

Data Path : Z:\voasrv\HPCHEM1\MSVOA_w\Data\Vw121620\
 Data File : Vw017664.D
 Acq On : 16 Dec 2020 15:36
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_w/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 12/19/2020 12:04:03 PM

Quant Time: Dec 17 05:09:15 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_w\Method\82W121420S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 14 12:39:23 2020
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.945	168	208702	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.841	114	368495	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	336341	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	164386	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	135664	53.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.72%	
35) Dibromofluoromethane	7.884	113	119732	49.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.20%	
50) Toluene-d8	10.323	98	478195	50.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.74%	
62) 4-Bromofluorobenzene	12.621	95	172732	50.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.92%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.013	85	79278	48.42	ug/l	96
3) Chloromethane	2.214	50	74923	40.64	ug/l	98
4) Vinyl Chloride	2.367	62	130522	48.83	ug/l	98
5) Bromomethane	2.781	94	148069	72.03	ug/l	100
6) Chloroethane	2.928	64	96496	57.77	ug/l	100
7) Trichlorofluoromethane	3.263	101	108849	51.48	ug/l	94
8) Diethyl Ether	3.684	74	55022	47.47	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.068	101	107486	46.84	ug/l	89
10) Methyl Iodide	4.281	142	160431	47.48	ug/l #	90
11) Tert butyl alcohol	5.196	59	36247	197.97	ug/l #	85
12) 1,1-Dichloroethene	4.043	96	109845	46.61	ug/l #	83
13) Acrolein	3.897	56	29981	195.81	ug/l	99
14) Allyl chloride	4.671	41	171580	47.27	ug/l	89
15) Acrylonitrile	5.372	53	118831	231.51	ug/l	98
16) Acetone	4.135	43	104107	188.21	ug/l	93
17) Carbon Disulfide	4.391	76	311588	45.21	ug/l	100
18) Methyl Acetate	4.677	43	51246	45.58	ug/l	91
19) Methyl tert-butyl Ether	5.427	73	160745	50.42	ug/l	96
20) Methylene Chloride	4.921	84	122585	52.43	ug/l #	79
21) trans-1,2-Dichloroethene	5.427	96	127490	48.70	ug/l	89
22) Diisopropyl ether	6.311	45	344114	51.94	ug/l #	92
23) Vinyl Acetate	6.256	43	1095351	245.66	ug/l	95
24) 1,1-Dichloroethane	6.220	63	226487	50.36	ug/l	97
25) 2-Butanone	7.171	43	147755	200.60	ug/l	92
26) 2,2-Dichloropropane	7.165	77	138107	49.52	ug/l	94
27) cis-1,2-Dichloroethene	7.171	96	138793	49.63	ug/l	86
28) Bromochloromethane	7.512	49	102499	53.59	ug/l #	73
29) Tetrahydrofuran	7.531	42	94478	228.04	ug/l	90
30) Chloroform	7.677	83	240245	52.59	ug/l	100
31) Cyclohexane	7.957	56	200747	45.72	ug/l	90
32) 1,1,1-Trichloroethane	7.878	97	192760	49.37	ug/l #	94
36) 1,1-Dichloropropene	8.085	75	185847	48.17	ug/l	95
37) Ethyl Acetate	7.250	43	71808	44.54	ug/l	95
38) Carbon Tetrachloride	8.073	117	178043	45.92	ug/l	94
39) Methylcyclohexane	9.335	83	227797	46.61	ug/l	92
40) Benzene	8.323	78	505467	49.46	ug/l	98
41) Methacrylonitrile	7.488	41	43333	47.58	ug/l	92

Data Path : Z:\voasrv\HPCHEM1\MSVOA_w\Data\Vw121620\
 Data File : Vw017664.D
 Acq On : 16 Dec 2020 15:36
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_w/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 12/19/2020 12:04:03 PM

Quant Time: Dec 17 05:09:15 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_w\Method\82W121420S.M
 Quant Title : Sw846 8260
 QLast Update : Mon Dec 14 12:39:23 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.402	62	163537	52.55	ug/l	95
43) Isopropyl Acetate	8.427	43	142516	47.12	ug/l #	92
44) Trichloroethene	9.091	130	137172	48.66	ug/l	86
45) 1,2-Dichloropropane	9.372	63	125597	49.80	ug/l	99
46) Dibromomethane	9.457	93	69970	49.59	ug/l #	83
47) Bromodichloromethane	9.646	83	178660	49.68	ug/l #	96
48) Methyl methacrylate	9.439	41	72041	48.54	ug/l	87
49) 1,4-Dioxane	9.469	88	15828	906.82	ug/l #	95
51) 4-Methyl-2-Pentanone	10.213	43	351759	233.66	ug/l	90
52) Toluene	10.390	92	333369	49.88	ug/l	98
53) t-1,3-Dichloropropene	10.609	75	176022	47.83	ug/l	98
54) cis-1,3-Dichloropropene	10.073	75	207114	48.66	ug/l #	89
55) 1,1,2-Trichloroethane	10.786	97	92303	48.92	ug/l	95
56) Ethyl methacrylate	10.646	69	116021	47.59	ug/l #	83
57) 1,3-Dichloropropane	10.932	76	167284	50.18	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.926	63	284683	244.26	ug/l	91
59) 2-Hexanone	10.969	43	230754	229.10	ug/l	93
60) Dibromochloromethane	11.127	129	112493	47.65	ug/l	99
61) 1,2-Dibromoethane	11.237	107	90629	48.60	ug/l	99
64) Tetrachloroethene	10.859	164	109407	47.70	ug/l	93
65) Chlorobenzene	11.658	112	347437	48.04	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.731	131	122061	47.58	ug/l	100
67) Ethyl Benzene	11.731	91	654352	48.70	ug/l	98
68) m/p-Xylenes	11.841	106	500373	97.67	ug/l	96
69) o-Xylene	12.170	106	233896	48.41	ug/l	94
70) Styrene	12.182	104	398130	49.34	ug/l	96
71) Bromoform	12.353	173	60184	43.89	ug/l	97
73) Isopropylbenzene	12.463	105	650729	50.06	ug/l	98
74) N-ethyl acetate	12.274	43	127820	46.89	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.713	83	106639	49.18	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	73159m	46.23	ug/l	
77) Bromobenzene	12.743	156	137124	49.26	ug/l	80
78) n-propylbenzene	12.804	91	783142	50.74	ug/l	98
79) 2-Chlorotoluene	12.895	91	437868	50.89	ug/l	95
80) 1,3,5-Trimethylbenzene	12.944	105	549306	49.93	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.511	75	32003	40.98	ug/l	93
82) 4-Chlorotoluene	12.987	91	467663	51.50	ug/l	95
83) tert-Butylbenzene	13.206	119	474619	50.45	ug/l	93
84) 1,2,4-Trimethylbenzene	13.249	105	552181	50.96	ug/l	96
85) sec-Butylbenzene	13.383	105	661977	50.10	ug/l	98
86) p-Isopropyltoluene	13.499	119	603876	50.63	ug/l	96
87) 1,3-Dichlorobenzene	13.499	146	279354	50.35	ug/l	96
88) 1,4-Dichlorobenzene	13.578	146	280587	50.94	ug/l	97
89) n-Butylbenzene	13.822	91	601464	51.31	ug/l	97
90) Hexachloroethane	14.096	117	113825	48.57	ug/l	78
91) 1,2-Dichlorobenzene	13.871	146	250217	50.73	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.481	75	17536	44.45	ug/l	80
93) 1,2,4-Trichlorobenzene	15.133	180	160116	50.75	ug/l	98
94) Hexachlorobutadiene	15.230	225	79601	48.00	ug/l	96
95) Naphthalene	15.371	128	307797	47.69	ug/l	100
96) 1,2,3-Trichlorobenzene	15.560	180	133580	48.95	ug/l	96

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

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Manual Integrations

APPROVED

MMDadoda

12/19/2020 12:04:03 PM

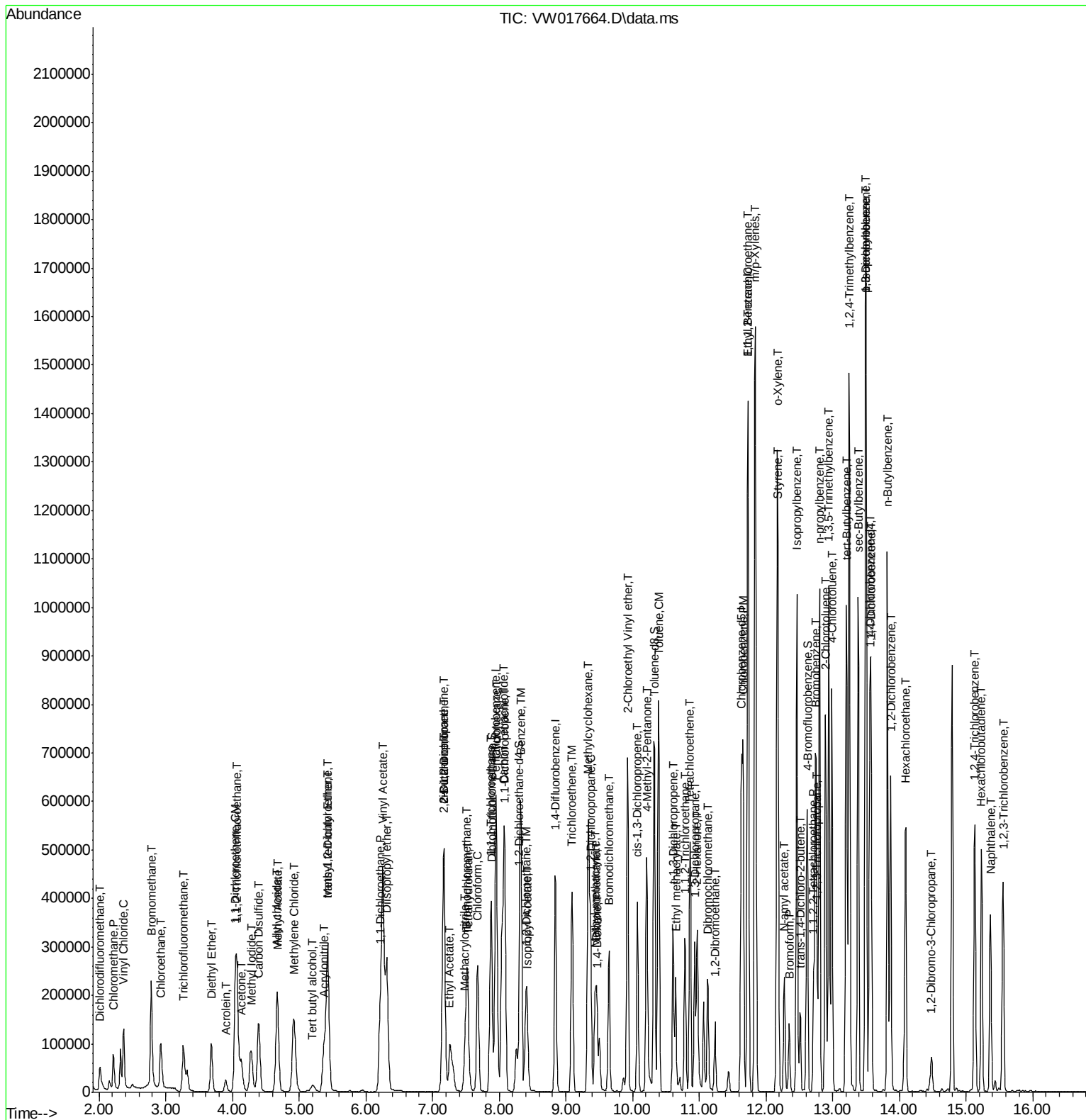
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\Vw121620\
Data File : VW017664.D
Acq On : 16 Dec 2020 15:36
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

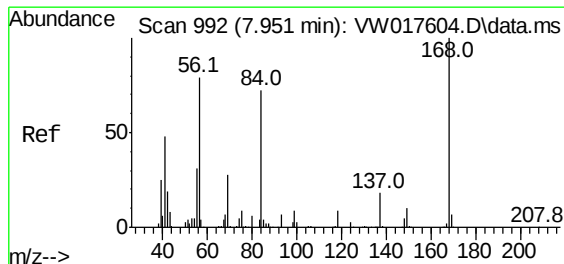
Instrument :
MSVOA_W
Client Sample ID :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
12/19/2020 12:04:03 PM

Quant Time: Dec 17 05:09:15 2020
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82w121420S.M
Quant Title : SW846 8260
QLast Update : Mon Dec 14 12:39:23 2020
Response via : Initial Calibration





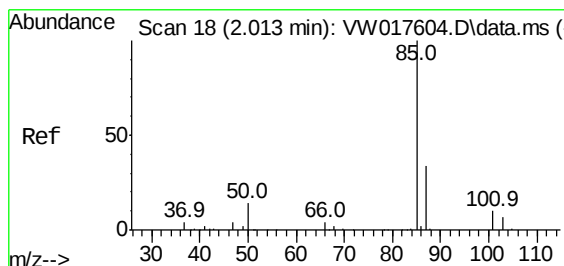
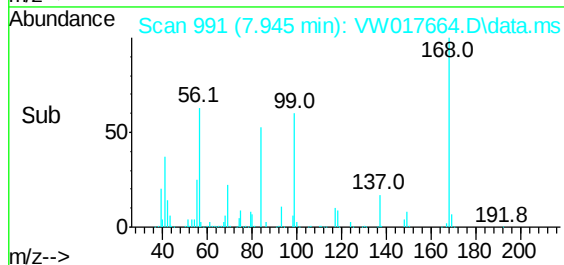
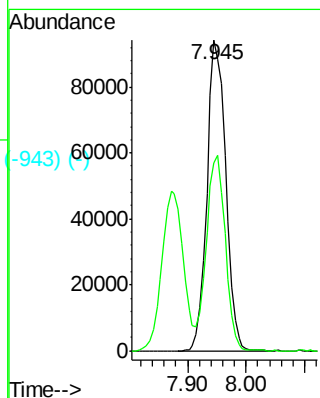
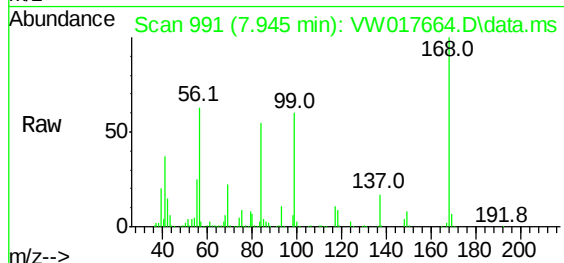
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.006 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 208702
Ion Ratio Lower Upper
168 100
99 60.3 40.7 61.1

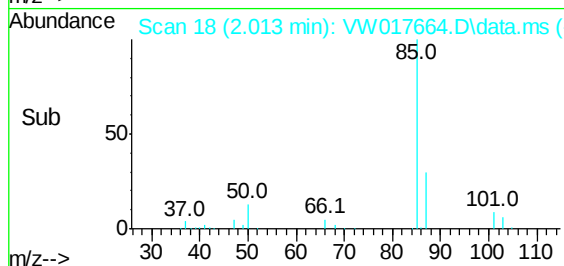
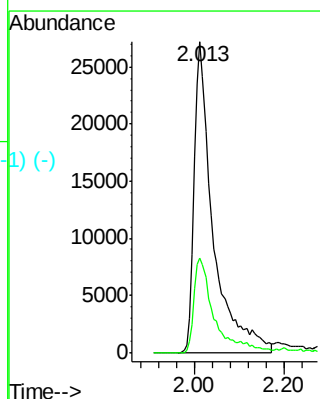
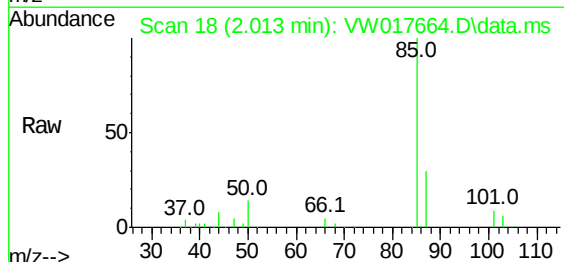
Manual Integrations
APPROVED

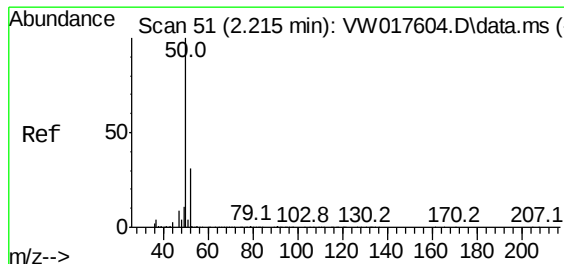
MMDadoda
12/19/2020 12:04:03 PM



Dichlorodifluoromethane
Concen: 48.42 ug/l
RT: 2.013 min Scan# 18
Delta R.T. 0.000 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36

Tgt Ion: 85 Resp: 79278
Ion Ratio Lower Upper
85 100
87 30.4 16.3 48.9





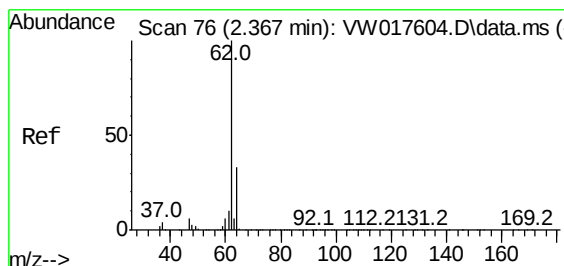
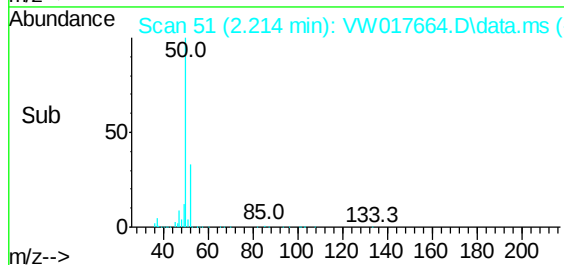
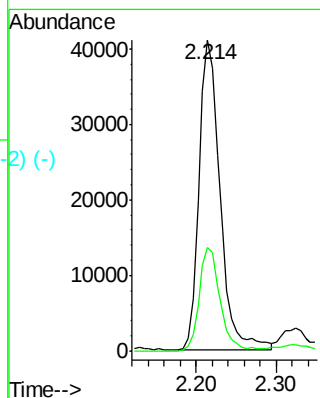
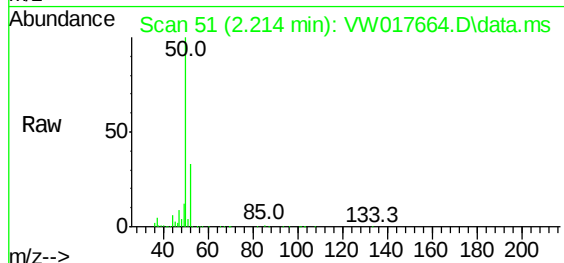
Chloromethane
Concen: 40.64 ug/l
RT: 2.214 min Scan# 51
Delta R.T. -0.001 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36

Tgt Ion: 50 Resp: 74923
Ion Ratio Lower Upper
50 100
52 33.5 27.6 41.4

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

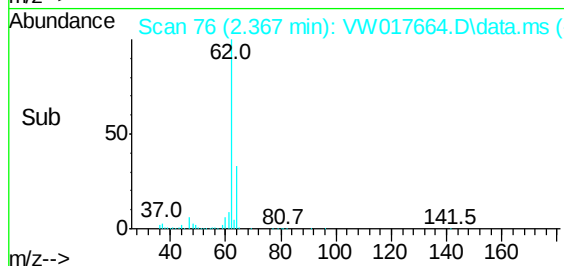
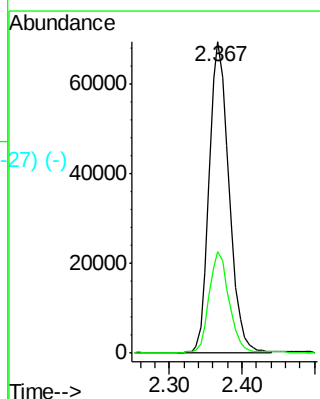
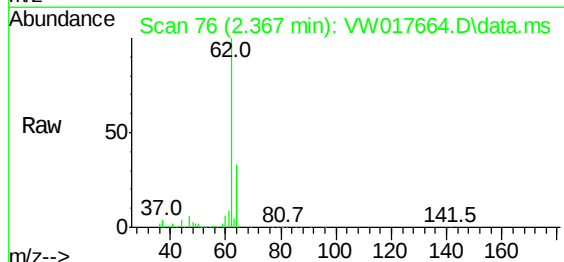
Manual Integrations
APPROVED

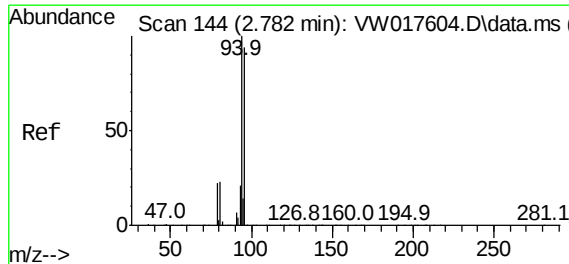
MMDadoda
12/19/2020 12:04:03 PM



Vinyl Chloride
Concen: 48.83 ug/l
RT: 2.367 min Scan# 76
Delta R.T. -0.000 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36

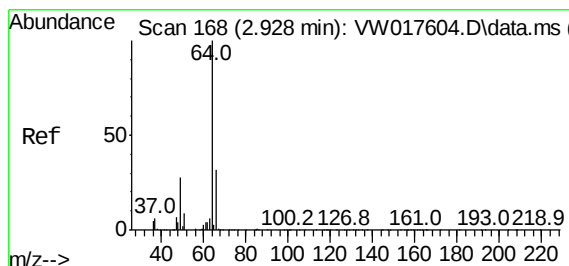
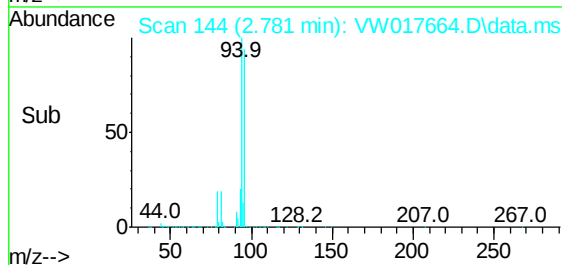
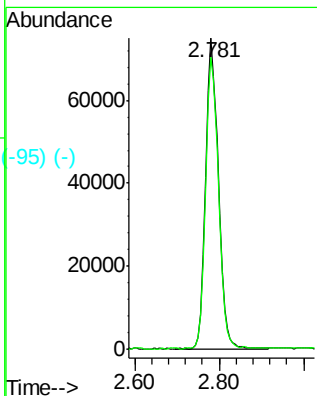
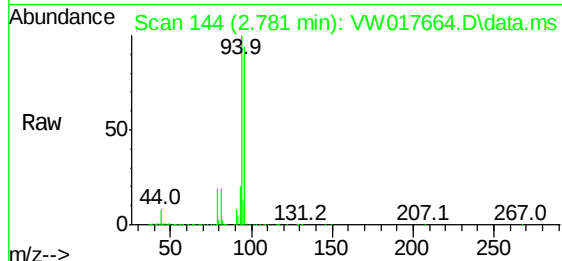
Tgt Ion: 62 Resp: 130522
Ion Ratio Lower Upper
62 100
64 32.6 25.0 37.4





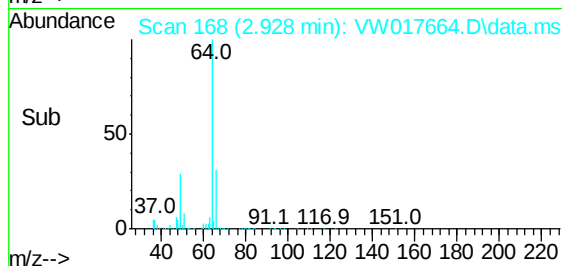
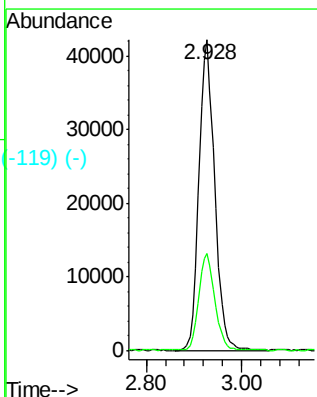
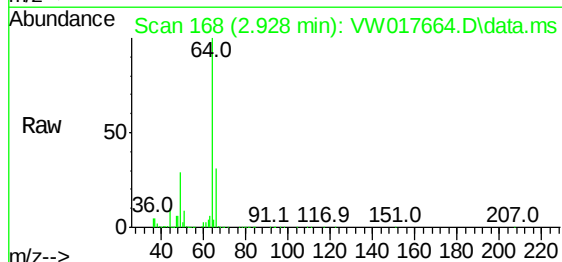
#58 (-)
Bromomethane
Concen: 72.03 ug/l
RT: 2.781 min Scan# 144
Delta R.T. -0.001 min
Lab File: Vw017664.D
Acq: 16 Dec 2020 15:36

Tgt Ion: 94 Resp: 148069
Ion Ratio Lower Upper
94 100
96 93.6 74.7 112.1



#59 (-)
Chloroethane
Concen: 57.77 ug/l
RT: 2.928 min Scan# 168
Delta R.T. -0.000 min
Lab File: Vw017664.D
Acq: 16 Dec 2020 15:36

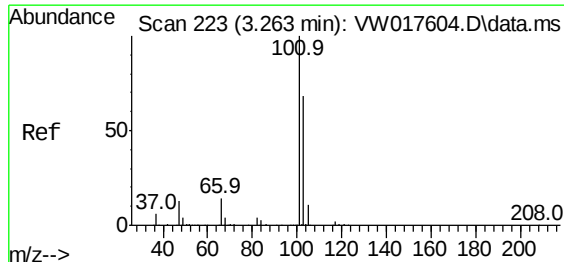
Tgt Ion: 64 Resp: 96496
Ion Ratio Lower Upper
64 100
66 31.1 25.0 37.6



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
12/19/2020 12:04:03 PM

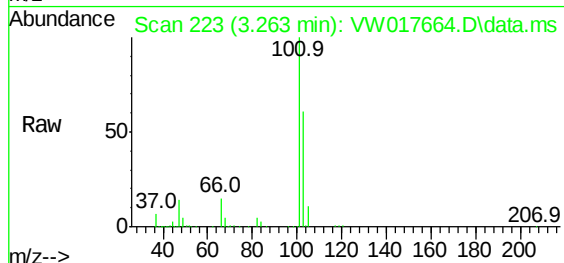


Trichlorofluoromethane
Concen: 51.48 ug/l
RT: 3.263 min Scan# 223
Delta R.T. 0.000 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36

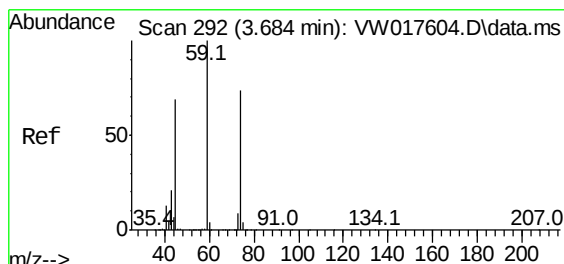
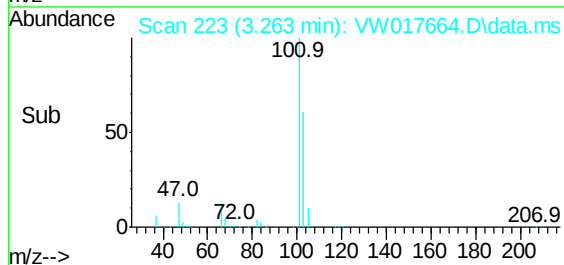
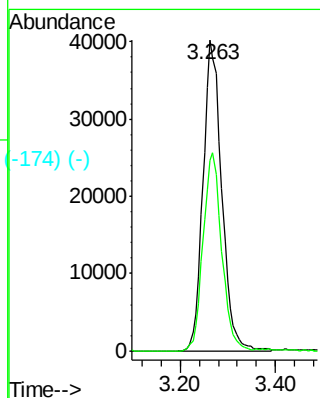
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
12/19/2020 12:04:03 PM

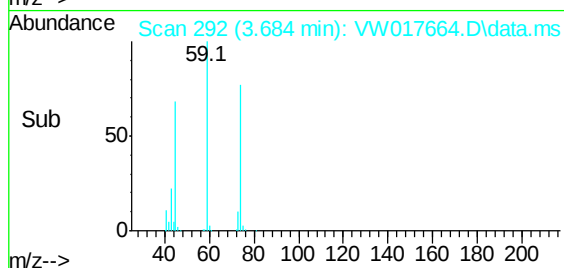
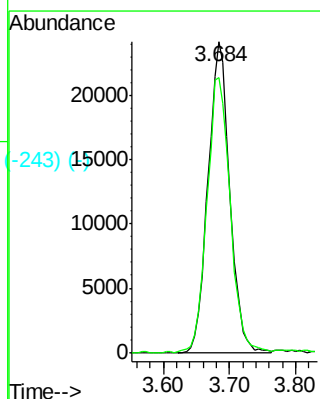
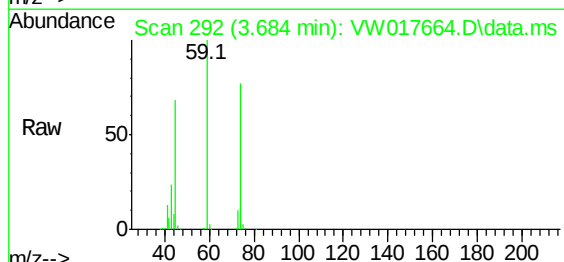


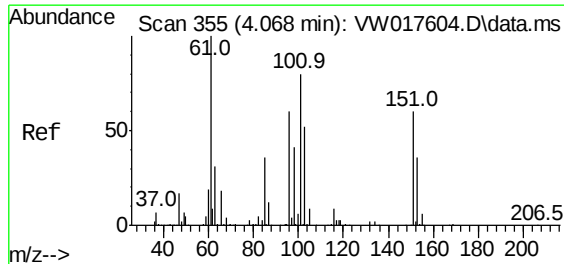
Tgt Ion:101 Resp: 108849
Ion Ratio Lower Upper
101 100
103 61.4 52.6 79.0



Diethyl Ether
Concen: 47.47 ug/l
RT: 3.684 min Scan# 292
Delta R.T. -0.000 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36

Tgt Ion: 74 Resp: 55022
Ion Ratio Lower Upper
74 100
45 94.7 41.1 123.4





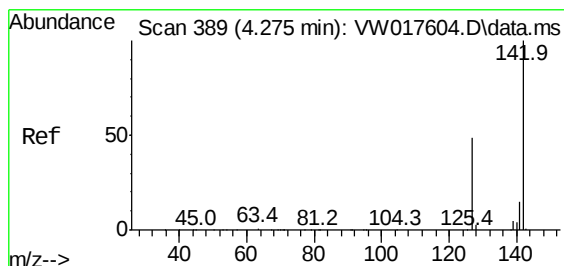
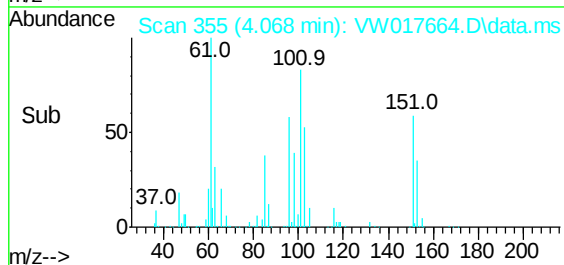
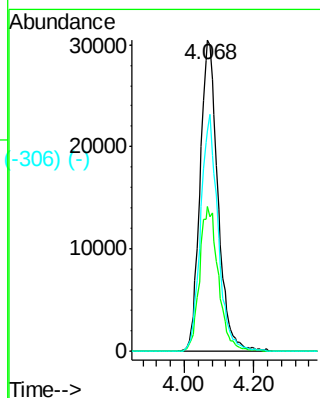
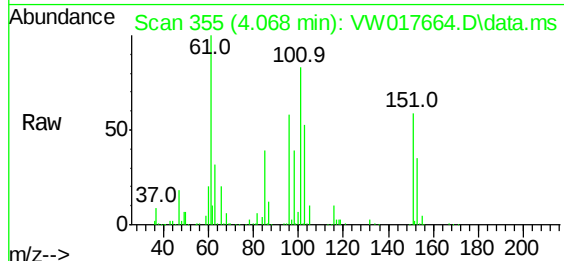
1,1,2-Trichlorotrifluoroethane
Concen: 46.84 ug/l
RT: 4.068 min Scan# 355
Delta R.T. -0.000 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 107486
Ion Ratio Lower Upper
101 100
85 48.5 33.2 49.8
151 73.9 66.6 100.0

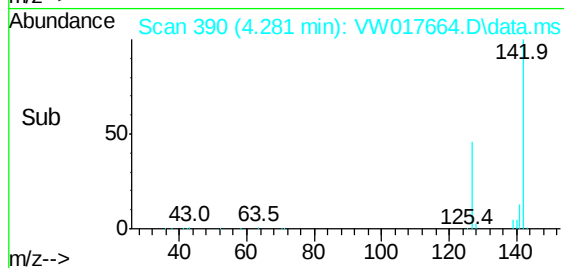
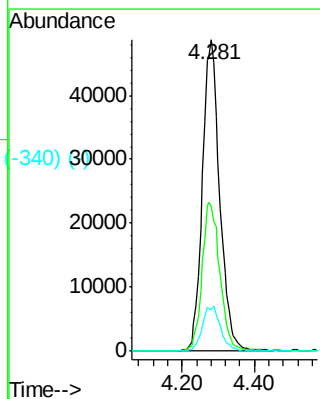
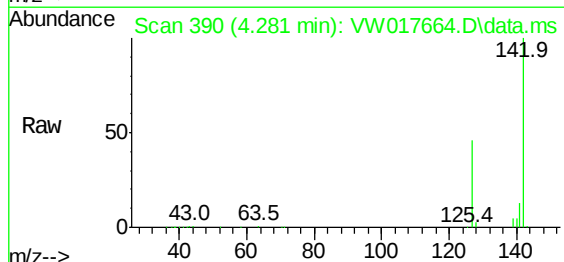
Manual Integrations
APPROVED

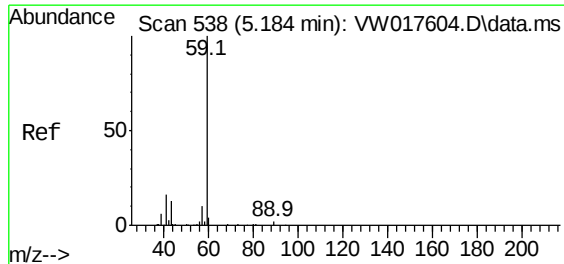
MMDadoda
12/19/2020 12:04:03 PM



Methyl Iodide
Concen: 47.48 ug/l
RT: 4.281 min Scan# 390
Delta R.T. 0.006 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36

Tgt Ion:142 Resp: 160431
Ion Ratio Lower Upper
142 100
127 48.7 32.4 48.6#
141 14.7 11.4 17.0





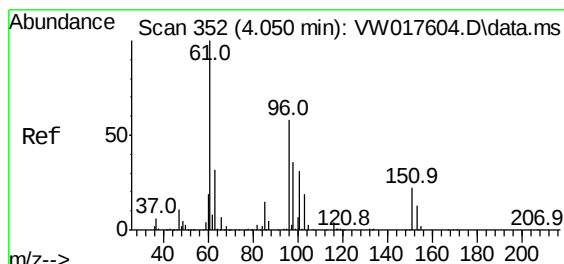
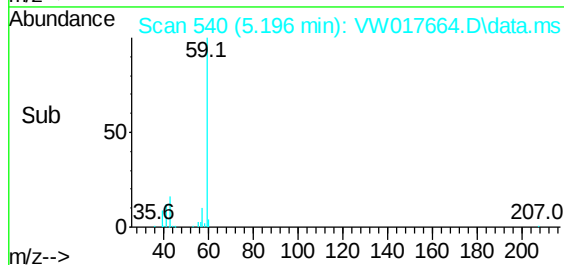
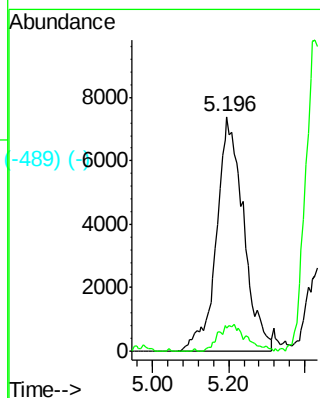
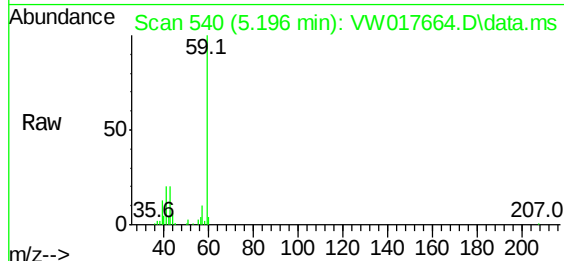
Tert butyl alcohol
Concen: 197.97 ug/l
RT: 5.196 min Scan# 540
Delta R.T. 0.012 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36

Tgt Ion: 59 Resp: 36247
Ion Ratio Lower Upper
59 100
57 11.1 4.7 7.1#

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

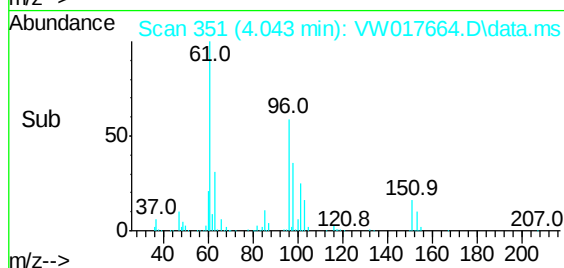
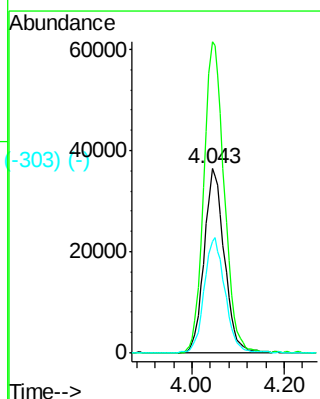
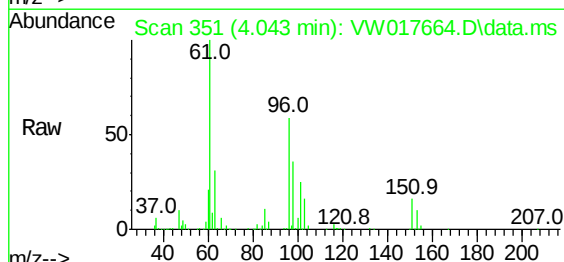
Manual Integrations
APPROVED

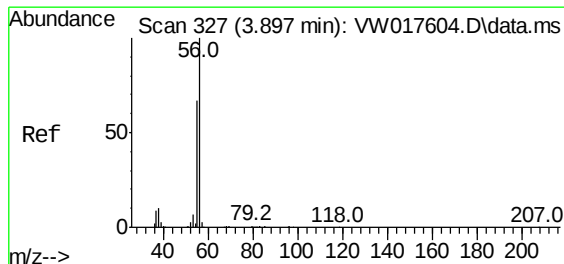
MMDadoda
12/19/2020 12:04:03 PM



1,1-Dichloroethene
Concen: 46.61 ug/l
RT: 4.043 min Scan# 351
Delta R.T. -0.007 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36

Tgt Ion: 96 Resp: 109845
Ion Ratio Lower Upper
96 100
61 169.1 111.7 167.5#
98 60.3 49.0 73.4





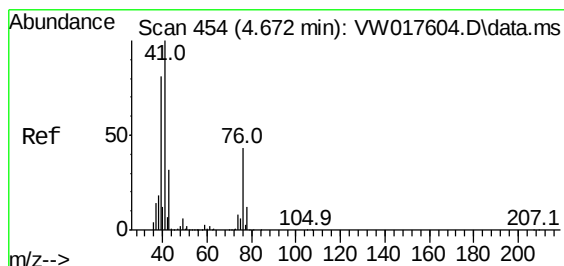
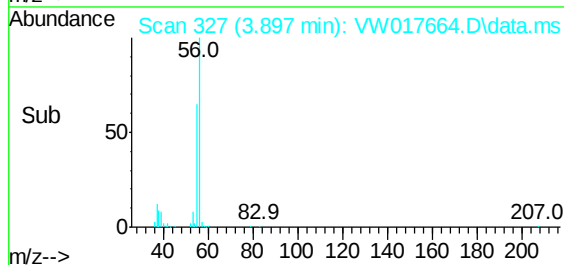
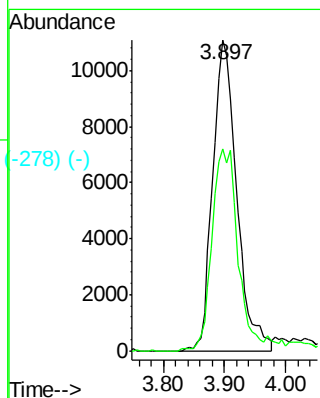
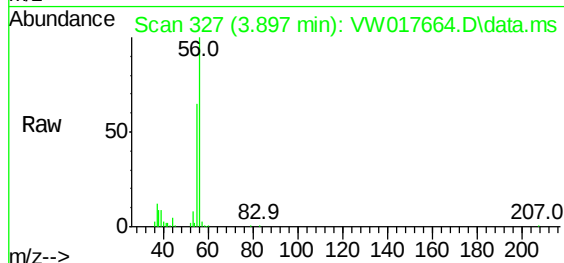
#118 (-)
Acrolein
Concen: 195.81 ug/l
RT: 3.897 min Scan# 327
Delta R.T. 0.000 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36

Tgt Ion: 56 Resp: 29981
Ion Ratio Lower Upper
56 100
55 69.3 55.9 83.9

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

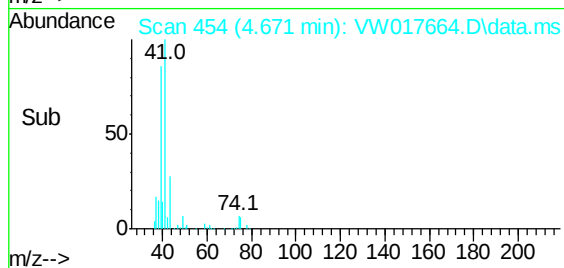
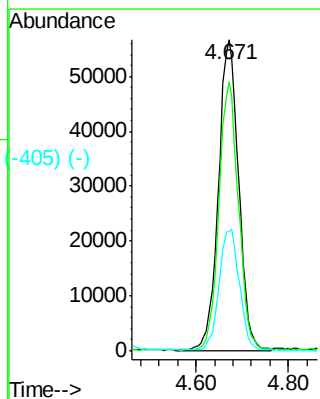
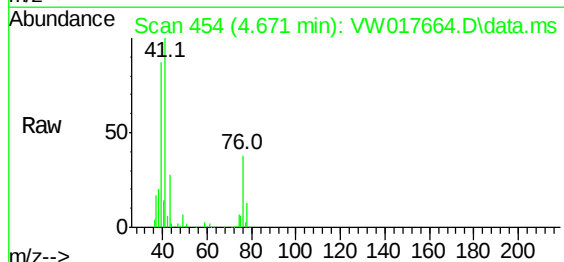
Manual Integrations
APPROVED

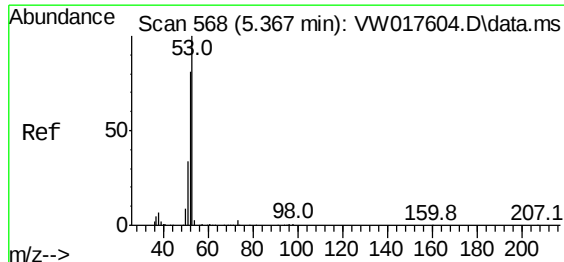
MMDadoda
12/19/2020 12:04:03 PM



#119 (-)
Allyl chloride
Concen: 47.27 ug/l
RT: 4.671 min Scan# 454
Delta R.T. -0.001 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36

Tgt Ion: 41 Resp: 171580
Ion Ratio Lower Upper
41 100
39 83.3 57.8 86.8
76 39.3 35.1 52.7





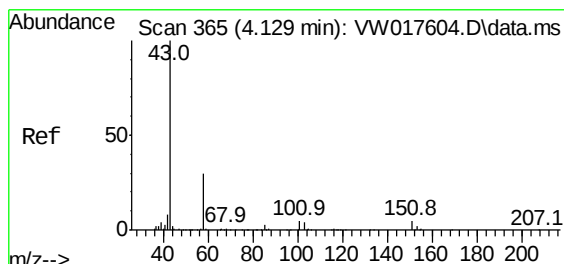
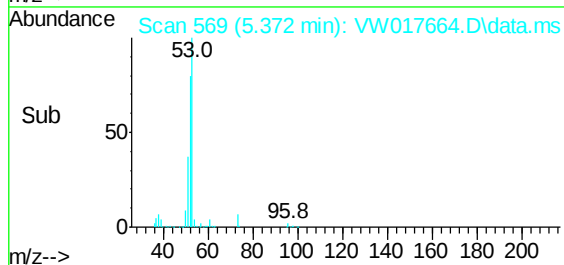
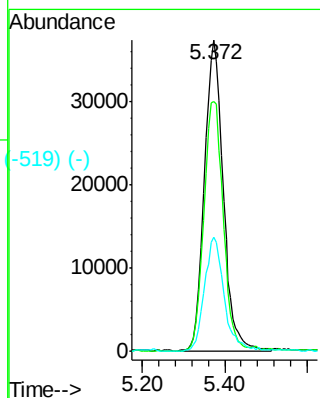
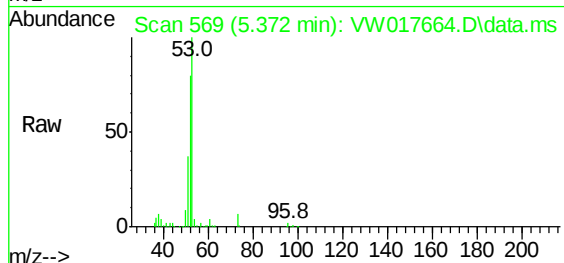
Acrylonitrile
 Concen: 231.51 ug/l
 RT: 5.372 min Scan# 569
 Delta R.T. 0.005 min
 Lab File: VW017664.D
 Acq: 16 Dec 2020 15:36

Tgt Ion:	53	Resp:	118831
Ion	Ratio	Lower	Upper
53	100		
52	82.6	65.0	97.4
51	38.0	29.1	43.7

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

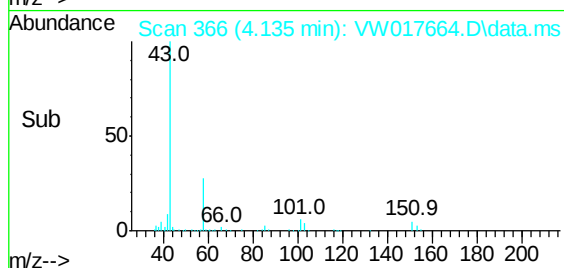
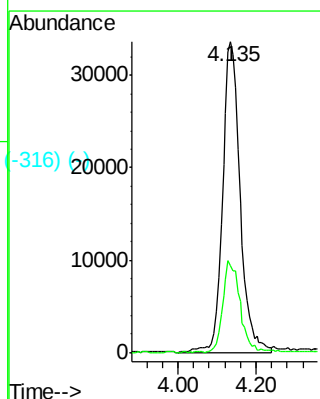
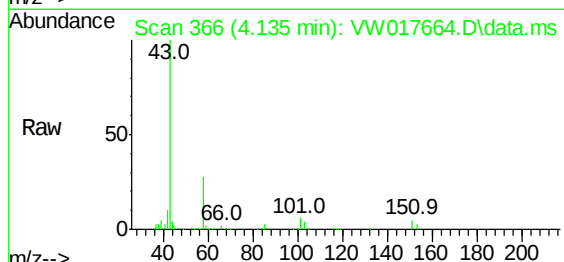
Manual Integrations
 APPROVED

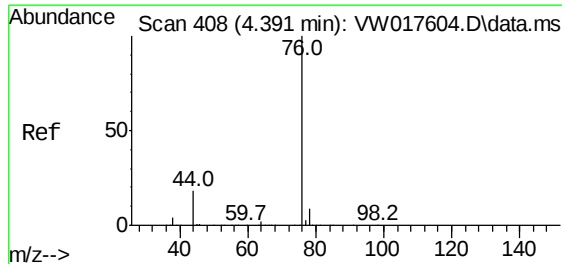
MMDadoda
 12/19/2020 12:04:03 PM



Acetone
 Concen: 188.21 ug/l
 RT: 4.135 min Scan# 366
 Delta R.T. 0.006 min
 Lab File: VW017664.D
 Acq: 16 Dec 2020 15:36

Tgt Ion:	43	Resp:	104107
Ion	Ratio	Lower	Upper
43	100		
58	28.1	25.7	38.5





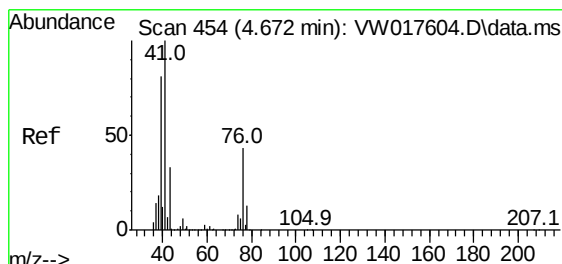
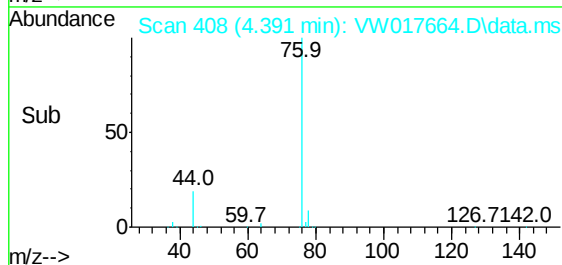
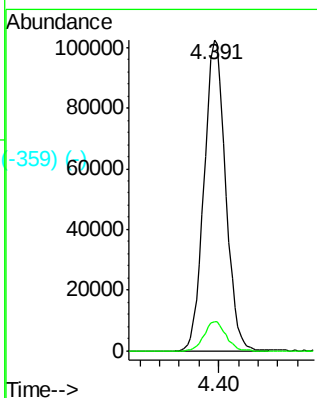
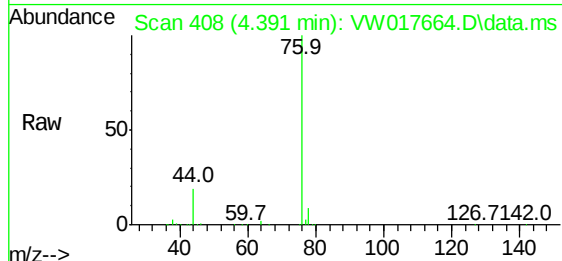
#17 (-)
Carbon Disulfide
Concen: 45.21 ug/l
RT: 4.391 min Scan# 408
Delta R.T. -0.000 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 311588
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2

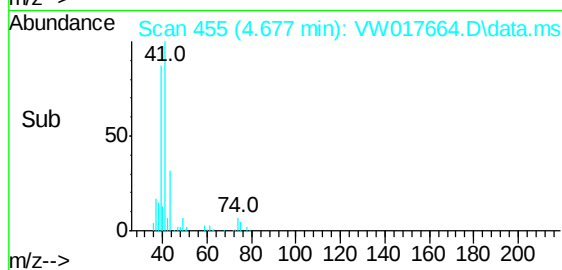
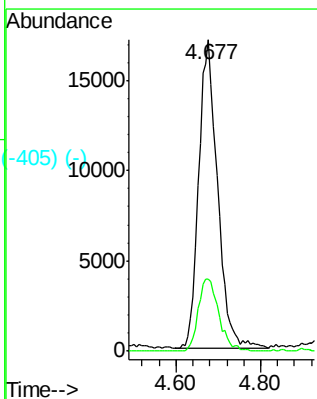
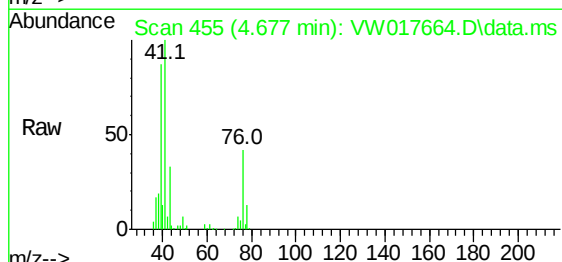
Manual Integrations
APPROVED

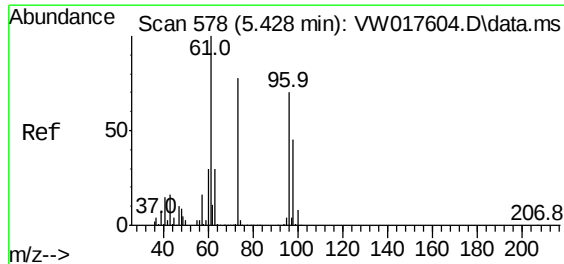
MMDadoda
12/19/2020 12:04:03 PM



#18 (-)
Methyl Acetate
Concen: 45.58 ug/l
RT: 4.677 min Scan# 455
Delta R.T. 0.005 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36

Tgt Ion: 43 Resp: 51246
Ion Ratio Lower Upper
43 100
74 24.9 23.8 35.6





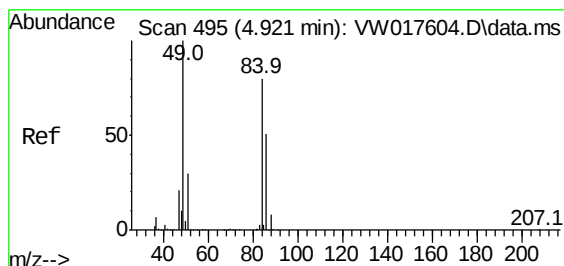
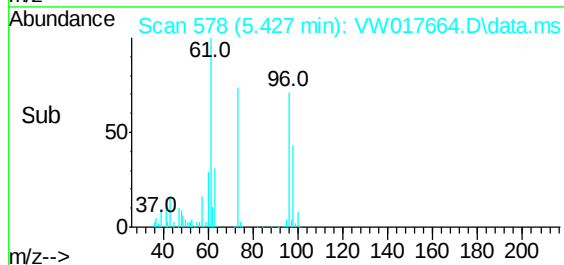
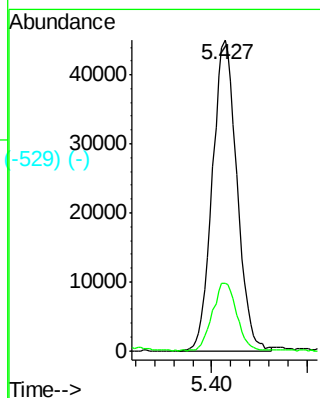
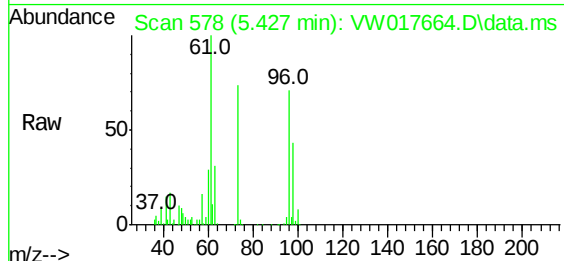
#529 (-)
Methyl tert-butyl Ether
Concen: 50.42 ug/l
RT: 5.427 min Scan# 578
Delta R.T. -0.001 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36

Tgt Ion: 73 Resp: 160745
Ion Ratio Lower Upper
73 100
57 21.8 16.1 24.1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

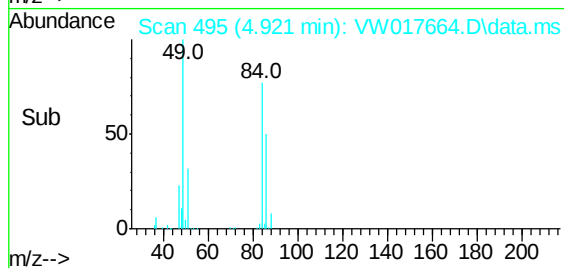
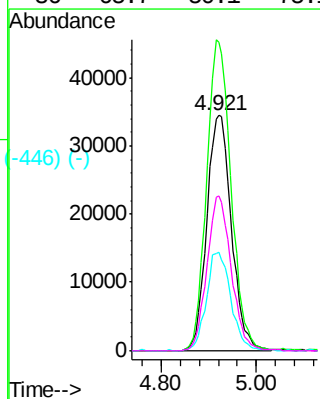
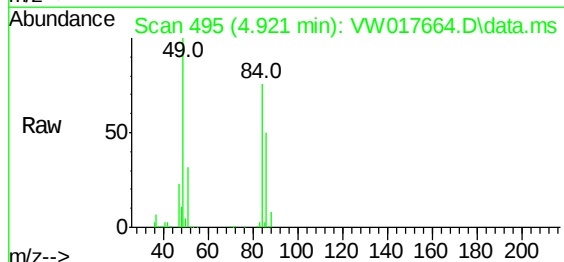
Manual Integrations
APPROVED

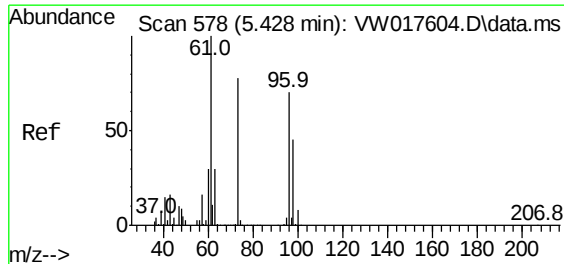
MMDadoda
12/19/2020 12:04:03 PM



#446 (-)
Methylene Chloride
Concen: 52.43 ug/l
RT: 4.921 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36

Tgt Ion: 84 Resp: 122585
Ion Ratio Lower Upper
84 100
49 131.2 79.0 118.6#
51 41.9 26.1 39.1#
86 65.7 50.1 75.1





#21 (-)
trans-1,2-Dichloroethene
Concen: 48.70 ug/l
RT: 5.427 min Scan# 578
Delta R.T. -0.001 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36

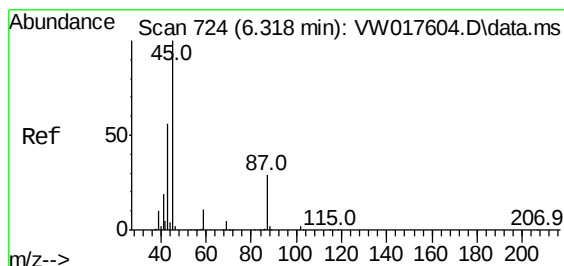
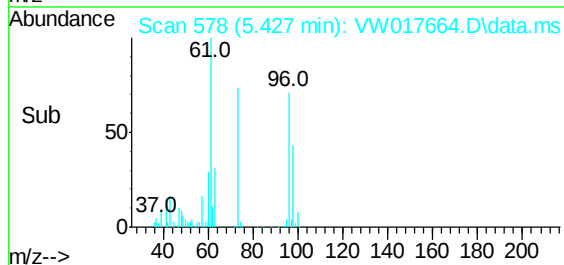
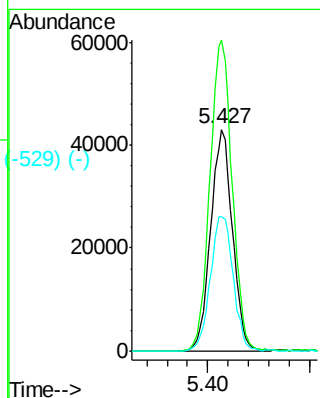
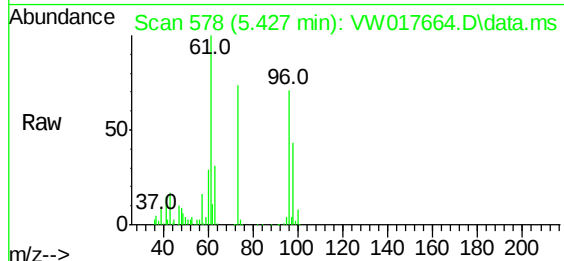
Tgt Ion: 96 Resp: 127490

Ion	Ratio	Lower	Upper
96	100		
61	140.2	97.4	146.0
98	60.7	49.4	74.0

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

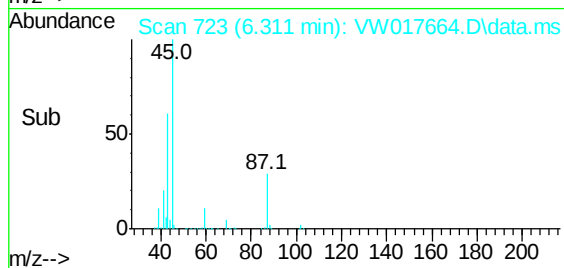
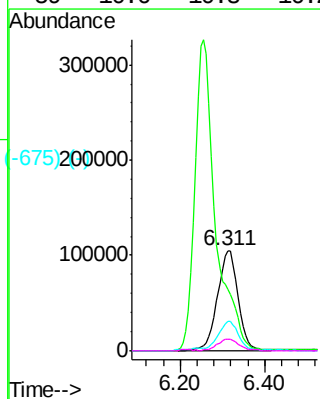
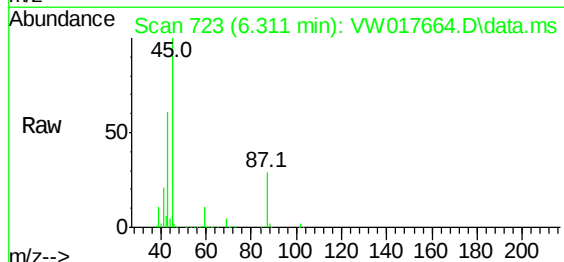
MMDadoda
12/19/2020 12:04:03 PM

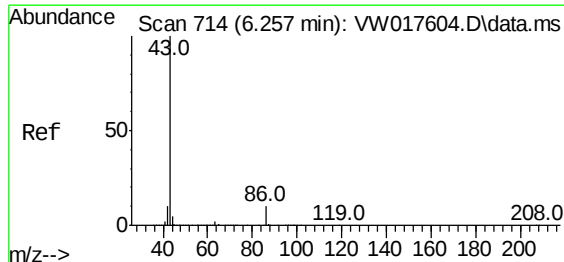


#22 (-)
Diisopropyl ether
Concen: 51.94 ug/l
RT: 6.311 min Scan# 723
Delta R.T. -0.007 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36

Tgt Ion: 45 Resp: 344114

Ion	Ratio	Lower	Upper
45	100		
43	60.0	43.8	65.8
87	29.1	27.6	41.4
59	10.6	10.8	16.2



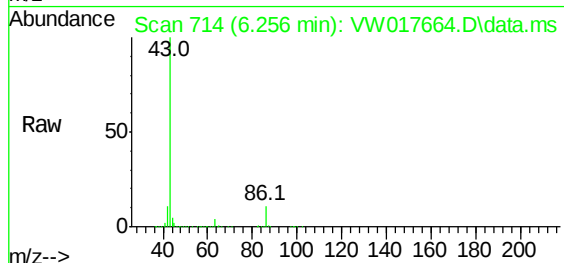


Vinyl Acetate
 Concen: 245.66 ug/l
 RT: 6.256 min Scan# 714
 Delta R.T. -0.001 min
 Lab File: VW017664.D
 Acq: 16 Dec 2020 15:36

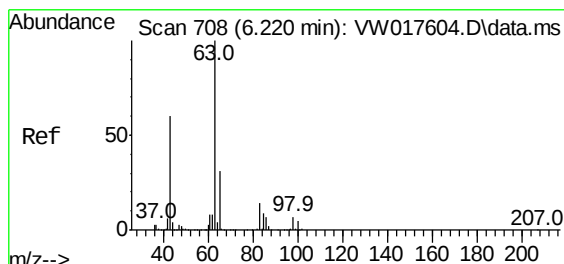
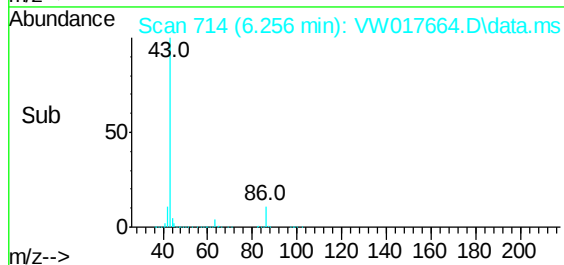
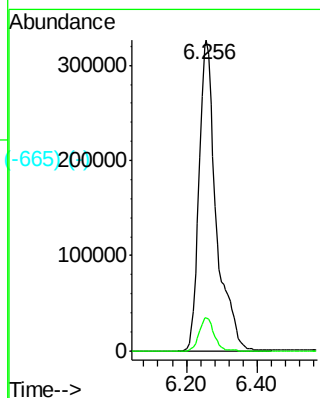
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 12/19/2020 12:04:03 PM

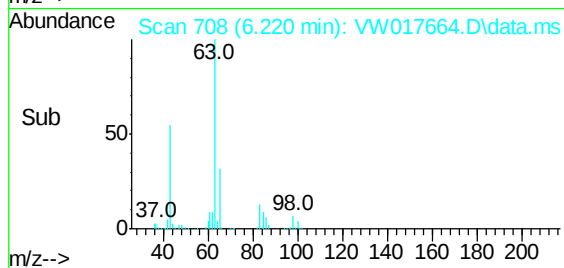
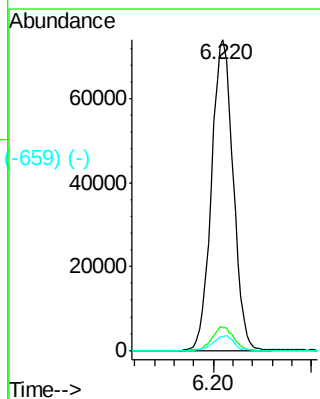
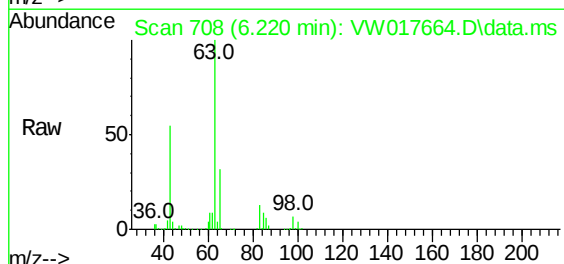


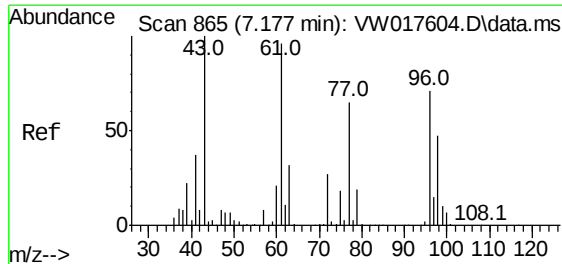
Tgt Ion: 43 Resp: 1095351
 Ion Ratio Lower Upper
 43 100
 86 10.7 10.2 15.4



1,1-Dichloroethane
 Concen: 50.36 ug/l
 RT: 6.220 min Scan# 708
 Delta R.T. -0.000 min
 Lab File: VW017664.D
 Acq: 16 Dec 2020 15:36

Tgt Ion: 63 Resp: 226487
 Ion Ratio Lower Upper
 63 100
 98 7.4 4.2 12.6
 100 4.3 2.6 7.8





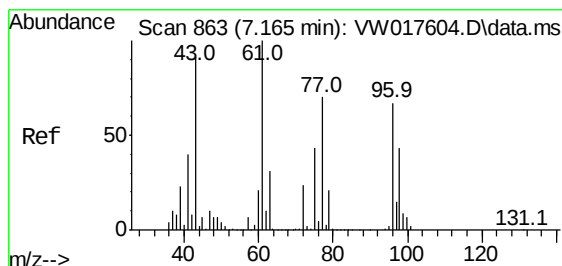
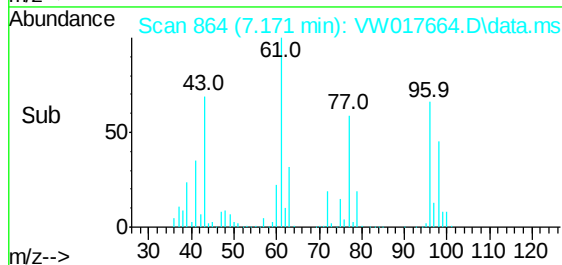
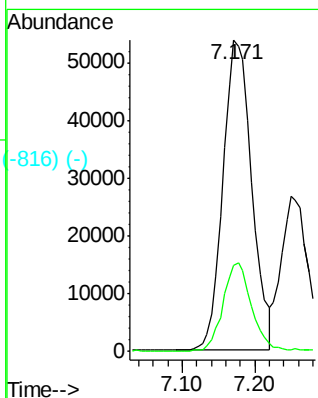
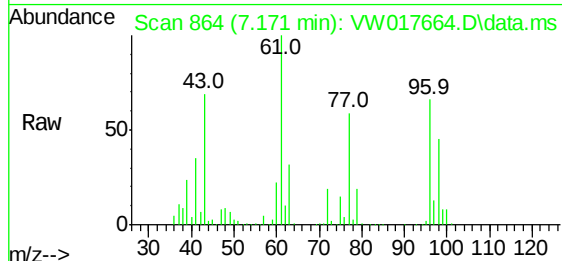
2-Butanone
Concen: 200.60 ug/l
RT: 7.171 min Scan# 864
Delta R.T. -0.006 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36

Tgt Ion: 43 Resp: 147755
Ion Ratio Lower Upper
43 100
72 27.4 25.4 38.2

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

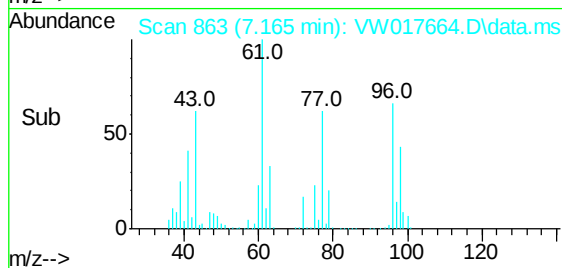
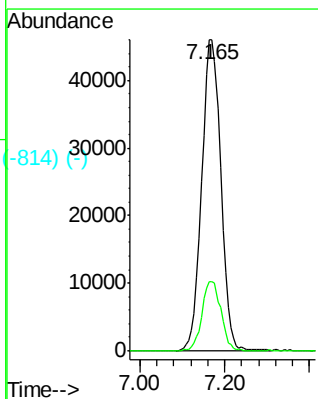
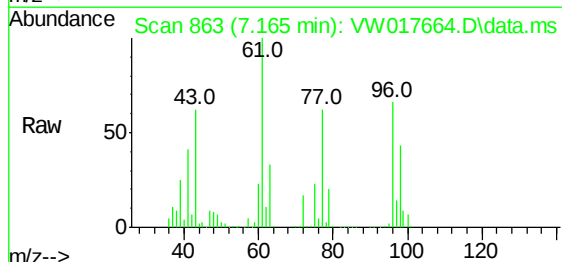
Manual Integrations
APPROVED

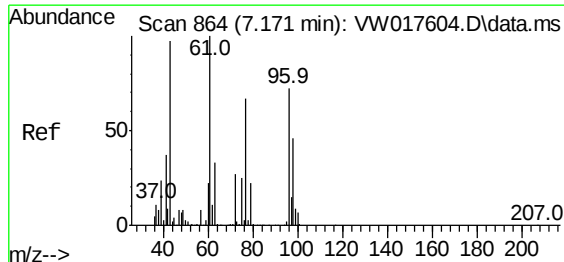
MMDadoda
12/19/2020 12:04:03 PM



2,2-Dichloropropane
Concen: 49.52 ug/l
RT: 7.165 min Scan# 863
Delta R.T. -0.000 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36

Tgt Ion: 77 Resp: 138107
Ion Ratio Lower Upper
77 100
97 21.9 12.4 37.4





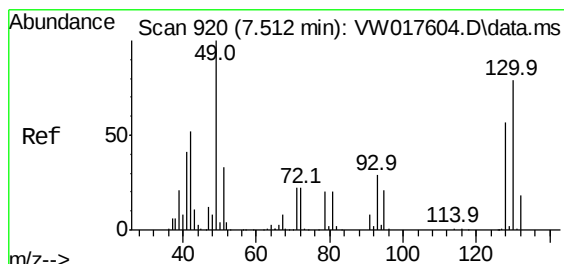
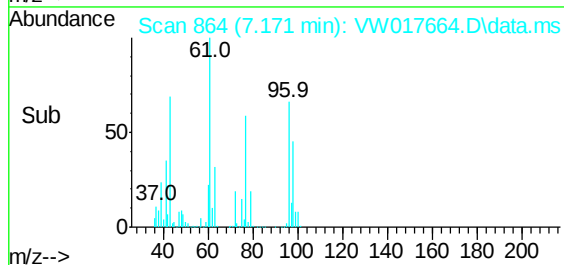
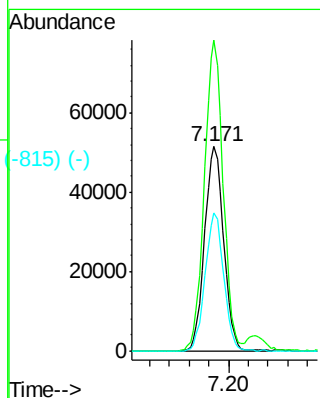
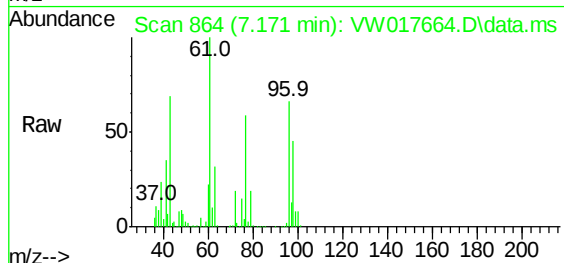
cis-1,2-Dichloroethene
Concen: 49.63 ug/l
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36

Tgt Ion: 96 Resp: 138793
Ion Ratio Lower Upper
96 100
61 149.0 0.0 249.6
98 65.6 0.0 129.4

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

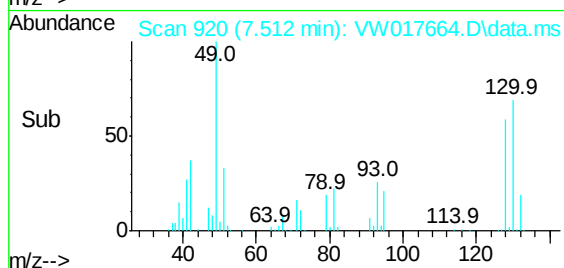
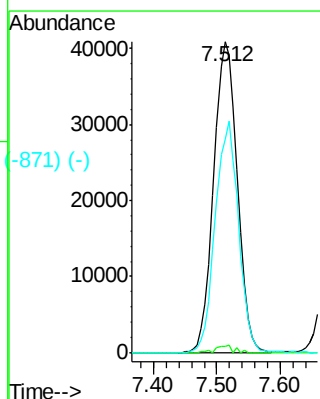
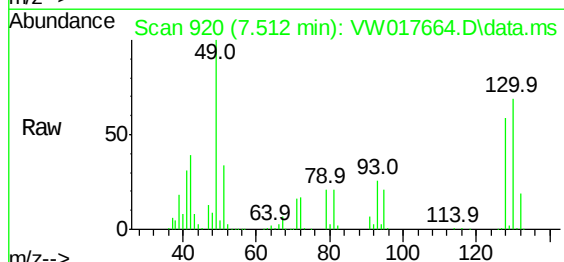
Manual Integrations
APPROVED

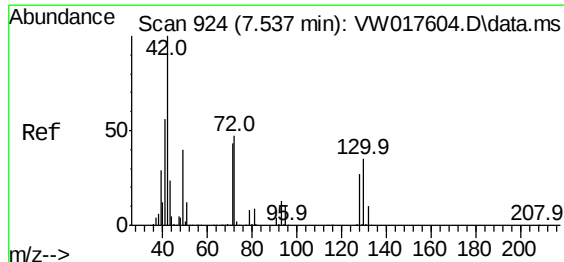
MMDadoda
12/19/2020 12:04:03 PM



Bromochloromethane
Concen: 53.59 ug/l
RT: 7.512 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36

Tgt Ion: 49 Resp: 102499
Ion Ratio Lower Upper
49 100
129 1.7 0.0 4.8
130 73.4 81.3 121.9#





Tetrahydrofuran
Concen: 228.04 ug/l
RT: 7.531 min Scan# 923
Delta R.T. -0.006 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36

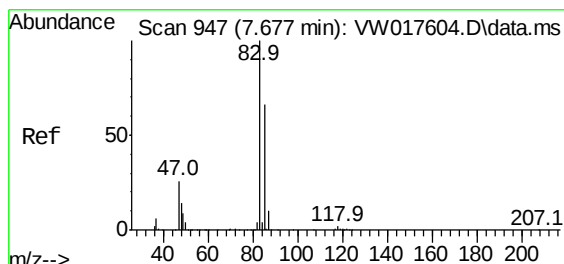
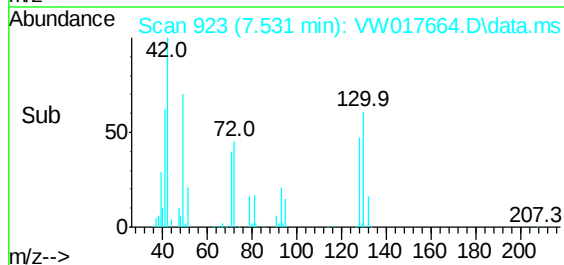
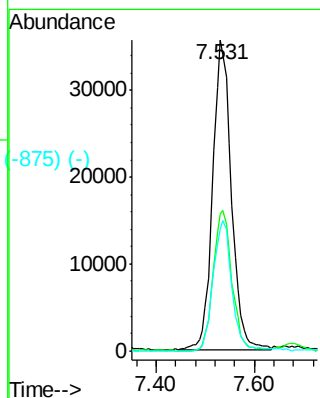
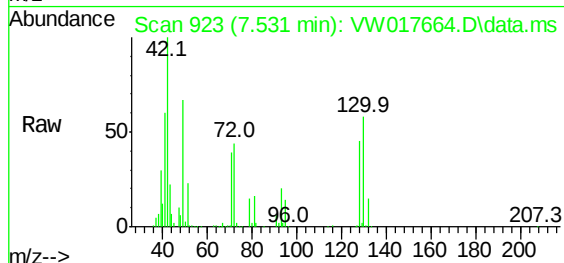
Tgt Ion: 42 Resp: 94478

Ion	Ratio	Lower	Upper
42	100		
72	45.3	42.0	63.0
71	41.6	39.0	58.6

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

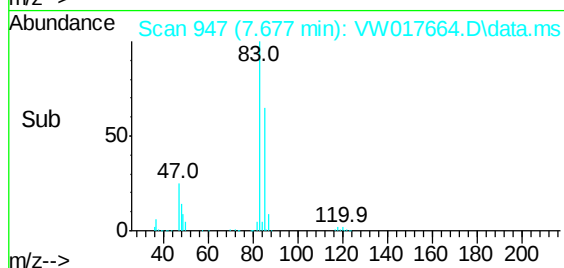
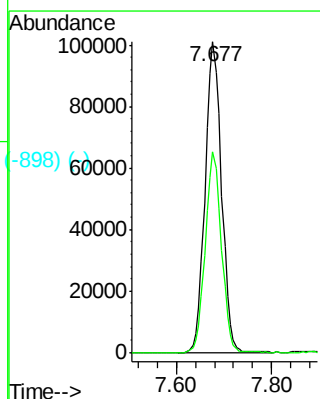
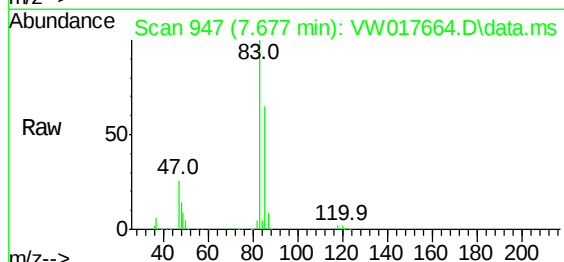
MMDadoda
12/19/2020 12:04:03 PM

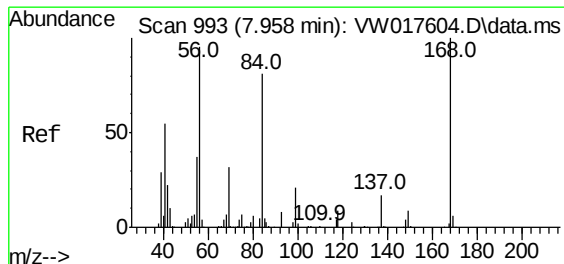


Chloroform
Concen: 52.59 ug/l
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36

Tgt Ion: 83 Resp: 240245

Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.7	77.5





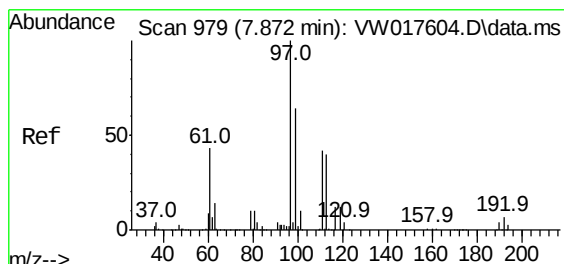
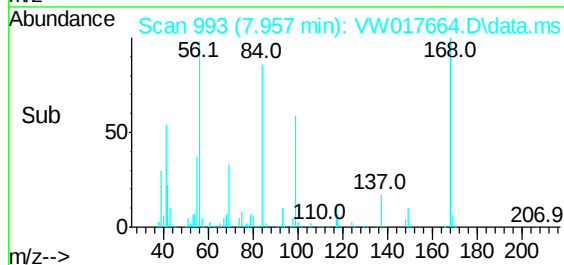
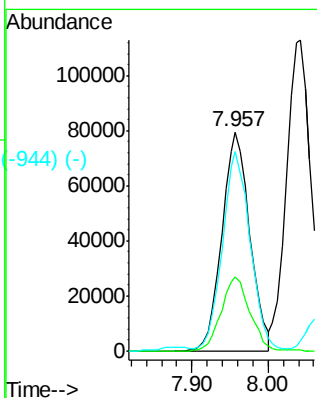
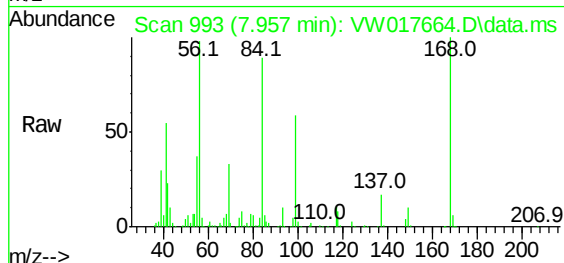
#31 (-)
Cyclohexane
Concen: 45.72 ug/l
RT: 7.957 min Scan# 993
Delta R.T. -0.001 min
Lab File: Vw017664.D
Acq: 16 Dec 2020 15:36

Tgt Ion:	56	Resp:	200747
Ion Ratio	Lower	Upper	
56	100		
69	34.0	29.3	43.9
84	89.2	80.5	120.7

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

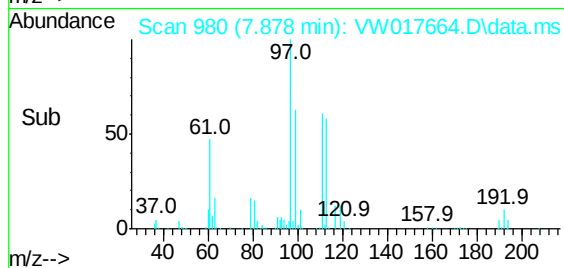
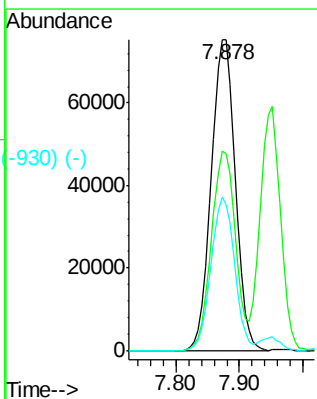
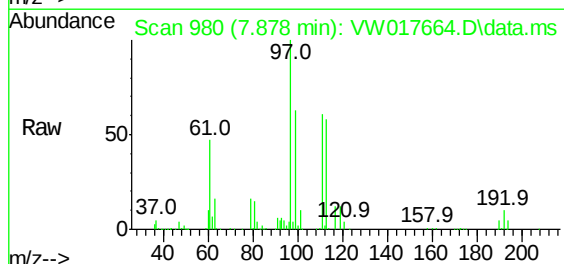
Manual Integrations
APPROVED

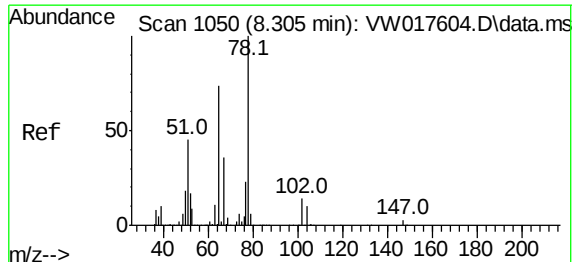
MMDadoda
12/19/2020 12:04:03 PM



#32 (-)
1,1,1-Trichloroethane
Concen: 49.37 ug/l
RT: 7.878 min Scan# 980
Delta R.T. 0.006 min
Lab File: Vw017664.D
Acq: 16 Dec 2020 15:36

Tgt Ion:	97	Resp:	192760
Ion Ratio	Lower	Upper	
97	100		
99	65.0	52.4	78.6
61	48.3	31.9	47.9#





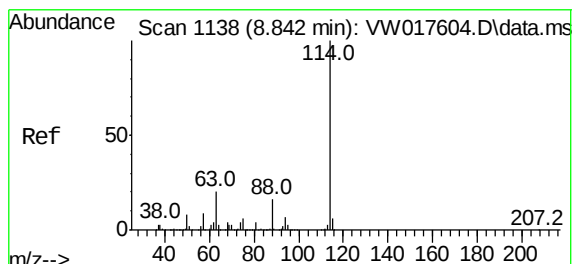
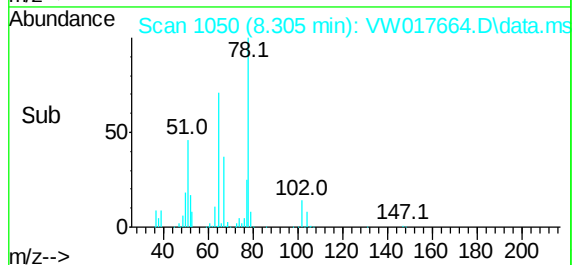
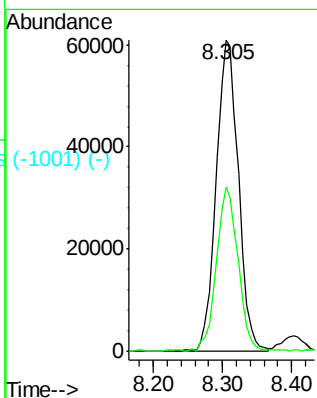
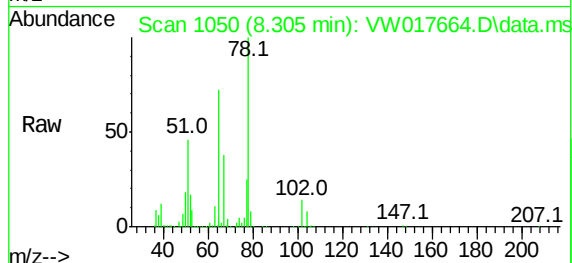
#1084 (-)
1,2-Dichloroethane-d4
Concen: 53.36 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 135664
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.8

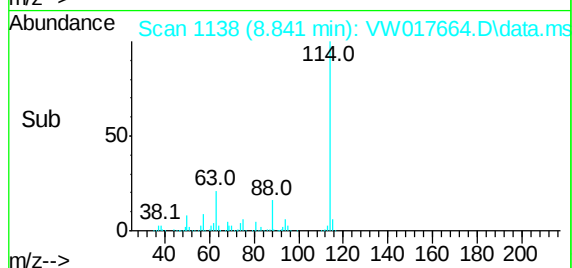
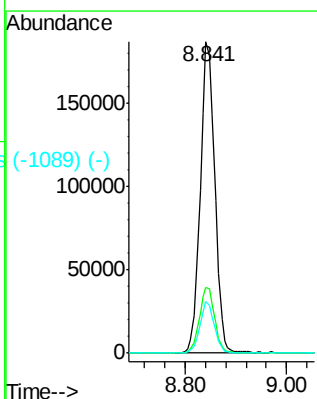
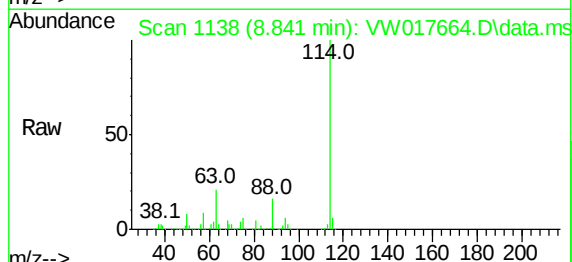
Manual Integrations
APPROVED

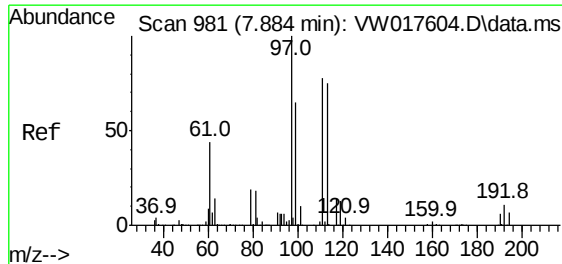
MMDadoda
12/19/2020 12:04:03 PM



#1128 (-)
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.841 min Scan# 1138
Delta R.T. -0.001 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36

Tgt Ion:114 Resp: 368495
Ion Ratio Lower Upper
114 100
63 20.8 0.0 35.6
88 16.4 0.0 30.4





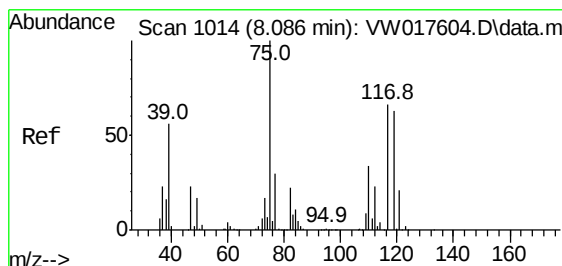
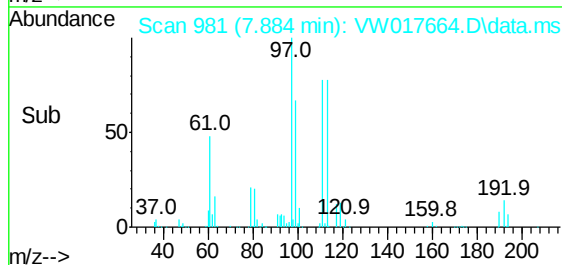
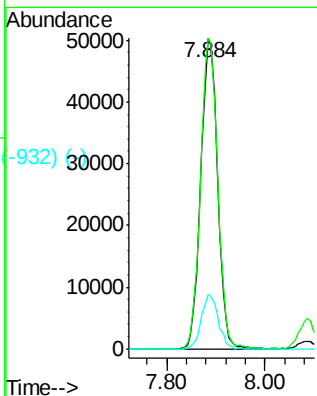
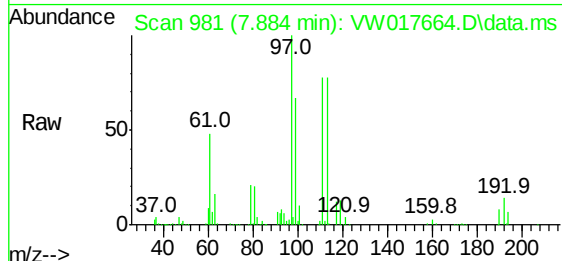
#935 (-)
Dibromofluoromethane
Concen: 49.10 ug/l
RT: 7.884 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:113 Resp: 119732
Ion Ratio Lower Upper
113 100
111 102.1 81.4 122.2
192 17.5 17.8 26.8#

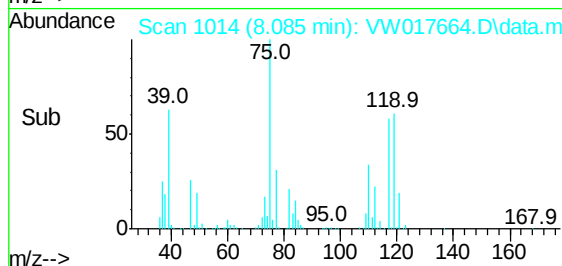
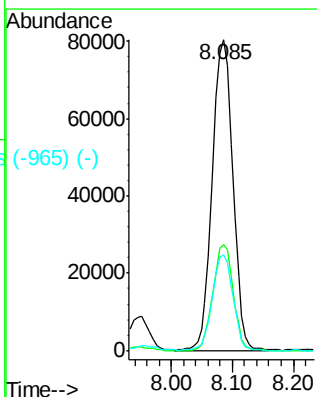
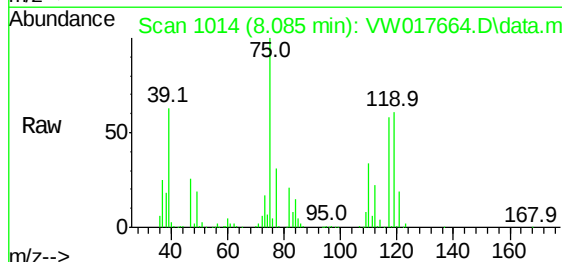
Manual Integrations
APPROVED

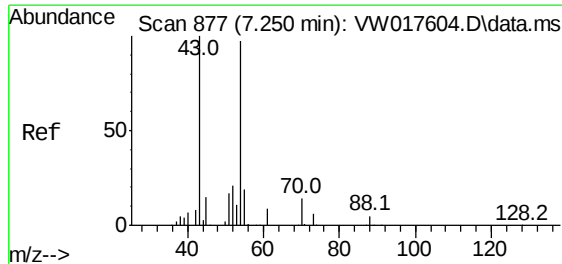
MMDadoda
12/19/2020 12:04:03 PM



#931 (-)
1,1-Dichloropropene
Concen: 48.17 ug/l
RT: 8.085 min Scan# 1014
Delta R.T. -0.001 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36

Tgt Ion: 75 Resp: 185847
Ion Ratio Lower Upper
75 100
110 33.4 19.3 57.9
77 31.1 25.0 37.6





Ethyl Acetate
Concen: 44.54 ug/l
RT: 7.250 min Scan# 877
Delta R.T. 0.000 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36

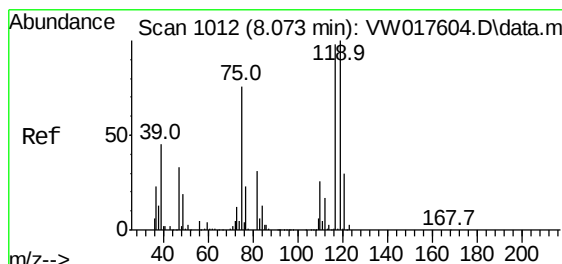
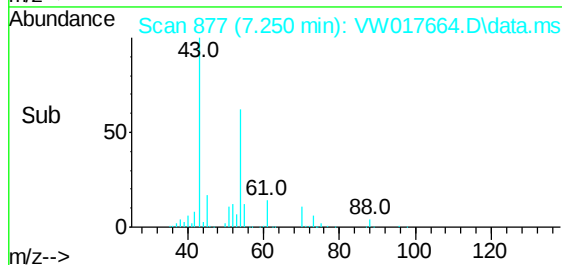
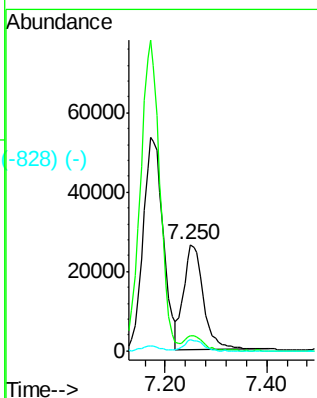
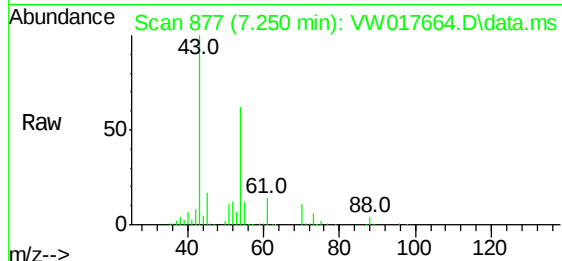
Tgt Ion: 43 Resp: 71808

Ion	Ratio	Lower	Upper
43	100		
61	13.3	12.0	18.0
70	10.0	9.9	14.9

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

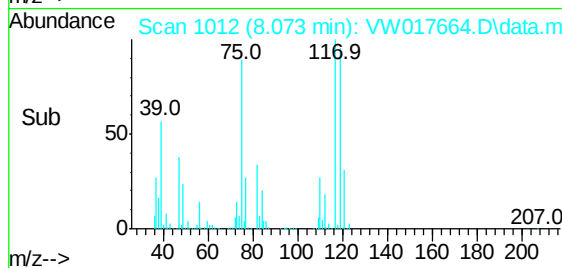
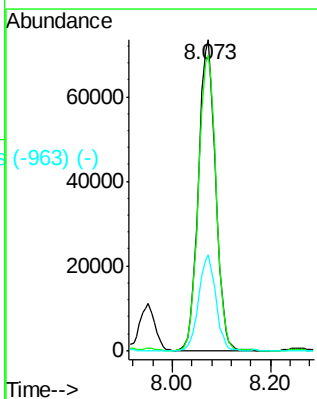
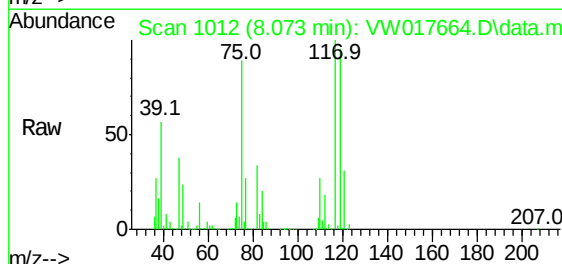
MMDadoda
12/19/2020 12:04:03 PM

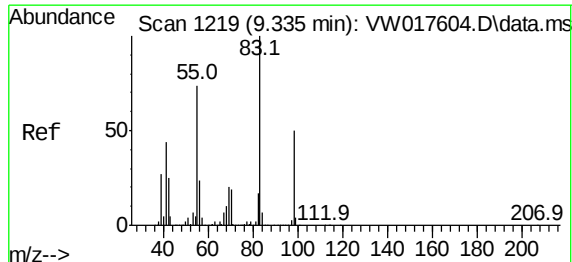


Carbon Tetrachloride
Concen: 45.92 ug/l
RT: 8.073 min Scan# 1012
Delta R.T. 0.000 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36

Tgt Ion: 117 Resp: 178043

Ion	Ratio	Lower	Upper
117	100		
119	94.9	81.6	122.4
121	31.0	25.7	38.5





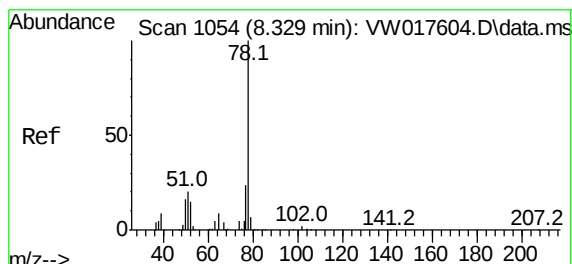
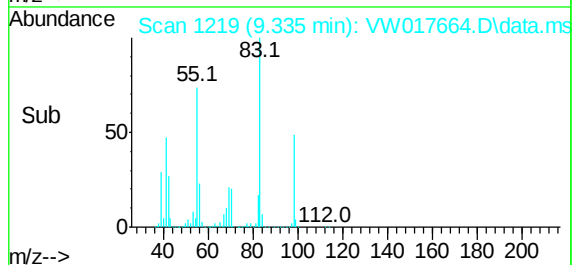
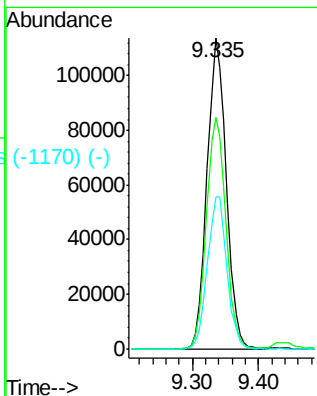
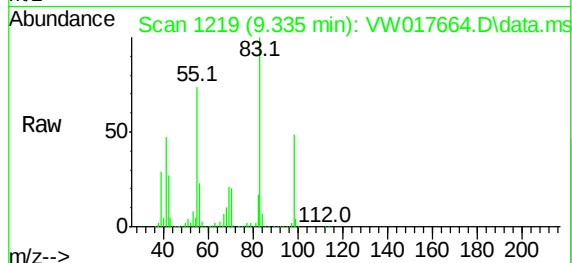
(#120) (-)
Methylcyclohexane
Concen: 46.61 ug/l
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 227797
Ion Ratio Lower Upper
83 100
55 74.4 51.7 77.5
98 49.1 41.0 61.4

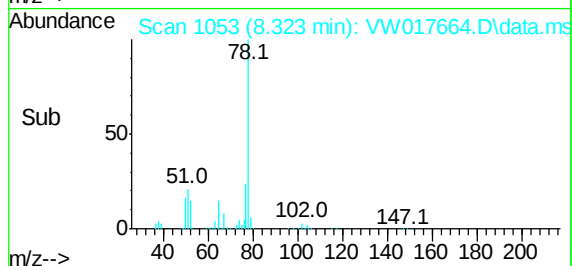
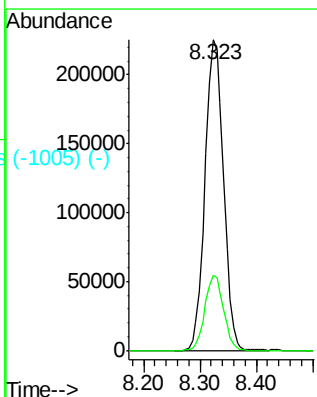
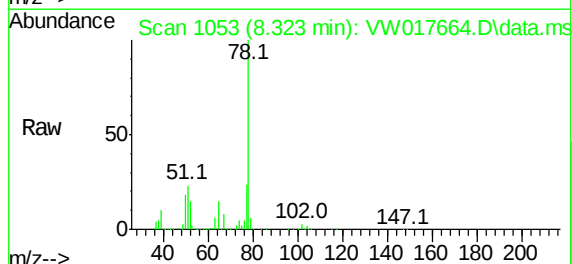
Manual Integrations
APPROVED

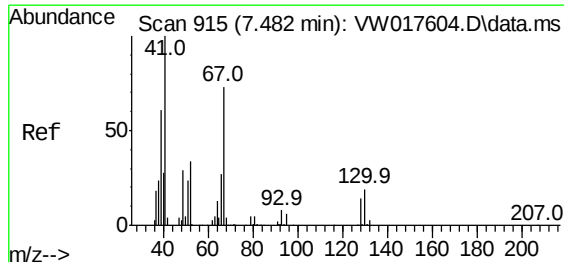
MMDadoda
12/19/2020 12:04:03 PM



(#109) (-)
Benzene
Concen: 49.46 ug/l
RT: 8.323 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36

Tgt Ion: 78 Resp: 505467
Ion Ratio Lower Upper
78 100
77 24.0 18.5 27.7



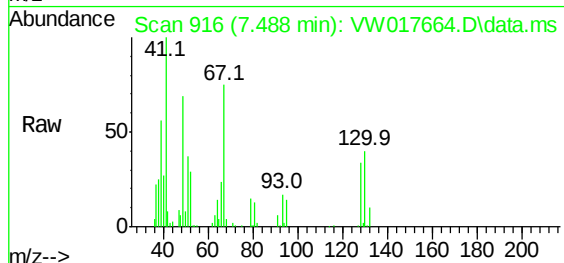


Methacrylonitrile
Concen: 47.58 ug/l
RT: 7.488 min Scan# 916
Delta R.T. 0.006 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36

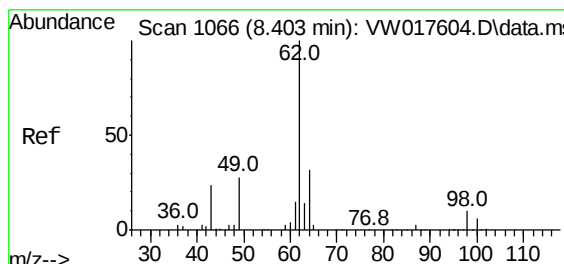
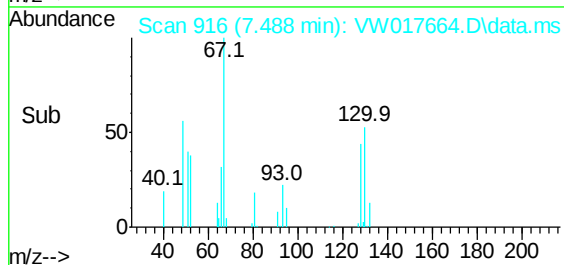
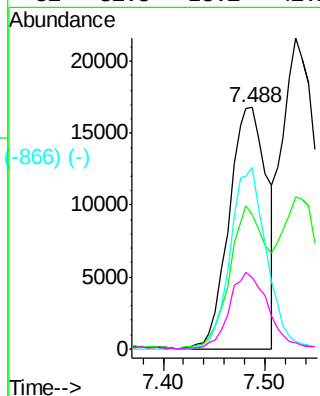
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
12/19/2020 12:04:03 PM

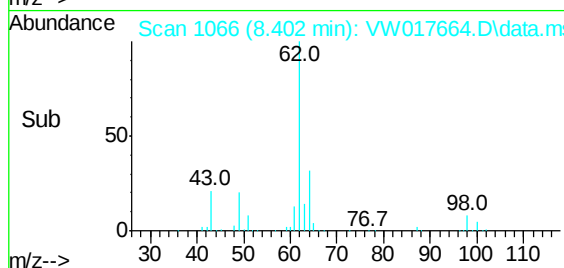
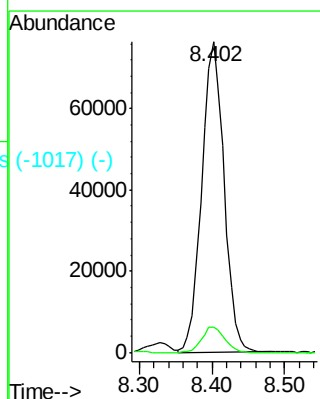
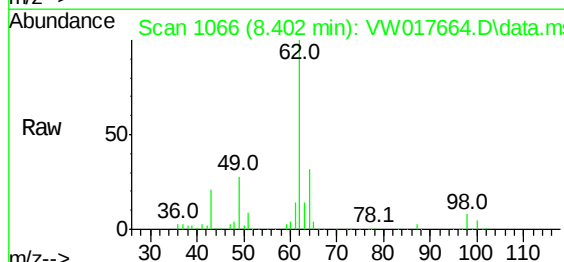


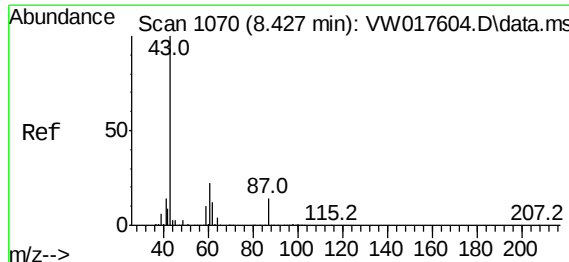
Tgt Ion: 41 Resp: 43333
Ion Ratio Lower Upper
41 100
39 57.4 47.0 70.6
67 72.1 68.6 102.8
52 32.8 28.1 42.1



1,2-Dichloroethane
Concen: 52.55 ug/l
RT: 8.402 min Scan# 1066
Delta R.T. -0.001 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36

Tgt Ion: 62 Resp: 163537
Ion Ratio Lower Upper
62 100
98 8.5 0.0 21.0





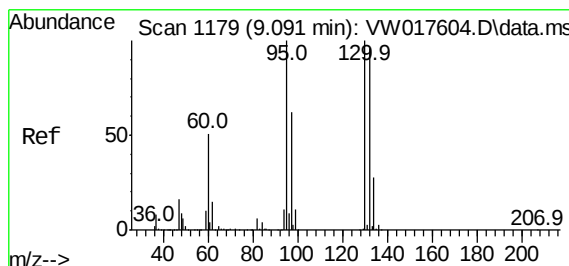
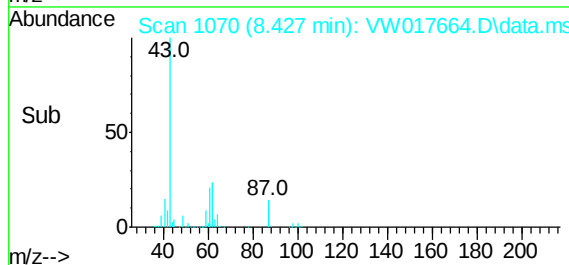
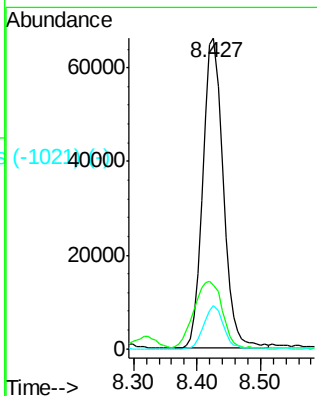
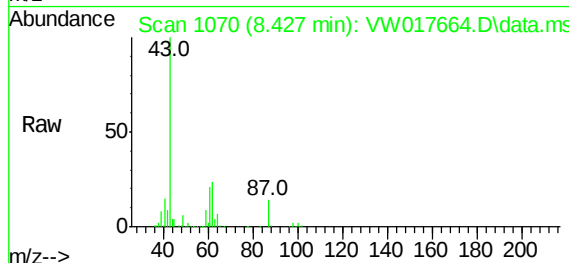
(#1061) (-)
Isopropyl Acetate
Concen: 47.12 ug/l
RT: 8.427 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36

Tgt Ion: 43 Resp: 142516
Ion Ratio Lower Upper
43 100
61 30.3 27.5 41.3
87 13.2 13.6 20.4#

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

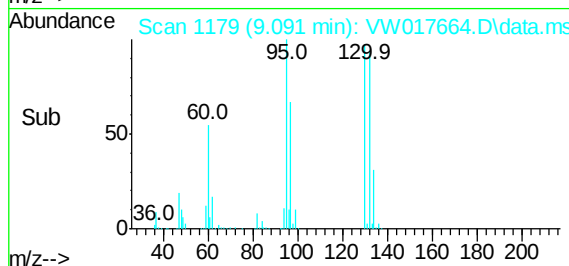
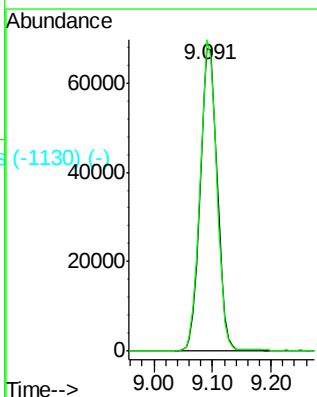
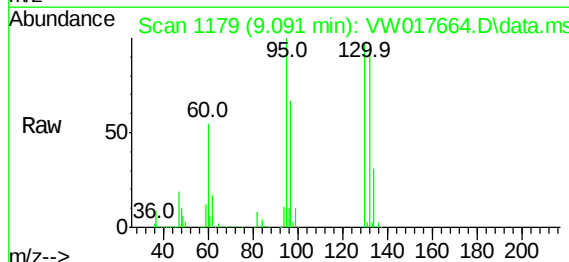
Manual Integrations
APPROVED

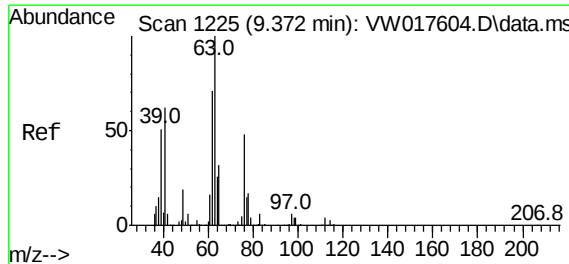
MMDadoda
12/19/2020 12:04:03 PM



(#1169) (-)
Trichloroethene
Concen: 48.66 ug/l
RT: 9.091 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36

Tgt Ion:130 Resp: 137172
Ion Ratio Lower Upper
130 100
95 102.9 0.0 180.2



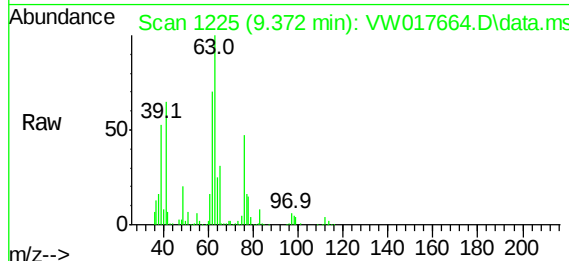


(#113) (-)
1,2-Dichloropropane
Concen: 49.80 ug/l
RT: 9.372 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36

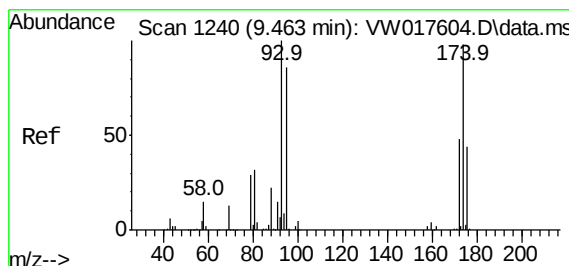
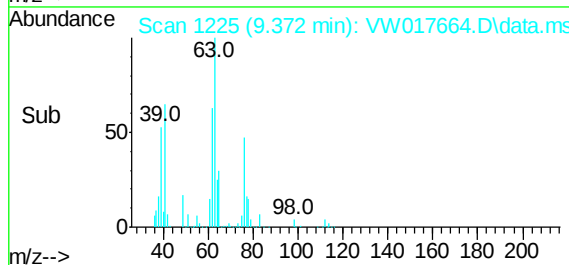
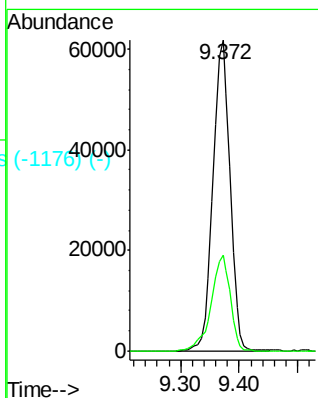
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
12/19/2020 12:04:03 PM

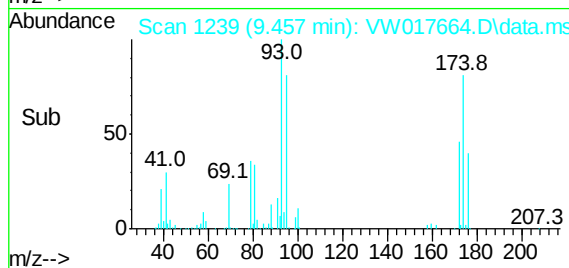
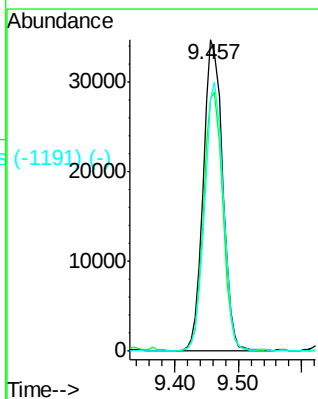
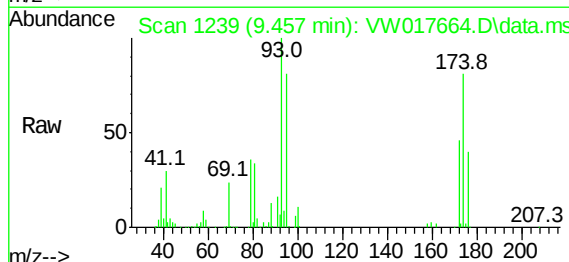


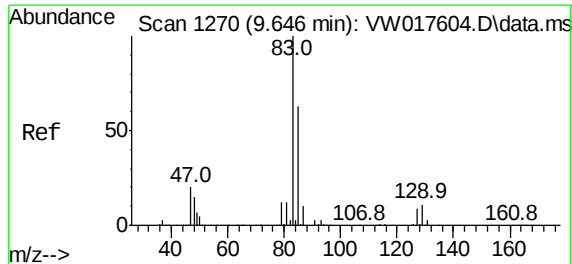
Tgt Ion: 63 Resp: 125597
Ion Ratio Lower Upper
63 100
65 30.8 25.1 37.7



(#112) (-)
Dibromomethane
Concen: 49.59 ug/l
RT: 9.457 min Scan# 1239
Delta R.T. -0.006 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36

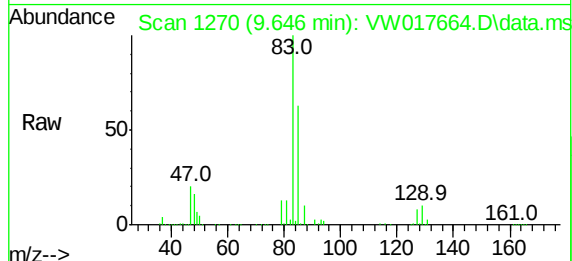
Tgt Ion: 93 Resp: 69970
Ion Ratio Lower Upper
93 100
95 82.4 66.5 99.7
174 83.5 91.0 136.6#





(#1258) (-)
Bromodichloromethane
Concen: 49.68 ug/l
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36

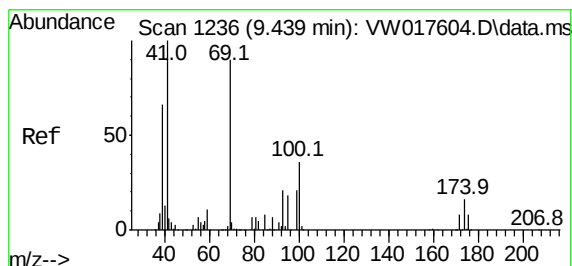
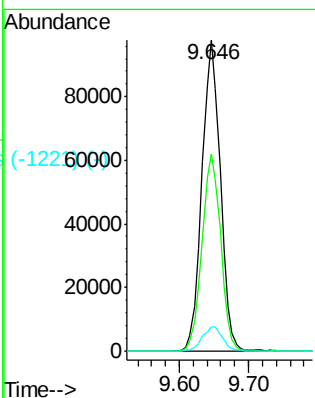
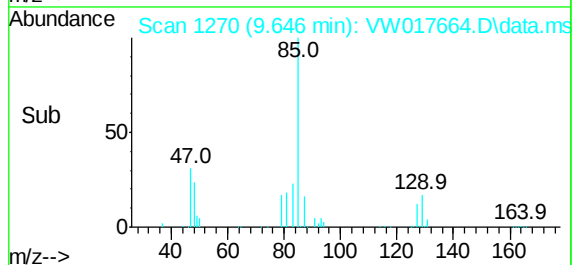
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC



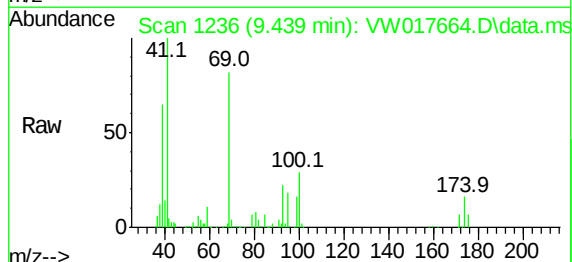
Tgt Ion: 83 Resp: 178660
Ion Ratio Lower Upper
83 100
85 63.2 52.7 79.1
127 7.6 7.8 11.6#

Manual Integrations
APPROVED

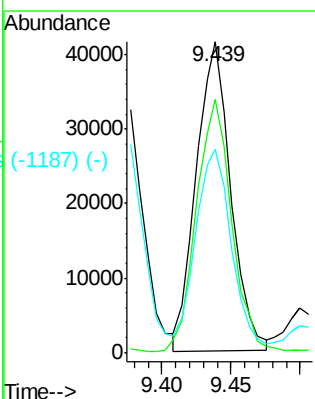
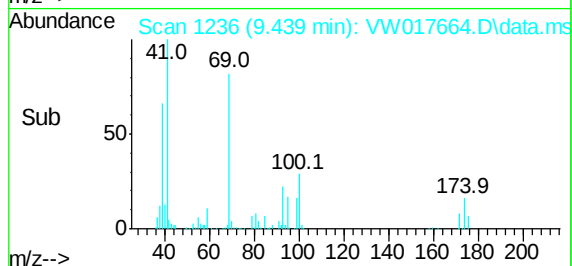
MMDadoda
12/19/2020 12:04:03 PM

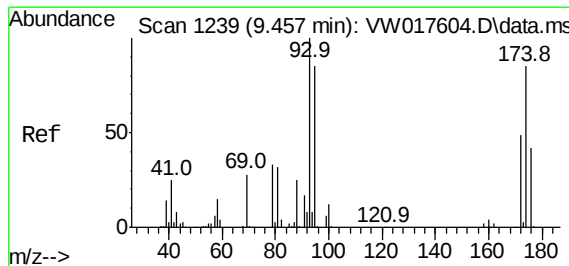


(#1230) (-)
Methyl methacrylate
Concen: 48.54 ug/l
RT: 9.439 min Scan# 1236
Delta R.T. -0.000 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36



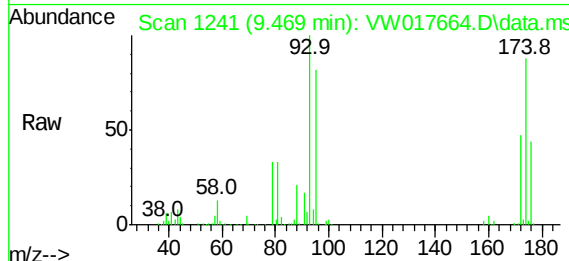
Tgt Ion: 41 Resp: 72041
Ion Ratio Lower Upper
41 100
69 83.9 83.5 125.3
39 62.8 50.9 76.3





#1239 (-)
1,4-Dioxane
Concen: 906.82 ug/l
RT: 9.469 min Scan# 1241
Delta R.T. 0.012 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36

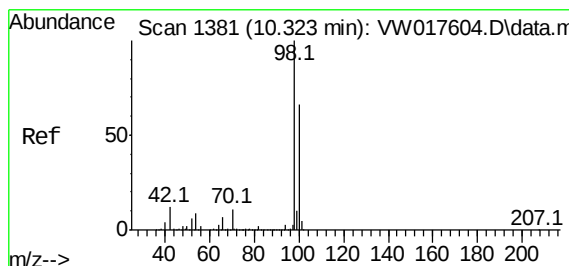
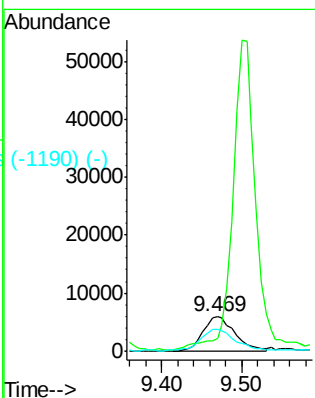
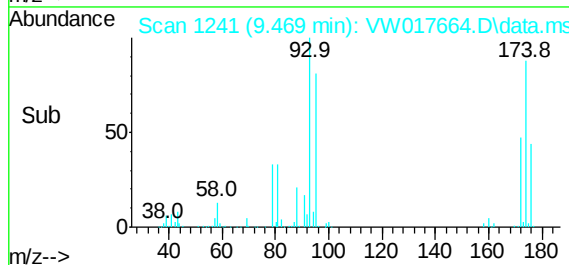
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC



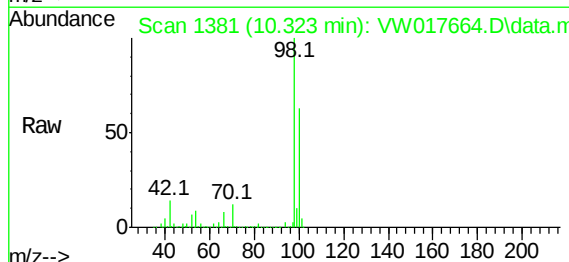
Tgt Ion: 88 Resp: 15828
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 71.2 54.0 81.0

Manual Integrations
APPROVED

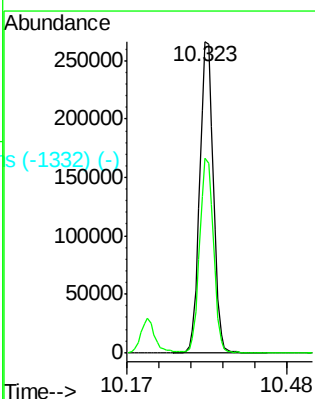
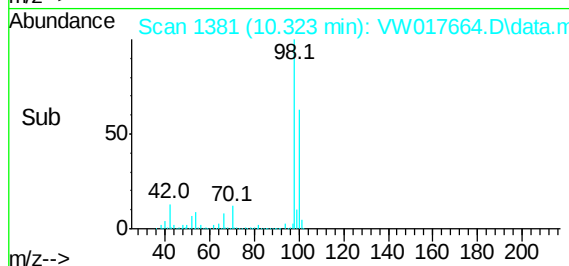
MMDadoda
12/19/2020 12:04:03 PM

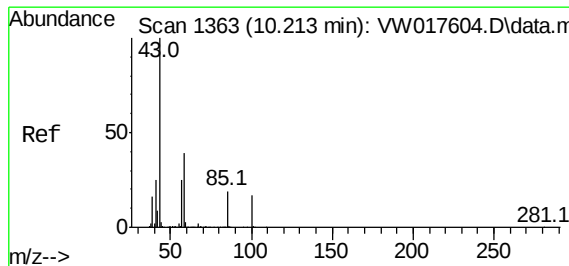


#1381 (-)
Toluene-d8
Concen: 50.37 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36



Tgt Ion: 98 Resp: 478195
Ion Ratio Lower Upper
98 100
100 63.9 53.3 79.9





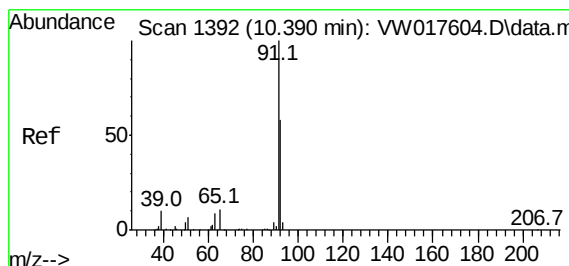
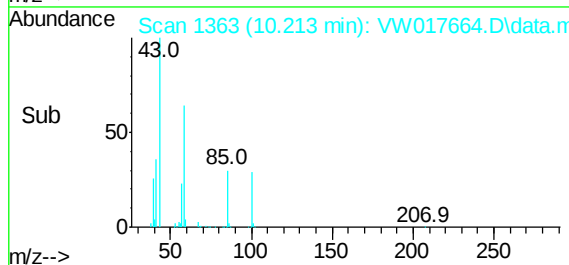
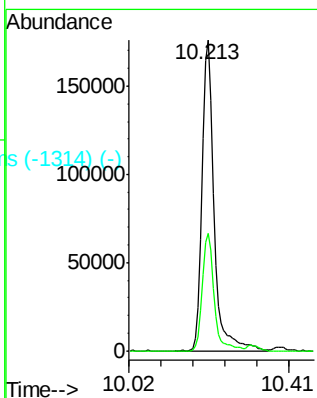
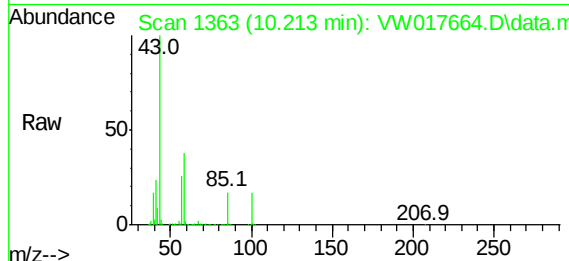
#51853 (-)
4-Methyl-2-Pentanone
Concen: 233.66 ug/l
RT: 10.213 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36

Tgt Ion: 43 Resp: 351759
Ion Ratio Lower Upper
43 100
58 37.1 34.7 52.1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

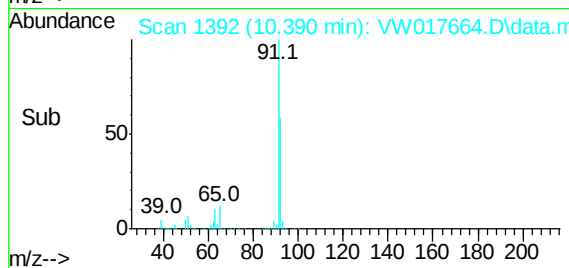
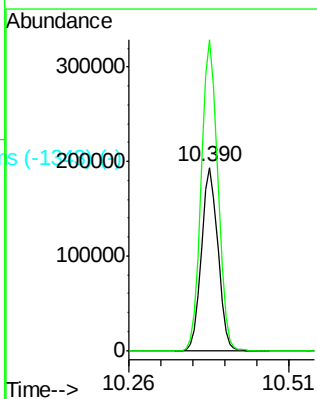
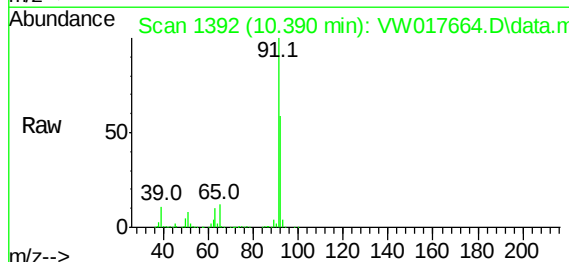
Manual Integrations
APPROVED

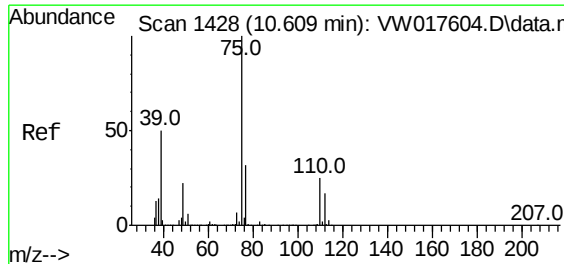
MMDadoda
12/19/2020 12:04:03 PM



#51883 (-)
Toluene
Concen: 49.88 ug/l
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36

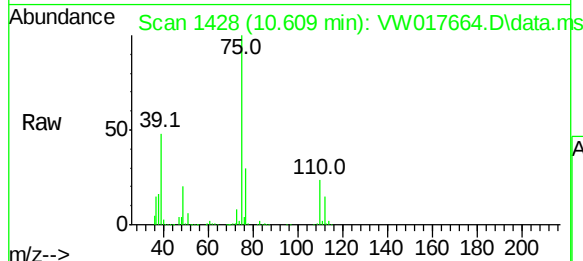
Tgt Ion: 92 Resp: 333369
Ion Ratio Lower Upper
92 100
91 171.5 134.7 202.1





#54
t-1,3-Dichloropropene
Concen: 47.83 ug/l
RT: 10.609 min Scan# 1428
Delta R.T. 0.000 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36

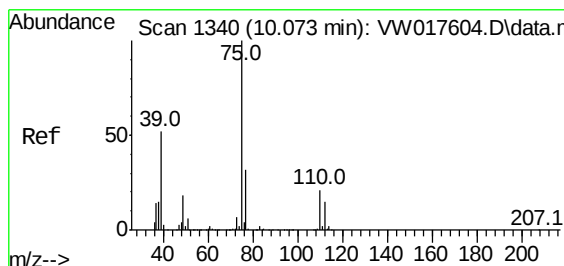
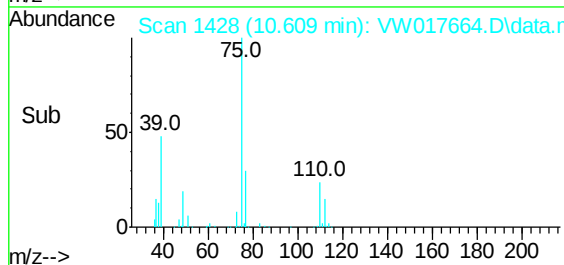
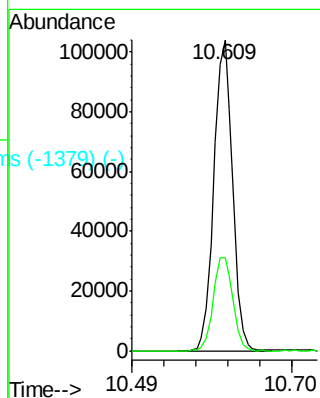
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 176022
Ion Ratio Lower Upper
75 100
77 29.9 24.8 37.2

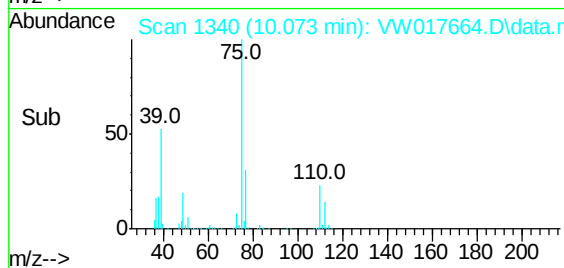
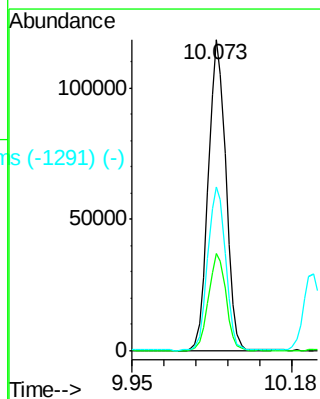
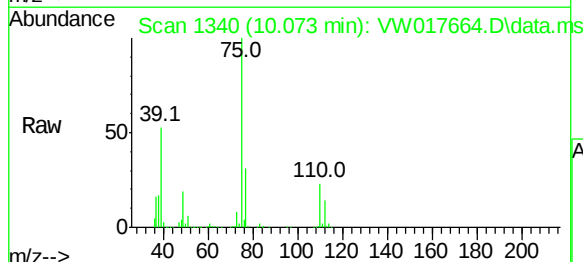
Manual Integrations
APPROVED

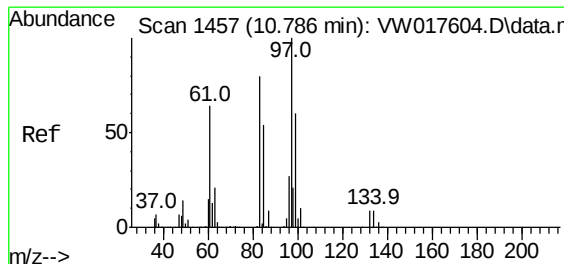
MMDadoda
12/19/2020 12:04:03 PM



#54
cis-1,3-Dichloropropene
Concen: 48.66 ug/l
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36

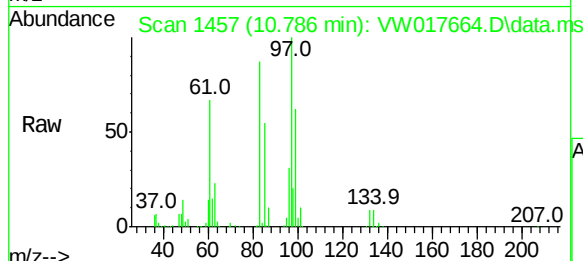
Tgt Ion: 75 Resp: 207114
Ion Ratio Lower Upper
75 100
77 31.2 25.8 38.6
39 52.7 32.9 49.3#



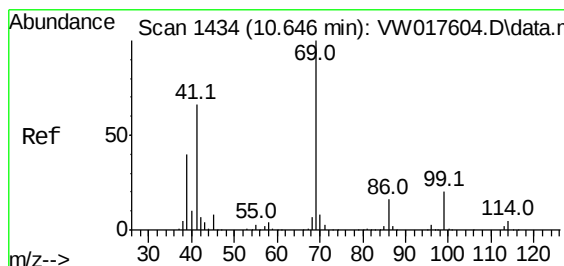
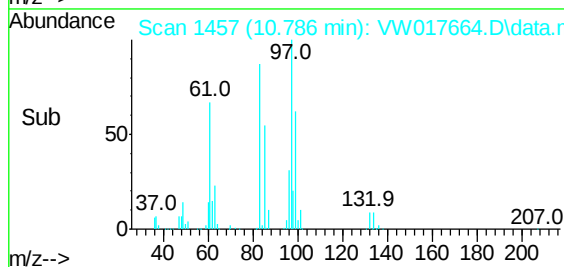
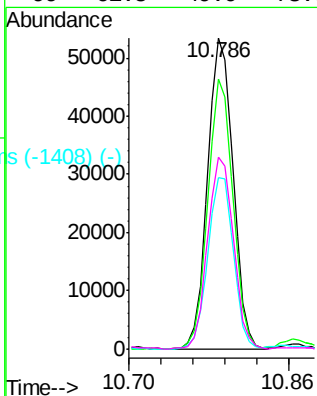


1,1,2-Trichloroethane
Concen: 48.92 ug/l
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36

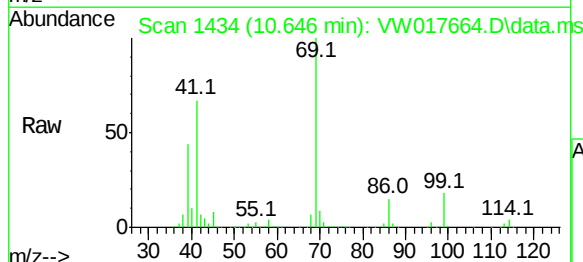
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC



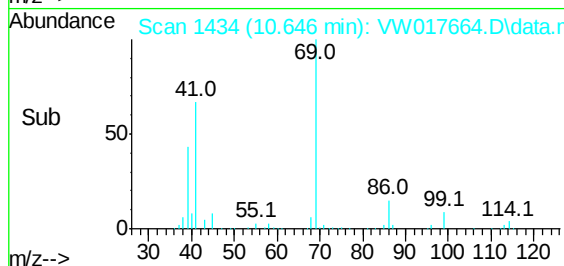
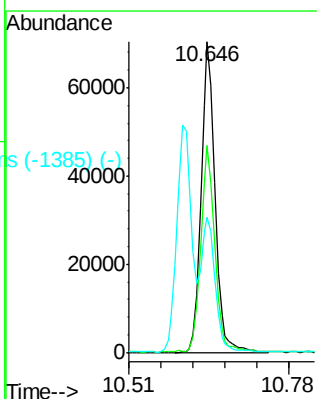
Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.6	64.6	97.0
85	55.3	40.6	61.0
99	61.5	49.0	73.6

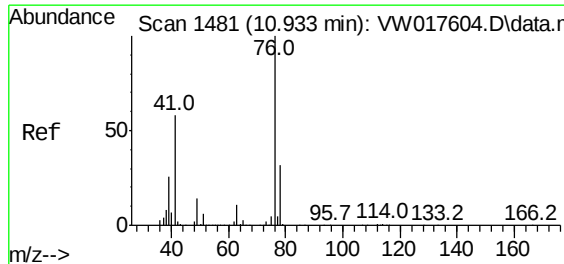


Ethyl methacrylate
Concen: 47.59 ug/l
RT: 10.646 min Scan# 1434
Delta R.T. -0.000 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36



Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.7	46.3	69.5
39	43.7	25.9	38.9#

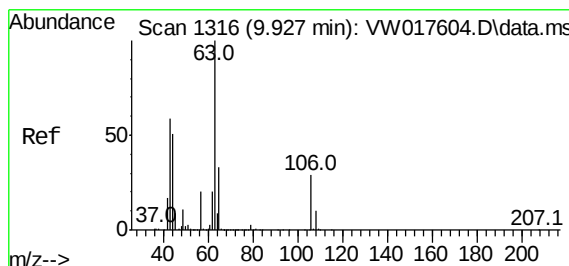
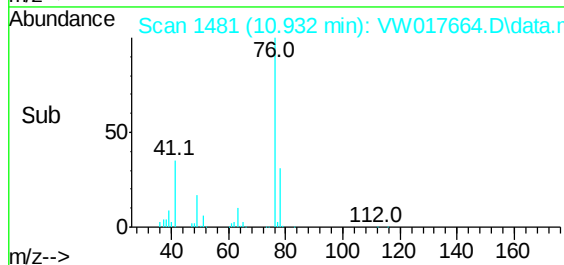
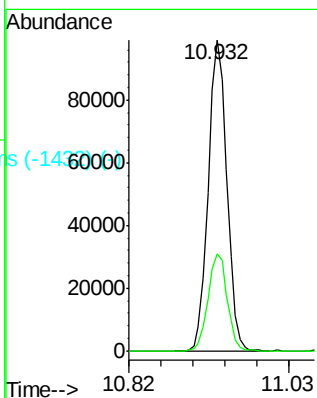
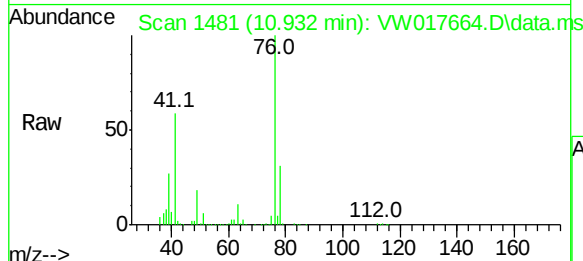




1,3-Dichloropropane
Concen: 50.18 ug/l
RT: 10.932 min Scan# 1481
Delta R.T. -0.001 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36

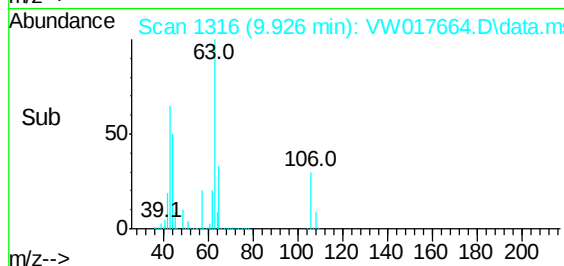
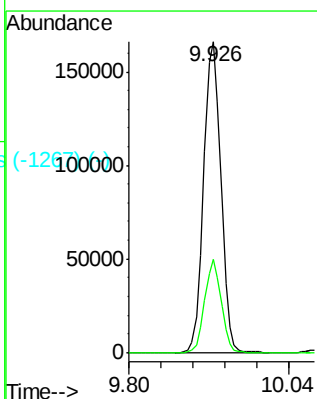
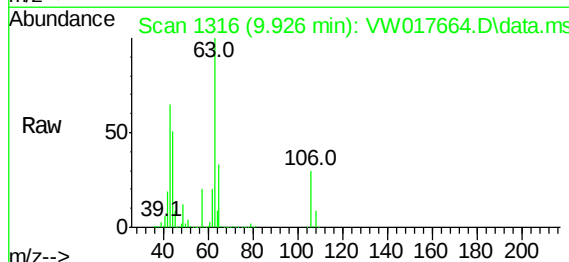
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

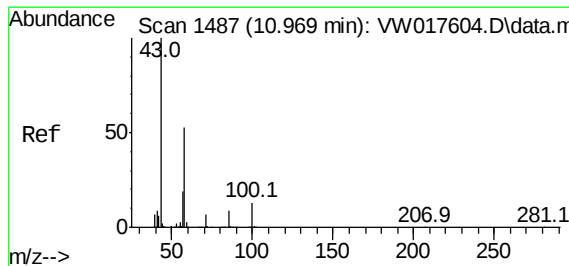
Tgt Ion: 76 Resp: 167284
Ion Ratio Lower Upper
76 100
78 31.9 26.0 39.0



2-Chloroethyl Vinyl ether
Concen: 244.26 ug/l
RT: 9.926 min Scan# 1316
Delta R.T. -0.001 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36

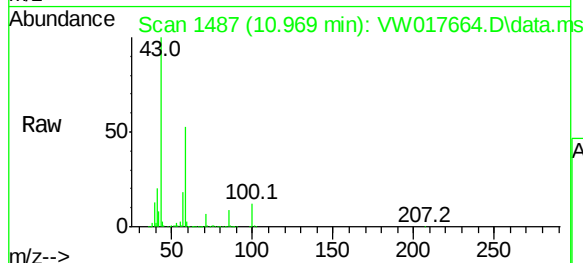
Tgt Ion: 63 Resp: 284683
Ion Ratio Lower Upper
63 100
106 28.6 27.0 40.4





#59
2-Hexanone
Concen: 229.10 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36

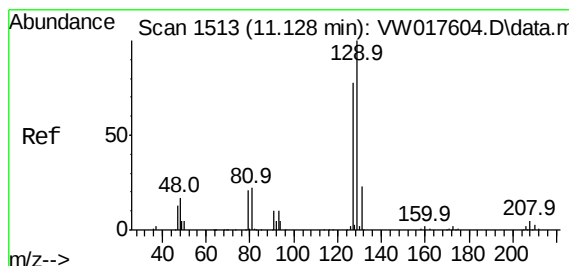
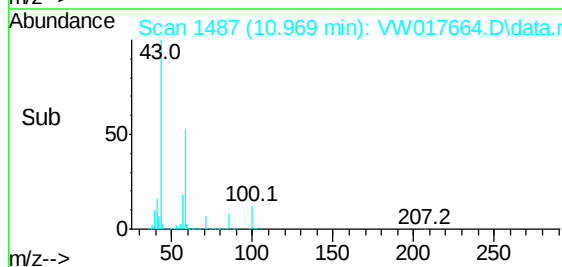
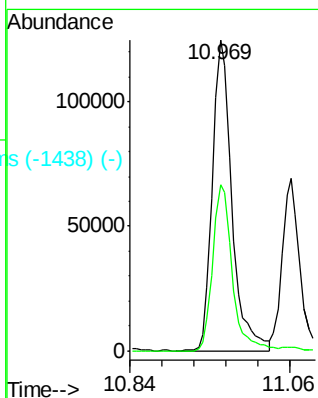
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 230754
Ion Ratio Lower Upper
43 100
58 53.6 29.5 88.5

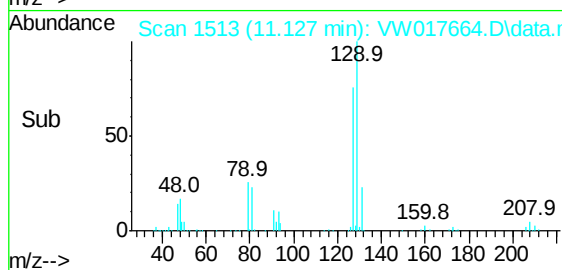
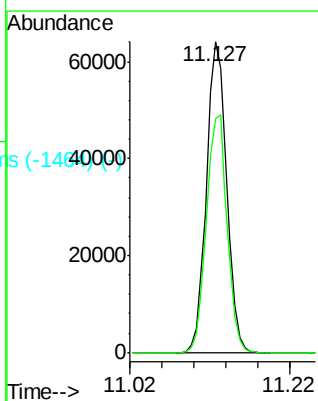
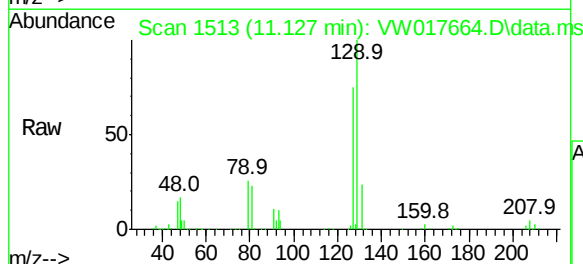
Manual Integrations
APPROVED

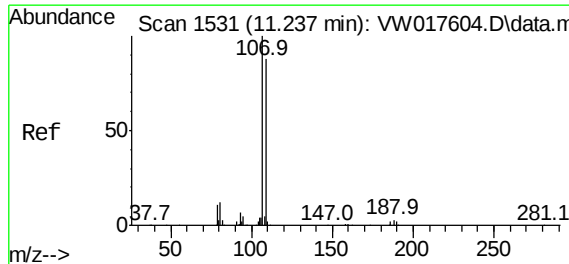
MMDadoda
12/19/2020 12:04:03 PM



#60
Dibromochloromethane
Concen: 47.65 ug/l
RT: 11.127 min Scan# 1513
Delta R.T. -0.001 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36

Tgt Ion: 129 Resp: 112493
Ion Ratio Lower Upper
129 100
127 78.5 38.9 116.6





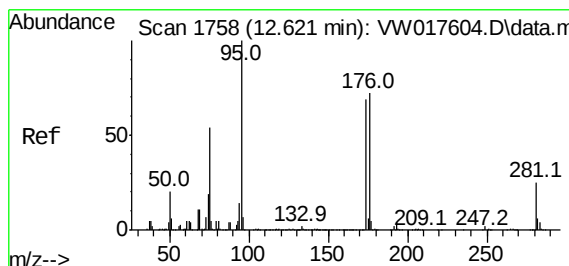
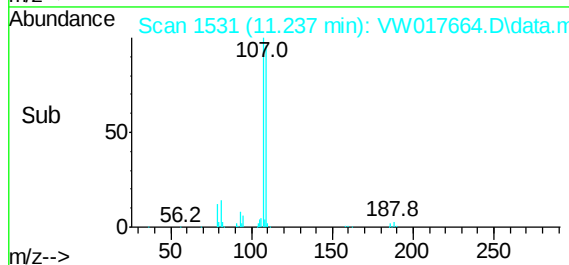
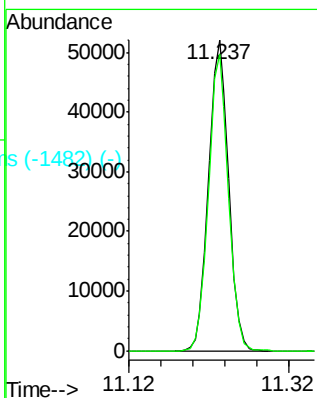
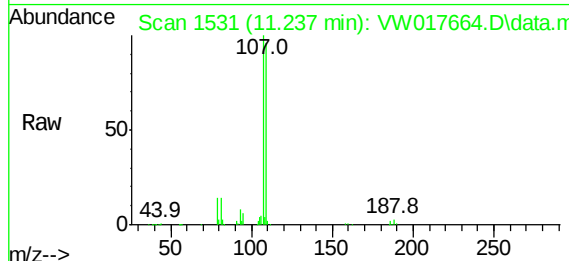
1,2-Dibromoethane
Concen: 48.60 ug/l
RT: 11.237 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36

Tgt Ion: 107 Resp: 90629
Ion Ratio Lower Upper
107 100
109 94.6 74.7 112.1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

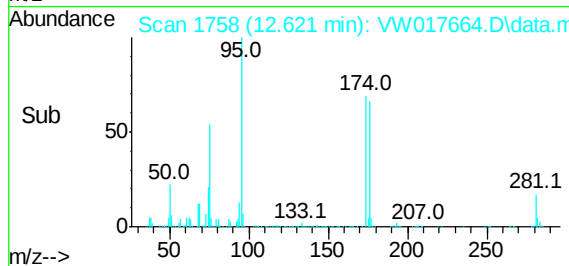
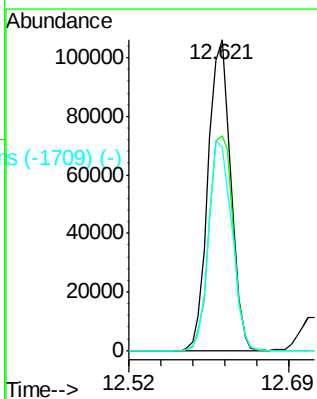
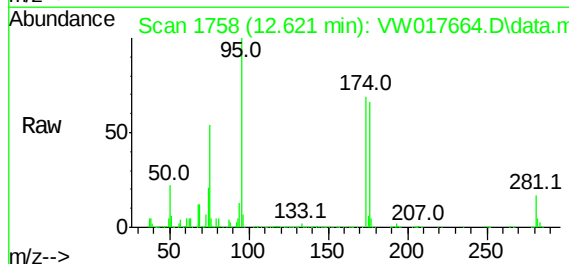
Manual Integrations
APPROVED

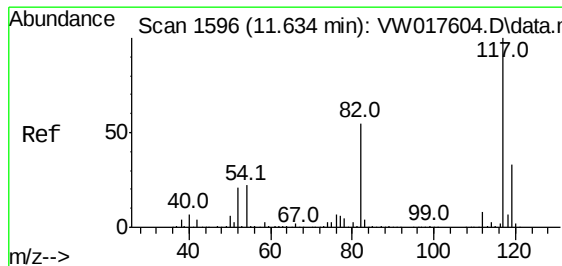
MMDadoda
12/19/2020 12:04:03 PM



4-Bromofluorobenzene
Concen: 50.96 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.000 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36

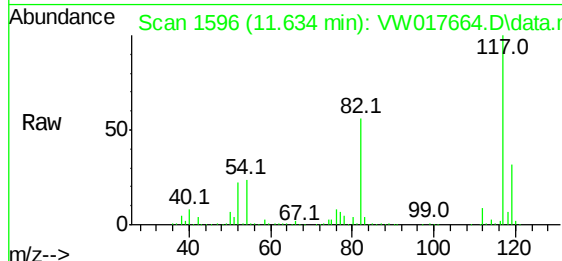
Tgt Ion: 95 Resp: 172732
Ion Ratio Lower Upper
95 100
174 73.5 0.0 180.6
176 69.2 0.0 177.6





#6386 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.001 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36

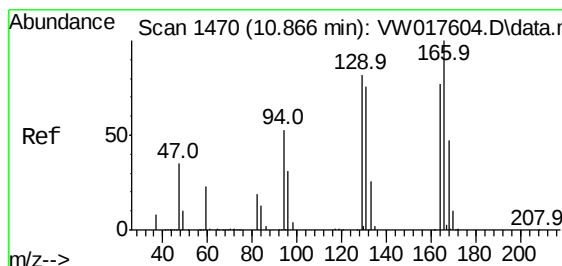
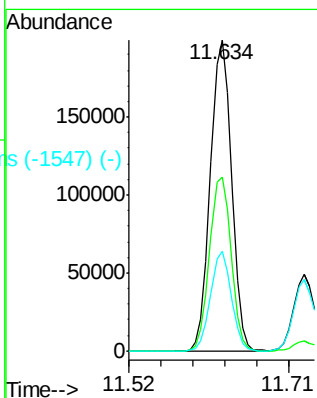
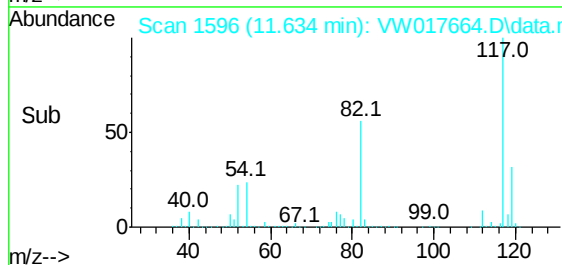
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC



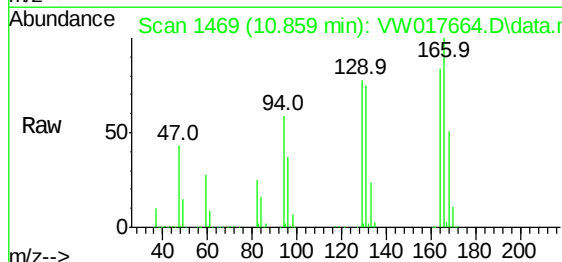
Tgt Ion:117 Resp: 336341
Ion Ratio Lower Upper
117 100
82 55.9 40.7 61.1
119 32.1 25.0 37.4

Manual Integrations
APPROVED

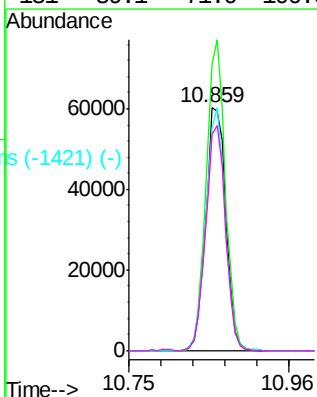
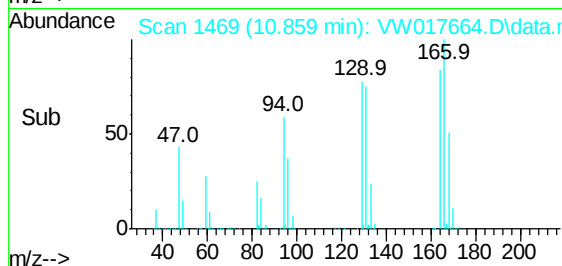
MMDadoda
12/19/2020 12:04:03 PM

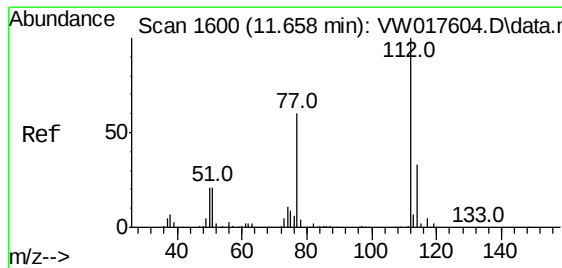


#6461 (-)
Tetrachloroethene
Concen: 47.70 ug/l
RT: 10.859 min Scan# 1469
Delta R.T. -0.007 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36



Tgt Ion:164 Resp: 109407
Ion Ratio Lower Upper
164 100
166 118.4 105.3 157.9
129 91.9 68.8 103.2
131 89.1 71.0 106.6





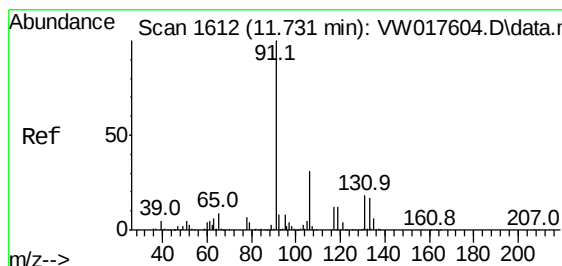
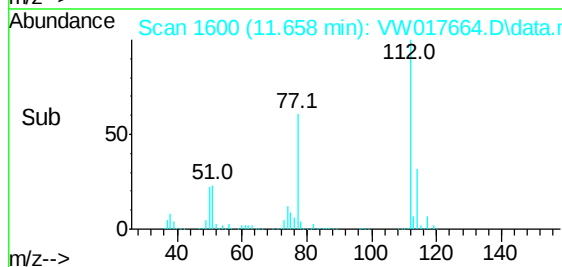
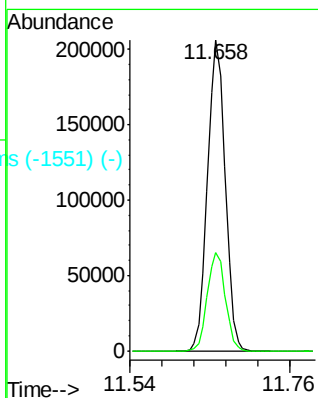
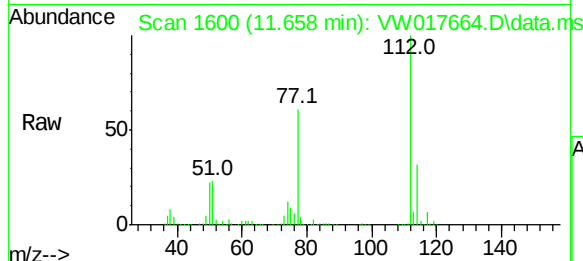
#65
Chlorobenzene
Concen: 48.04 ug/l
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 347437
Ion Ratio Lower Upper
112 100
114 31.6 25.3 37.9

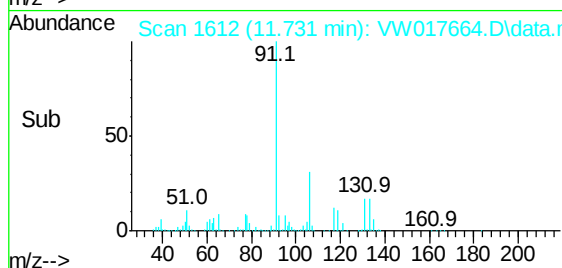
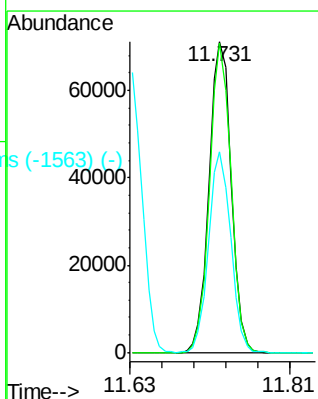
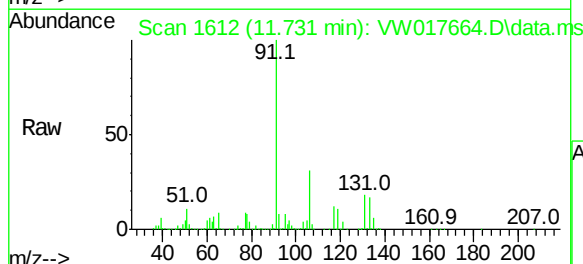
Manual Integrations
APPROVED

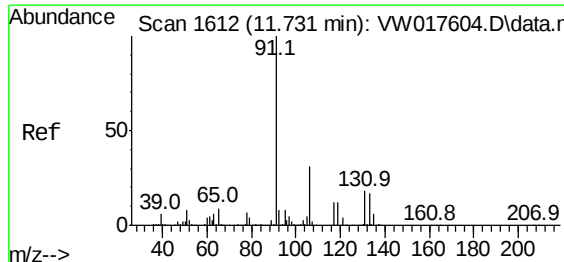
MMDadoda
12/19/2020 12:04:03 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 47.58 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36

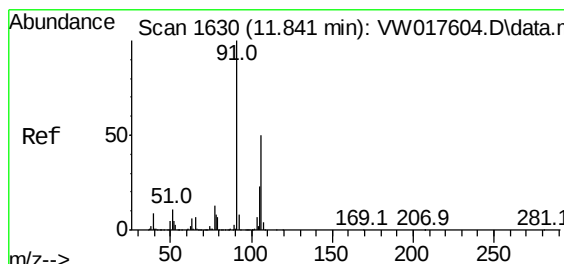
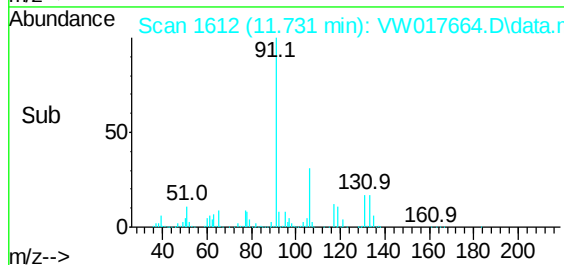
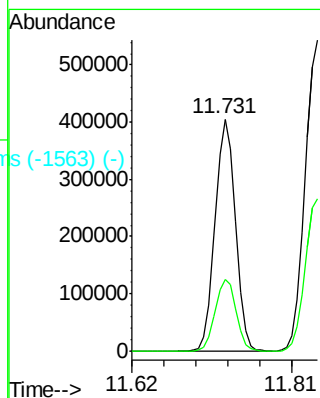
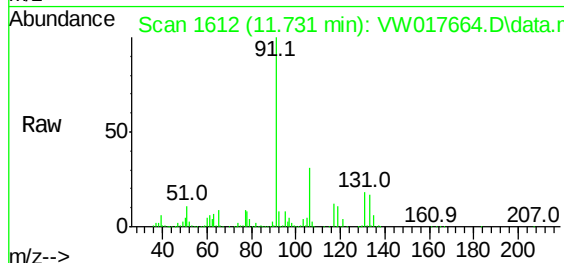
Tgt Ion:131 Resp: 122061
Ion Ratio Lower Upper
131 100
133 96.6 48.1 144.3
119 64.8 32.5 97.4





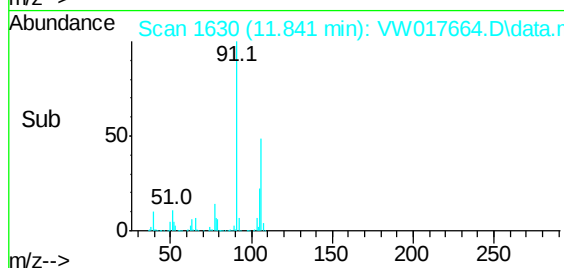
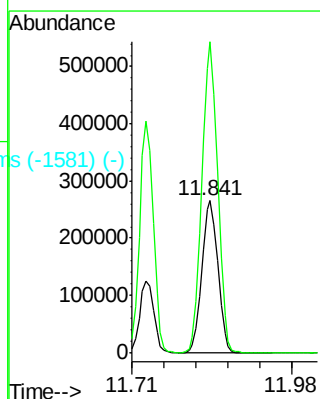
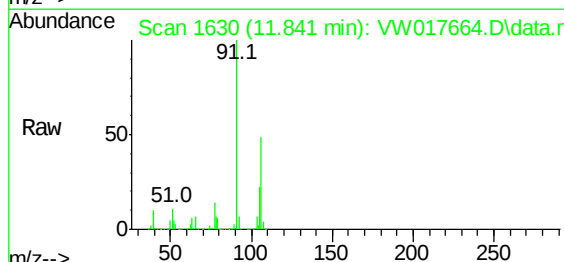
#67
Ethyl Benzene
Concen: 48.70 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36

Tgt Ion: 91 Resp: 654352
Ion Ratio Lower Upper
91 100
106 31.0 25.9 38.9



#68
m/p-Xylenes
Concen: 97.67 ug/l
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36

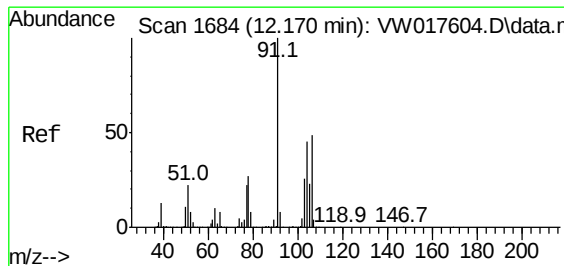
Tgt Ion: 106 Resp: 500373
Ion Ratio Lower Upper
106 100
91 202.5 157.4 236.0



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
12/19/2020 12:04:03 PM

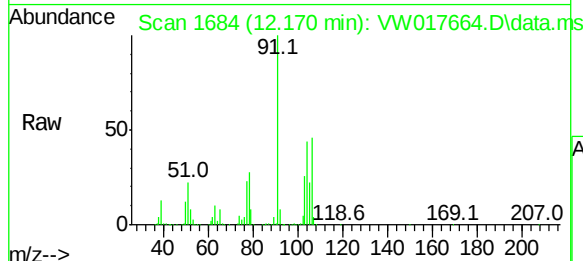


#6875 (-)
o-Xylene
Concen: 48.41 ug/l
RT: 12.170 min Scan# 1684
Delta R.T. -0.000 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36

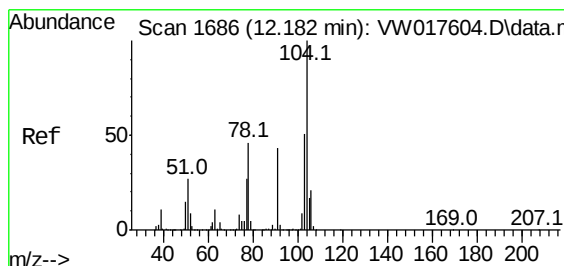
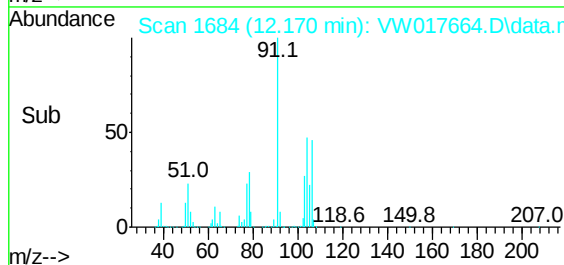
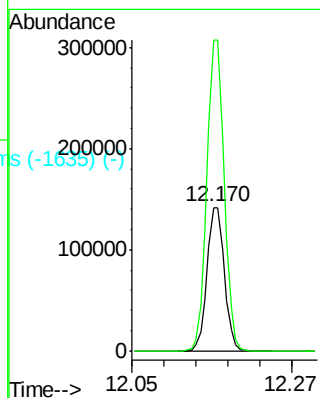
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
12/19/2020 12:04:03 PM

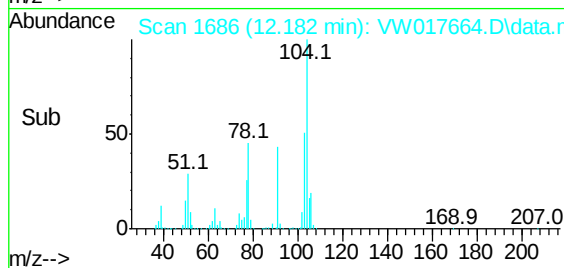
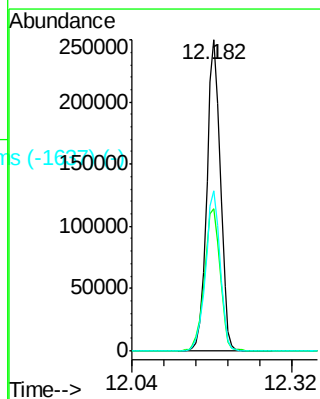
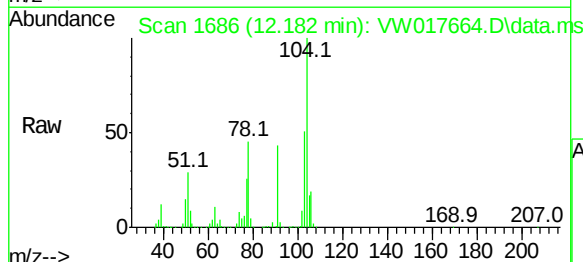


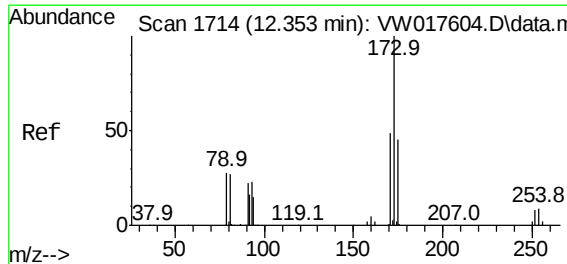
Tgt Ion:106 Resp: 233896
Ion Ratio Lower Upper
106 100
91 217.3 103.6 310.9



#7076 (-)
Styrene
Concen: 49.34 ug/l
RT: 12.182 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36

Tgt Ion:104 Resp: 398130
Ion Ratio Lower Upper
104 100
78 52.5 37.6 56.4
103 55.0 43.6 65.4





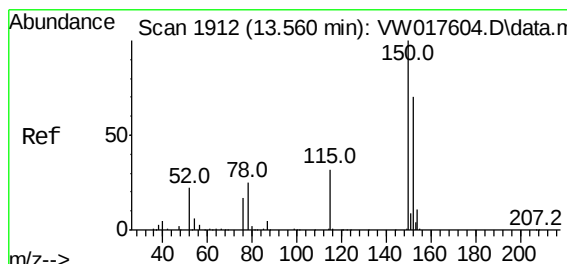
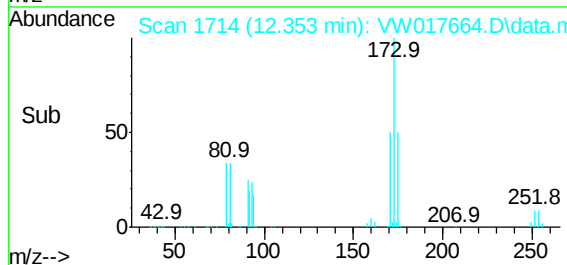
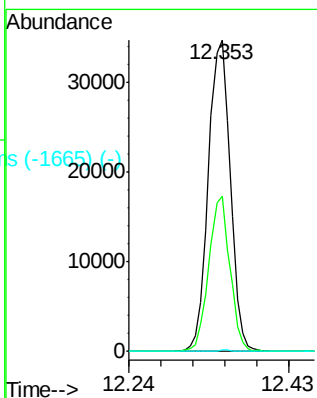
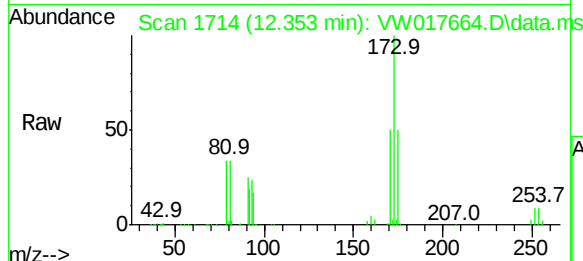
Bromoform
Concen: 43.89 ug/l
RT: 12.353 min Scan# 1714
Delta R.T. -0.000 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36

Tgt Ion:173 Resp: 60184
Ion Ratio Lower Upper
173 100
175 47.6 24.7 74.1
254 0.1 0.1 0.1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

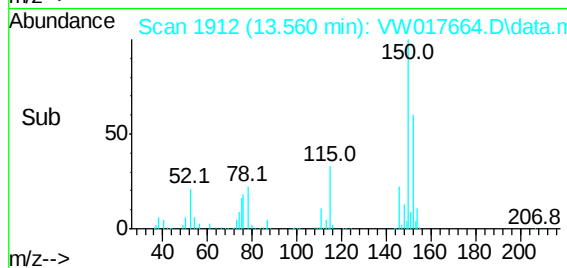
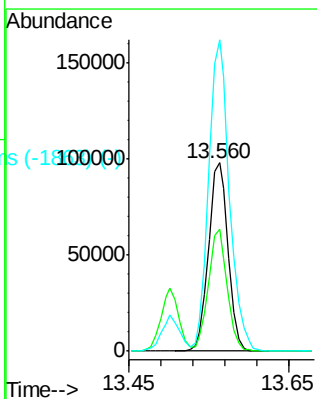
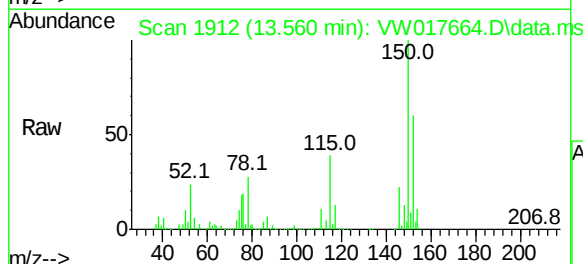
Manual Integrations
APPROVED

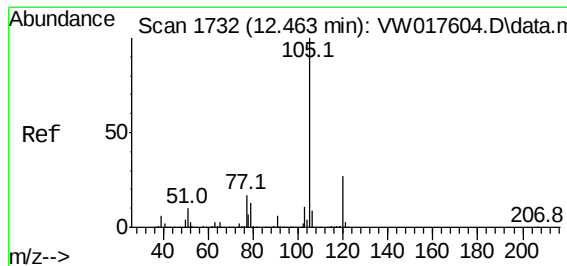
MMDadoda
12/19/2020 12:04:03 PM



1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36

Tgt Ion:152 Resp: 164386
Ion Ratio Lower Upper
152 100
115 62.2 27.9 83.7
150 177.1 0.0 344.0



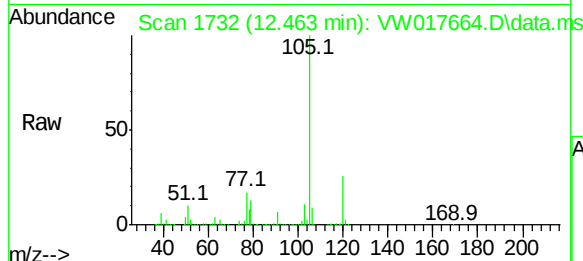


#7324 (-)
Isopropylbenzene
Concen: 50.06 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36

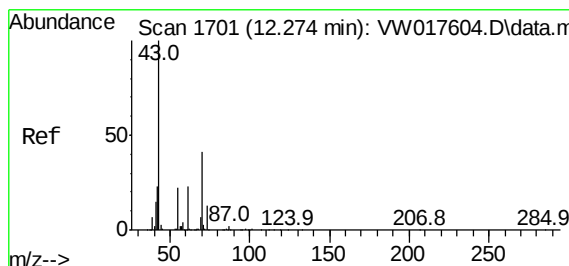
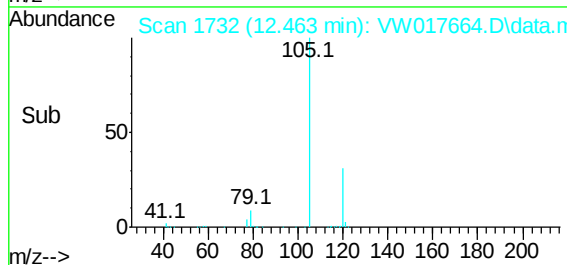
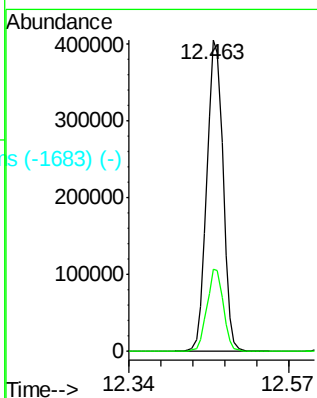
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
12/19/2020 12:04:03 PM

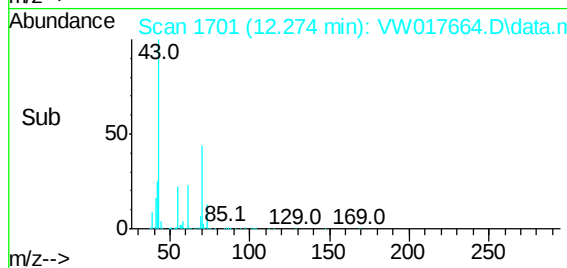
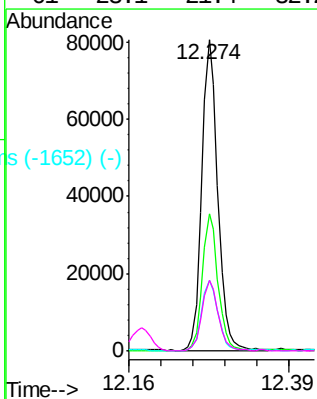
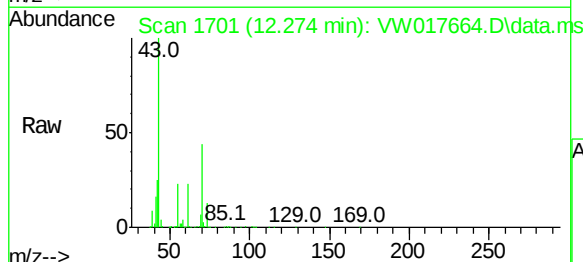


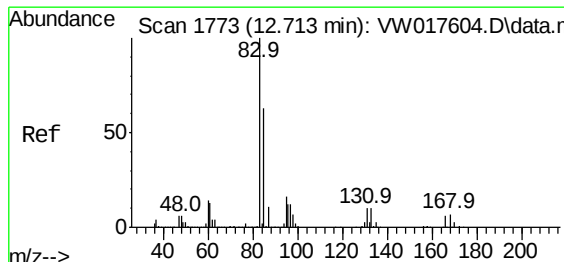
Tgt Ion:105 Resp: 650729
Ion Ratio Lower Upper
105 100
120 26.1 13.6 40.7



#7191 (-)
N-ethyl acetate
Concen: 46.89 ug/l
RT: 12.274 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36

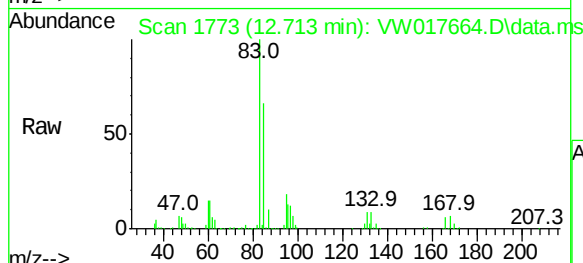
Tgt Ion: 43 Resp: 127820
Ion Ratio Lower Upper
43 100
70 43.0 40.2 60.4
55 23.9 21.4 32.0
61 23.1 21.4 32.2





#7564 (-)
1,1,2,2-Tetrachloroethane
Concen: 49.18 ug/l
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36

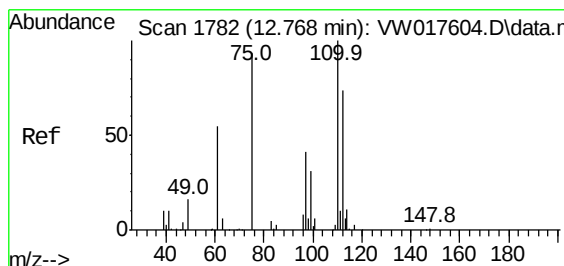
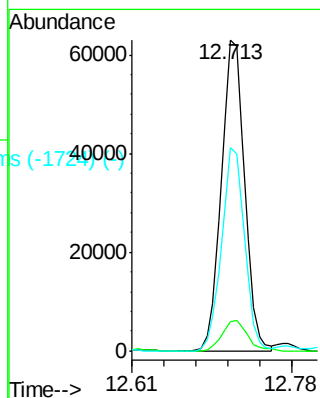
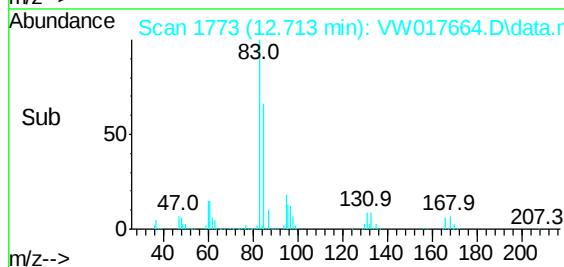
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC



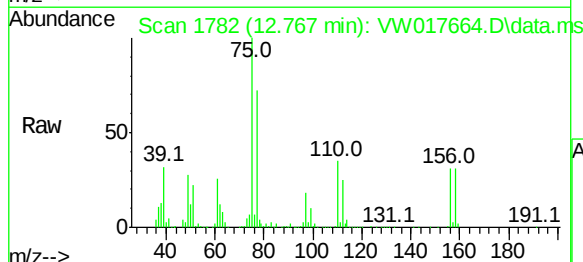
Tgt Ion: 83 Resp: 106639
Ion Ratio Lower Upper
83 100
131 10.5 6.1 18.3
85 64.6 32.7 98.1

Manual Integrations
APPROVED

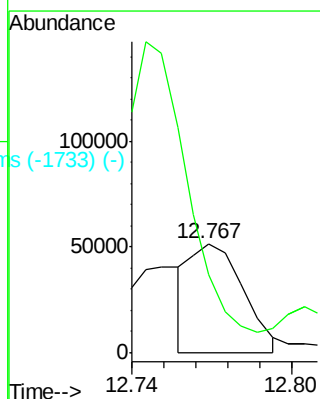
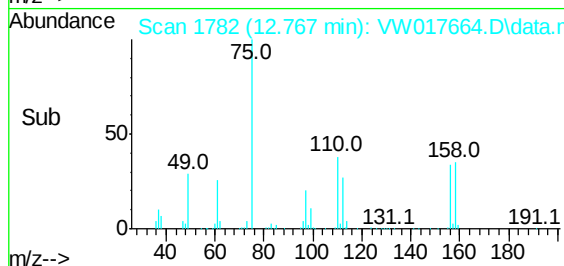
MMDadoda
12/19/2020 12:04:03 PM

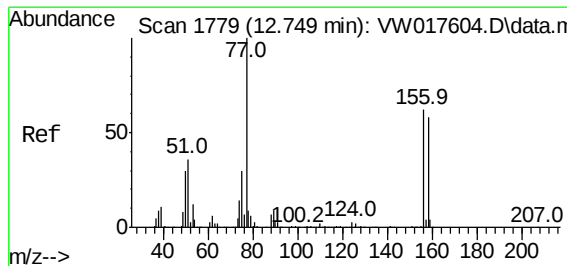


#7580 (-)
1,2,3-Trichloropropane
Concen: 46.23 ug/l m
RT: 12.767 min Scan# 1782
Delta R.T. -0.001 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36



Tgt Ion: 75 Resp: 73159
Ion Ratio Lower Upper
75 100
77 0.0 178.8 536.3#





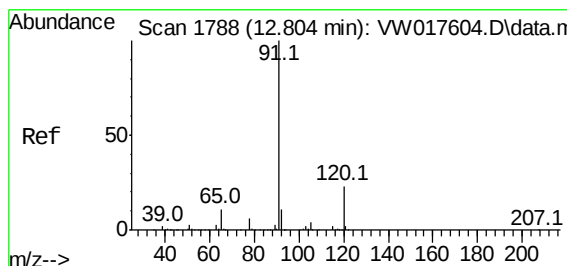
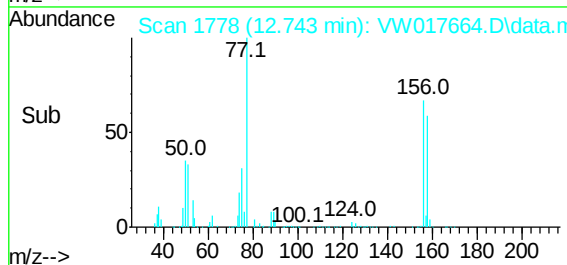
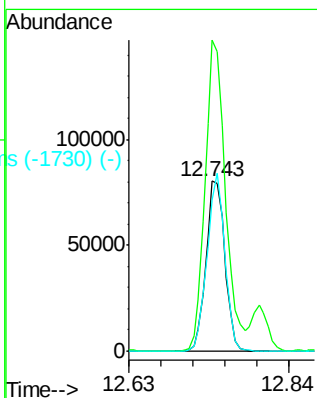
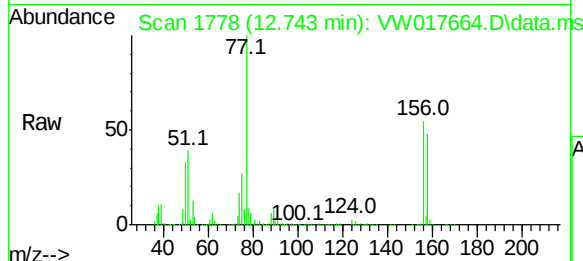
#1779 (-)
Bromobenzene
Concen: 49.26 ug/l
RT: 12.743 min Scan# 1778
Delta R.T. -0.006 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 137124
Ion Ratio Lower Upper
156 100
77 197.6 79.0 237.2
158 98.0 47.0 141.2

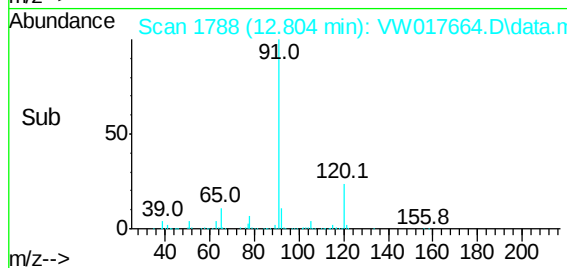
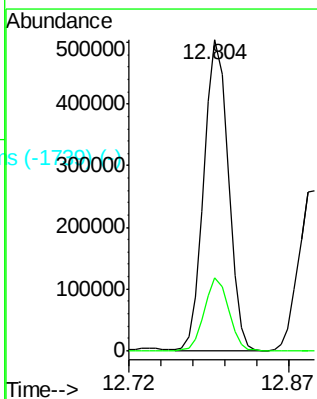
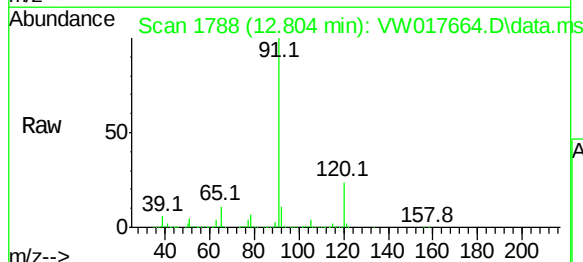
Manual Integrations
APPROVED

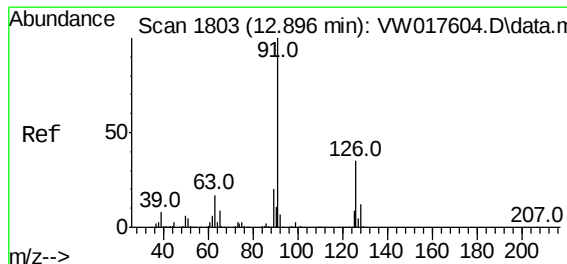
MMDadoda
12/19/2020 12:04:03 PM



#1782 (-)
n-propylbenzene
Concen: 50.74 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. 0.000 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36

Tgt Ion: 91 Resp: 783142
Ion Ratio Lower Upper
91 100
120 23.0 12.0 36.1





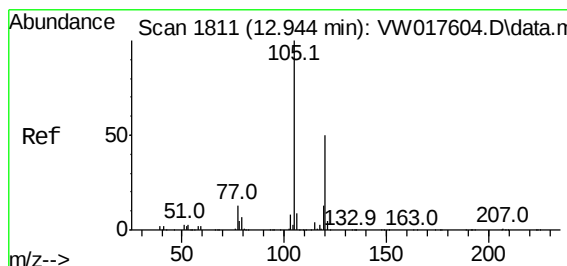
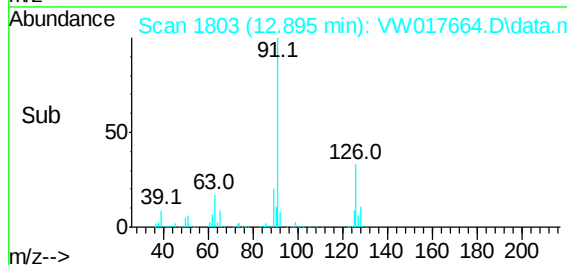
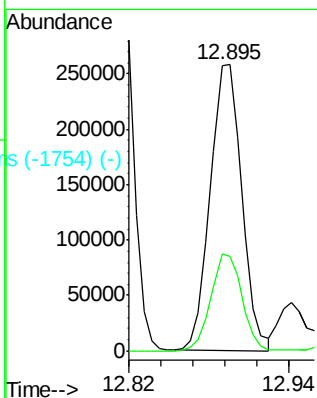
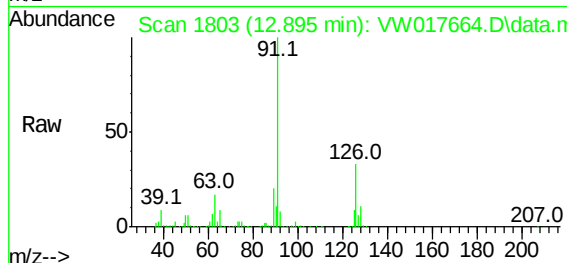
2-Chlorotoluene
Concen: 50.89 ug/l
RT: 12.895 min Scan# 1803
Delta R.T. -0.001 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 437868
Ion Ratio Lower Upper
91 100
126 32.9 17.9 53.8

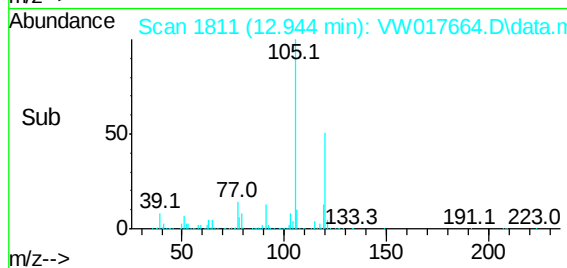
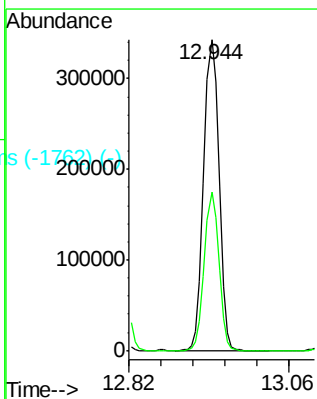
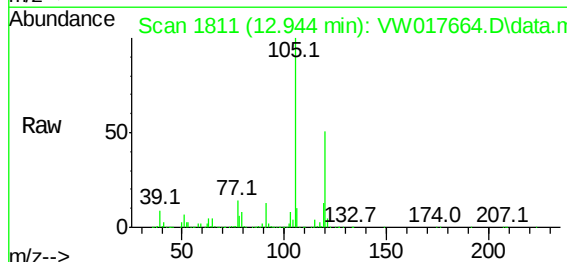
Manual Integrations
APPROVED

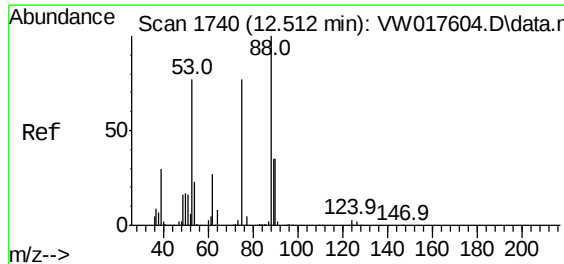
MMDadoda
12/19/2020 12:04:03 PM



1,3,5-Trimethylbenzene
Concen: 49.93 ug/l
RT: 12.944 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36

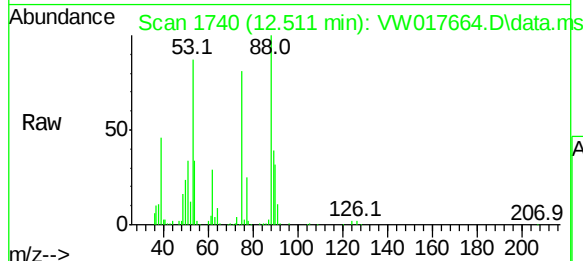
Tgt Ion: 105 Resp: 549306
Ion Ratio Lower Upper
105 100
120 48.5 24.9 74.8





#81736 (-)
trans-1,4-Dichloro-2-butene
Concen: 40.98 ug/l
RT: 12.511 min Scan# 1740
Delta R.T. -0.001 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36

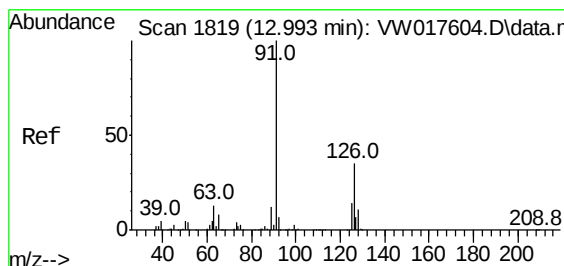
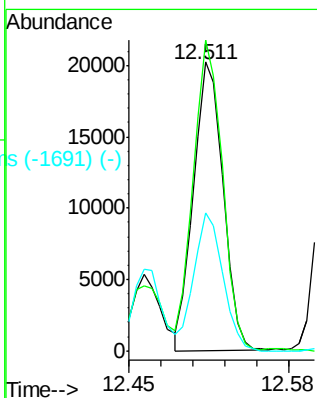
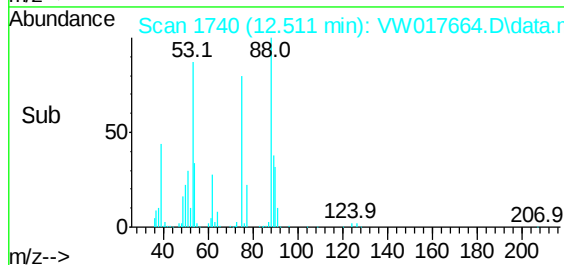
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 32003
Ion Ratio Lower Upper
75 100
53 105.5 77.0 115.4
89 47.0 38.7 58.1

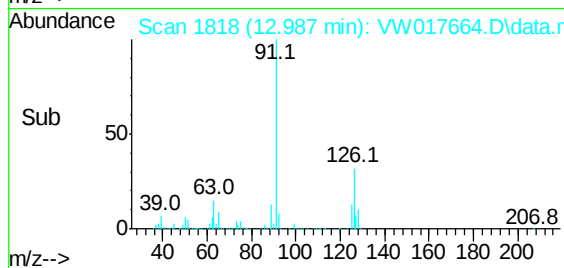
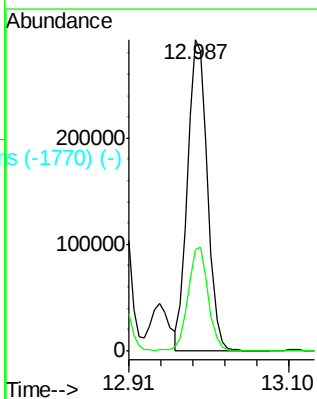
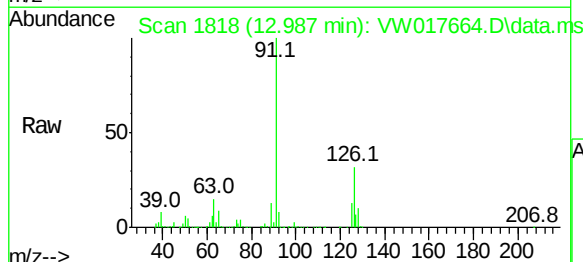
Manual Integrations
APPROVED

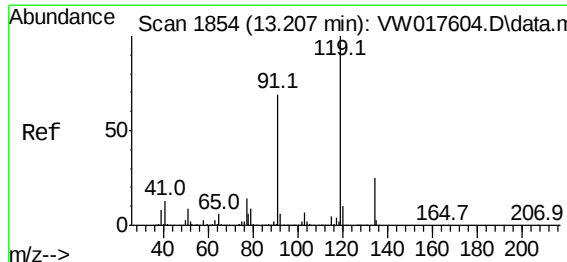
MMDadoda
12/19/2020 12:04:03 PM



#81736 (-)
4-Chlorotoluene
Concen: 51.50 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. -0.006 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36

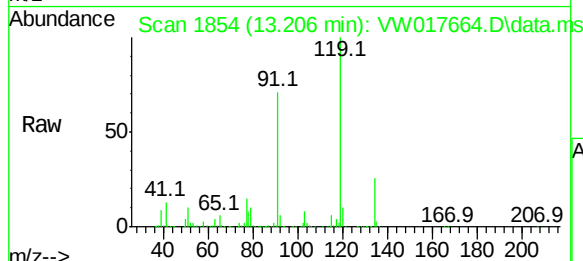
Tgt Ion: 91 Resp: 467663
Ion Ratio Lower Upper
91 100
126 33.4 18.1 54.3





#8345 (-)
tert-Butylbenzene
Concen: 50.45 ug/l
RT: 13.206 min Scan# 1854
Delta R.T. -0.001 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36

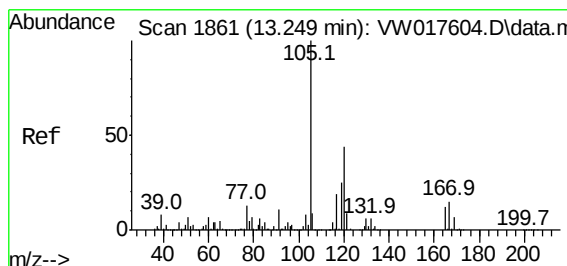
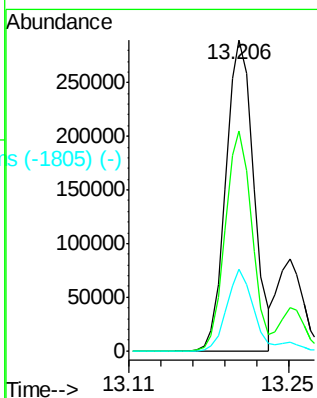
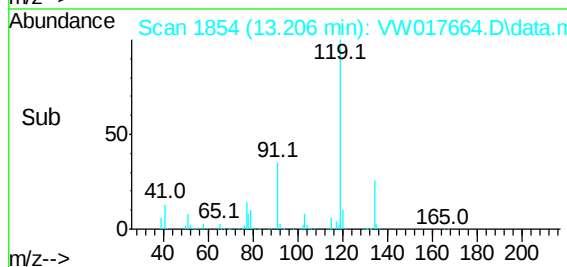
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC



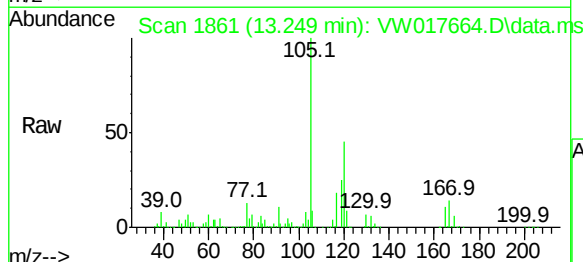
Tgt Ion:119 Resp: 474619
Ion Ratio Lower Upper
119 100
91 68.0 31.3 93.9
134 24.9 14.0 42.0

Manual Integrations
APPROVED

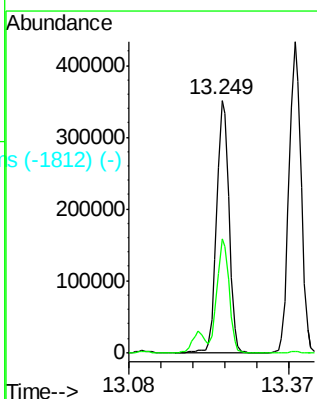
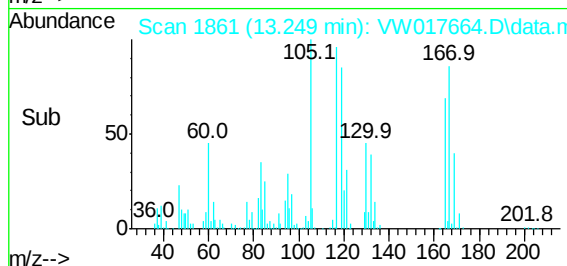
MMDadoda
12/19/2020 12:04:03 PM

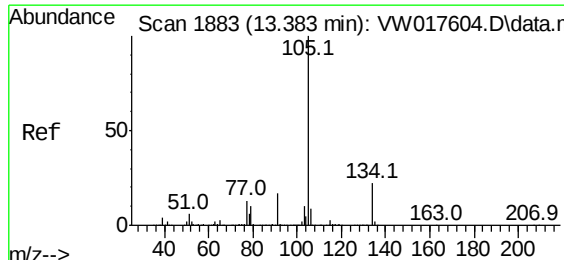


#8348 (-)
1,2,4-Trimethylbenzene
Concen: 50.96 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36



Tgt Ion:105 Resp: 552181
Ion Ratio Lower Upper
105 100
120 44.1 23.4 70.0





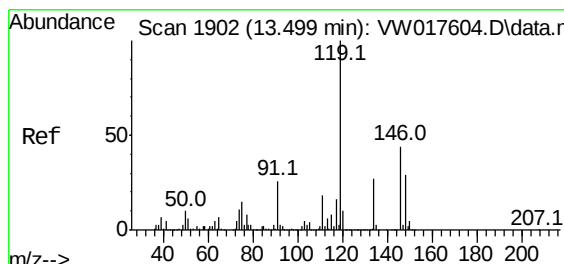
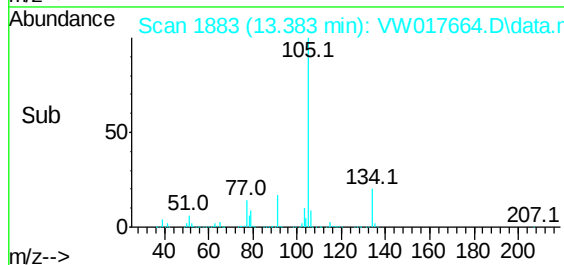
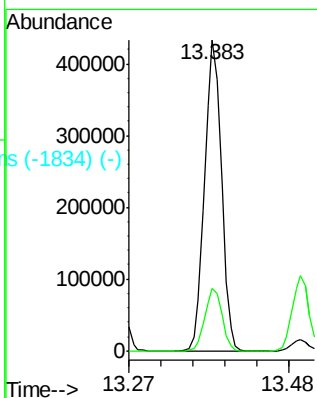
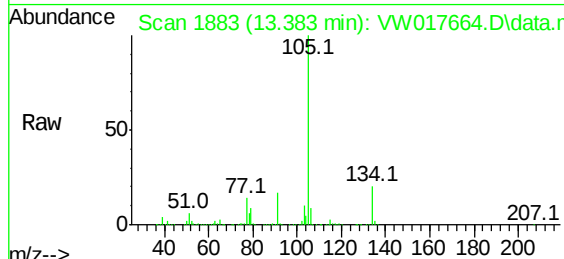
#85
sec-Butylbenzene
Concen: 50.10 ug/l
RT: 13.383 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36

Tgt Ion:105 Resp: 661977
Ion Ratio Lower Upper
105 100
134 20.2 10.6 31.8

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

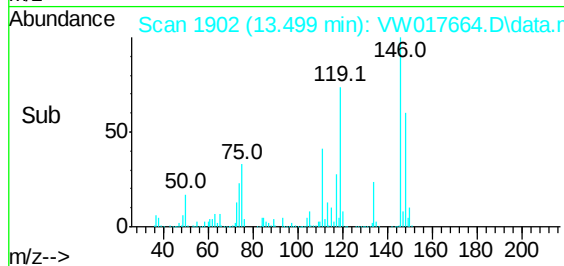
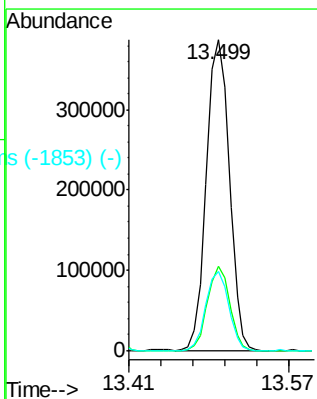
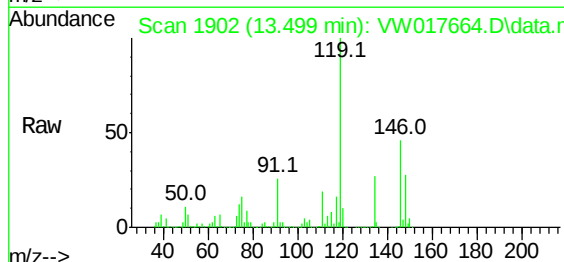
Manual Integrations
APPROVED

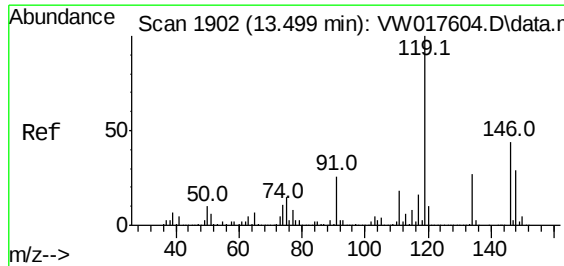
MMDadoda
12/19/2020 12:04:03 PM



#86
p-Isopropyltoluene
Concen: 50.63 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36

Tgt Ion:119 Resp: 603876
Ion Ratio Lower Upper
119 100
134 26.3 13.8 41.3
91 25.4 11.3 33.9





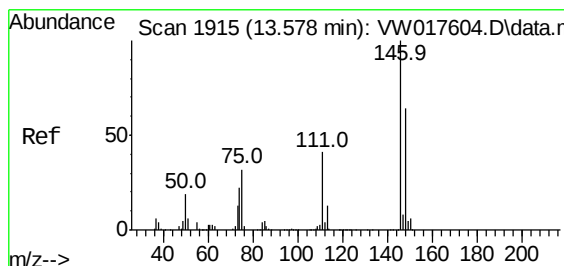
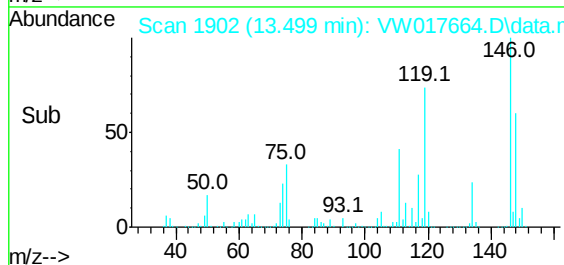
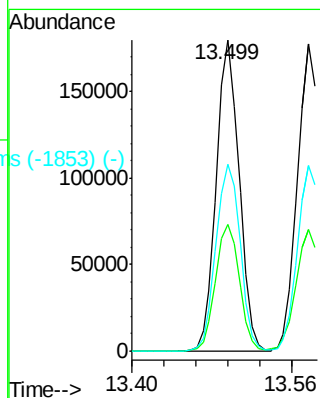
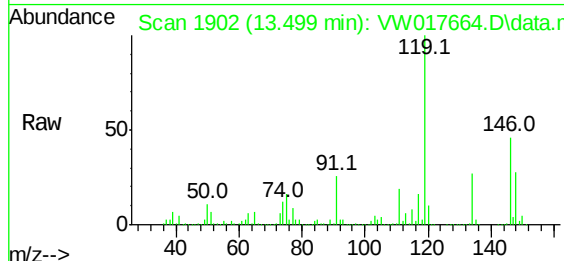
#1894 (-)
1,3-Dichlorobenzene
Concen: 50.35 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 279354
Ion Ratio Lower Upper
146 100
111 42.3 19.1 57.5
148 63.5 32.5 97.4

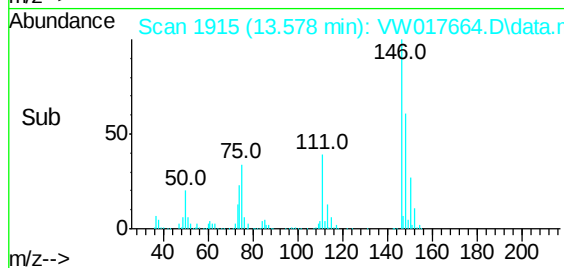
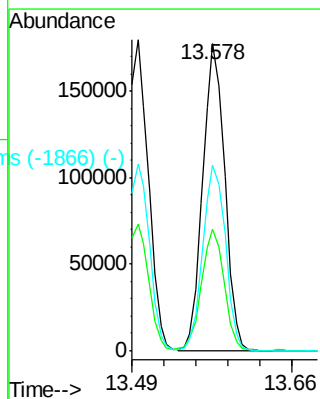
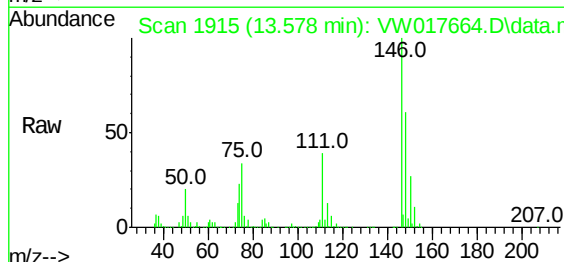
Manual Integrations
APPROVED

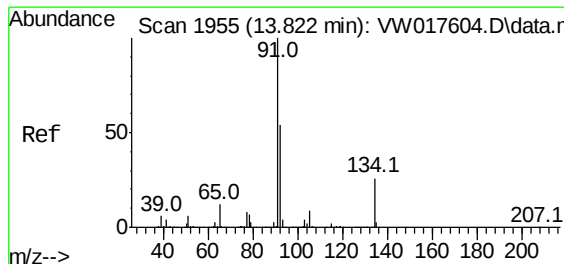
MMDadoda
12/19/2020 12:04:03 PM



#1909 (-)
1,4-Dichlorobenzene
Concen: 50.94 ug/l
RT: 13.578 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36

Tgt Ion:146 Resp: 280587
Ion Ratio Lower Upper
146 100
111 40.6 18.5 55.5
148 62.4 31.8 95.4





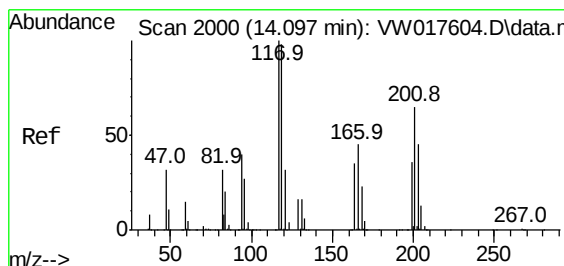
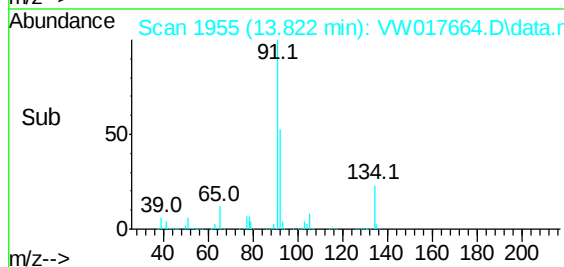
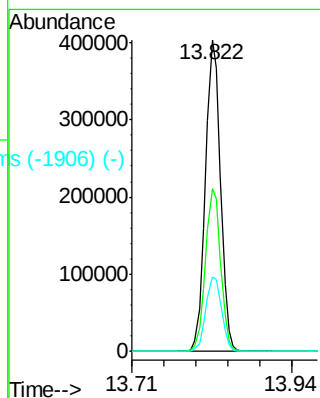
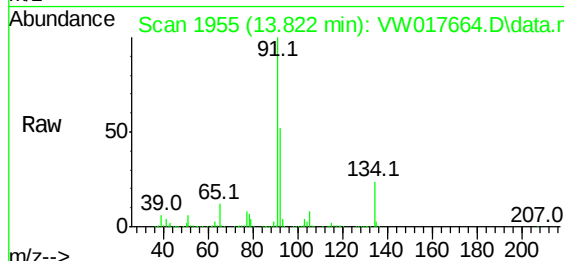
#99 (-)
n-Butylbenzene
Concen: 51.31 ug/l
RT: 13.822 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36

Tgt Ion:	91	Resp:	601464
Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.6	79.7
134	24.7	14.3	42.9

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

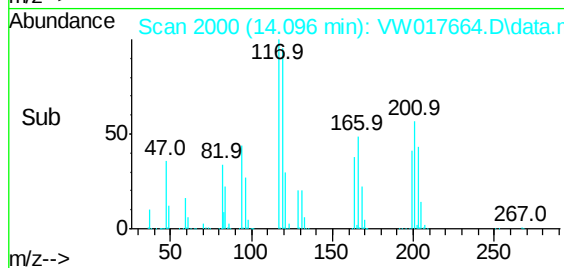
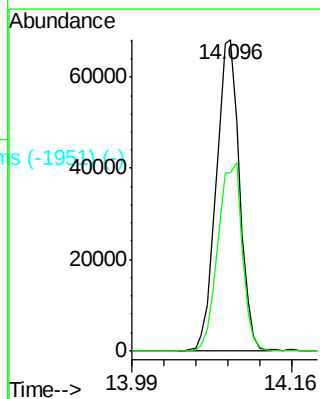
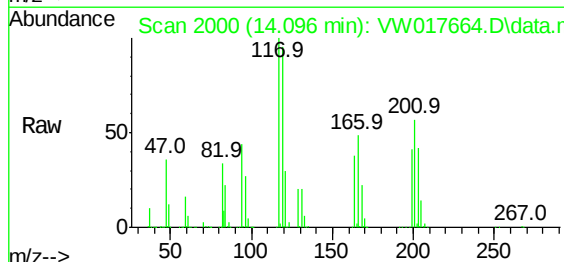
Manual Integrations
APPROVED

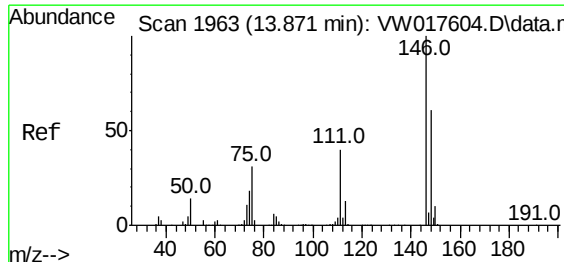
MMDadoda
12/19/2020 12:04:03 PM



#990 (-)
Hexachloroethane
Concen: 48.57 ug/l
RT: 14.096 min Scan# 2000
Delta R.T. -0.001 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36

Tgt Ion:	117	Resp:	113825
Ion	Ratio	Lower	Upper
117	100		
201	63.6	41.9	125.7





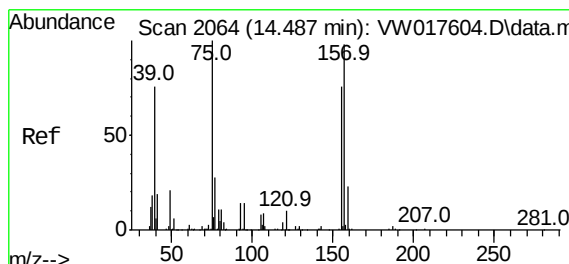
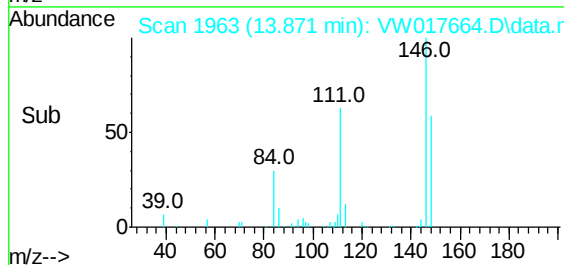
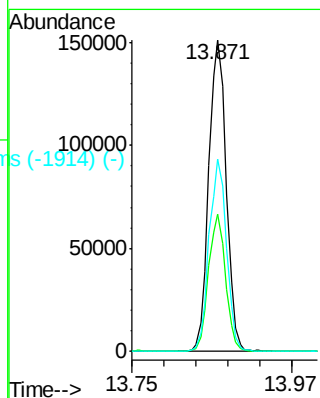
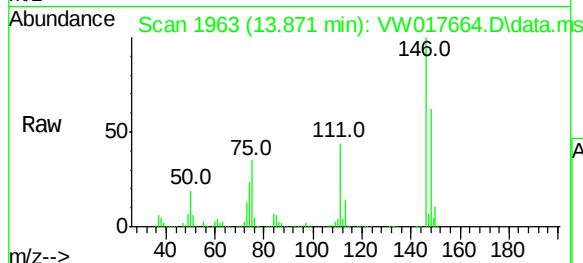
1,2-Dichlorobenzene
Concen: 50.73 ug/l
RT: 13.871 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36

Tgt Ion:	146	Resp:	250217
Ion	Ratio	Lower	Upper
146	100		
111	43.0	20.1	60.3
148	61.5	33.1	99.3

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

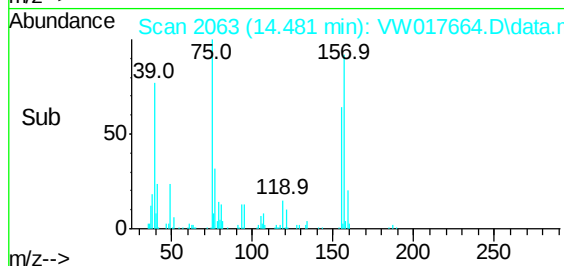
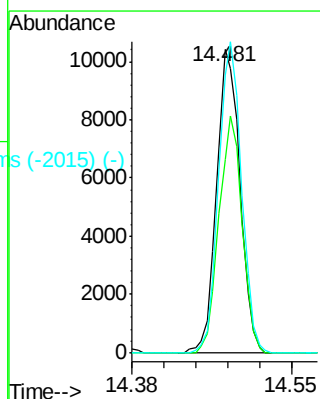
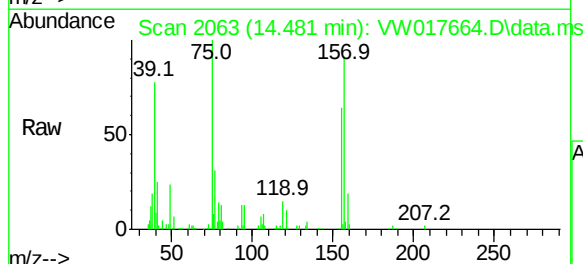
Manual Integrations
APPROVED

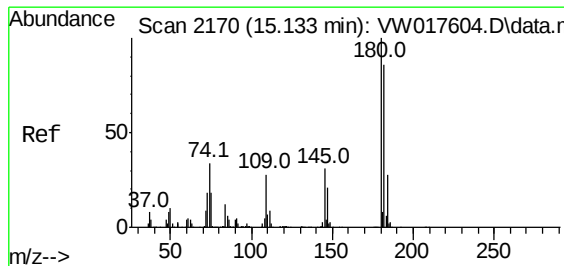
MMDadoda
12/19/2020 12:04:03 PM



1,2-Dibromo-3-Chloropropane
Concen: 44.45 ug/l
RT: 14.481 min Scan# 2063
Delta R.T. -0.006 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36

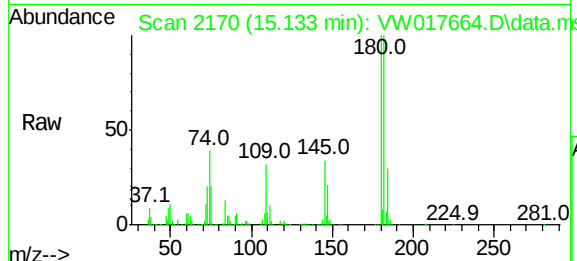
Tgt Ion:	75	Resp:	17536
Ion	Ratio	Lower	Upper
75	100		
155	77.1	47.6	142.8
157	100.7	62.2	186.6





#91
1,2,4-Trichlorobenzene
Concen: 50.75 ug/l
RT: 15.133 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36

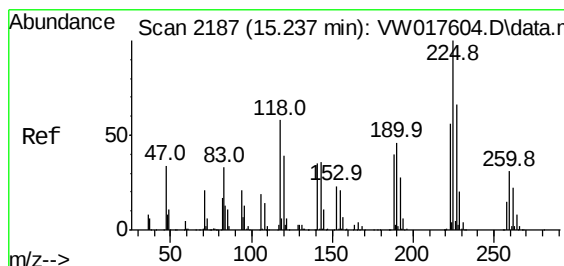
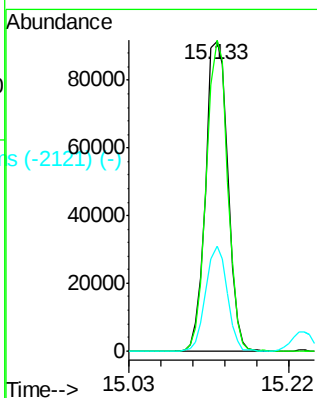
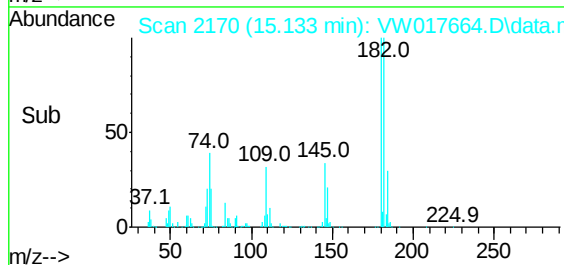
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC



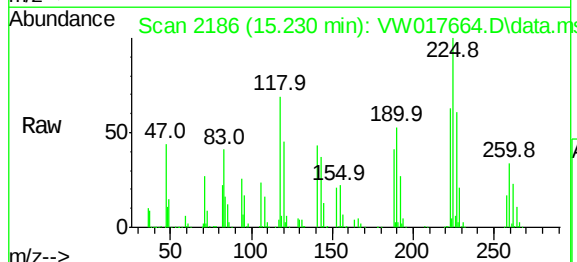
Tgt Ion:180 Resp: 160116
Ion Ratio Lower Upper
180 100
182 96.1 48.3 144.9
145 32.6 14.9 44.5

Manual Integrations
APPROVED

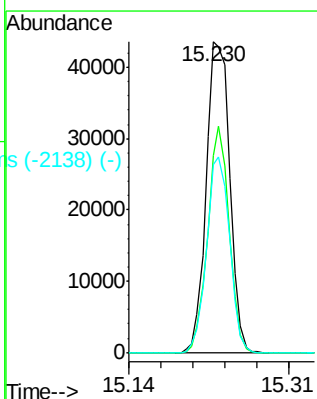
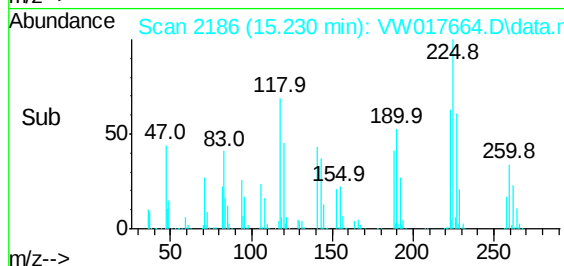
MMDadoda
12/19/2020 12:04:03 PM

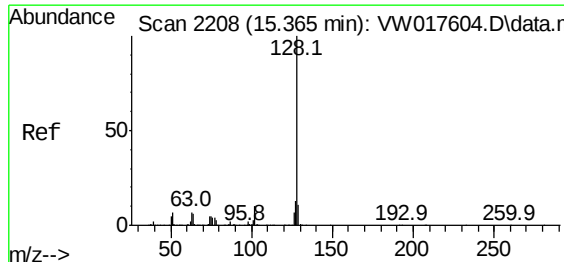


#92
Hexachlorobutadiene
Concen: 48.00 ug/l
RT: 15.230 min Scan# 2186
Delta R.T. -0.007 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36



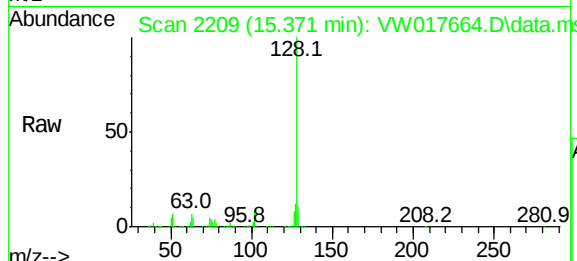
Tgt Ion:225 Resp: 79601
Ion Ratio Lower Upper
225 100
223 65.8 31.9 95.7
227 61.6 33.0 99.0





#2199 (-)
Naphthalene
Concen: 47.69 ug/l
RT: 15.371 min Scan# 2209
Delta R.T. 0.006 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36

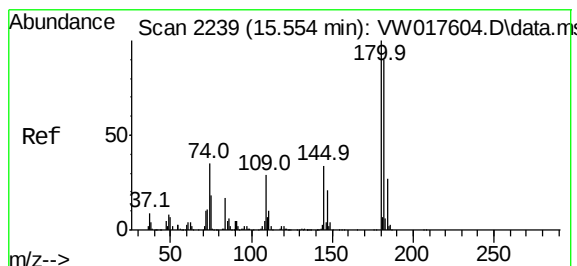
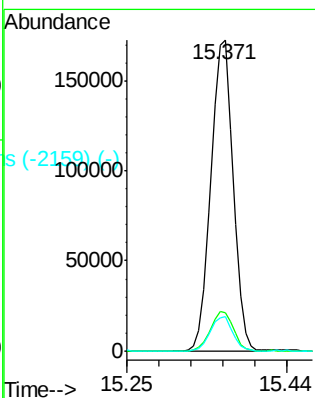
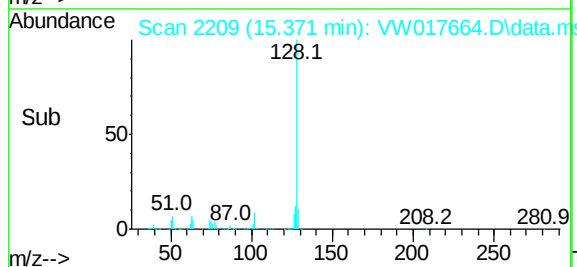
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC



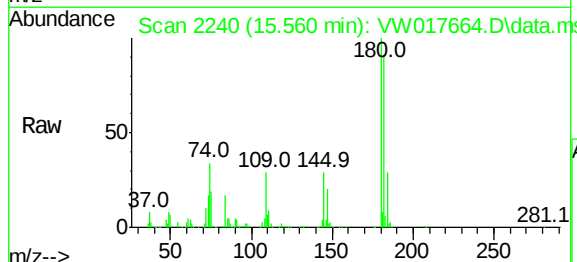
Tgt Ion:	128	Resp:	307797
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.4	15.6
129	11.0	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
12/19/2020 12:04:03 PM



#2230 (-)
1,2,3-Trichlorobenzene
Concen: 48.95 ug/l
RT: 15.560 min Scan# 2240
Delta R.T. 0.006 min
Lab File: VW017664.D
Acq: 16 Dec 2020 15:36



Tgt Ion:	180	Resp:	133580
Ion Ratio	Lower	Upper	
180	100		
182	93.7	49.4	148.2
145	33.9	16.3	48.9

