

Data Path : Z:\voasrv\HPCHEM1\MSVOA_w\Data\Vw121820\
 Data File : Vw017668.D
 Acq On : 18 Dec 2020 11:52
 Operator : SY/VA
 Sample : Vw1218SBS01
 Misc : 5.00G/5ML/MSVOA_w/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1218SBS01

Manual Integrations
 APPROVED

MMDadoda
 12/21/2020 11:59:07 AM

Quant Time: Dec 19 00:09:37 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	7.951	168	216704	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.848	114	372253	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	314338	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	156129	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	131195	49.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.40%	
35) Dibromofluoromethane	7.884	113	120164	48.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.56%	
50) Toluene-d8	10.323	98	477368	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
62) 4-Bromofluorobenzene	12.621	95	168538	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.019	85	43916	25.83	ug/l	95
3) Chloromethane	2.221	50	37551	19.62	ug/l	93
4) Vinyl Chloride	2.367	62	64588	23.27	ug/l	98
5) Bromomethane	2.775	94	68209	31.96	ug/l	95
6) Chloroethane	2.928	64	42806	24.68	ug/l	97
7) Trichlorofluoromethane	3.269	101	54885	25.00	ug/l	89
8) Diethyl Ether	3.684	74	22702	18.86	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.068	101	50900	21.36	ug/l	90
10) Methyl Iodide	4.275	142	74462	21.22	ug/l	92
11) Tert butyl alcohol	5.202	59	16931	56.13	ug/l #	93
12) 1,1-Dichloroethene	4.050	96	51352	20.98	ug/l	89
13) Acrolein	3.897	56	13873	87.26	ug/l	96
14) Allyl chloride	4.671	41	78211	20.75	ug/l	90
15) Acrylonitrile	5.373	53	44324	83.16	ug/l	97
16) Acetone	4.129	43	45846	79.82	ug/l	90
17) Carbon Disulfide	4.391	76	149594	20.91	ug/l	97
18) Methyl Acetate	4.665	43	18543	15.88	ug/l	96
19) Methyl tert-butyl Ether	5.427	73	65806	19.88	ug/l	97
20) Methylene Chloride	4.909	84	58035	20.43	ug/l #	85
21) trans-1,2-Dichloroethene	5.427	96	56543	20.80	ug/l #	81
22) Diisopropyl ether	6.311	45	142481	20.71	ug/l #	92
23) Vinyl Acetate	6.257	43	422732	91.31	ug/l #	93
24) 1,1-Dichloroethane	6.220	63	100009	21.42	ug/l	97
25) 2-Butanone	7.177	43	59446	77.73	ug/l	94
26) 2,2-Dichloropropane	7.165	77	69358	20.06	ug/l	92
27) cis-1,2-Dichloroethene	7.171	96	60052	20.68	ug/l	84
28) Bromochloromethane	7.506	49	39285	19.78	ug/l #	2
29) Tetrahydrofuran	7.531	42	34283	79.69	ug/l	91
30) Chloroform	7.677	83	102683	21.65	ug/l	100
31) Cyclohexane	7.957	56	97122	21.30	ug/l	87
32) 1,1,1-Trichloroethane	7.872	97	88196	21.75	ug/l	93
36) 1,1-Dichloropropene	8.085	75	85810	22.02	ug/l	94
37) Ethyl Acetate	7.256	43	25063	15.39	ug/l	98
38) Carbon Tetrachloride	8.067	117	80639	20.59	ug/l	88
39) Methylcyclohexane	9.335	83	103828	21.03	ug/l #	86
40) Benzene	8.323	78	221287	21.44	ug/l	99
41) Methacrylonitrile	7.482	41	16290	17.71	ug/l	89

Data Path : Z:\voasrv\HPCHEM1\MSVOA_w\Data\Vw121820\
 Data File : Vw017668.D
 Acq On : 18 Dec 2020 11:52
 Operator : SY/VA
 Sample : Vw1218SBS01
 Misc : 5.00G/5ML/MSVOA_w/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1218SBS01

Manual Integrations
 APPROVED

MMDadoda
 12/21/2020 11:59:07 AM

Quant Time: Dec 19 00:09:37 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	65817	20.94	ug/l	95
43) Isopropyl Acetate	8.427	43	51538	16.87	ug/l	95
44) Trichloroethene	9.091	130	59416	20.86	ug/l	87
45) 1,2-Dichloropropane	9.372	63	54223	21.28	ug/l	98
46) Dibromomethane	9.457	93	27479	19.28	ug/l #	87
47) Bromodichloromethane	9.646	83	73487	20.23	ug/l	92
48) Methyl methacrylate	9.439	41	26311	17.55	ug/l #	87
49) 1,4-Dioxane	9.469	88	6385	362.12	ug/l #	99
51) 4-Methyl-2-Pentanone	10.213	43	121455	79.86	ug/l	91
52) Toluene	10.390	92	147063	21.78	ug/l	99
53) t-1,3-Dichloropropene	10.603	75	71361	19.19	ug/l	100
54) cis-1,3-Dichloropropene	10.073	75	84124	19.57	ug/l #	87
55) 1,1,2-Trichloroethane	10.786	97	35240	18.49	ug/l	96
56) Ethyl methacrylate	10.646	69	41967	17.04	ug/l #	85
57) 1,3-Dichloropropane	10.933	76	64575	19.18	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.927	63	105011	89.19	ug/l	91
59) 2-Hexanone	10.969	43	83001	81.58	ug/l	92
60) Dibromochloromethane	11.128	129	44050	18.47	ug/l	98
61) 1,2-Dibromoethane	11.237	107	34202	18.16	ug/l	97
64) Tetrachloroethene	10.865	164	46506	21.69	ug/l	94
65) Chlorobenzene	11.658	112	146664	21.70	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.731	131	51962	21.67	ug/l	96
67) Ethyl Benzene	11.731	91	285198	22.71	ug/l	96
68) m/p-Xylenes	11.841	106	211566	44.18	ug/l	94
69) o-Xylene	12.170	106	97448	21.58	ug/l	92
70) Styrene	12.182	104	164661	21.83	ug/l	95
71) Bromoform	12.353	173	21757	16.98	ug/l #	100
73) Isopropylbenzene	12.463	105	273793	22.18	ug/l	98
74) N-ethyl acetate	12.274	43	45027	17.39	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.713	83	38590	18.74	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	32414m	21.57	ug/l	
77) Bromobenzene	12.749	156	57932	21.91	ug/l	84
78) n-propylbenzene	12.804	91	337991	23.06	ug/l	97
79) 2-Chlorotoluene	12.889	91	186168	22.78	ug/l	96
80) 1,3,5-Trimethylbenzene	12.944	105	231889	22.19	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.518	75	11327	15.27	ug/l	90
82) 4-Chlorotoluene	12.987	91	193480	22.43	ug/l	95
83) tert-Butylbenzene	13.207	119	202131	22.62	ug/l	92
84) 1,2,4-Trimethylbenzene	13.249	105	233805	22.72	ug/l	98
85) sec-Butylbenzene	13.383	105	286854	22.86	ug/l	97
86) p-Isopropyltoluene	13.499	119	257266	22.71	ug/l	96
87) 1,3-Dichlorobenzene	13.499	146	115545	21.93	ug/l	97
88) 1,4-Dichlorobenzene	13.578	146	114330	21.86	ug/l	96
89) n-Butylbenzene	13.822	91	257567	23.14	ug/l	96
90) Hexachloroethane	14.097	117	46775	21.01	ug/l	79
91) 1,2-Dichlorobenzene	13.871	146	99723	21.29	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.487	75	6422	17.14	ug/l	75
93) 1,2,4-Trichlorobenzene	15.133	180	65829	21.97	ug/l	98
94) Hexachlorobutadiene	15.237	225	39167	24.87	ug/l	92
95) Naphthalene	15.371	128	113444	18.51	ug/l	100
96) 1,2,3-Trichlorobenzene	15.554	180	55362	21.36	ug/l	97

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

Instrument :

MSVOA_W

ClientSampleId :

VW1218SBS01

Manual Integrations

APPROVED

MMDadoda

12/21/2020 11:59:07 AM

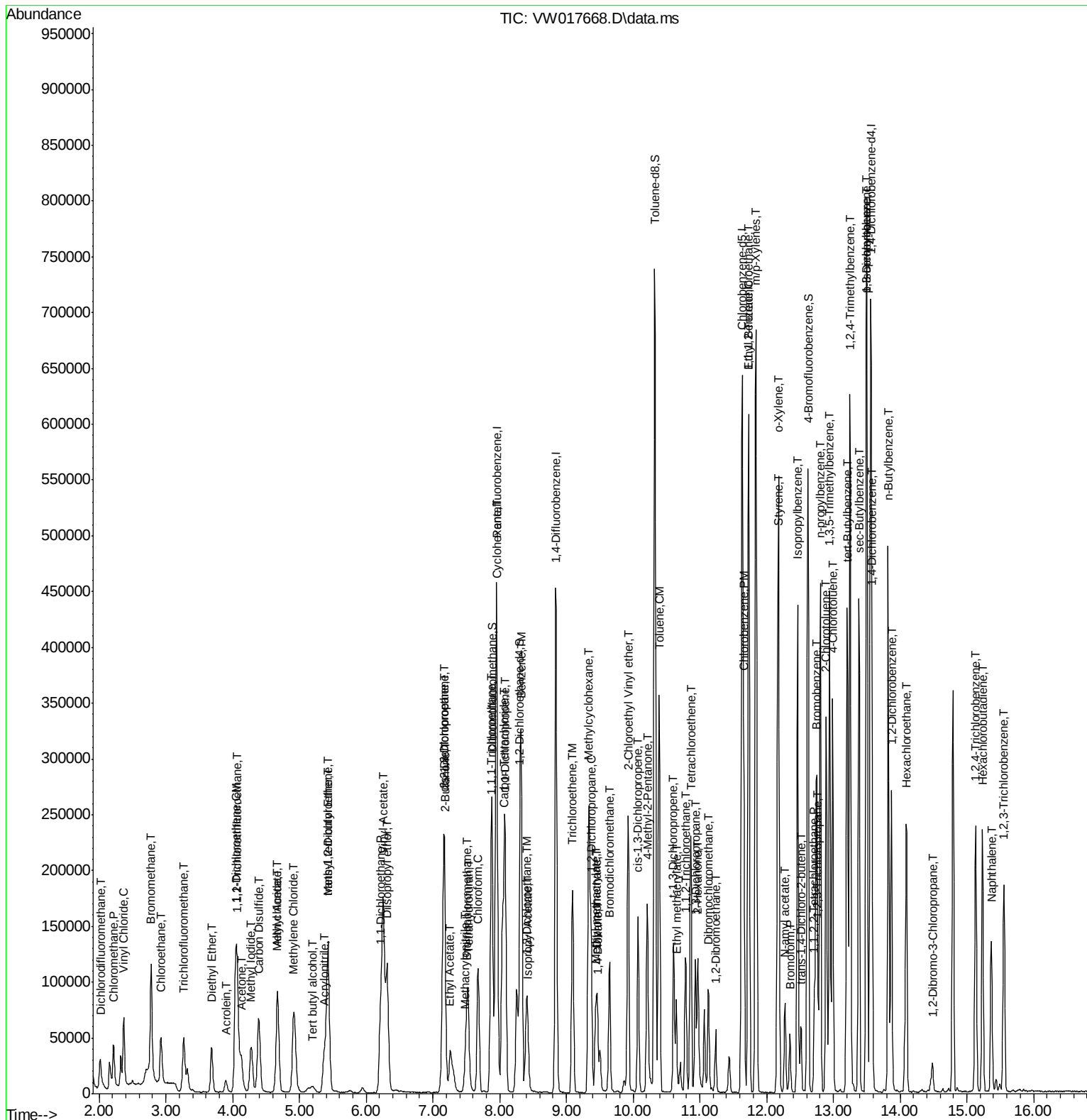
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\Vw121820\
 Data File : VW017668.D
 Acq On : 18 Dec 2020 11:52
 Operator : SY/VA
 Sample : VW1218SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

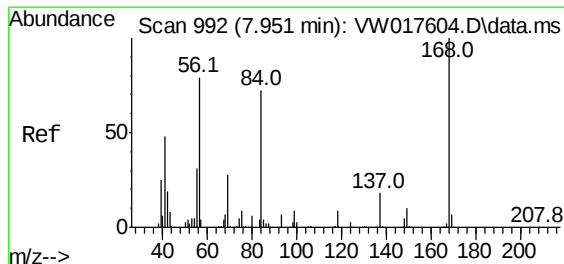
Instrument :
 MSVOA_W
 Client Sample Id :
 VW1218SBS01

Manual Integrations
 APPROVED

MMDadoda
 12/21/2020 11:59:07 AM

Quant Time: Dec 19 00:09:37 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





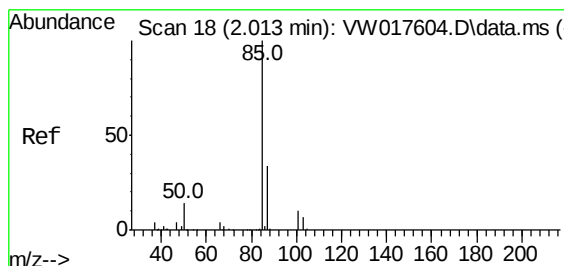
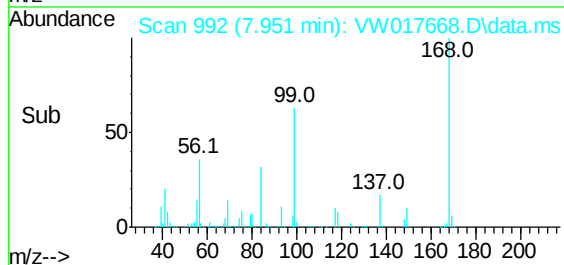
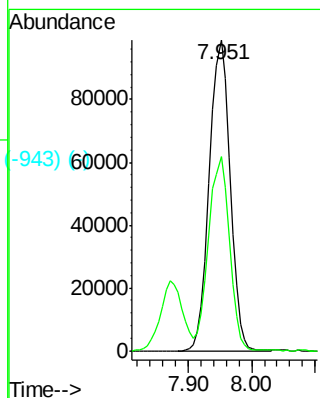
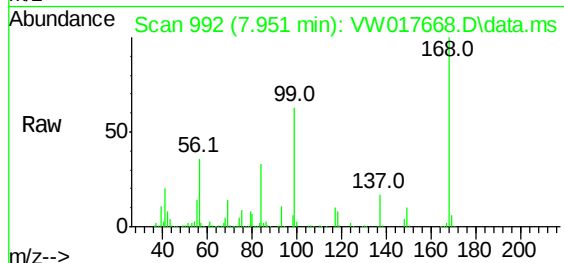
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.951 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW017668.D
Acq: 18 Dec 2020 11:52

Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

Tgt Ion:168 Resp: 216704
Ion Ratio Lower Upper
168 100
99 62.4 40.7 61.1#

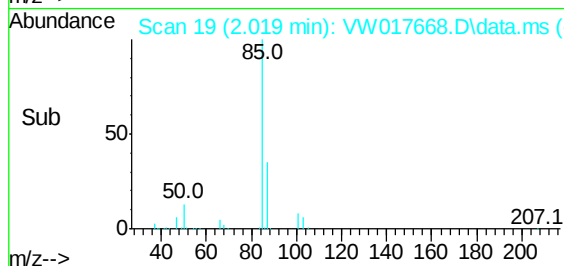
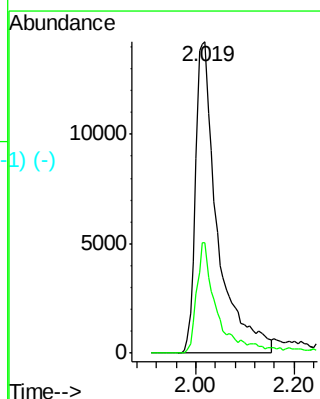
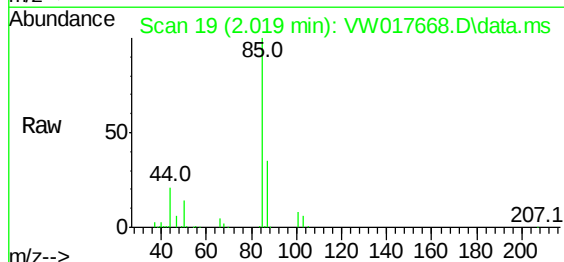
Manual Integrations
APPROVED

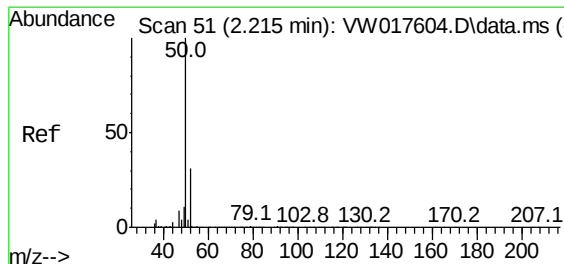
MMDadoda
12/21/2020 11:59:07 AM



Dichlorodifluoromethane
Concen: 25.83 ug/l
RT: 2.019 min Scan# 19
Delta R.T. 0.006 min
Lab File: VW017668.D
Acq: 18 Dec 2020 11:52

Tgt Ion: 85 Resp: 43916
Ion Ratio Lower Upper
85 100
87 35.2 16.3 48.9





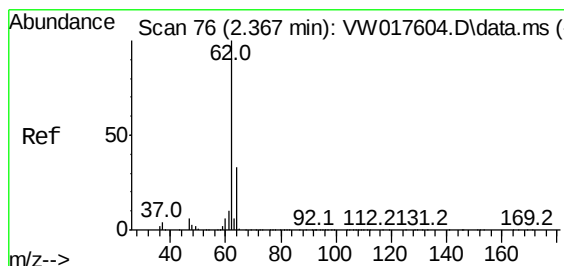
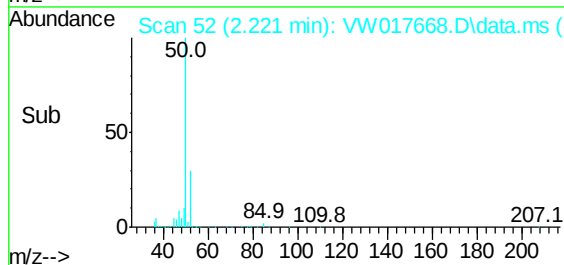
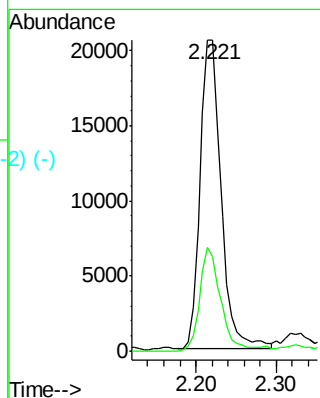
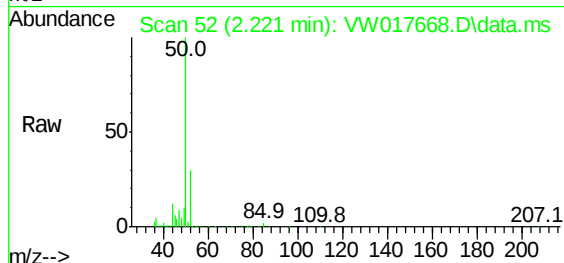
Chloromethane
Concen: 19.62 ug/l
RT: 2.221 min Scan# 52
Delta R.T. 0.006 min
Lab File: VW017668.D
Acq: 18 Dec 2020 11:52

Tgt Ion: 50 Resp: 37551
Ion Ratio Lower Upper
50 100
52 30.5 27.6 41.4

Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

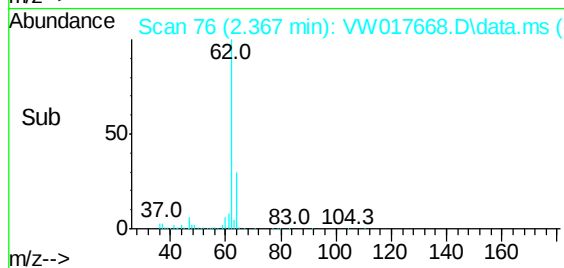
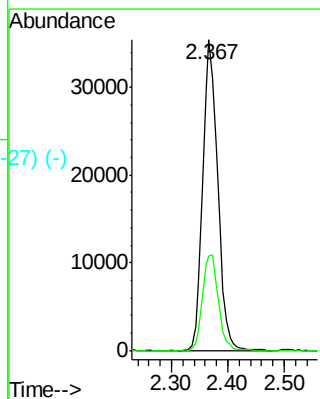
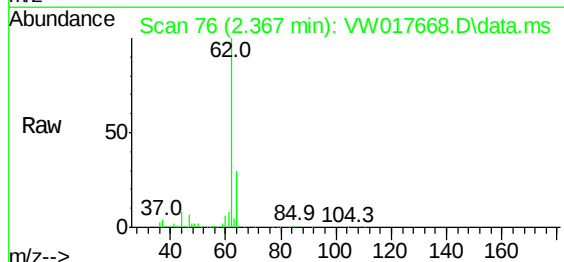
Manual Integrations
APPROVED

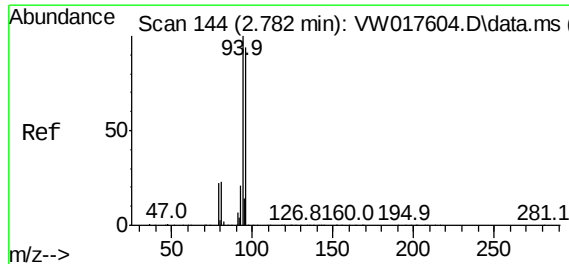
MMDadoda
12/21/2020 11:59:07 AM



Vinyl Chloride
Concen: 23.27 ug/l
RT: 2.367 min Scan# 76
Delta R.T. -0.000 min
Lab File: VW017668.D
Acq: 18 Dec 2020 11:52

Tgt Ion: 62 Resp: 64588
Ion Ratio Lower Upper
62 100
64 30.3 25.0 37.4





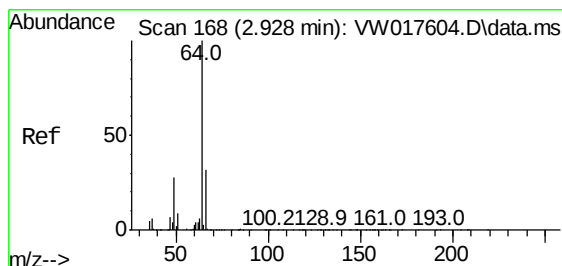
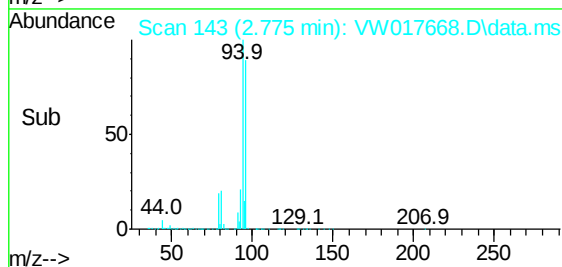
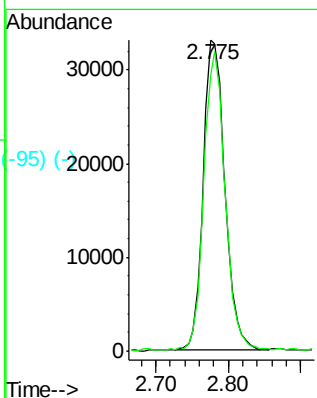
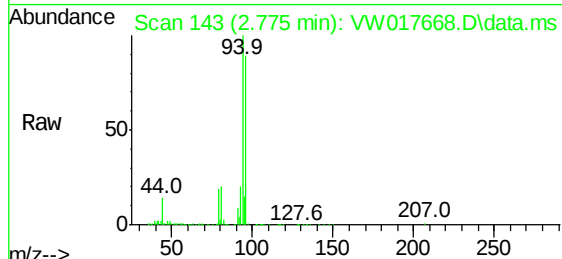
Bromomethane
Concen: 31.96 ug/l
RT: 2.775 min Scan# 143
Delta R.T. -0.007 min
Lab File: VW017668.D
Acq: 18 Dec 2020 11:52

Tgt Ion: 94 Resp: 68209
Ion Ratio Lower Upper
94 100
96 88.8 74.7 112.1

Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

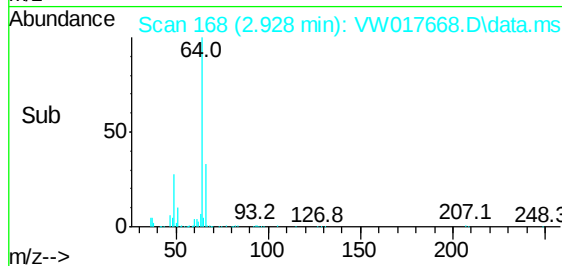
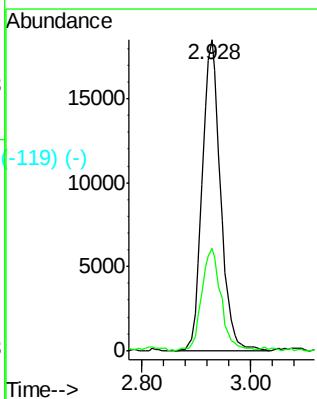
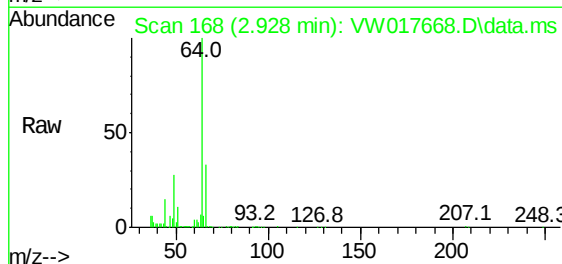
Manual Integrations
APPROVED

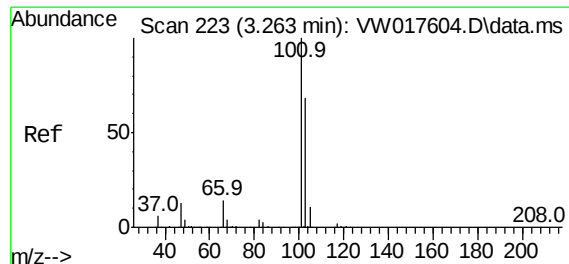
MMDadoda
12/21/2020 11:59:07 AM



Chloroethane
Concen: 24.68 ug/l
RT: 2.928 min Scan# 168
Delta R.T. -0.000 min
Lab File: VW017668.D
Acq: 18 Dec 2020 11:52

Tgt Ion: 64 Resp: 42806
Ion Ratio Lower Upper
64 100
66 33.0 25.0 37.6





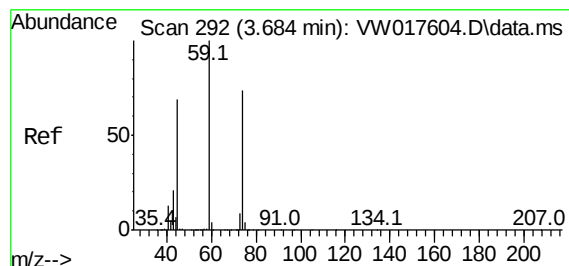
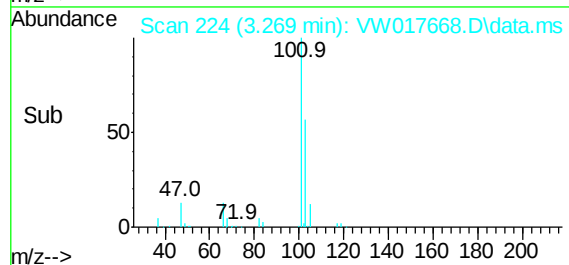
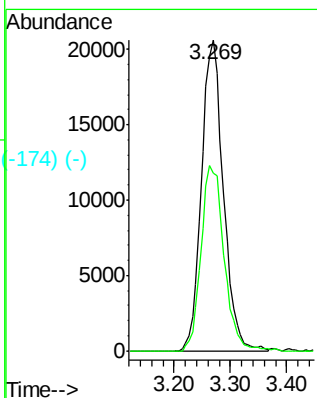
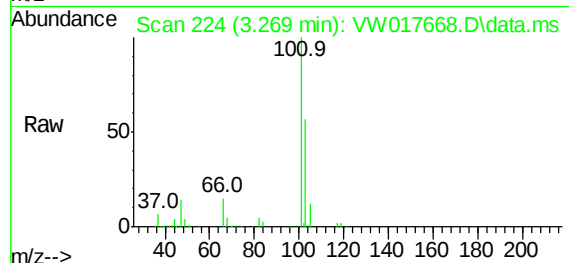
Trichlorofluoromethane
Concen: 25.00 ug/l
RT: 3.269 min Scan# 224
Delta R.T. 0.006 min
Lab File: VW017668.D
Acq: 18 Dec 2020 11:52

Tgt Ion: 101 Resp: 54885
Ion Ratio Lower Upper
101 100
103 57.1 52.6 79.0

Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

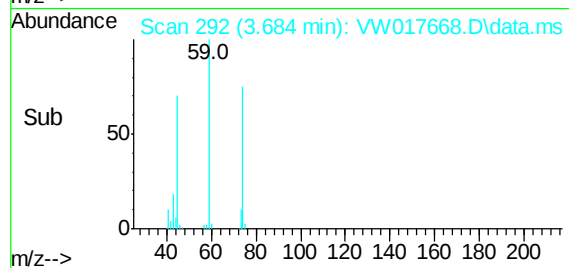
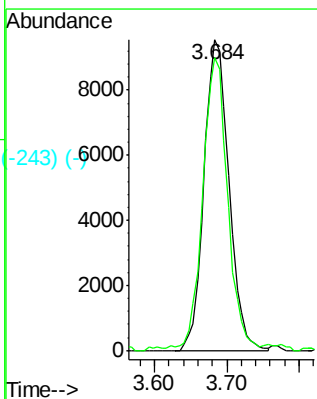
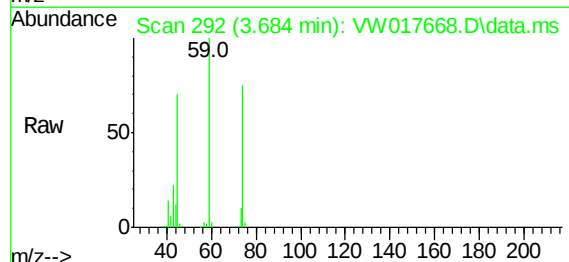
Manual Integrations
APPROVED

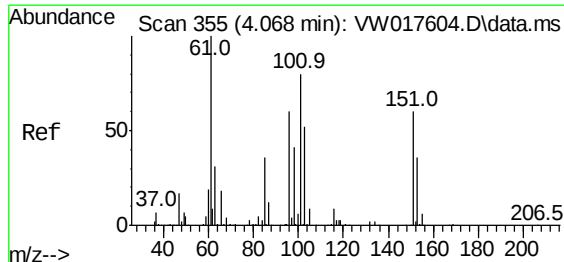
MMDadoda
12/21/2020 11:59:07 AM



Diethyl Ether
Concen: 18.86 ug/l
RT: 3.684 min Scan# 292
Delta R.T. -0.000 min
Lab File: VW017668.D
Acq: 18 Dec 2020 11:52

Tgt Ion: 74 Resp: 22702
Ion Ratio Lower Upper
74 100
45 92.5 41.1 123.4





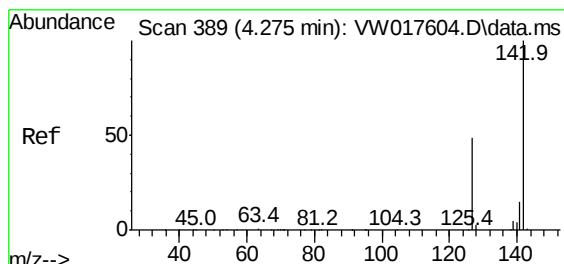
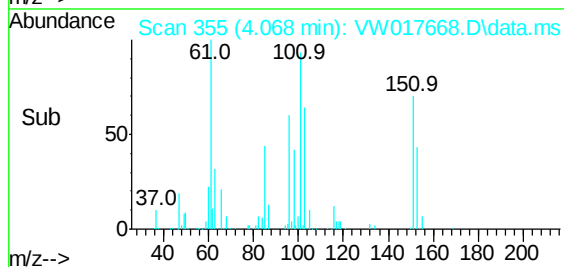
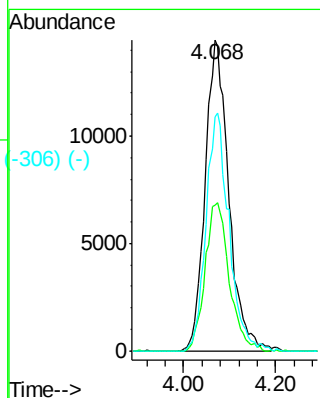
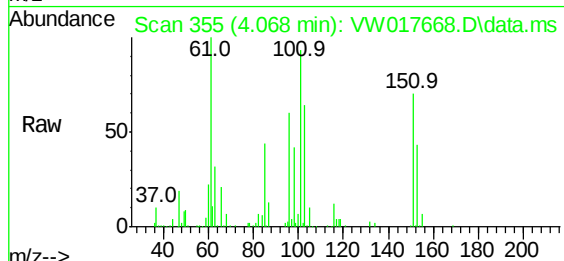
1,1,2-Trichlorotrifluoroethane
Concen: 21.36 ug/l
RT: 4.068 min Scan# 355
Delta R.T. -0.000 min
Lab File: VW017668.D
Acq: 18 Dec 2020 11:52

Tgt Ion:101 Resp: 50900
Ion Ratio Lower Upper
101 100
85 48.9 33.2 49.8
151 75.2 66.6 100.0

Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

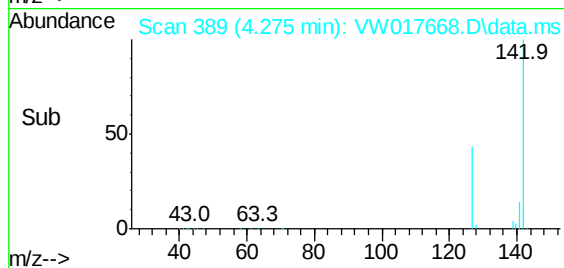
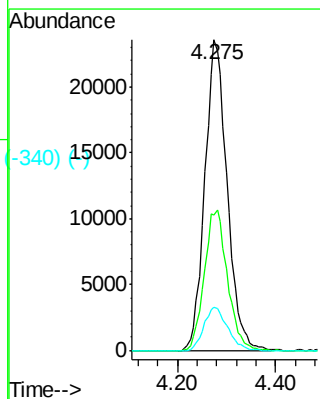
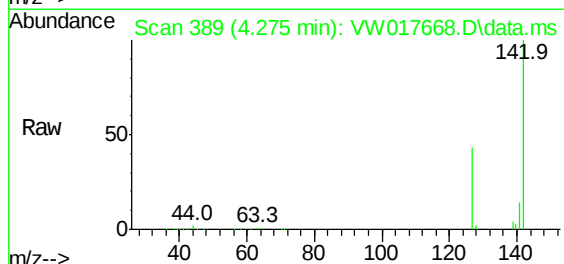
Manual Integrations
APPROVED

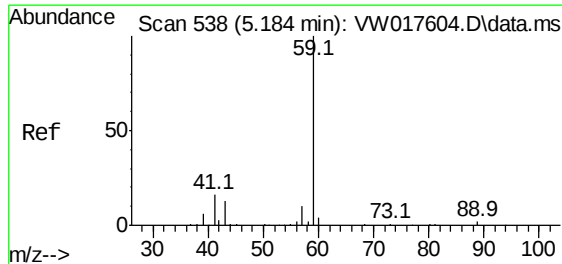
MMDadoda
12/21/2020 11:59:07 AM



Methyl Iodide
Concen: 21.22 ug/l
RT: 4.275 min Scan# 389
Delta R.T. 0.000 min
Lab File: VW017668.D
Acq: 18 Dec 2020 11:52

Tgt Ion:142 Resp: 74462
Ion Ratio Lower Upper
142 100
127 47.0 32.4 48.6
141 14.5 11.4 17.0





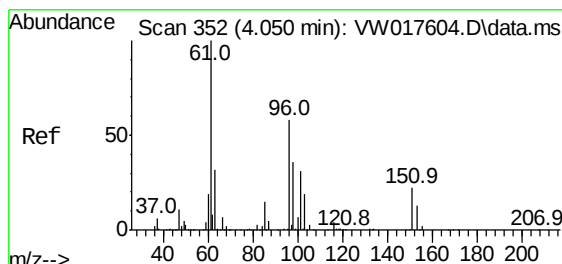
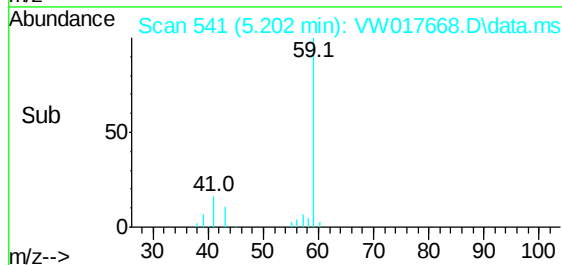
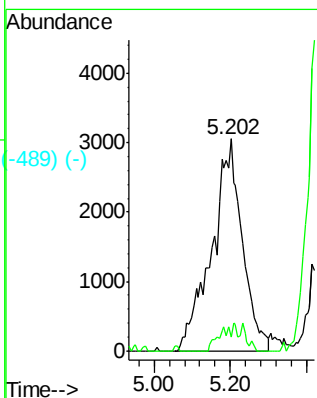
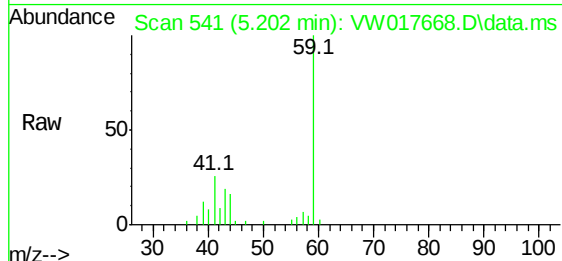
#15 (-)
Tert butyl alcohol
Concen: 56.13 ug/l
RT: 5.202 min Scan# 541
Delta R.T. 0.018 min
Lab File: VW017668.D
Acq: 18 Dec 2020 11:52

Tgt Ion: 59 Resp: 16931
Ion Ratio Lower Upper
59 100
57 3.6 4.7 7.1#

Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

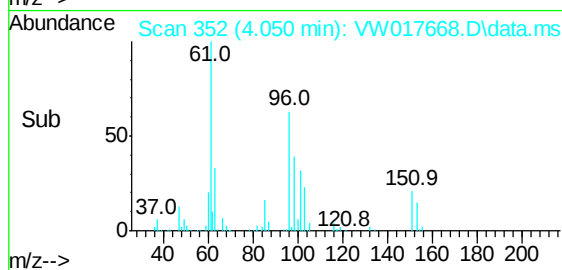
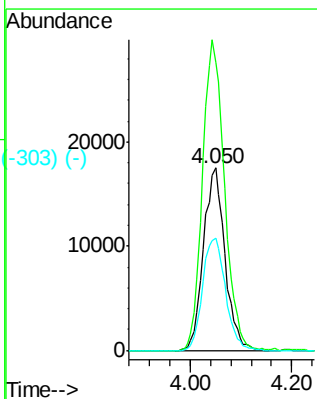
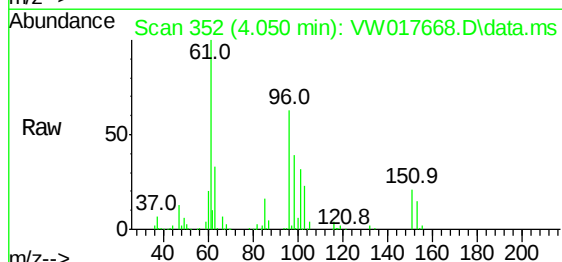
Manual Integrations
APPROVED

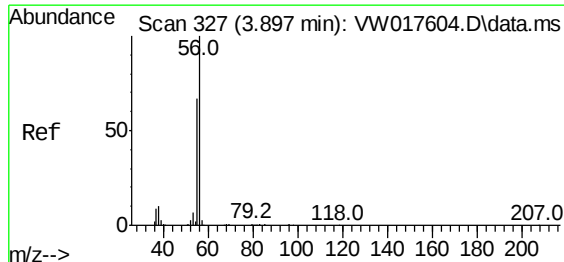
MMDadoda
12/21/2020 11:59:07 AM



#39 (-)
1,1-Dichloroethene
Concen: 20.98 ug/l
RT: 4.050 min Scan# 352
Delta R.T. -0.000 min
Lab File: VW017668.D
Acq: 18 Dec 2020 11:52

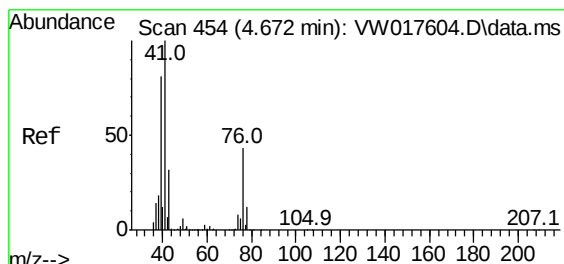
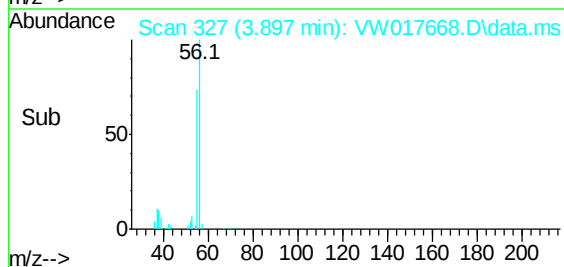
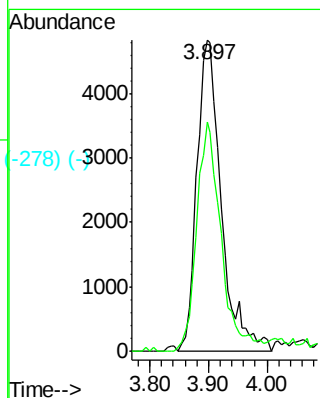
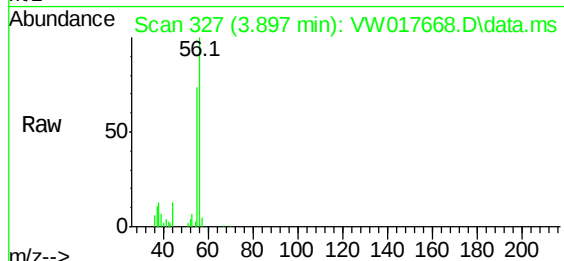
Tgt Ion: 96 Resp: 51352
Ion Ratio Lower Upper
96 100
61 157.7 111.7 167.5
98 61.6 49.0 73.4





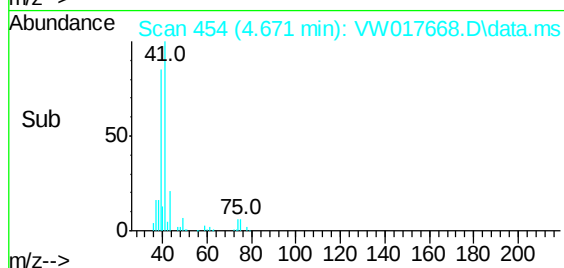
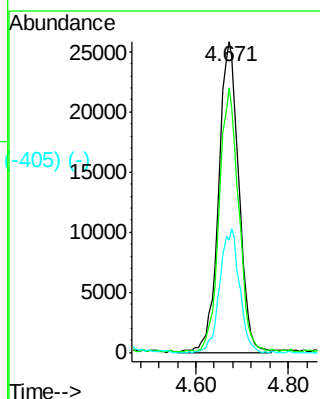
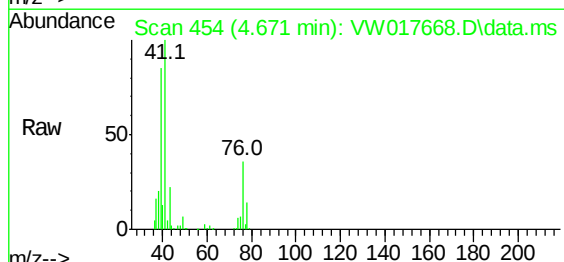
#18 (-)
Acrolein
Concen: 87.26 ug/l
RT: 3.897 min Scan# 327
Delta R.T. 0.000 min
Lab File: VW017668.D
Acq: 18 Dec 2020 11:52

Tgt Ion: 56 Resp: 13873
Ion Ratio Lower Upper
56 100
55 73.3 55.9 83.9



#34 (-)
Allyl chloride
Concen: 20.75 ug/l
RT: 4.671 min Scan# 454
Delta R.T. -0.001 min
Lab File: VW017668.D
Acq: 18 Dec 2020 11:52

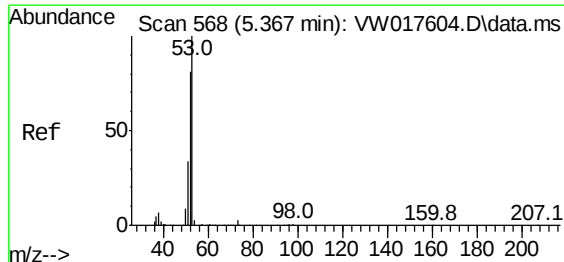
Tgt Ion: 41 Resp: 78211
Ion Ratio Lower Upper
41 100
39 82.2 57.8 86.8
76 38.7 35.1 52.7



Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

Manual Integrations
APPROVED

MMDadoda
12/21/2020 11:59:07 AM



Acrylonitrile
Concen: 83.16 ug/l
RT: 5.373 min Scan# 569
Delta R.T. 0.006 min
Lab File: VW017668.D
Acq: 18 Dec 2020 11:52

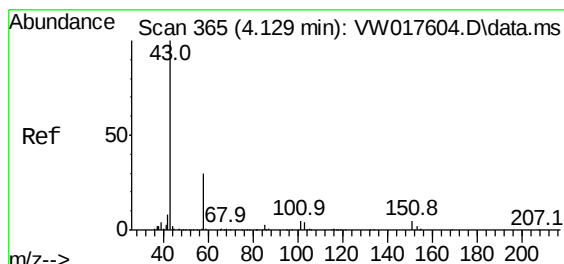
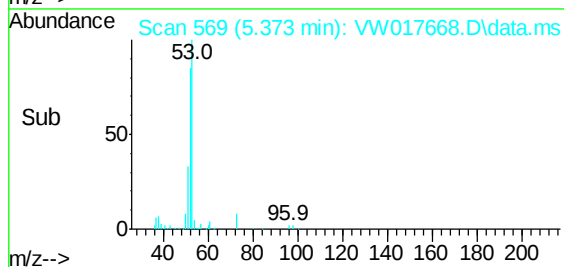
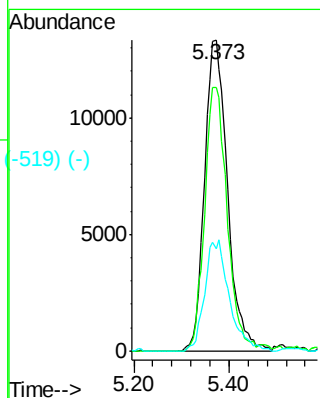
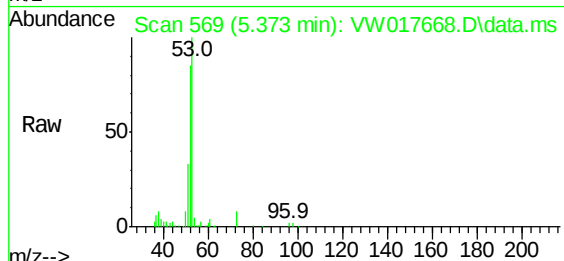
Tgt Ion: 53 Resp: 44324

Ion	Ratio	Lower	Upper
53	100		
52	83.6	65.0	97.4
51	38.1	29.1	43.7

Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

Manual Integrations
APPROVED

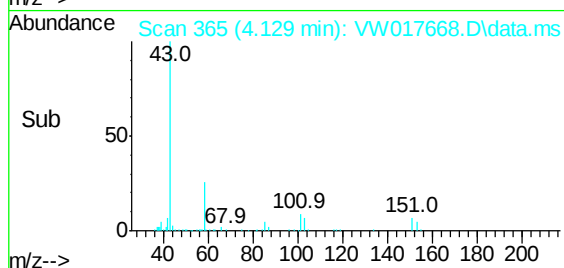
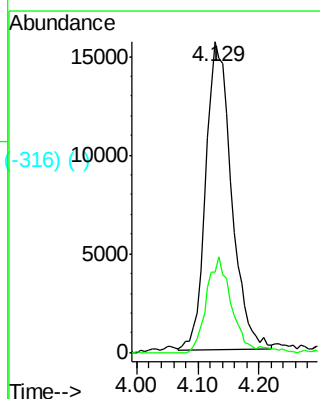
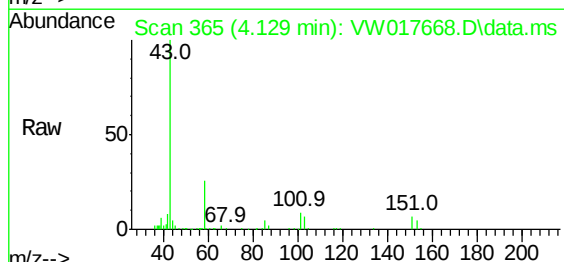
MMDadoda
12/21/2020 11:59:07 AM

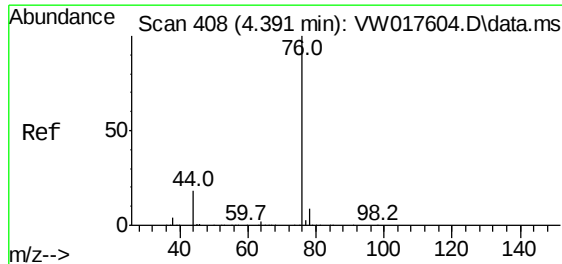


Acetone
Concen: 79.82 ug/l
RT: 4.129 min Scan# 365
Delta R.T. -0.000 min
Lab File: VW017668.D
Acq: 18 Dec 2020 11:52

Tgt Ion: 43 Resp: 45846

Ion	Ratio	Lower	Upper
43	100		
58	26.3	25.7	38.5





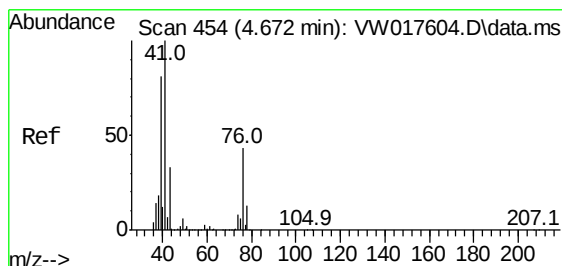
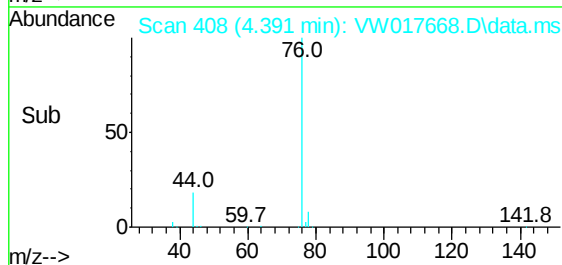
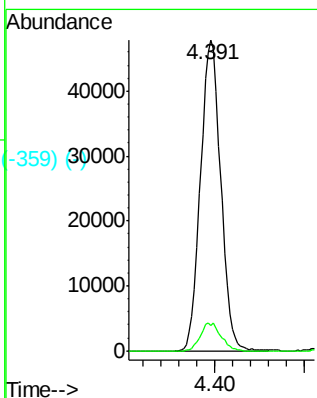
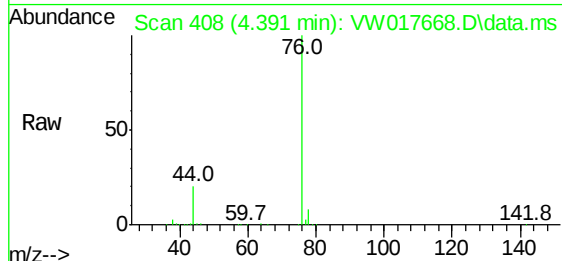
Carbon Disulfide
Concen: 20.91 ug/l
RT: 4.391 min Scan# 408
Delta R.T. 0.000 min
Lab File: VW017668.D
Acq: 18 Dec 2020 11:52

Tgt Ion: 76 Resp: 149594
Ion Ratio Lower Upper
76 100
78 8.2 7.4 11.2

Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

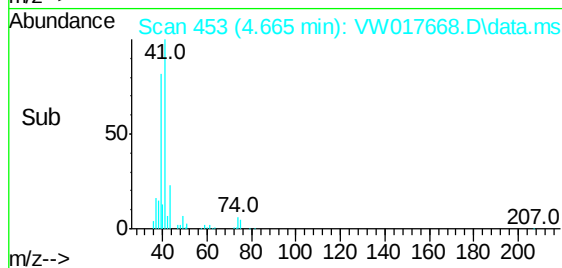
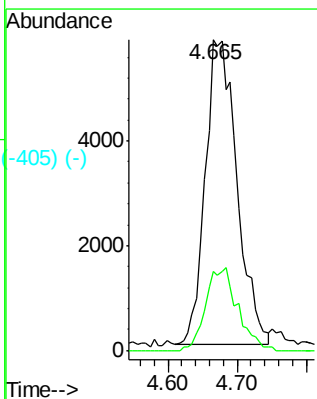
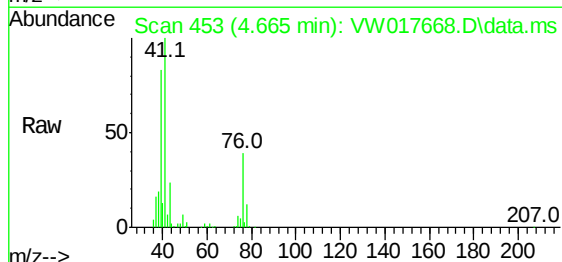
Manual Integrations
APPROVED

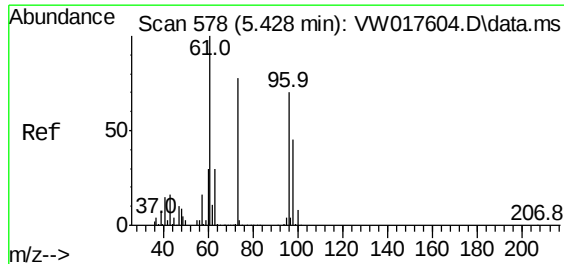
MMDadoda
12/21/2020 11:59:07 AM



Methyl Acetate
Concen: 15.88 ug/l
RT: 4.665 min Scan# 453
Delta R.T. -0.007 min
Lab File: VW017668.D
Acq: 18 Dec 2020 11:52

Tgt Ion: 43 Resp: 18543
Ion Ratio Lower Upper
43 100
74 27.3 23.8 35.6





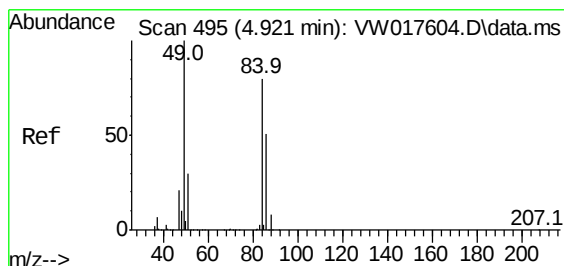
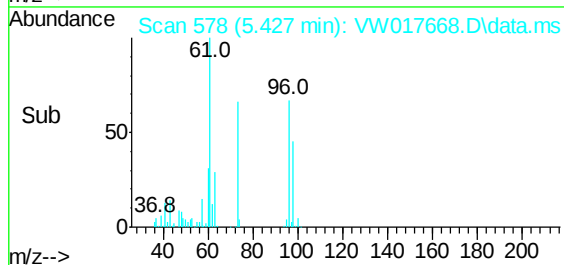
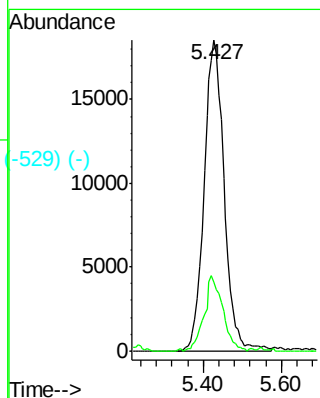
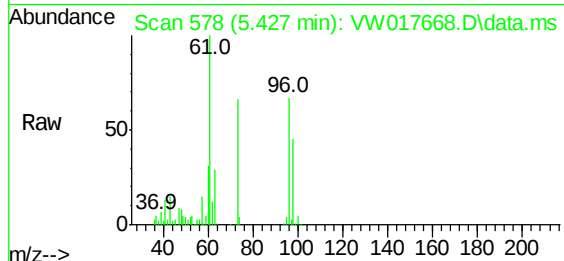
Methyl tert-butyl Ether
Concen: 19.88 ug/l
RT: 5.427 min Scan# 578
Delta R.T. -0.001 min
Lab File: VW017668.D
Acq: 18 Dec 2020 11:52

Tgt Ion: 73 Resp: 65806
Ion Ratio Lower Upper
73 100
57 21.6 16.1 24.1

Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

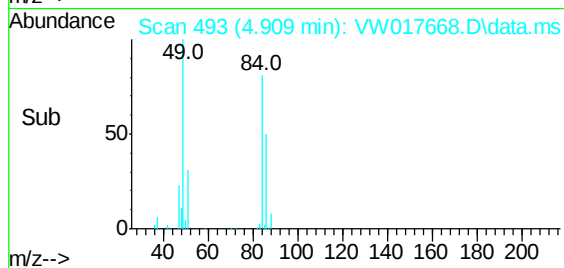
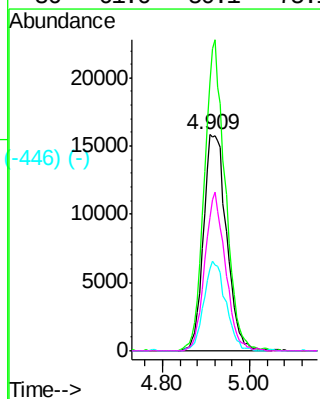
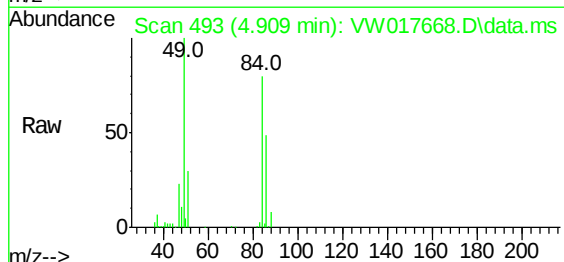
Manual Integrations
APPROVED

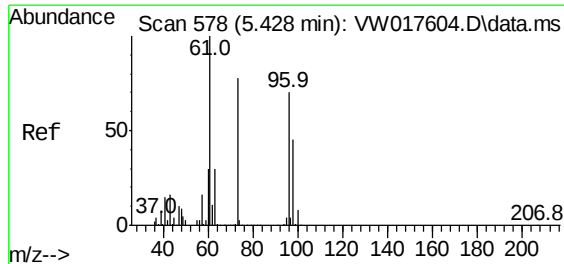
MMDadoda
12/21/2020 11:59:07 AM



Methylene Chloride
Concen: 20.43 ug/l
RT: 4.909 min Scan# 493
Delta R.T. -0.012 min
Lab File: VW017668.D
Acq: 18 Dec 2020 11:52

Tgt Ion: 84 Resp: 58035
Ion Ratio Lower Upper
84 100
49 124.7 79.0 118.6#
51 37.9 26.1 39.1
86 61.6 50.1 75.1





trans-1,2-Dichloroethene
Concen: 20.80 ug/l
RT: 5.427 min Scan# 578
Delta R.T. -0.001 min
Lab File: VW017668.D
Acq: 18 Dec 2020 11:52

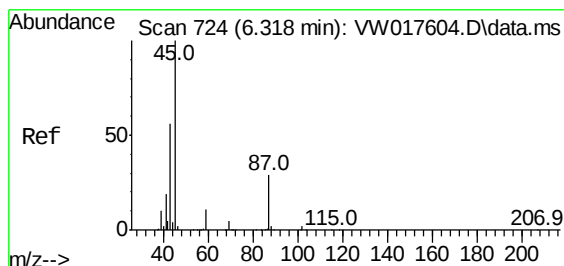
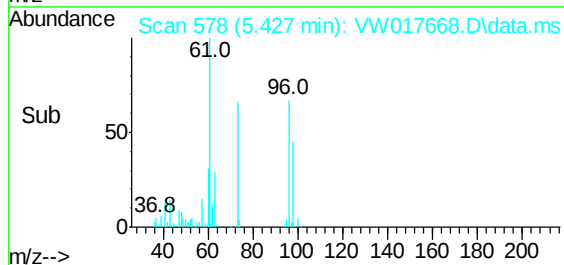
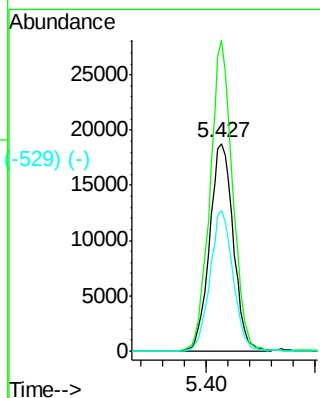
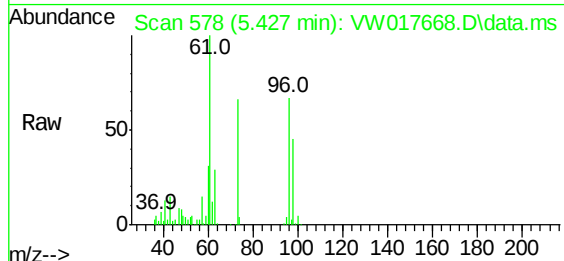
Tgt Ion: 96 Resp: 56543

Ion	Ratio	Lower	Upper
96	100		
61	149.9	97.4	146.0#
98	67.6	49.4	74.0

Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

Manual Integrations
APPROVED

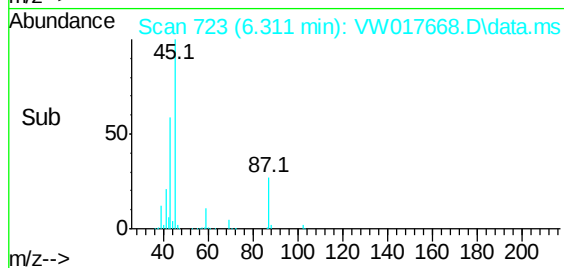
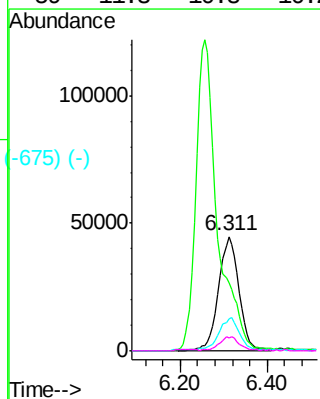
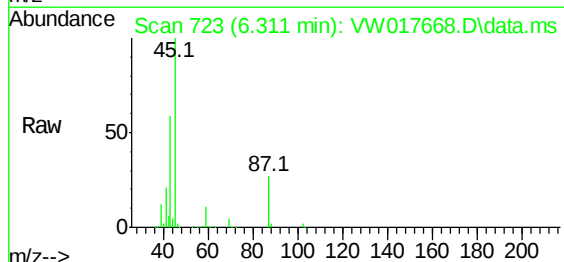
MMDadoda
12/21/2020 11:59:07 AM

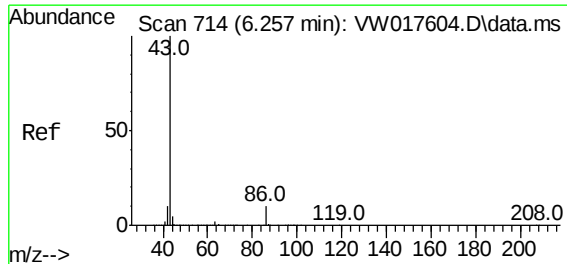


Diisopropyl ether
Concen: 20.71 ug/l
RT: 6.311 min Scan# 723
Delta R.T. -0.007 min
Lab File: VW017668.D
Acq: 18 Dec 2020 11:52

Tgt Ion: 45 Resp: 142481

Ion	Ratio	Lower	Upper
45	100		
43	58.4	43.8	65.8
87	27.0	27.6	41.4#
59	11.3	10.8	16.2



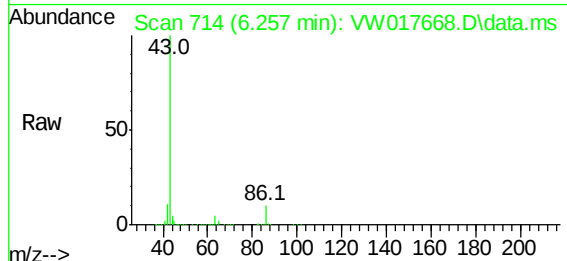


#665 (-)
Vinyl Acetate
Concen: 91.31 ug/l
RT: 6.257 min Scan# 714
Delta R.T. -0.000 min
Lab File: VW017668.D
Acq: 18 Dec 2020 11:52

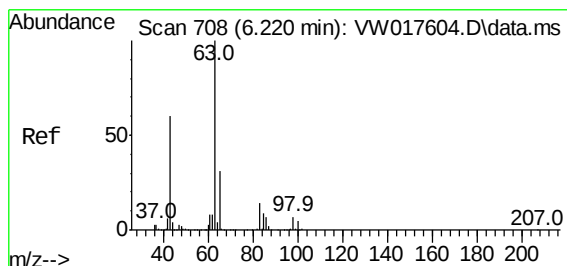
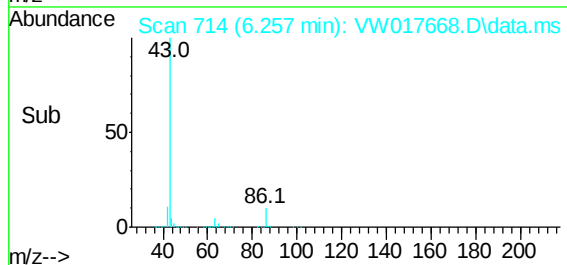
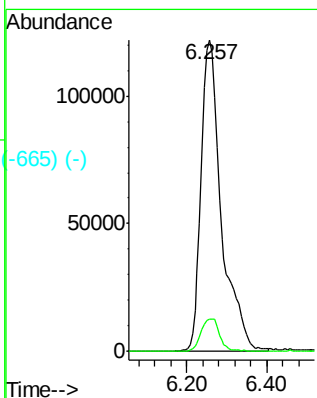
Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

Manual Integrations
APPROVED

MMDadoda
12/21/2020 11:59:07 AM

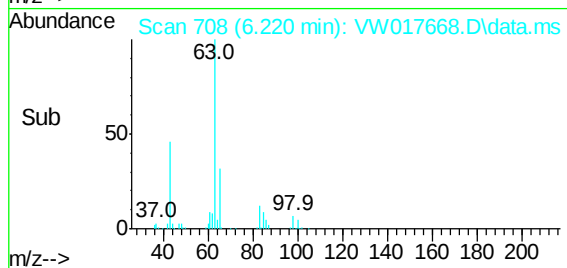
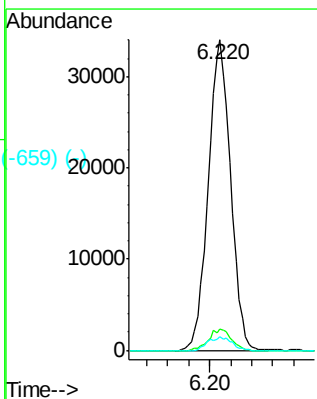
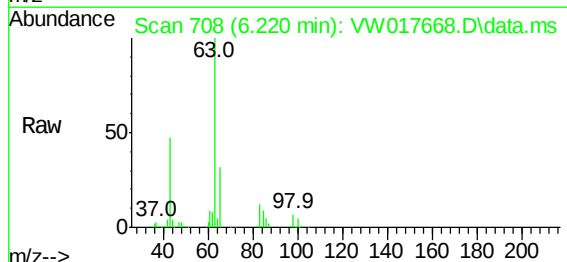


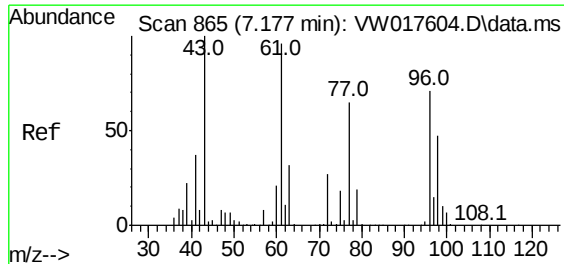
Tgt Ion: 43 Resp: 422732
Ion Ratio Lower Upper
43 100
86 10.2 10.2 15.4#



#659 (-)
1,1-Dichloroethane
Concen: 21.42 ug/l
RT: 6.220 min Scan# 708
Delta R.T. -0.000 min
Lab File: VW017668.D
Acq: 18 Dec 2020 11:52

Tgt Ion: 63 Resp: 100009
Ion Ratio Lower Upper
63 100
98 6.9 4.2 12.6
100 4.5 2.6 7.8



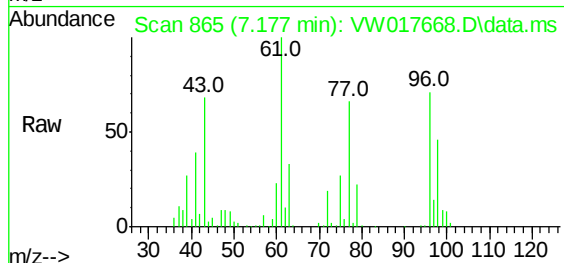


#25 (-)
2-Butanone
Concen: 77.73 ug/l
RT: 7.177 min Scan# 865
Delta R.T. 0.000 min
Lab File: VW017668.D
Acq: 18 Dec 2020 11:52

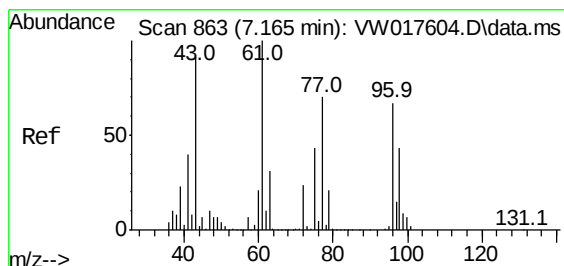
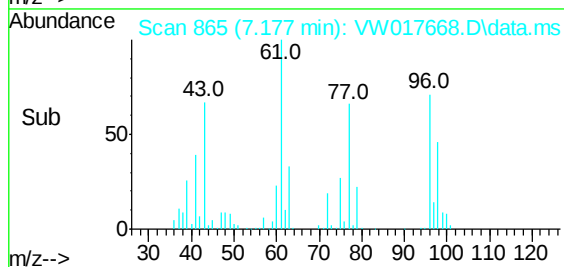
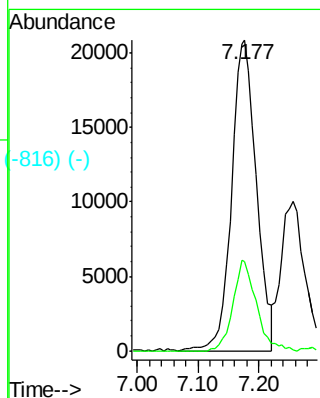
Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

Manual Integrations
APPROVED

MMDadoda
12/21/2020 11:59:07 AM

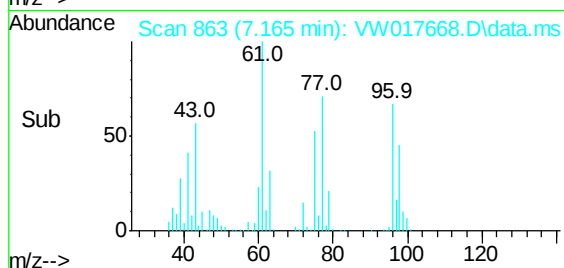
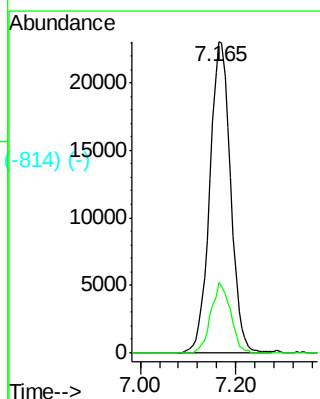
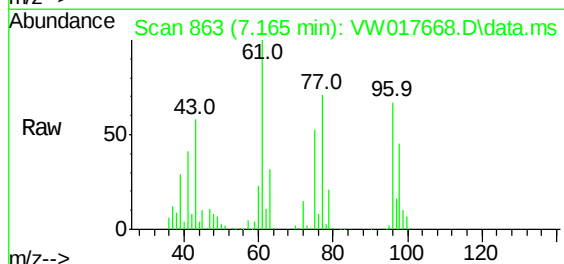


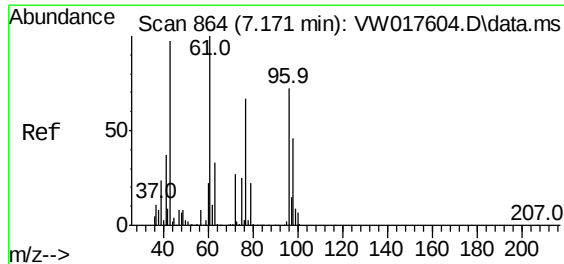
Tgt Ion: 43 Resp: 59446
Ion Ratio Lower Upper
43 100
72 28.7 25.4 38.2



#26 (-)
2,2-Dichloropropane
Concen: 20.06 ug/l
RT: 7.165 min Scan# 863
Delta R.T. -0.000 min
Lab File: VW017668.D
Acq: 18 Dec 2020 11:52

Tgt Ion: 77 Resp: 69358
Ion Ratio Lower Upper
77 100
97 21.1 12.4 37.4





#27 (-)
cis-1,2-Dichloroethene
Concen: 20.68 ug/l
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW017668.D
Acq: 18 Dec 2020 11:52

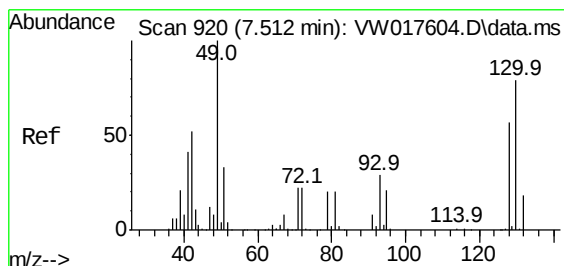
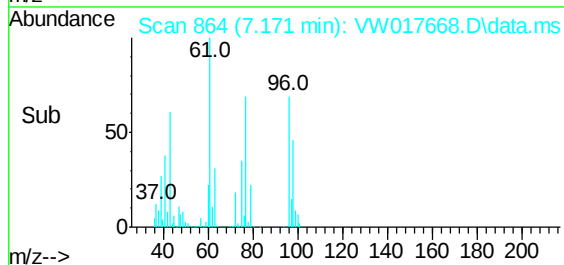
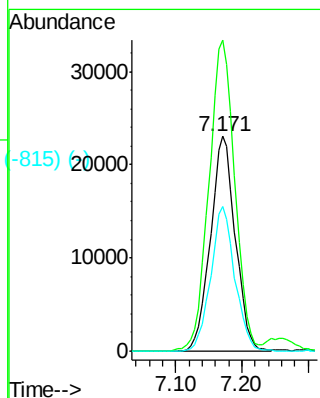
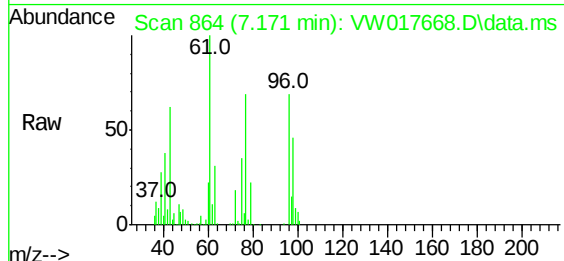
Tgt Ion: 96 Resp: 60052

Ion	Ratio	Lower	Upper
96	100		
61	151.4	0.0	249.6
98	65.3	0.0	129.4

Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

Manual Integrations
APPROVED

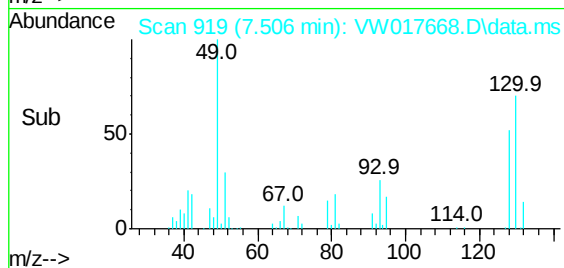
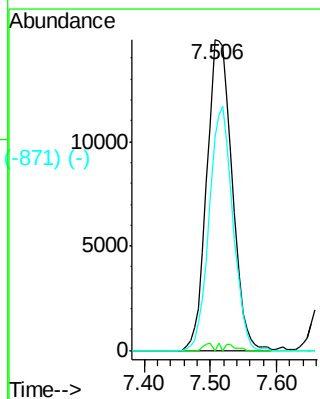
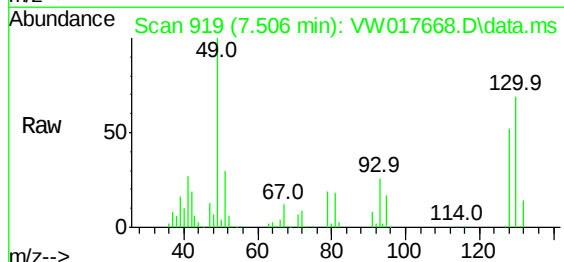
MMDadoda
12/21/2020 11:59:07 AM

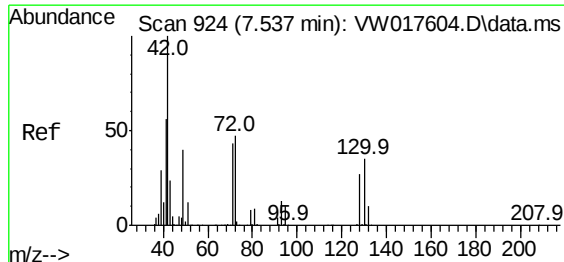


#28 (-)
Bromochloromethane
Concen: 19.78 ug/l
RT: 7.506 min Scan# 919
Delta R.T. -0.006 min
Lab File: VW017668.D
Acq: 18 Dec 2020 11:52

Tgt Ion: 49 Resp: 39285

Ion	Ratio	Lower	Upper
49	100		
129	0.7	0.0	4.8
130	0.0	81.3	121.9#





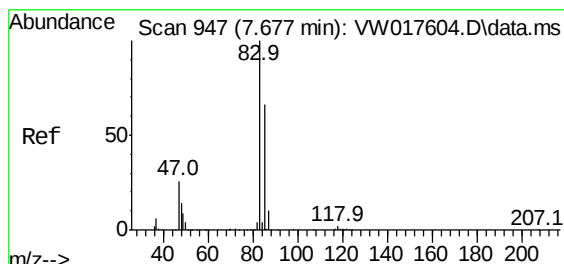
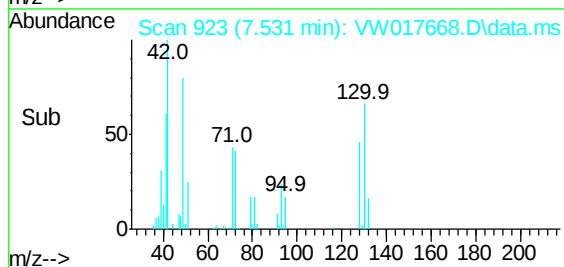
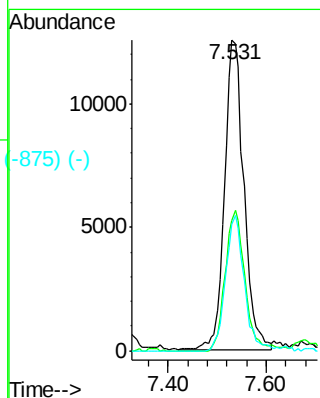
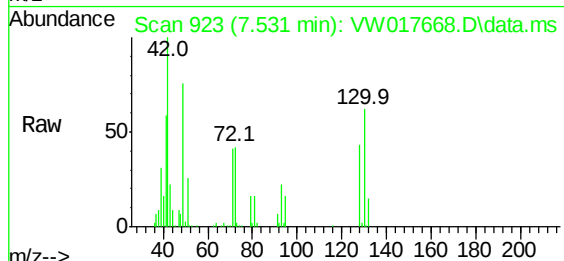
Tetrahydrofuran
Concen: 79.69 ug/l
RT: 7.531 min Scan# 923
Delta R.T. -0.006 min
Lab File: VW017668.D
Acq: 18 Dec 2020 11:52

Tgt Ion:	42	Resp:	34283
Ion	Ratio	Lower	Upper
42	100		
72	46.6	42.0	63.0
71	42.2	39.0	58.6

Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

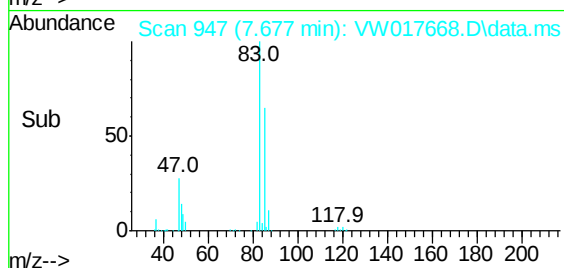
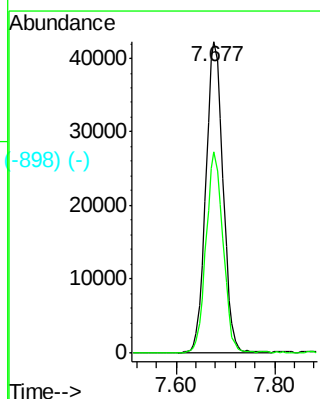
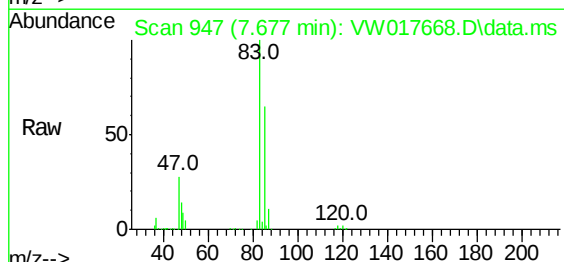
Manual Integrations
APPROVED

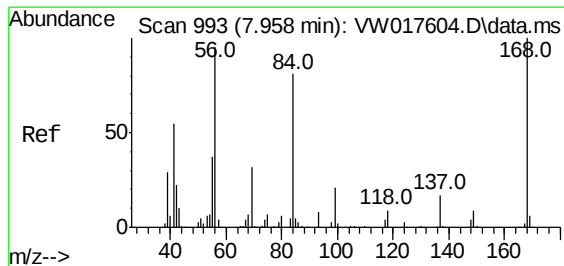
MMDadoda
12/21/2020 11:59:07 AM



Chloroform
Concen: 21.65 ug/l
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW017668.D
Acq: 18 Dec 2020 11:52

Tgt Ion:	83	Resp:	102683
Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.7	77.5





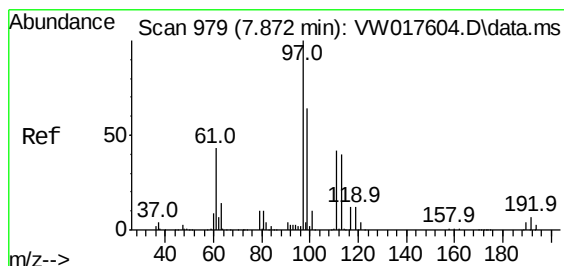
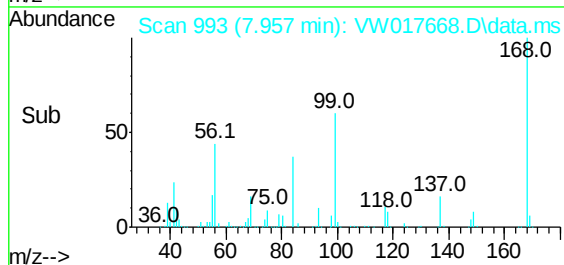
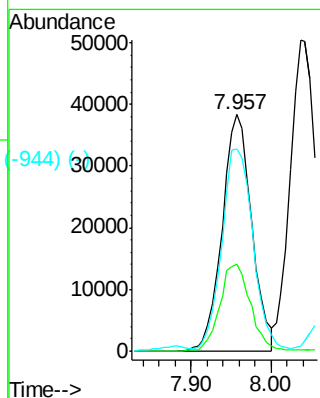
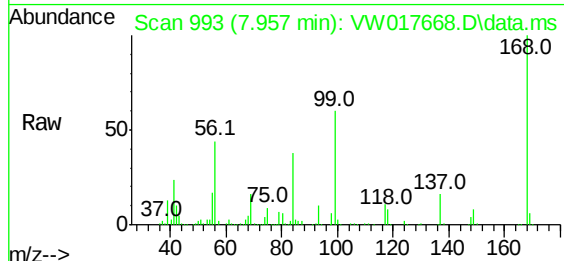
#31 (-)
Cyclohexane
Concen: 21.30 ug/l
RT: 7.957 min Scan# 993
Delta R.T. -0.001 min
Lab File: VW017668.D
Acq: 18 Dec 2020 11:52

Tgt Ion:	56	Resp:	97122
Ion Ratio	Lower	Upper	
56	100		
69	36.9	29.3	43.9
84	83.6	80.5	120.7

Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

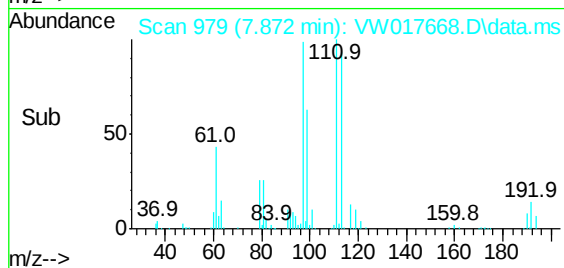
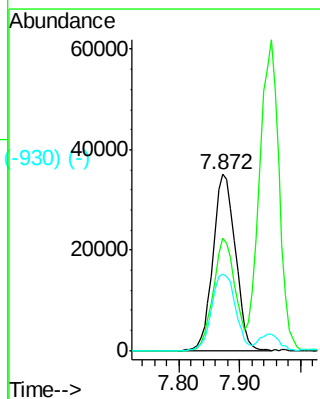
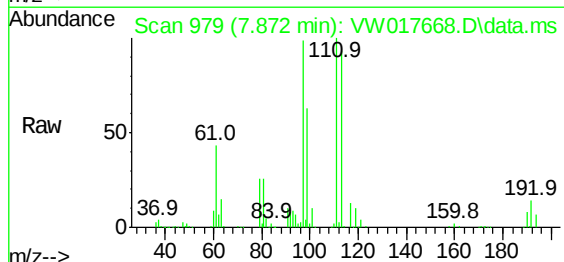
Manual Integrations
APPROVED

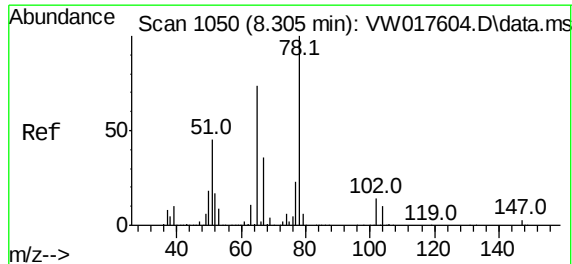
MMDadoda
12/21/2020 11:59:07 AM



#32 (-)
1,1,1-Trichloroethane
Concen: 21.75 ug/l
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW017668.D
Acq: 18 Dec 2020 11:52

Tgt Ion:	97	Resp:	88196
Ion Ratio	Lower	Upper	
97	100		
99	62.0	52.4	78.6
61	46.3	31.9	47.9





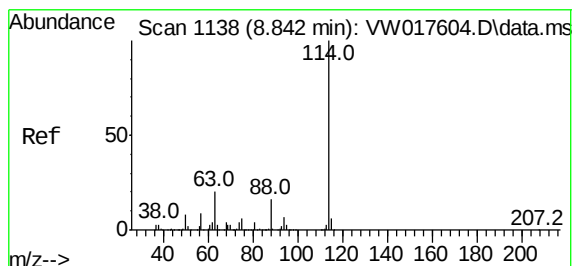
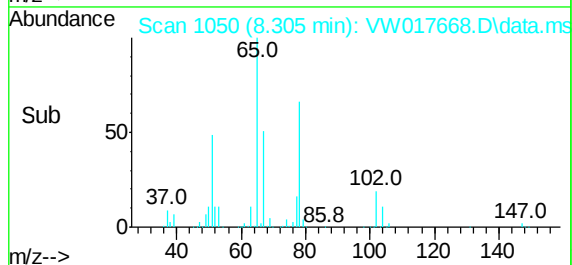
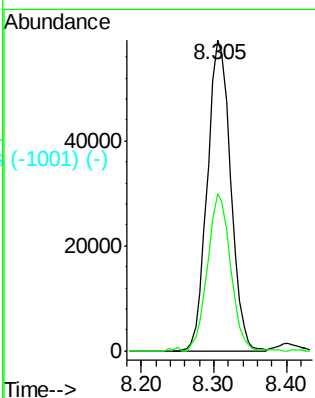
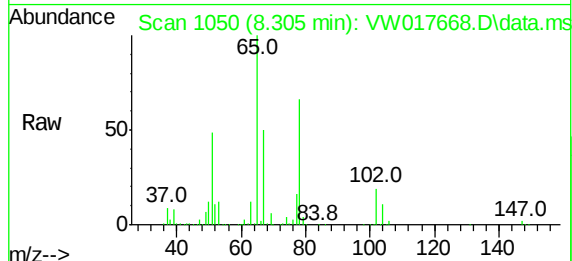
(#1050) (-)
 1,2-Dichloroethane-d4
 Concen: 49.70 ug/l
 RT: 8.305 min Scan# 1050
 Delta R.T. -0.000 min
 Lab File: VW017668.D
 Acq: 18 Dec 2020 11:52

Tgt Ion: 65 Resp: 131195
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 103.8

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1218SBS01

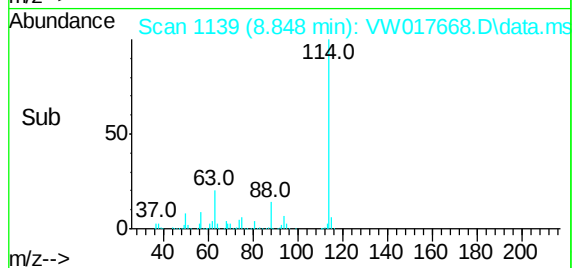
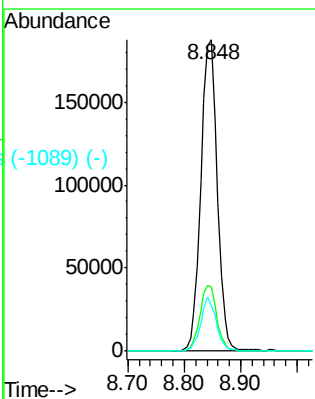
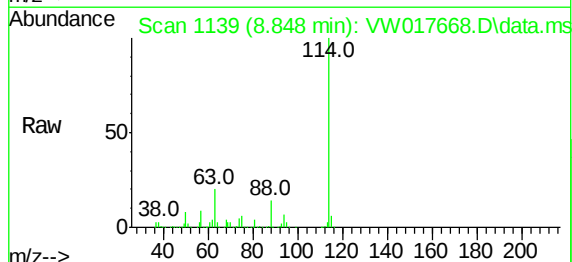
Manual Integrations
 APPROVED

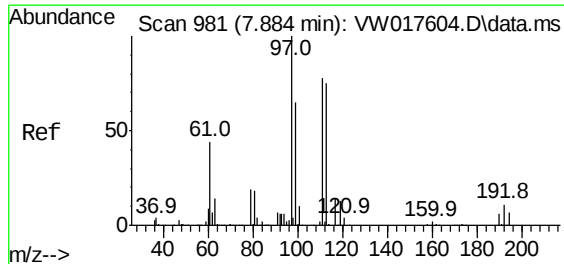
MMDadoda
 12/21/2020 11:59:07 AM



(#1138) (-)
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.848 min Scan# 1139
 Delta R.T. 0.006 min
 Lab File: VW017668.D
 Acq: 18 Dec 2020 11:52

Tgt Ion:114 Resp: 372253
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 35.6
 88 14.4 0.0 30.4



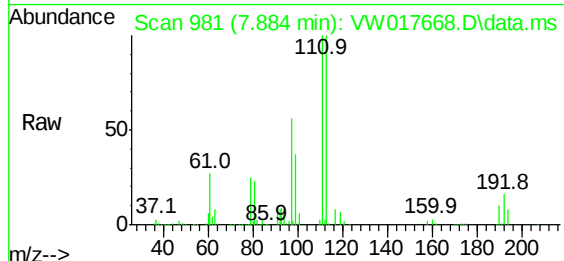


#975 (-)
Dibromofluoromethane
Concen: 48.78 ug/l
RT: 7.884 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW017668.D
Acq: 18 Dec 2020 11:52

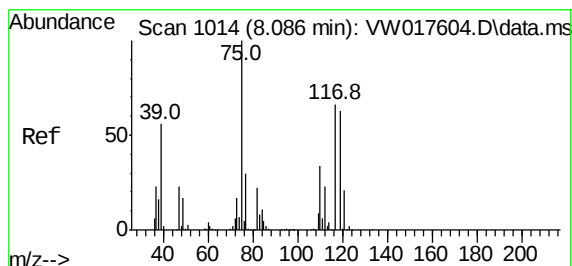
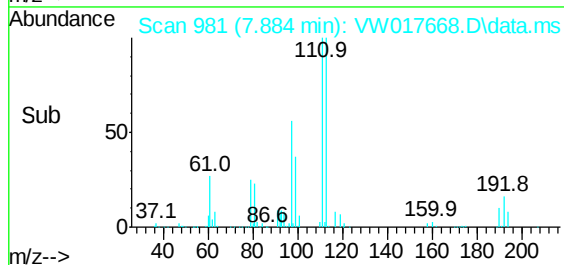
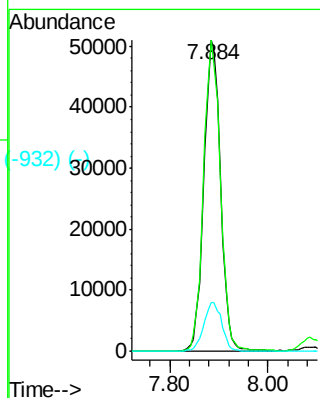
Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

Manual Integrations
APPROVED

MMDadoda
12/21/2020 11:59:07 AM

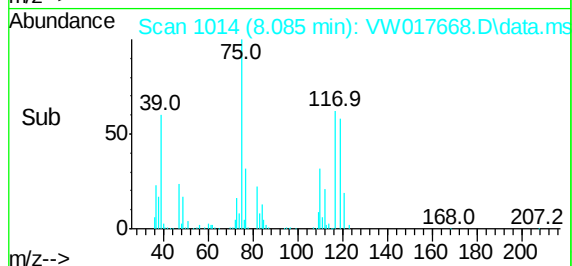
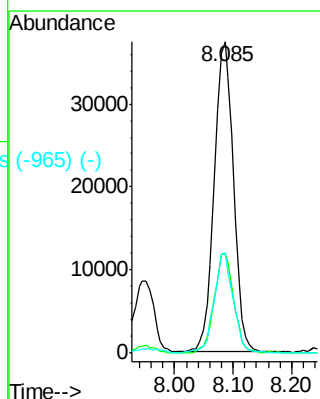
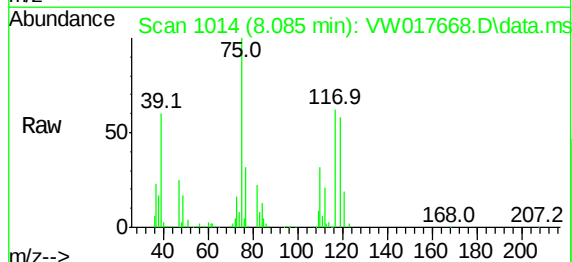


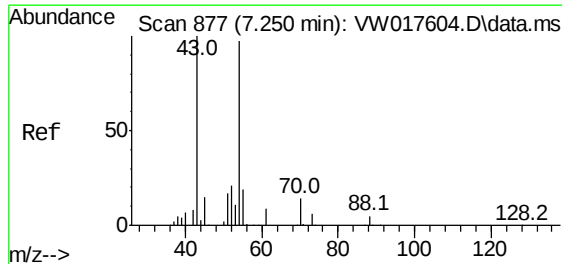
Tgt Ion:113 Resp: 120164
Ion Ratio Lower Upper
113 100
111 100.9 81.4 122.2
192 16.5 17.8 26.8#



#1001 (-)
1,1-Dichloropropene
Concen: 22.02 ug/l
RT: 8.085 min Scan# 1014
Delta R.T. -0.001 min
Lab File: VW017668.D
Acq: 18 Dec 2020 11:52

Tgt Ion: 75 Resp: 85810
Ion Ratio Lower Upper
75 100
110 32.0 19.3 57.9
77 31.2 25.0 37.6





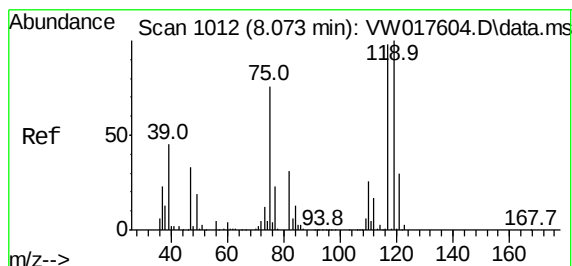
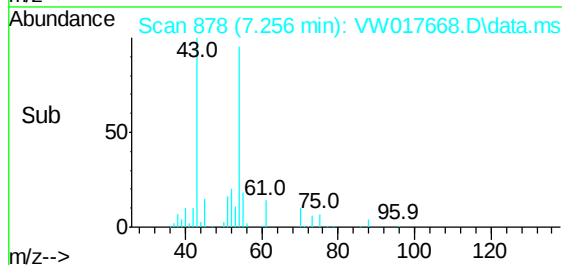
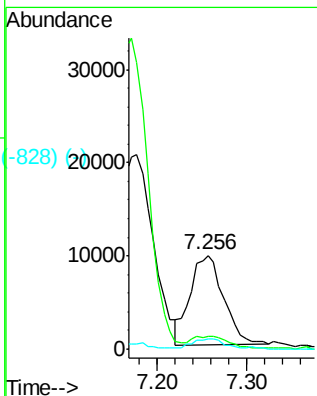
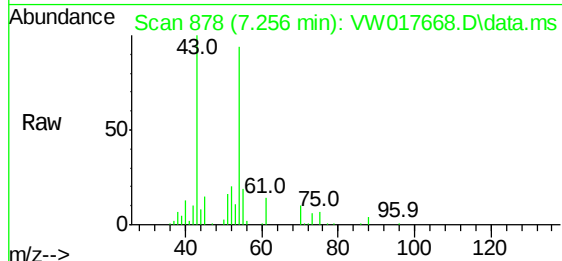
Ethyl Acetate
Concen: 15.39 ug/l
RT: 7.256 min Scan# 878
Delta R.T. 0.006 min
Lab File: VW017668.D
Acq: 18 Dec 2020 11:52

Tgt Ion:	43	Resp:	25063
Ion Ratio	Lower	Upper	
43	100		
61	14.7	12.0	18.0
70	10.7	9.9	14.9

Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

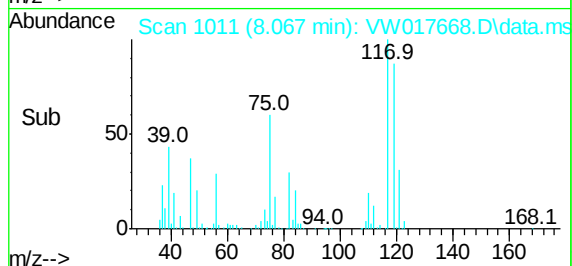
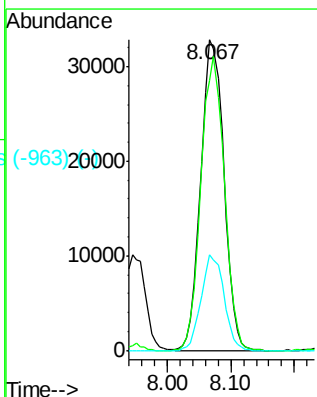
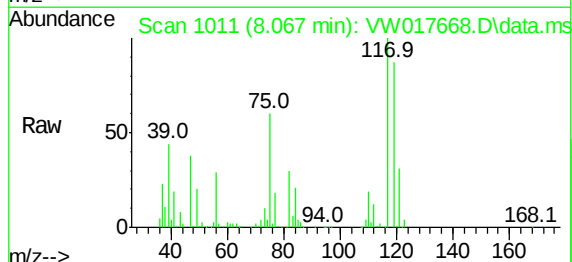
Manual Integrations
APPROVED

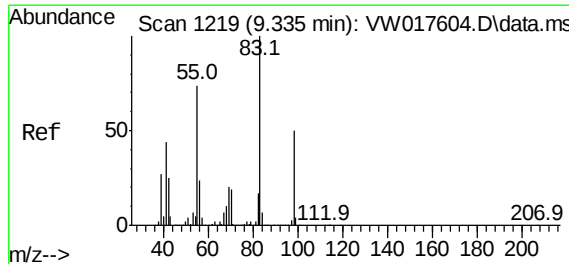
MMDadoda
12/21/2020 11:59:07 AM



Carbon Tetrachloride
Concen: 20.59 ug/l
RT: 8.067 min Scan# 1011
Delta R.T. -0.006 min
Lab File: VW017668.D
Acq: 18 Dec 2020 11:52

Tgt Ion:	117	Resp:	80639
Ion Ratio	Lower	Upper	
117	100		
119	86.9	81.6	122.4
121	30.7	25.7	38.5





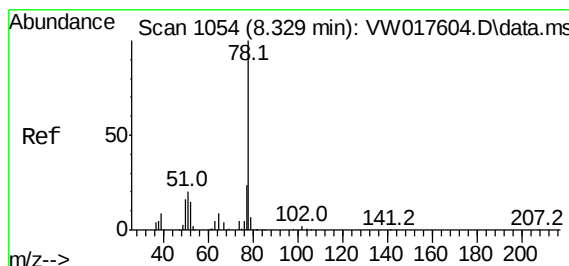
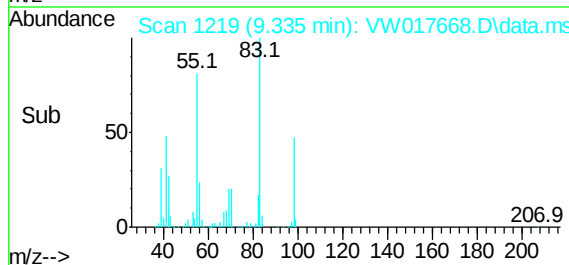
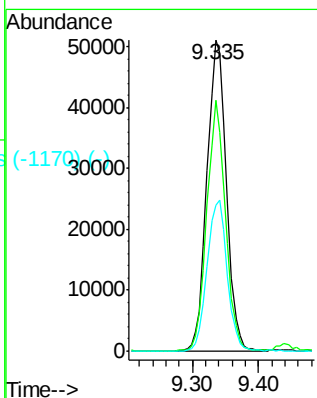
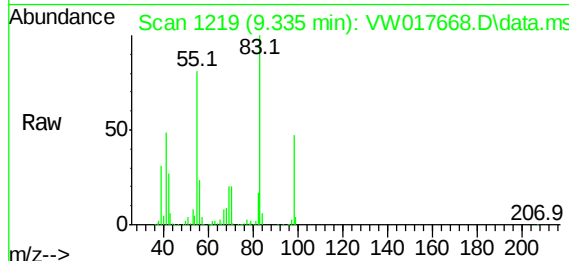
(#120) (-)
Methylcyclohexane
Concen: 21.03 ug/l
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW017668.D
Acq: 18 Dec 2020 11:52

Tgt Ion: 83 Resp: 103828
Ion Ratio Lower Upper
83 100
55 80.8 51.7 77.5#
98 46.7 41.0 61.4

Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

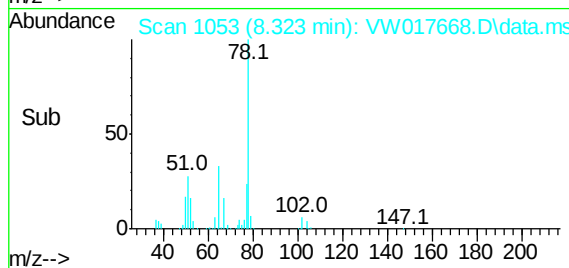
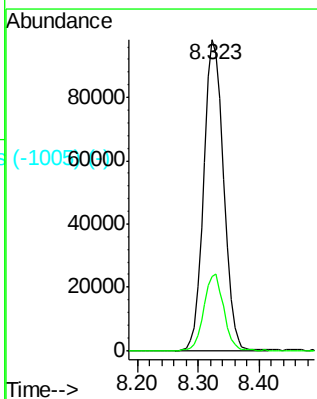
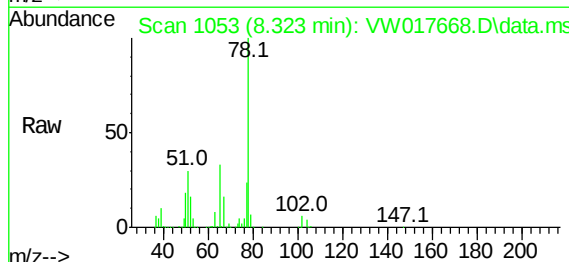
Manual Integrations
APPROVED

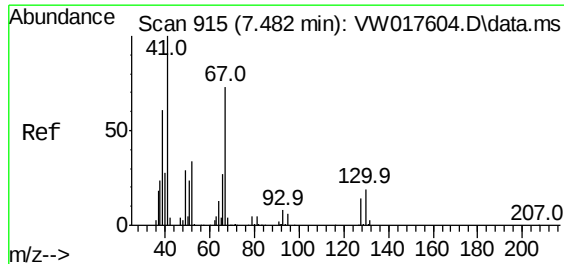
MMDadoda
12/21/2020 11:59:07 AM



(#109) (-)
Benzene
Concen: 21.44 ug/l
RT: 8.323 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VW017668.D
Acq: 18 Dec 2020 11:52

Tgt Ion: 78 Resp: 221287
Ion Ratio Lower Upper
78 100
77 23.8 18.5 27.7





Methacrylonitrile
Concen: 17.71 ug/l
RT: 7.482 min Scan# 915
Delta R.T. -0.000 min
Lab File: VW017668.D
Acq: 18 Dec 2020 11:52

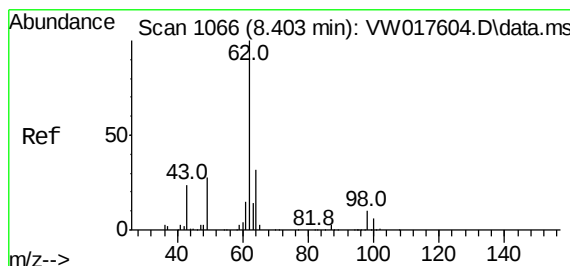
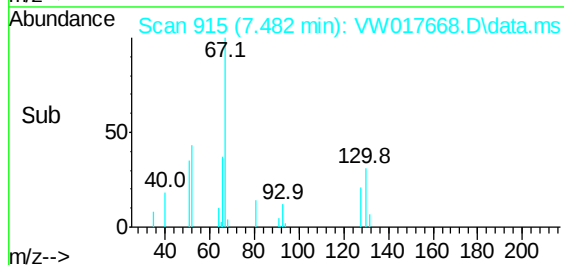
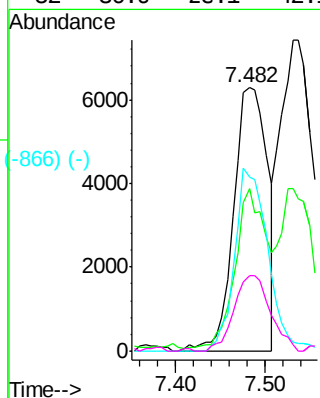
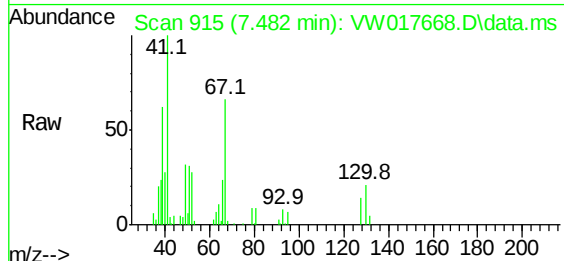
Tgt Ion: 41 Resp: 16290

Ion	Ratio	Lower	Upper
41	100		
39	55.8	47.0	70.6
67	69.0	68.6	102.8
52	30.9	28.1	42.1

Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

Manual Integrations
APPROVED

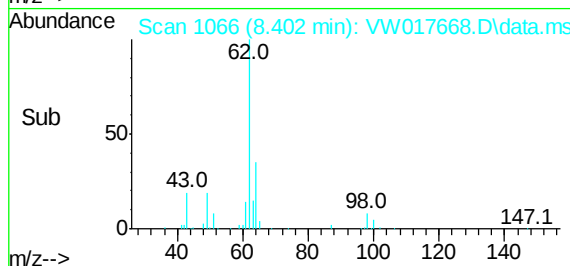
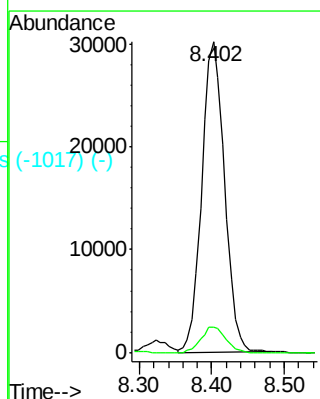
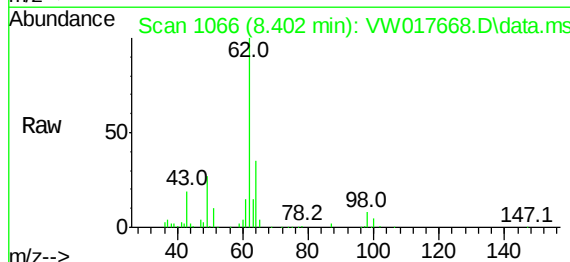
MMDadoda
12/21/2020 11:59:07 AM

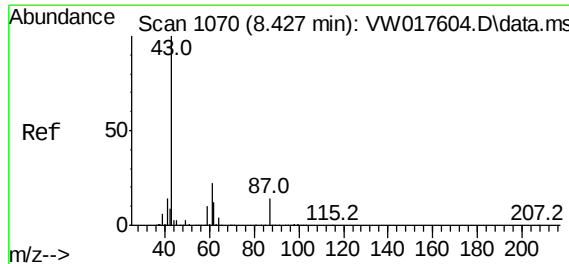


1,2-Dichloroethane
Concen: 20.94 ug/l
RT: 8.402 min Scan# 1066
Delta R.T. -0.001 min
Lab File: VW017668.D
Acq: 18 Dec 2020 11:52

Tgt Ion: 62 Resp: 65817

Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	21.0





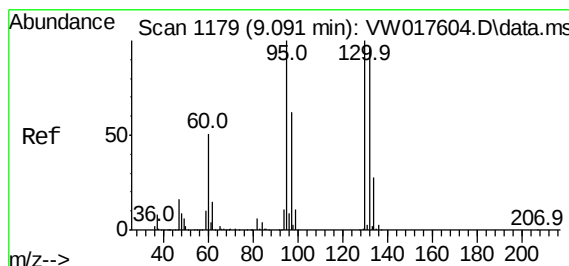
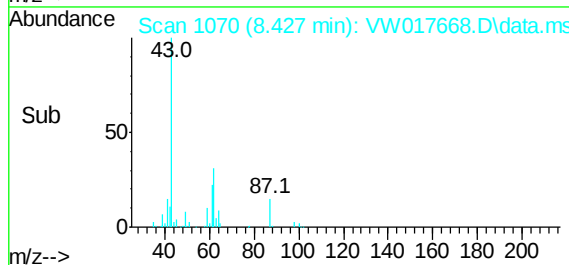
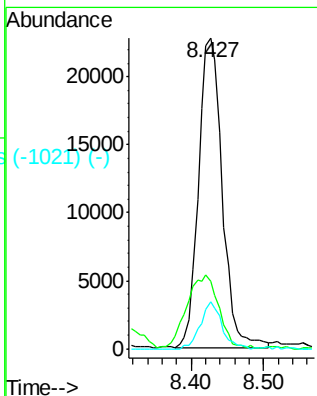
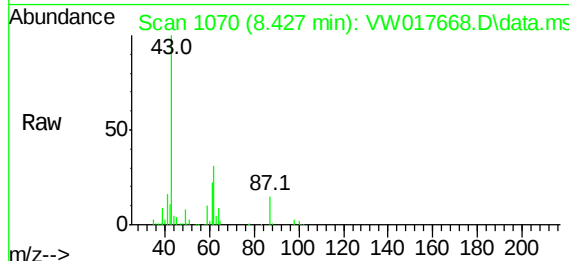
(#1061) (-)
Isopropyl Acetate
Concen: 16.87 ug/l
RT: 8.427 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW017668.D
Acq: 18 Dec 2020 11:52

Tgt Ion: 43 Resp: 51538
Ion Ratio Lower Upper
43 100
61 32.6 27.5 41.3
87 13.7 13.6 20.4

Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

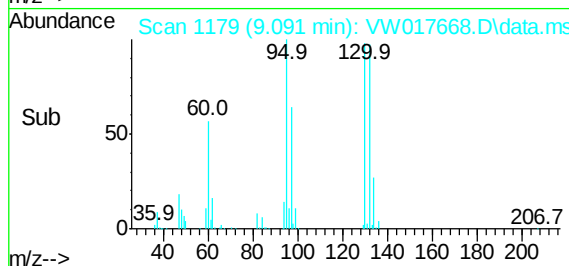
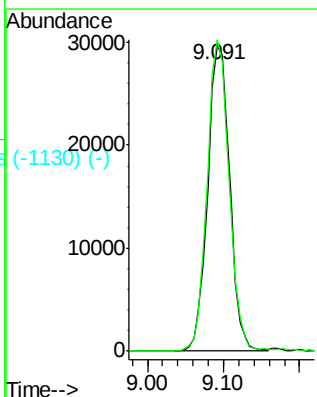
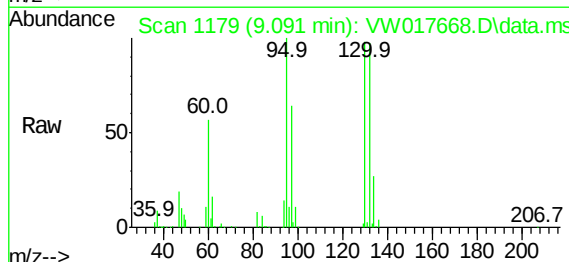
Manual Integrations
APPROVED

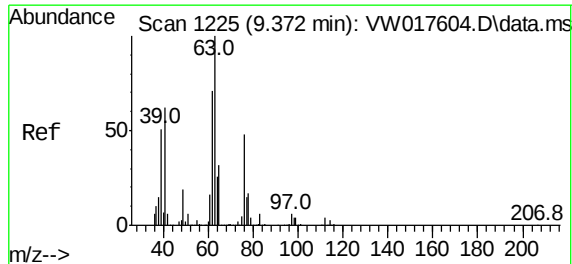
MMDadoda
12/21/2020 11:59:07 AM



(#1169) (-)
Trichloroethene
Concen: 20.86 ug/l
RT: 9.091 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW017668.D
Acq: 18 Dec 2020 11:52

Tgt Ion:130 Resp: 59416
Ion Ratio Lower Upper
130 100
95 102.1 0.0 180.2



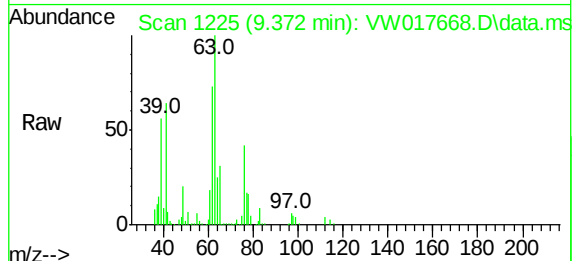


(#113) (-)
1,2-Dichloropropane
Concen: 21.28 ug/l
RT: 9.372 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VW017668.D
Acq: 18 Dec 2020 11:52

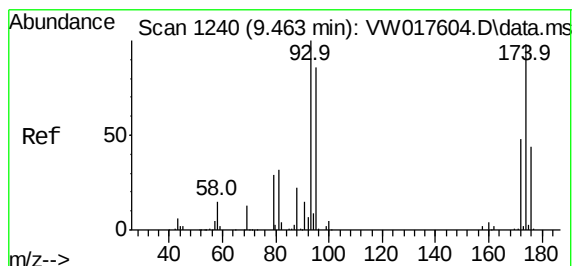
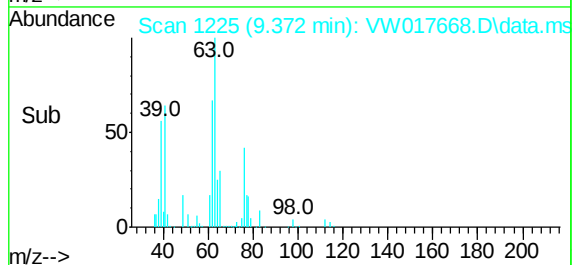
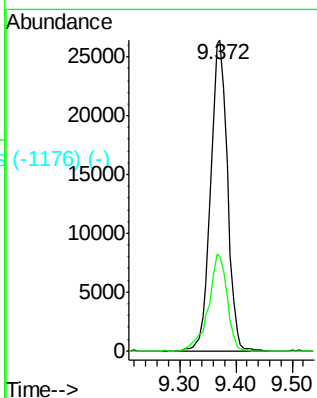
Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

Manual Integrations
APPROVED

MMDadoda
12/21/2020 11:59:07 AM

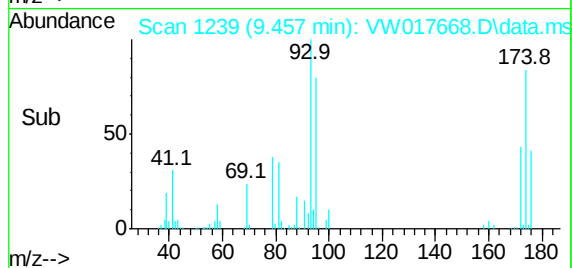
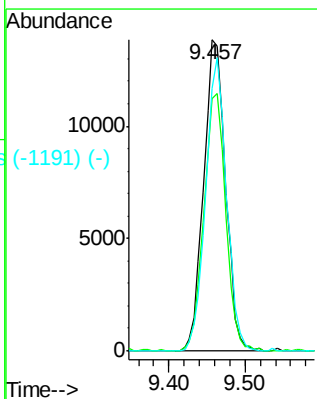
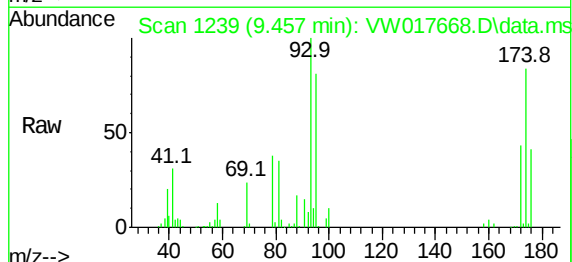


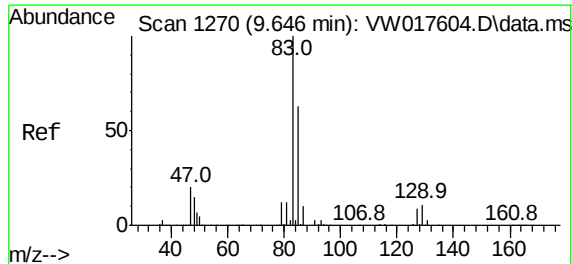
Tgt Ion: 63 Resp: 54223
Ion Ratio Lower Upper
63 100
65 30.6 25.1 37.7



(#112) (-)
Dibromomethane
Concen: 19.28 ug/l
RT: 9.457 min Scan# 1239
Delta R.T. -0.006 min
Lab File: VW017668.D
Acq: 18 Dec 2020 11:52

Tgt Ion: 93 Resp: 27479
Ion Ratio Lower Upper
93 100
95 82.6 66.5 99.7
174 89.9 91.0 136.6#



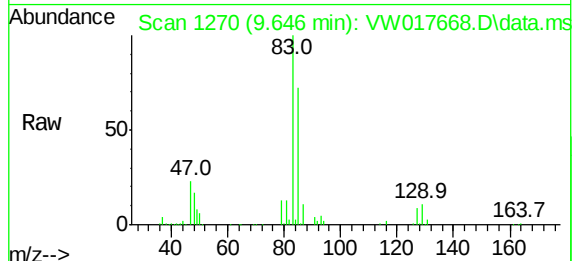


(#1258) (-)
Bromodichloromethane
Concen: 20.23 ug/l
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW017668.D
Acq: 18 Dec 2020 11:52

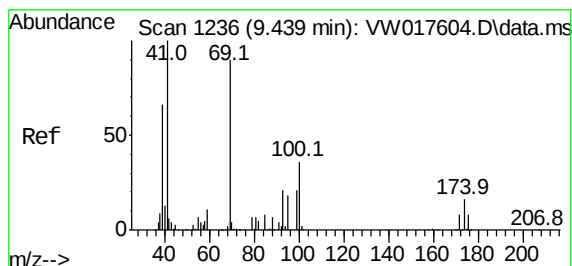
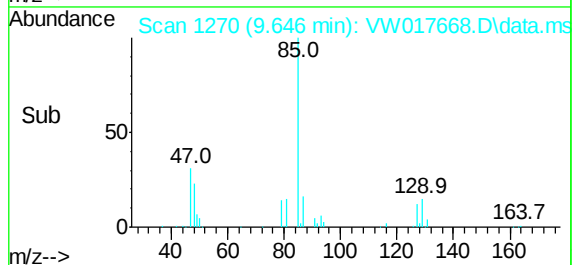
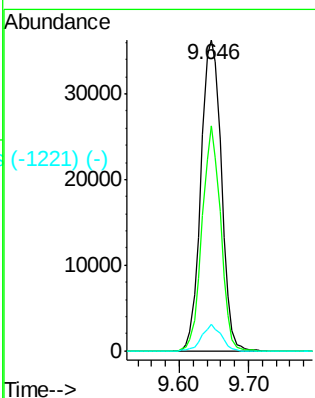
Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

Manual Integrations
APPROVED

MMDadoda
12/21/2020 11:59:07 AM

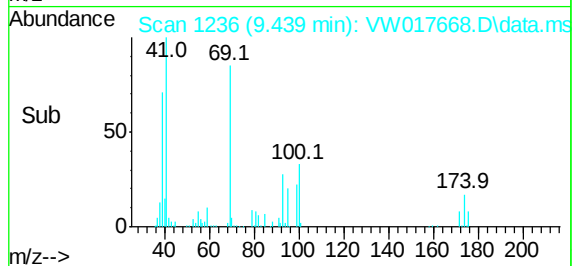
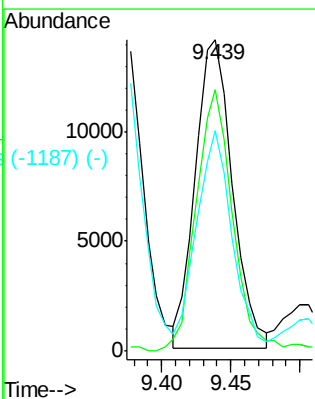
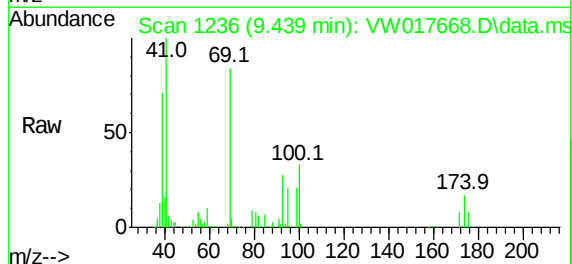


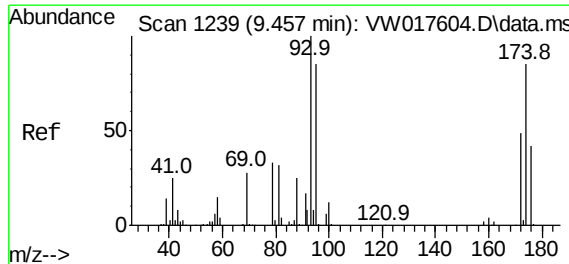
Tgt Ion: 83 Resp: 73487
Ion Ratio Lower Upper
83 100
85 72.4 52.7 79.1
127 8.6 7.8 11.6



(#1180) (-)
Methyl methacrylate
Concen: 17.55 ug/l
RT: 9.439 min Scan# 1236
Delta R.T. -0.000 min
Lab File: VW017668.D
Acq: 18 Dec 2020 11:52

Tgt Ion: 41 Resp: 26311
Ion Ratio Lower Upper
41 100
69 83.5 83.5 125.3#
39 62.5 50.9 76.3



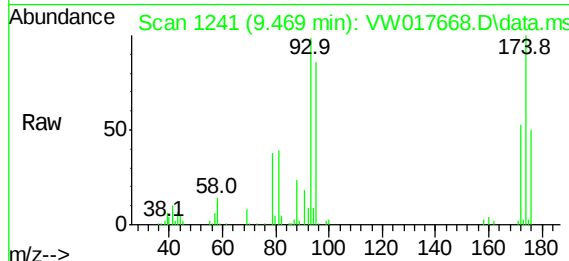


#1230 (-)
1,4-Dioxane
Concen: 362.12 ug/l
RT: 9.469 min Scan# 1241
Delta R.T. 0.012 min
Lab File: VW017668.D
Acq: 18 Dec 2020 11:52

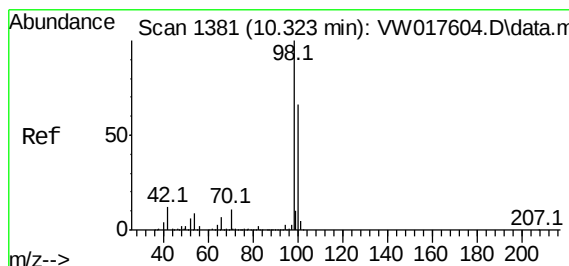
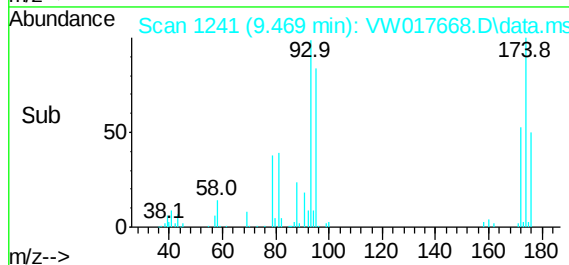
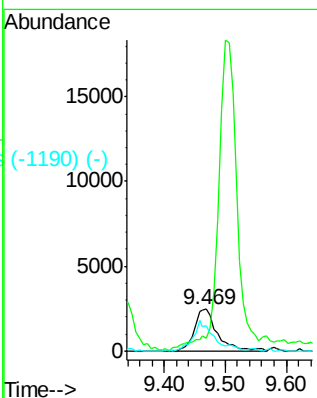
Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

Manual Integrations
APPROVED

MMDadoda
12/21/2020 11:59:07 AM

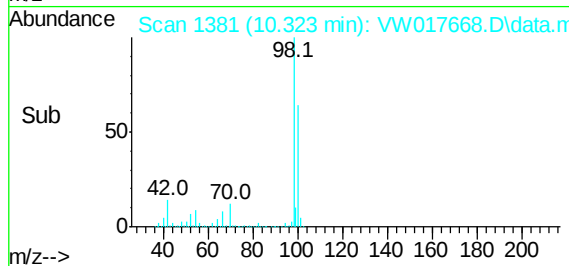
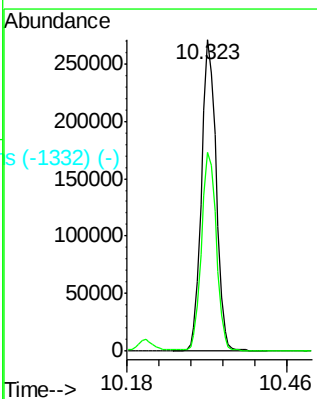
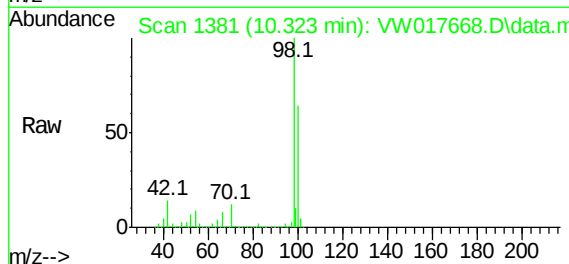


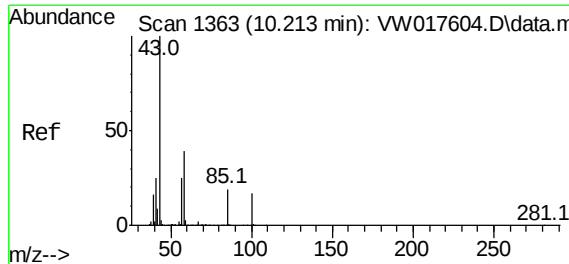
Tgt Ion: 88 Resp: 6385
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 67.0 54.0 81.0



#5071 (-)
Toluene-d8
Concen: 49.77 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VW017668.D
Acq: 18 Dec 2020 11:52

Tgt Ion: 98 Resp: 477368
Ion Ratio Lower Upper
98 100
100 65.0 53.3 79.9





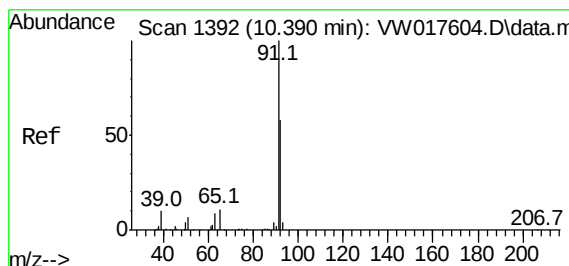
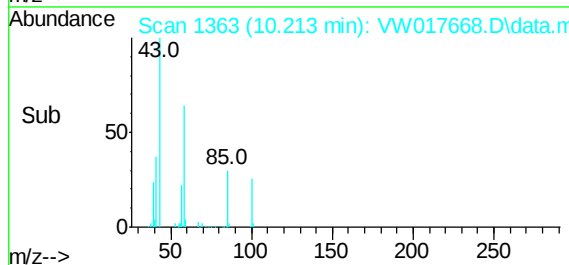
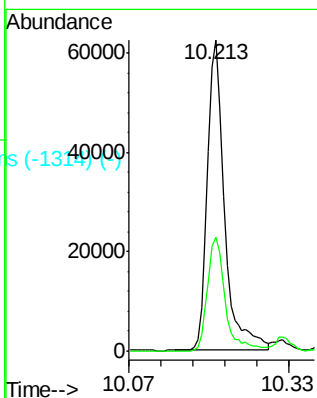
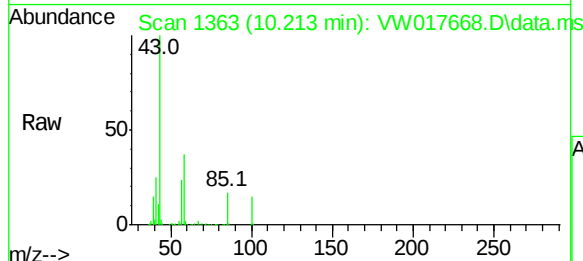
#51853 (-)
4-Methyl-2-Pentanone
Concen: 79.86 ug/l
RT: 10.213 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VW017668.D
Acq: 18 Dec 2020 11:52

Tgt Ion: 43 Resp: 121455
Ion Ratio Lower Upper
43 100
58 37.8 34.7 52.1

Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

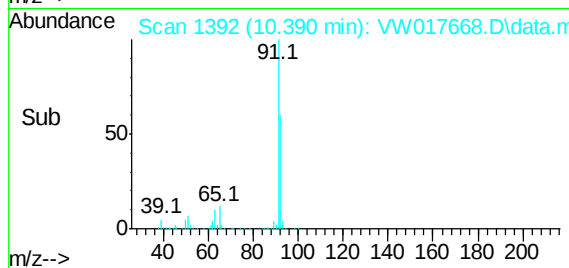
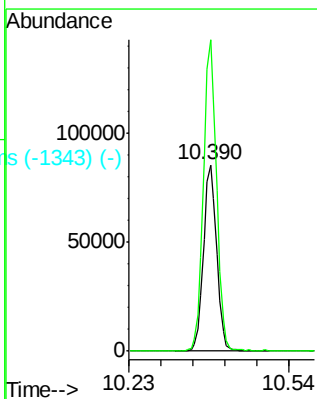
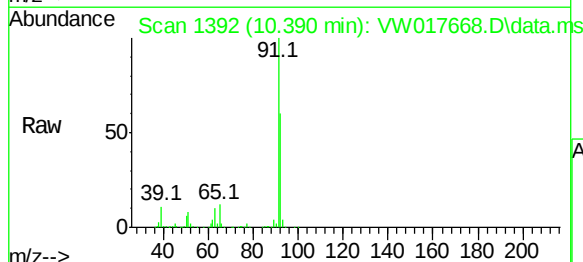
Manual Integrations
APPROVED

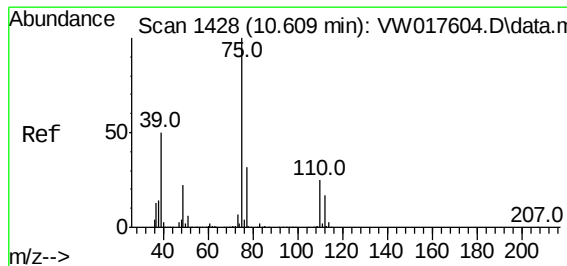
MMDadoda
12/21/2020 11:59:07 AM



#51883 (-)
Toluene
Concen: 21.78 ug/l
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW017668.D
Acq: 18 Dec 2020 11:52

Tgt Ion: 92 Resp: 147063
Ion Ratio Lower Upper
92 100
91 167.4 134.7 202.1





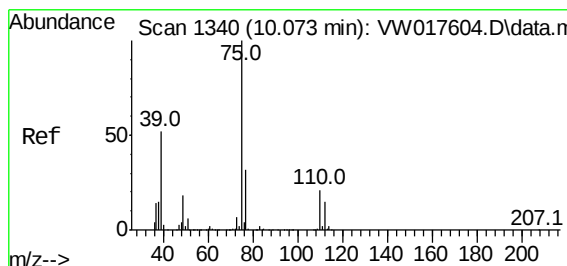
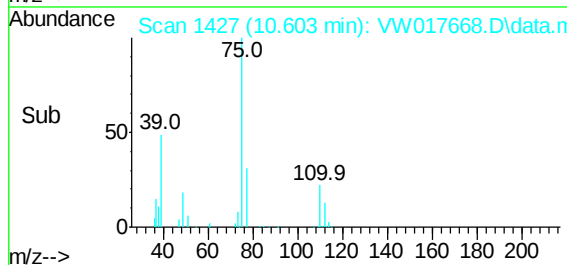
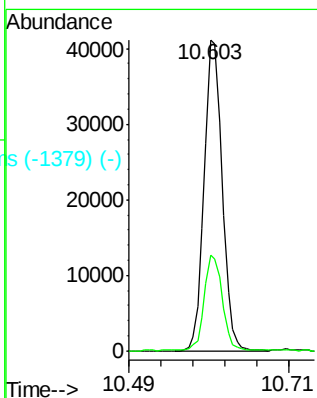
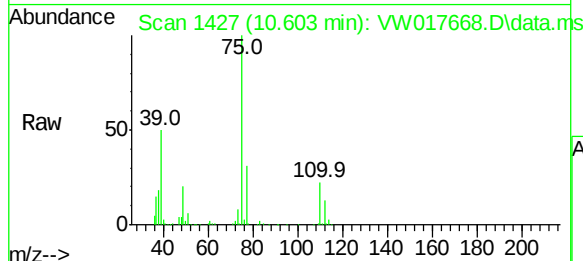
#54
t-1,3-Dichloropropene
Concen: 19.19 ug/l
RT: 10.603 min Scan# 1427
Delta R.T. -0.006 min
Lab File: VW017668.D
Acq: 18 Dec 2020 11:52

Tgt Ion: 75 Resp: 71361
Ion Ratio Lower Upper
75 100
77 30.9 24.8 37.2

Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

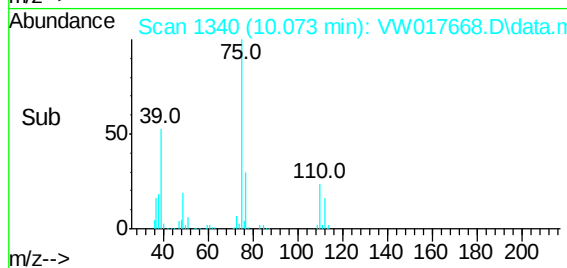
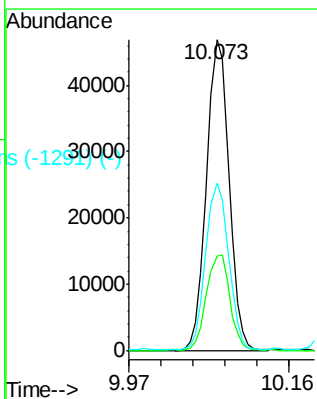
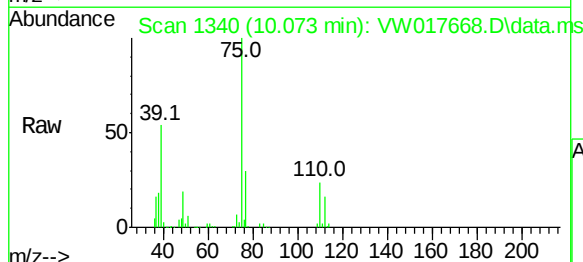
Manual Integrations
APPROVED

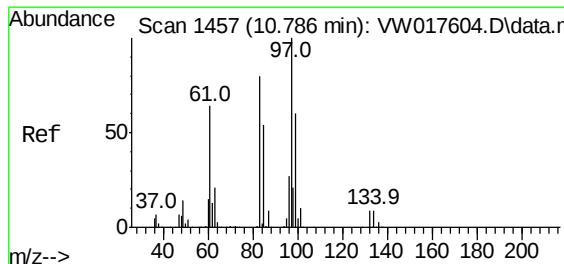
MMDadoda
12/21/2020 11:59:07 AM



#54
cis-1,3-Dichloropropene
Concen: 19.57 ug/l
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW017668.D
Acq: 18 Dec 2020 11:52

Tgt Ion: 75 Resp: 84124
Ion Ratio Lower Upper
75 100
77 30.3 25.8 38.6
39 53.6 32.9 49.3#



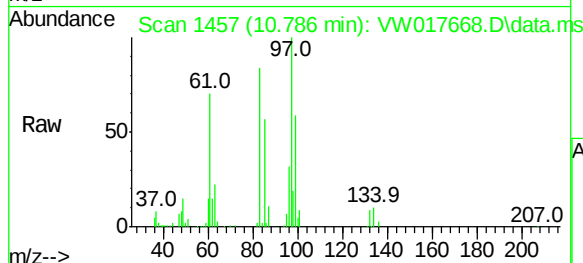


1,1,2-Trichloroethane
 Concen: 18.49 ug/l
 RT: 10.786 min Scan# 1457
 Delta R.T. 0.000 min
 Lab File: VW017668.D
 Acq: 18 Dec 2020 11:52

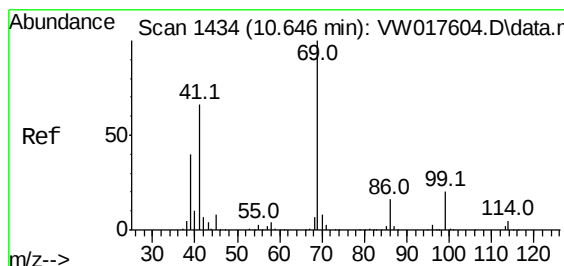
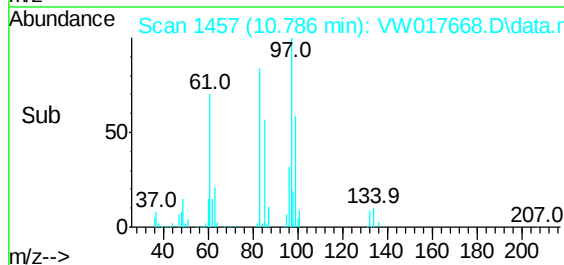
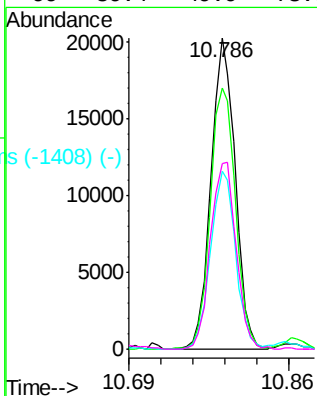
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1218SBS01

Manual Integrations
 APPROVED

MMDadoda
 12/21/2020 11:59:07 AM

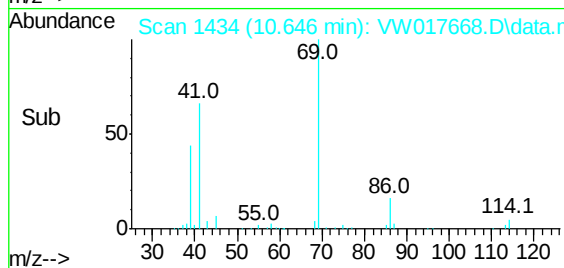
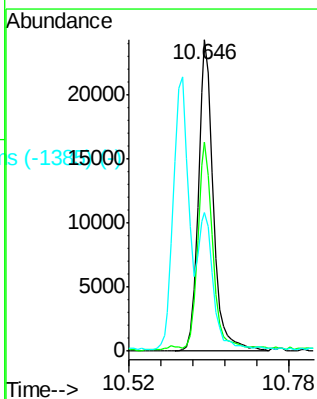
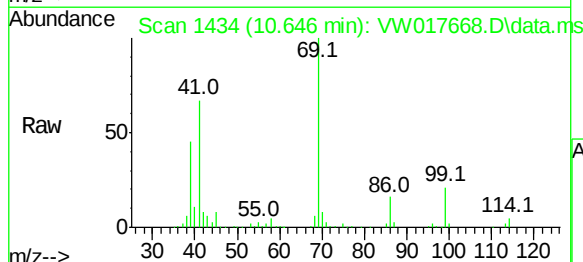


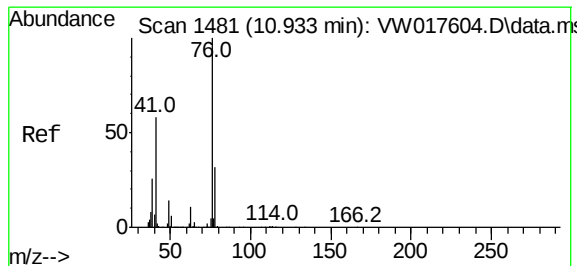
Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.5	64.6	97.0
85	57.1	40.6	61.0
99	59.4	49.0	73.6



Ethyl methacrylate
 Concen: 17.04 ug/l
 RT: 10.646 min Scan# 1434
 Delta R.T. -0.000 min
 Lab File: VW017668.D
 Acq: 18 Dec 2020 11:52

Tgt Ion	Ratio	Lower	Upper
69	100		
41	66.9	46.3	69.5
39	43.9	25.9	38.9#



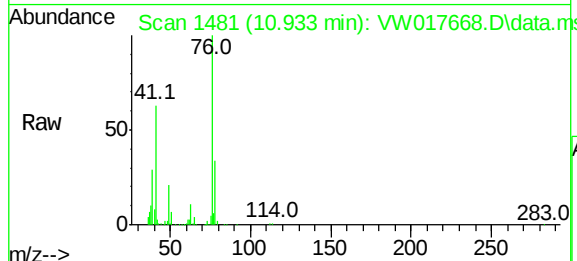


#1472) (-)
1,3-Dichloropropane
Concen: 19.18 ug/l
RT: 10.933 min Scan# 1481
Delta R.T. -0.000 min
Lab File: VW017668.D
Acq: 18 Dec 2020 11:52

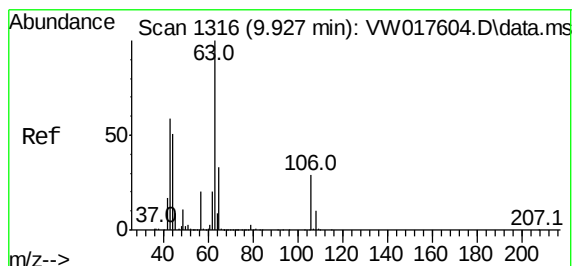
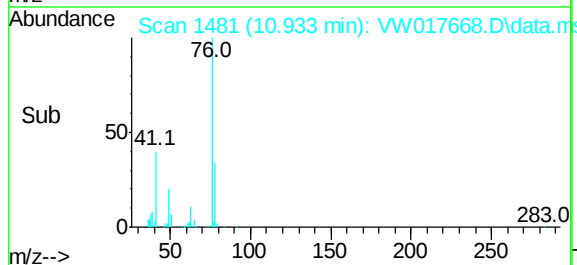
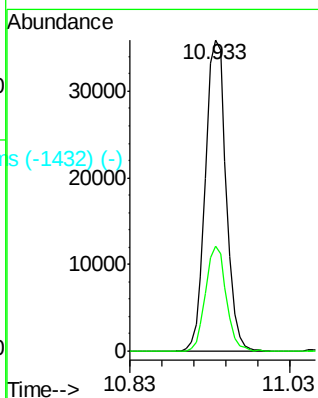
Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

Manual Integrations
APPROVED

MMDadoda
12/21/2020 11:59:07 AM

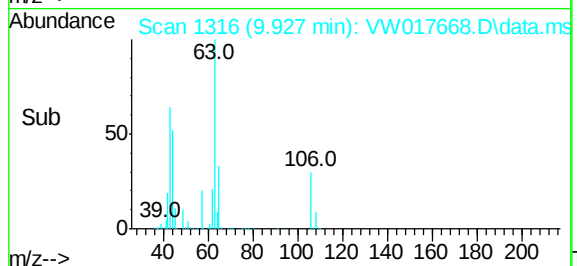
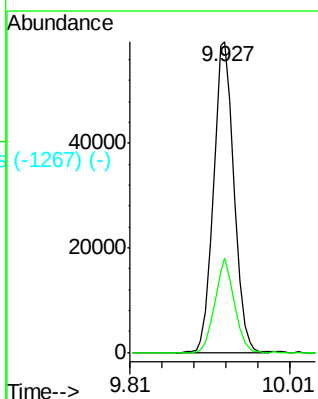
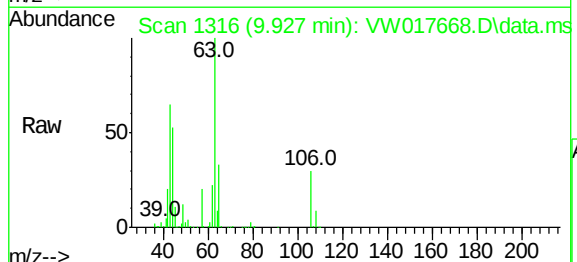


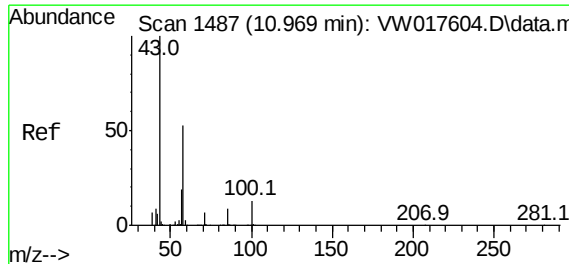
Tgt Ion: 76 Resp: 64575
Ion Ratio Lower Upper
76 100
78 33.3 26.0 39.0



#1507) (-)
2-Chloroethyl Vinyl ether
Concen: 89.19 ug/l
RT: 9.927 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VW017668.D
Acq: 18 Dec 2020 11:52

Tgt Ion: 63 Resp: 105011
Ion Ratio Lower Upper
63 100
106 28.6 27.0 40.4



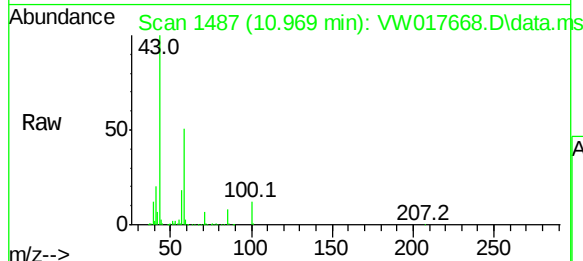


2-Hexanone
Concen: 81.58 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW017668.D
Acq: 18 Dec 2020 11:52

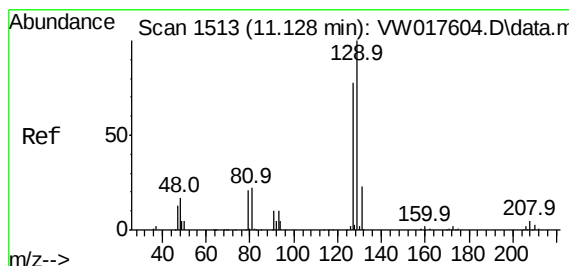
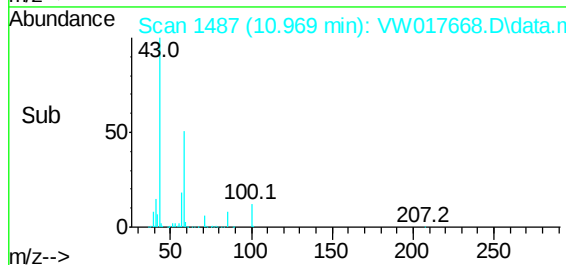
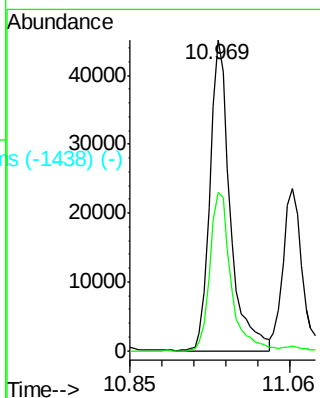
Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

Manual Integrations
APPROVED

MMDadoda
12/21/2020 11:59:07 AM

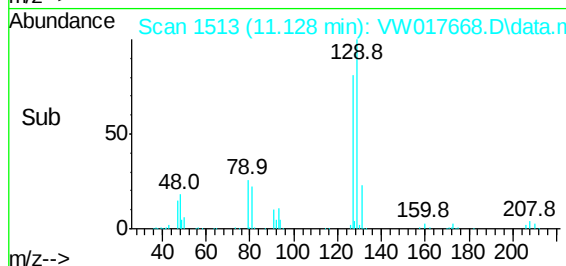
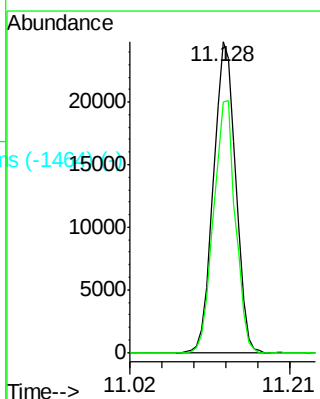
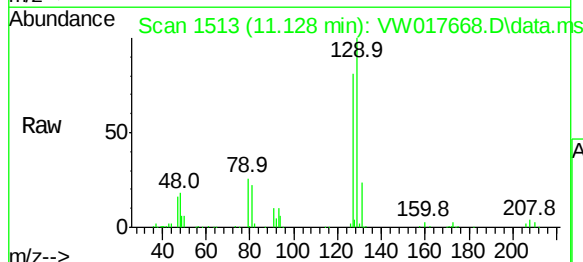


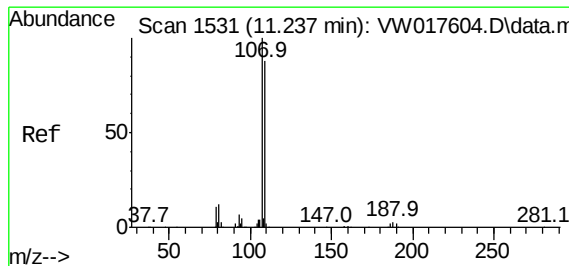
Tgt Ion: 43 Resp: 83001
Ion Ratio Lower Upper
43 100
58 53.1 29.5 88.5



Dibromochloromethane
Concen: 18.47 ug/l
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW017668.D
Acq: 18 Dec 2020 11:52

Tgt Ion: 129 Resp: 44050
Ion Ratio Lower Upper
129 100
127 79.5 38.9 116.6





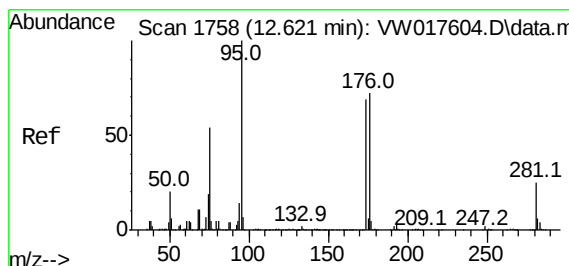
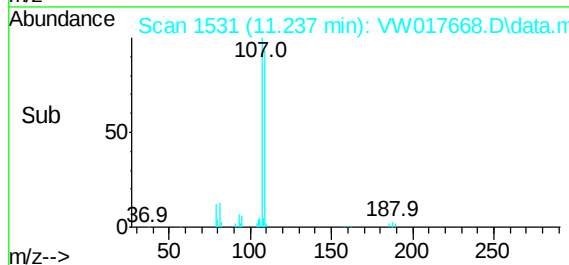
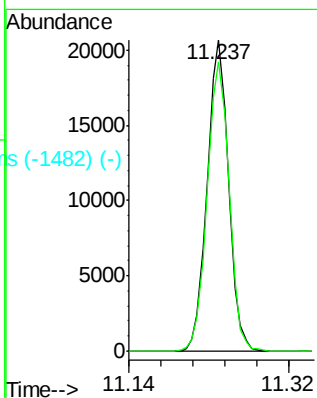
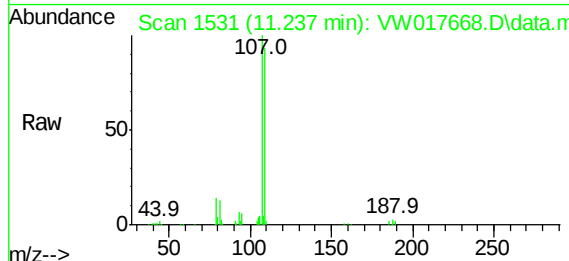
#6122 (-)
1,2-Dibromoethane
Concen: 18.16 ug/l
RT: 11.237 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VW017668.D
Acq: 18 Dec 2020 11:52

Tgt Ion: 107 Resp: 34202
Ion Ratio Lower Upper
107 100
109 96.3 74.7 112.1

Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

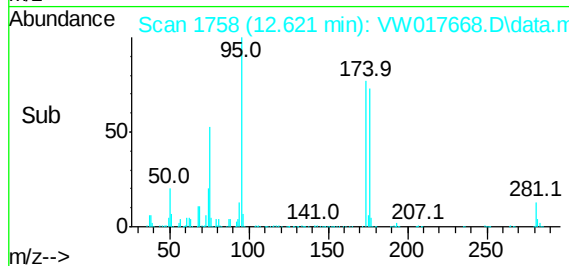
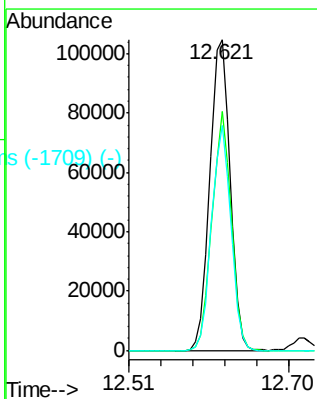
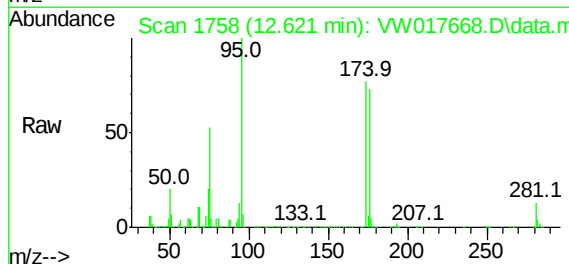
Manual Integrations
APPROVED

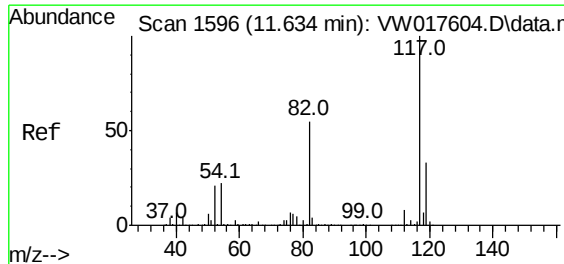
MMDadoda
12/21/2020 11:59:07 AM



#6149 (-)
4-Bromofluorobenzene
Concen: 49.22 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.000 min
Lab File: VW017668.D
Acq: 18 Dec 2020 11:52

Tgt Ion: 95 Resp: 168538
Ion Ratio Lower Upper
95 100
174 72.9 0.0 180.6
176 69.2 0.0 177.6



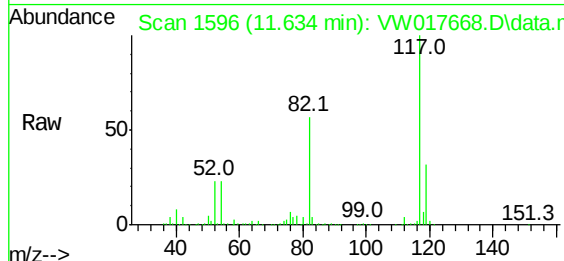


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW017668.D
Acq: 18 Dec 2020 11:52

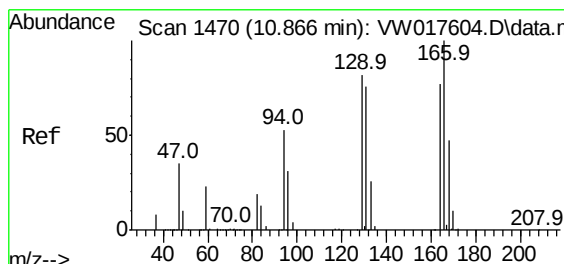
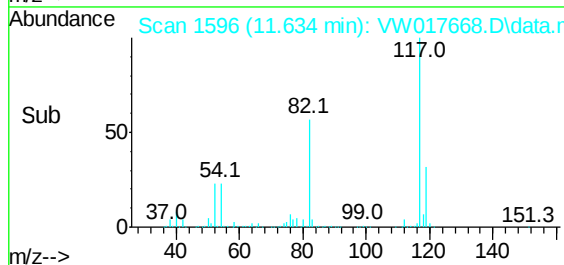
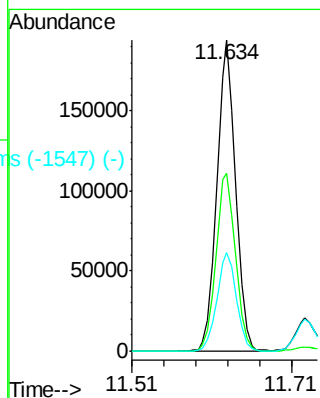
Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

Manual Integrations
APPROVED

MMDadoda
12/21/2020 11:59:07 AM

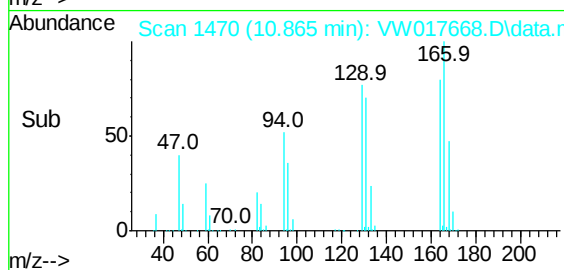
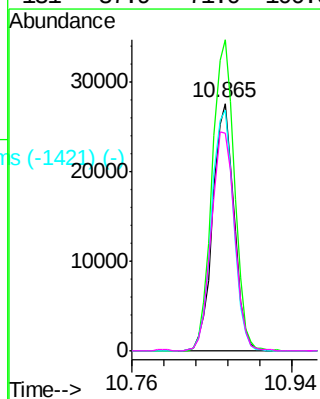
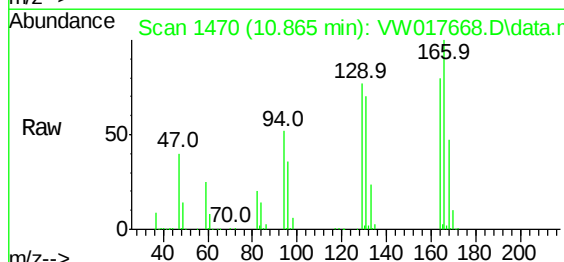


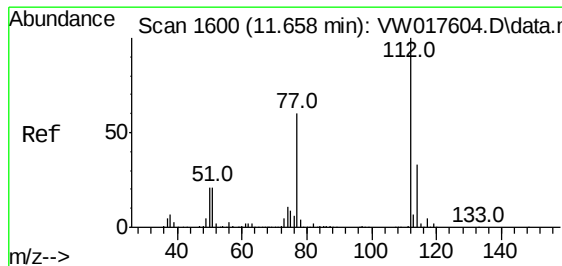
Tgt Ion:117 Resp: 314338
Ion Ratio Lower Upper
117 100
82 57.1 40.7 61.1
119 31.6 25.0 37.4



#64
Tetrachloroethene
Concen: 21.69 ug/l
RT: 10.865 min Scan# 1470
Delta R.T. -0.001 min
Lab File: VW017668.D
Acq: 18 Dec 2020 11:52

Tgt Ion:164 Resp: 46506
Ion Ratio Lower Upper
164 100
166 125.7 105.3 157.9
129 97.4 68.8 103.2
131 87.9 71.0 106.6





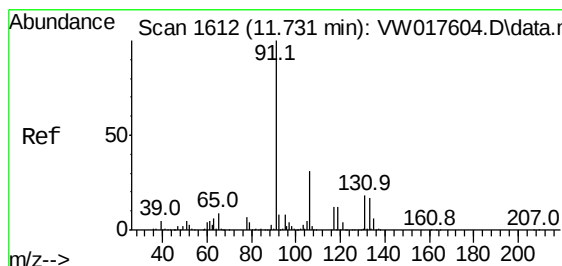
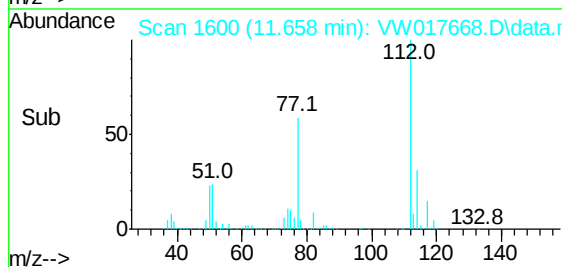
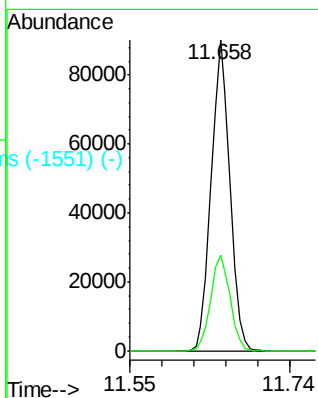
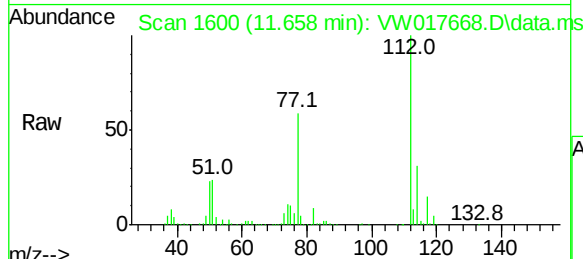
#65
Chlorobenzene
Concen: 21.70 ug/l
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW017668.D
Acq: 18 Dec 2020 11:52

Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

Tgt Ion:112 Resp: 146664
Ion Ratio Lower Upper
112 100
114 30.7 25.3 37.9

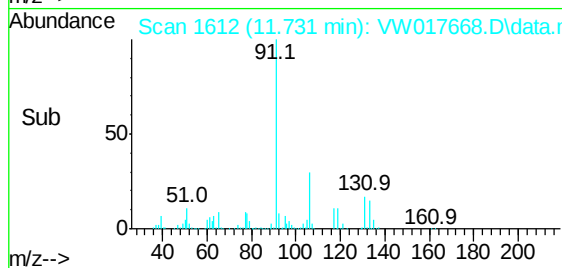
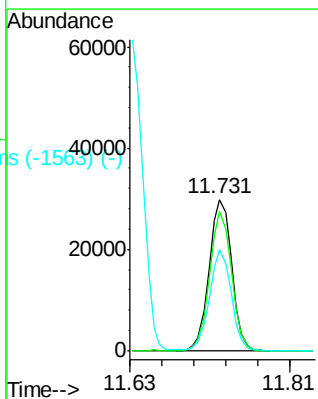
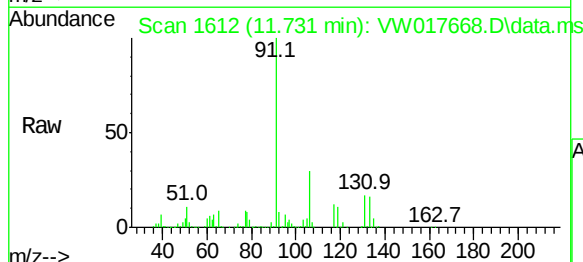
Manual Integrations
APPROVED

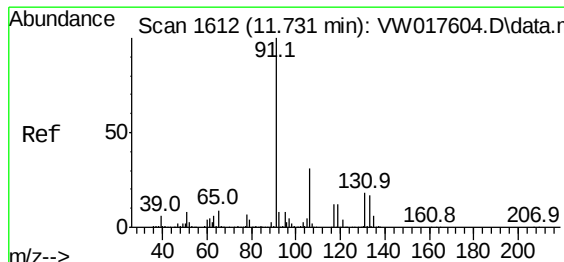
MMDadoda
12/21/2020 11:59:07 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 21.67 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW017668.D
Acq: 18 Dec 2020 11:52

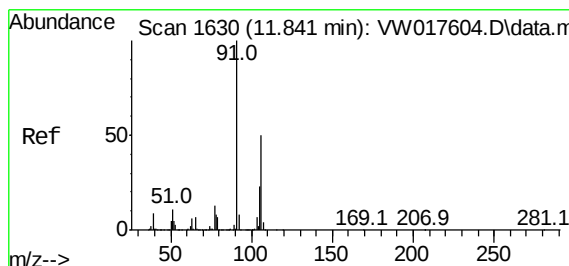
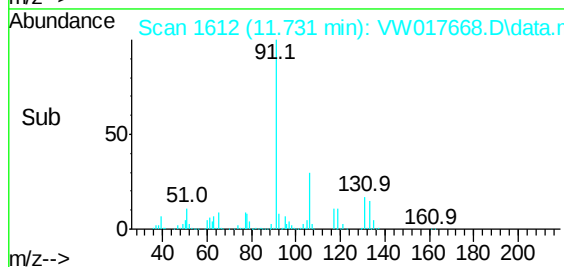
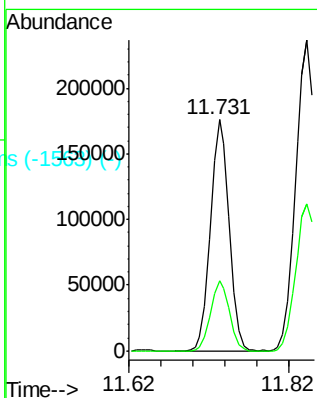
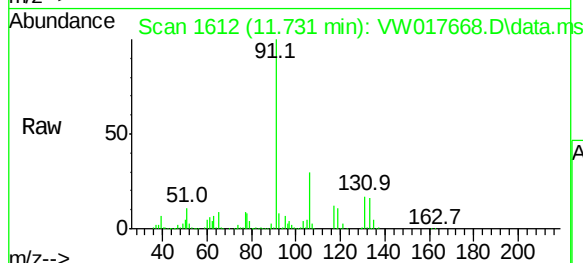
Tgt Ion:131 Resp: 51962
Ion Ratio Lower Upper
131 100
133 89.9 48.1 144.3
119 64.3 32.5 97.4





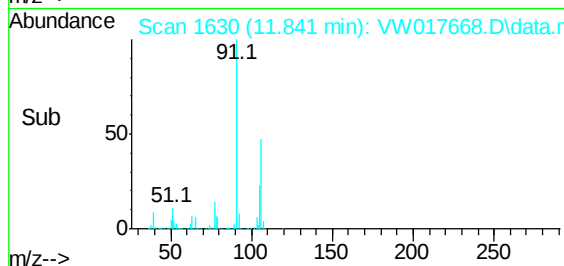
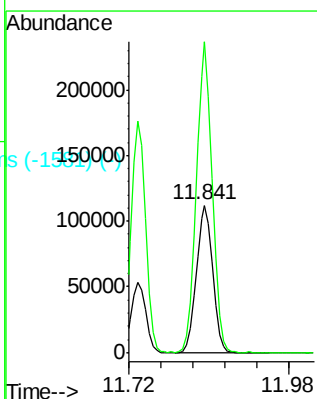
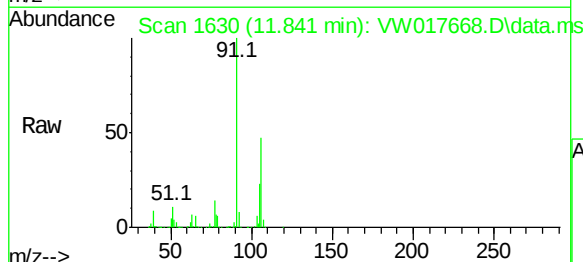
#67
Ethyl Benzene
Concen: 22.71 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW017668.D
Acq: 18 Dec 2020 11:52

Tgt Ion: 91 Resp: 285198
Ion Ratio Lower Upper
91 100
106 30.2 25.9 38.9



#68
m/p-Xylenes
Concen: 44.18 ug/l
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW017668.D
Acq: 18 Dec 2020 11:52

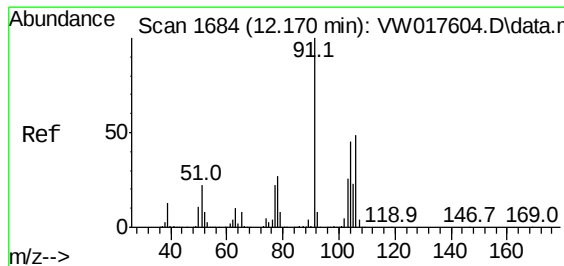
Tgt Ion:106 Resp: 211566
Ion Ratio Lower Upper
106 100
91 205.2 157.4 236.0



Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

Manual Integrations
APPROVED

MMDadoda
12/21/2020 11:59:07 AM



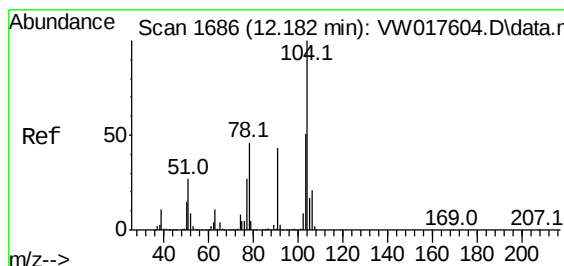
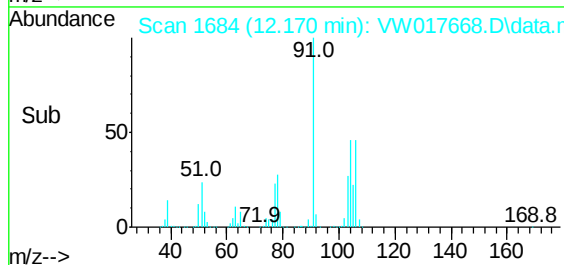
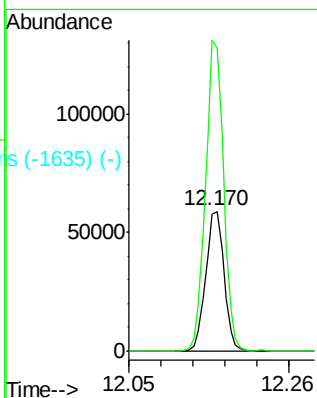
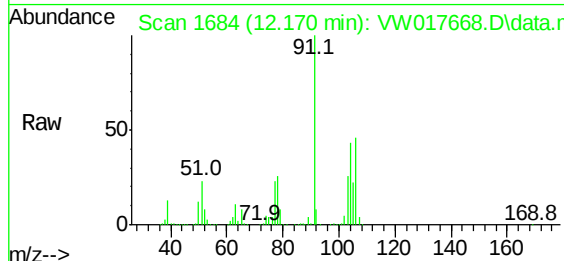
#6875 (-)
o-Xylene
Concen: 21.58 ug/l
RT: 12.170 min Scan# 1684
Delta R.T. 0.000 min
Lab File: VW017668.D
Acq: 18 Dec 2020 11:52

Tgt Ion:106 Resp: 97448
Ion Ratio Lower Upper
106 100
91 220.2 103.6 310.9

Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

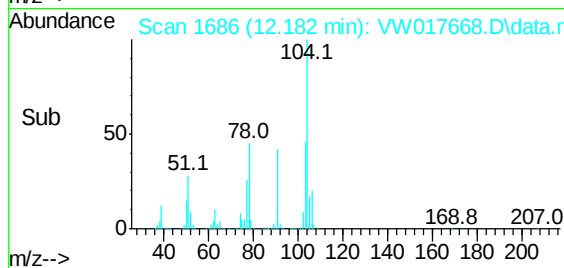
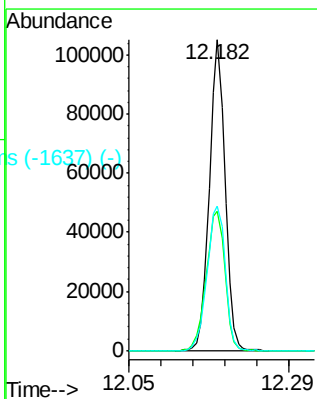
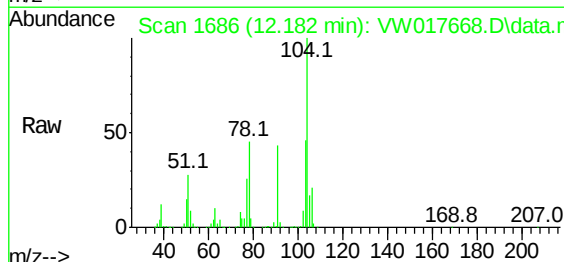
Manual Integrations
APPROVED

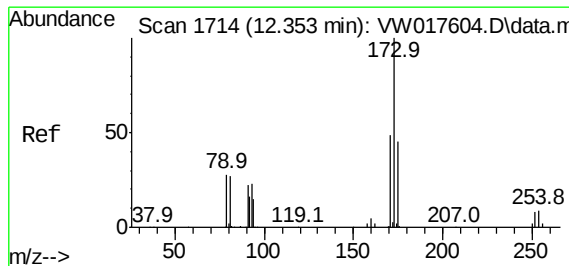
MMDadoda
12/21/2020 11:59:07 AM



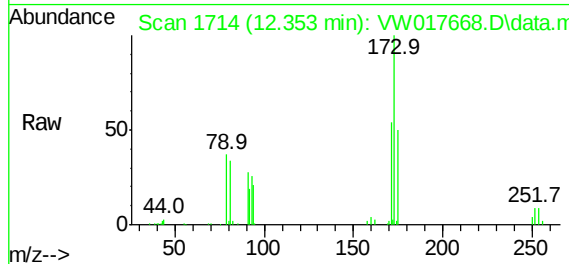
#7076 (-)
Styrene
Concen: 21.83 ug/l
RT: 12.182 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW017668.D
Acq: 18 Dec 2020 11:52

Tgt Ion:104 Resp: 164661
Ion Ratio Lower Upper
104 100
78 53.2 37.6 56.4
103 53.8 43.6 65.4

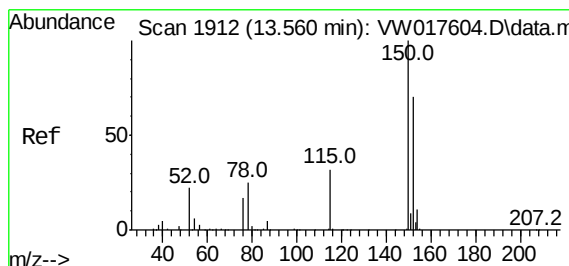
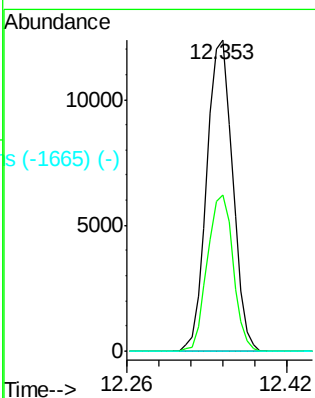
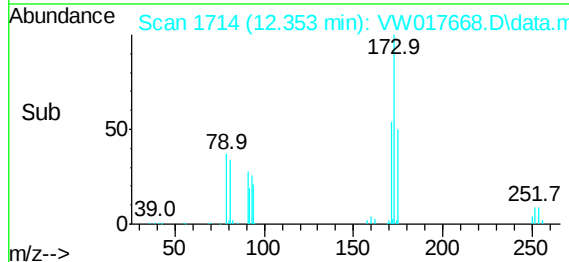




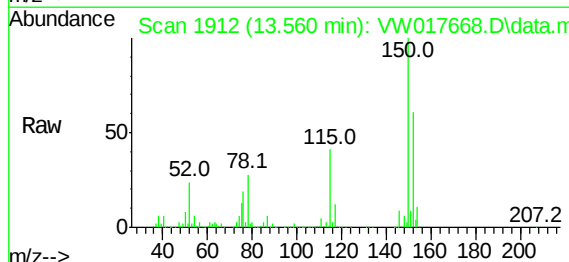
#71705 (-)
Bromoform
Concen: 16.98 ug/l
RT: 12.353 min Scan# 1714
Delta R.T. 0.000 min
Lab File: VW017668.D
Acq: 18 Dec 2020 11:52



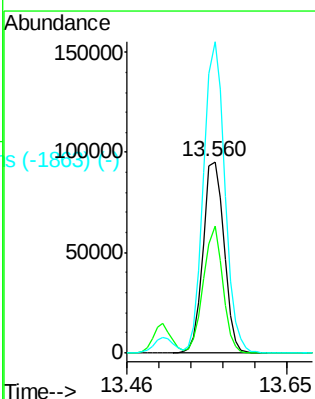
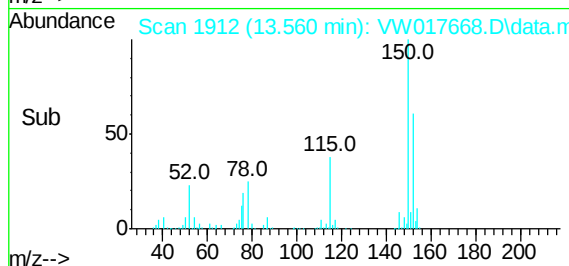
Tgt Ion:173 Resp: 21757
Ion Ratio Lower Upper
173 100
175 49.7 24.7 74.1
254 0.0 0.1 0.1#



#71704 (-)
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW017668.D
Acq: 18 Dec 2020 11:52



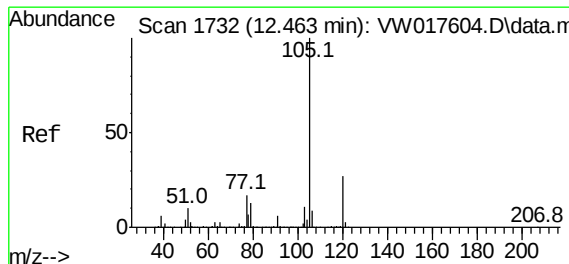
Tgt Ion:152 Resp: 156129
Ion Ratio Lower Upper
152 100
115 61.4 27.9 83.7
150 166.9 0.0 344.0



Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

Manual Integrations
APPROVED

MMDadoda
12/21/2020 11:59:07 AM

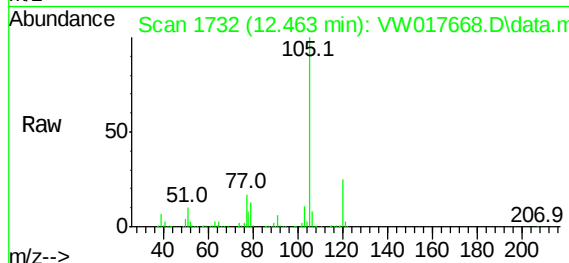


#7324 (-)
Isopropylbenzene
Concen: 22.18 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW017668.D
Acq: 18 Dec 2020 11:52

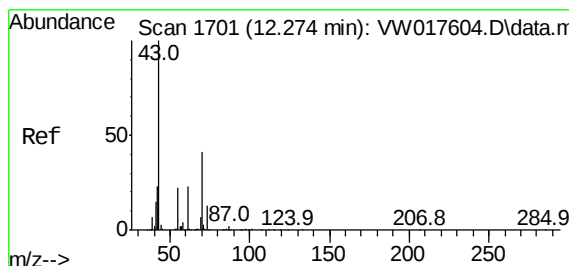
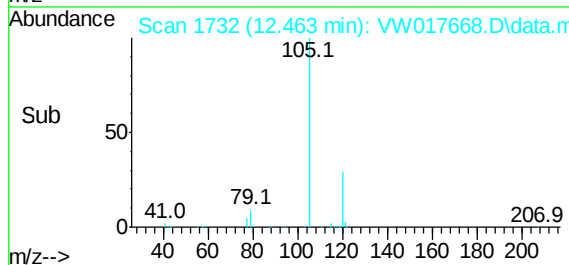
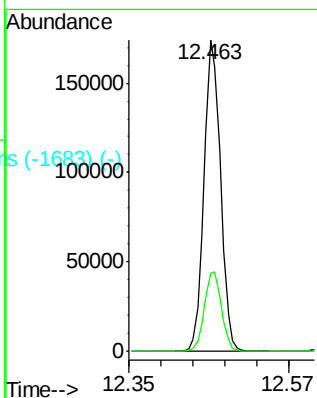
Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

Manual Integrations
APPROVED

MMDadoda
12/21/2020 11:59:07 AM

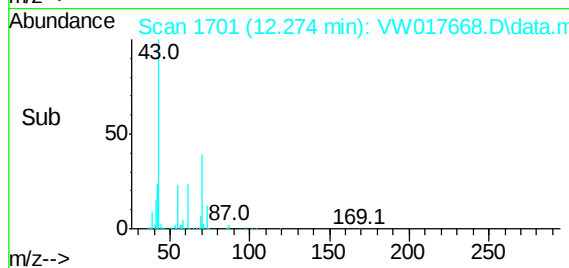
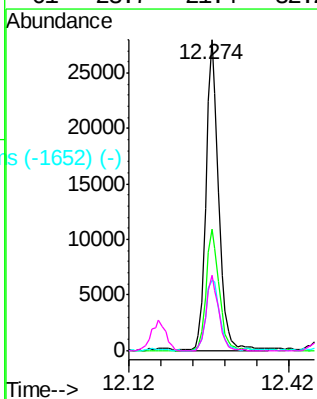
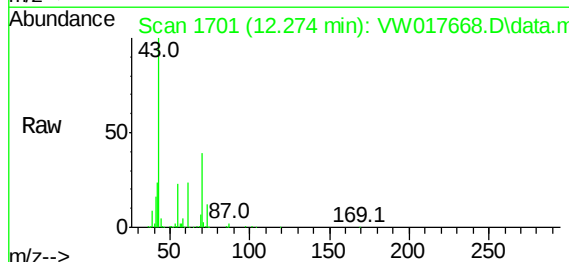


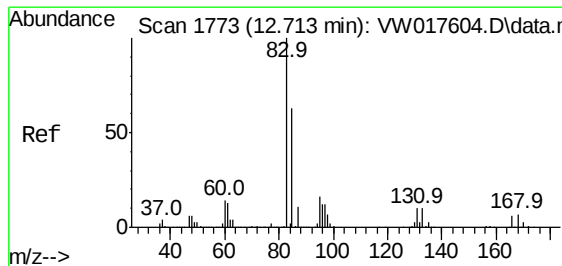
Tgt Ion:105 Resp: 273793
Ion Ratio Lower Upper
105 100
120 26.2 13.6 40.7



#71691 (-)
N-ethyl acetate
Concen: 17.39 ug/l
RT: 12.274 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VW017668.D
Acq: 18 Dec 2020 11:52

Tgt Ion: 43 Resp: 45027
Ion Ratio Lower Upper
43 100
70 39.5 40.2 60.4#
55 24.7 21.4 32.0
61 23.7 21.4 32.2





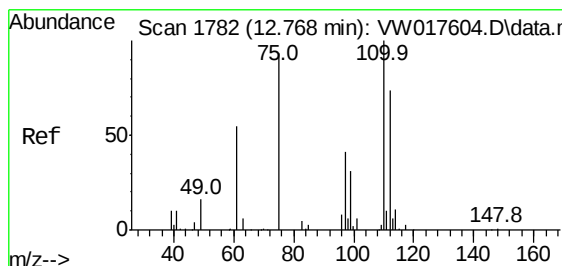
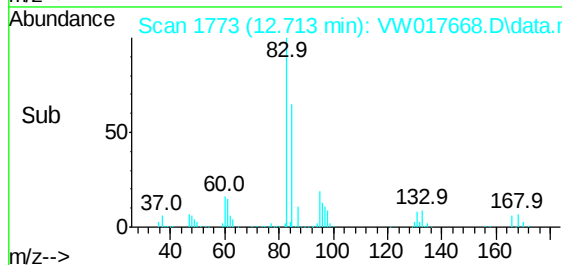
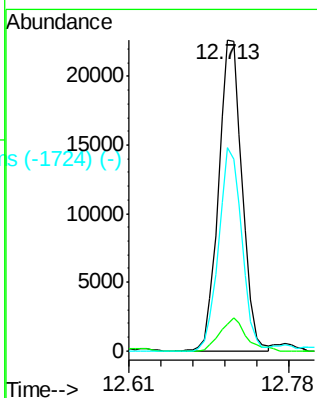
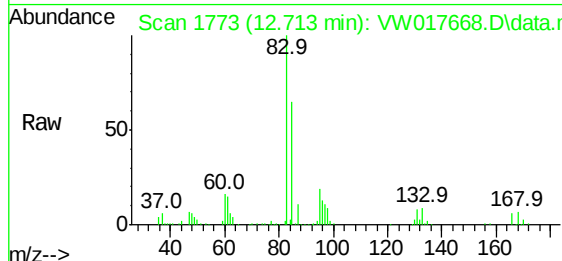
#7564 (-)
 1,1,2,2-Tetrachloroethane
 Concen: 18.74 ug/l
 RT: 12.713 min Scan# 1773
 Delta R.T. -0.000 min
 Lab File: VW017668.D
 Acq: 18 Dec 2020 11:52

Tgt Ion:	83	Resp:	38590
Ion Ratio	Lower	Upper	
83	100		
131	11.4	6.1	18.3
85	64.5	32.7	98.1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1218SBS01

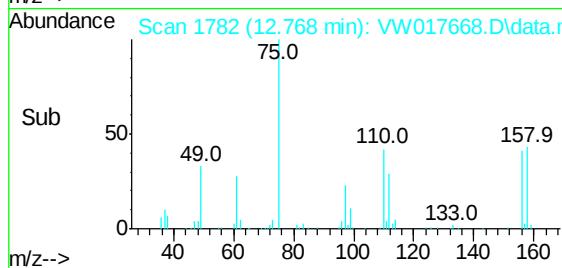
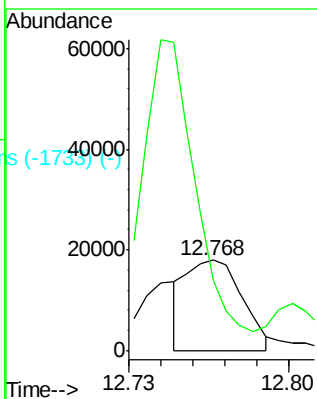
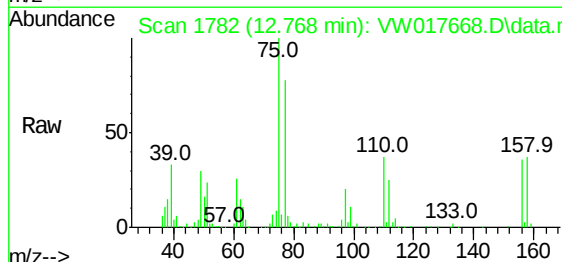
Manual Integrations
 APPROVED

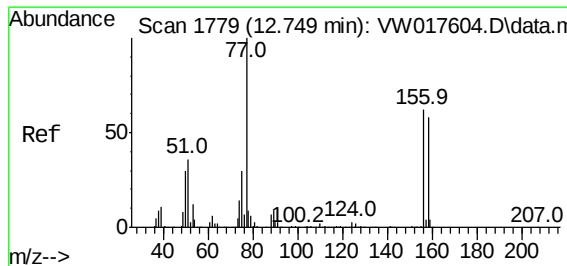
MMDadoda
 12/21/2020 11:59:07 AM



#7580 (-)
 1,2,3-Trichloropropane
 Concen: 21.57 ug/l m
 RT: 12.768 min Scan# 1782
 Delta R.T. -0.000 min
 Lab File: VW017668.D
 Acq: 18 Dec 2020 11:52

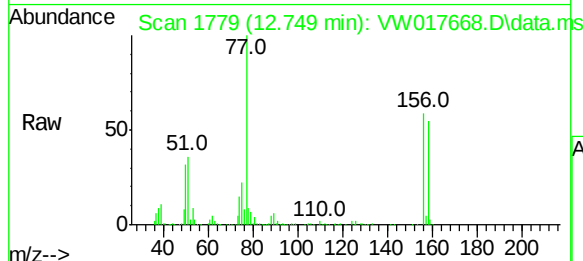
Tgt Ion:	75	Resp:	32414
Ion Ratio	Lower	Upper	
75	100		
77	0.0	178.8	536.3#





#1779 (-)
Bromobenzene
Concen: 21.91 ug/l
RT: 12.749 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VW017668.D
Acq: 18 Dec 2020 11:52

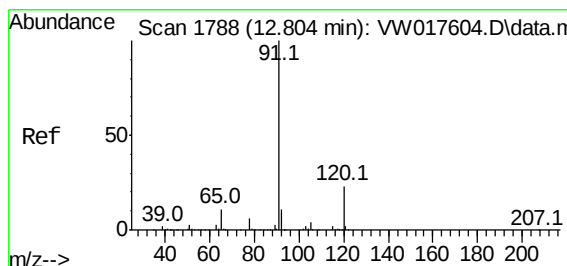
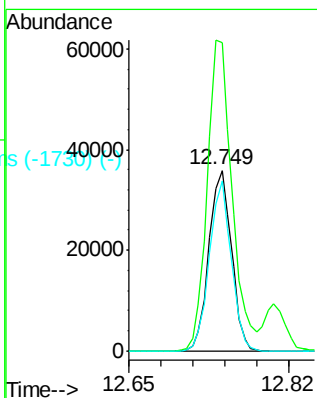
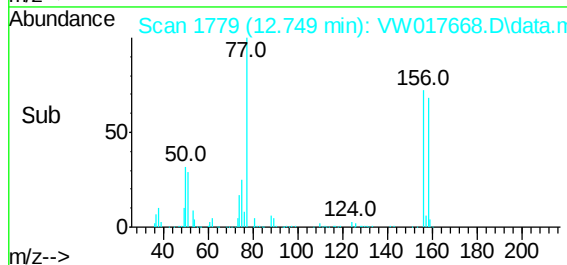
Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01



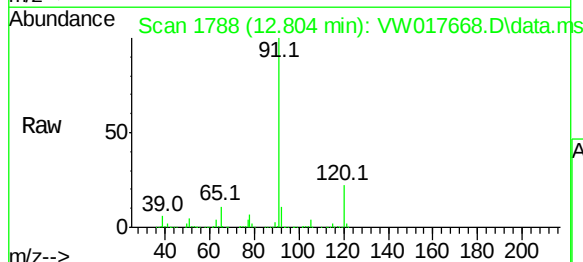
Tgt Ion:156 Resp: 57932
Ion Ratio Lower Upper
156 100
77 190.4 79.0 237.2
158 91.7 47.0 141.2

Manual Integrations
APPROVED

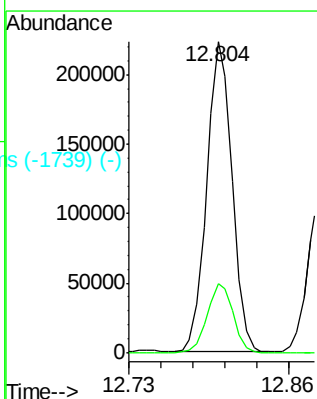
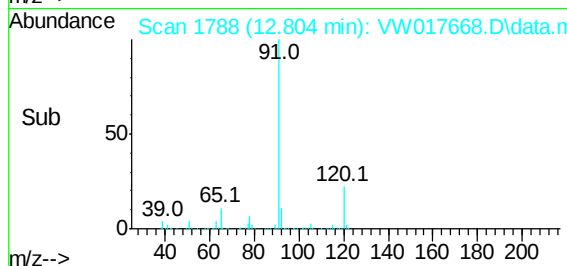
MMDadoda
12/21/2020 11:59:07 AM

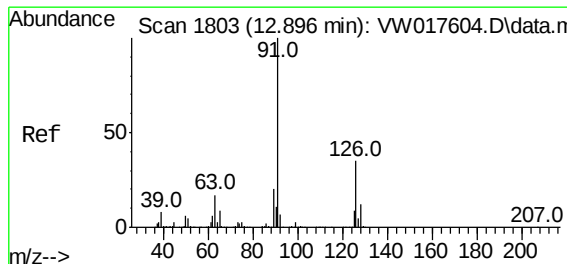


#1788 (-)
n-propylbenzene
Concen: 23.06 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. 0.000 min
Lab File: VW017668.D
Acq: 18 Dec 2020 11:52



Tgt Ion: 91 Resp: 337991
Ion Ratio Lower Upper
91 100
120 22.6 12.0 36.1





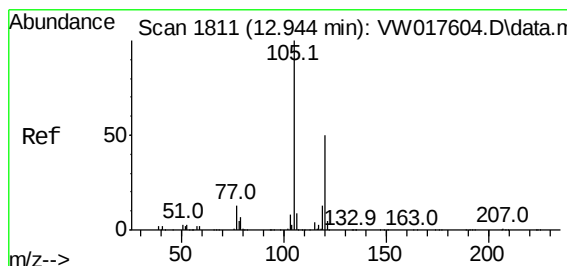
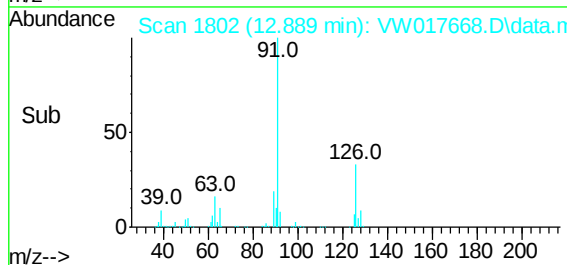
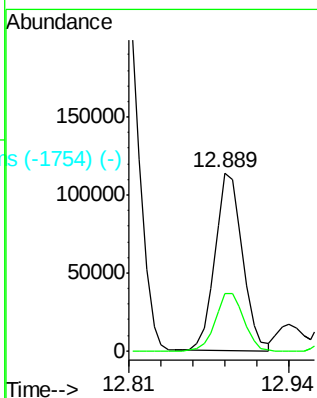
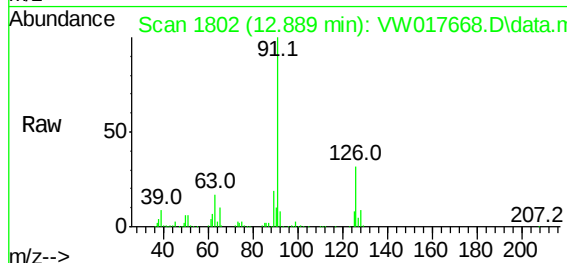
#796 (-)
2-Chlorotoluene
Concen: 22.78 ug/l
RT: 12.889 min Scan# 1802
Delta R.T. -0.007 min
Lab File: VW017668.D
Acq: 18 Dec 2020 11:52

Tgt Ion: 91 Resp: 186168
Ion Ratio Lower Upper
91 100
126 33.3 17.9 53.8

Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

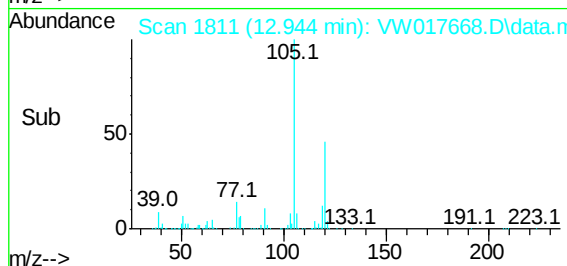
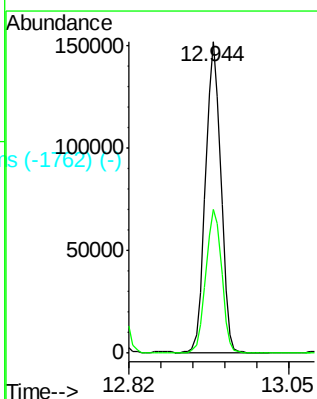
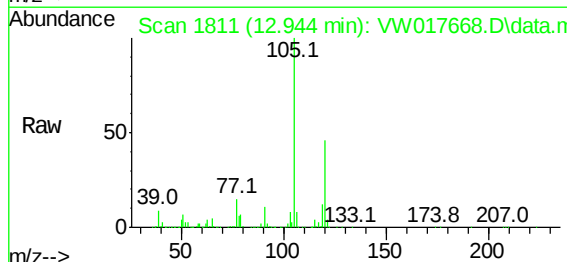
Manual Integrations
APPROVED

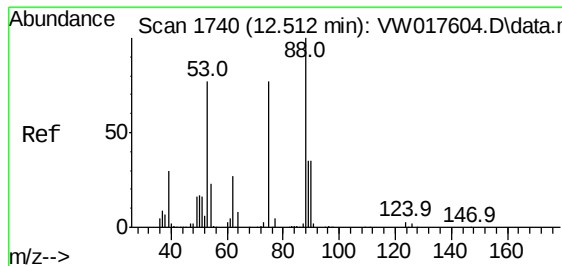
MMDadoda
12/21/2020 11:59:07 AM



#802 (-)
1,3,5-Trimethylbenzene
Concen: 22.19 ug/l
RT: 12.944 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW017668.D
Acq: 18 Dec 2020 11:52

Tgt Ion:105 Resp: 231889
Ion Ratio Lower Upper
105 100
120 47.3 24.9 74.8





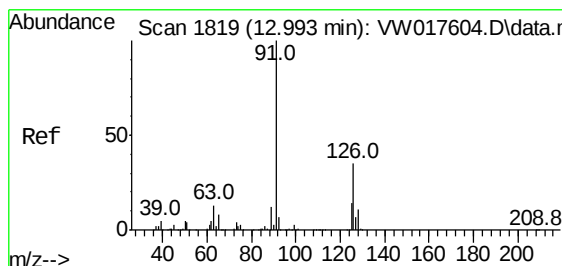
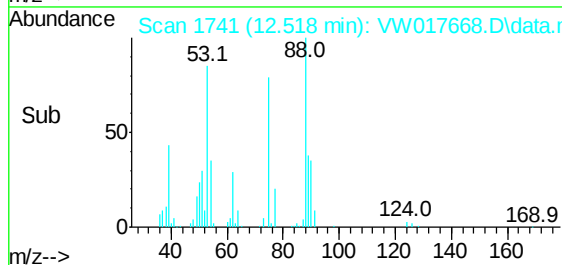
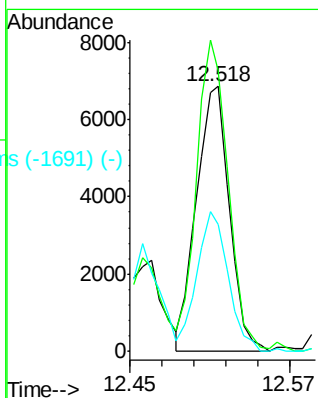
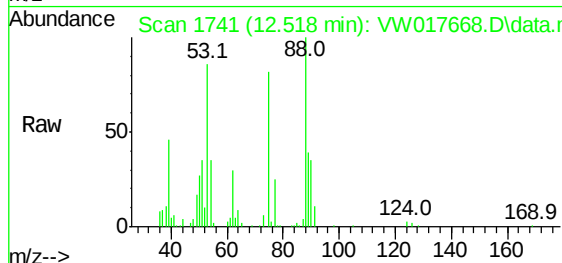
#1736) (-)
trans-1,4-Dichloro-2-butene
Concen: 15.27 ug/l
RT: 12.518 min Scan# 1741
Delta R.T. 0.006 min
Lab File: VW017668.D
Acq: 18 Dec 2020 11:52

Tgt Ion: 75 Resp: 11327
Ion Ratio Lower Upper
75 100
53 110.2 77.0 115.4
89 49.8 38.7 58.1

Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

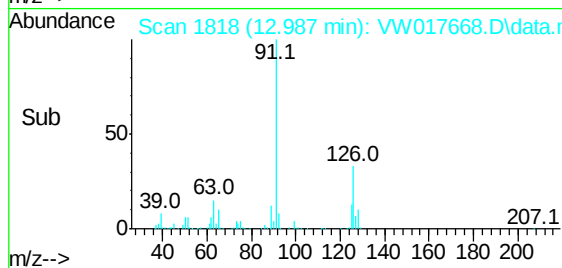
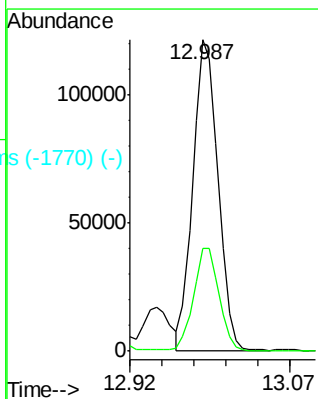
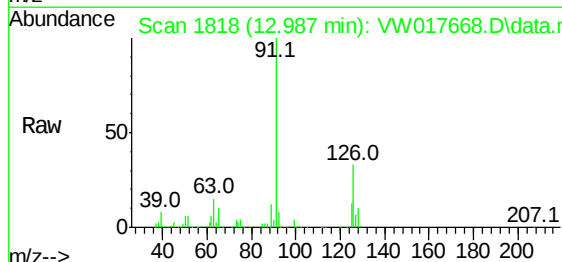
Manual Integrations
APPROVED

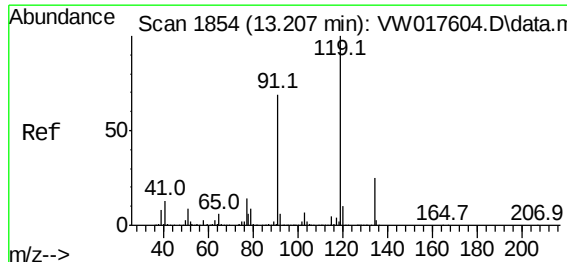
MMDadoda
12/21/2020 11:59:07 AM



#1814) (-)
4-Chlorotoluene
Concen: 22.43 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. -0.006 min
Lab File: VW017668.D
Acq: 18 Dec 2020 11:52

Tgt Ion: 91 Resp: 193480
Ion Ratio Lower Upper
91 100
126 33.5 18.1 54.3



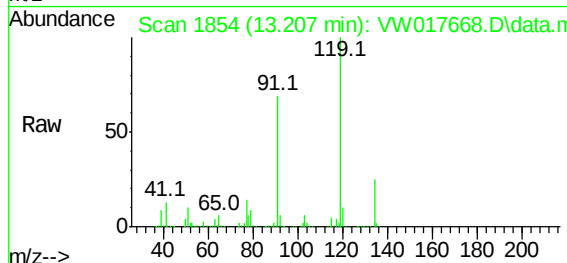


#8345 (-)
tert-Butylbenzene
Concen: 22.62 ug/l
RT: 13.207 min Scan# 1854
Delta R.T. -0.001 min
Lab File: VW017668.D
Acq: 18 Dec 2020 11:52

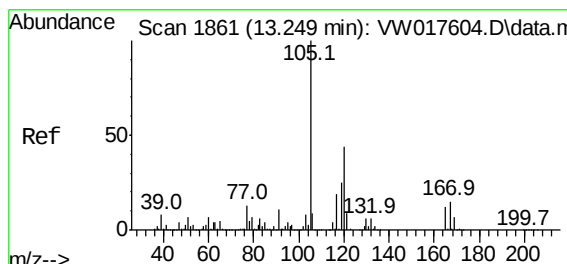
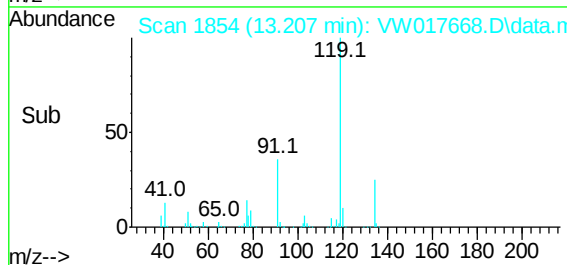
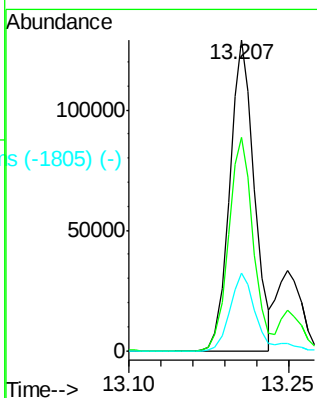
Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

Manual Integrations
APPROVED

MMDadoda
12/21/2020 11:59:07 AM

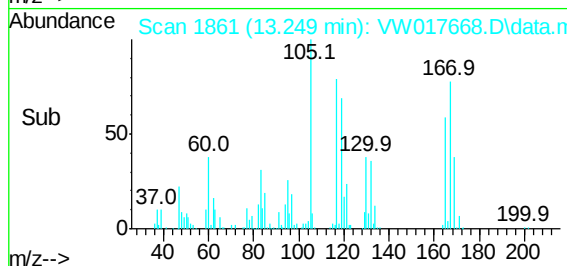
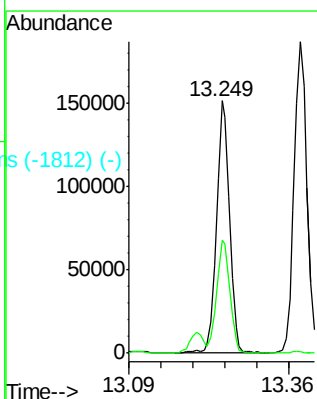
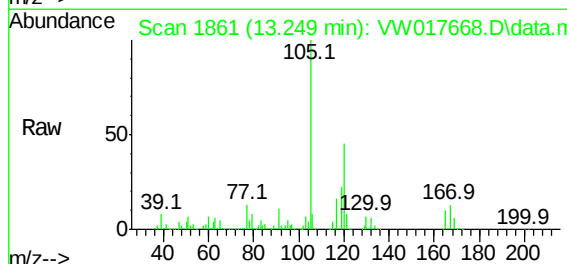


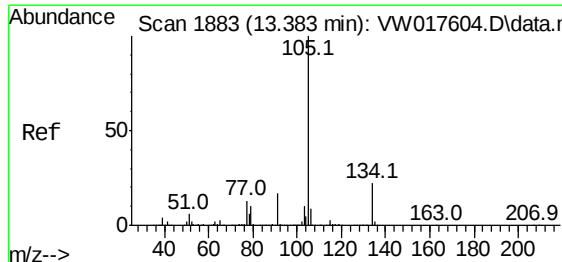
Tgt Ion:119 Resp: 202131
Ion Ratio Lower Upper
119 100
91 69.8 31.3 93.9
134 25.1 14.0 42.0



#8348 (-)
1,2,4-Trimethylbenzene
Concen: 22.72 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW017668.D
Acq: 18 Dec 2020 11:52

Tgt Ion:105 Resp: 233805
Ion Ratio Lower Upper
105 100
120 45.3 23.4 70.0



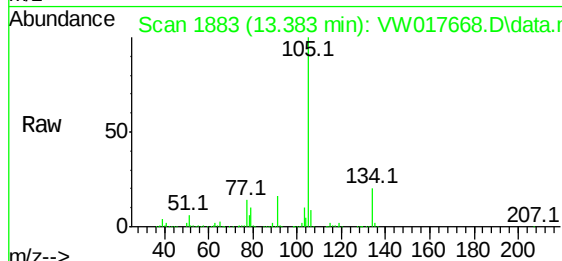


#85 (-)
 sec-Butylbenzene
 Concen: 22.86 ug/l
 RT: 13.383 min Scan# 1883
 Delta R.T. 0.000 min
 Lab File: VW017668.D
 Acq: 18 Dec 2020 11:52

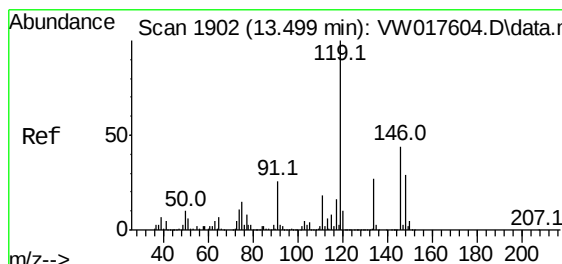
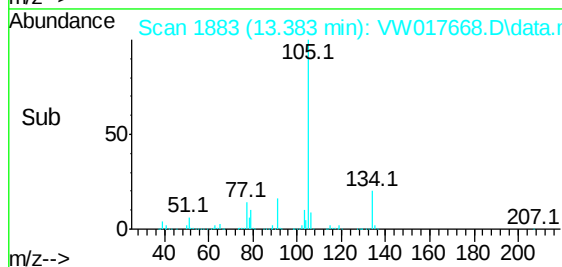
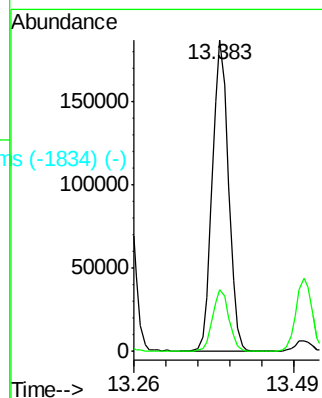
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1218SBS01

Manual Integrations
 APPROVED

MMDadoda
 12/21/2020 11:59:07 AM



Tgt Ion:105 Resp: 286854
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.6 31.8

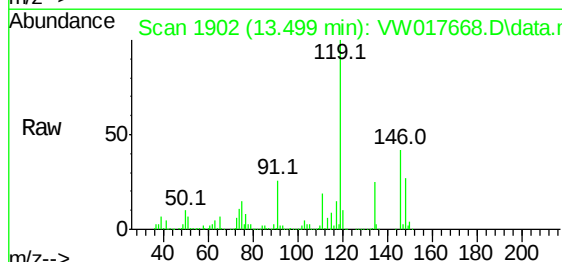


#86 (-)
 p-Isopropyltoluene
 Concen: 22.71 ug/l
 RT: 13.499 min Scan# 1902
 Delta R.T. 0.000 min
 Lab File: VW017668.D
 Acq: 18 Dec 2020 11:52

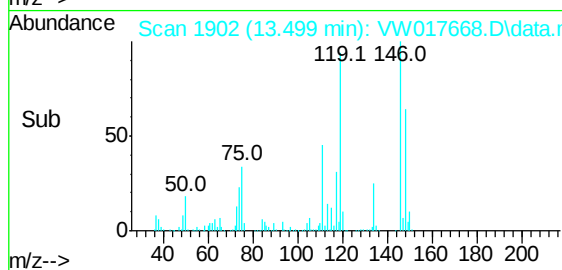
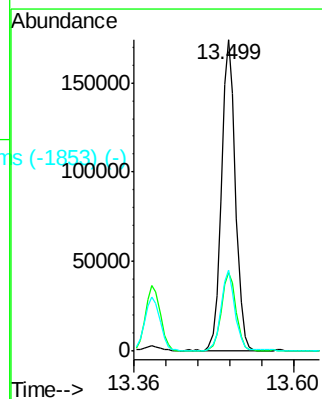
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1218SBS01

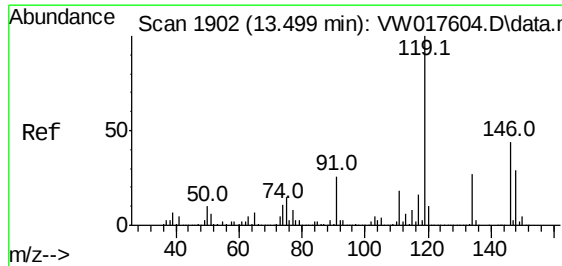
Manual Integrations
 APPROVED

MMDadoda
 12/21/2020 11:59:07 AM



Tgt Ion:119 Resp: 257266
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.8 41.3
 91 25.5 11.3 33.9





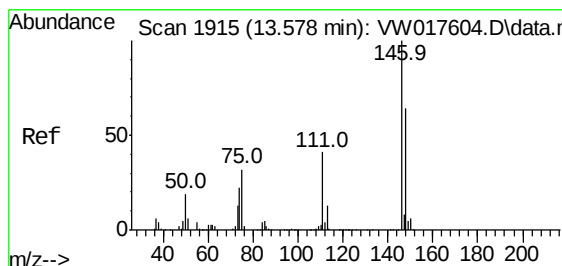
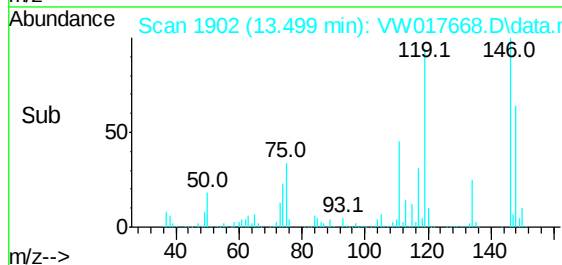
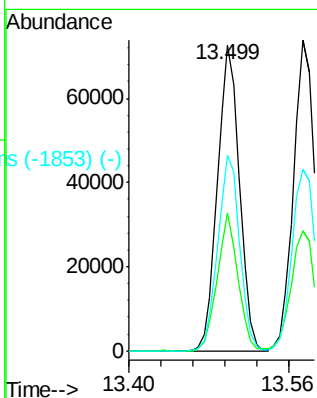
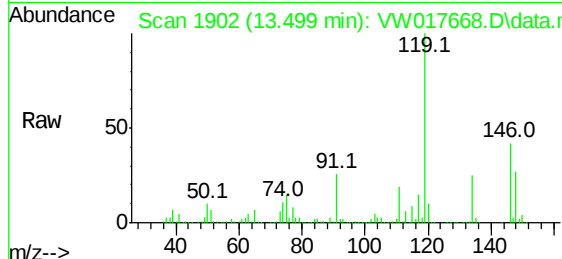
#1894 (-)
 1,3-Dichlorobenzene
 Concen: 21.93 ug/l
 RT: 13.499 min Scan# 1902
 Delta R.T. 0.000 min
 Lab File: VW017668.D
 Acq: 18 Dec 2020 11:52

Tgt Ion:	146	Resp:	115545
Ion Ratio	Lower	Upper	
146	100		
111	42.3	19.1	57.5
148	63.9	32.5	97.4

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1218SBS01

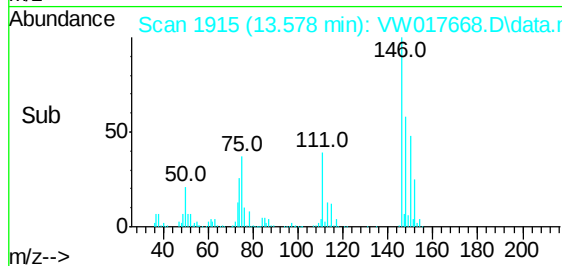
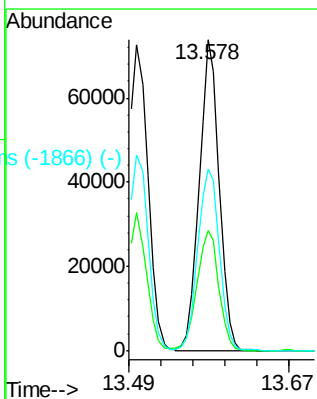
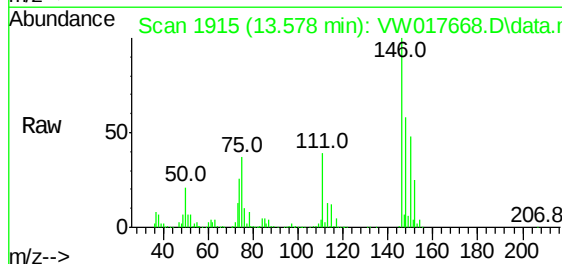
Manual Integrations
 APPROVED

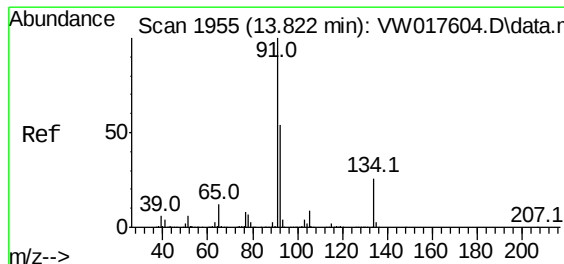
MMDadoda
 12/21/2020 11:59:07 AM



#1899 (-)
 1,4-Dichlorobenzene
 Concen: 21.86 ug/l
 RT: 13.578 min Scan# 1915
 Delta R.T. 0.000 min
 Lab File: VW017668.D
 Acq: 18 Dec 2020 11:52

Tgt Ion:	146	Resp:	114330
Ion Ratio	Lower	Upper	
146	100		
111	42.2	18.5	55.5
148	63.1	31.8	95.4





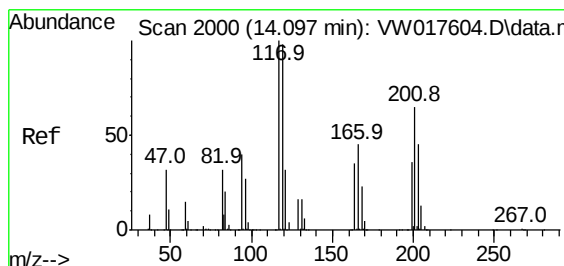
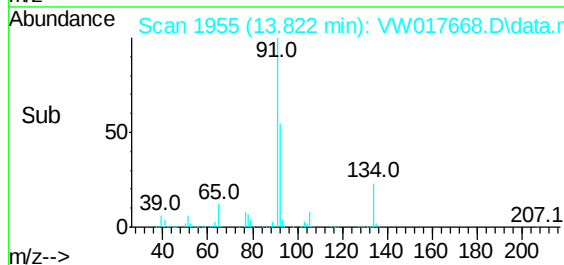
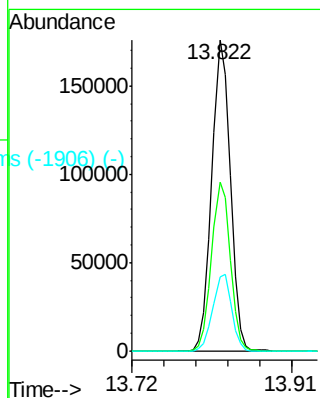
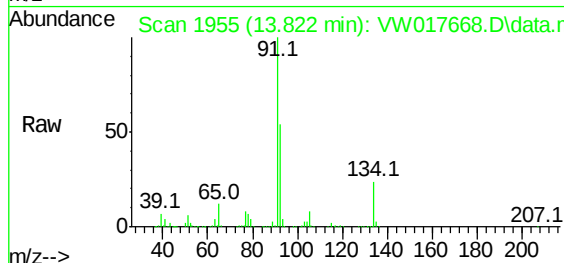
#99
n-Butylbenzene
Concen: 23.14 ug/l
RT: 13.822 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VW017668.D
Acq: 18 Dec 2020 11:52

Tgt Ion:	91	Resp:	257567
Ion Ratio	100	Lower	26.6
Upper	79.7	Lower	14.3
Upper	42.9		

Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

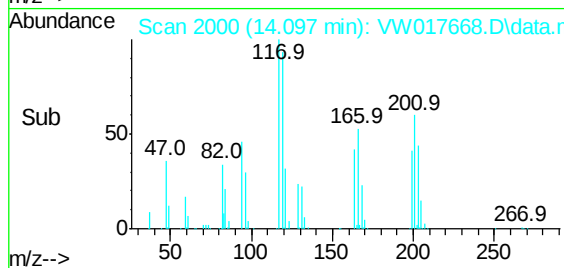
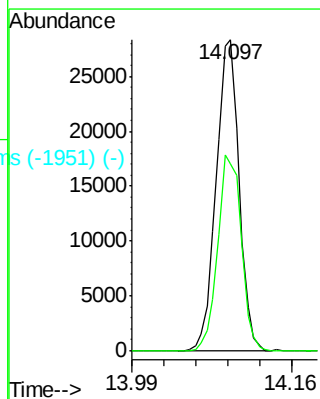
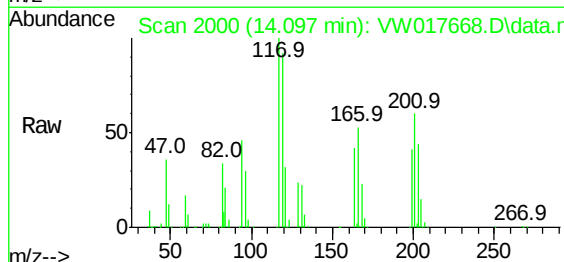
Manual Integrations
APPROVED

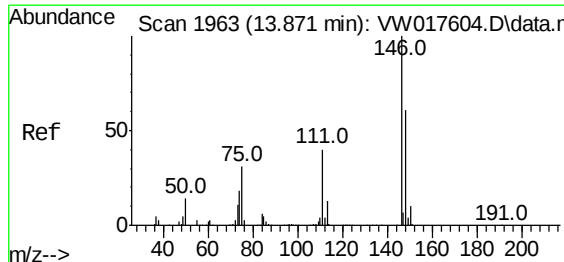
MMDadoda
12/21/2020 11:59:07 AM



#99
Hexachloroethane
Concen: 21.01 ug/l
RT: 14.097 min Scan# 2000
Delta R.T. -0.000 min
Lab File: VW017668.D
Acq: 18 Dec 2020 11:52

Tgt Ion:	117	Resp:	46775
Ion Ratio	100	Lower	41.9
Upper	125.7		



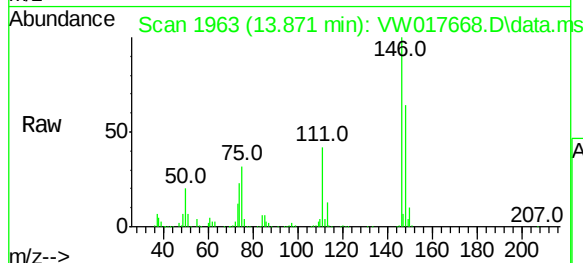


#9154 (-)
 1,2-Dichlorobenzene
 Concen: 21.29 ug/l
 RT: 13.871 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VW017668.D
 Acq: 18 Dec 2020 11:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1218SBS01

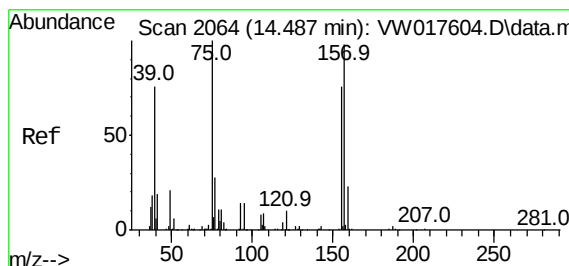
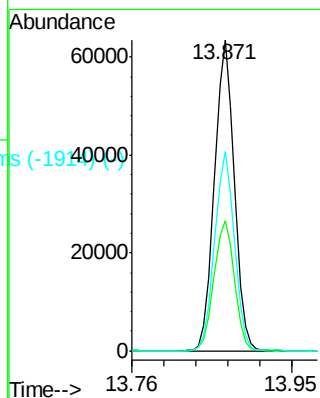
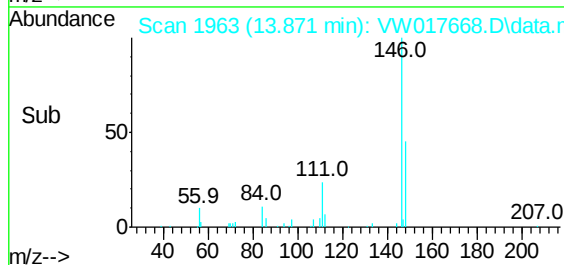
Manual Integrations
 APPROVED

MMDadoda
 12/21/2020 11:59:07 AM



Tgt Ion:146 Resp: 99723

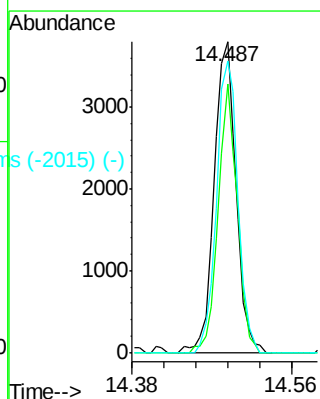
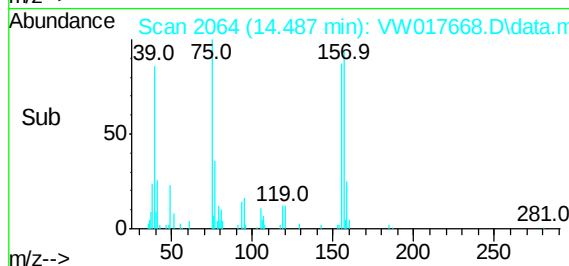
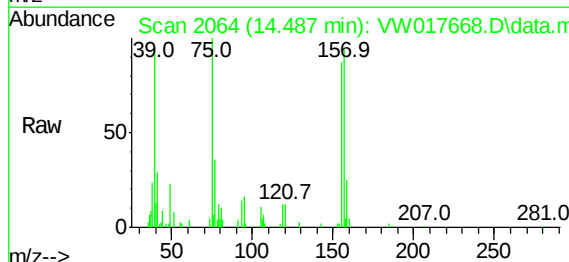
Ion	Ratio	Lower	Upper
146	100		
111	43.2	20.1	60.3
148	64.3	33.1	99.3

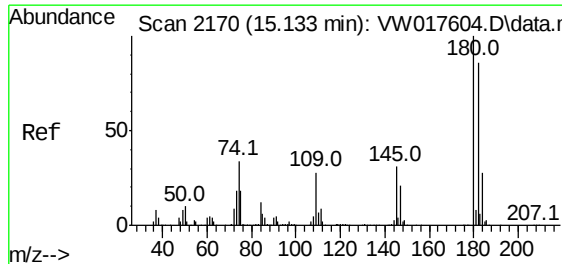


#9256 (-)
 1,2-Dibromo-3-Chloropropane
 Concen: 17.14 ug/l
 RT: 14.487 min Scan# 2064
 Delta R.T. -0.000 min
 Lab File: VW017668.D
 Acq: 18 Dec 2020 11:52

Tgt Ion: 75 Resp: 6422

Ion	Ratio	Lower	Upper
75	100		
155	75.6	47.6	142.8
157	91.9	62.2	186.6



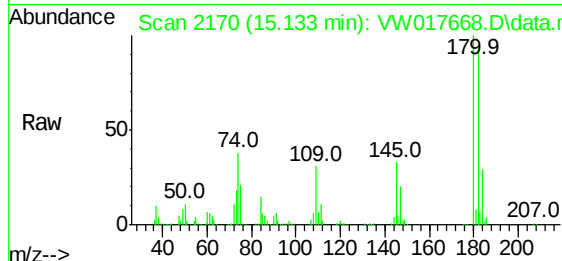


#91
1,2,4-Trichlorobenzene
Concen: 21.97 ug/l
RT: 15.133 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VW017668.D
Acq: 18 Dec 2020 11:52

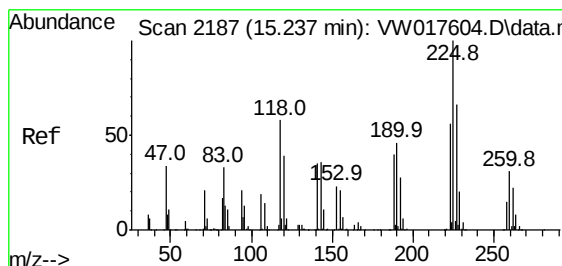
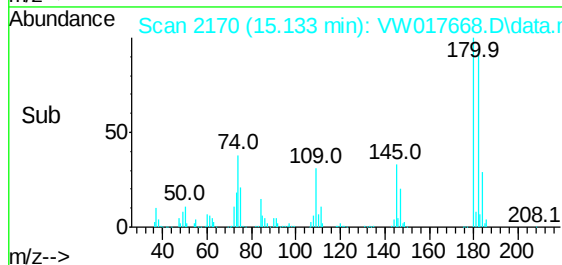
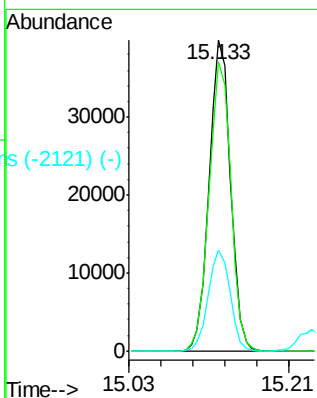
Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

Manual Integrations
APPROVED

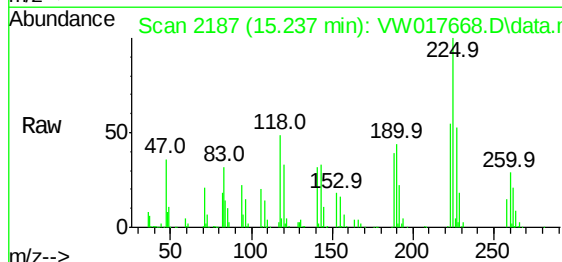
MMDadoda
12/21/2020 11:59:07 AM



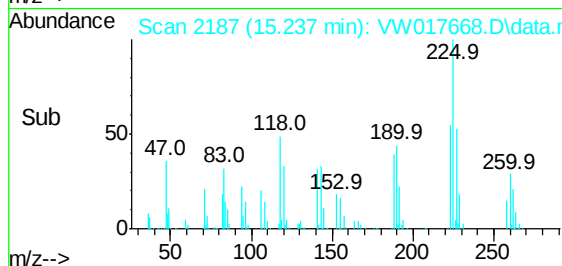
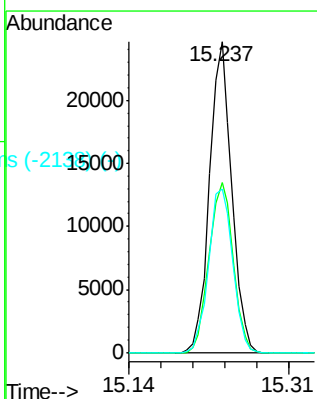
Tgt Ion:180 Resp: 65829
Ion Ratio Lower Upper
180 100
182 95.5 48.3 144.9
145 33.3 14.9 44.5

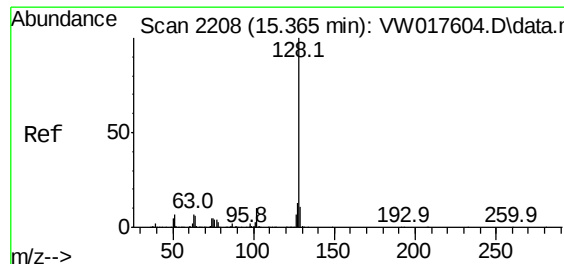


#92
Hexachlorobutadiene
Concen: 24.87 ug/l
RT: 15.237 min Scan# 2187
Delta R.T. -0.000 min
Lab File: VW017668.D
Acq: 18 Dec 2020 11:52



Tgt Ion:225 Resp: 39167
Ion Ratio Lower Upper
225 100
223 59.3 31.9 95.7
227 57.4 33.0 99.0





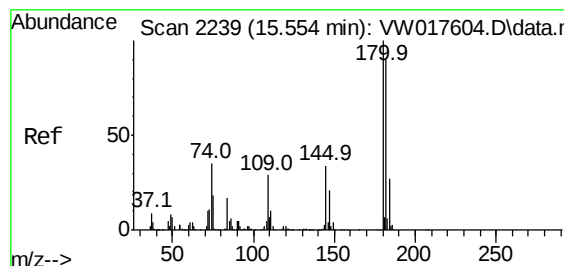
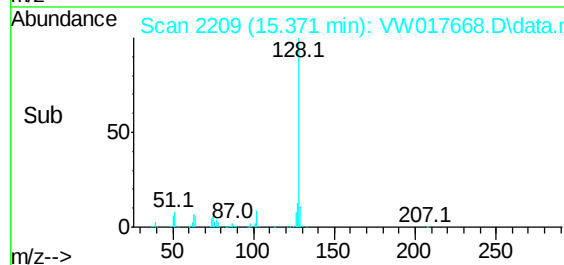
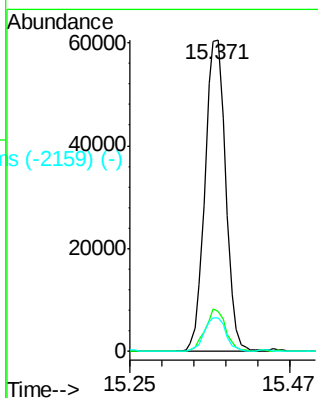
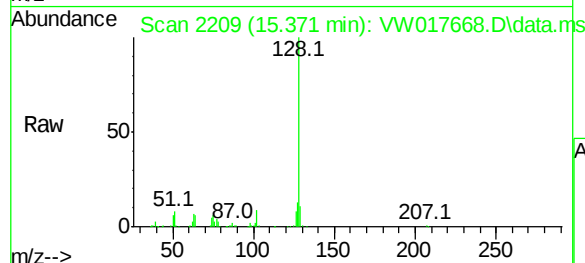
#95
Naphthalene
Concen: 18.51 ug/l
RT: 15.371 min Scan# 2209
Delta R.T. 0.006 min
Lab File: VW017668.D
Acq: 18 Dec 2020 11:52

Tgt Ion:128 Resp: 113444
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.9 8.6 12.8

Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

Manual Integrations
APPROVED

MMDadoda
12/21/2020 11:59:07 AM



#96
1,2,3-Trichlorobenzene
Concen: 21.36 ug/l
RT: 15.554 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VW017668.D
Acq: 18 Dec 2020 11:52

Tgt Ion:180 Resp: 55362
Ion Ratio Lower Upper
180 100
182 96.5 49.4 148.2
145 34.8 16.3 48.9

