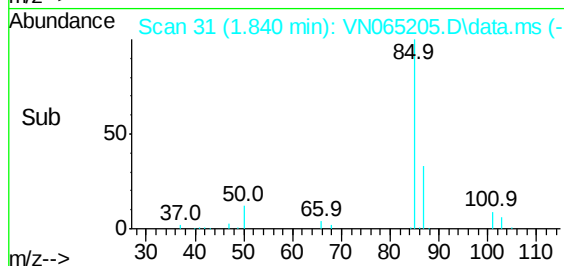
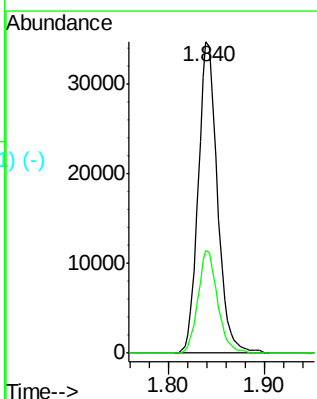
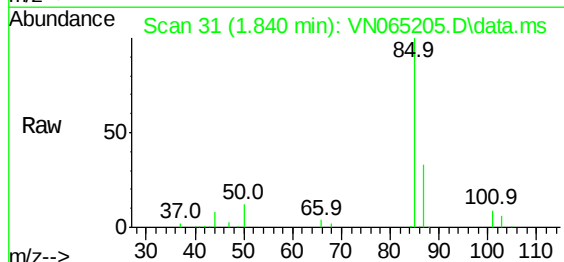
Manual Integrations
APPROVED

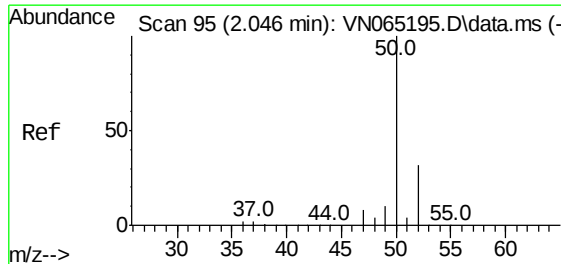
MMDadoda
12/23/2020 12:51:36 PM



#2 (-)
Dichlorodifluoromethane
Concen: 19.70 ug/l
RT: 1.840 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56

Tgt Ion: 85 Resp: 47723
Ion Ratio Lower Upper
85 100
87 33.0 16.4 49.4





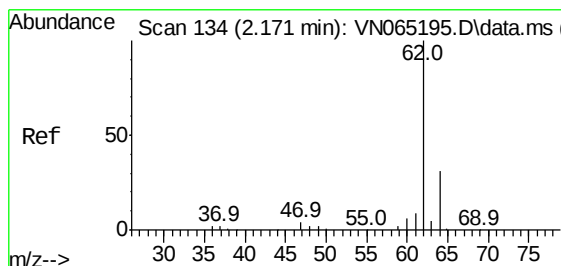
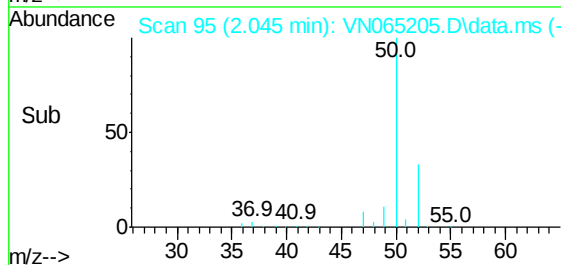
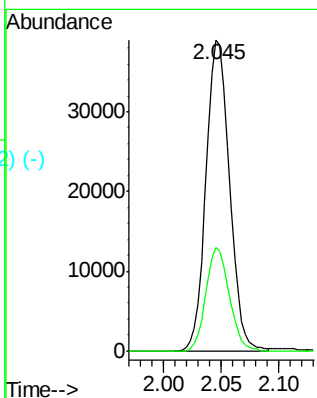
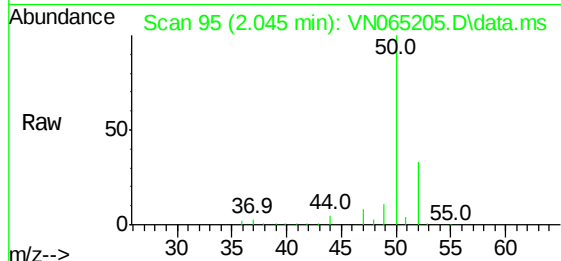
Chloromethane
 Concen: 19.84 ug/l
 RT: 2.045 min Scan# 95
 Delta R.T. -0.001 min
 Lab File: VN065205.D
 Acq: 22 Dec 2020 18:56

Tgt Ion: 50 Resp: 54705
 Ion Ratio Lower Upper
 50 100
 52 33.2 26.6 39.8

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1222WBSD01

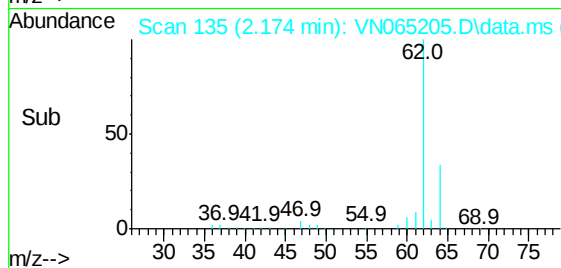
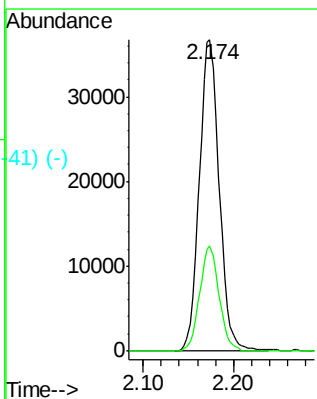
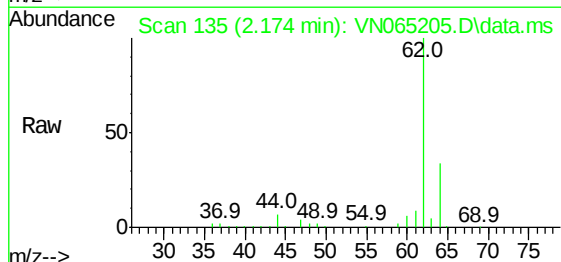
Manual Integrations
 APPROVED

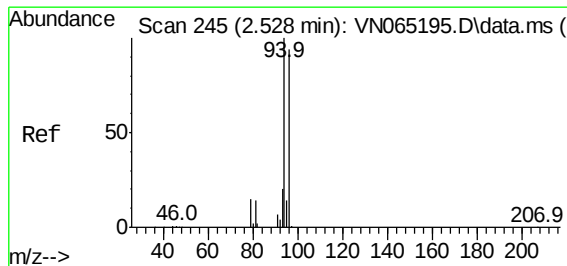
MMDadoda
 12/23/2020 12:51:36 PM



Vinyl Chloride
 Concen: 19.41 ug/l
 RT: 2.174 min Scan# 135
 Delta R.T. 0.003 min
 Lab File: VN065205.D
 Acq: 22 Dec 2020 18:56

Tgt Ion: 62 Resp: 55667
 Ion Ratio Lower Upper
 62 100
 64 33.5 26.5 39.7



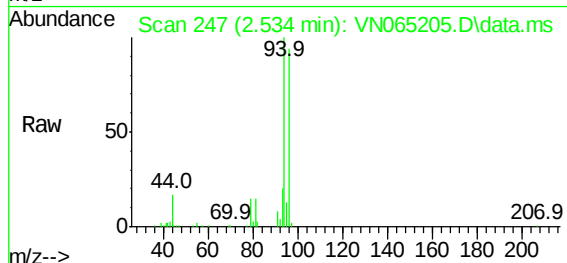


Bromomethane
Concen: 20.22 ug/l
RT: 2.534 min Scan# 247
Delta R.T. 0.006 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56

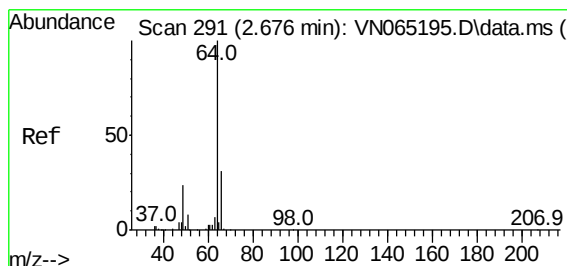
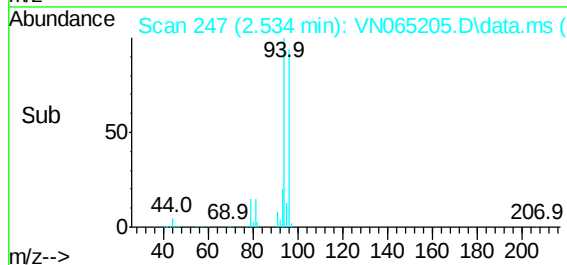
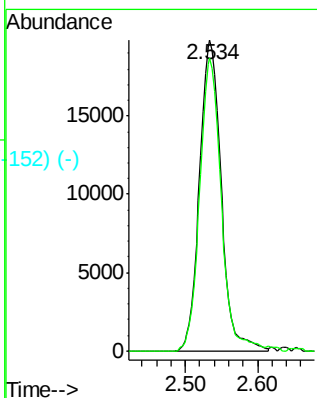
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01

Manual Integrations
APPROVED

MMDadoda
12/23/2020 12:51:36 PM

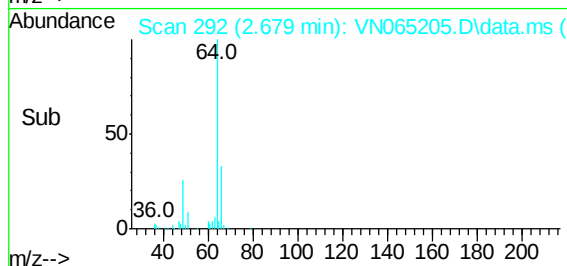
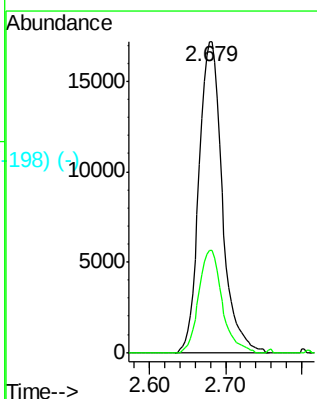
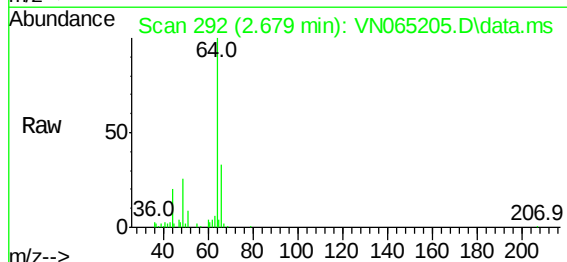


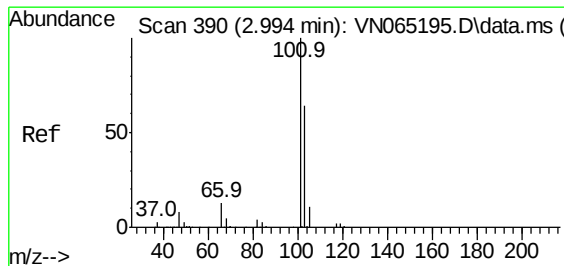
Tgt Ion: 94 Resp: 41218
Ion Ratio Lower Upper
94 100
96 94.4 75.4 113.0



Chloroethane
Concen: 19.48 ug/l
RT: 2.679 min Scan# 292
Delta R.T. 0.003 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56

Tgt Ion: 64 Resp: 36110
Ion Ratio Lower Upper
64 100
66 32.9 25.6 38.4





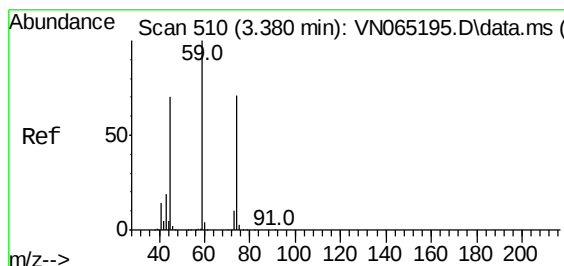
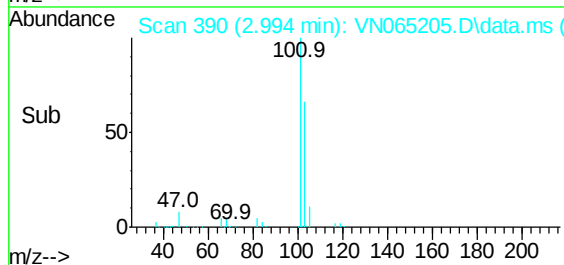
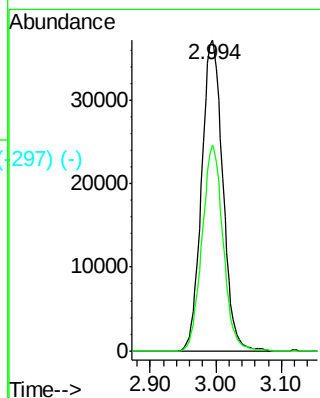
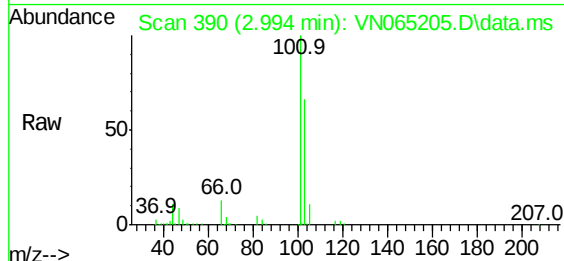
Trichlorofluoromethane
 Concen: 19.26 ug/l
 RT: 2.994 min Scan# 390
 Delta R.T. -0.000 min
 Lab File: VN065205.D
 Acq: 22 Dec 2020 18:56

Tgt Ion: 101 Resp: 82639
 Ion Ratio Lower Upper
 101 100
 103 66.0 50.5 75.7

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1222WBSD01

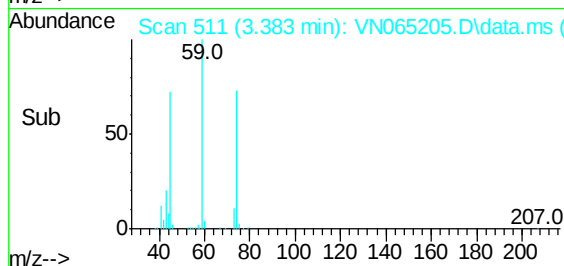
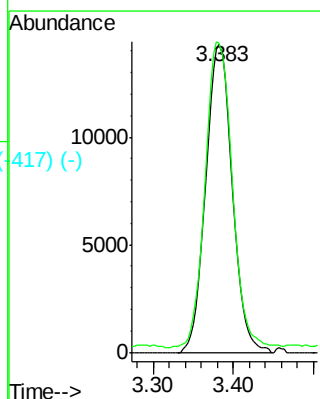
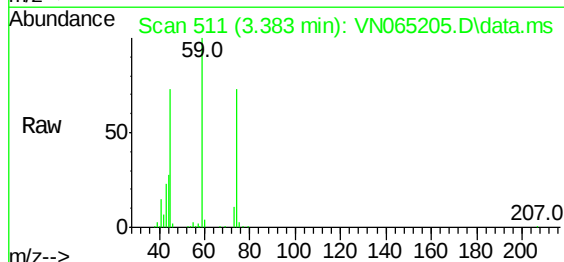
Manual Integrations
 APPROVED

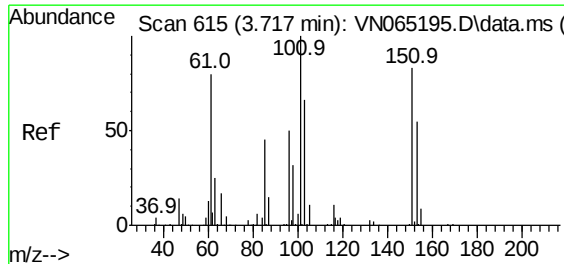
MMDadoda
 12/23/2020 12:51:36 PM



Diethyl Ether
 Concen: 18.83 ug/l
 RT: 3.383 min Scan# 511
 Delta R.T. 0.003 min
 Lab File: VN065205.D
 Acq: 22 Dec 2020 18:56

Tgt Ion: 74 Resp: 31814
 Ion Ratio Lower Upper
 74 100
 45 100.7 48.9 146.8





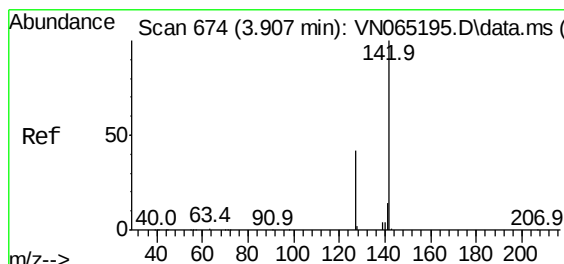
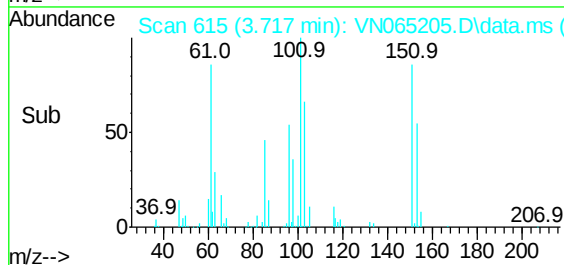
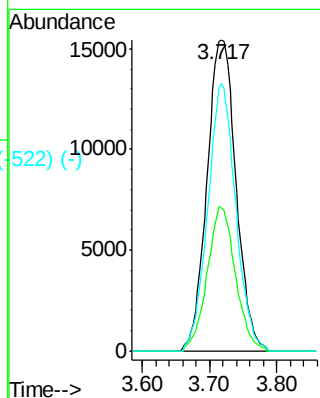
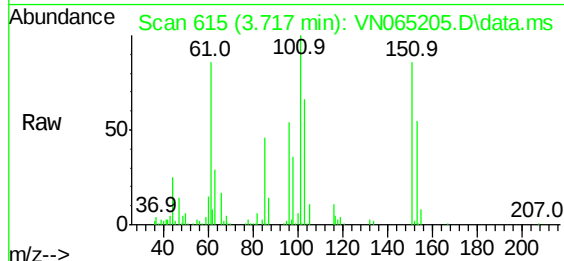
1,1,2-Trichlorotrifluoroethane
Concen: 19.34 ug/l
RT: 3.717 min Scan# 615
Delta R.T. 0.000 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56

Tgt Ion:101 Resp: 46550
Ion Ratio Lower Upper
101 100
85 44.9 34.4 51.6
151 82.6 64.0 96.0

Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01

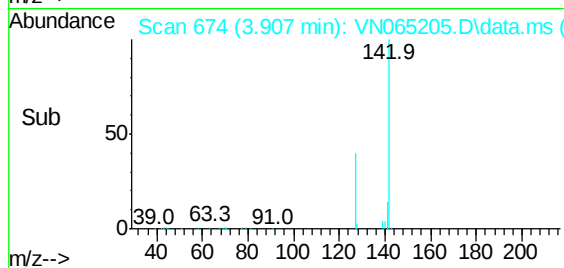
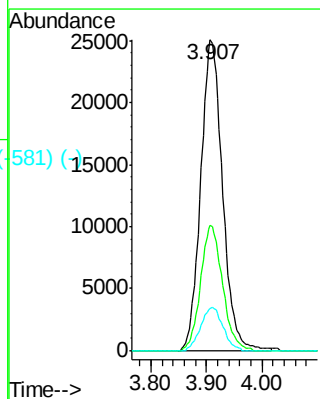
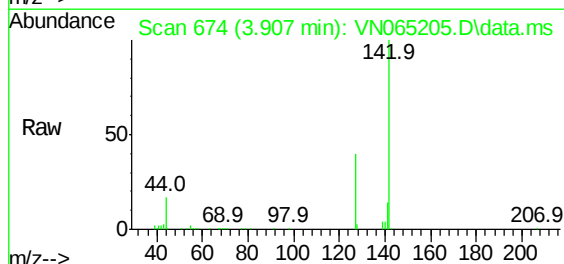
Manual Integrations
APPROVED

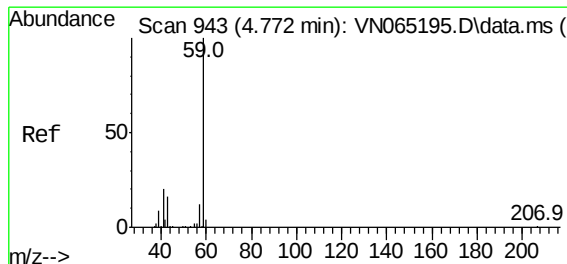
MMDadoda
12/23/2020 12:51:36 PM



Methyl Iodide
Concen: 18.68 ug/l
RT: 3.907 min Scan# 674
Delta R.T. 0.000 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56

Tgt Ion:142 Resp: 67927
Ion Ratio Lower Upper
142 100
127 40.4 35.0 52.6
141 14.1 11.8 17.6





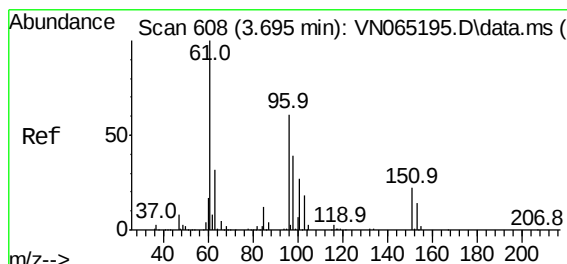
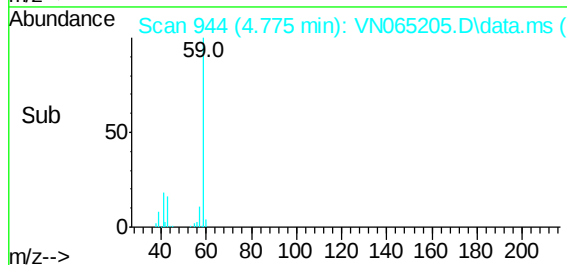
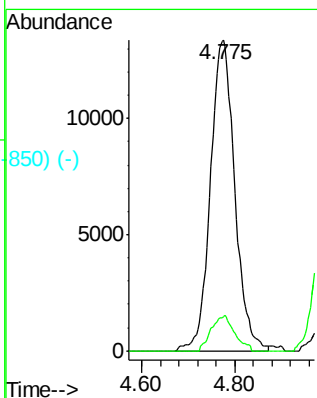
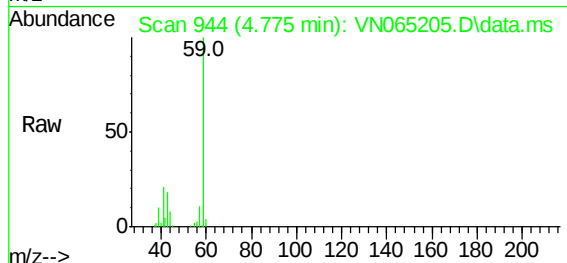
Tert butyl alcohol
Concen: 100.11 ug/l
RT: 4.775 min Scan# 944
Delta R.T. 0.003 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56

Tgt Ion: 59 Resp: 48412
Ion Ratio Lower Upper
59 100
57 10.8 7.9 11.9

Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01

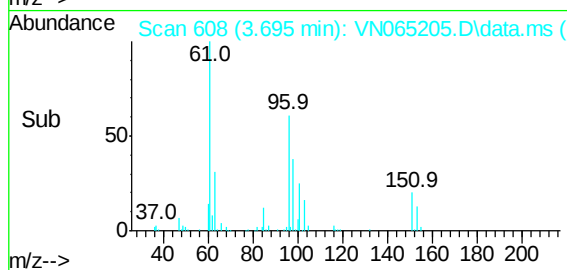
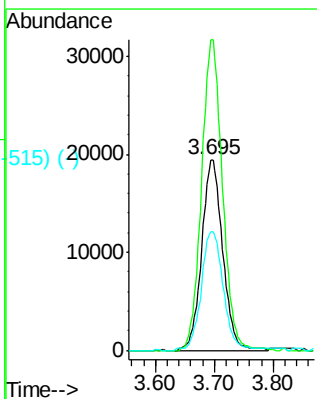
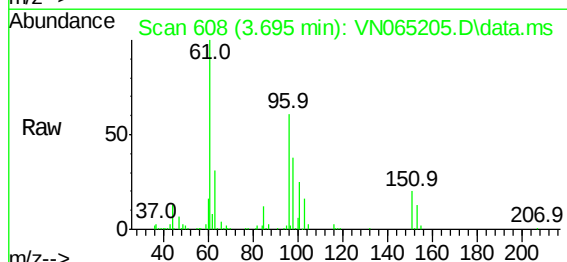
Manual Integrations
APPROVED

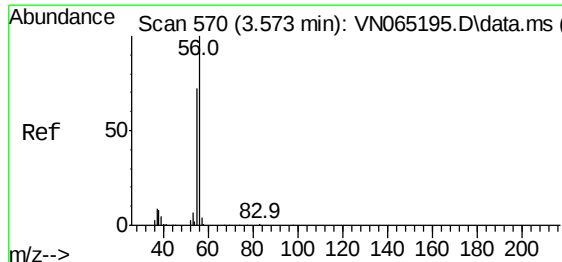
MMDadoda
12/23/2020 12:51:36 PM



1,1-Dichloroethene
Concen: 18.68 ug/l
RT: 3.695 min Scan# 608
Delta R.T. -0.000 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56

Tgt Ion: 96 Resp: 48023
Ion Ratio Lower Upper
96 100
61 163.0 123.4 185.2
98 61.6 49.8 74.8





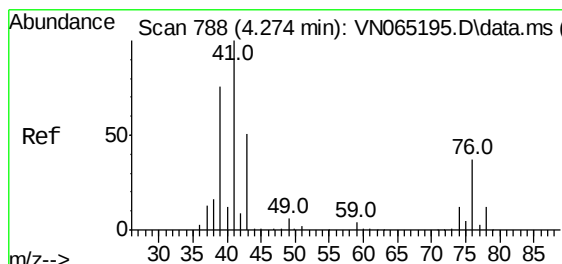
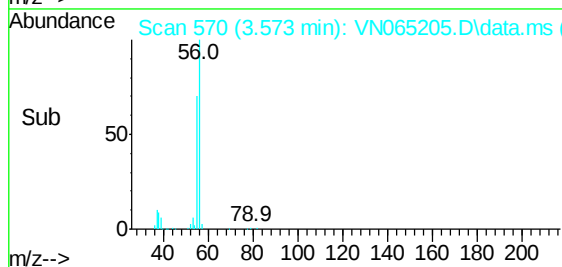
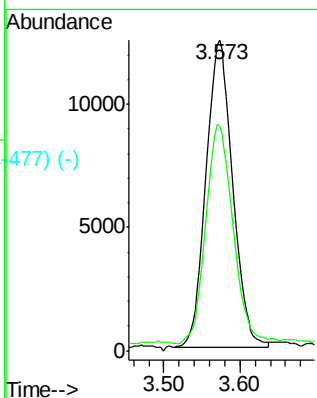
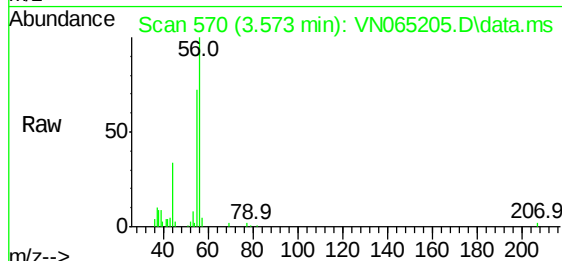
Acrolein
Concen: 94.31 ug/l
RT: 3.573 min Scan# 570
Delta R.T. -0.000 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56

Tgt Ion: 56 Resp: 30350
Ion Ratio Lower Upper
56 100
55 72.6 56.5 84.7

Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01

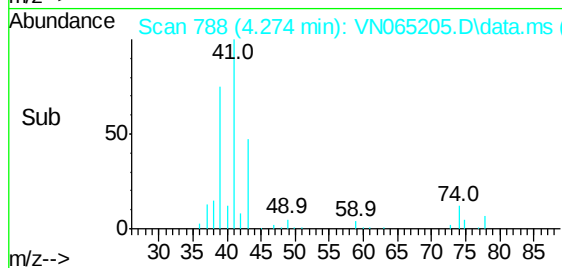
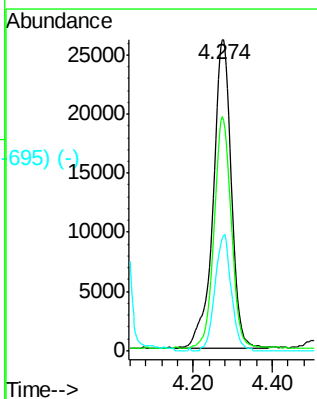
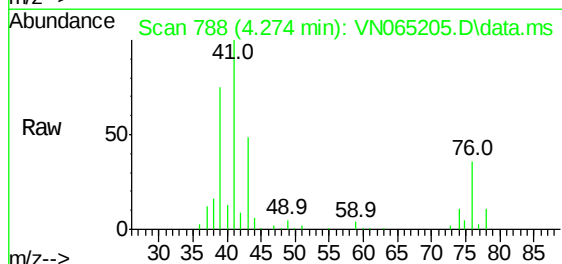
Manual Integrations
APPROVED

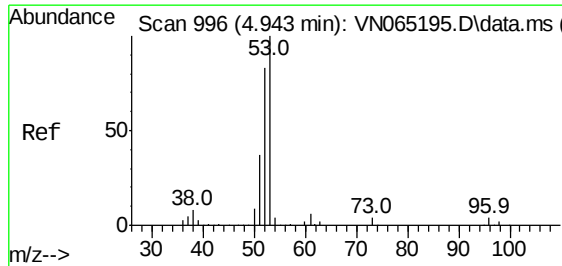
MMDadoda
12/23/2020 12:51:36 PM



Allyl chloride
Concen: 19.59 ug/l
RT: 4.274 min Scan# 788
Delta R.T. -0.000 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56

Tgt Ion: 41 Resp: 83040
Ion Ratio Lower Upper
41 100
39 70.6 50.9 76.3
76 33.3 29.0 43.4





Acrylonitrile
Concen: 100.10 ug/l
RT: 4.942 min Scan# 996
Delta R.T. -0.001 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56

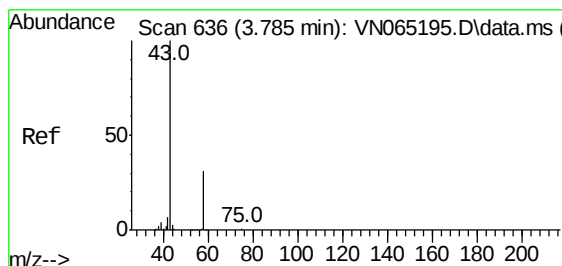
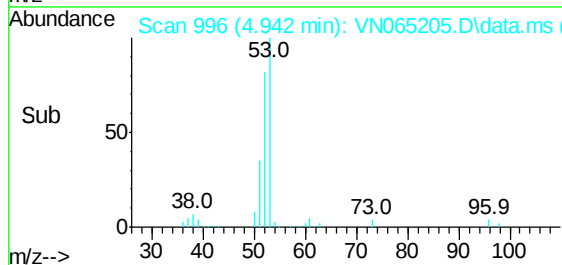
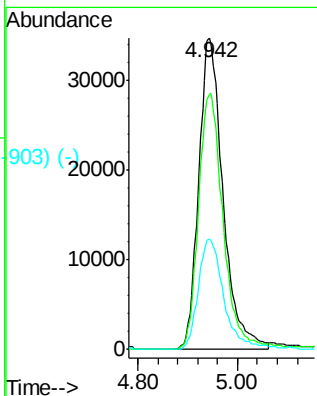
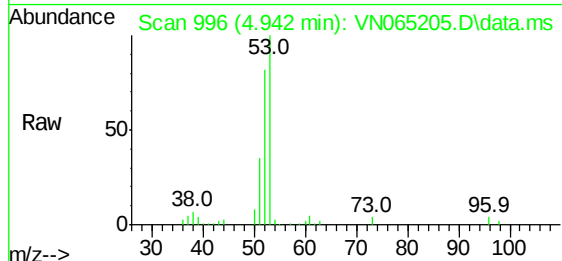
Tgt Ion: 53 Resp: 116978

Ion	Ratio	Lower	Upper
53	100		
52	82.6	65.5	98.3
51	37.0	28.6	43.0

Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01

Manual Integrations
APPROVED

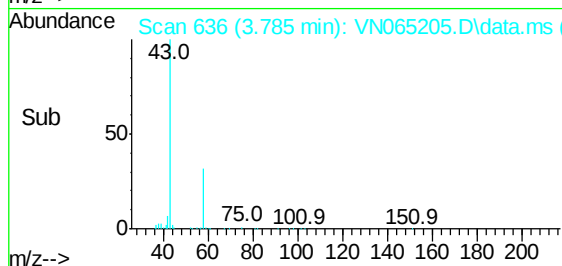
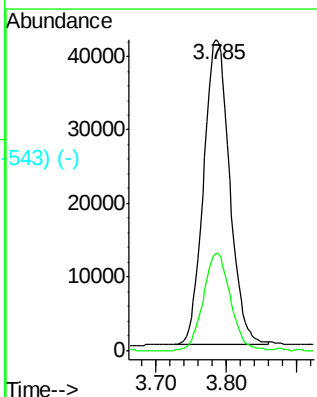
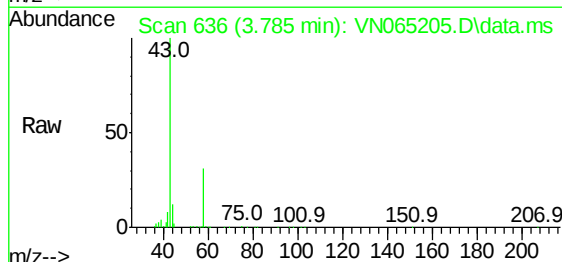
MMDadoda
12/23/2020 12:51:36 PM

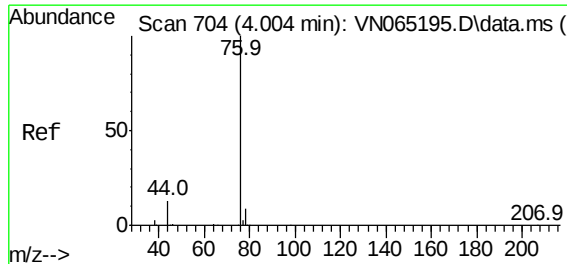


Acetone
Concen: 78.57 ug/l
RT: 3.785 min Scan# 636
Delta R.T. -0.000 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56

Tgt Ion: 43 Resp: 106599

Ion	Ratio	Lower	Upper
43	100		
58	31.3	25.7	38.5





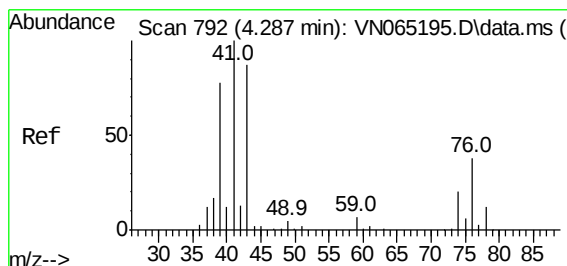
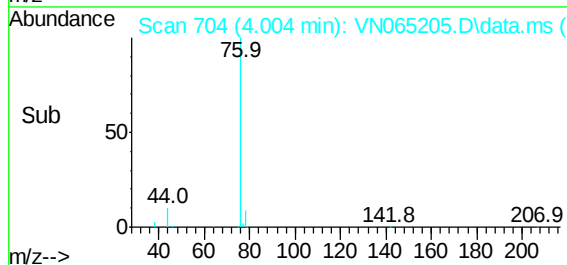
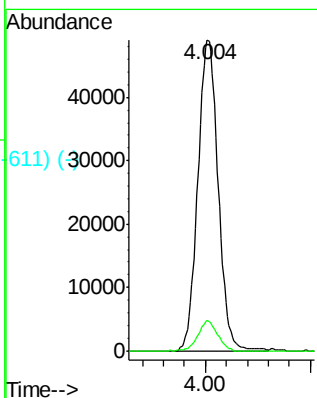
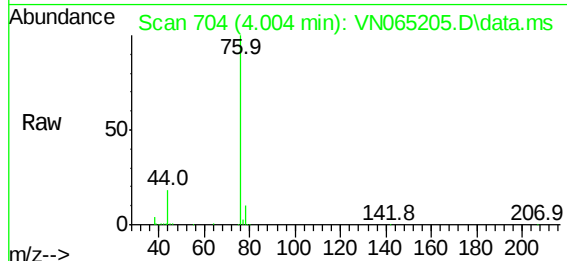
Carbon Disulfide
Concen: 19.84 ug/l
RT: 4.004 min Scan# 704
Delta R.T. -0.000 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56

Tgt Ion: 76 Resp: 130548
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.0

Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01

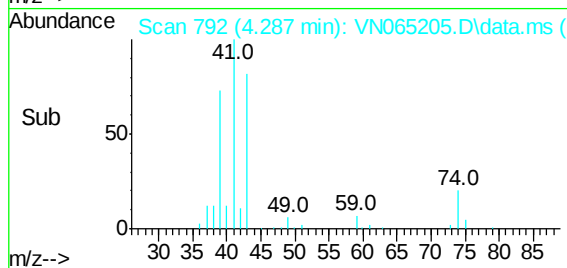
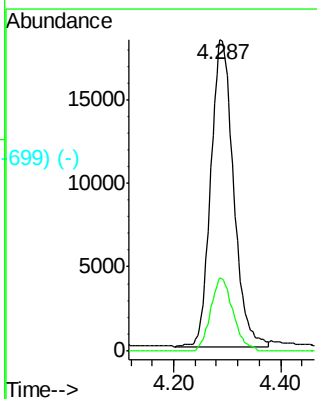
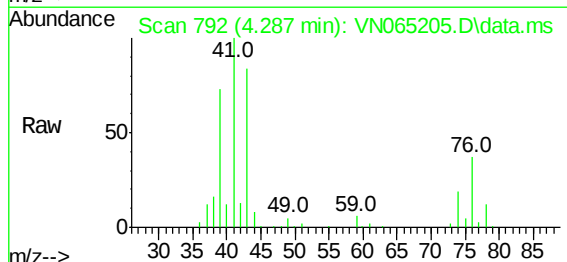
Manual Integrations
APPROVED

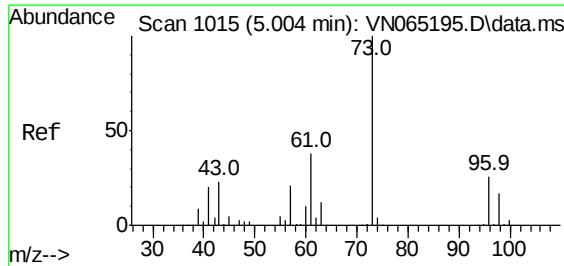
MMDadoda
12/23/2020 12:51:36 PM



Methyl Acetate
Concen: 20.31 ug/l
RT: 4.287 min Scan# 792
Delta R.T. -0.000 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56

Tgt Ion: 43 Resp: 53885
Ion Ratio Lower Upper
43 100
74 23.1 20.2 30.2





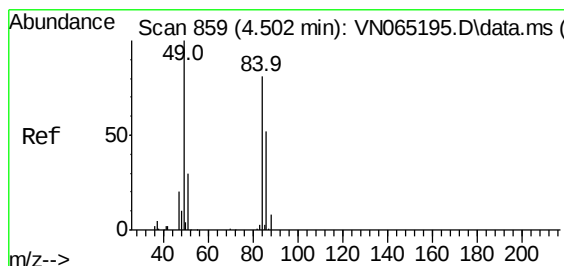
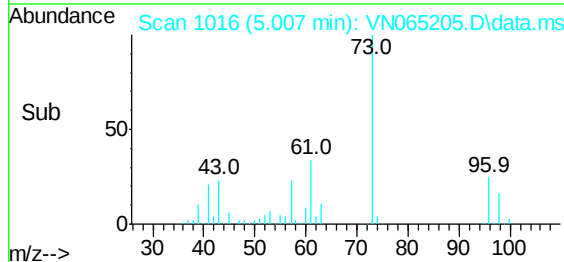
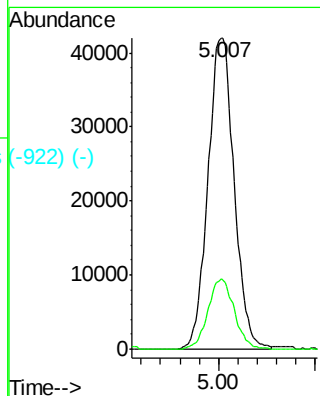
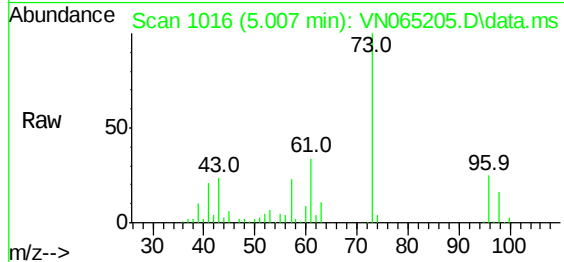
Methyl tert-butyl Ether
Concen: 19.30 ug/l
RT: 5.007 min Scan# 1016
Delta R.T. 0.003 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56

Tgt Ion: 73 Resp: 157593
Ion Ratio Lower Upper
73 100
57 22.5 17.4 26.0

Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01

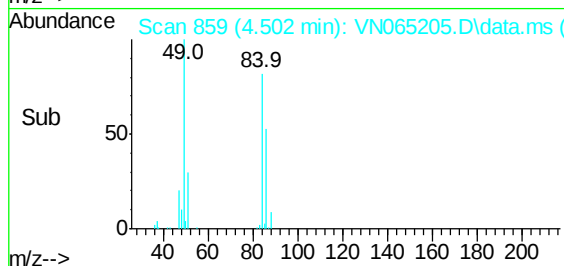
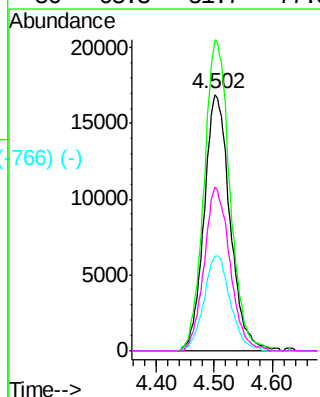
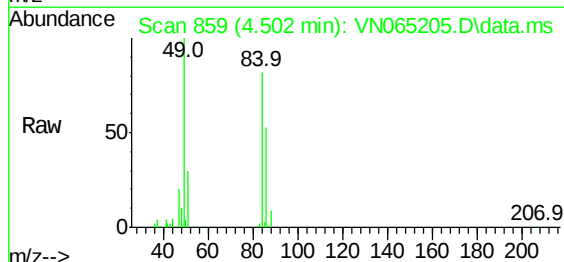
Manual Integrations
APPROVED

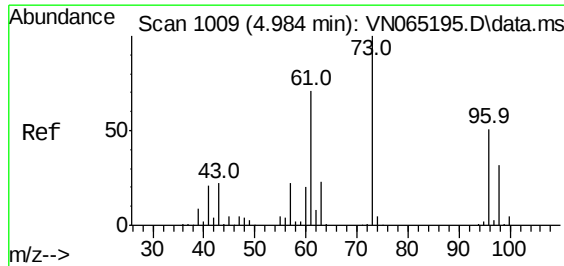
MMDadoda
12/23/2020 12:51:36 PM



Methylene Chloride
Concen: 18.12 ug/l
RT: 4.502 min Scan# 859
Delta R.T. -0.000 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56

Tgt Ion: 84 Resp: 52260
Ion Ratio Lower Upper
84 100
49 121.4 93.4 140.0
51 36.7 28.2 42.4
86 63.8 51.7 77.5





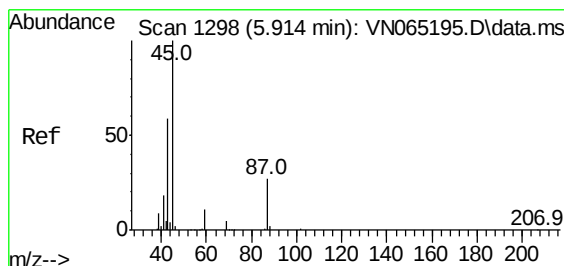
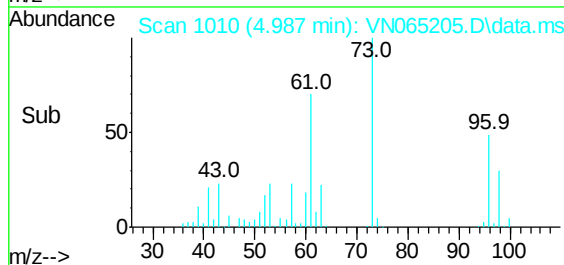
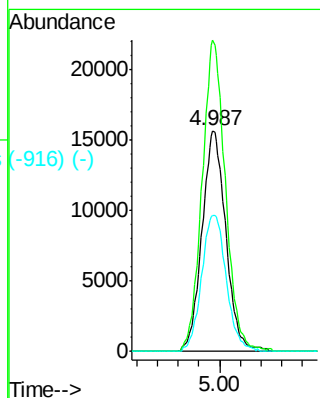
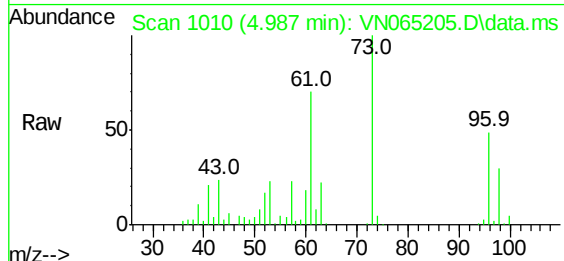
trans-1,2-Dichloroethene
Concen: 19.66 ug/l
RT: 4.987 min Scan# 1010
Delta R.T. 0.003 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56

Tgt Ion: 96 Resp: 49639
Ion Ratio Lower Upper
96 100
61 141.2 108.4 162.6
98 61.6 51.3 76.9

Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01

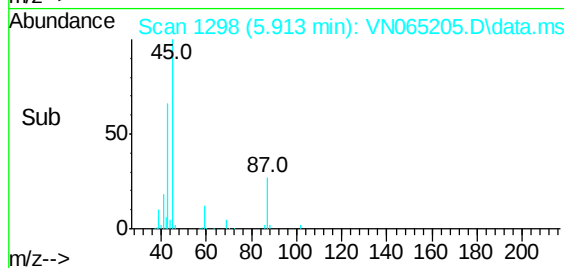
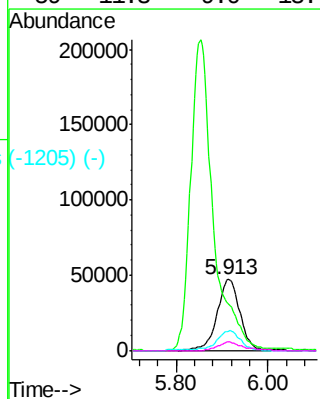
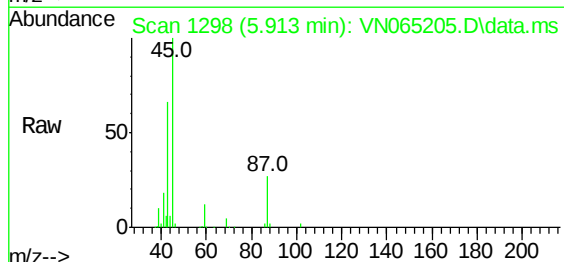
Manual Integrations
APPROVED

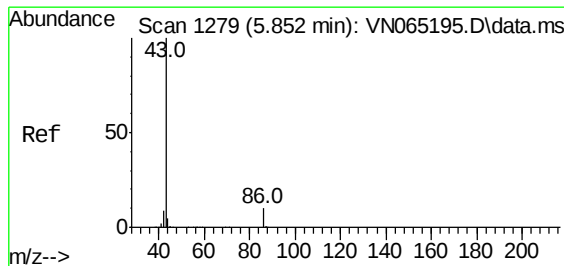
MMDadoda
12/23/2020 12:51:36 PM



Diisopropyl ether
Concen: 19.11 ug/l
RT: 5.913 min Scan# 1298
Delta R.T. -0.001 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56

Tgt Ion: 45 Resp: 161265
Ion Ratio Lower Upper
45 100
43 63.2 46.2 69.2
87 27.5 24.1 36.1
59 11.3 9.0 13.4



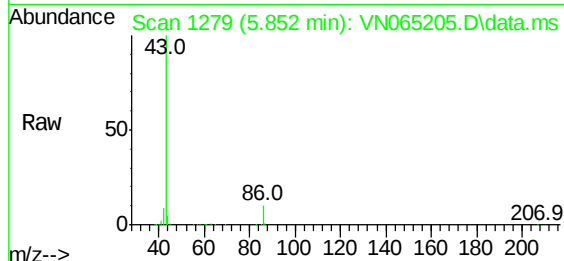


#231 (-)
Vinyl Acetate
Concen: 98.97 ug/l
RT: 5.852 min Scan# 1279
Delta R.T. 0.000 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56

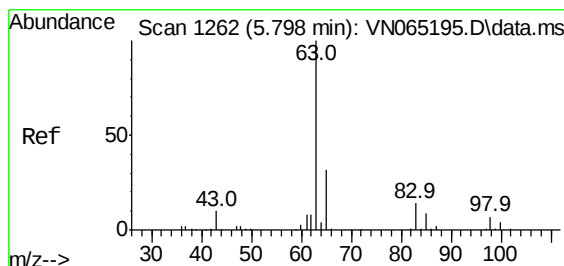
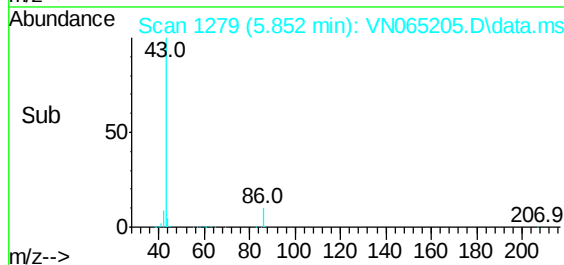
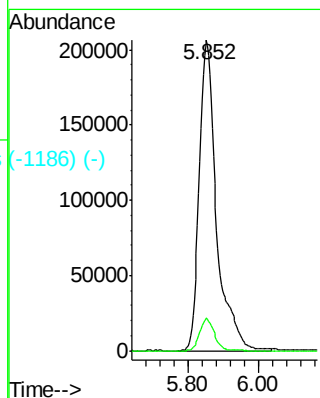
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01

Manual Integrations
APPROVED

MMDadoda
12/23/2020 12:51:36 PM

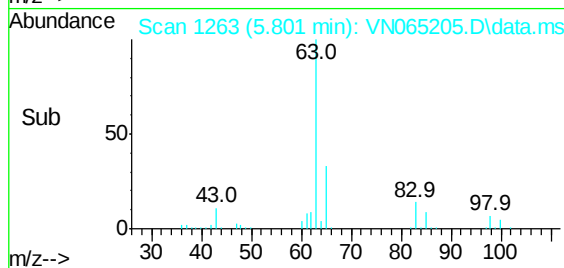
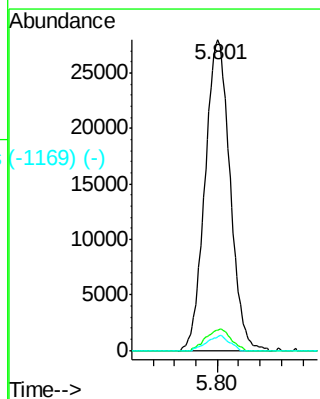
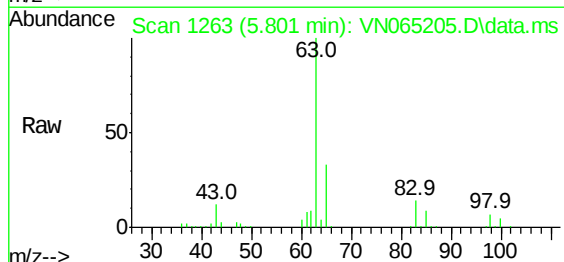


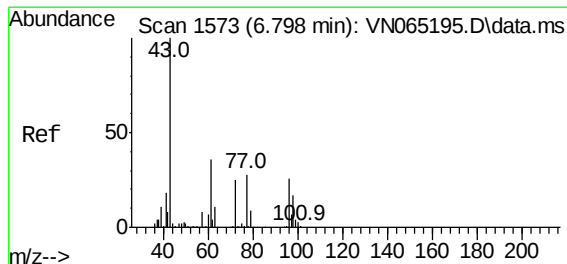
Tgt Ion: 43 Resp: 703794
Ion Ratio Lower Upper
43 100
86 10.5 8.9 13.3



#237 (-)
1,1-Dichloroethane
Concen: 19.45 ug/l
RT: 5.801 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56

Tgt Ion: 63 Resp: 90020
Ion Ratio Lower Upper
63 100
98 6.6 3.5 10.5
100 4.6 2.3 6.8





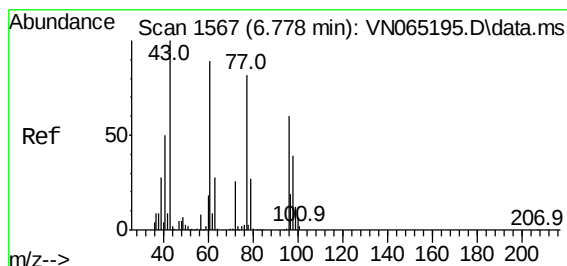
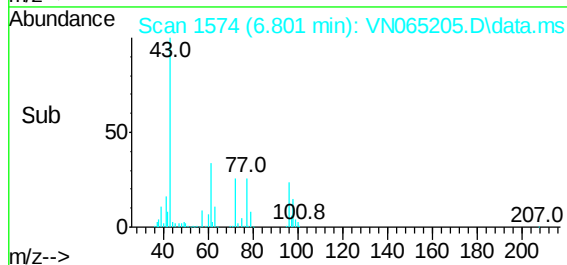
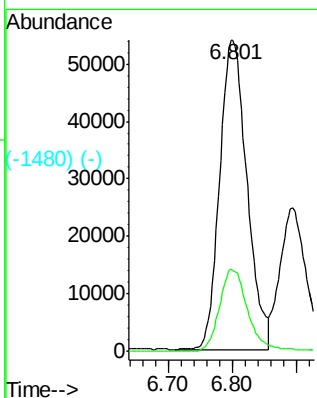
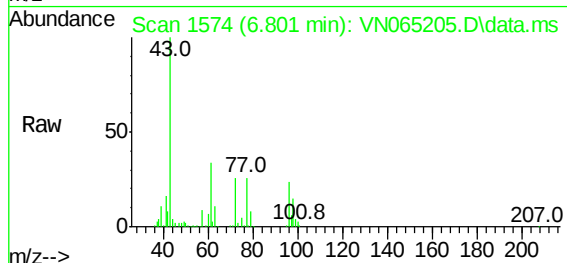
#157 (-)
2-Butanone
Concen: 95.70 ug/l
RT: 6.801 min Scan# 1574
Delta R.T. 0.003 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56

Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01

Tgt Ion: 43 Resp: 158782
Ion Ratio Lower Upper
43 100
72 25.8 21.0 31.6

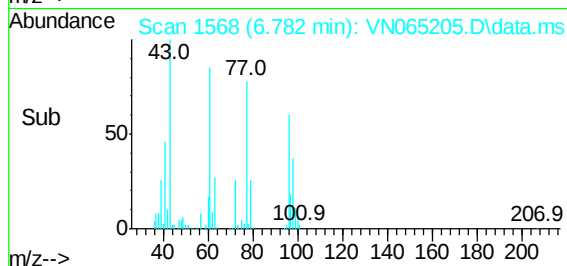
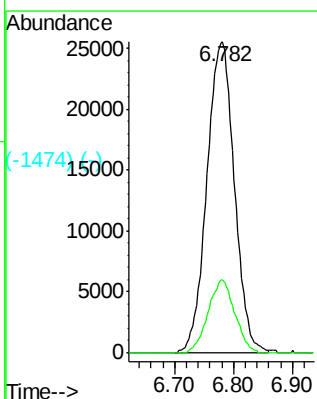
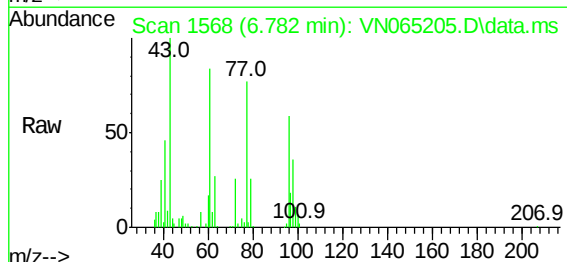
Manual Integrations
APPROVED

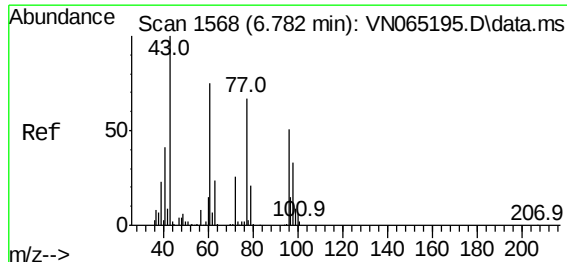
MMDadoda
12/23/2020 12:51:36 PM



#156 (-)
2,2-Dichloropropane
Concen: 18.55 ug/l
RT: 6.782 min Scan# 1568
Delta R.T. 0.004 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56

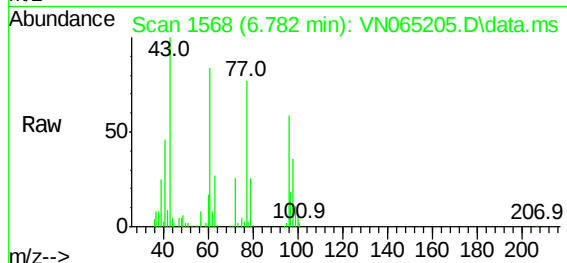
Tgt Ion: 77 Resp: 82040
Ion Ratio Lower Upper
77 100
97 22.6 11.7 35.0





#1576 (-)
cis-1,2-Dichloroethene
Concen: 19.57 ug/l
RT: 6.782 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56

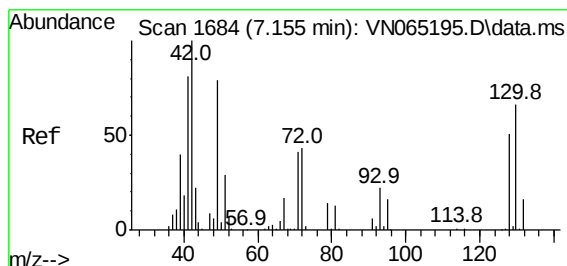
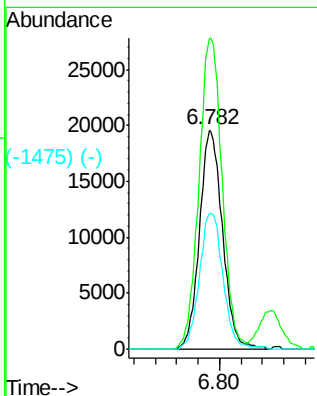
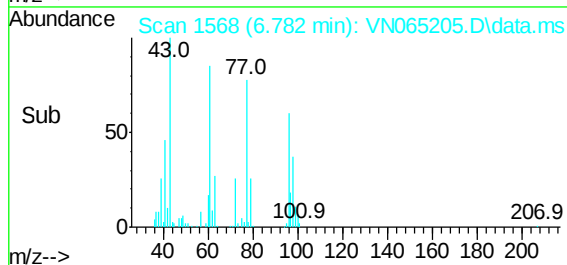
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01



Tgt Ion: 96 Resp: 57502
Ion Ratio Lower Upper
96 100
61 143.8 0.0 285.8
98 63.4 0.0 130.6

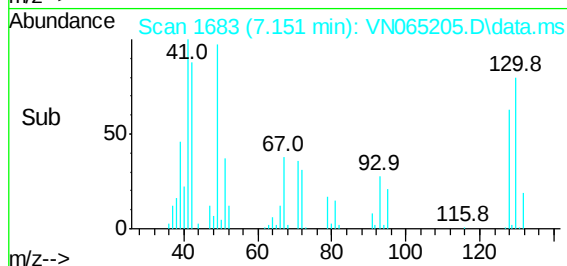
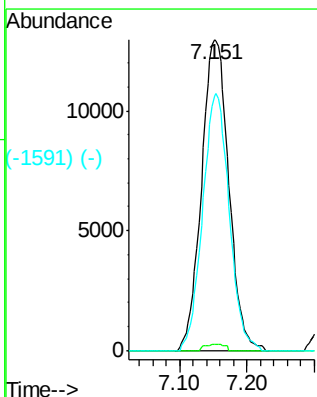
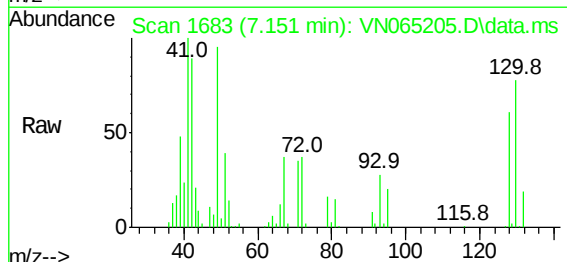
Manual Integrations
APPROVED

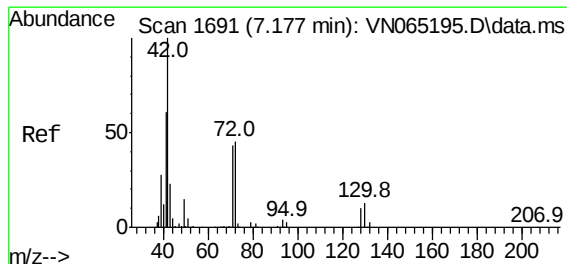
MMDadoda
12/23/2020 12:51:36 PM



#1576 (-)
Bromochloromethane
Concen: 17.81 ug/l
RT: 7.151 min Scan# 1683
Delta R.T. -0.004 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56

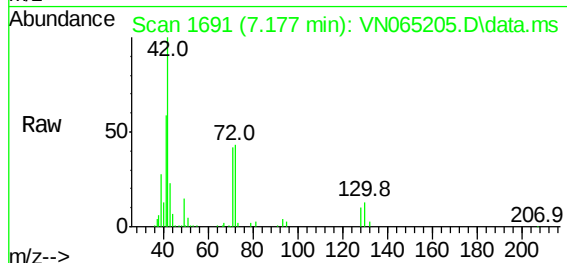
Tgt Ion: 49 Resp: 36616
Ion Ratio Lower Upper
49 100
129 1.5 0.0 3.8
130 80.6 66.2 99.2





#1691 (-)
Tetrahydrofuran
Concen: 100.01 ug/l
RT: 7.177 min Scan# 1691
Delta R.T. 0.000 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56

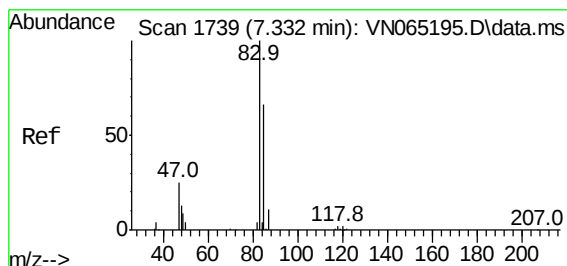
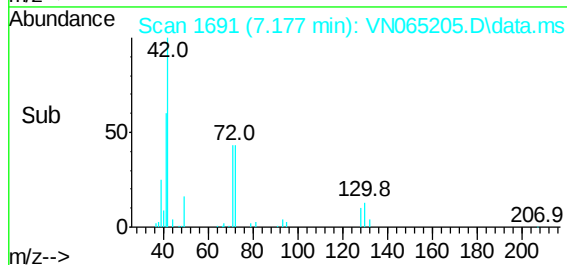
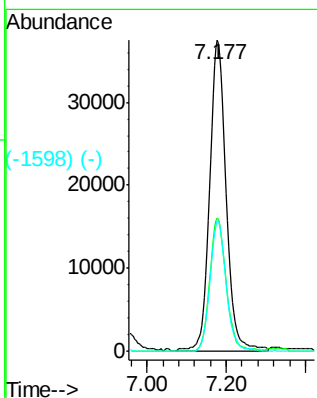
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01



Tgt Ion: 42 Resp: 107305
Ion Ratio Lower Upper
42 100
72 42.1 36.6 54.8
71 40.7 33.6 50.4

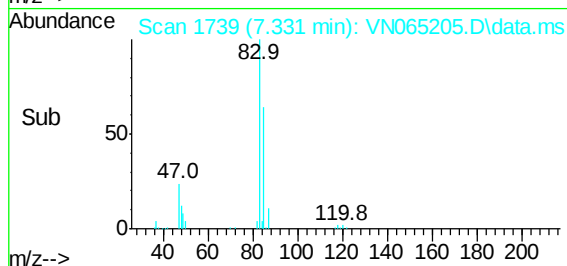
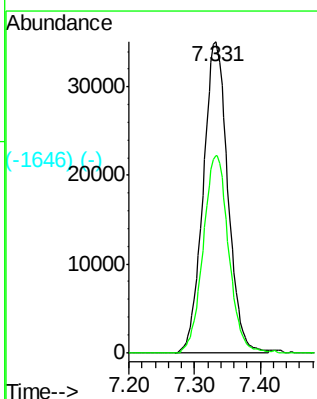
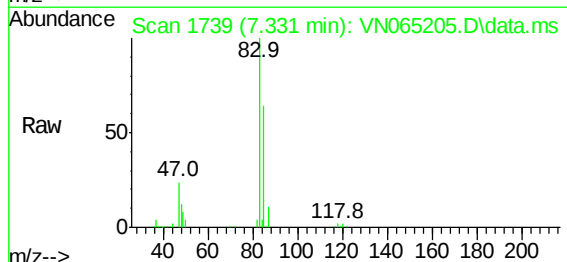
Manual Integrations
APPROVED

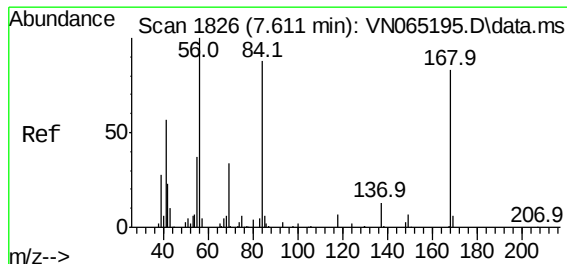
MMDadoda
12/23/2020 12:51:36 PM



#1739 (-)
Chloroform
Concen: 19.17 ug/l
RT: 7.331 min Scan# 1739
Delta R.T. -0.001 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56

Tgt Ion: 83 Resp: 91352
Ion Ratio Lower Upper
83 100
85 63.5 52.6 78.8





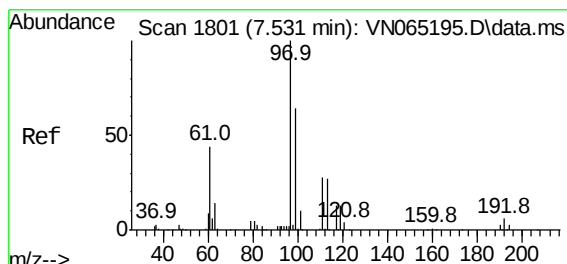
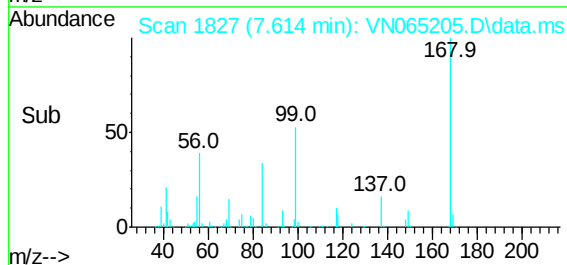
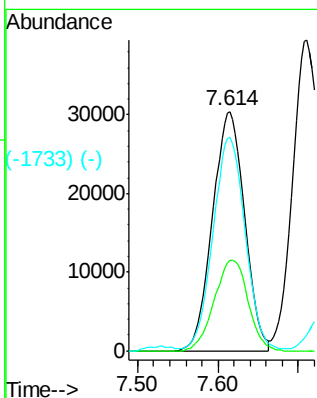
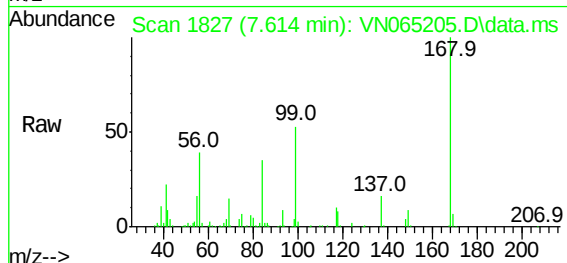
#1826 (-)
Cyclohexane
Concen: 18.94 ug/l
RT: 7.614 min Scan# 1827
Delta R.T. 0.003 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56

Tgt Ion: 56 Resp: 82660
Ion Ratio Lower Upper
56 100
69 37.7 27.5 41.3
84 87.8 73.9 110.9

Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01

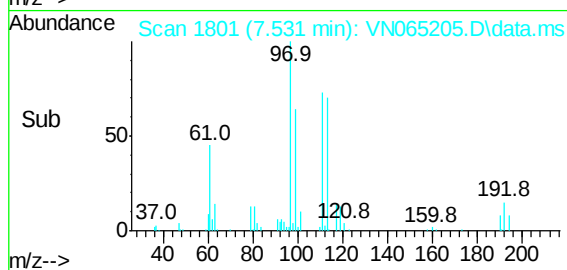
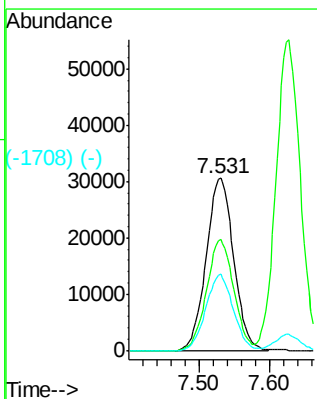
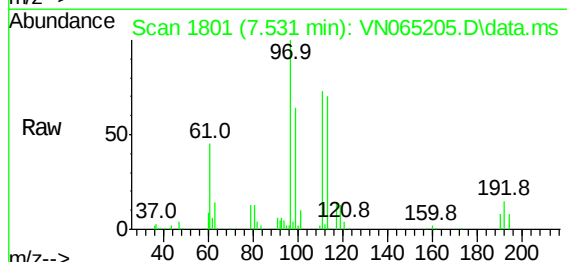
Manual Integrations
APPROVED

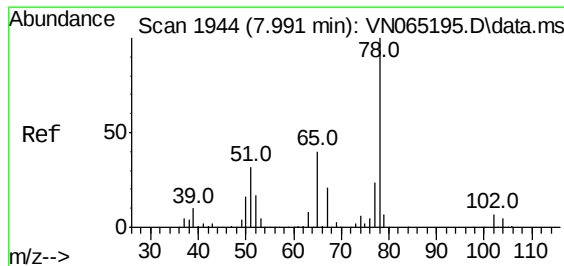
MMDadoda
12/23/2020 12:51:36 PM



#1801 (-)
1,1,1-Trichloroethane
Concen: 19.18 ug/l
RT: 7.531 min Scan# 1801
Delta R.T. -0.000 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56

Tgt Ion: 97 Resp: 82806
Ion Ratio Lower Upper
97 100
99 64.0 51.7 77.5
61 44.1 33.9 50.9





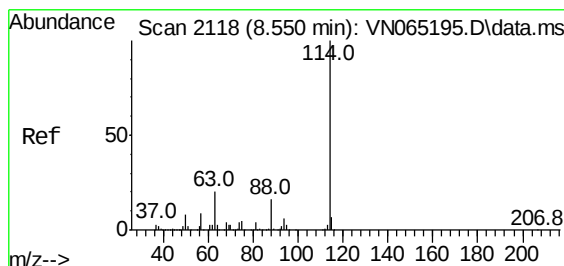
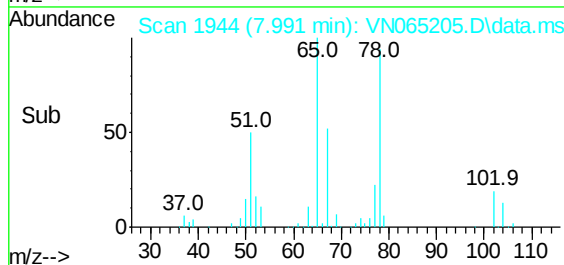
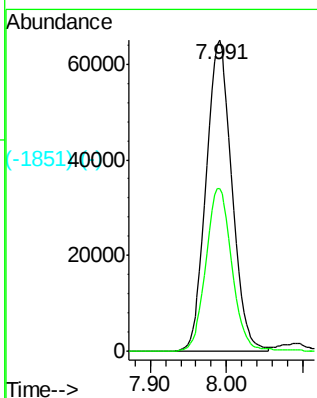
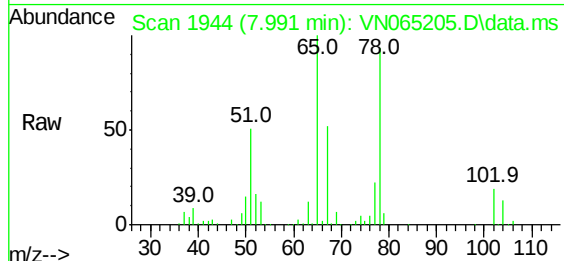
(-1926) (-)
 1,2-Dichloroethane-d4
 Concen: 51.65 ug/l
 RT: 7.991 min Scan# 1944
 Delta R.T. -0.000 min
 Lab File: VN065205.D
 Acq: 22 Dec 2020 18:56

Tgt Ion: 65 Resp: 152653
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 108.2

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1222WBSD01

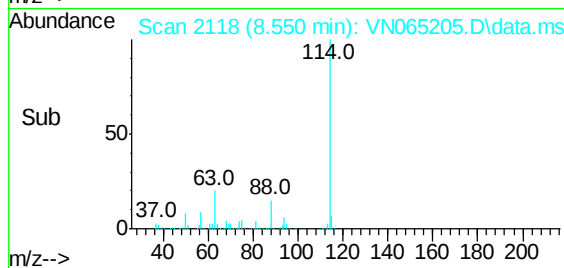
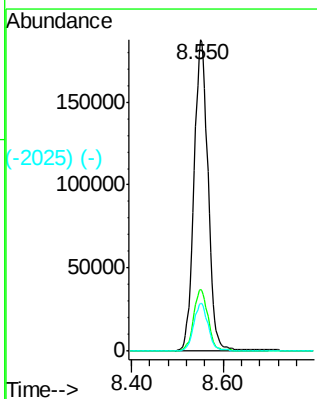
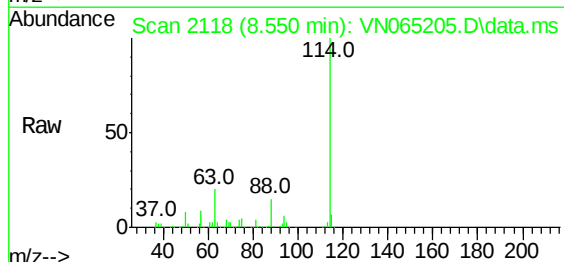
Manual Integrations
 APPROVED

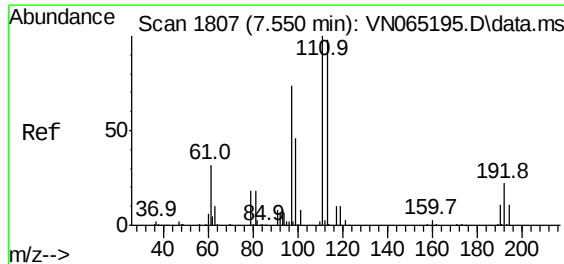
MMDadoda
 12/23/2020 12:51:36 PM



(-2361) (-)
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.550 min Scan# 2118
 Delta R.T. 0.000 min
 Lab File: VN065205.D
 Acq: 22 Dec 2020 18:56

Tgt Ion:114 Resp: 397654
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 38.6
 88 15.3 0.0 32.6



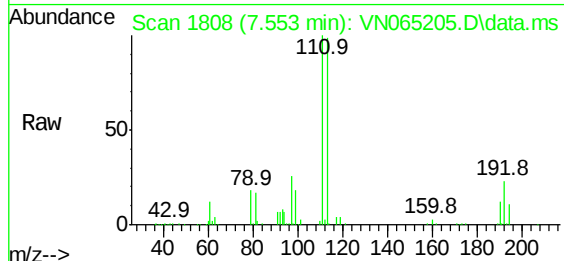


#358 (-)
Dibromofluoromethane
Concen: 51.49 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56

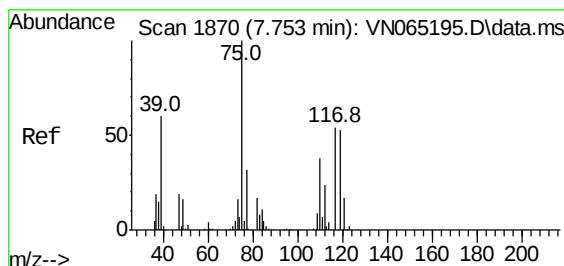
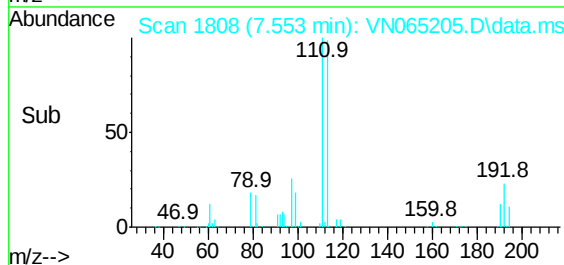
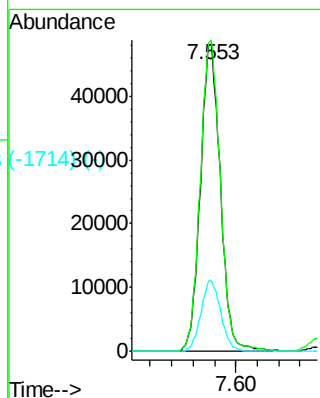
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01

Manual Integrations
APPROVED

MMDadoda
12/23/2020 12:51:36 PM

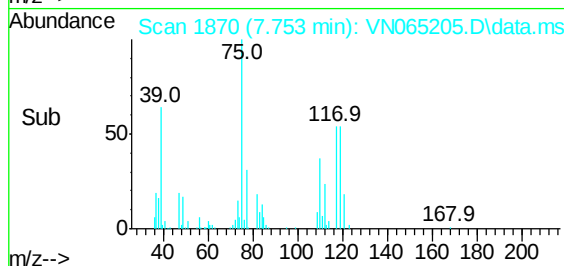
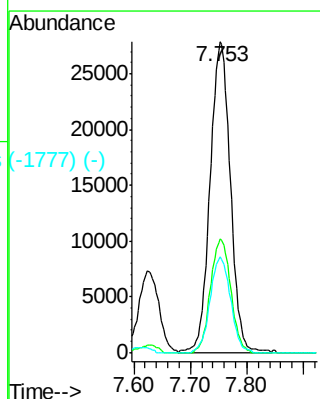
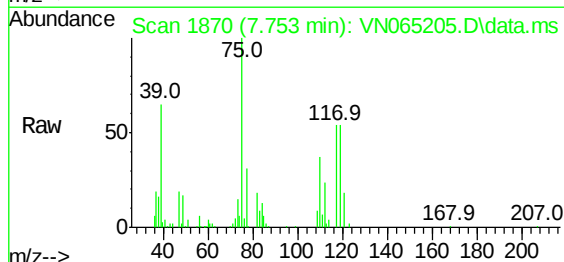


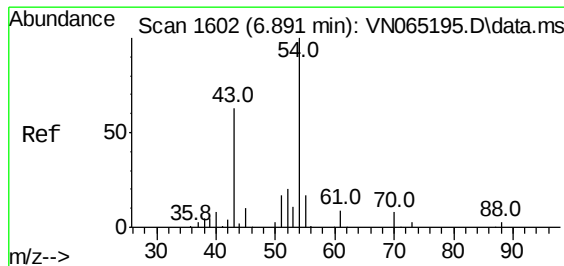
Tgt Ion:113 Resp: 123540
Ion Ratio Lower Upper
113 100
111 101.9 81.6 122.4
192 22.6 16.2 24.2



#367 (-)
1,1-Dichloropropene
Concen: 19.03 ug/l
RT: 7.753 min Scan# 1870
Delta R.T. -0.000 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56

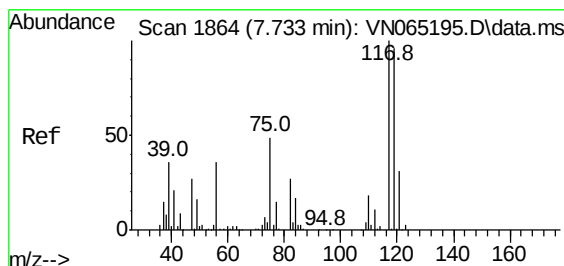
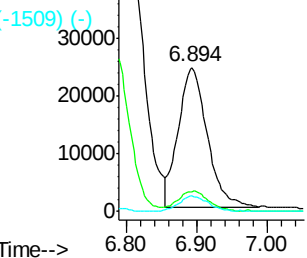
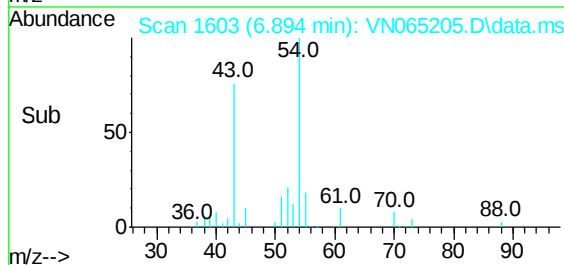
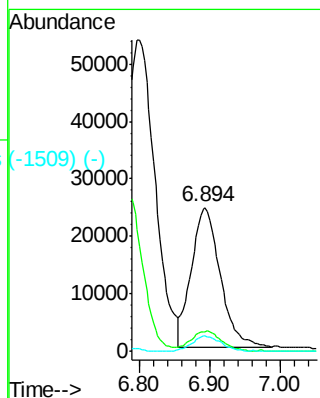
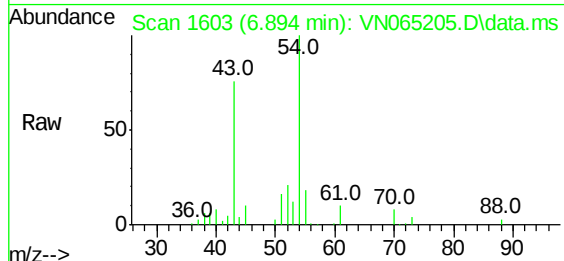
Tgt Ion: 75 Resp: 68798
Ion Ratio Lower Upper
75 100
110 36.4 17.8 53.3
77 30.9 25.0 37.4





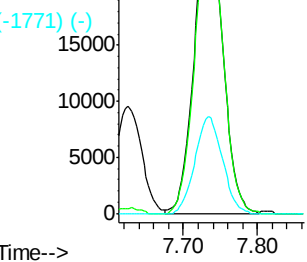
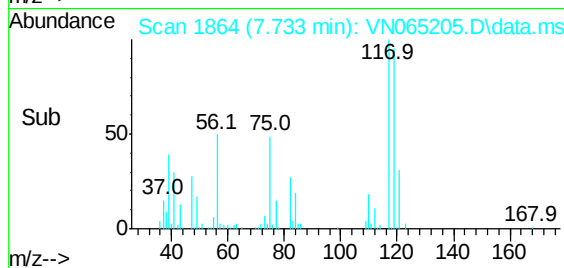
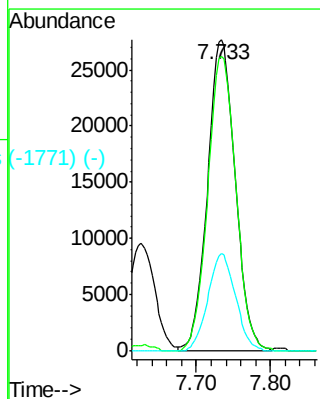
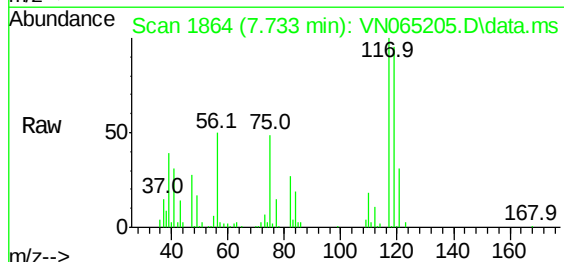
#191 (-)
Ethyl Acetate
Concen: 19.45 ug/l
RT: 6.894 min Scan# 1603
Delta R.T. 0.003 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56

Tgt Ion: 43 Resp: 69718
Ion Ratio Lower Upper
43 100
61 14.7 12.8 19.2
70 10.1 8.8 13.2



#186 (-)
Carbon Tetrachloride
Concen: 18.87 ug/l
RT: 7.733 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56

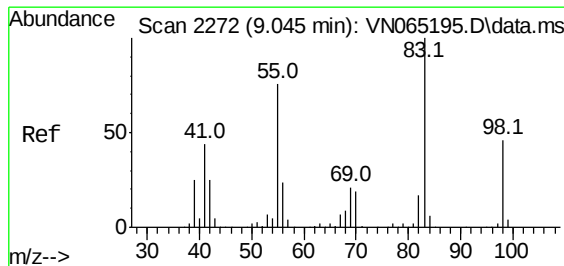
Tgt Ion: 117 Resp: 71656
Ion Ratio Lower Upper
117 100
119 94.7 76.7 115.1
121 31.1 25.4 38.2



Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01

Manual Integrations
APPROVED

MMDadoda
12/23/2020 12:51:36 PM



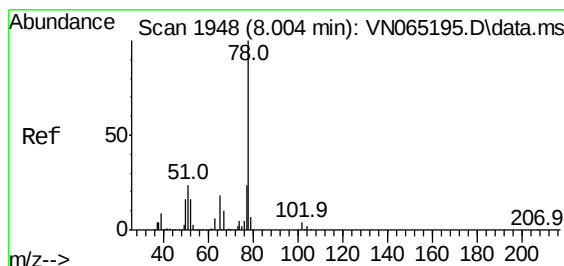
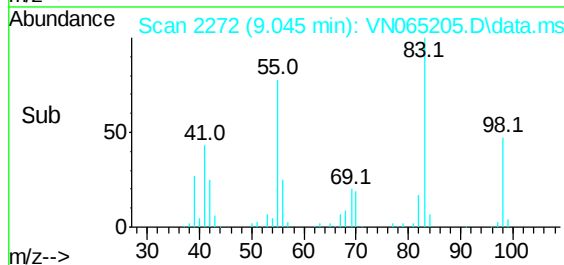
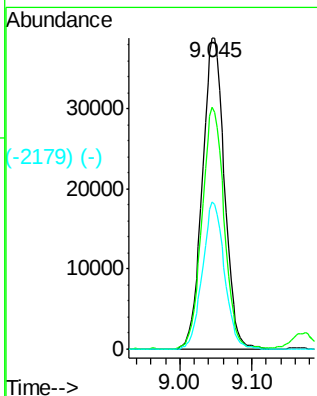
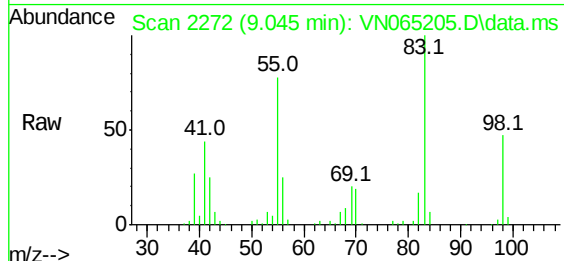
#295 (-)
Methylcyclohexane
Concen: 18.86 ug/l
RT: 9.045 min Scan# 2272
Delta R.T. 0.000 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56

Tgt Ion: 83 Resp: 81926
Ion Ratio Lower Upper
83 100
55 77.6 60.2 90.2
98 47.2 37.4 56.2

Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01

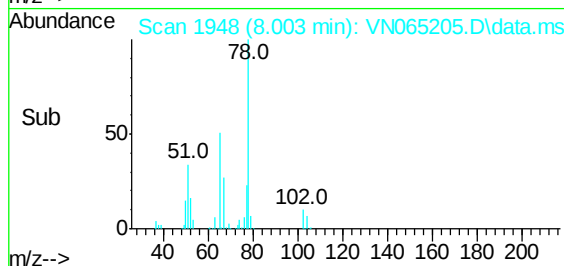
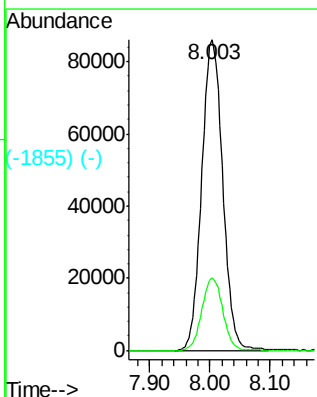
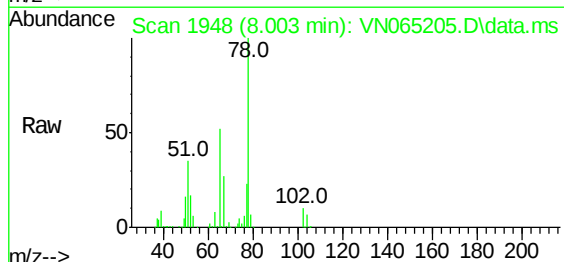
Manual Integrations
APPROVED

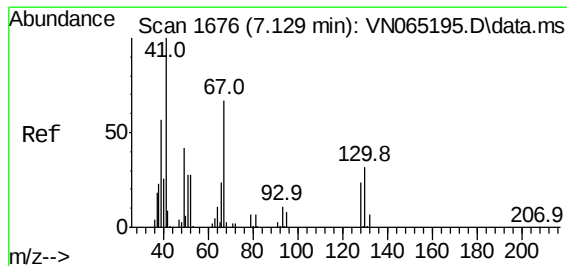
MMDadoda
12/23/2020 12:51:36 PM



#498 (-)
Benzene
Concen: 19.04 ug/l
RT: 8.003 min Scan# 1948
Delta R.T. -0.001 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56

Tgt Ion: 78 Resp: 204760
Ion Ratio Lower Upper
78 100
77 23.2 17.9 26.9



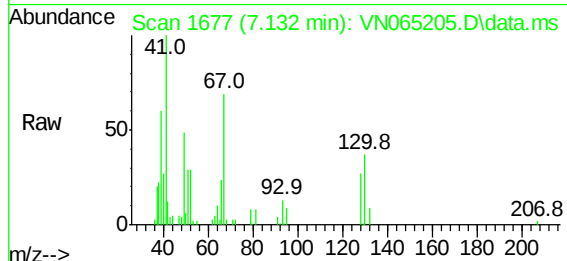


(-1530) (-)
Methacrylonitrile
Concen: 15.49 ug/l
RT: 7.132 min Scan# 1677
Delta R.T. 0.003 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56

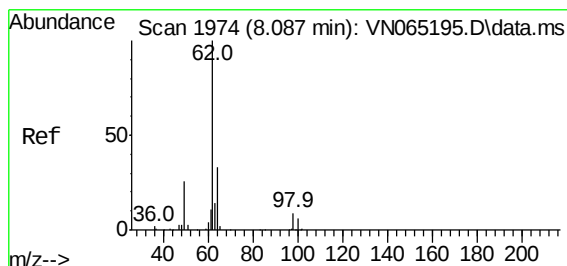
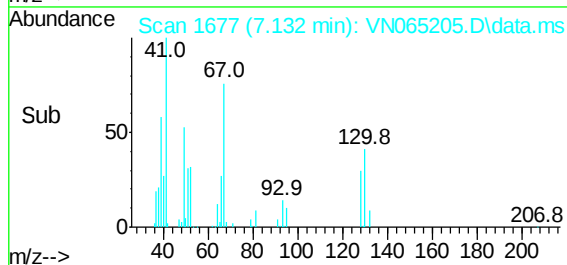
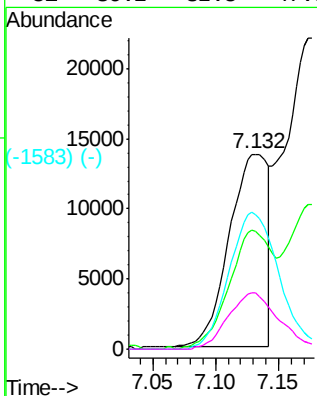
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01

Manual Integrations
APPROVED

MMDadoda
12/23/2020 12:51:36 PM

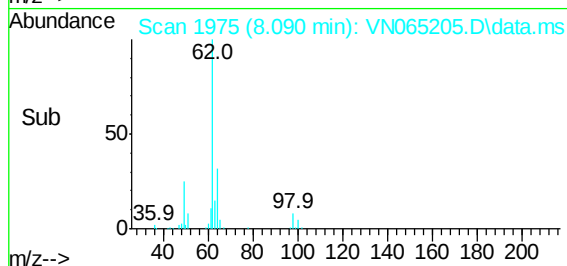
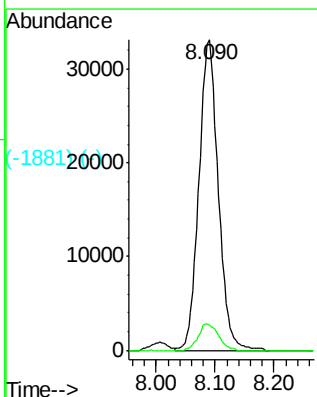
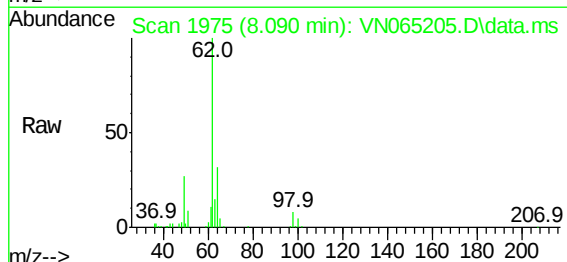


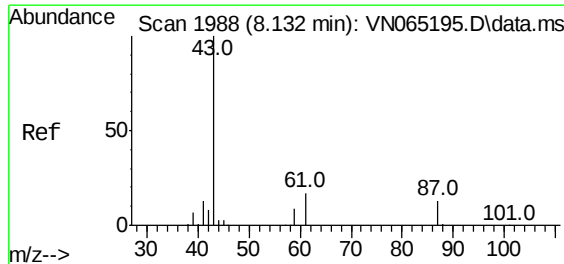
Tgt Ion: 41 Resp: 28886
Ion Ratio Lower Upper
41 100
39 70.1 51.0 76.6
67 94.2 79.8 119.8
52 39.2 31.5 47.3



(-1998) (-)
1,2-Dichloroethane
Concen: 19.17 ug/l
RT: 8.090 min Scan# 1975
Delta R.T. 0.003 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56

Tgt Ion: 62 Resp: 76195
Ion Ratio Lower Upper
62 100
98 8.9 0.0 19.6





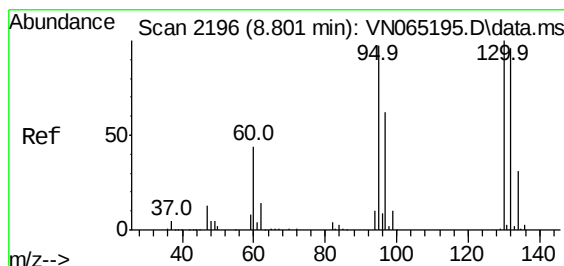
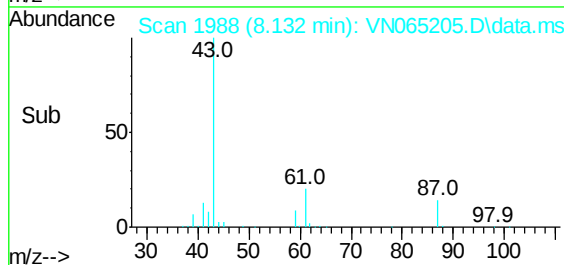
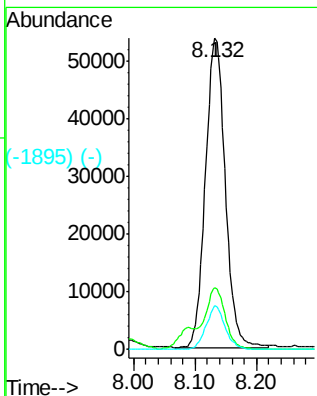
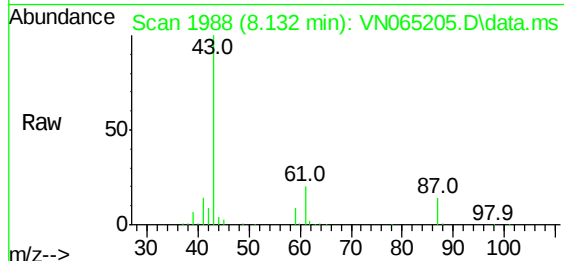
#438 (-)
Isopropyl Acetate
Concen: 19.53 ug/l
RT: 8.132 min Scan# 1988
Delta R.T. 0.000 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56

Tgt Ion: 43 Resp: 120607
Ion Ratio Lower Upper
43 100
61 19.0 17.2 25.8
87 13.1 11.4 17.0

Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01

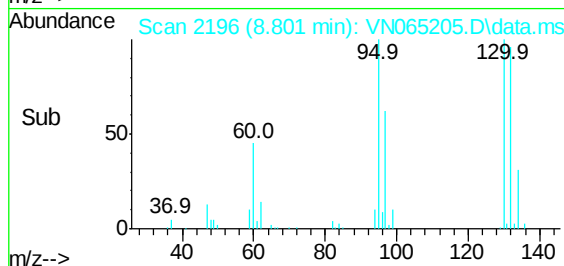
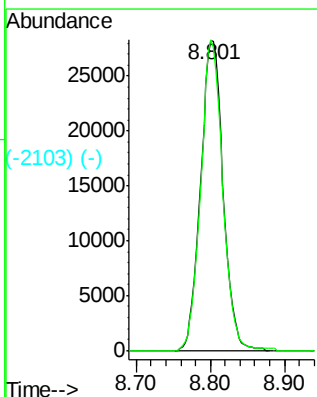
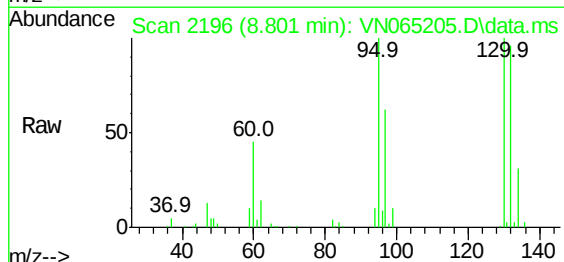
Manual Integrations
APPROVED

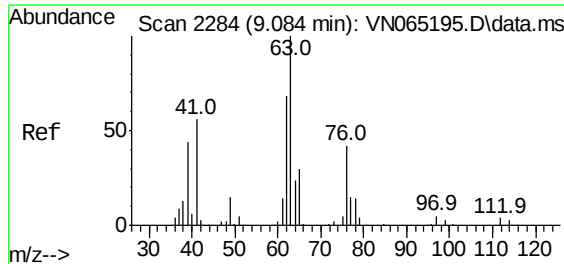
MMDadoda
12/23/2020 12:51:36 PM



#440 (-)
Trichloroethene
Concen: 19.15 ug/l
RT: 8.801 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56

Tgt Ion:130 Resp: 59448
Ion Ratio Lower Upper
130 100
95 100.2 0.0 197.8



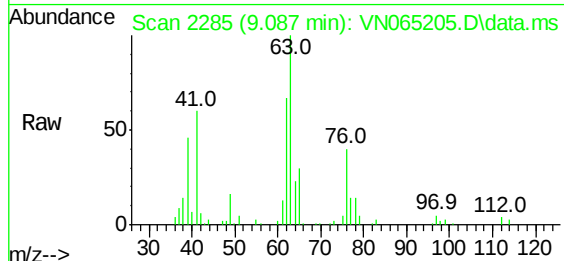


#452 (-)
1,2-Dichloropropane
Concen: 19.22 ug/l
RT: 9.087 min Scan# 2285
Delta R.T. 0.003 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56

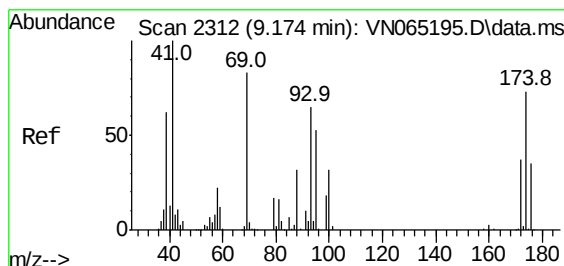
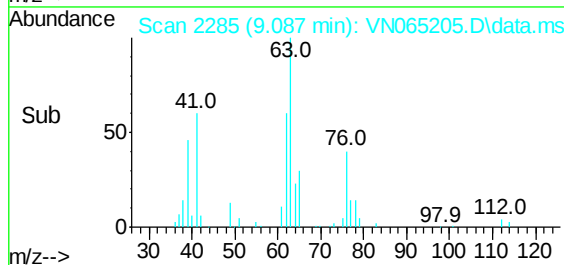
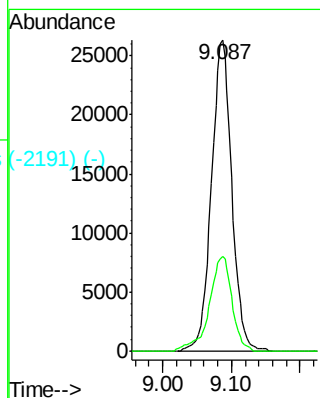
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01

Manual Integrations
APPROVED

MMDadoda
12/23/2020 12:51:36 PM

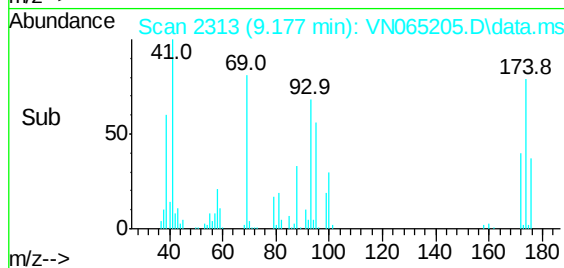
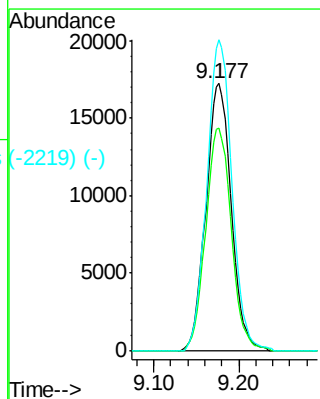
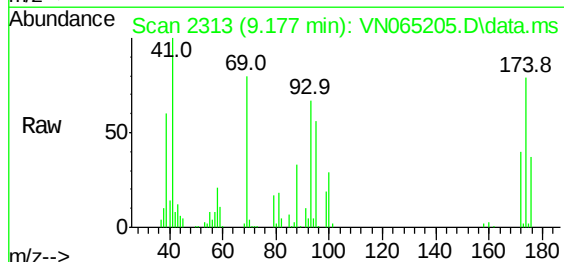


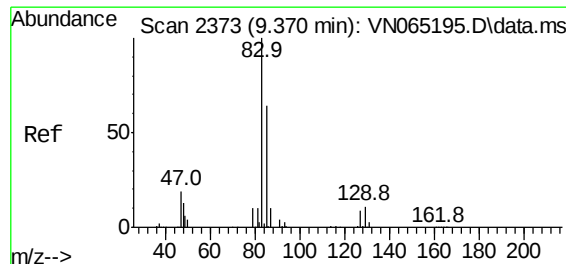
Tgt Ion: 63 Resp: 53734
Ion Ratio Lower Upper
63 100
65 30.4 25.0 37.4



#457 (-)
Dibromomethane
Concen: 18.69 ug/l
RT: 9.177 min Scan# 2313
Delta R.T. 0.003 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56

Tgt Ion: 93 Resp: 35487
Ion Ratio Lower Upper
93 100
95 84.4 68.8 103.2
174 115.4 83.1 124.7





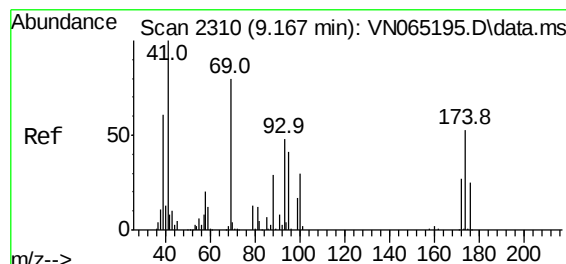
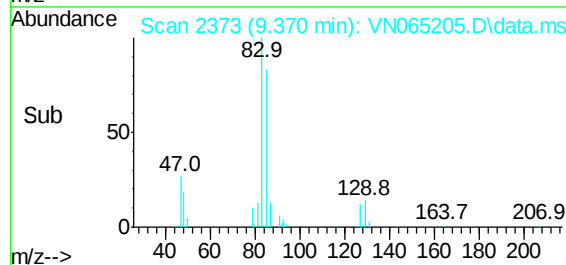
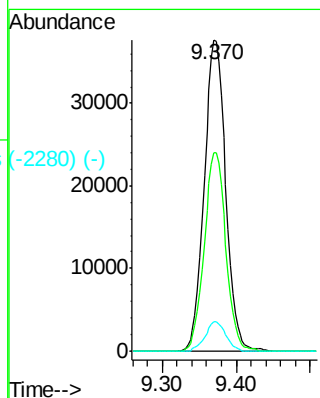
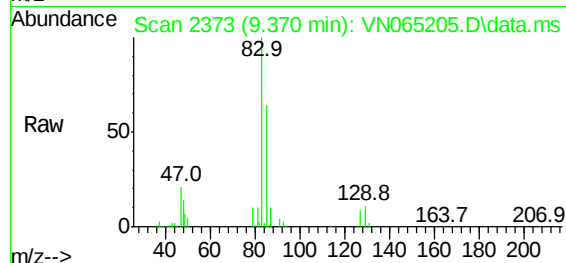
#437 (-)
Bromodichloromethane
Concen: 18.89 ug/l
RT: 9.370 min Scan# 2373
Delta R.T. -0.000 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56

Tgt Ion: 83 Resp: 75647
Ion Ratio Lower Upper
83 100
85 63.9 51.8 77.8
127 9.2 6.8 10.2

Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01

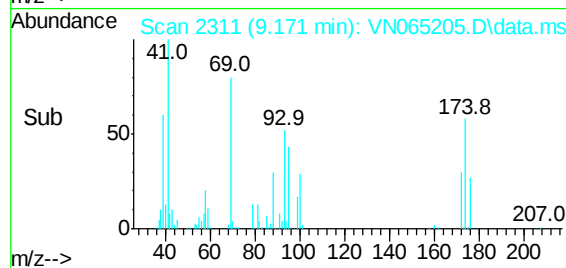
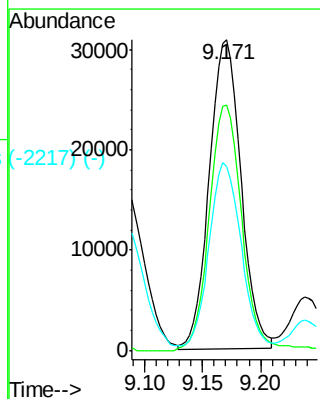
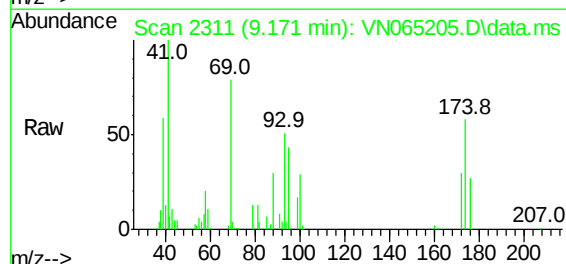
Manual Integrations
APPROVED

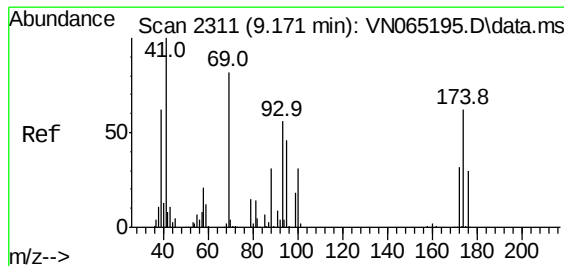
MMDadoda
12/23/2020 12:51:36 PM



#438 (-)
Methyl methacrylate
Concen: 19.60 ug/l
RT: 9.171 min Scan# 2311
Delta R.T. 0.004 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56

Tgt Ion: 41 Resp: 58779
Ion Ratio Lower Upper
41 100
69 80.8 71.8 107.8
39 61.2 44.1 66.1





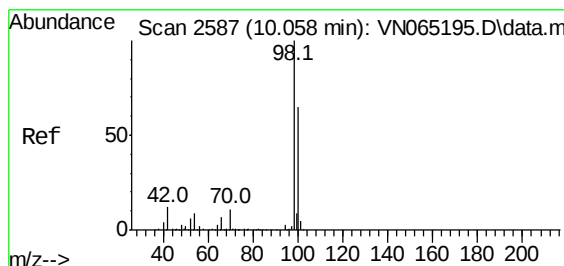
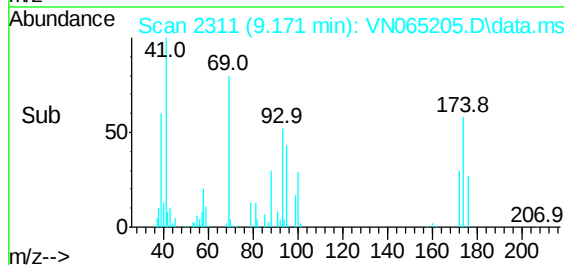
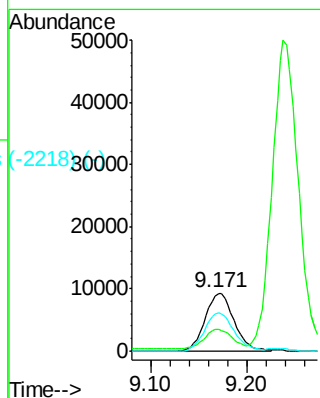
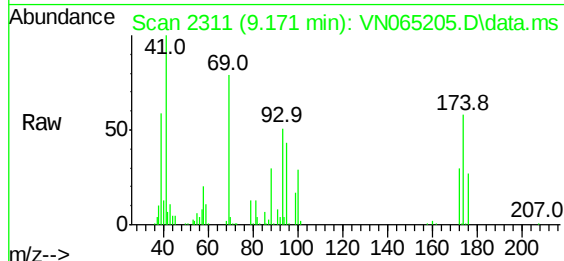
#2311 (-)
1,4-Dioxane
Concen: 391.21 ug/l
RT: 9.171 min Scan# 2311
Delta R.T. -0.000 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56

Tgt Ion: 88 Resp: 19011
Ion Ratio Lower Upper
88 100
43 33.1 24.2 36.4
58 67.9 52.5 78.7

Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01

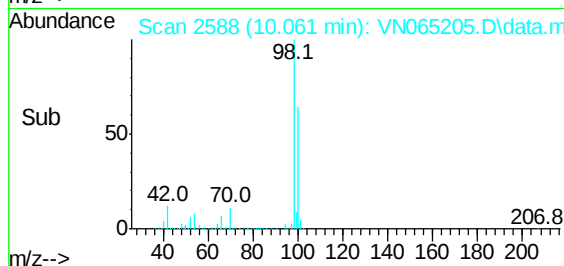
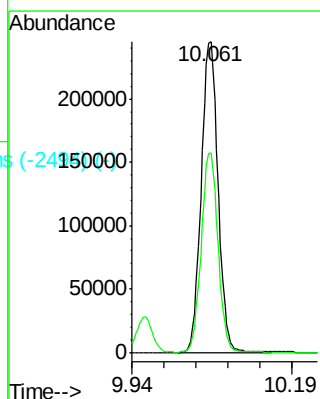
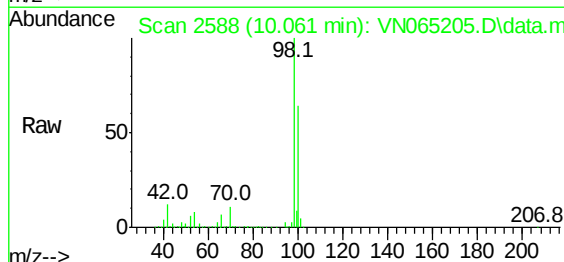
Manual Integrations
APPROVED

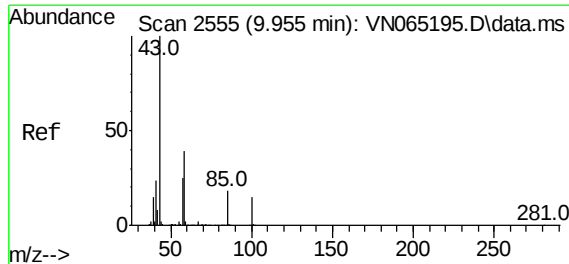
MMDadoda
12/23/2020 12:51:36 PM



#2587 (-)
Toluene-d8
Concen: 50.35 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.003 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56

Tgt Ion: 98 Resp: 452750
Ion Ratio Lower Upper
98 100
100 64.1 51.7 77.5





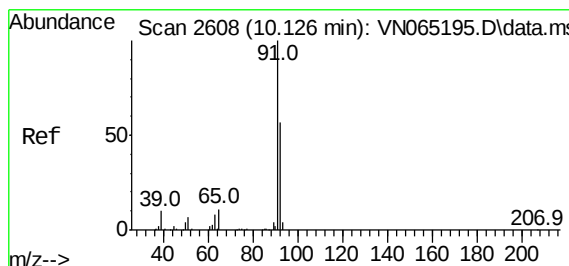
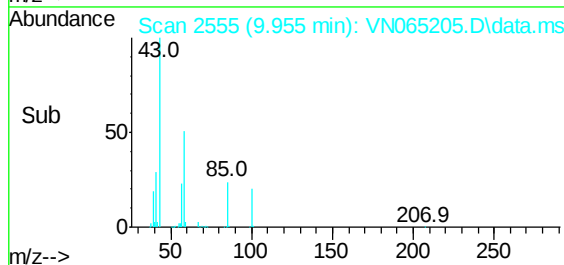
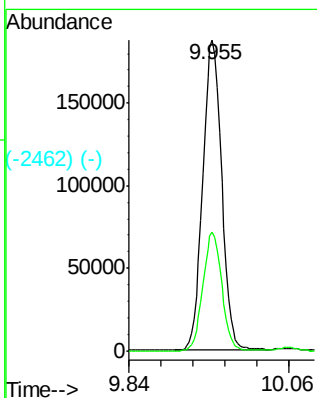
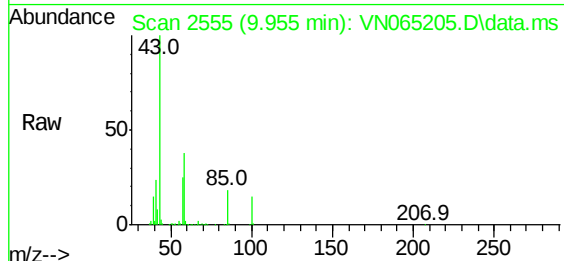
#518 (-)
4-Methyl-2-Pentanone
Concen: 98.29 ug/l
RT: 9.955 min Scan# 2555
Delta R.T. 0.000 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56

Tgt Ion: 43 Resp: 341341
Ion Ratio Lower Upper
43 100
58 38.1 32.4 48.6

Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01

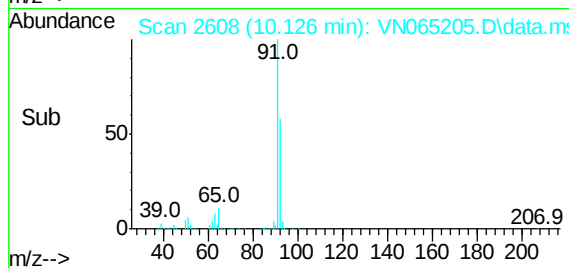
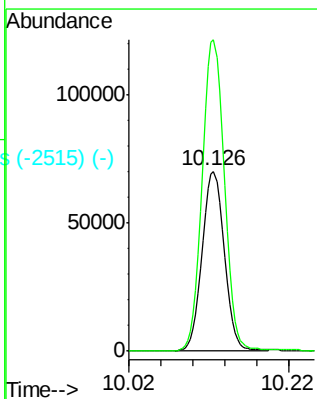
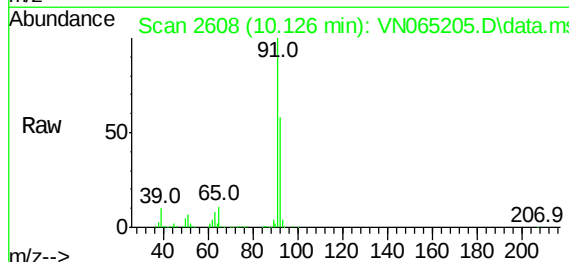
Manual Integrations
APPROVED

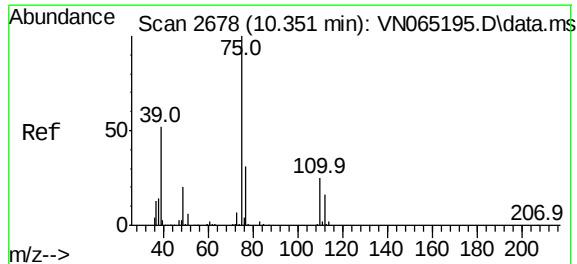
MMDadoda
12/23/2020 12:51:36 PM



#519 (-)
Toluene
Concen: 18.98 ug/l
RT: 10.126 min Scan# 2608
Delta R.T. -0.000 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56

Tgt Ion: 92 Resp: 128695
Ion Ratio Lower Upper
92 100
91 174.2 139.1 208.7





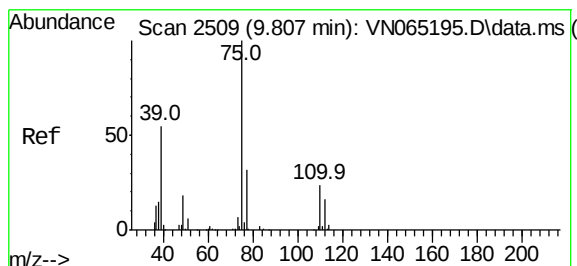
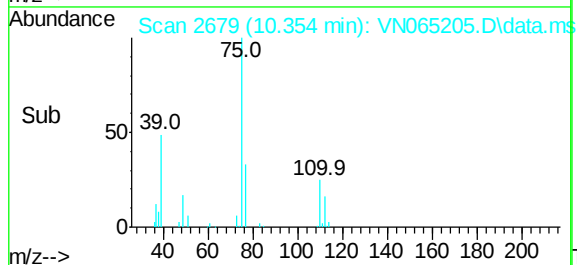
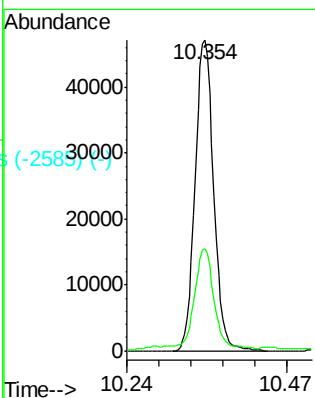
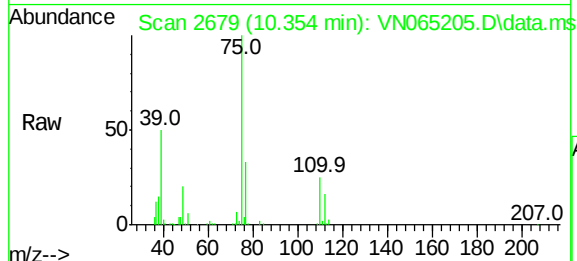
#584 (-)
t-1,3-Dichloropropene
Concen: 18.99 ug/l
RT: 10.354 min Scan# 2679
Delta R.T. 0.003 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56

Tgt Ion: 75 Resp: 85693
Ion Ratio Lower Upper
75 100
77 32.1 25.8 38.6

Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01

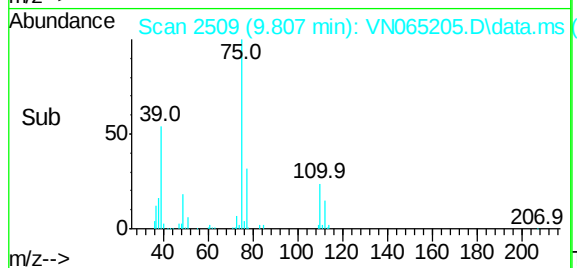
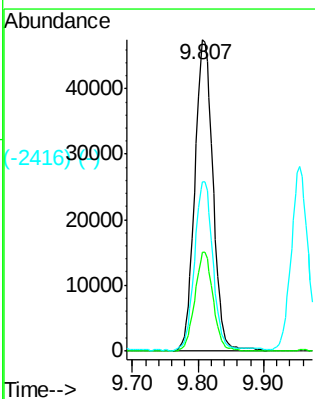
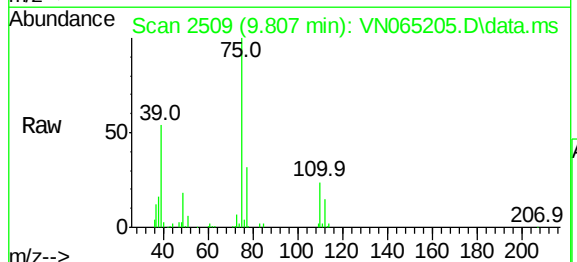
Manual Integrations
APPROVED

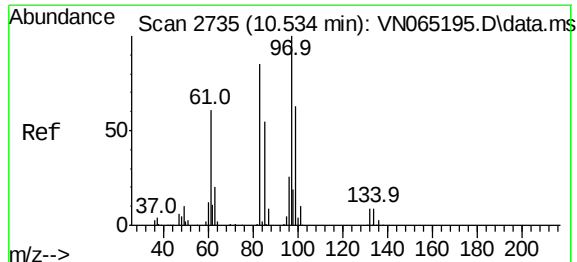
MMDadoda
12/23/2020 12:51:36 PM



#544 (-)
cis-1,3-Dichloropropene
Concen: 18.79 ug/l
RT: 9.807 min Scan# 2509
Delta R.T. 0.000 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56

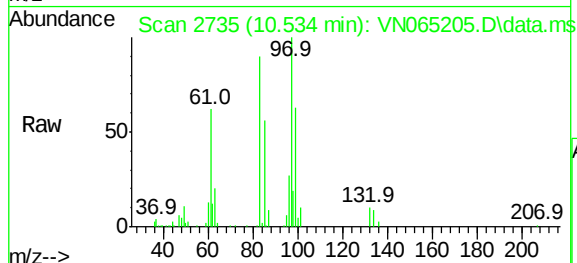
Tgt Ion: 75 Resp: 90120
Ion Ratio Lower Upper
75 100
77 31.5 25.5 38.3
39 54.2 35.6 53.4#





#5520 (-)
1,1,2-Trichloroethane
Concen: 18.96 ug/l
RT: 10.534 min Scan# 2735
Delta R.T. -0.000 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56

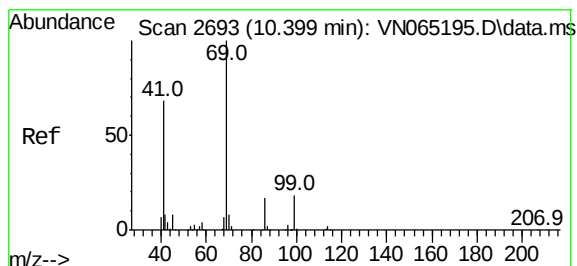
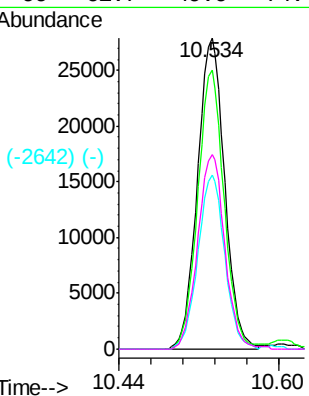
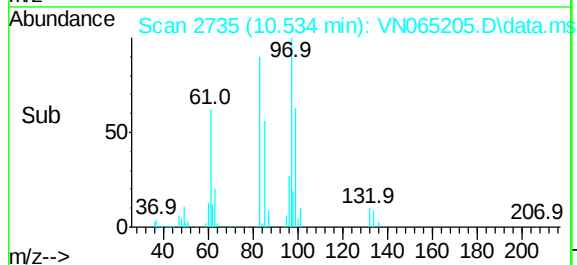
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01



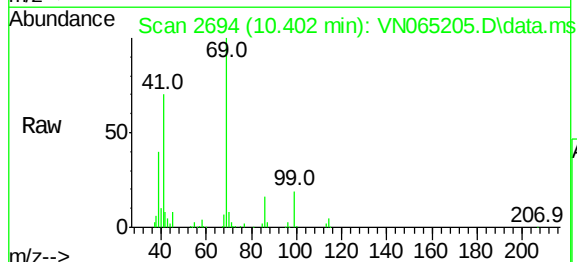
Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.8	72.1	108.1
85	56.1	46.8	70.2
99	62.7	49.6	74.4

Manual Integrations
APPROVED

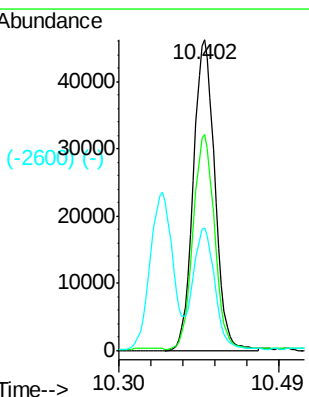
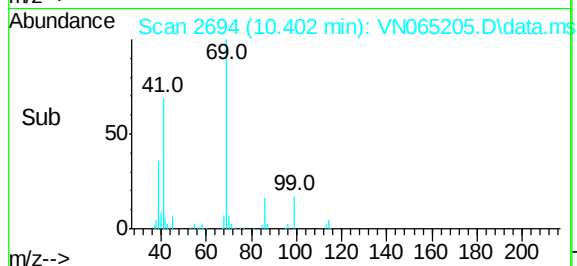
MMDadoda
12/23/2020 12:51:36 PM

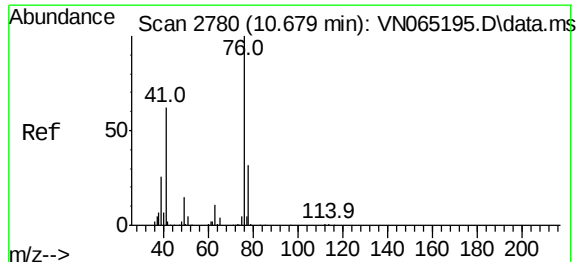


#5679 (-)
Ethyl methacrylate
Concen: 18.94 ug/l
RT: 10.402 min Scan# 2694
Delta R.T. 0.003 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56



Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.4	49.4	74.0
39	38.7	25.9	38.9



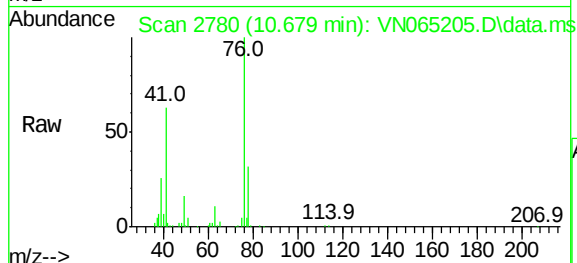


#5765 (-)
1,3-Dichloropropane
Concen: 19.24 ug/l
RT: 10.679 min Scan# 2780
Delta R.T. -0.000 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56

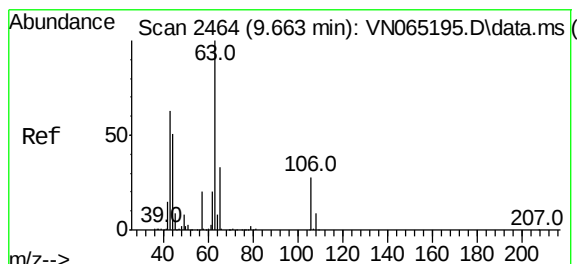
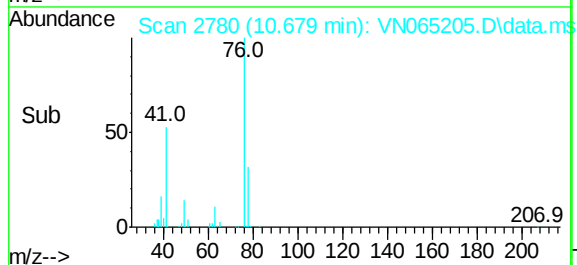
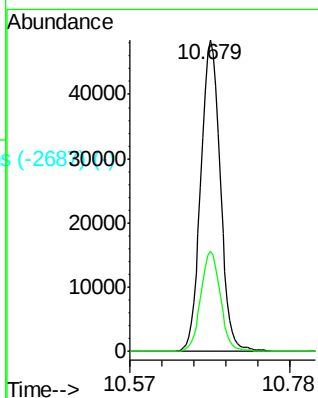
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01

Manual Integrations
APPROVED

MMDadoda
12/23/2020 12:51:36 PM

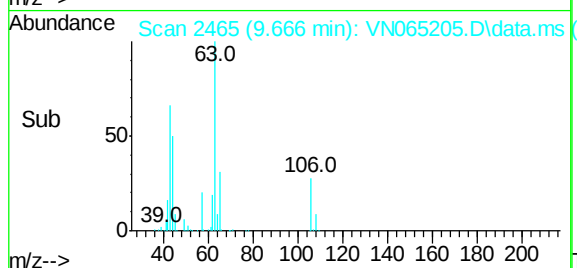
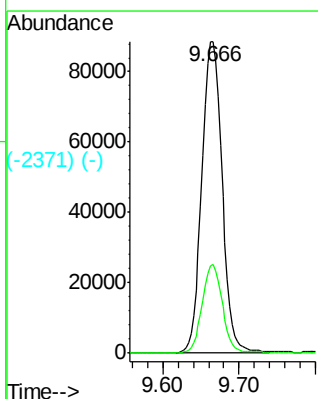
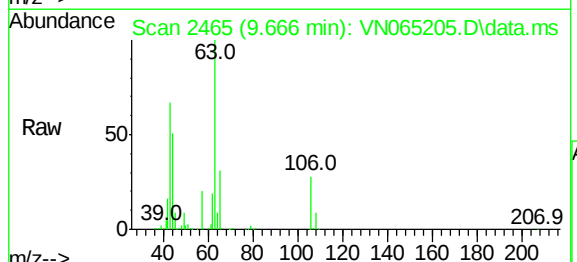


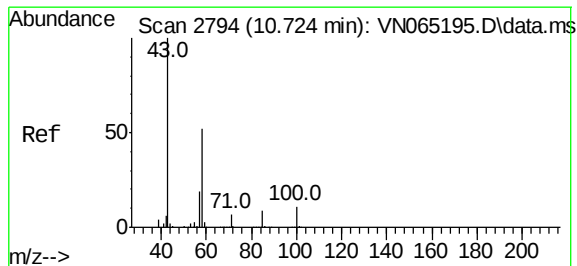
Tgt Ion: 76 Resp: 85157
Ion Ratio Lower Upper
76 100
78 31.9 26.1 39.1



#5766 (-)
2-Chloroethyl Vinyl ether
Concen: 90.17 ug/l
RT: 9.666 min Scan# 2465
Delta R.T. 0.003 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56

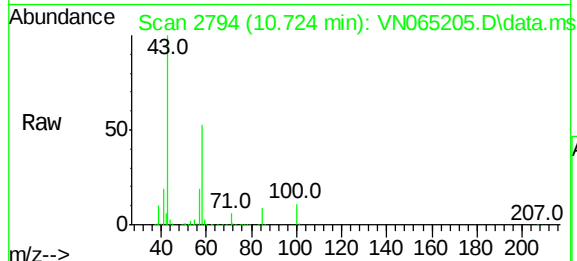
Tgt Ion: 63 Resp: 162954
Ion Ratio Lower Upper
63 100
106 27.9 22.7 34.1





#5977 (-)
2-Hexanone
Concen: 96.02 ug/l
RT: 10.724 min Scan# 2794
Delta R.T. -0.000 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56

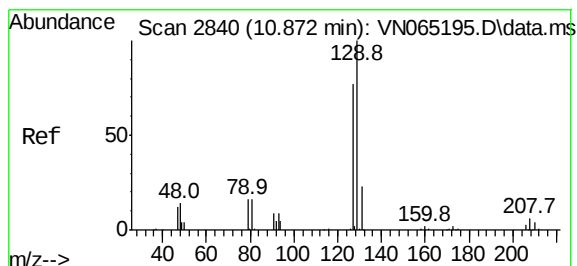
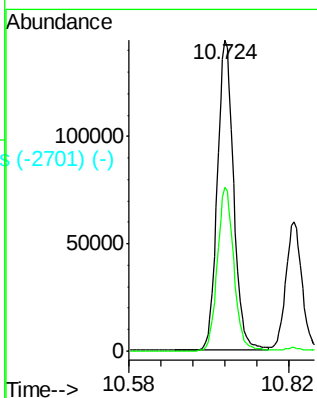
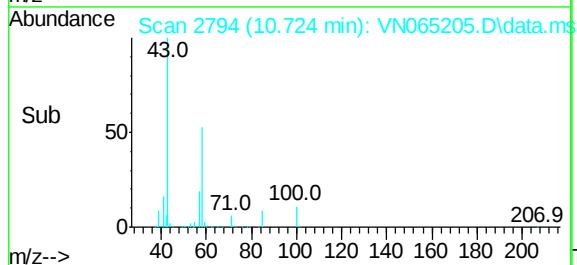
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01



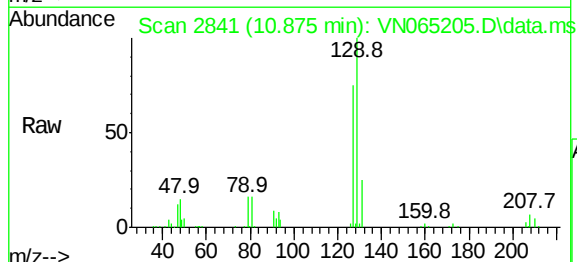
Tgt Ion: 43 Resp: 245141
Ion Ratio Lower Upper
43 100
58 53.2 28.3 84.9

Manual Integrations
APPROVED

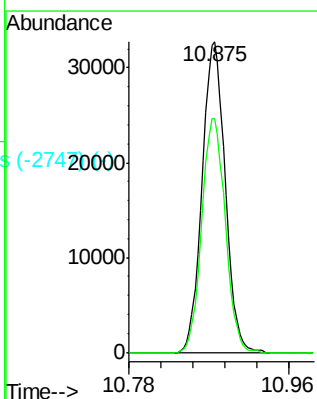
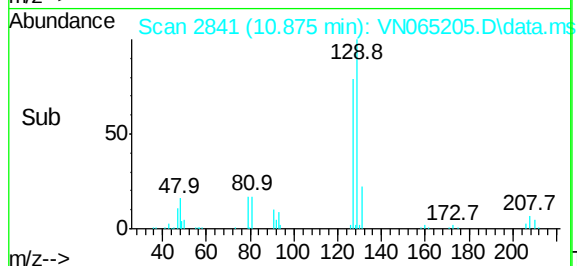
MMDadoda
12/23/2020 12:51:36 PM

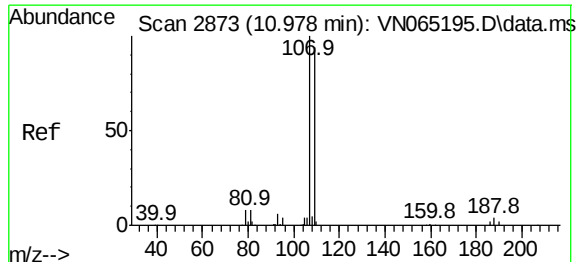


#6026 (-)
Dibromochloromethane
Concen: 18.69 ug/l
RT: 10.875 min Scan# 2841
Delta R.T. 0.003 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56



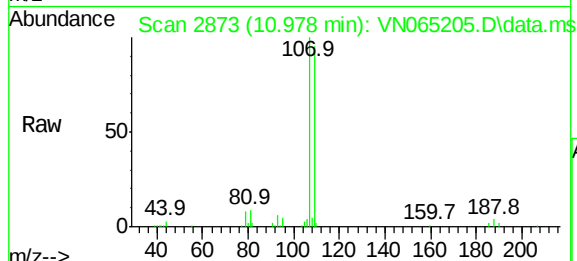
Tgt Ion:129 Resp: 59774
Ion Ratio Lower Upper
129 100
127 77.0 39.1 117.2





#6158 (-)
1,2-Dibromoethane
Concen: 18.78 ug/l
RT: 10.978 min Scan# 2873
Delta R.T. -0.000 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56

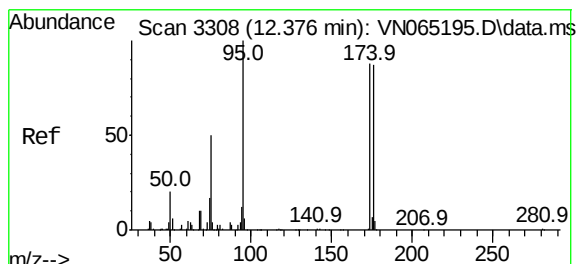
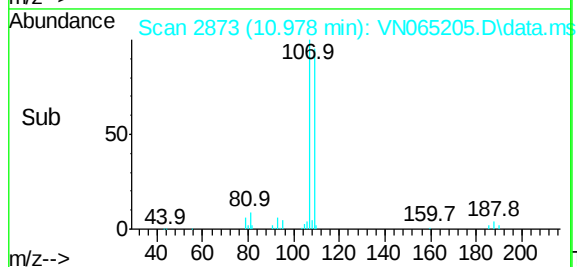
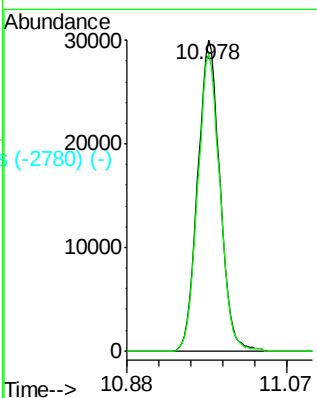
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01



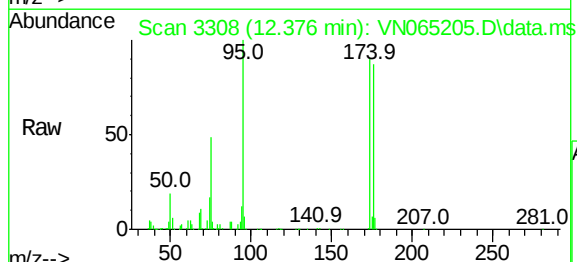
Tgt Ion:107 Resp: 54082
Ion Ratio Lower Upper
107 100
109 95.9 76.0 114.0

Manual Integrations
APPROVED

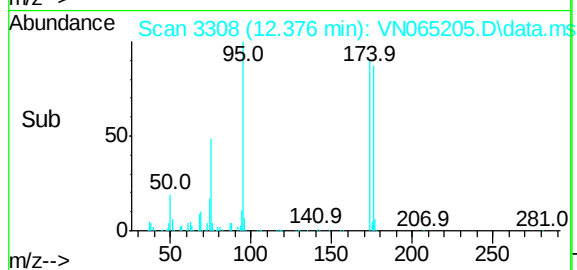
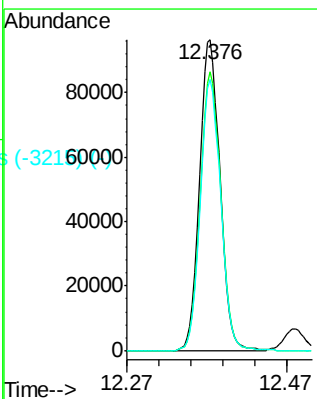
MMDadoda
12/23/2020 12:51:36 PM

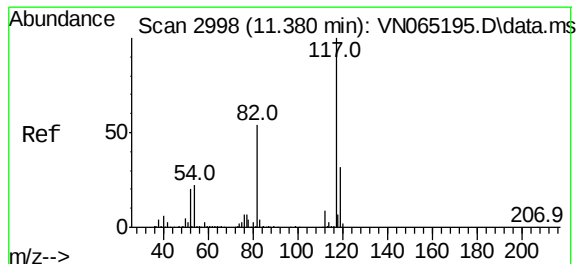


#6294 (-)
4-Bromofluorobenzene
Concen: 46.62 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56



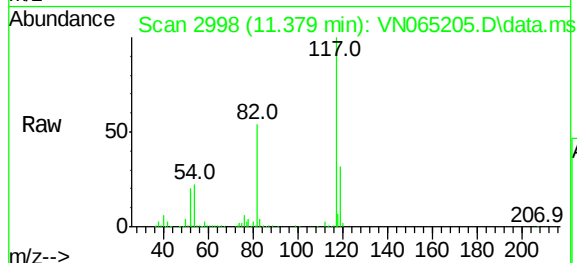
Tgt Ion: 95 Resp: 164426
Ion Ratio Lower Upper
95 100
174 90.0 0.0 160.4
176 87.3 0.0 158.4





#2983 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.379 min Scan# 2998
Delta R.T. -0.001 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56

Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01

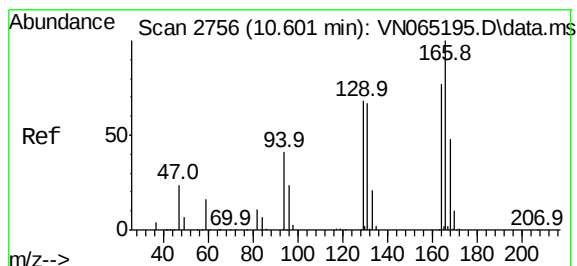
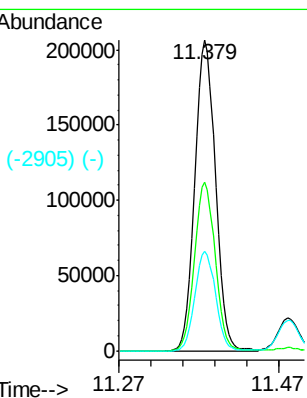
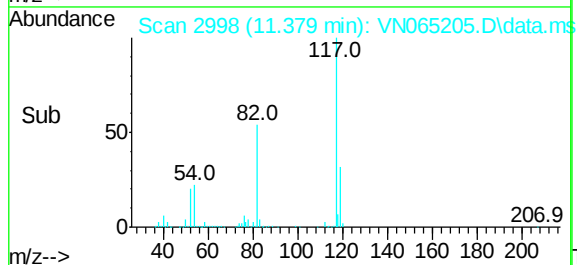


Tgt Ion:117 Resp: 355946

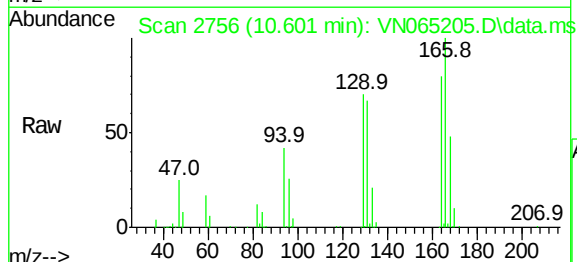
Ion	Ratio	Lower	Upper
117	100		
82	54.3	44.2	66.2
119	32.1	25.8	38.6

Manual Integrations
APPROVED

MMDadoda
12/23/2020 12:51:36 PM

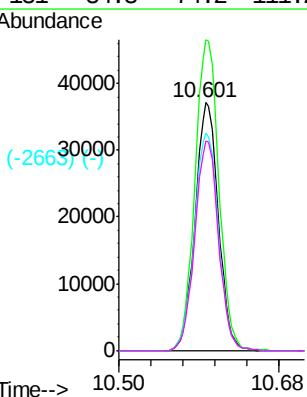
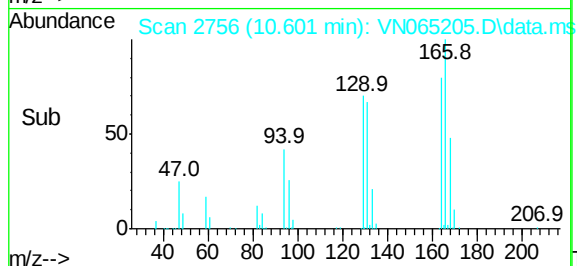


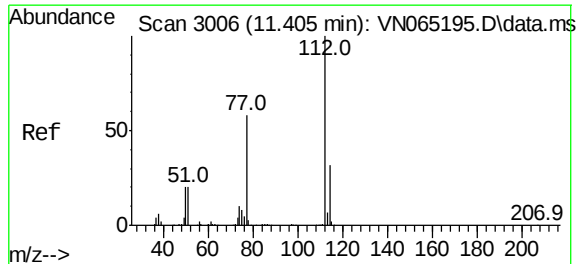
#2742 (-)
Tetrachloroethene
Concen: 18.98 ug/l
RT: 10.601 min Scan# 2756
Delta R.T. 0.000 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56



Tgt Ion:164 Resp: 65598

Ion	Ratio	Lower	Upper
164	100		
166	125.3	101.4	152.0
129	87.7	76.1	114.1
131	84.3	74.2	111.2





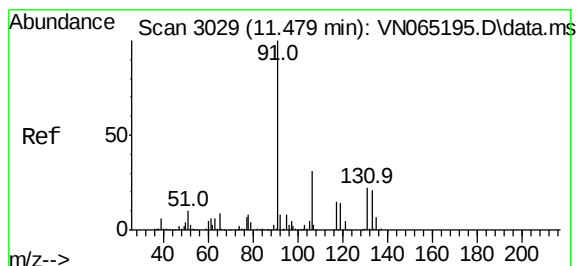
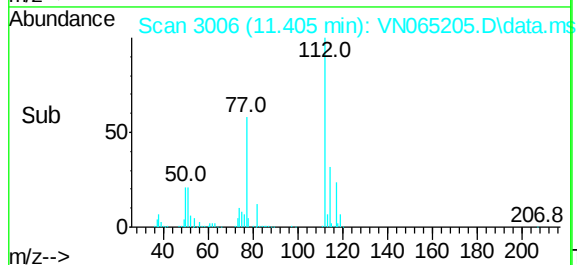
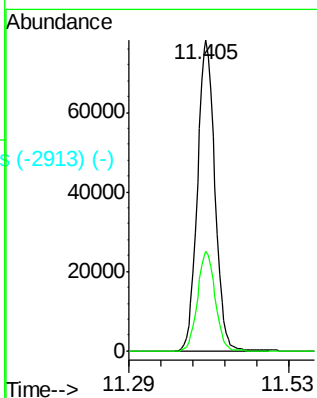
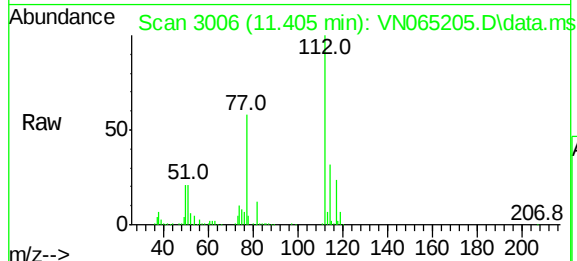
#2991 (-)
Chlorobenzene
Concen: 18.98 ug/l
RT: 11.405 min Scan# 3006
Delta R.T. 0.000 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56

Tgt Ion:112 Resp: 137554
Ion Ratio Lower Upper
112 100
114 31.9 25.1 37.7

Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01

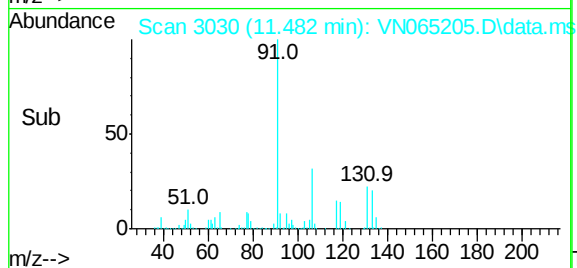
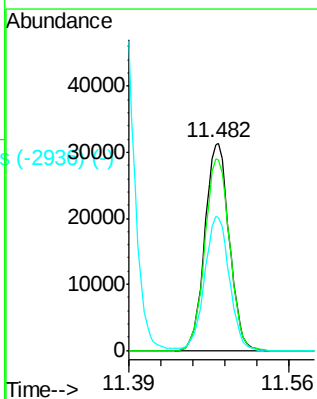
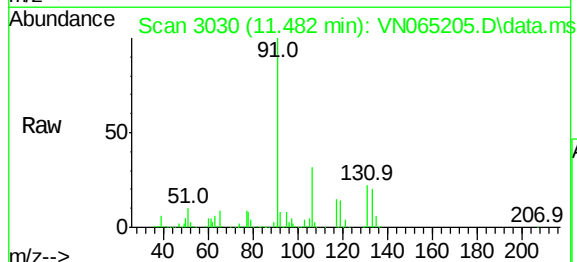
Manual Integrations
APPROVED

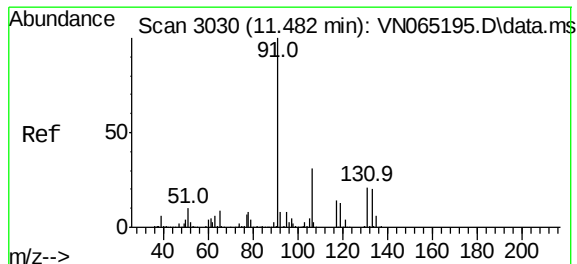
MMDadoda
12/23/2020 12:51:36 PM



#3015 (-)
1,1,1,2-Tetrachloroethane
Concen: 19.44 ug/l
RT: 11.482 min Scan# 3030
Delta R.T. 0.003 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56

Tgt Ion:131 Resp: 54799
Ion Ratio Lower Upper
131 100
133 94.3 47.5 142.5
119 65.4 33.3 99.8





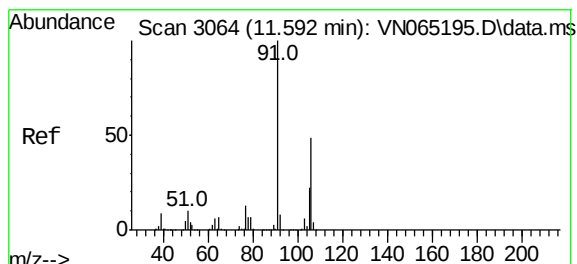
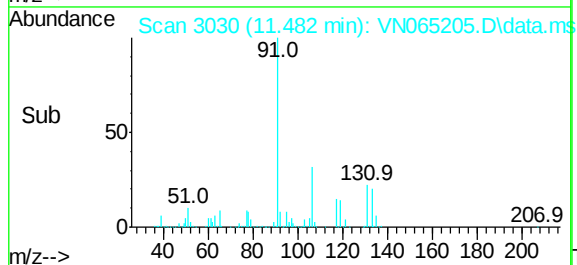
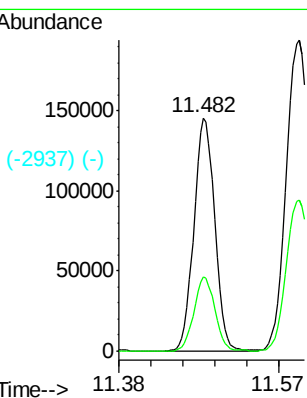
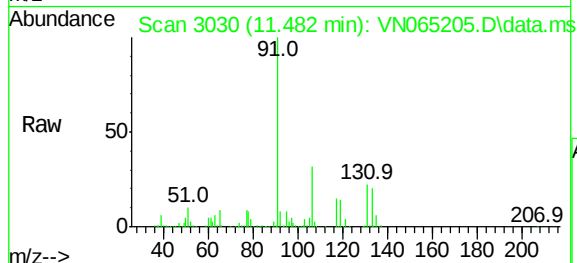
#6715 (-)
Ethyl Benzene
Concen: 18.88 ug/l
RT: 11.482 min Scan# 3030
Delta R.T. 0.000 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56

Tgt Ion:	91	Resp:	246444
Ion Ratio	Lower	Upper	
91	100		
106	31.7	25.2	37.8

Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01

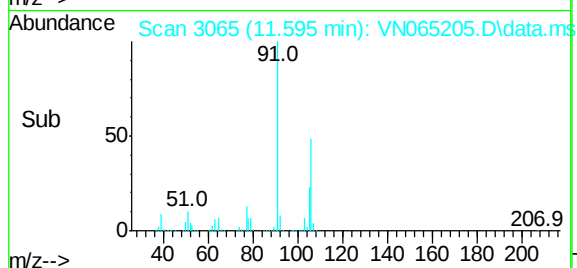
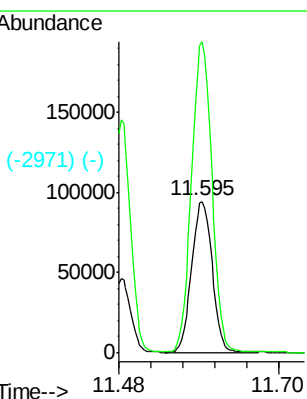
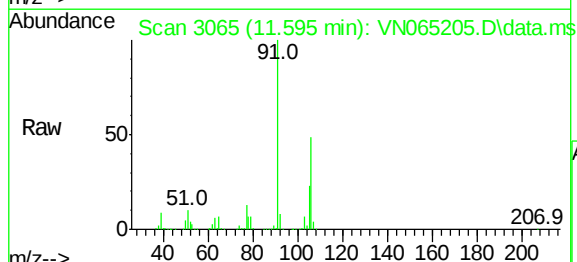
Manual Integrations
APPROVED

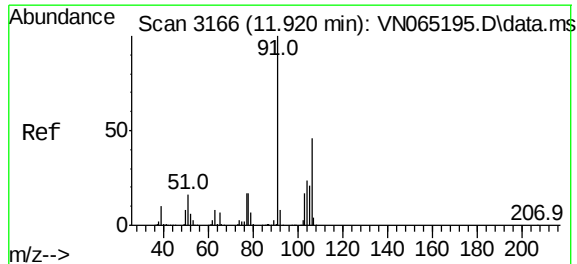
MMDadoda
12/23/2020 12:51:36 PM



#6718 (-)
m/p-Xylenes
Concen: 37.86 ug/l
RT: 11.595 min Scan# 3065
Delta R.T. 0.003 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56

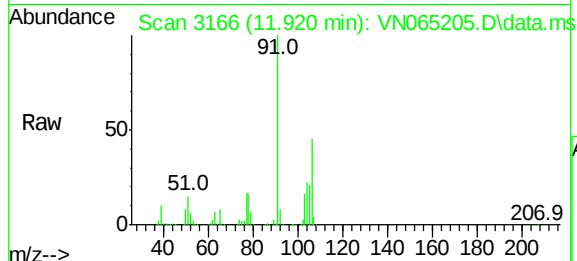
Tgt Ion:	106	Resp:	186229
Ion Ratio	Lower	Upper	
106	100		
91	204.0	161.0	241.4





#6952 (-)
o-Xylene
Concen: 19.00 ug/l
RT: 11.920 min Scan# 3166
Delta R.T. -0.000 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56

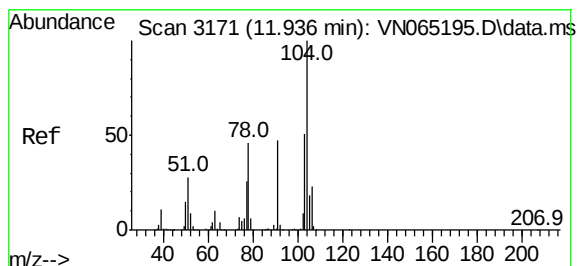
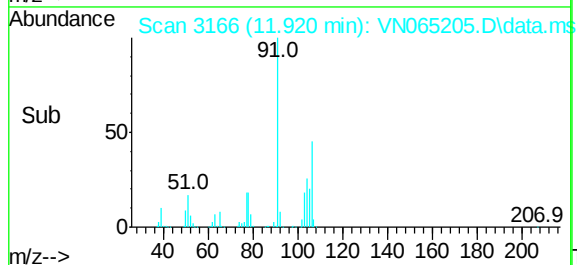
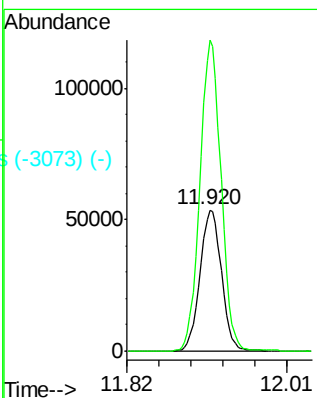
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01



Tgt Ion:106 Resp: 90705
Ion Ratio Lower Upper
106 100
91 217.9 105.5 316.5

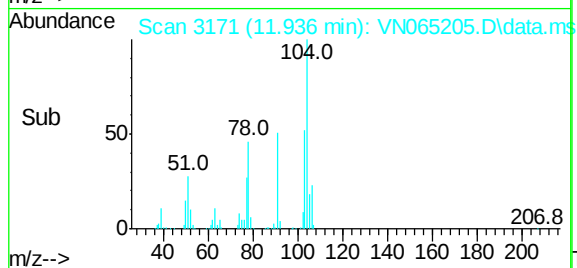
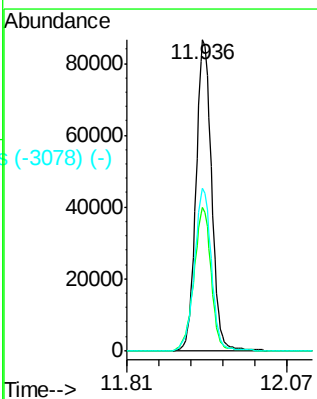
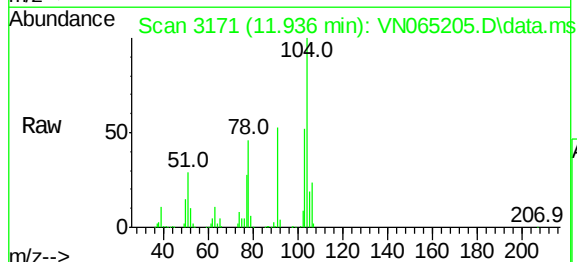
Manual Integrations
APPROVED

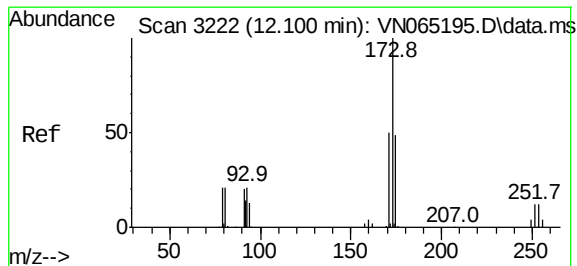
MMDadoda
12/23/2020 12:51:36 PM



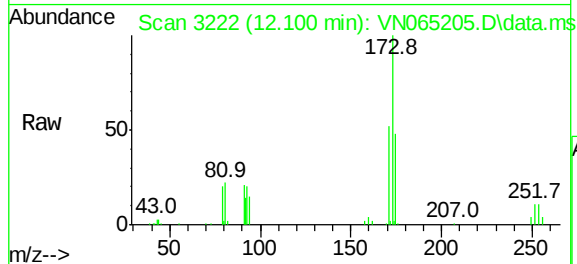
#7155 (-)
Styrene
Concen: 18.87 ug/l
RT: 11.936 min Scan# 3171
Delta R.T. -0.000 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56

Tgt Ion:104 Resp: 150367
Ion Ratio Lower Upper
104 100
78 50.6 39.0 58.6
103 56.5 44.3 66.5

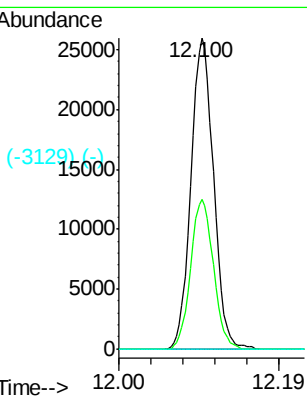
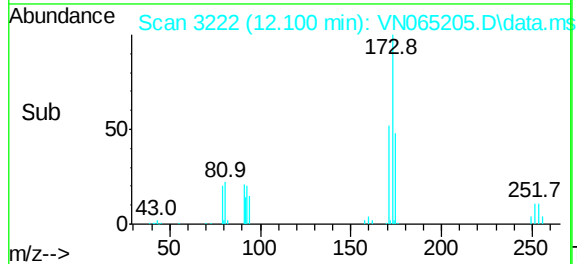




#3108 (-)
Bromoform
Concen: 19.10 ug/l
RT: 12.100 min Scan# 3222
Delta R.T. -0.000 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56



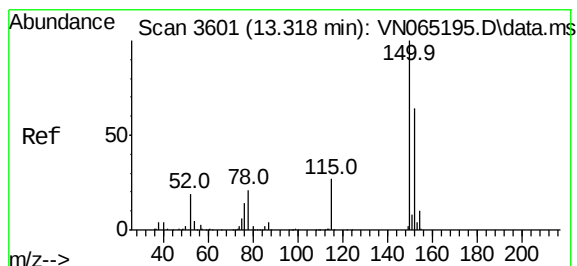
Tgt Ion:	173	Resp:	46349
Ion Ratio	Lower	Upper	
173	100		
175	48.4	24.3	72.8
254	0.0	0.0	0.0



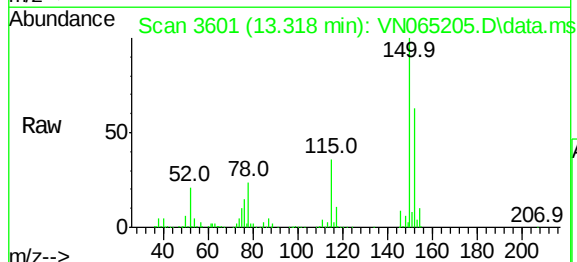
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01

Manual Integrations
APPROVED

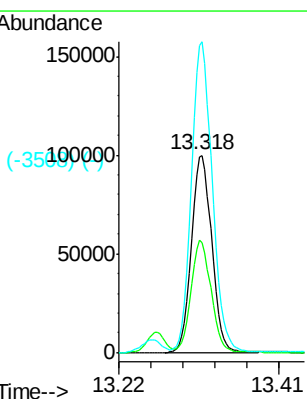
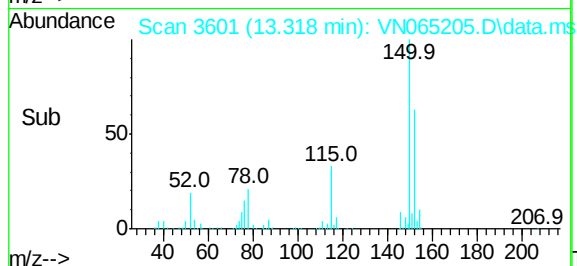
MMDadoda
12/23/2020 12:51:36 PM

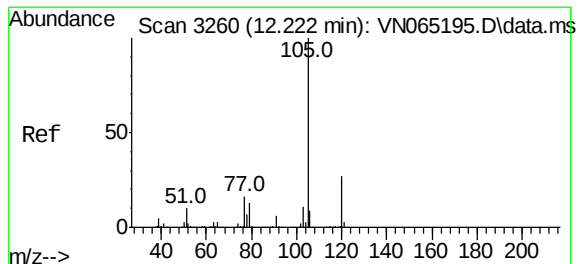


#3187 (-)
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56



Tgt Ion:	152	Resp:	169967
Ion Ratio	Lower	Upper	
152	100		
115	56.4	29.7	89.1
150	161.7	0.0	350.6





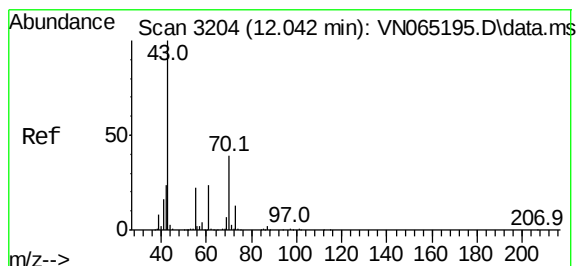
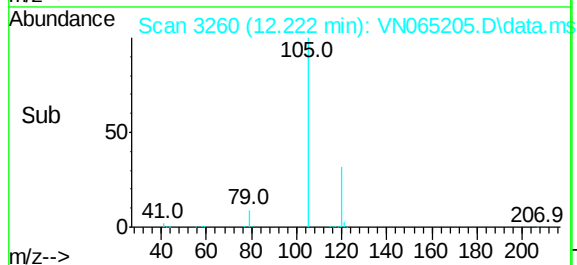
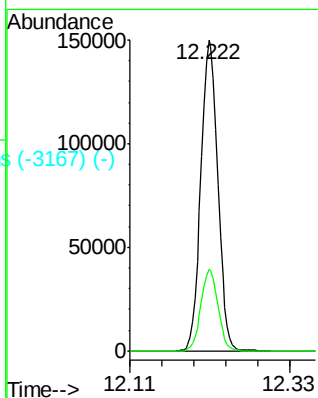
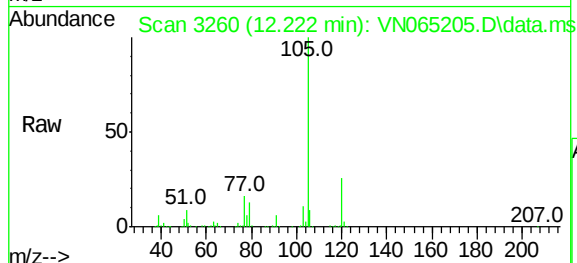
#3245 (-)
Isopropylbenzene
Concen: 18.89 ug/l
RT: 12.222 min Scan# 3260
Delta R.T. -0.000 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56

Tgt Ion:	105	Resp:	244481
Ion Ratio	Lower	Upper	
105	100		
120	26.2	13.3	39.9

Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01

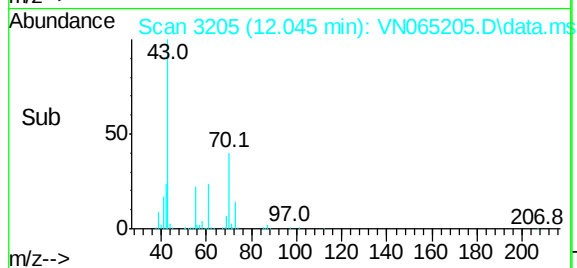
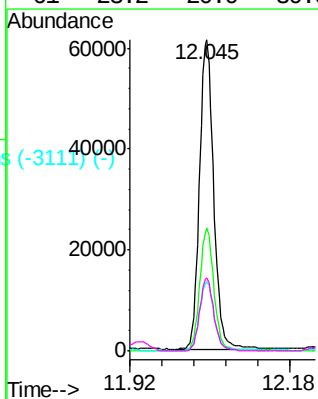
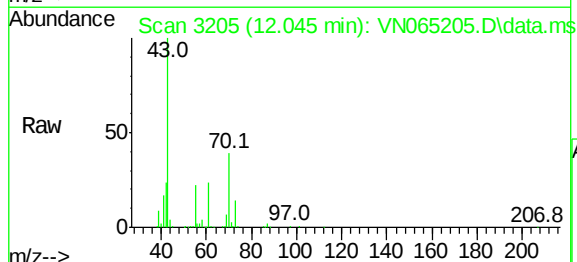
Manual Integrations
APPROVED

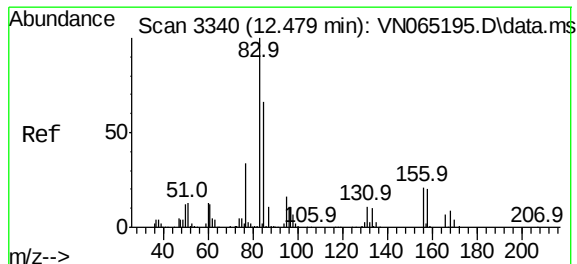
MMDadoda
12/23/2020 12:51:36 PM



#3190 (-)
N-ethyl acetate
Concen: 19.35 ug/l
RT: 12.045 min Scan# 3205
Delta R.T. 0.003 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56

Tgt Ion:	43	Resp:	99734
Ion Ratio	Lower	Upper	
43	100		
70	39.0	34.5	51.7
55	22.8	20.4	30.6
61	23.2	20.0	30.0



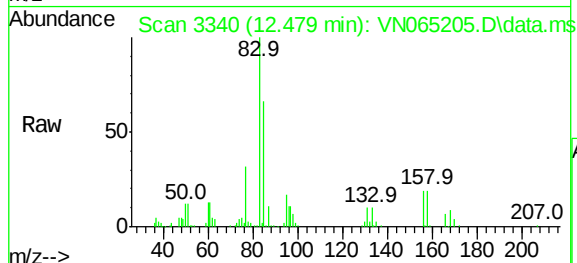


#3325 (-)
 1,1,2,2-Tetrachloroethane
 Concen: 19.06 ug/l
 RT: 12.479 min Scan# 3340
 Delta R.T. 0.000 min
 Lab File: VN065205.D
 Acq: 22 Dec 2020 18:56

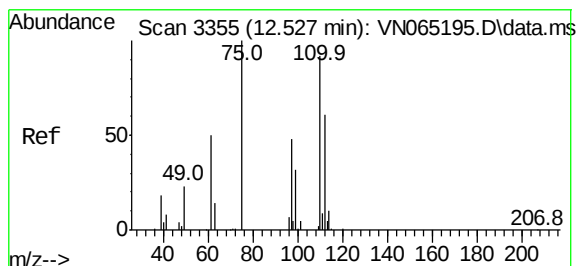
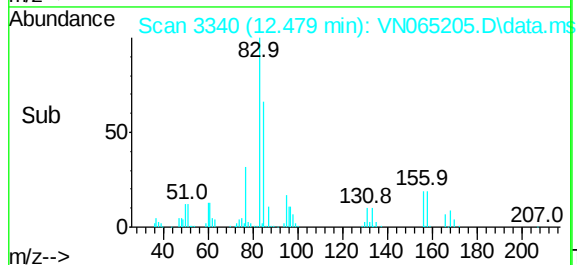
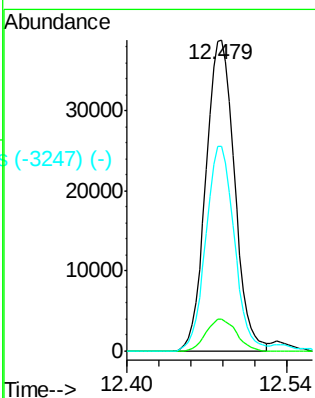
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1222WBSD01

Manual Integrations
 APPROVED

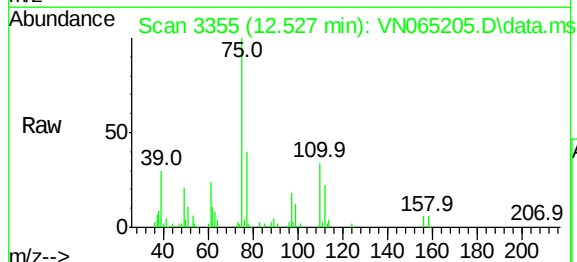
MMDadoda
 12/23/2020 12:51:36 PM



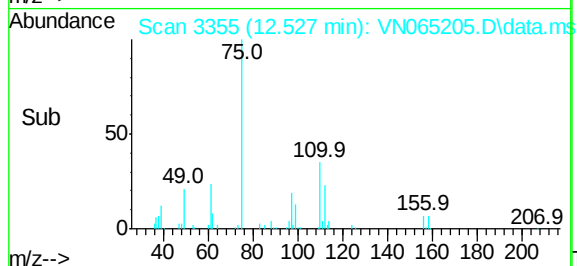
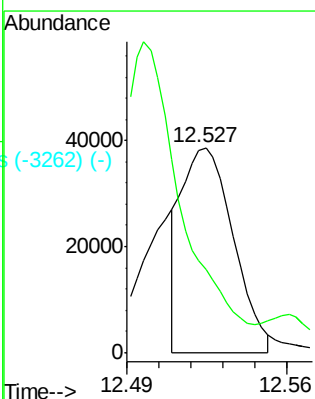
Tgt Ion:	83	Resp:	66525
Ion	Ratio	Lower	Upper
83	100		
131	10.7	5.1	15.3
85	65.2	33.0	99.0

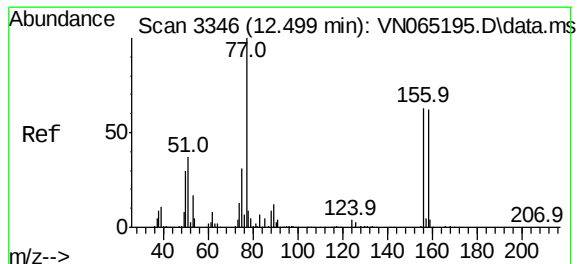


#3349 (-)
 1,2,3-Trichloropropane
 Concen: 18.67 ug/l m
 RT: 12.527 min Scan# 3355
 Delta R.T. 0.000 min
 Lab File: VN065205.D
 Acq: 22 Dec 2020 18:56



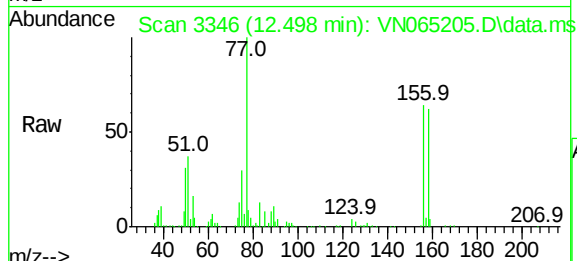
Tgt Ion:	75	Resp:	64739
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#332 (-)
Bromobenzene
Concen: 19.08 ug/l
RT: 12.498 min Scan# 3346
Delta R.T. -0.001 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56

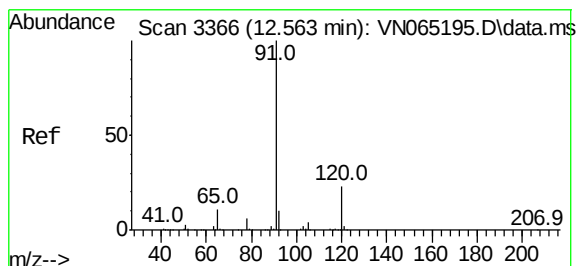
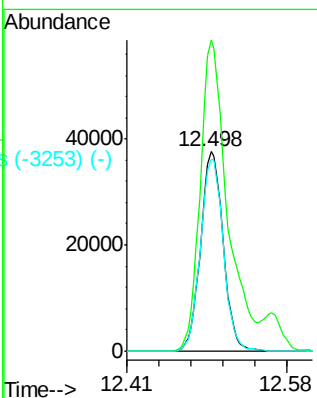
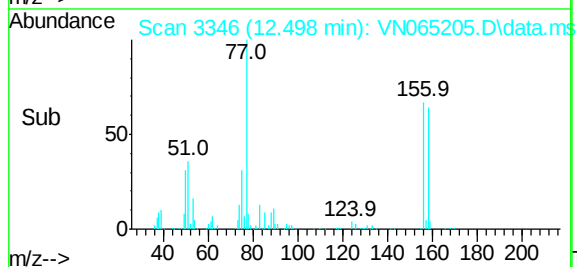
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01



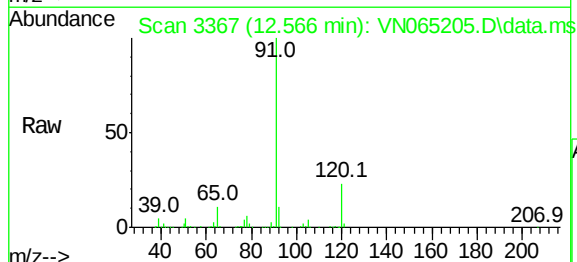
Tgt Ion:156 Resp: 64544
Ion Ratio Lower Upper
156 100
77 188.9 101.3 303.7
158 98.2 48.2 144.6

Manual Integrations
APPROVED

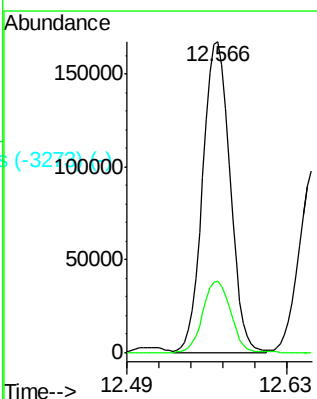
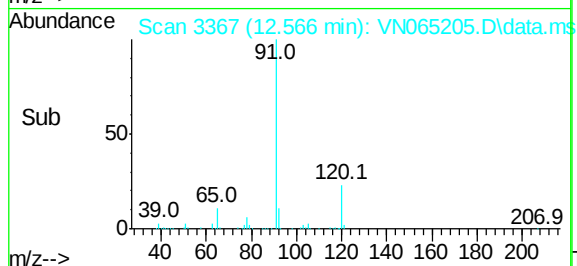
MMDadoda
12/23/2020 12:51:36 PM

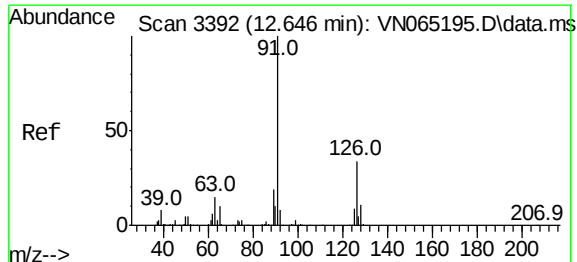


#335 (-)
n-propylbenzene
Concen: 18.71 ug/l
RT: 12.566 min Scan# 3367
Delta R.T. 0.003 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56



Tgt Ion: 91 Resp: 273407
Ion Ratio Lower Upper
91 100
120 23.4 11.6 34.7



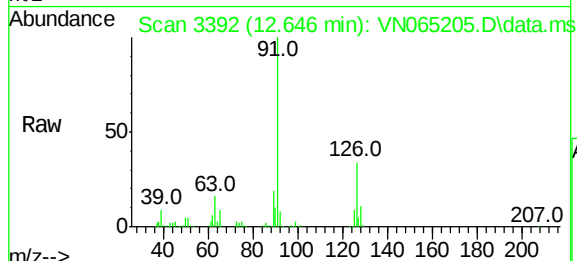


#3390 (-)
2-Chlorotoluene
Concen: 18.99 ug/l
RT: 12.646 min Scan# 3392
Delta R.T. 0.000 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56

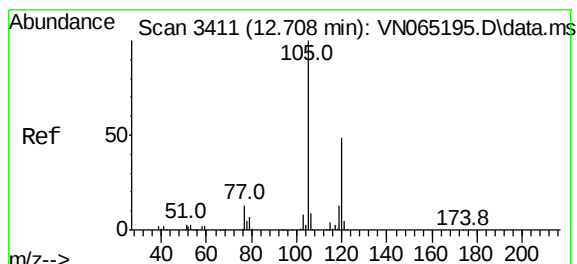
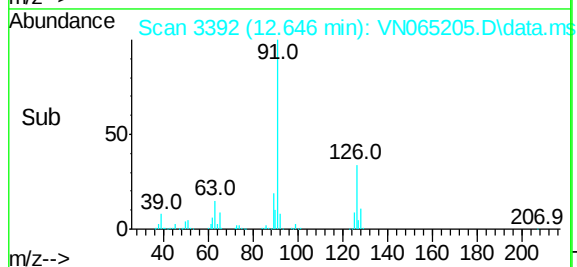
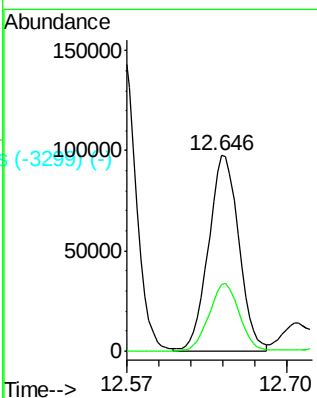
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01

Manual Integrations
APPROVED

MMDadoda
12/23/2020 12:51:36 PM

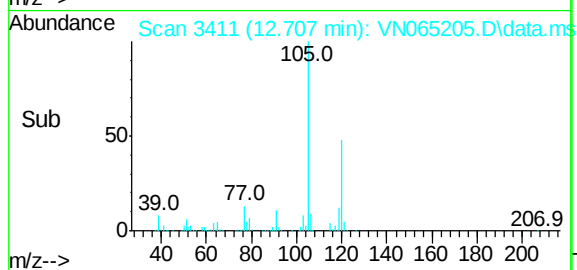
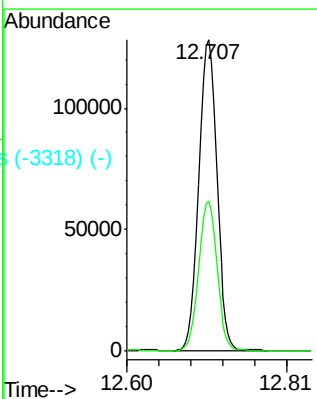
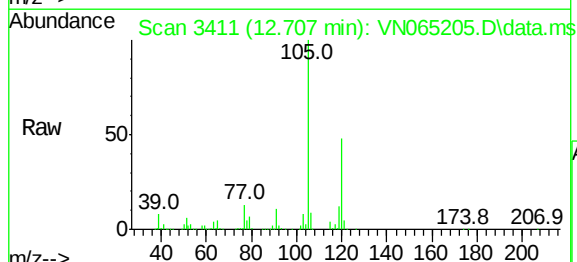


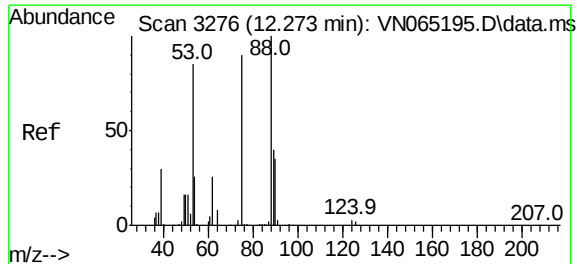
Tgt Ion: 91 Resp: 163422
Ion Ratio Lower Upper
91 100
126 34.6 17.2 51.6



#3394 (-)
1,3,5-Trimethylbenzene
Concen: 18.76 ug/l
RT: 12.707 min Scan# 3411
Delta R.T. -0.001 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56

Tgt Ion:105 Resp: 207102
Ion Ratio Lower Upper
105 100
120 48.2 24.6 73.6





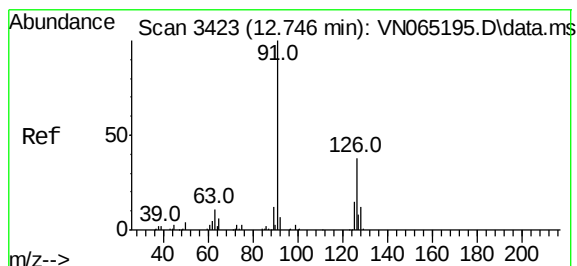
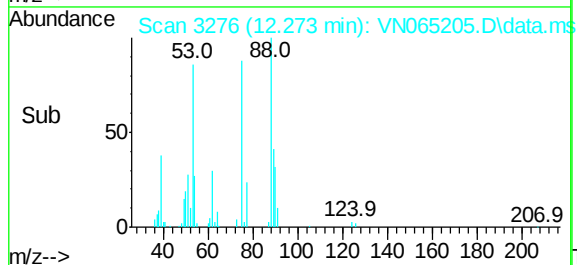
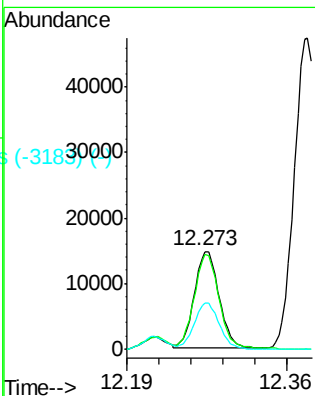
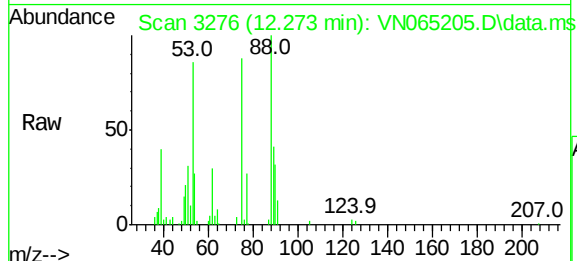
#8266 (-)
trans-1,4-Dichloro-2-butene
Concen: 18.30 ug/l
RT: 12.273 min Scan# 3276
Delta R.T. 0.000 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56

Tgt Ion: 75 Resp: 25163
Ion Ratio Lower Upper
75 100
53 100.1 67.0 100.4
89 48.2 39.6 59.4

Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01

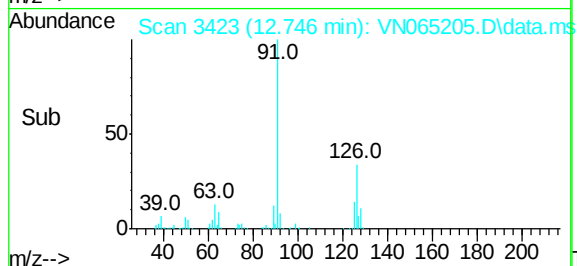
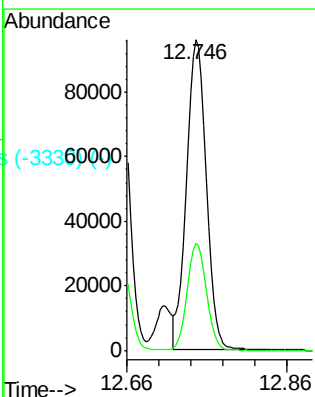
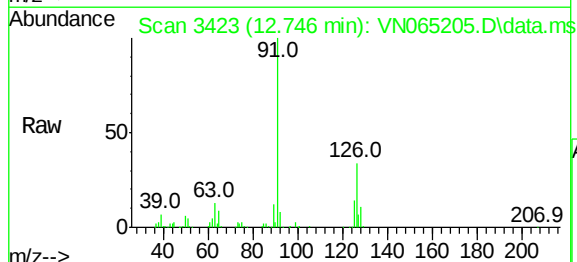
Manual Integrations
APPROVED

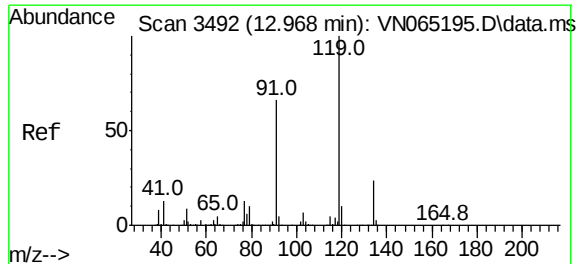
MMDadoda
12/23/2020 12:51:36 PM



#8214 (-)
4-Chlorotoluene
Concen: 18.80 ug/l
RT: 12.746 min Scan# 3423
Delta R.T. -0.000 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56

Tgt Ion: 91 Resp: 166633
Ion Ratio Lower Upper
91 100
126 33.8 16.9 50.7





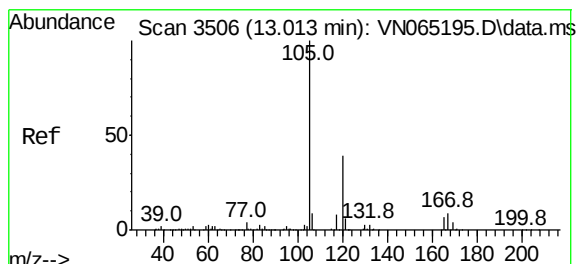
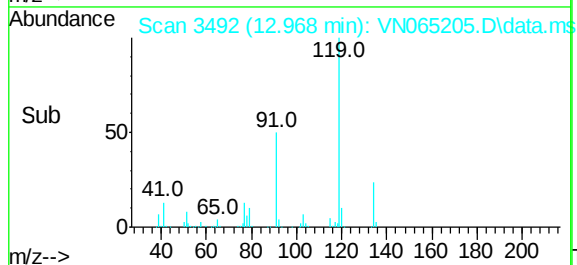
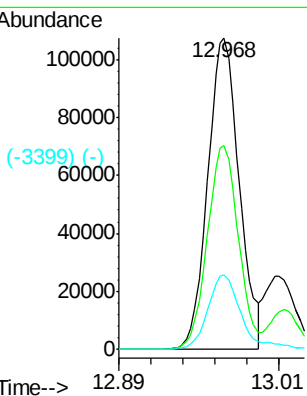
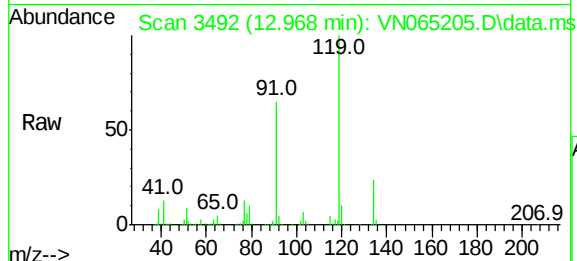
#8377 (-)
tert-Butylbenzene
Concen: 19.01 ug/l
RT: 12.968 min Scan# 3492
Delta R.T. -0.000 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56

Tgt Ion:	119	Resp:	178743
Ion Ratio	Lower	Upper	
119	100		
91	65.1	32.3	96.8
134	24.8	12.6	37.6

Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01

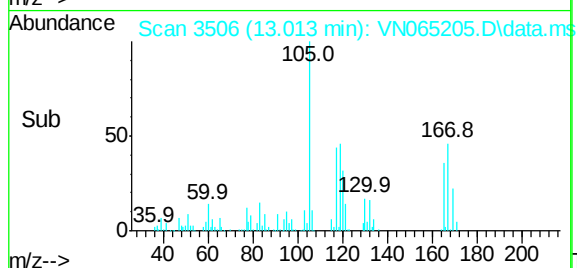
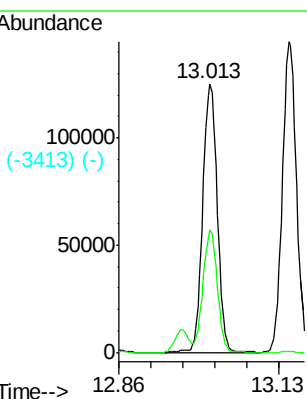
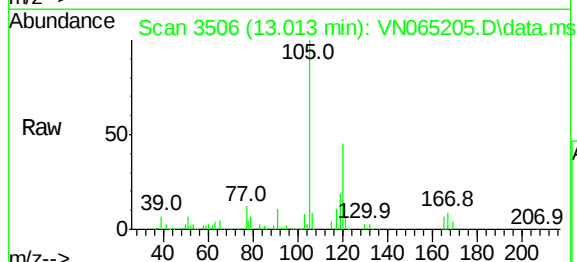
Manual Integrations
APPROVED

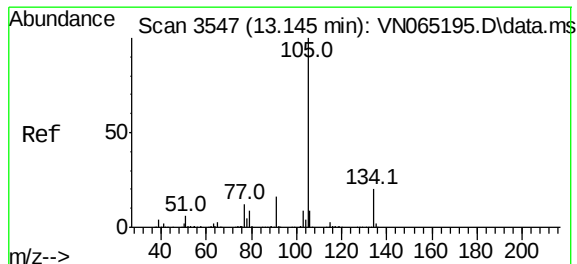
MMDadoda
12/23/2020 12:51:36 PM



#8494 (-)
1,2,4-Trimethylbenzene
Concen: 19.05 ug/l
RT: 13.013 min Scan# 3506
Delta R.T. -0.000 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56

Tgt Ion:	105	Resp:	204707
Ion Ratio	Lower	Upper	
105	100		
120	45.3	23.1	69.2





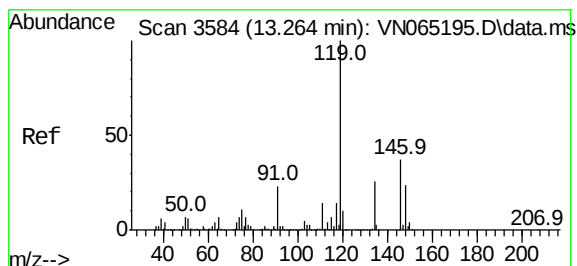
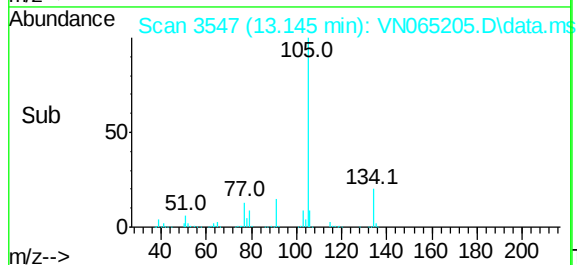
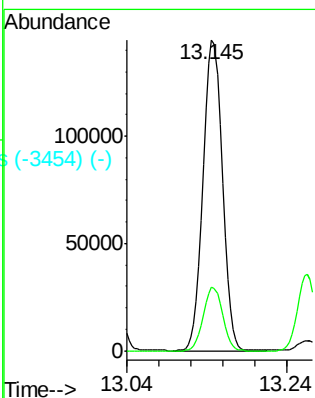
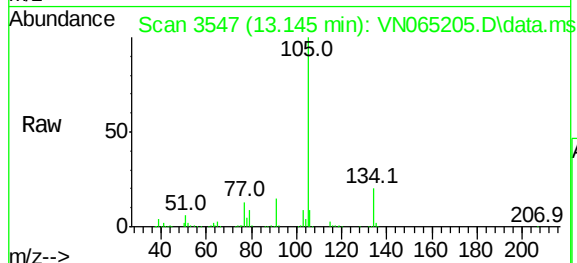
#8532 (-)
 sec-Butylbenzene
 Concen: 18.70 ug/l
 RT: 13.145 min Scan# 3547
 Delta R.T. -0.000 min
 Lab File: VN065205.D
 Acq: 22 Dec 2020 18:56

Tgt Ion:	105	Resp:	233324
Ion Ratio	Lower	Upper	
105	100		
134	20.3	10.1	30.1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1222WBSD01

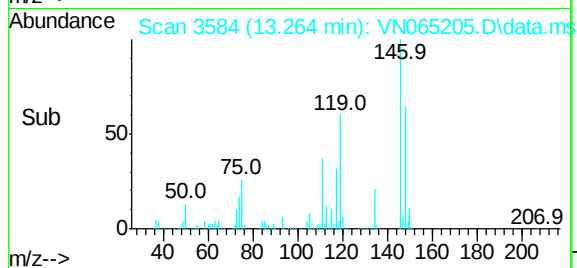
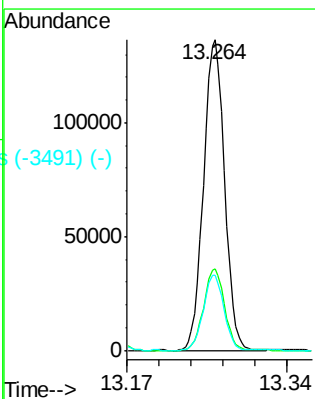
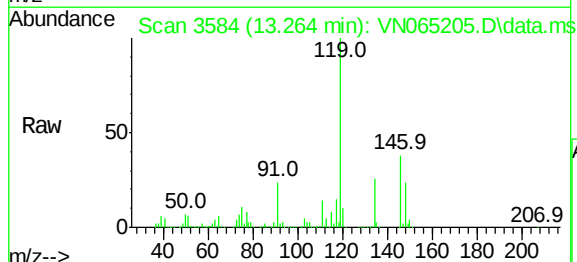
Manual Integrations
 APPROVED

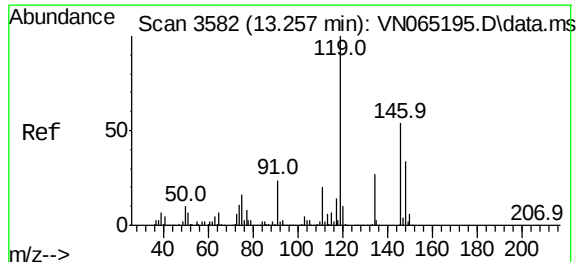
MMDadoda
 12/23/2020 12:51:36 PM



#8570 (-)
 p-Isopropyltoluene
 Concen: 18.71 ug/l
 RT: 13.264 min Scan# 3584
 Delta R.T. -0.000 min
 Lab File: VN065205.D
 Acq: 22 Dec 2020 18:56

Tgt Ion:	119	Resp:	214048
Ion Ratio	Lower	Upper	
119	100		
134	26.2	13.1	39.1
91	23.9	11.5	34.5





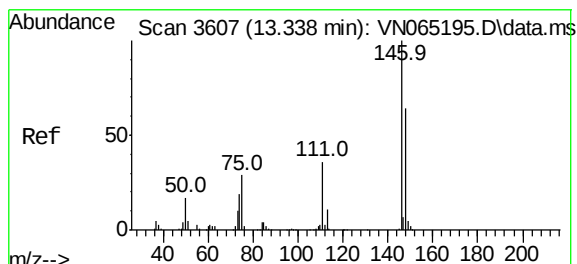
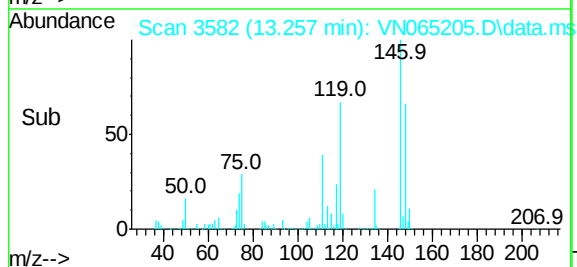
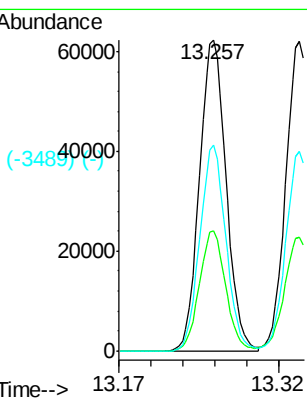
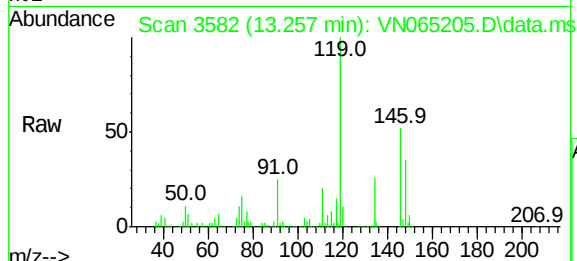
#87 (-)
1,3-Dichlorobenzene
Concen: 18.95 ug/l
RT: 13.257 min Scan# 3582
Delta R.T. 0.000 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56

Tgt Ion:	146	Resp:	107230
Ion Ratio	Lower	Upper	
146	100		
111	38.0	20.6	61.9
148	64.5	31.9	95.5

Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01

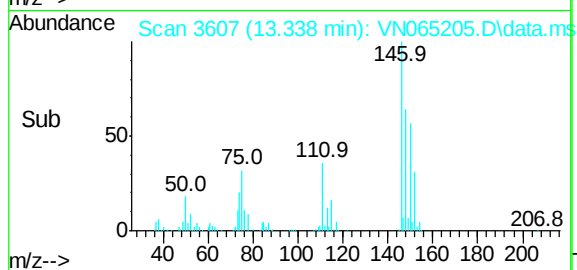
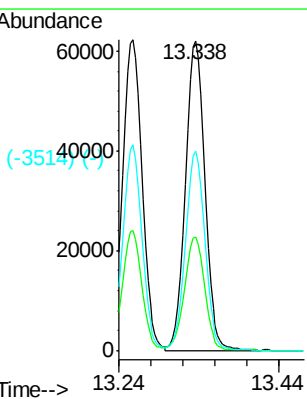
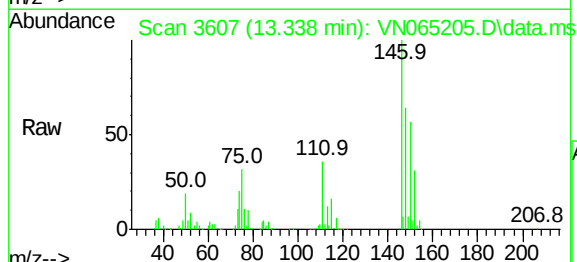
Manual Integrations
APPROVED

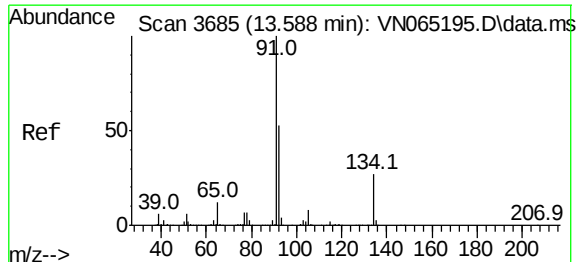
MMDadoda
12/23/2020 12:51:36 PM



#89 (-)
1,4-Dichlorobenzene
Concen: 18.69 ug/l
RT: 13.338 min Scan# 3607
Delta R.T. -0.000 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56

Tgt Ion:	146	Resp:	106156
Ion Ratio	Lower	Upper	
146	100		
111	37.7	19.8	59.3
148	63.8	31.9	95.5





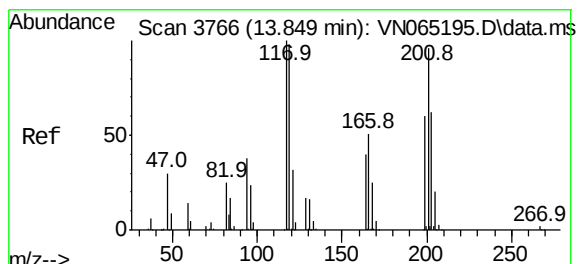
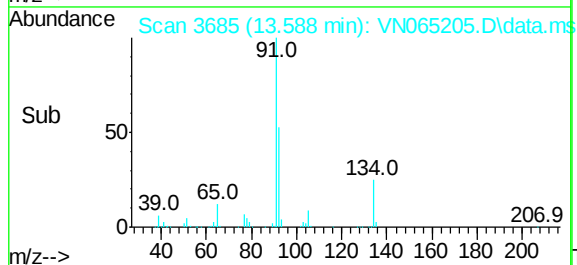
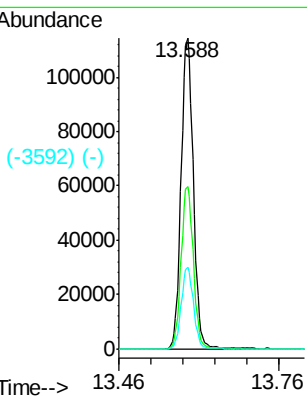
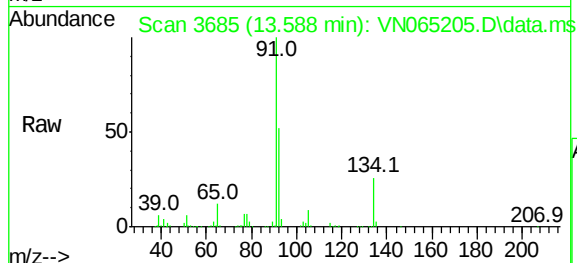
#9071 (-)
n-Butylbenzene
Concen: 18.75 ug/l
RT: 13.588 min Scan# 3685
Delta R.T. 0.000 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56

Tgt Ion:	91	Resp:	183342
Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.0	78.0
134	26.1	12.9	38.6

Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01

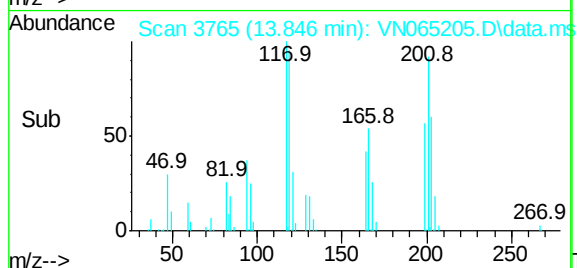
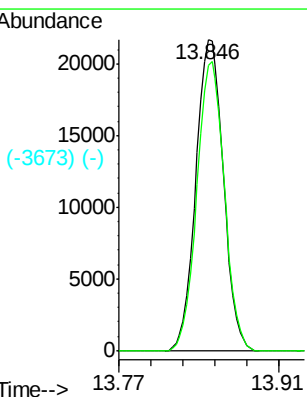
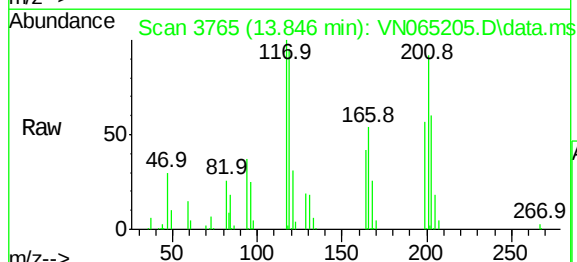
Manual Integrations
APPROVED

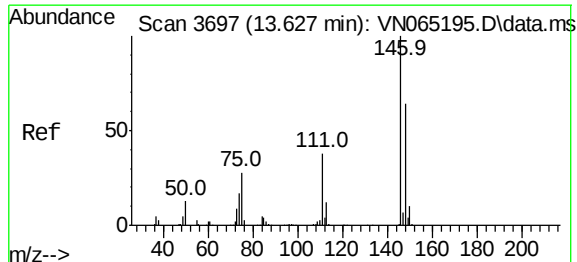
MMDadoda
12/23/2020 12:51:36 PM



#9052 (-)
Hexachloroethane
Concen: 18.92 ug/l
RT: 13.846 min Scan# 3765
Delta R.T. -0.003 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56

Tgt Ion:	117	Resp:	37211
Ion	Ratio	Lower	Upper
117	100		
201	92.9	40.1	120.3



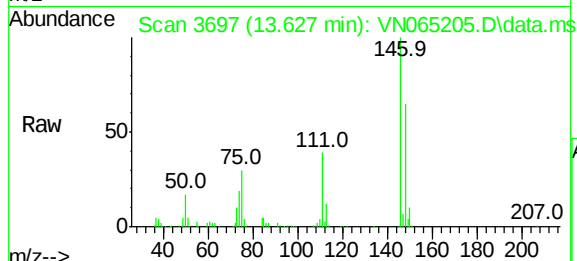


#982 (-)
1,2-Dichlorobenzene
Concen: 19.31 ug/l
RT: 13.627 min Scan# 3697
Delta R.T. -0.000 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56

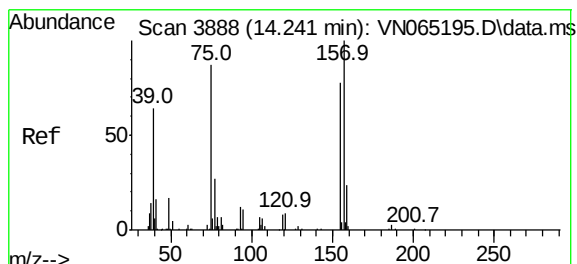
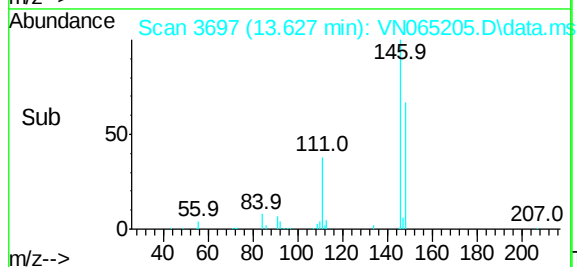
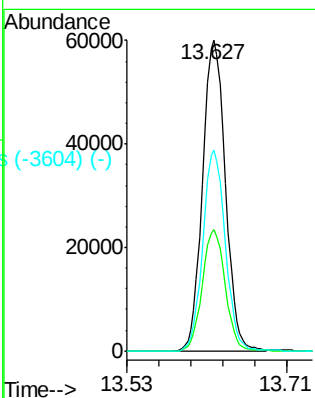
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01

Manual Integrations
APPROVED

MMDadoda
12/23/2020 12:51:36 PM

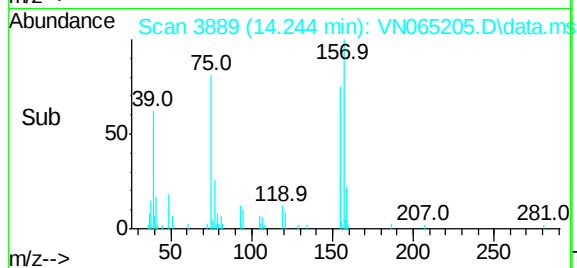
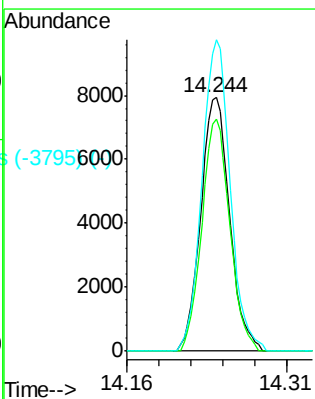
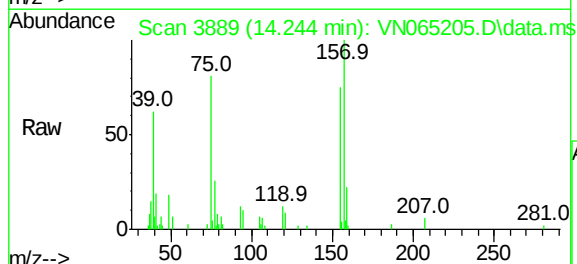


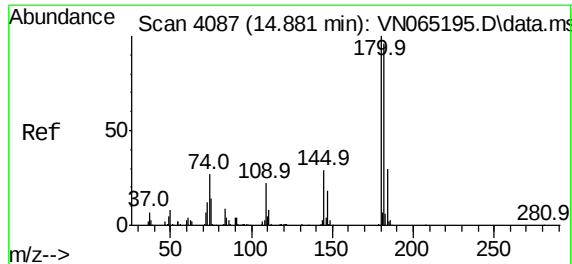
Tgt Ion:146 Resp: 104930
Ion Ratio Lower Upper
146 100
111 39.2 21.1 63.1
148 63.6 32.0 96.2



#9876 (-)
1,2-Dibromo-3-Chloropropane
Concen: 19.85 ug/l
RT: 14.244 min Scan# 3889
Delta R.T. 0.003 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56

Tgt Ion: 75 Resp: 14274
Ion Ratio Lower Upper
75 100
155 88.5 42.8 128.3
157 119.8 56.4 169.1





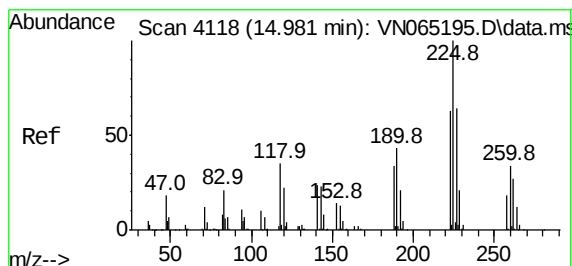
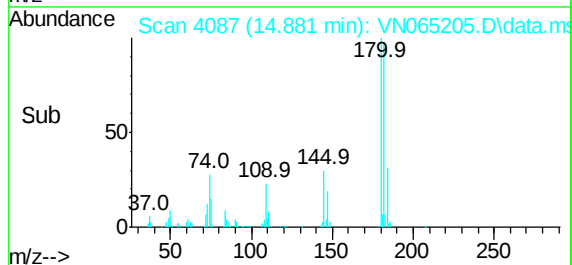
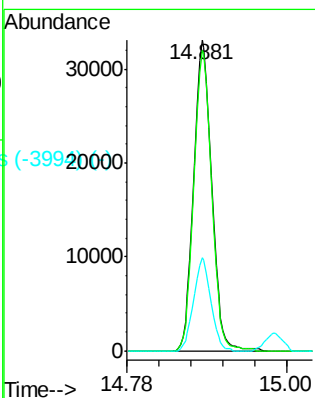
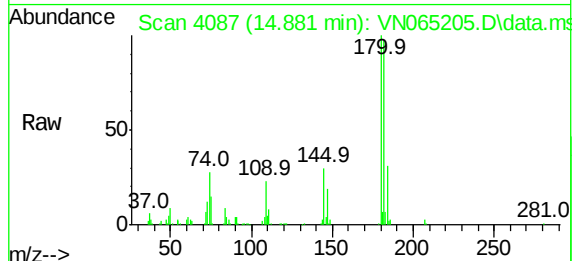
#2973 (-)
1,2,4-Trichlorobenzene
Concen: 18.52 ug/l
RT: 14.881 min Scan# 4087
Delta R.T. -0.000 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56

Tgt Ion:	180	Resp:	55973
Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.6	142.9
145	28.6	15.3	45.8

Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01

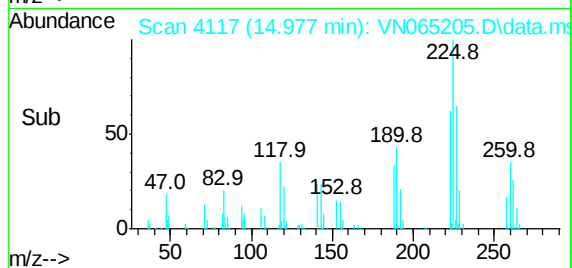
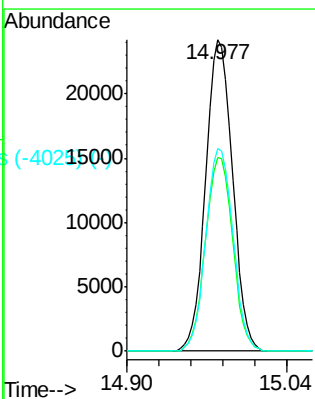
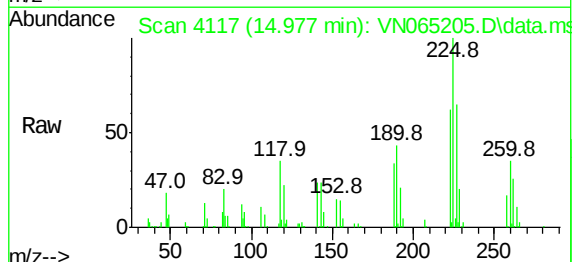
Manual Integrations
APPROVED

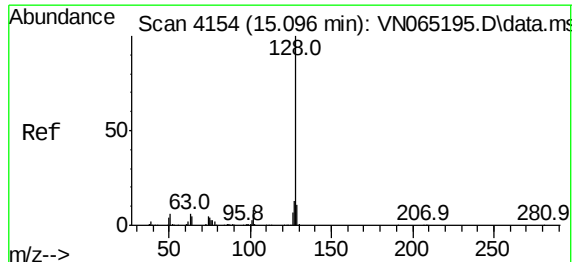
MMDadoda
12/23/2020 12:51:36 PM



#2914 (-)
Hexachlorobutadiene
Concen: 18.10 ug/l
RT: 14.977 min Scan# 4117
Delta R.T. -0.004 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56

Tgt Ion:	225	Resp:	38818
Ion	Ratio	Lower	Upper
225	100		
223	62.9	31.0	93.0
227	65.5	32.0	96.0



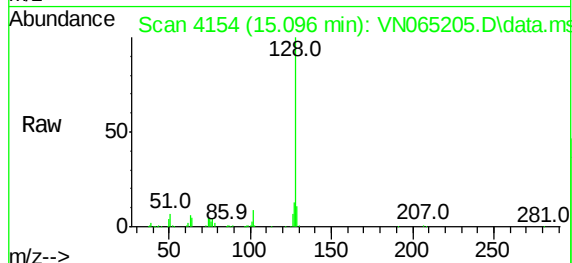


#4139 (-)
Naphthalene
Concen: 19.05 ug/l
RT: 15.096 min Scan# 4154
Delta R.T. 0.000 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56

Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01

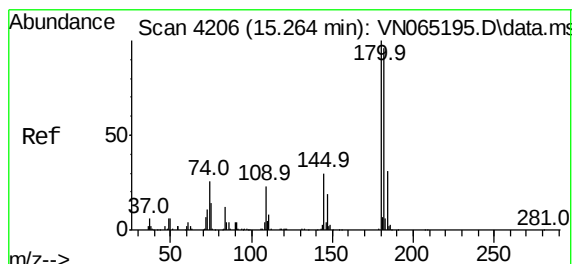
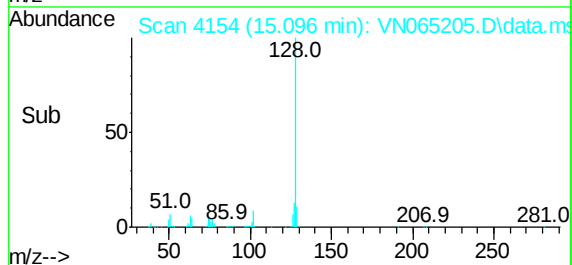
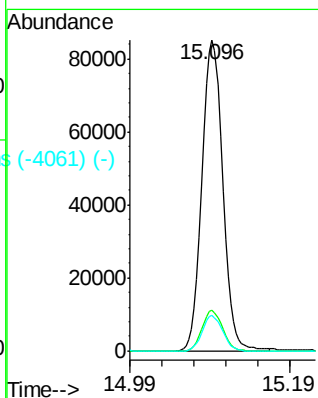
Manual Integrations
APPROVED

MMDadoda
12/23/2020 12:51:36 PM

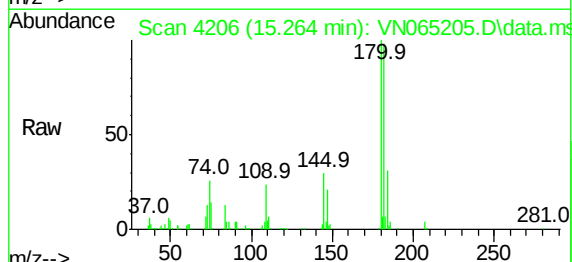


Tgt Ion:128 Resp: 148080

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.3	15.5
129	10.9	8.7	13.1



#4112 (-)
1,2,3-Trichlorobenzene
Concen: 19.08 ug/l
RT: 15.264 min Scan# 4206
Delta R.T. -0.000 min
Lab File: VN065205.D
Acq: 22 Dec 2020 18:56



Tgt Ion:180 Resp: 52893

Ion	Ratio	Lower	Upper
180	100		
182	96.7	48.1	144.4
145	30.4	16.4	49.1

