

Data Path : Z:\voasrv\HPCHEM1\MSVOA_w\Data\Vw122120\
 Data File : Vw017685.D
 Acq On : 21 Dec 2020 11:49
 Operator : SY/VA
 Sample : Vw1221SBS01
 Misc : 5.00G/5ML/MSVOA_w/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1221SBS01

Manual Integrations
 APPROVED

MMDadoda
 12/22/2020 11:17:45 AM

Quant Time: Dec 22 03:45:04 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_w\Method\82W121420S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 14 12:39:23 2020
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.945	168	227867	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	385999	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	341525	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	171438	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	133106	47.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.90%	
35) Dibromofluoromethane	7.884	113	124174	48.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.22%	
50) Toluene-d8	10.323	98	484473	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	
62) 4-Bromofluorobenzene	12.621	95	172924	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.014	85	45380	25.38	ug/l	96
3) Chloromethane	2.215	50	37972	18.87	ug/l	95
4) Vinyl Chloride	2.367	62	66684	22.85	ug/l	98
5) Bromomethane	2.782	94	74578	33.23	ug/l	98
6) Chloroethane	2.922	64	46056	25.25	ug/l	98
7) Trichlorofluoromethane	3.263	101	53555	23.20	ug/l	96
8) Diethyl Ether	3.684	74	25460	20.12	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.062	101	52963	21.14	ug/l	90
10) Methyl Iodide	4.275	142	77681	21.06	ug/l	93
11) Tert butyl alcohol	5.202	59	20090m	71.03	ug/l	
12) 1,1-Dichloroethene	4.044	96	53665	20.85	ug/l #	83
13) Acrolein	3.897	56	14590	87.28	ug/l	96
14) Allyl chloride	4.672	41	79347	20.02	ug/l	91
15) Acrylonitrile	5.373	53	49019	87.47	ug/l	97
16) Acetone	4.129	43	50728	83.99	ug/l	96
17) Carbon Disulfide	4.385	76	152919	20.32	ug/l	100
18) Methyl Acetate	4.678	43	22501	18.33	ug/l	94
19) Methyl tert-butyl Ether	5.428	73	69988	20.10	ug/l	97
20) Methylene Chloride	4.915	84	60615	20.25	ug/l #	82
21) trans-1,2-Dichloroethene	5.422	96	59633	20.86	ug/l	88
22) Diisopropyl ether	6.312	45	152701	21.11	ug/l	93
23) Vinyl Acetate	6.251	43	461222	94.74	ug/l	95
24) 1,1-Dichloroethane	6.214	63	103902	21.16	ug/l	97
25) 2-Butanone	7.171	43	67225	83.59	ug/l	90
26) 2,2-Dichloropropane	7.171	77	68155	18.25	ug/l	94
27) cis-1,2-Dichloroethene	7.165	96	62724	20.54	ug/l	86
28) Bromochloromethane	7.513	49	41299	19.78	ug/l #	72
29) Tetrahydrofuran	7.531	42	40727	90.03	ug/l	88
30) Chloroform	7.677	83	106103	21.27	ug/l	98
31) Cyclohexane	7.952	56	98209	20.49	ug/l	91
32) 1,1,1-Trichloroethane	7.872	97	89476	20.99	ug/l	96
36) 1,1-Dichloropropene	8.086	75	86273	21.35	ug/l	97
37) Ethyl Acetate	7.250	43	30132	17.84	ug/l	96
38) Carbon Tetrachloride	8.067	117	84817	20.88	ug/l	97
39) Methylcyclohexane	9.335	83	105489	20.61	ug/l #	88
40) Benzene	8.323	78	234012	21.86	ug/l	97
41) Methacrylonitrile	7.476	41	16866	17.68	ug/l	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\Vw122120\
 Data File : Vw017685.D
 Acq On : 21 Dec 2020 11:49
 Operator : SY/VA
 Sample : Vw1221SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1221SBS01

Manual Integrations
 APPROVED

MMDadoda
 12/22/2020 11:17:45 AM

Quant Time: Dec 22 03:45:04 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	8.397	62	70134	21.52	ug/l	95
43) Isopropyl Acetate	8.421	43	58008	18.31	ug/l #	94
44) Trichloroethene	9.092	130	62319	21.10	ug/l	88
45) 1,2-Dichloropropane	9.366	63	56690	21.46	ug/l	100
46) Dibromomethane	9.457	93	30172	20.41	ug/l #	85
47) Bromodichloromethane	9.646	83	77897	20.68	ug/l	97
48) Methyl methacrylate	9.433	41	30721	19.76	ug/l #	86
49) 1,4-Dioxane	9.463	88	7188	393.14	ug/l #	95
51) 4-Methyl-2-Pentanone	10.207	43	140531	89.11	ug/l	93
52) Toluene	10.390	92	149583	21.37	ug/l	95
53) t-1,3-Dichloropropene	10.604	75	76343	19.80	ug/l	100
54) cis-1,3-Dichloropropene	10.073	75	90039	20.20	ug/l #	89
55) 1,1,2-Trichloroethane	10.786	97	40556	20.52	ug/l	95
56) Ethyl methacrylate	10.646	69	47983	18.79	ug/l #	87
57) 1,3-Dichloropropane	10.933	76	71316	20.42	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.921	63	115743	94.80	ug/l	90
59) 2-Hexanone	10.969	43	95558	90.57	ug/l	94
60) Dibromochloromethane	11.128	129	49138	19.87	ug/l	99
61) 1,2-Dibromoethane	11.238	107	38478	19.70	ug/l	100
64) Tetrachloroethene	10.860	164	49881	21.42	ug/l	92
65) Chlorobenzene	11.658	112	155521	21.18	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.731	131	54134	20.78	ug/l	99
67) Ethyl Benzene	11.731	91	294895	21.62	ug/l	100
68) m/p-Xylenes	11.841	106	226080	43.46	ug/l	96
69) o-Xylene	12.164	106	104722	21.34	ug/l	96
70) Styrene	12.182	104	171631	20.95	ug/l	94
71) Bromoform	12.347	173	25225	18.12	ug/l #	98
73) Isopropylbenzene	12.463	105	293238	21.63	ug/l	99
74) N-ethyl acetate	12.274	43	50607	17.80	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.713	83	44815	19.82	ug/l	97
76) 1,2,3-Trichloropropane	12.768	75	29270m	17.74	ug/l	
77) Bromobenzene	12.743	156	61157	21.06	ug/l	81
78) n-propylbenzene	12.804	91	349106	21.69	ug/l	98
79) 2-Chlorotoluene	12.890	91	197781	22.04	ug/l	97
80) 1,3,5-Trimethylbenzene	12.945	105	245068	21.36	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.512	75	13254	16.27	ug/l	91
82) 4-Chlorotoluene	12.987	91	208257	21.99	ug/l	96
83) tert-Butylbenzene	13.207	119	215653	21.98	ug/l	93
84) 1,2,4-Trimethylbenzene	13.249	105	243442	21.54	ug/l	96
85) sec-Butylbenzene	13.383	105	298601	21.67	ug/l	98
86) p-Isopropyltoluene	13.499	119	271198	21.80	ug/l	96
87) 1,3-Dichlorobenzene	13.499	146	123316	21.31	ug/l	97
88) 1,4-Dichlorobenzene	13.579	146	121794	21.20	ug/l	95
89) n-Butylbenzene	13.822	91	271819	22.24	ug/l	97
90) Hexachloroethane	14.091	117	49912	20.42	ug/l	80
91) 1,2-Dichlorobenzene	13.871	146	108947	21.18	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.481	75	7391	17.96	ug/l	76
93) 1,2,4-Trichlorobenzene	15.133	180	71316	21.67	ug/l	97
94) Hexachlorobutadiene	15.237	225	40029	23.14	ug/l	94
95) Naphthalene	15.365	128	127241	18.91	ug/l	98
96) 1,2,3-Trichlorobenzene	15.554	180	57510	20.21	ug/l	99

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

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS01

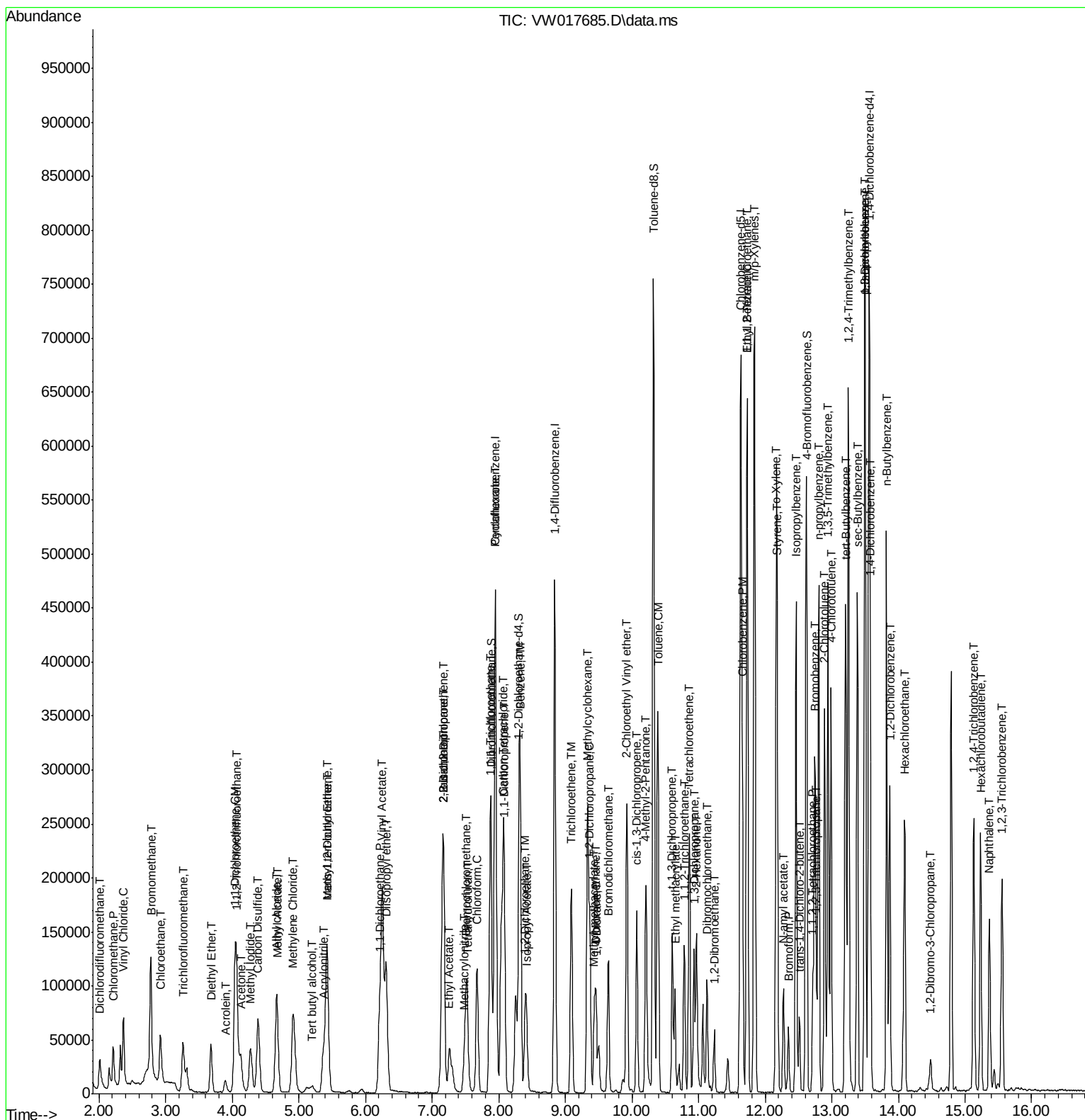
Manual Integrations
APPROVED

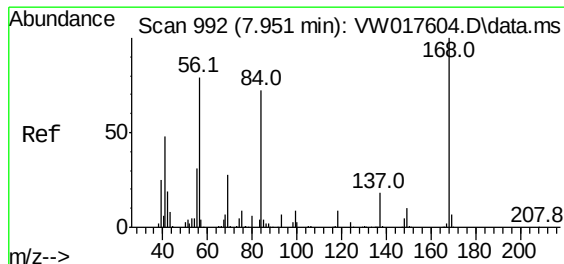
MMDadoda
12/22/2020 11:17:45 AM

Manual Integrations
APPROVED

MMDadoda
12/22/2020 11:17:45 AM

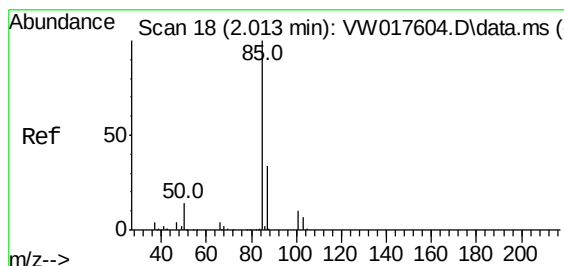
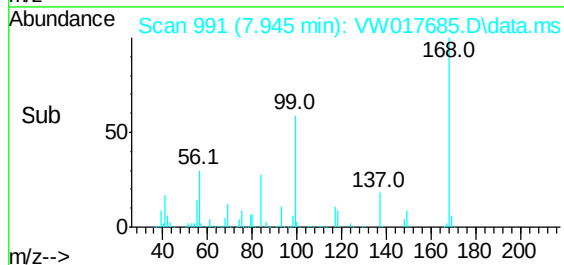
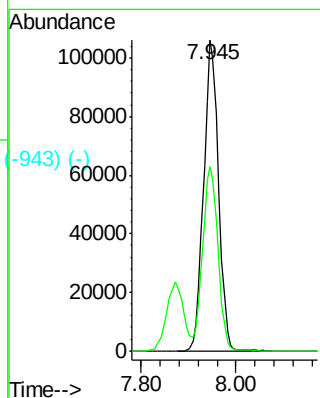
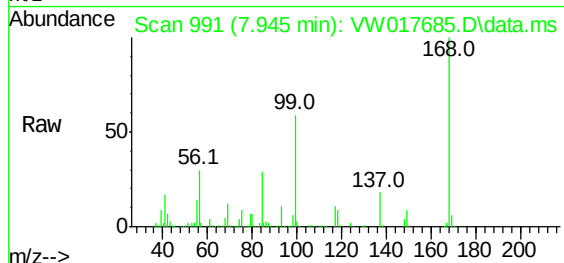
Quant Time: Dec 22 03:45:04 2020
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_w\Method\82w121420S.M
Quant Title : SW846 8260
QLast Update : Mon Dec 14 12:39:23 2020
Response via : Initial Calibration





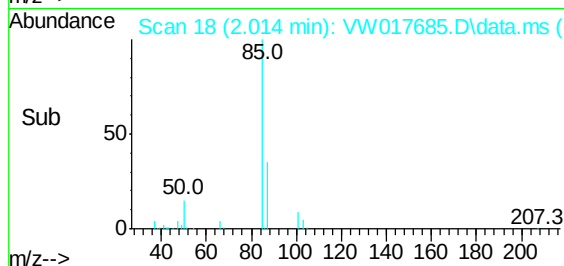
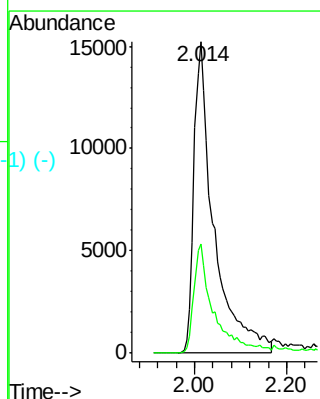
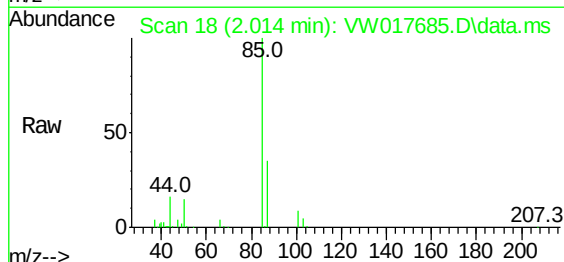
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.006 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49

Tgt Ion:168 Resp: 227867
Ion Ratio Lower Upper
168 100
99 59.2 40.7 61.1



Dichlorodifluoromethane
Concen: 25.38 ug/l
RT: 2.014 min Scan# 18
Delta R.T. 0.001 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49

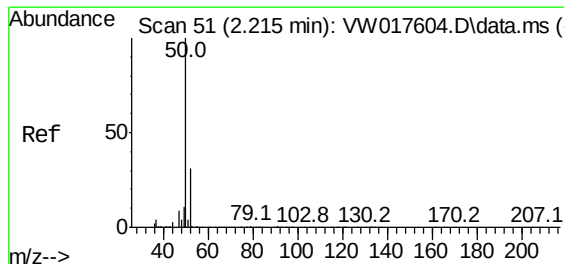
Tgt Ion: 85 Resp: 45380
Ion Ratio Lower Upper
85 100
87 34.9 16.3 48.9



Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS01

Manual Integrations
APPROVED

MMDadoda
12/22/2020 11:17:45 AM



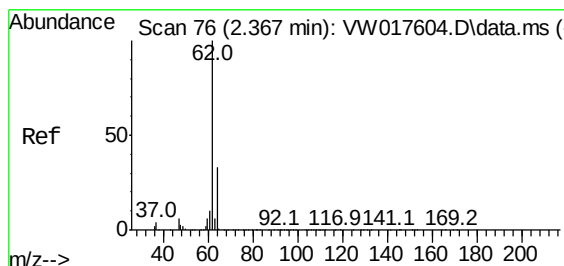
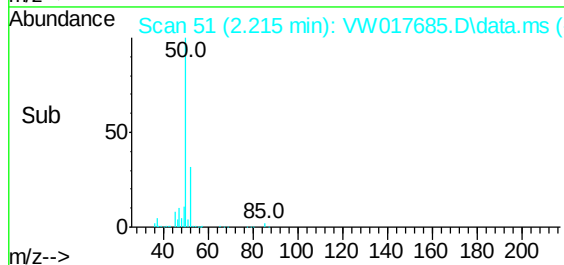
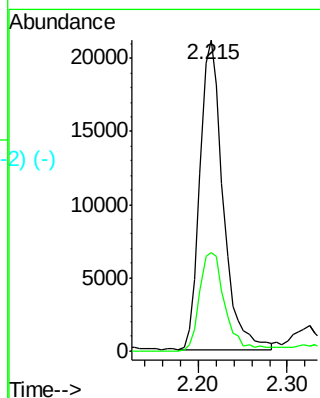
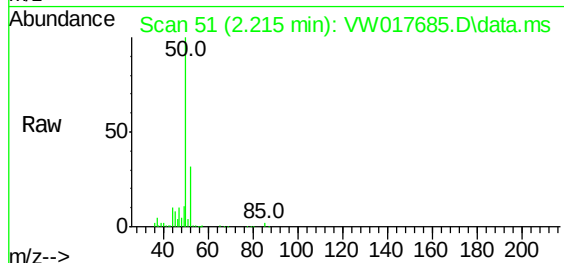
Chloromethane
Concen: 18.87 ug/l
RT: 2.215 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49

Tgt Ion: 50 Resp: 37972
Ion Ratio Lower Upper
50 100
52 31.8 27.6 41.4

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS01

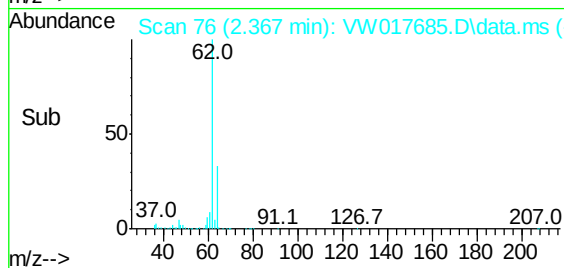
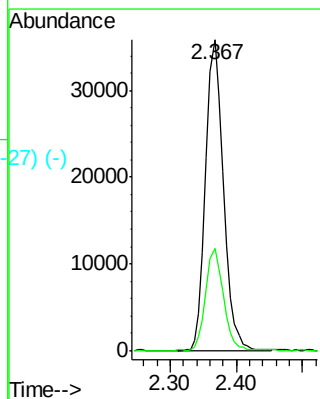
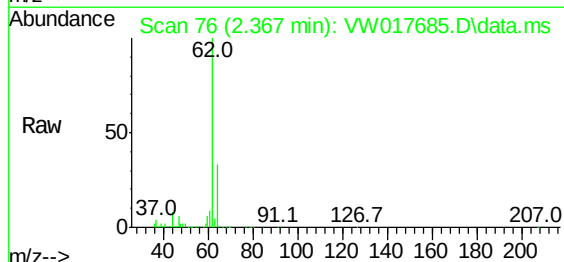
Manual Integrations
APPROVED

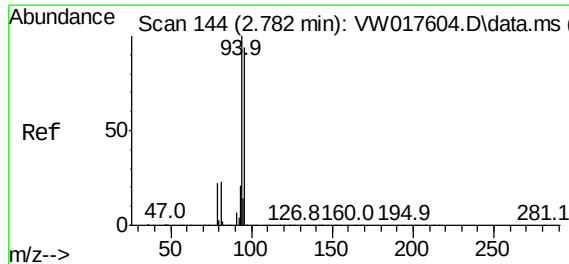
MMDadoda
12/22/2020 11:17:45 AM



Vinyl Chloride
Concen: 22.85 ug/l
RT: 2.367 min Scan# 76
Delta R.T. 0.000 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49

Tgt Ion: 62 Resp: 66684
Ion Ratio Lower Upper
62 100
64 32.5 25.0 37.4





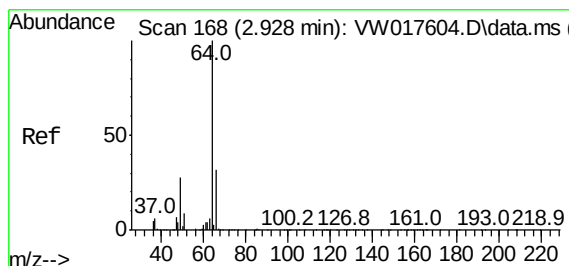
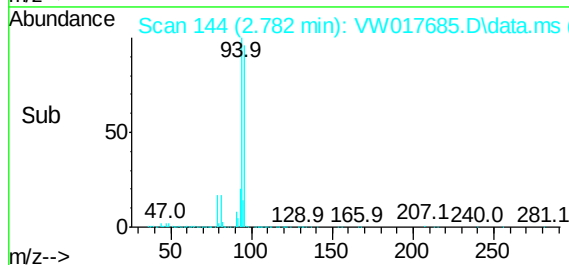
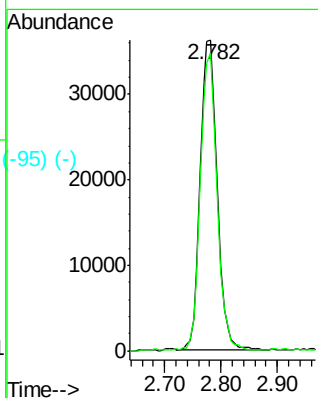
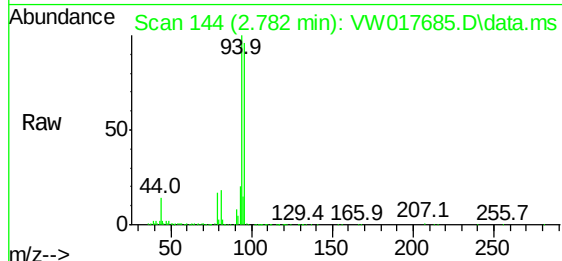
Bromomethane
 Concen: 33.23 ug/l
 RT: 2.782 min Scan# 144
 Delta R.T. -0.000 min
 Lab File: VW017685.D
 Acq: 21 Dec 2020 11:49

Tgt Ion:	94	Resp:	74578
Ion Ratio	Lower	Upper	
94	100		
96	95.8	74.7	112.1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1221SBS01

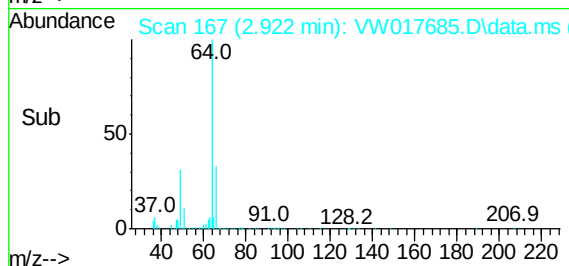
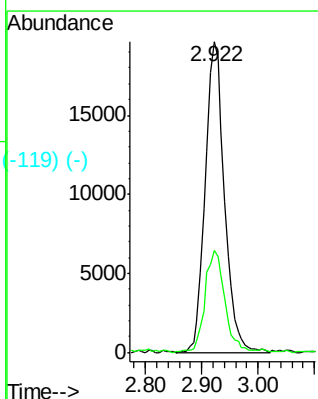
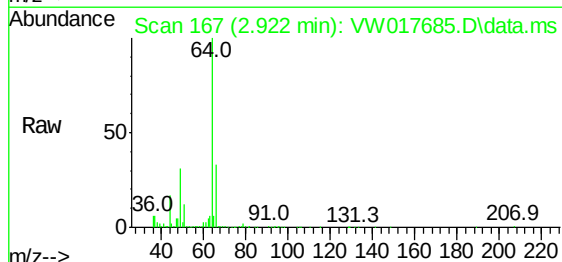
Manual Integrations
 APPROVED

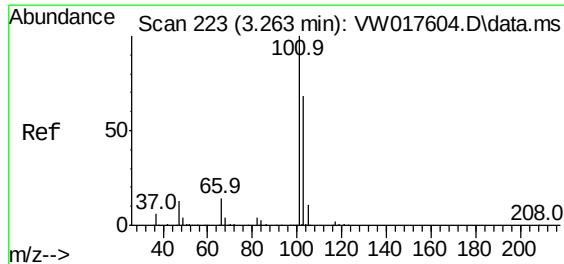
MMDadoda
 12/22/2020 11:17:45 AM



Chloroethane
 Concen: 25.25 ug/l
 RT: 2.922 min Scan# 167
 Delta R.T. -0.006 min
 Lab File: VW017685.D
 Acq: 21 Dec 2020 11:49

Tgt Ion:	64	Resp:	46056
Ion Ratio	Lower	Upper	
64	100		
66	32.5	25.0	37.6





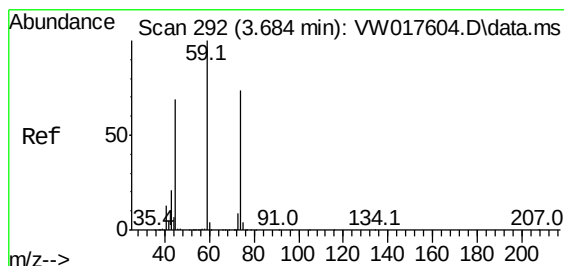
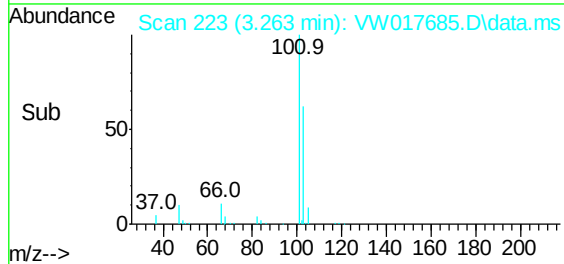
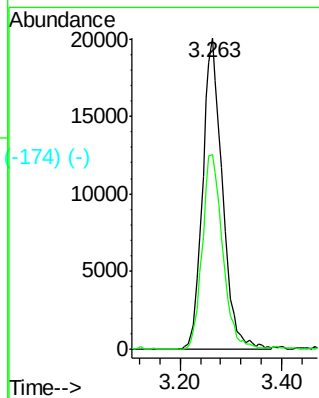
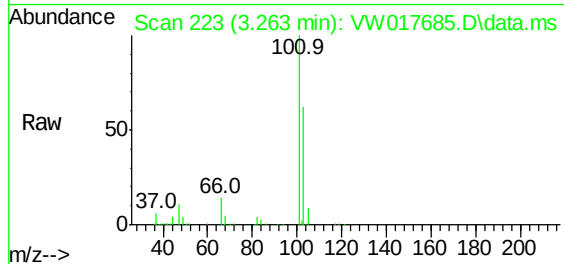
Trichlorofluoromethane
Concen: 23.20 ug/l
RT: 3.263 min Scan# 223
Delta R.T. 0.000 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49

Tgt Ion: 101 Resp: 53555
Ion Ratio Lower Upper
101 100
103 62.5 52.6 79.0

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS01

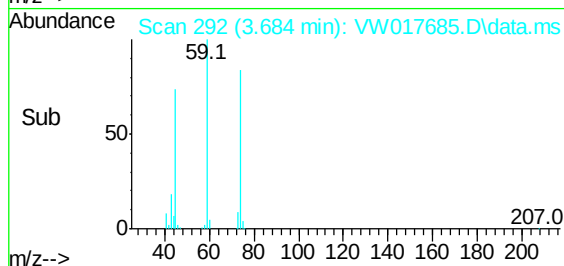
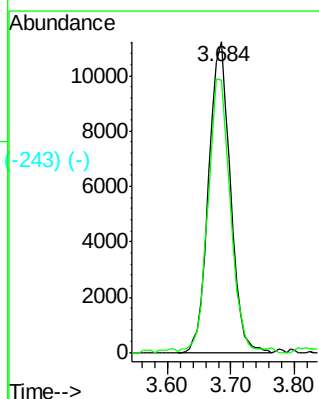
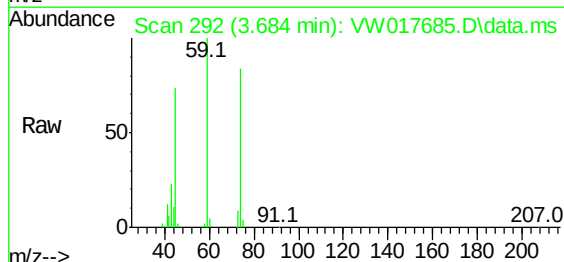
Manual Integrations
APPROVED

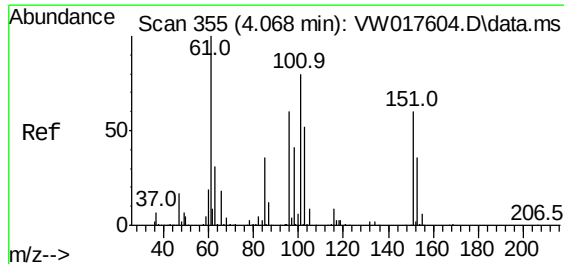
MMDadoda
12/22/2020 11:17:45 AM



Diethyl Ether
Concen: 20.12 ug/l
RT: 3.684 min Scan# 292
Delta R.T. 0.000 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49

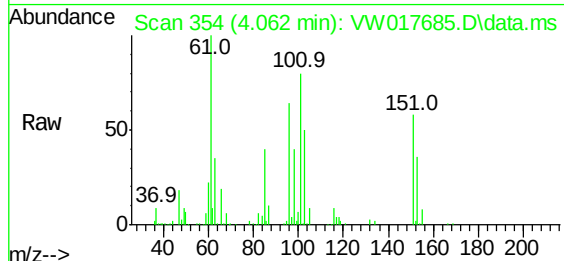
Tgt Ion: 74 Resp: 25460
Ion Ratio Lower Upper
74 100
45 89.6 41.1 123.4





#1 (-)
1,1,2-Trichlorotrifluoroethane
Concen: 21.14 ug/l
RT: 4.062 min Scan# 354
Delta R.T. -0.006 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49

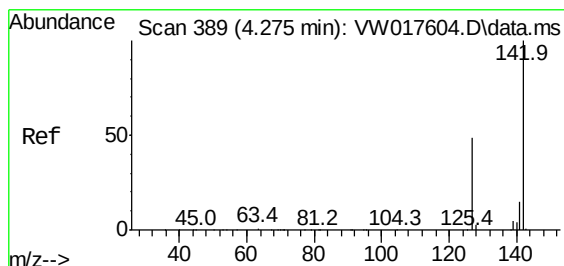
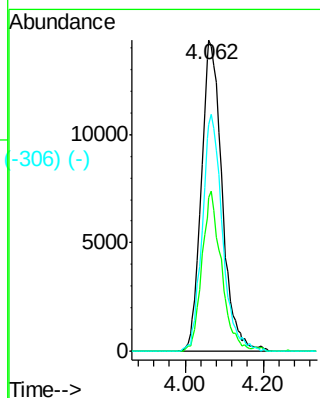
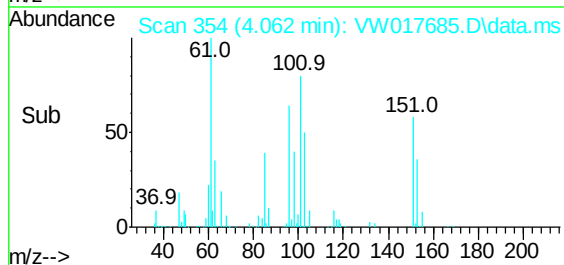
Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS01



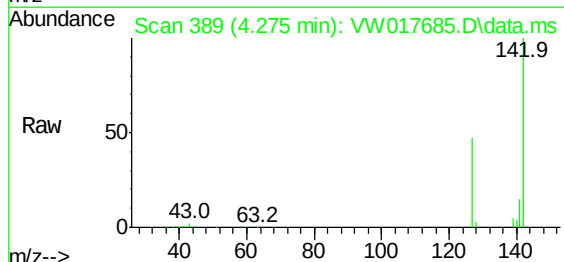
Tgt Ion:101 Resp: 52963
Ion Ratio Lower Upper
101 100
85 48.0 33.2 49.8
151 73.9 66.6 100.0

Manual Integrations
APPROVED

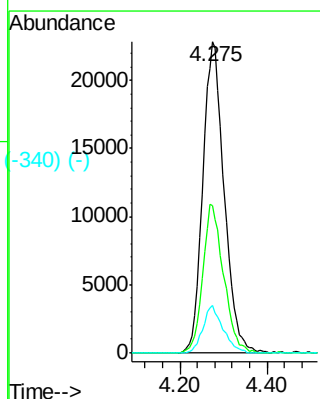
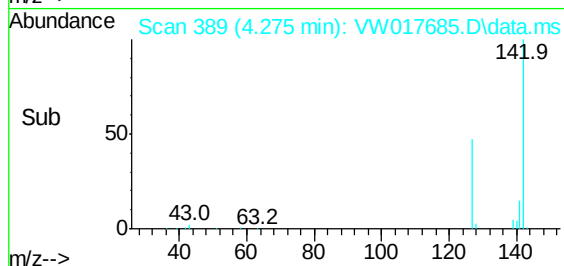
MMDadoda
12/22/2020 11:17:45 AM

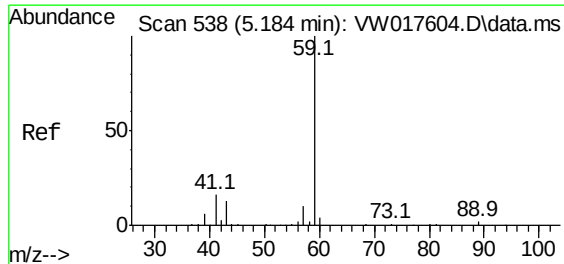


#19 (-)
Methyl Iodide
Concen: 21.06 ug/l
RT: 4.275 min Scan# 389
Delta R.T. 0.000 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49



Tgt Ion:142 Resp: 77681
Ion Ratio Lower Upper
142 100
127 46.4 32.4 48.6
141 14.0 11.4 17.0





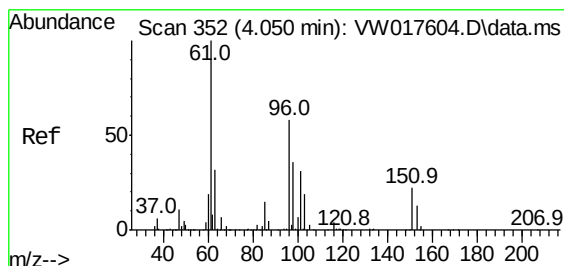
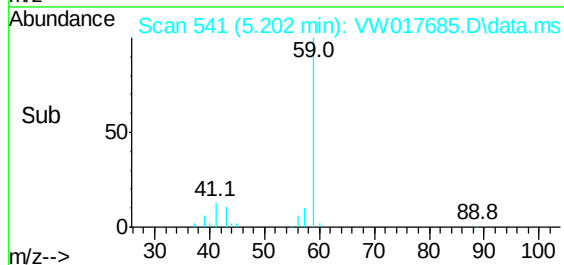
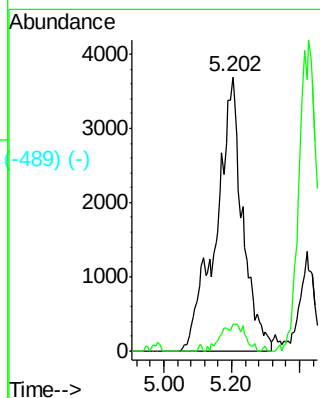
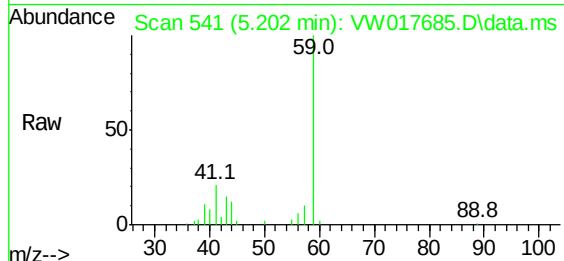
Tert butyl alcohol
Concen: 71.03 ug/l m
RT: 5.202 min Scan# 541
Delta R.T. 0.018 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49

Tgt Ion: 59 Resp: 20090
Ion Ratio Lower Upper
59 100
57 4.9 4.7 7.1

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS01

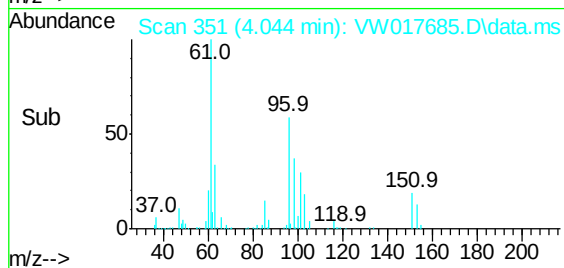
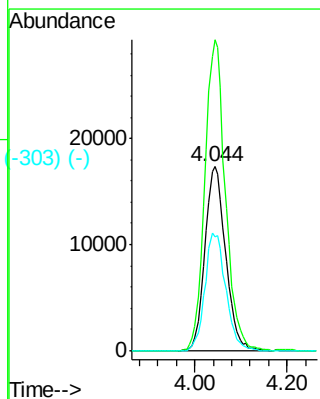
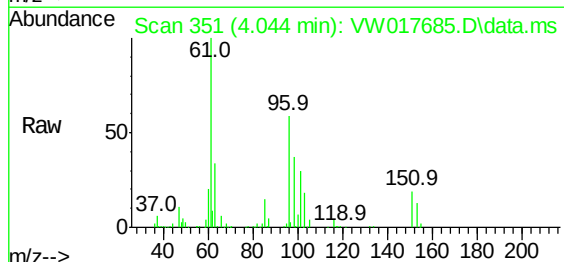
Manual Integrations
APPROVED

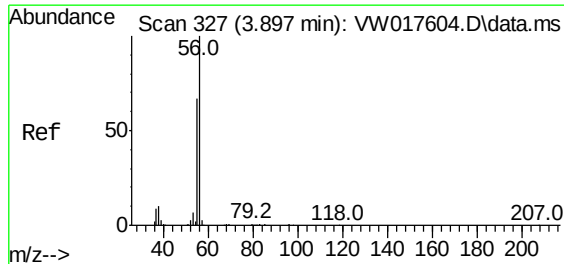
MMDadoda
12/22/2020 11:17:45 AM



1,1-Dichloroethene
Concen: 20.85 ug/l
RT: 4.044 min Scan# 351
Delta R.T. -0.006 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49

Tgt Ion: 96 Resp: 53665
Ion Ratio Lower Upper
96 100
61 169.0 111.7 167.5#
98 62.0 49.0 73.4





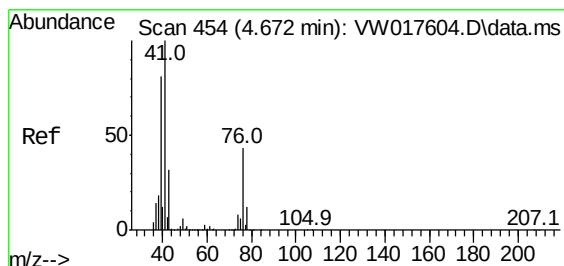
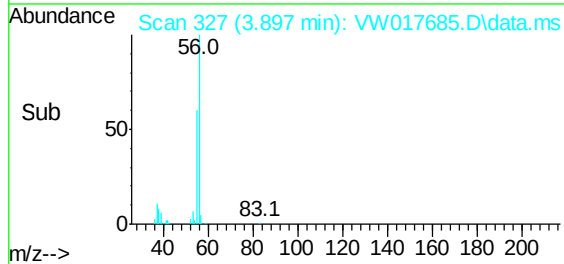
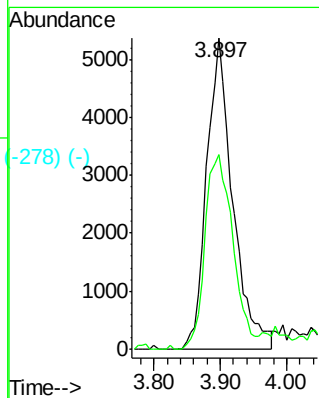
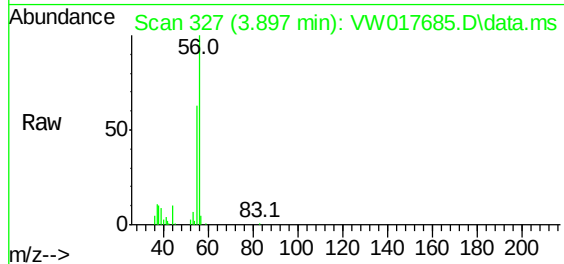
Acrolein
Concen: 87.28 ug/l
RT: 3.897 min Scan# 327
Delta R.T. 0.000 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49

Tgt Ion: 56 Resp: 14590
Ion Ratio Lower Upper
56 100
55 66.6 55.9 83.9

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS01

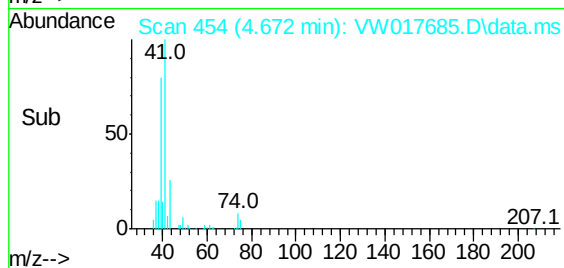
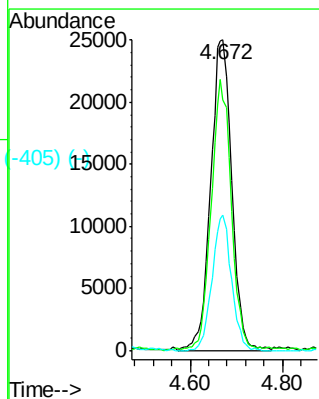
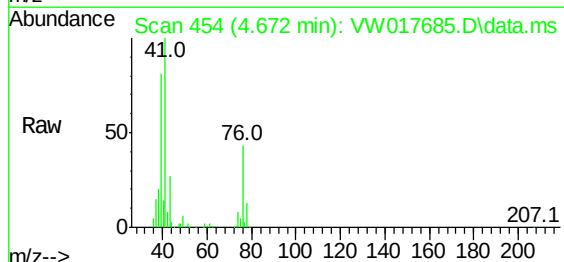
Manual Integrations
APPROVED

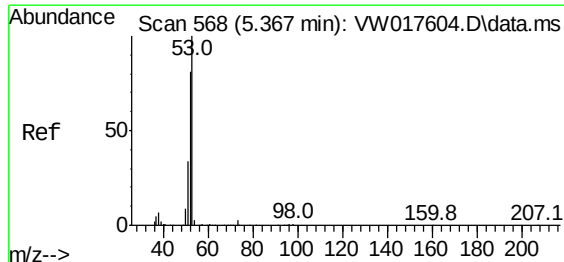
MMDadoda
12/22/2020 11:17:45 AM



Allyl chloride
Concen: 20.02 ug/l
RT: 4.672 min Scan# 454
Delta R.T. -0.000 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49

Tgt Ion: 41 Resp: 79347
Ion Ratio Lower Upper
41 100
39 81.8 57.8 86.8
76 39.9 35.1 52.7





Acrylonitrile
Concen: 87.47 ug/l
RT: 5.373 min Scan# 569
Delta R.T. 0.006 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49

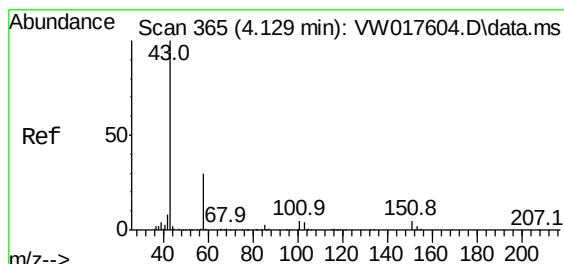
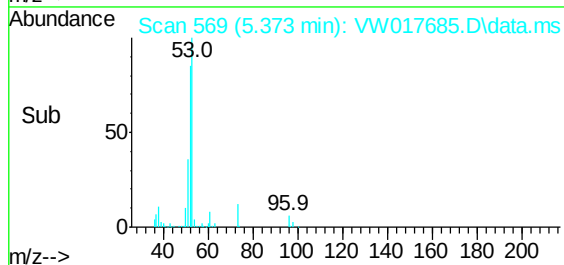
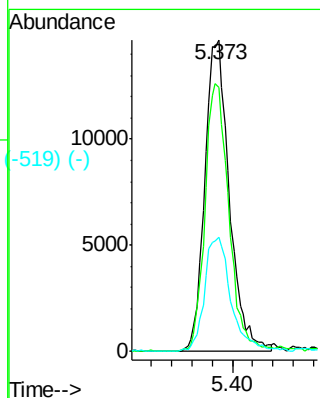
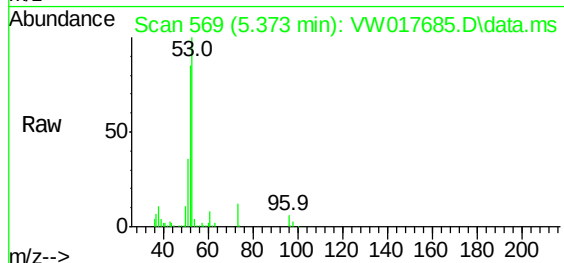
Tgt Ion: 53 Resp: 49019

Ion	Ratio	Lower	Upper
53	100		
52	83.5	65.0	97.4
51	38.7	29.1	43.7

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS01

Manual Integrations
APPROVED

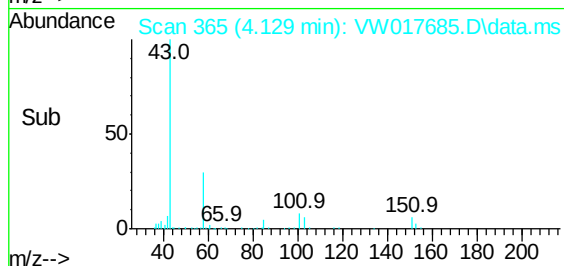
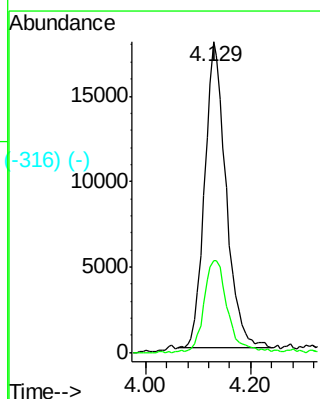
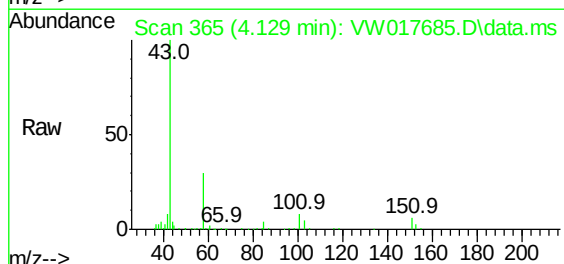
MMDadoda
12/22/2020 11:17:45 AM

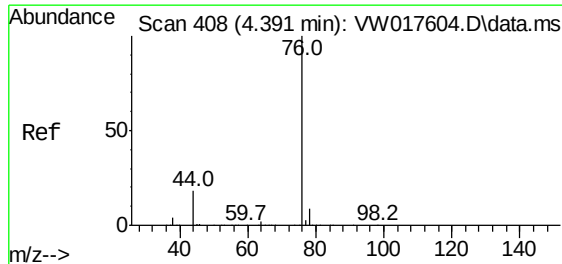


Acetone
Concen: 83.99 ug/l
RT: 4.129 min Scan# 365
Delta R.T. 0.000 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49

Tgt Ion: 43 Resp: 50728

Ion	Ratio	Lower	Upper
43	100		
58	29.7	25.7	38.5





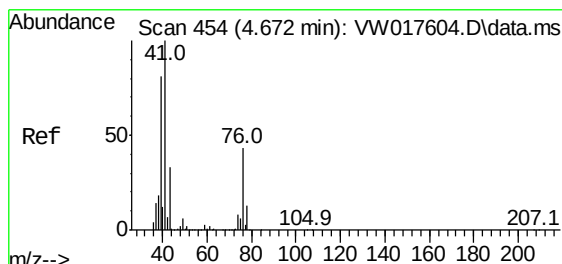
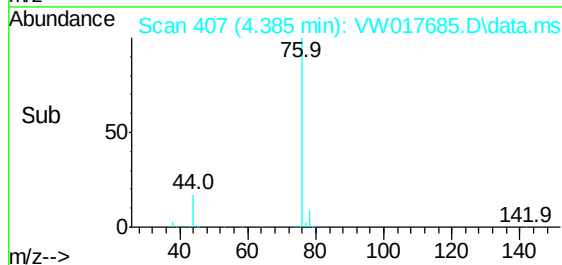
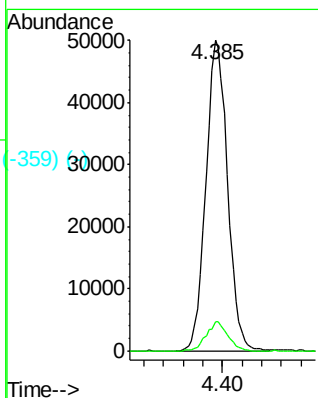
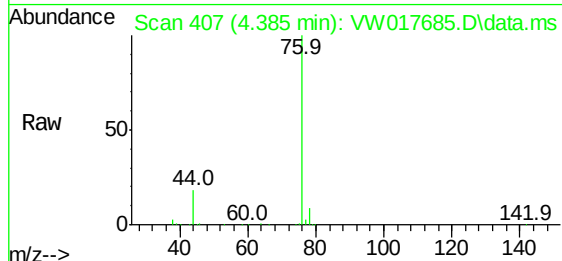
#37 (-)
Carbon Disulfide
Concen: 20.32 ug/l
RT: 4.385 min Scan# 407
Delta R.T. -0.006 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49

Tgt Ion: 76 Resp: 152919
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS01

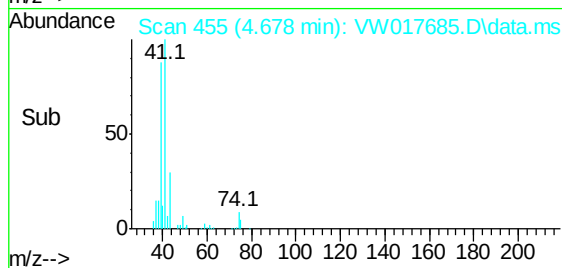
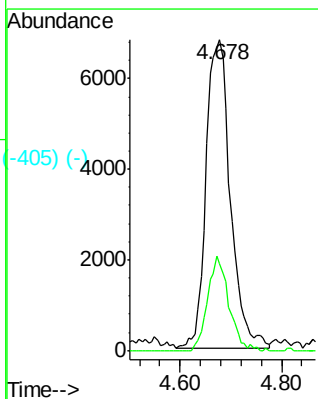
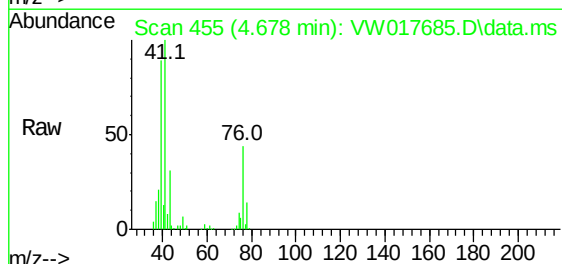
Manual Integrations
APPROVED

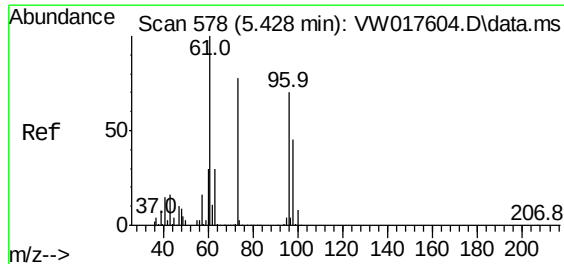
MMDadoda
12/22/2020 11:17:45 AM



#38 (-)
Methyl Acetate
Concen: 18.33 ug/l
RT: 4.678 min Scan# 455
Delta R.T. 0.006 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49

Tgt Ion: 43 Resp: 22501
Ion Ratio Lower Upper
43 100
74 26.5 23.8 35.6





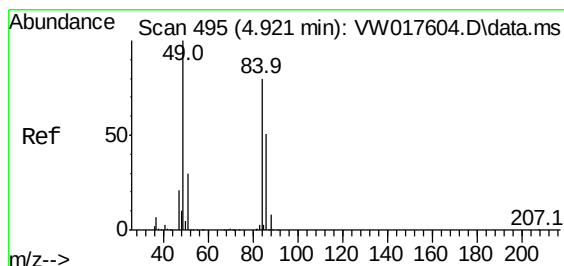
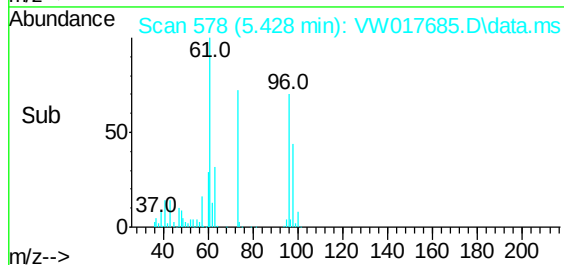
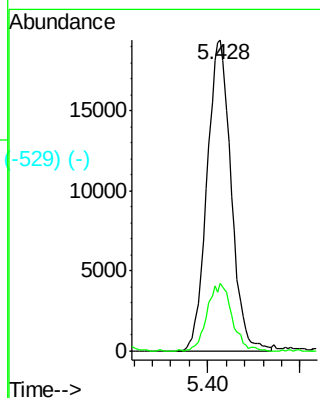
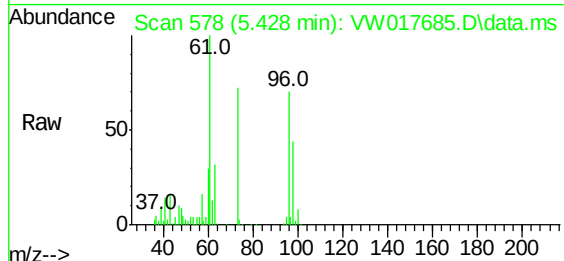
Methyl tert-butyl Ether
Concen: 20.10 ug/l
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49

Tgt Ion: 73 Resp: 69988
Ion Ratio Lower Upper
73 100
57 21.6 16.1 24.1

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS01

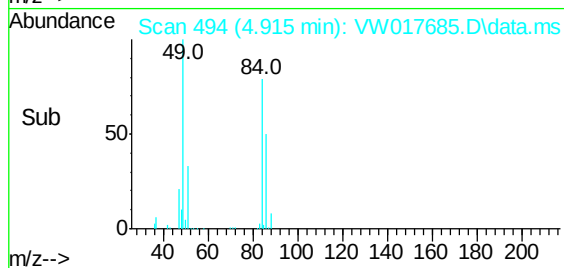
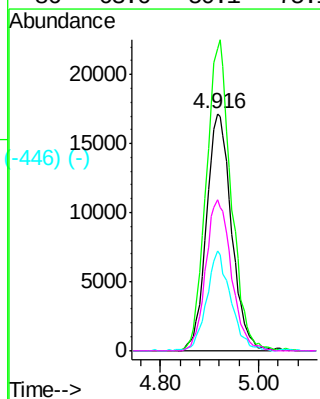
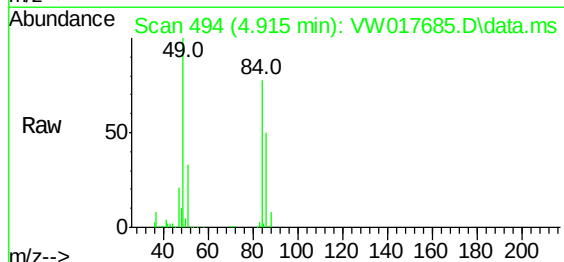
Manual Integrations
APPROVED

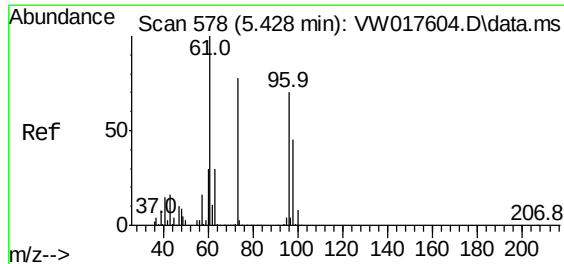
MMDadoda
12/22/2020 11:17:45 AM



Methylene Chloride
Concen: 20.25 ug/l
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49

Tgt Ion: 84 Resp: 60615
Ion Ratio Lower Upper
84 100
49 127.5 79.0 118.6#
51 41.9 26.1 39.1#
86 63.6 50.1 75.1





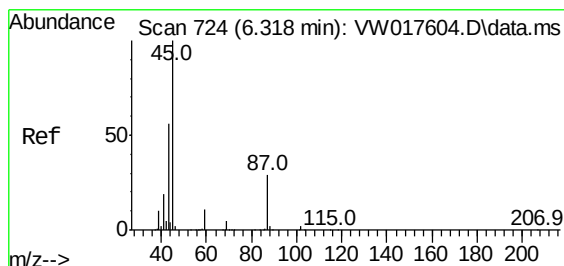
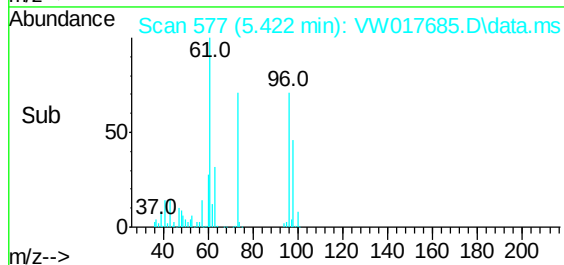
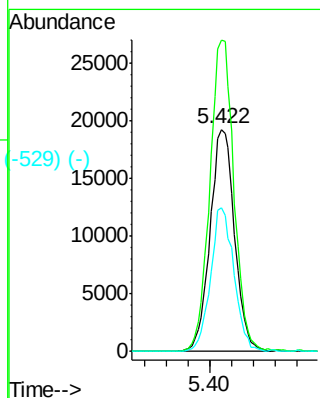
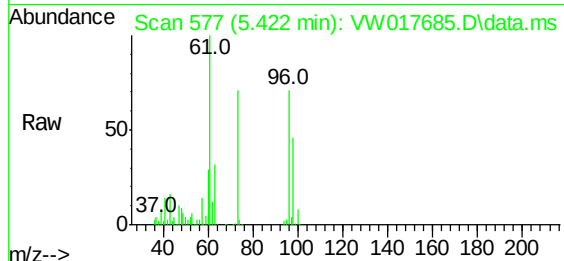
#21 (-)
trans-1,2-Dichloroethene
Concen: 20.86 ug/l
RT: 5.422 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49

Tgt Ion: 96	Resp: 59633
Ion Ratio	Lower Upper
96 100	
61 140.2	97.4 146.0
98 64.7	49.4 74.0

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS01

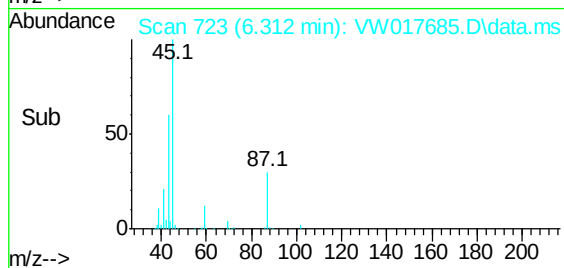
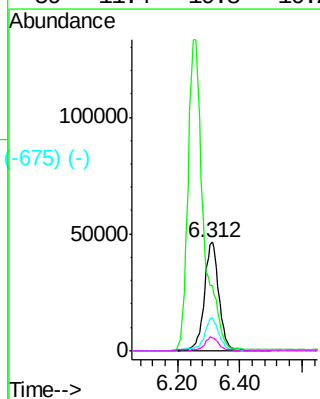
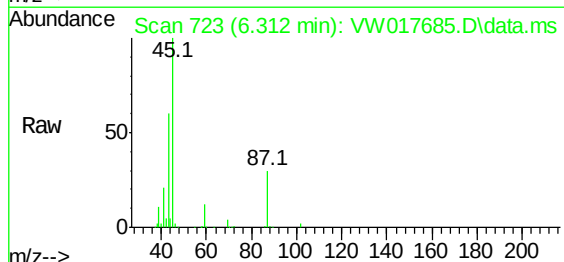
Manual Integrations
APPROVED

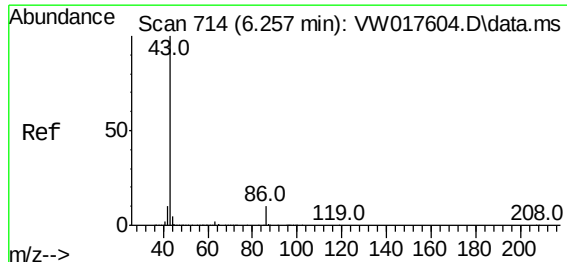
MMDadoda
12/22/2020 11:17:45 AM



#22 (-)
Diisopropyl ether
Concen: 21.11 ug/l
RT: 6.312 min Scan# 723
Delta R.T. -0.006 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49

Tgt Ion: 45	Resp: 152701
Ion Ratio	Lower Upper
45 100	
43 59.5	43.8 65.8
87 29.8	27.6 41.4
59 11.4	10.8 16.2





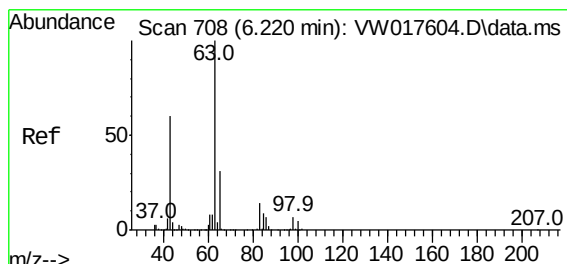
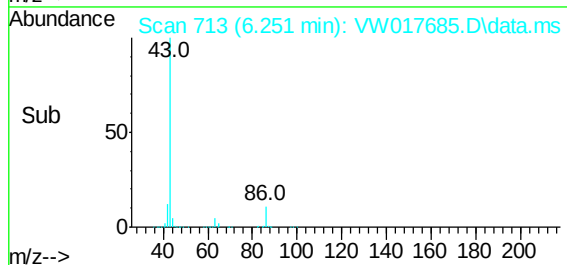
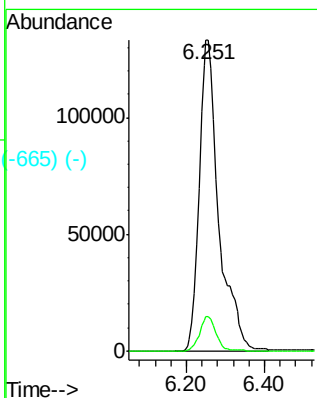
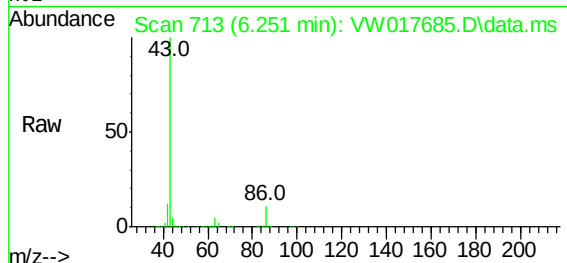
#23 (-)
Vinyl Acetate
Concen: 94.74 ug/l
RT: 6.251 min Scan# 713
Delta R.T. -0.006 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49

Tgt Ion: 43 Resp: 461222
Ion Ratio Lower Upper
43 100
86 10.9 10.2 15.4

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS01

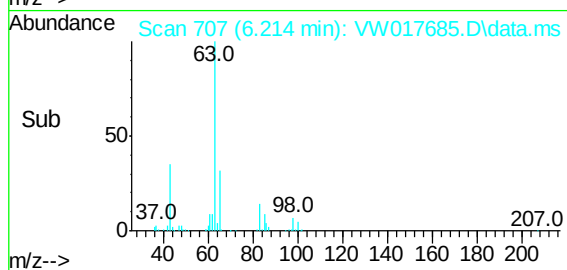
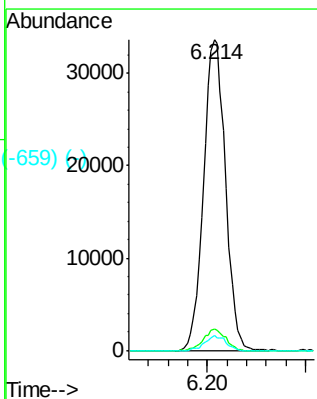
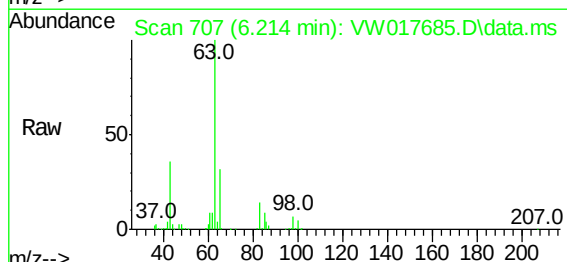
Manual Integrations
APPROVED

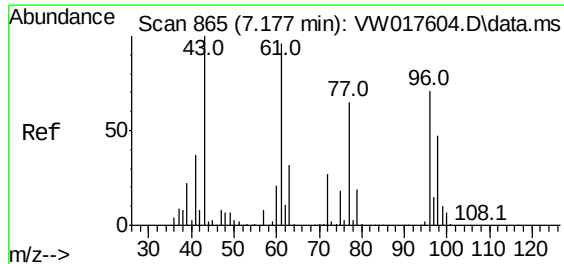
MMDadoda
12/22/2020 11:17:45 AM



#24 (-)
1,1-Dichloroethane
Concen: 21.16 ug/l
RT: 6.214 min Scan# 707
Delta R.T. -0.006 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49

Tgt Ion: 63 Resp: 103902
Ion Ratio Lower Upper
63 100
98 7.0 4.2 12.6
100 4.7 2.6 7.8





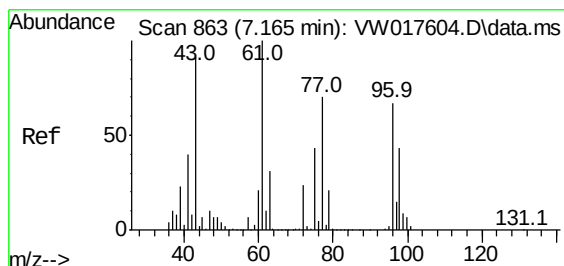
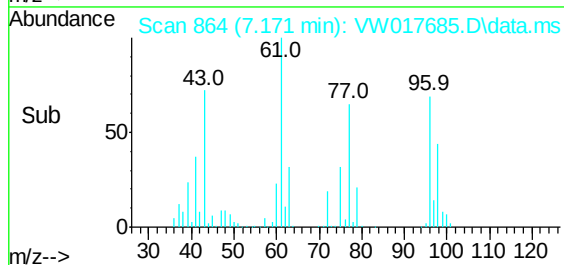
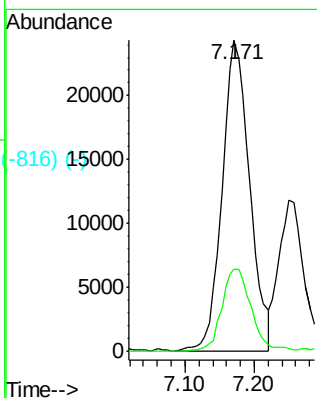
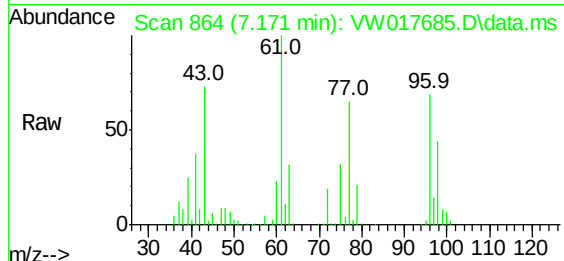
2-Butanone
Concen: 83.59 ug/l
RT: 7.171 min Scan# 864
Delta R.T. -0.006 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS01

Tgt Ion: 43 Resp: 67225
Ion Ratio Lower Upper
43 100
72 26.2 25.4 38.2

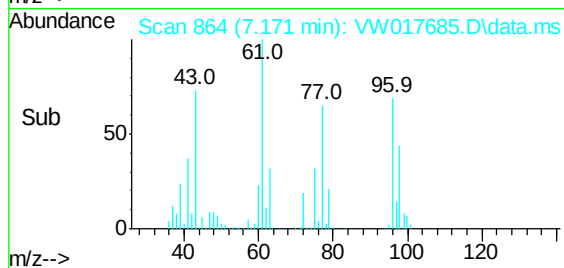
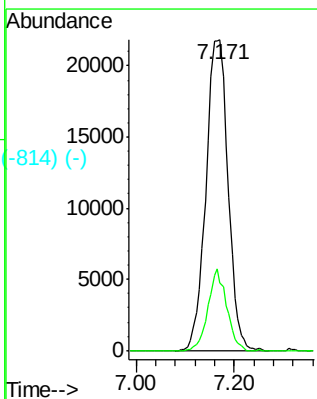
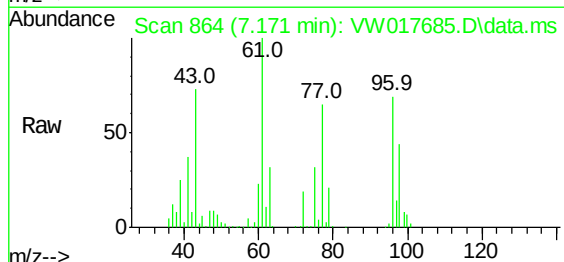
Manual Integrations
APPROVED

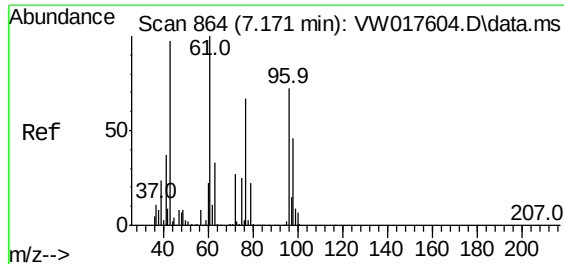
MMDadoda
12/22/2020 11:17:45 AM



2,2-Dichloropropane
Concen: 18.25 ug/l
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49

Tgt Ion: 77 Resp: 68155
Ion Ratio Lower Upper
77 100
97 22.1 12.4 37.4





cis-1,2-Dichloroethene
Concen: 20.54 ug/l
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49

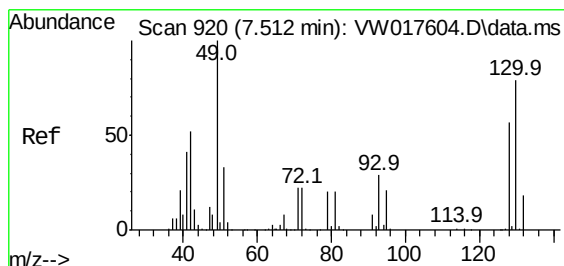
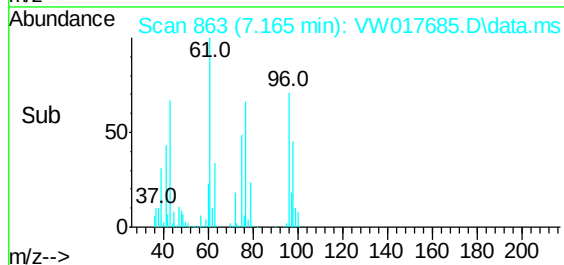
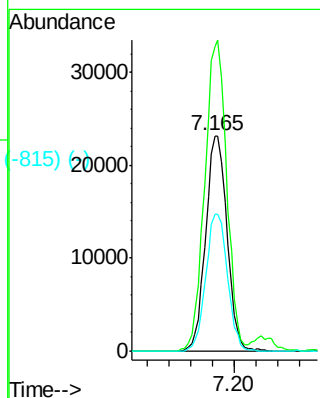
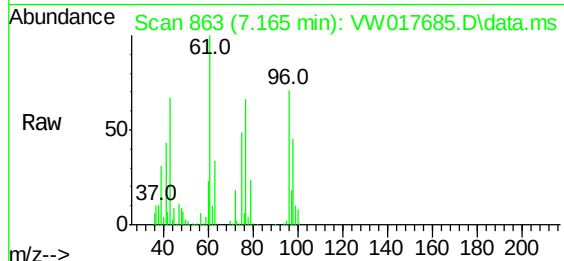
Tgt Ion: 96 Resp: 62724

Ion	Ratio	Lower	Upper
96	100		
61	149.1	0.0	249.6
98	64.7	0.0	129.4

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS01

Manual Integrations
APPROVED

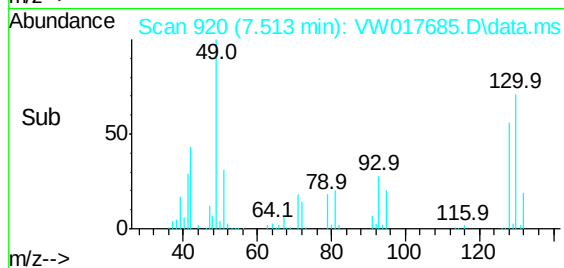
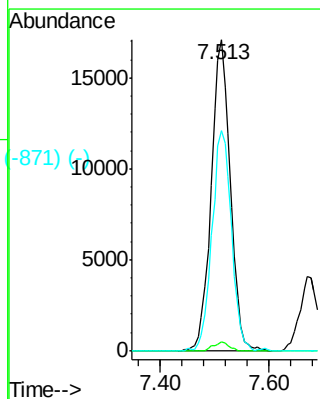
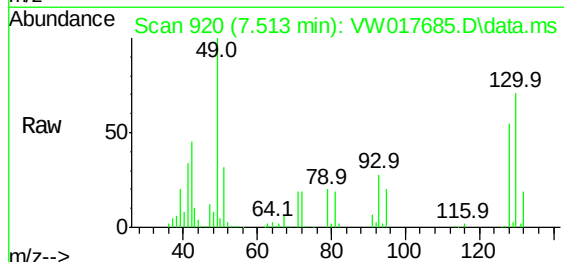
MMDadoda
12/22/2020 11:17:45 AM

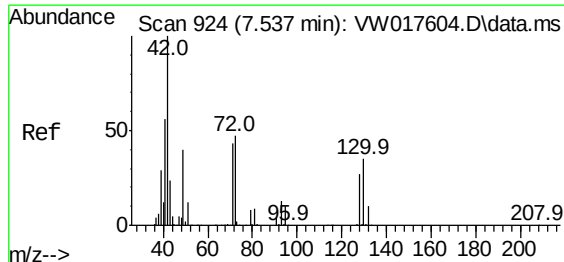


Bromochloromethane
Concen: 19.78 ug/l
RT: 7.513 min Scan# 920
Delta R.T. 0.001 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49

Tgt Ion: 49 Resp: 41299

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.8
130	72.2	81.3	121.9#





Tetrahydrofuran
Concen: 90.03 ug/l
RT: 7.531 min Scan# 923
Delta R.T. -0.006 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49

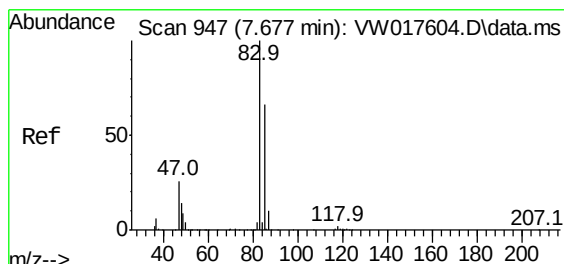
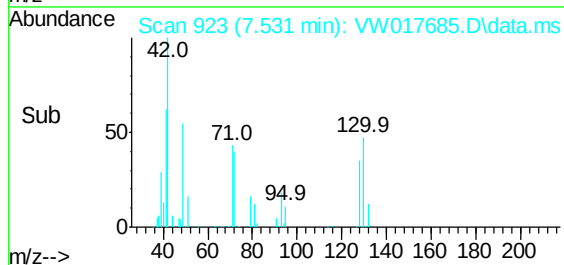
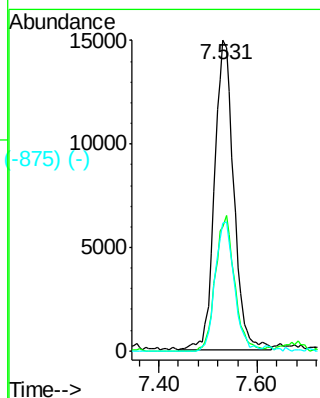
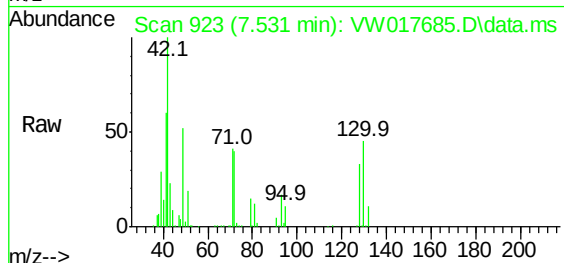
Tgt Ion: 42 Resp: 40727

Ion	Ratio	Lower	Upper
42	100		
72	43.2	42.0	63.0
71	41.4	39.0	58.6

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS01

Manual Integrations
APPROVED

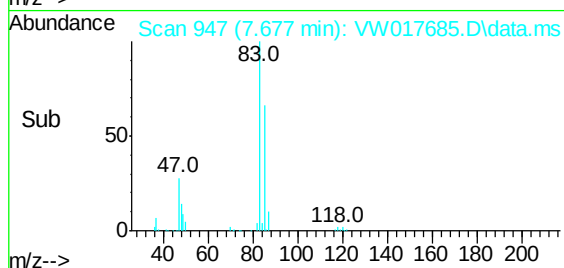
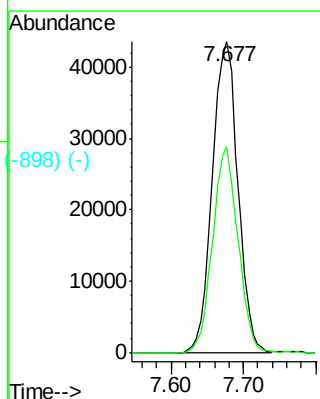
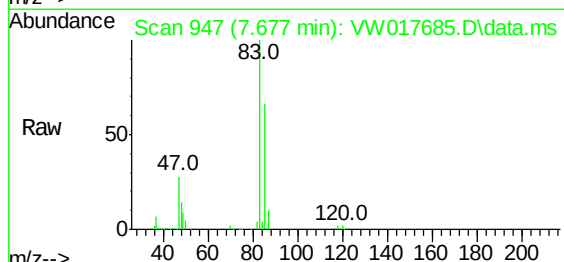
MMDadoda
12/22/2020 11:17:45 AM

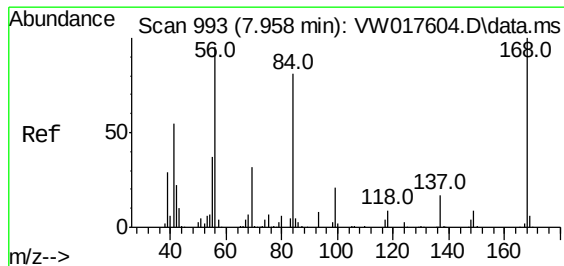


Chloroform
Concen: 21.27 ug/l
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49

Tgt Ion: 83 Resp: 106103

Ion	Ratio	Lower	Upper
83	100		
85	66.1	51.7	77.5





Cyclohexane
Concen: 20.49 ug/l
RT: 7.952 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49

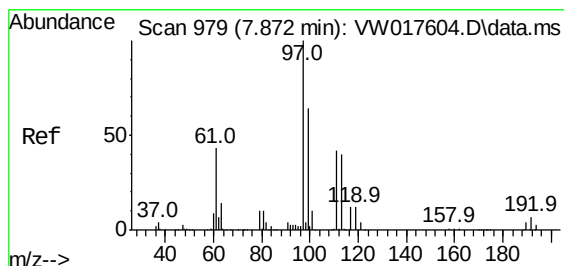
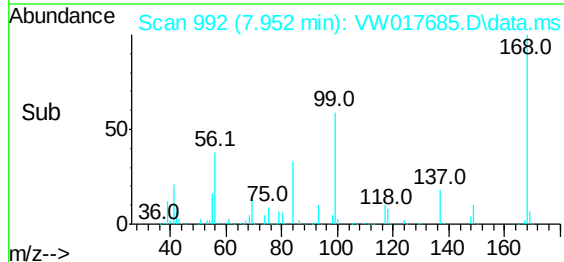
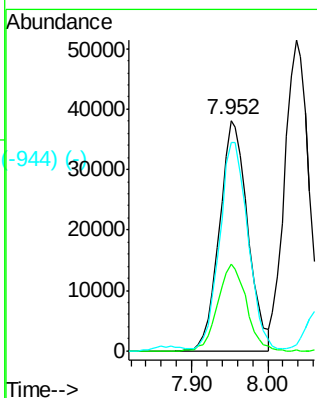
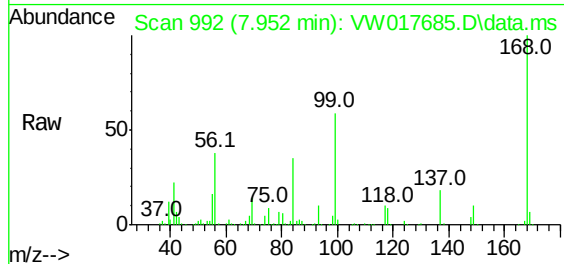
Tgt Ion: 56 Resp: 98209

Ion	Ratio	Lower	Upper
56	100		
69	37.4	29.3	43.9
84	88.7	80.5	120.7

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS01

Manual Integrations
APPROVED

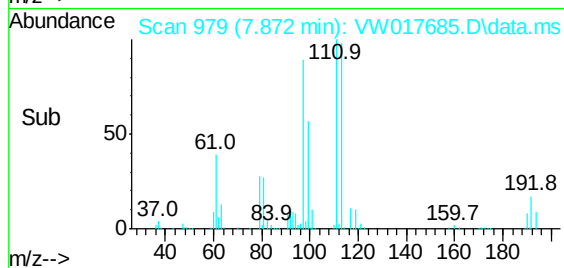
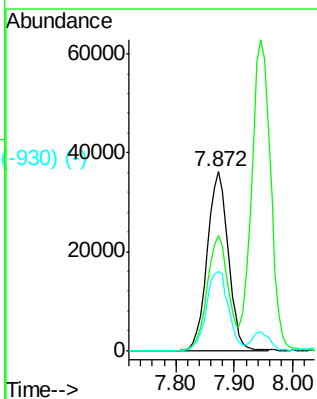
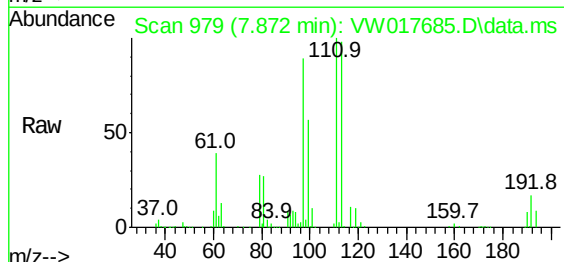
MMDadoda
12/22/2020 11:17:45 AM

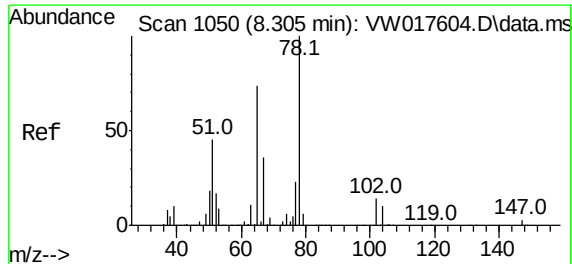


1,1,1-Trichloroethane
Concen: 20.99 ug/l
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49

Tgt Ion: 97 Resp: 89476

Ion	Ratio	Lower	Upper
97	100		
99	65.5	52.4	78.6
61	46.5	31.9	47.9





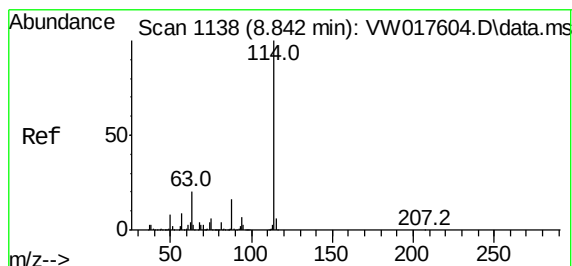
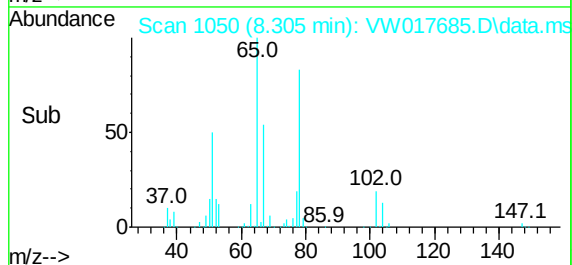
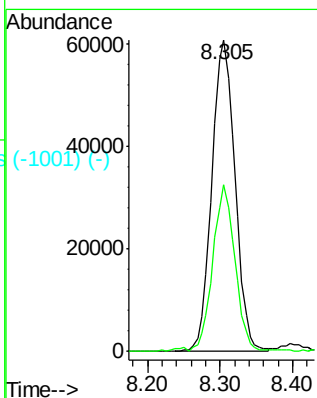
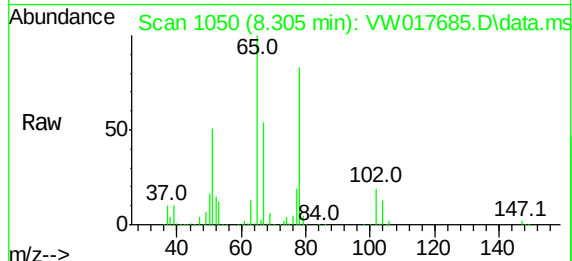
#1084 (-)
1,2-Dichloroethane-d4
Concen: 47.95 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49

Tgt Ion: 65 Resp: 133106
Ion Ratio Lower Upper
65 100
67 51.0 0.0 103.8

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS01

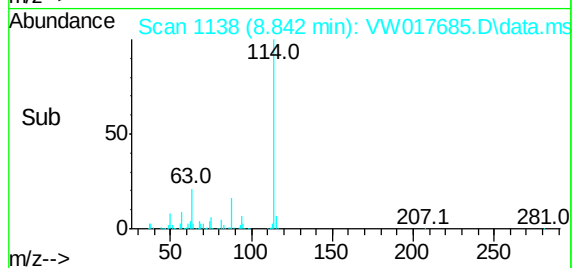
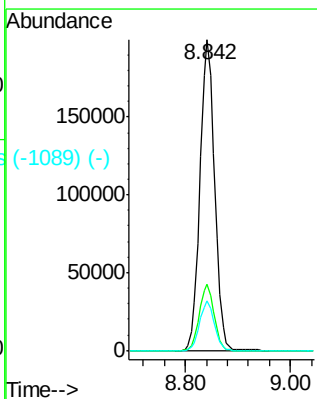
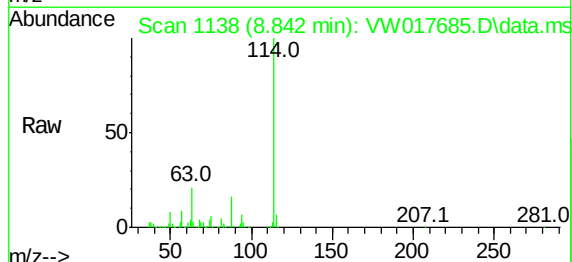
Manual Integrations
APPROVED

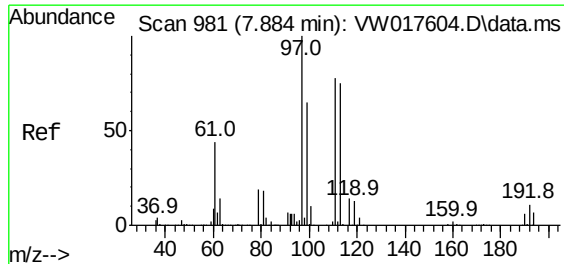
MMDadoda
12/22/2020 11:17:45 AM



#1128 (-)
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. -0.000 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49

Tgt Ion:114 Resp: 385999
Ion Ratio Lower Upper
114 100
63 21.2 0.0 35.6
88 16.0 0.0 30.4





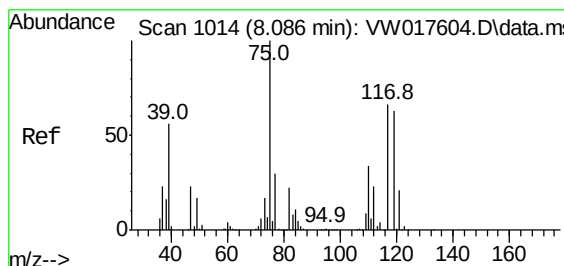
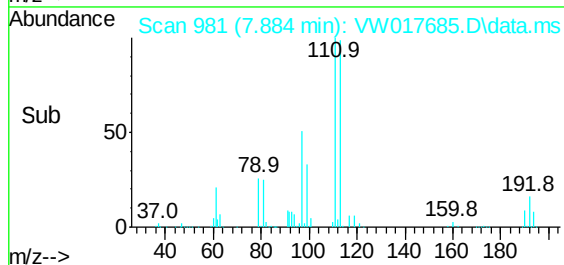
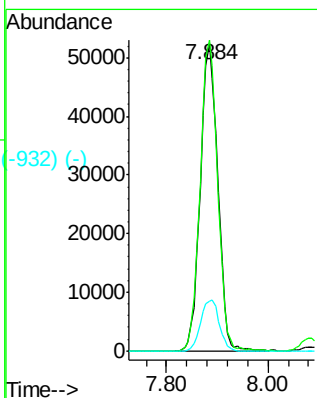
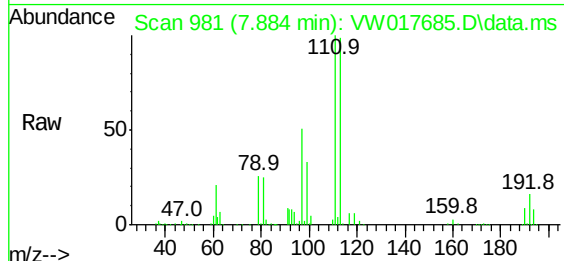
#935 (-)
Dibromofluoromethane
Concen: 48.61 ug/l
RT: 7.884 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49

Tgt Ion: 113 Resp: 124174
Ion Ratio Lower Upper
113 100
111 101.2 81.4 122.2
192 17.5 17.8 26.8#

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS01

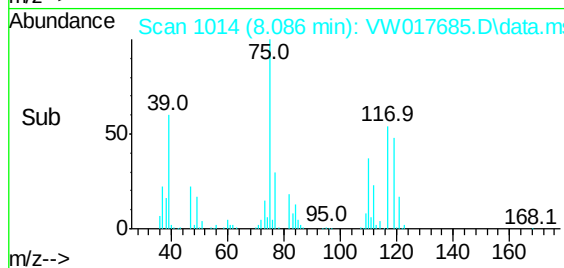
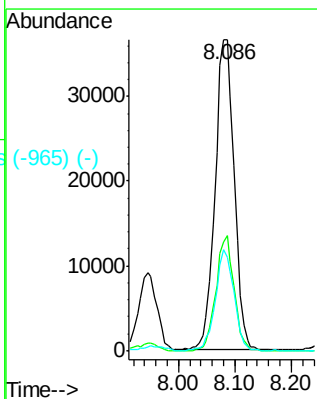
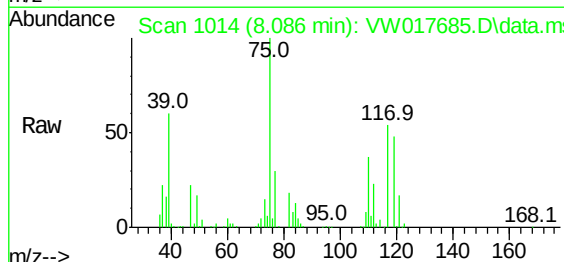
Manual Integrations
APPROVED

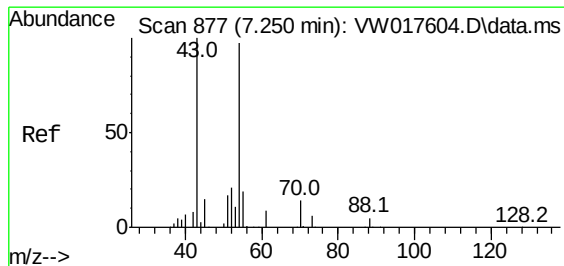
MMDadoda
12/22/2020 11:17:45 AM



#936 (-)
1,1-Dichloropropene
Concen: 21.35 ug/l
RT: 8.086 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49

Tgt Ion: 75 Resp: 86273
Ion Ratio Lower Upper
75 100
110 34.8 19.3 57.9
77 31.3 25.0 37.6





Ethyl Acetate
Concen: 17.84 ug/l
RT: 7.250 min Scan# 877
Delta R.T. 0.000 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49

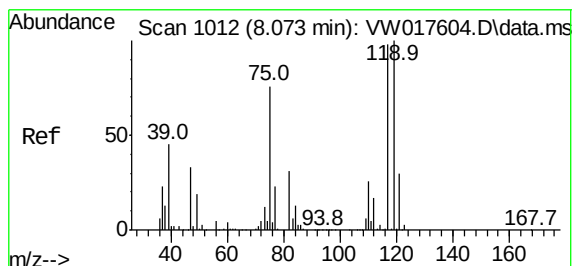
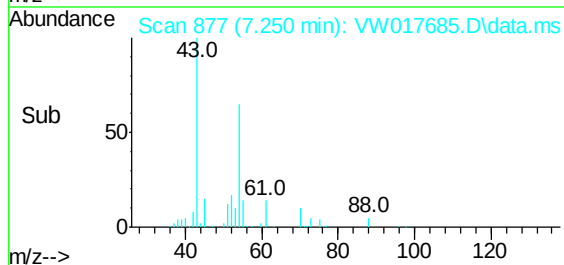
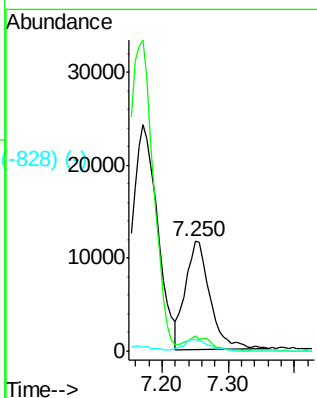
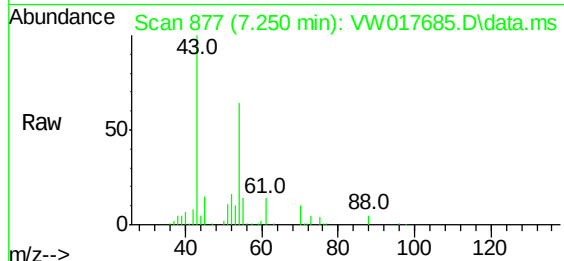
Tgt Ion: 43 Resp: 30132

Ion	Ratio	Lower	Upper
43	100		
61	13.3	12.0	18.0
70	10.4	9.9	14.9

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS01

Manual Integrations
APPROVED

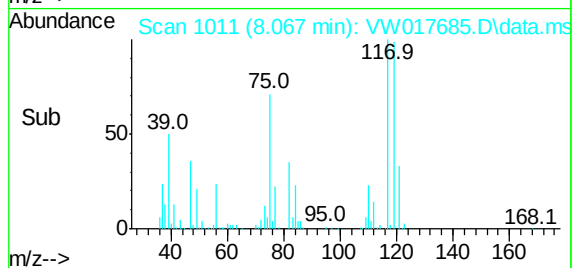
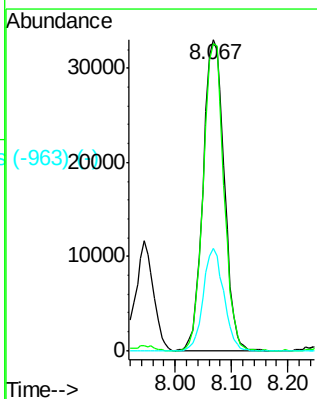
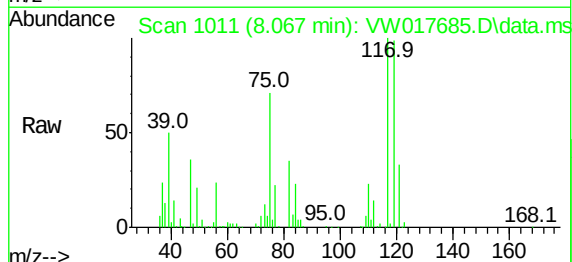
MMDadoda
12/22/2020 11:17:45 AM

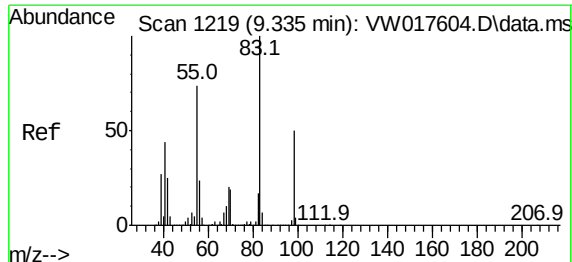


Carbon Tetrachloride
Concen: 20.88 ug/l
RT: 8.067 min Scan# 1011
Delta R.T. -0.006 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49

Tgt Ion: 117 Resp: 84817

Ion	Ratio	Lower	Upper
117	100		
119	98.8	81.6	122.4
121	32.9	25.7	38.5





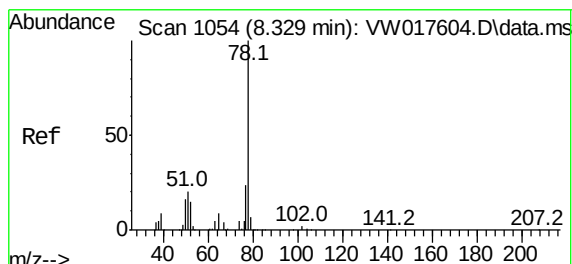
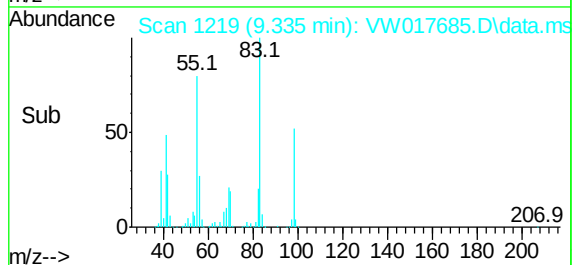
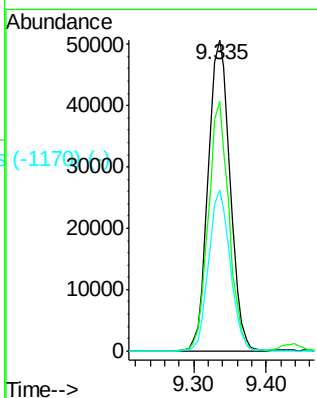
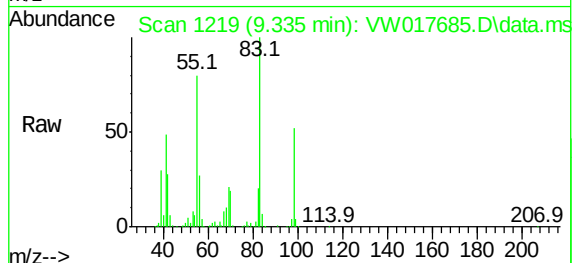
(#120) (-)
Methylcyclohexane
Concen: 20.61 ug/l
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49

Tgt Ion: 83 Resp: 105489
Ion Ratio Lower Upper
83 100
55 80.4 51.7 77.5#
98 51.8 41.0 61.4

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS01

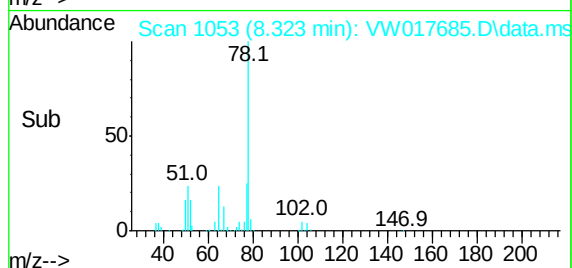
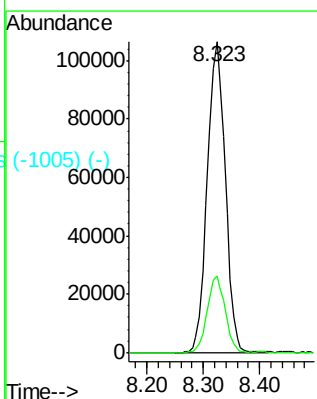
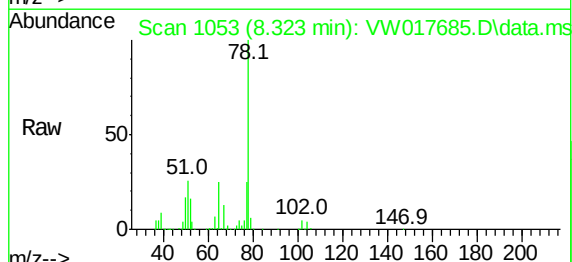
Manual Integrations
APPROVED

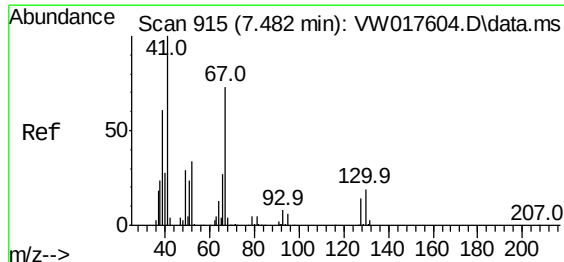
MMDadoda
12/22/2020 11:17:45 AM



(#109) (-)
Benzene
Concen: 21.86 ug/l
RT: 8.323 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49

Tgt Ion: 78 Resp: 234012
Ion Ratio Lower Upper
78 100
77 24.5 18.5 27.7





Methacrylonitrile
Concen: 17.68 ug/l
RT: 7.476 min Scan# 914
Delta R.T. -0.006 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49

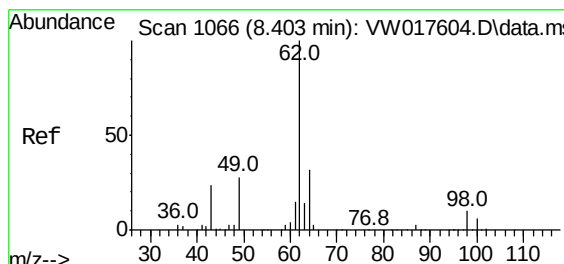
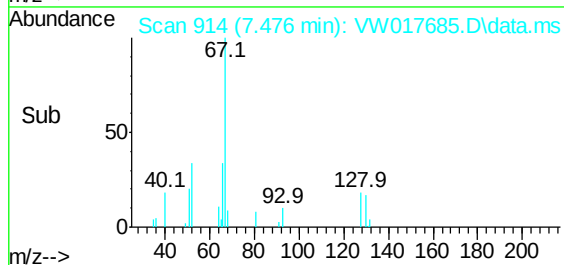
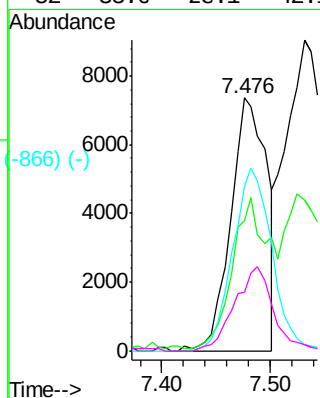
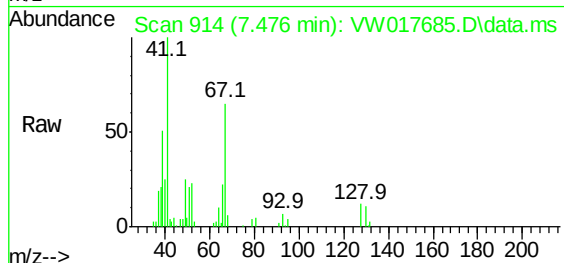
Tgt Ion: 41 Resp: 16866

Ion	Ratio	Lower	Upper
41	100		
39	62.6	47.0	70.6
67	78.5	68.6	102.8
52	35.6	28.1	42.1

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS01

Manual Integrations
APPROVED

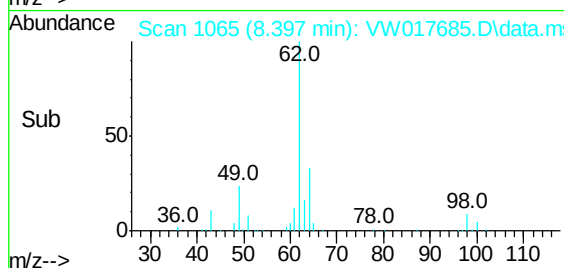
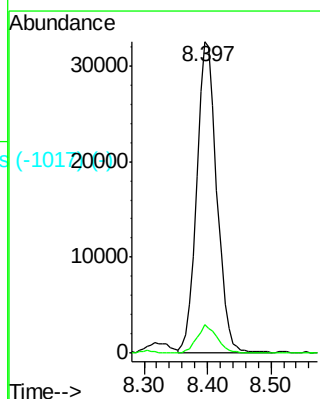
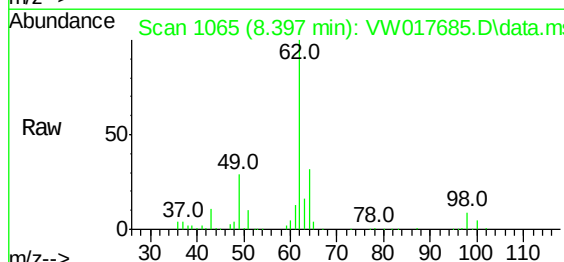
MMDadoda
12/22/2020 11:17:45 AM

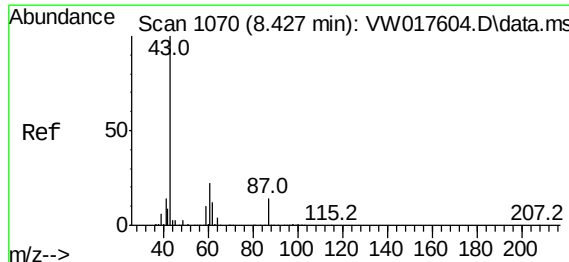


1,2-Dichloroethane
Concen: 21.52 ug/l
RT: 8.397 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49

Tgt Ion: 62 Resp: 70134

Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	21.0



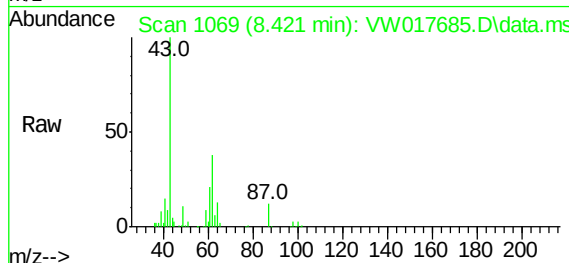


(#1061) (-)
Isopropyl Acetate
Concen: 18.31 ug/l
RT: 8.421 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49

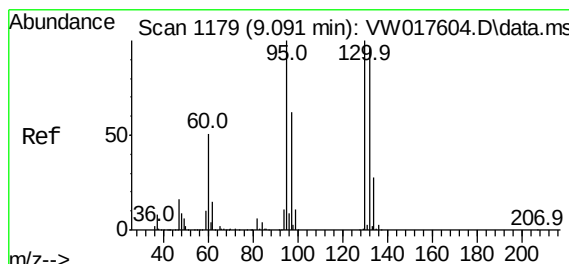
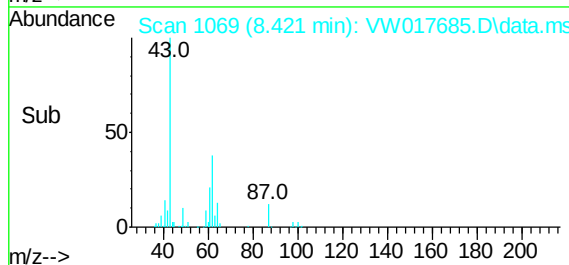
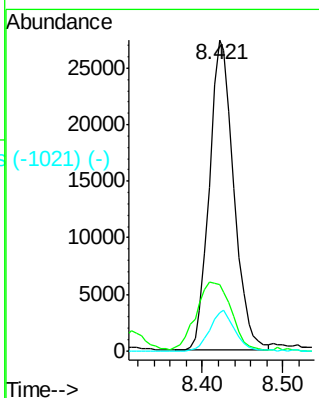
Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS01

Manual Integrations
APPROVED

MMDadoda
12/22/2020 11:17:45 AM

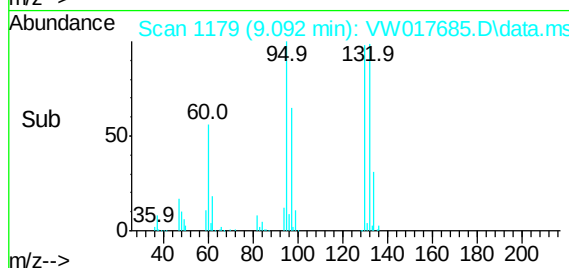
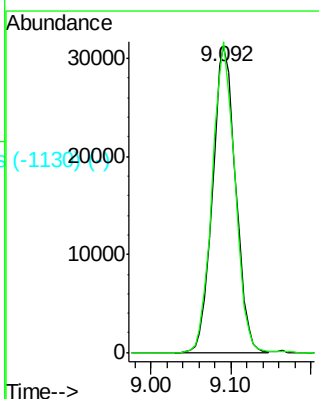
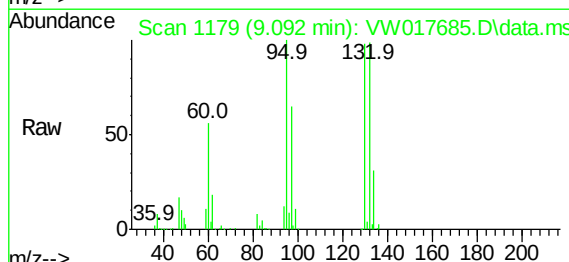


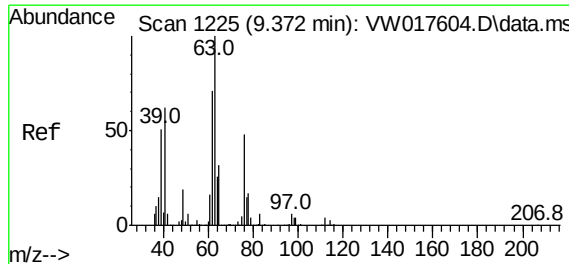
Tgt Ion: 43 Resp: 58008
Ion Ratio Lower Upper
43 100
61 32.1 27.5 41.3
87 13.2 13.6 20.4#



(#1169) (-)
Trichloroethene
Concen: 21.10 ug/l
RT: 9.092 min Scan# 1179
Delta R.T. 0.001 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49

Tgt Ion:130 Resp: 62319
Ion Ratio Lower Upper
130 100
95 101.8 0.0 180.2



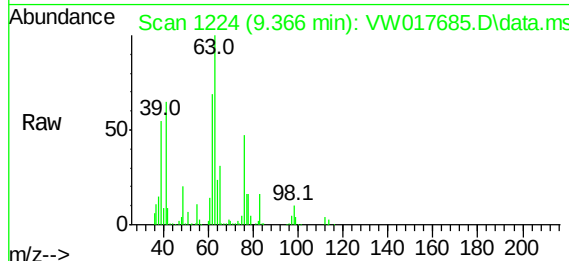


(#113) (-)
1,2-Dichloropropane
Concen: 21.46 ug/l
RT: 9.366 min Scan# 1224
Delta R.T. -0.006 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49

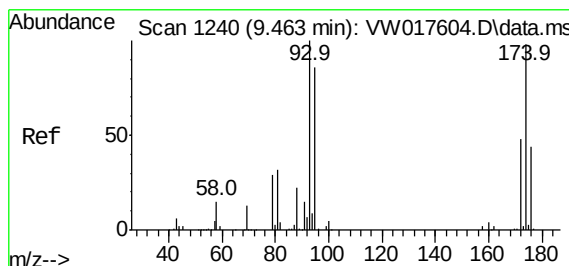
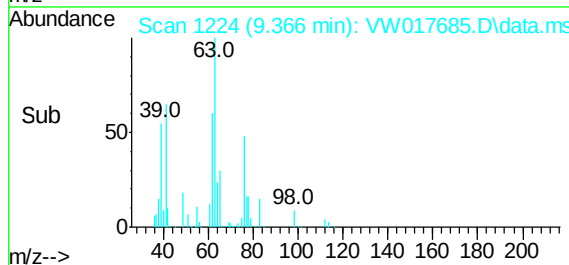
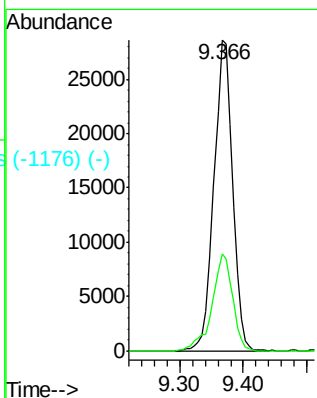
Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS01

Manual Integrations
APPROVED

MMDadoda
12/22/2020 11:17:45 AM

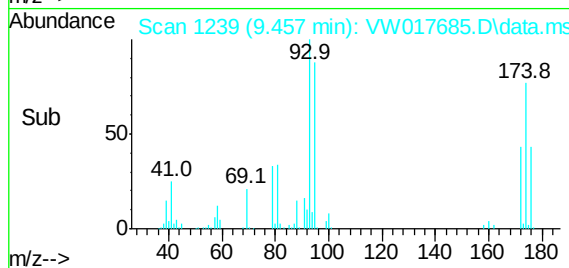
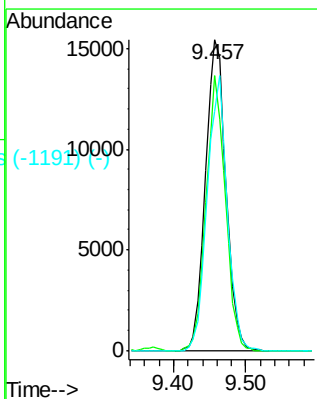
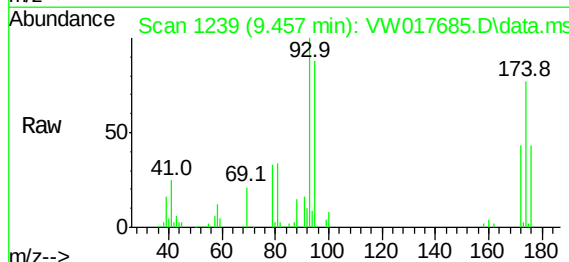


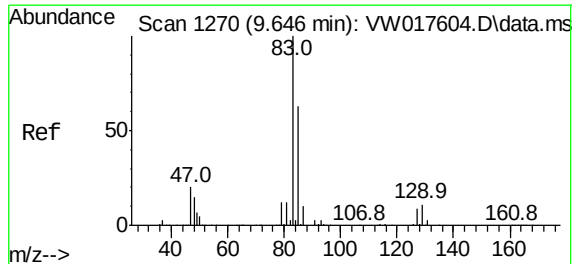
Tgt Ion: 63 Resp: 56690
Ion Ratio Lower Upper
63 100
65 31.1 25.1 37.7



(#112) (-)
Dibromomethane
Concen: 20.41 ug/l
RT: 9.457 min Scan# 1239
Delta R.T. -0.006 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49

Tgt Ion: 93 Resp: 30172
Ion Ratio Lower Upper
93 100
95 83.2 66.5 99.7
174 85.9 91.0 136.6#



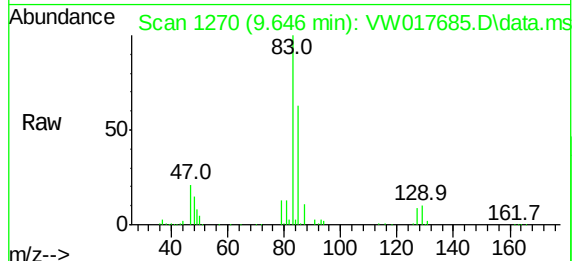


(#1258) (-)
Bromodichloromethane
Concen: 20.68 ug/l
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49

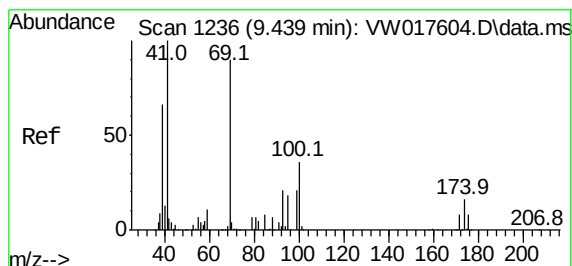
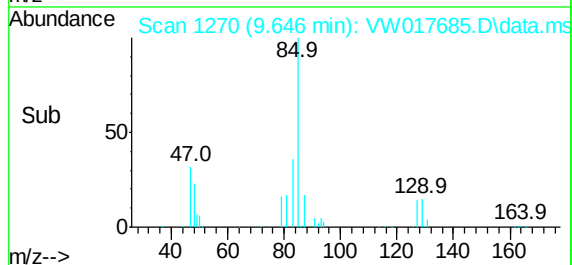
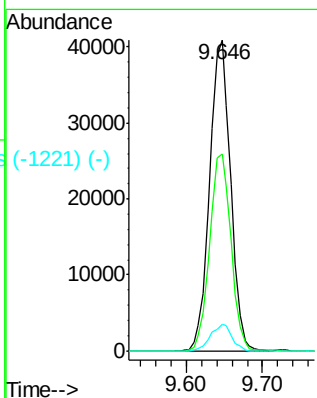
Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS01

Manual Integrations
APPROVED

MMDadoda
12/22/2020 11:17:45 AM

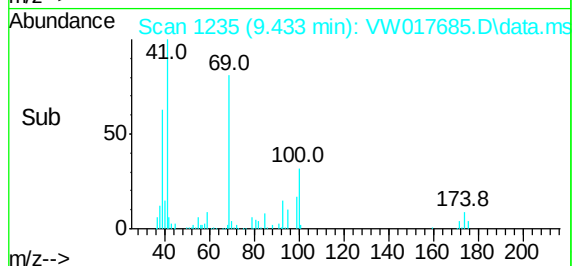
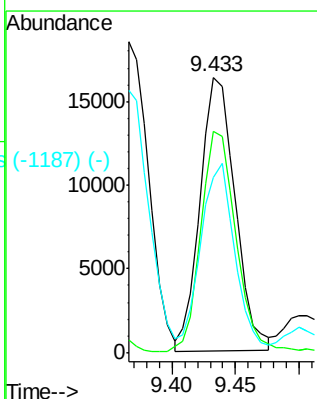
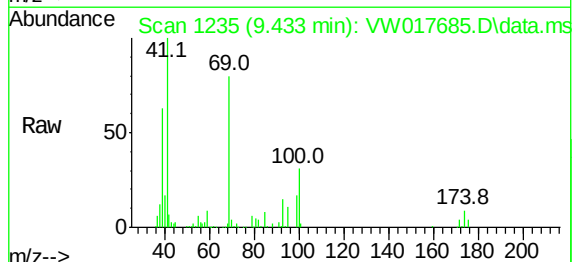


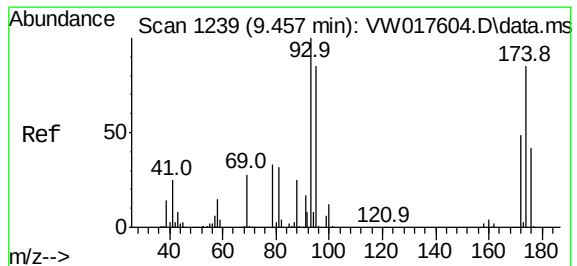
Tgt Ion: 83 Resp: 77897
Ion Ratio Lower Upper
83 100
85 63.1 52.7 79.1
127 8.5 7.8 11.6



(#1230) (-)
Methyl methacrylate
Concen: 19.76 ug/l
RT: 9.433 min Scan# 1235
Delta R.T. -0.006 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49

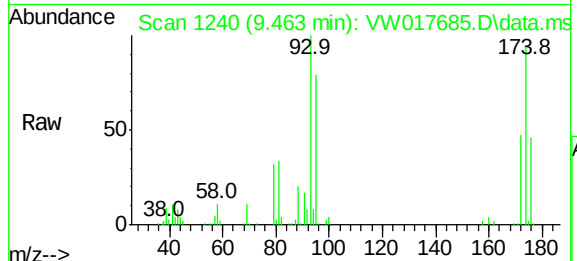
Tgt Ion: 41 Resp: 30721
Ion Ratio Lower Upper
41 100
69 82.1 83.5 125.3#
39 61.9 50.9 76.3





#1190 (-)
1,4-Dioxane
Concen: 393.14 ug/l
RT: 9.463 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49

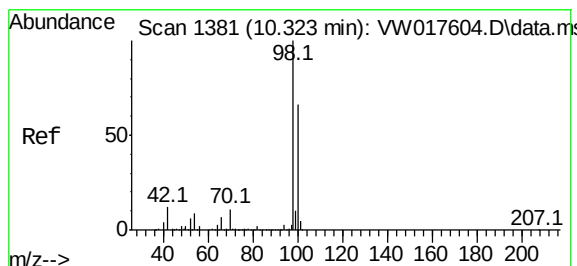
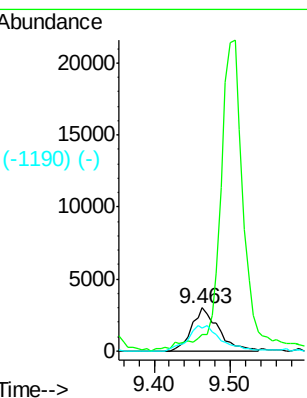
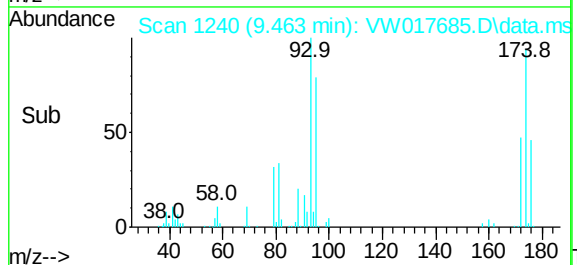
Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS01



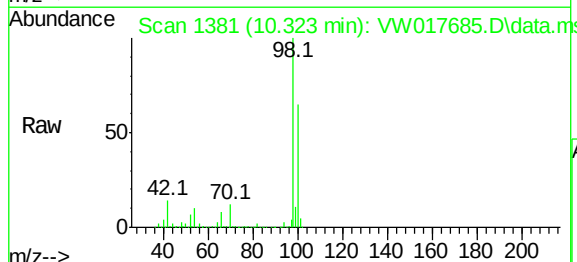
Tgt Ion: 88 Resp: 7188
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 71.8 54.0 81.0

Manual Integrations
APPROVED

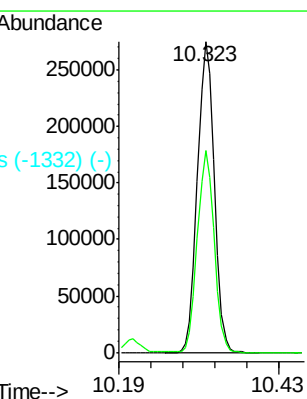
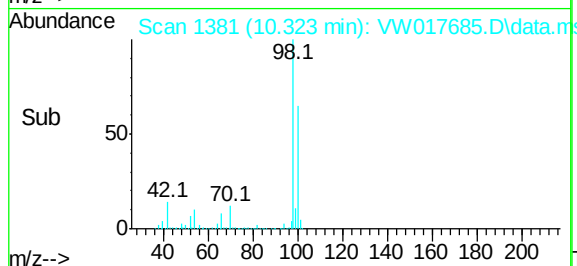
MMDadoda
12/22/2020 11:17:45 AM

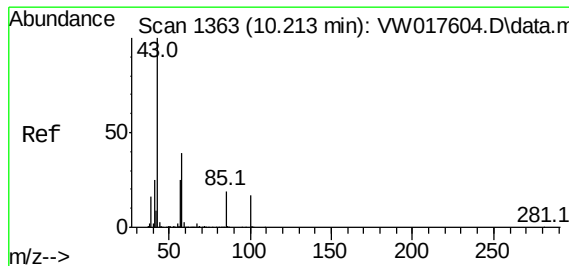


#5071 (-)
Toluene-d8
Concen: 48.71 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49



Tgt Ion: 98 Resp: 484473
Ion Ratio Lower Upper
98 100
100 64.8 53.3 79.9





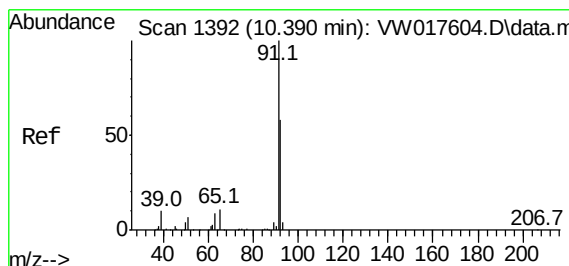
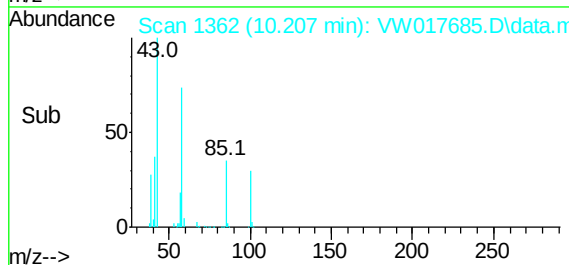
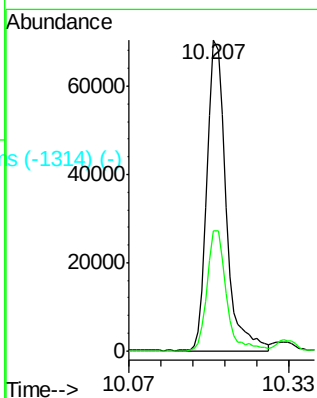
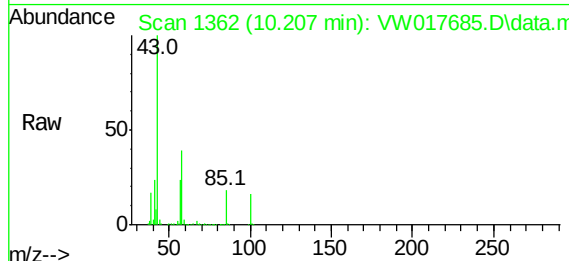
4-Methyl-2-Pentanone
 Concen: 89.11 ug/l
 RT: 10.207 min Scan# 1362
 Delta R.T. -0.006 min
 Lab File: VW017685.D
 Acq: 21 Dec 2020 11:49

Tgt Ion: 43 Resp: 140531
 Ion Ratio Lower Upper
 43 100
 58 39.0 34.7 52.1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1221SBS01

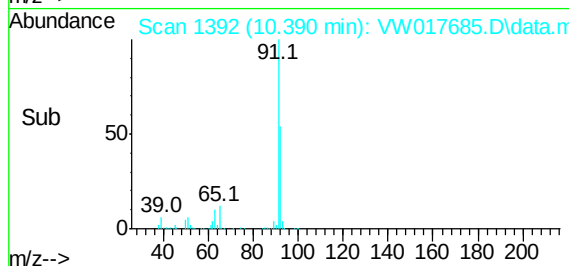
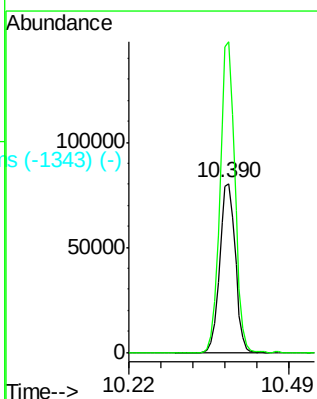
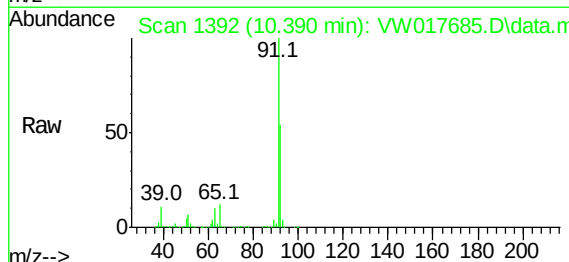
Manual Integrations
 APPROVED

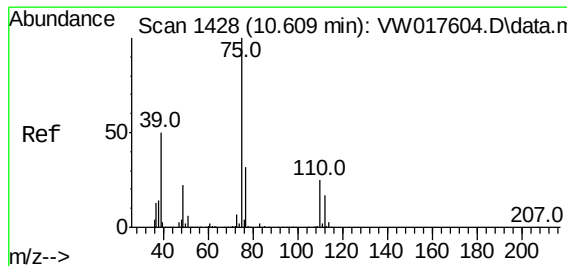
MMDadoda
 12/22/2020 11:17:45 AM



Toluene
 Concen: 21.37 ug/l
 RT: 10.390 min Scan# 1392
 Delta R.T. 0.000 min
 Lab File: VW017685.D
 Acq: 21 Dec 2020 11:49

Tgt Ion: 92 Resp: 149583
 Ion Ratio Lower Upper
 92 100
 91 175.8 134.7 202.1



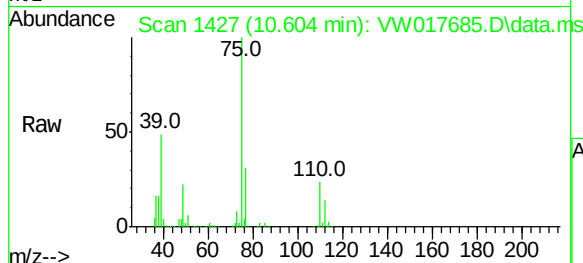


#5418 (-)
t-1,3-Dichloropropene
Concen: 19.80 ug/l
RT: 10.604 min Scan# 1427
Delta R.T. -0.005 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49

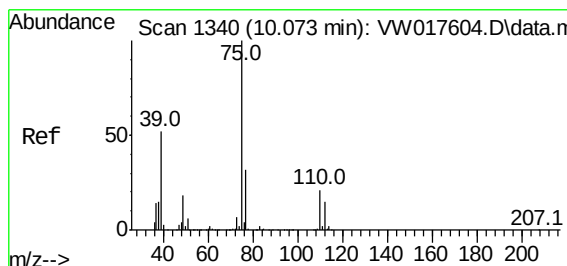
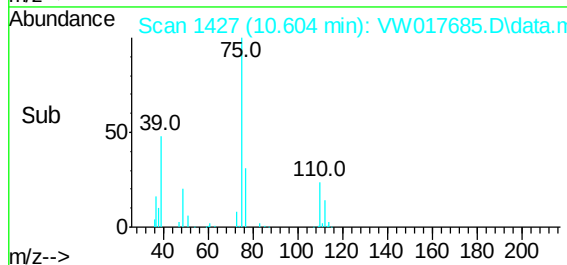
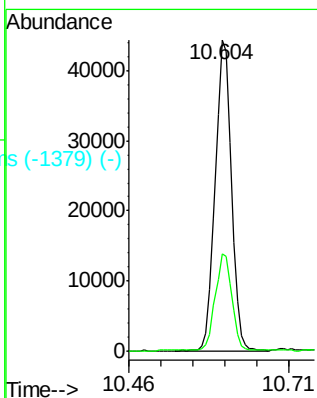
Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS01

Manual Integrations
APPROVED

MMDadoda
12/22/2020 11:17:45 AM

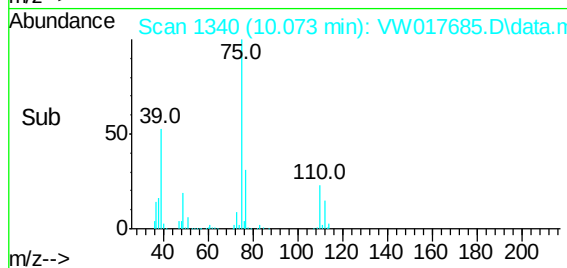
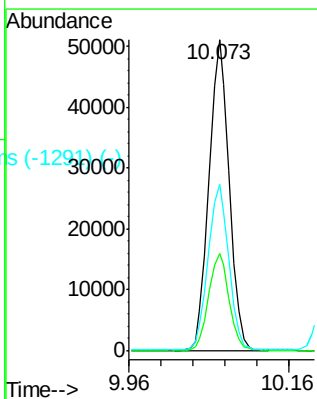
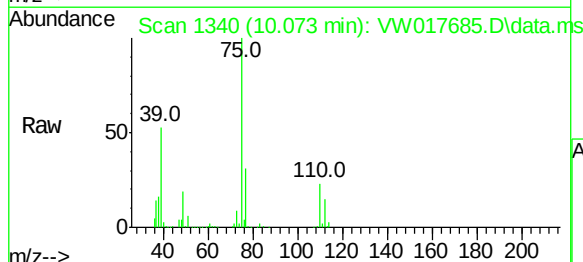


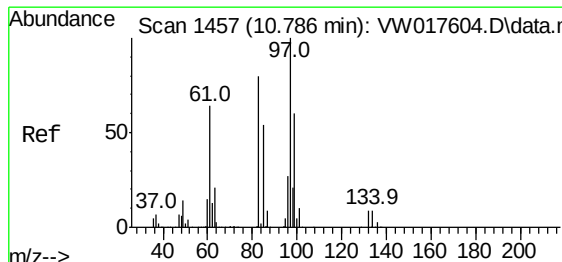
Tgt Ion: 75 Resp: 76343
Ion Ratio Lower Upper
75 100
77 31.0 24.8 37.2



#5431 (-)
cis-1,3-Dichloropropene
Concen: 20.20 ug/l
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49

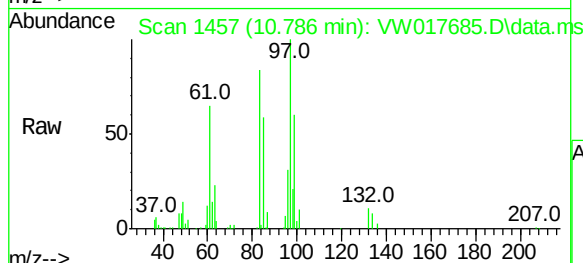
Tgt Ion: 75 Resp: 90039
Ion Ratio Lower Upper
75 100
77 31.3 25.8 38.6
39 53.0 32.9 49.3#





#5450 (-)
 1,1,2-Trichloroethane
 Concen: 20.52 ug/l
 RT: 10.786 min Scan# 1457
 Delta R.T. 0.000 min
 Lab File: VW017685.D
 Acq: 21 Dec 2020 11:49

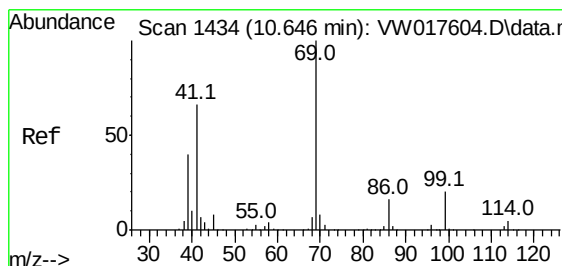
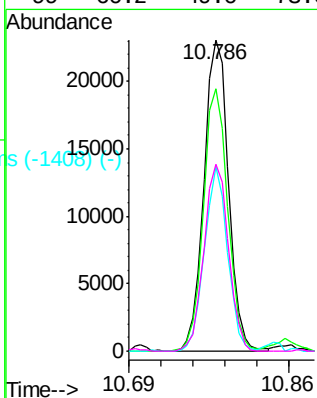
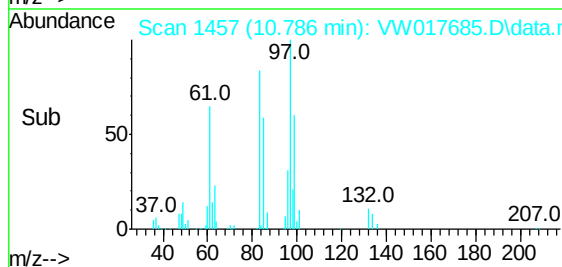
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1221SBS01



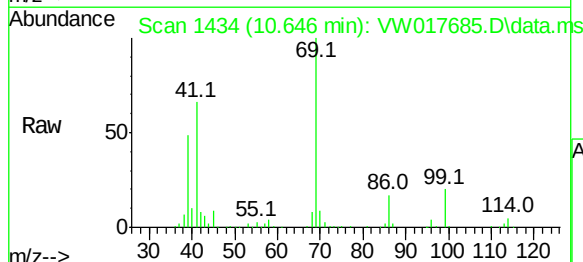
Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.1	64.6	97.0
85	59.3	40.6	61.0
99	60.2	49.0	73.6

Manual Integrations
 APPROVED

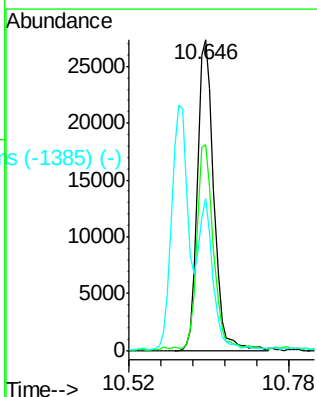
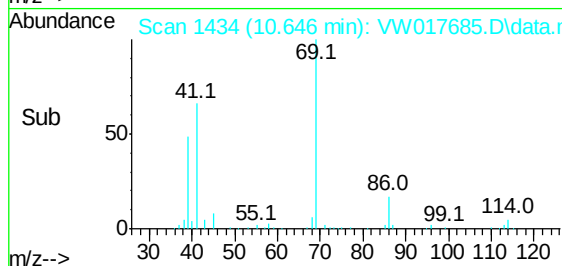
MMDadoda
 12/22/2020 11:17:45 AM

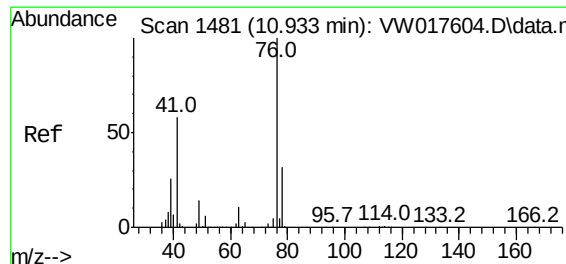


#5423 (-)
 Ethyl methacrylate
 Concen: 18.79 ug/l
 RT: 10.646 min Scan# 1434
 Delta R.T. 0.000 min
 Lab File: VW017685.D
 Acq: 21 Dec 2020 11:49



Tgt Ion	Ratio	Lower	Upper
69	100		
41	65.4	46.3	69.5
39	41.9	25.9	38.9#





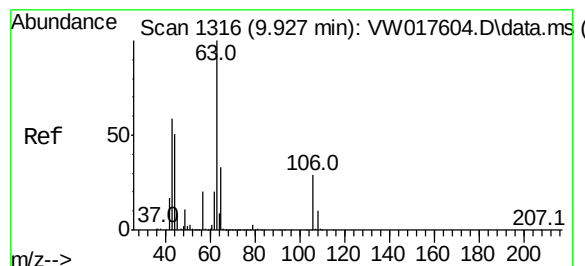
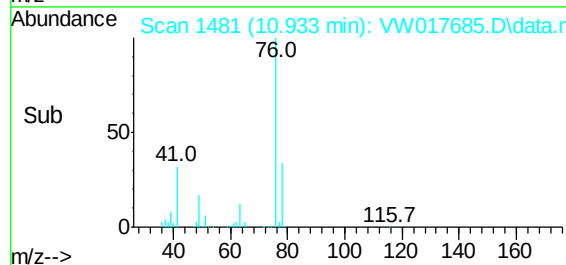
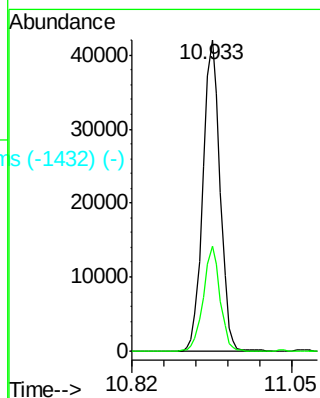
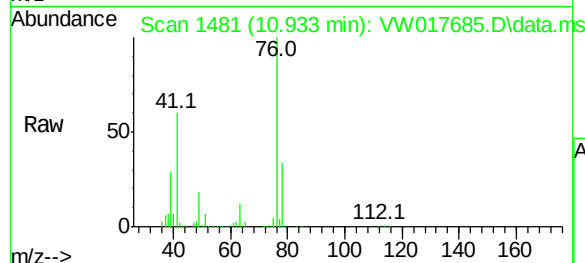
1,3-Dichloropropane
Concen: 20.42 ug/l
RT: 10.933 min Scan# 1481
Delta R.T. -0.000 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS01

Tgt Ion: 76 Resp: 71316
Ion Ratio Lower Upper
76 100
78 32.5 26.0 39.0

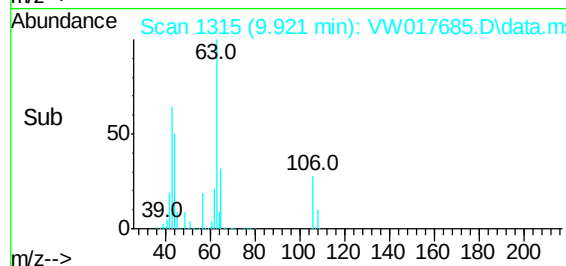
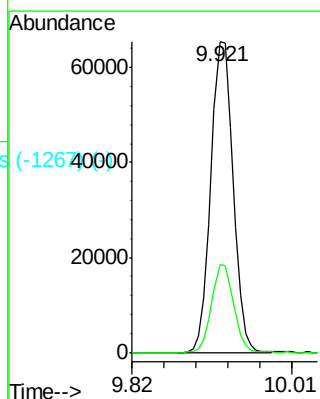
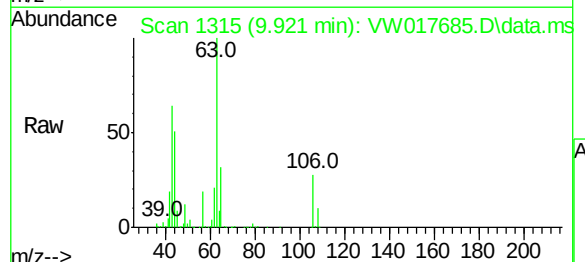
Manual Integrations
APPROVED

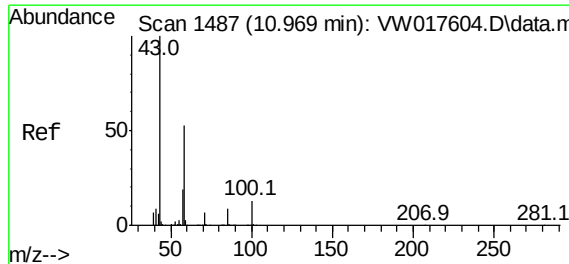
MMDadoda
12/22/2020 11:17:45 AM



2-Chloroethyl Vinyl ether
Concen: 94.80 ug/l
RT: 9.921 min Scan# 1315
Delta R.T. -0.006 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49

Tgt Ion: 63 Resp: 115743
Ion Ratio Lower Upper
63 100
106 28.1 27.0 40.4



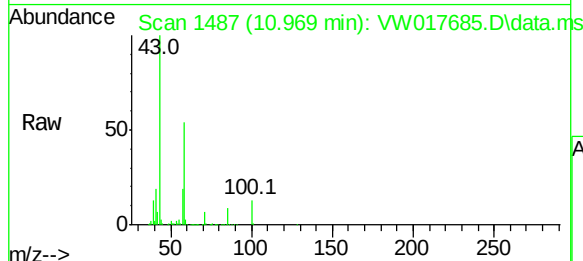


2-Hexanone
Concen: 90.57 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49

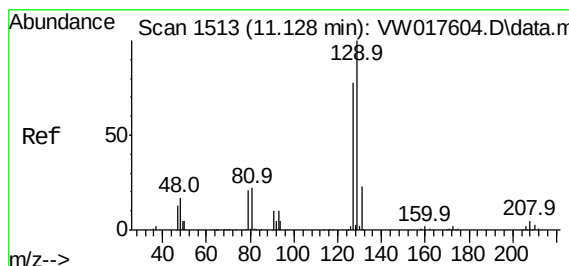
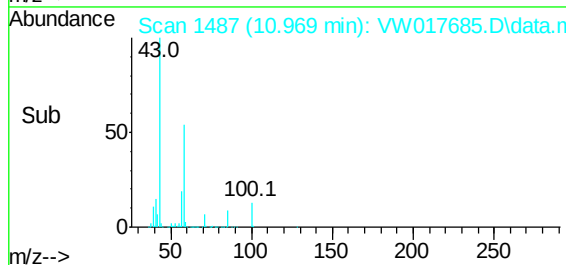
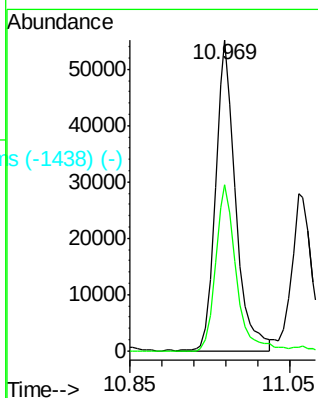
Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS01

Manual Integrations
APPROVED

MMDadoda
12/22/2020 11:17:45 AM

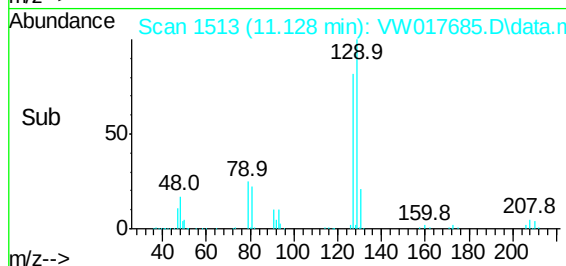
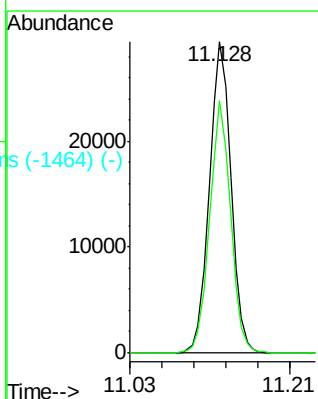
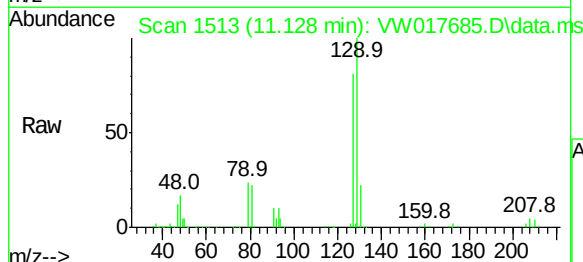


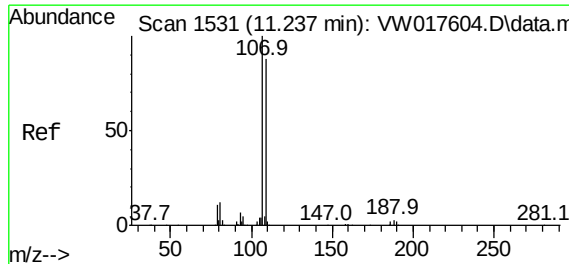
Tgt Ion: 43 Resp: 95558
Ion Ratio Lower Upper
43 100
58 54.8 29.5 88.5



Dibromochloromethane
Concen: 19.87 ug/l
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49

Tgt Ion: 129 Resp: 49138
Ion Ratio Lower Upper
129 100
127 78.6 38.9 116.6





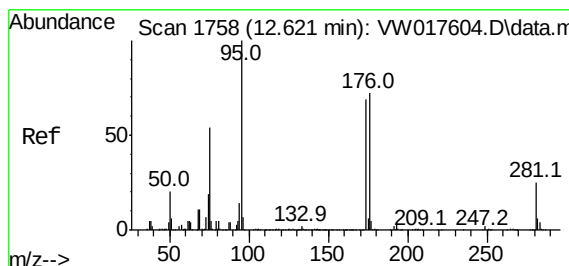
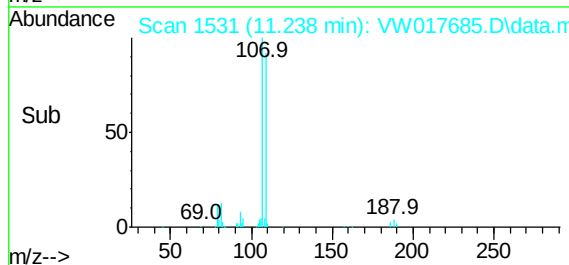
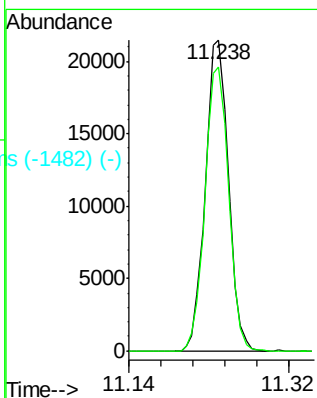
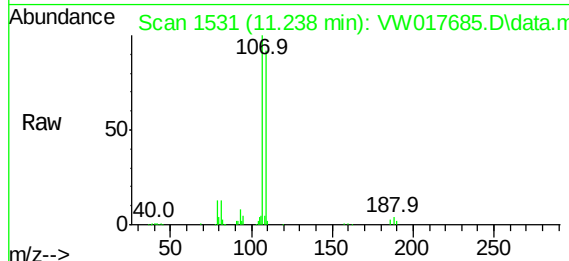
#6122 (-)
 1,2-Dibromoethane
 Concen: 19.70 ug/l
 RT: 11.238 min Scan# 1531
 Delta R.T. 0.001 min
 Lab File: VW017685.D
 Acq: 21 Dec 2020 11:49

Tgt Ion: 107 Resp: 38478
 Ion Ratio Lower Upper
 107 100
 109 93.9 74.7 112.1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1221SBS01

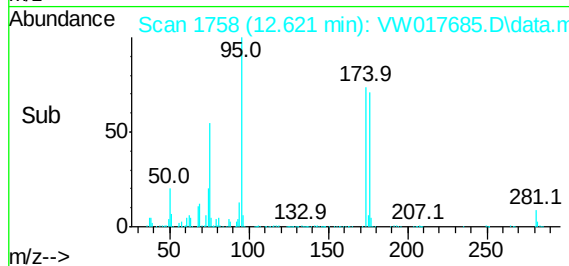
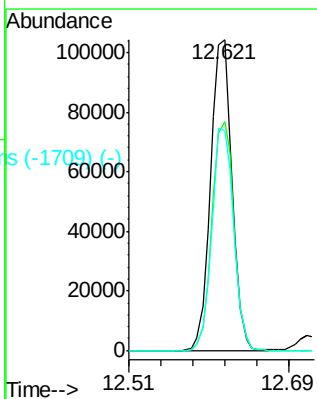
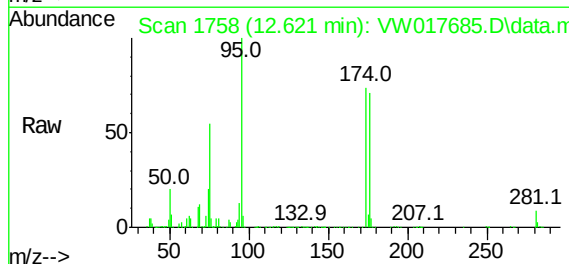
Manual Integrations
 APPROVED

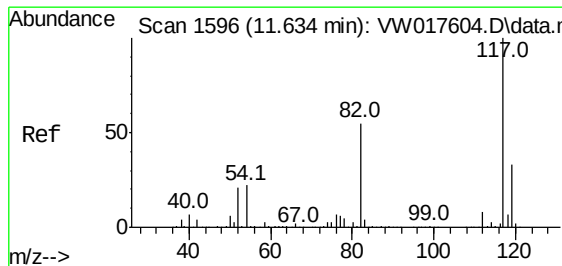
MMDadoda
 12/22/2020 11:17:45 AM



#6149 (-)
 4-Bromofluorobenzene
 Concen: 48.70 ug/l
 RT: 12.621 min Scan# 1758
 Delta R.T. 0.000 min
 Lab File: VW017685.D
 Acq: 21 Dec 2020 11:49

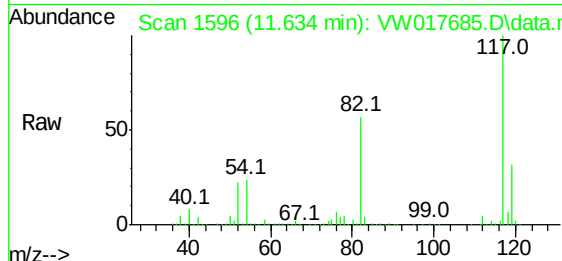
Tgt Ion: 95 Resp: 172924
 Ion Ratio Lower Upper
 95 100
 174 75.7 0.0 180.6
 176 72.9 0.0 177.6





#6386 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49

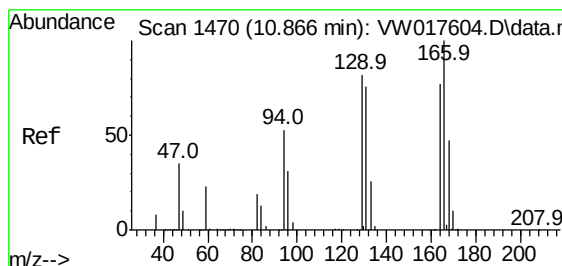
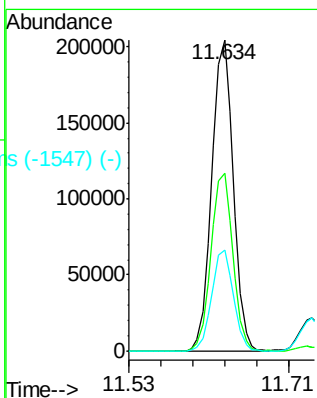
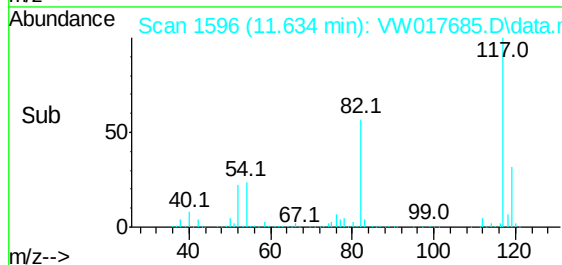
Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS01



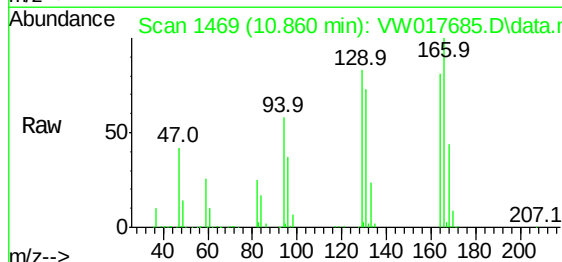
Tgt Ion:117 Resp: 341525
Ion Ratio Lower Upper
117 100
82 57.1 40.7 61.1
119 32.4 25.0 37.4

Manual Integrations
APPROVED

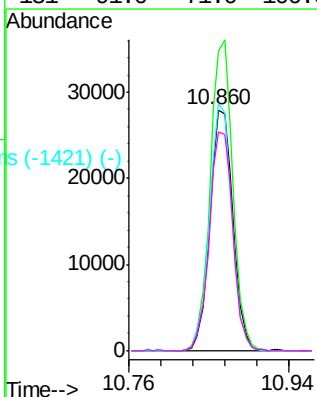
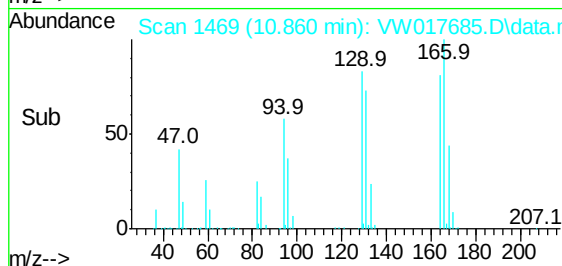
MMDadoda
12/22/2020 11:17:45 AM

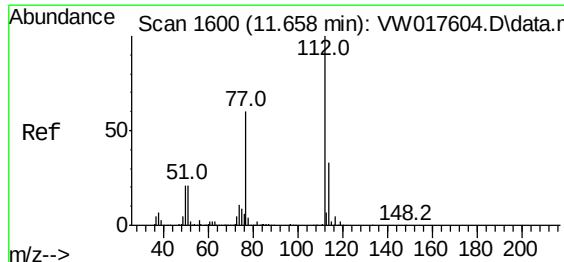


#61461 (-)
Tetrachloroethene
Concen: 21.42 ug/l
RT: 10.860 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49



Tgt Ion:164 Resp: 49881
Ion Ratio Lower Upper
164 100
166 124.1 105.3 157.9
129 102.5 68.8 103.2
131 91.0 71.0 106.6





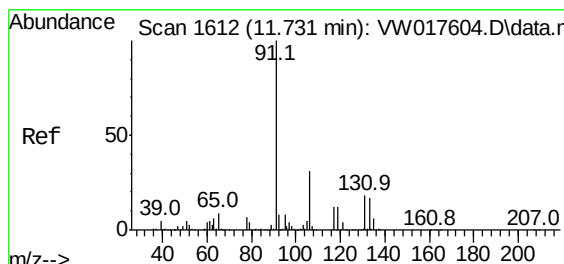
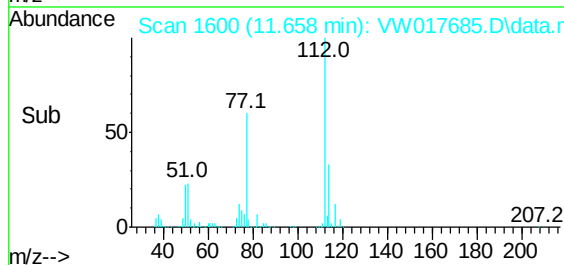
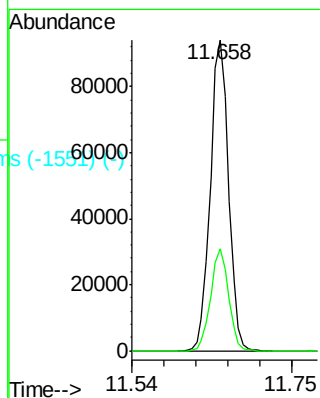
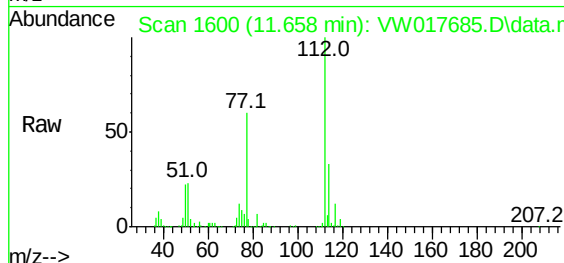
#65
Chlorobenzene
Concen: 21.18 ug/l
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49

Tgt Ion:112 Resp: 155521
Ion Ratio Lower Upper
112 100
114 32.9 25.3 37.9

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS01

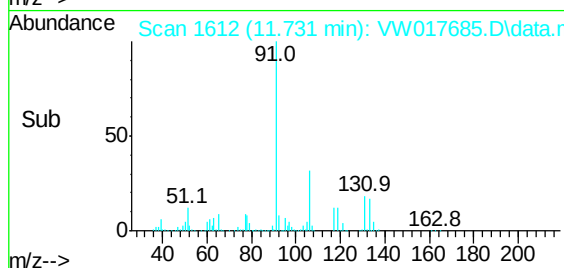
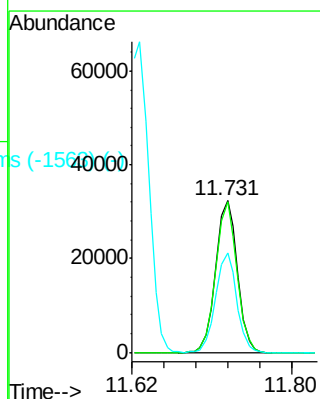
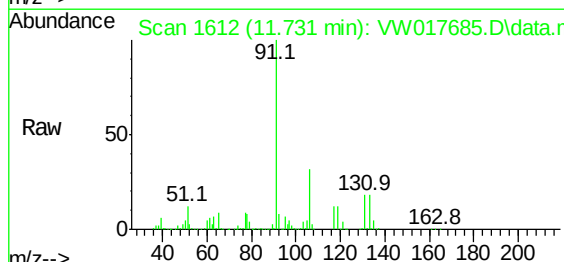
Manual Integrations
APPROVED

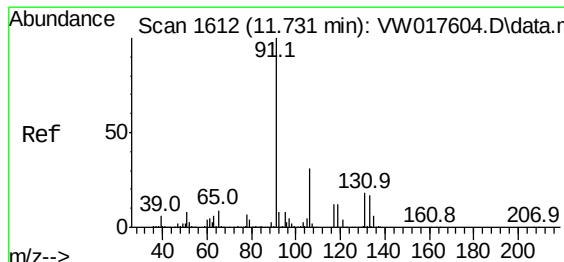
MMDadoda
12/22/2020 11:17:45 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.78 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49

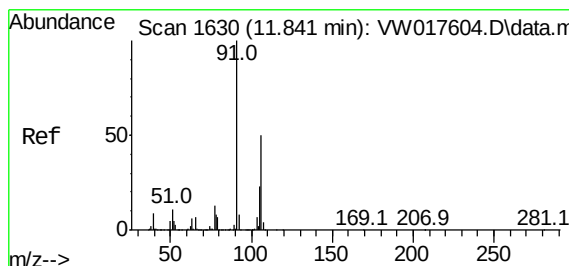
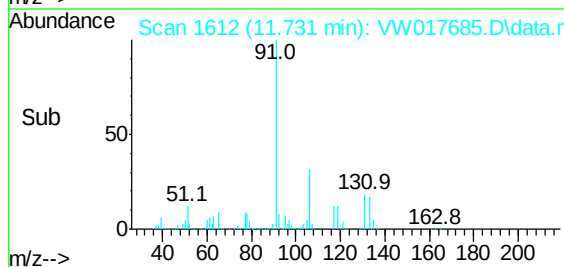
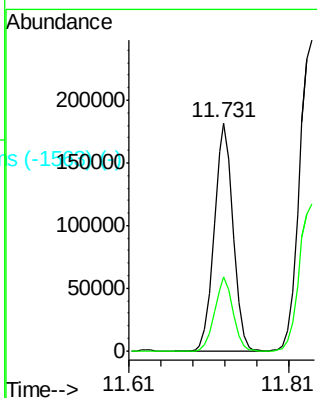
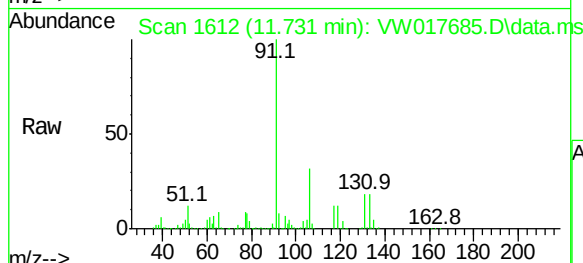
Tgt Ion:131 Resp: 54134
Ion Ratio Lower Upper
131 100
133 96.9 48.1 144.3
119 64.3 32.5 97.4





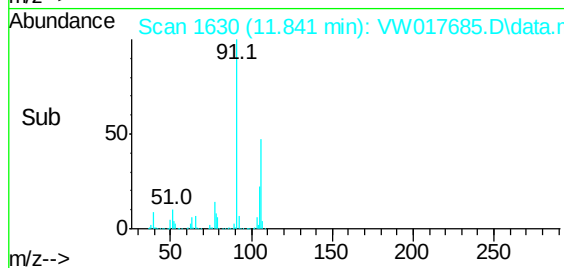
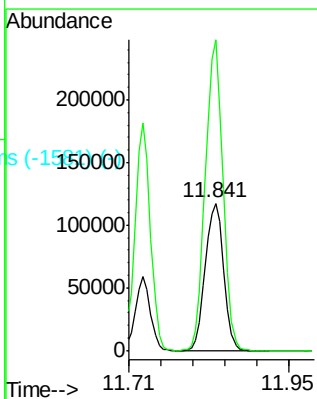
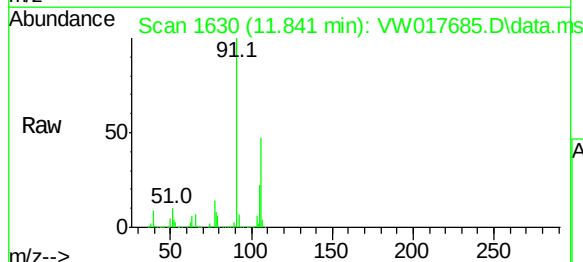
#67
Ethyl Benzene
Concen: 21.62 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49

Tgt Ion: 91 Resp: 294895
Ion Ratio Lower Upper
91 100
106 32.2 25.9 38.9



#68
m/p-Xylenes
Concen: 43.46 ug/l
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49

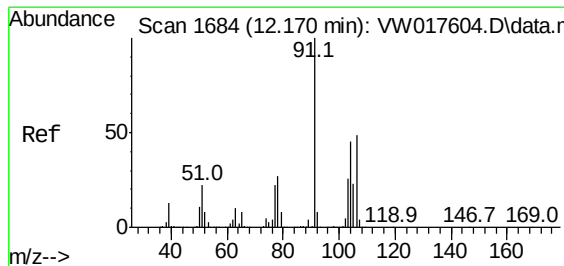
Tgt Ion:106 Resp: 226080
Ion Ratio Lower Upper
106 100
91 202.9 157.4 236.0



Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS01

Manual Integrations
APPROVED

MMDadoda
12/22/2020 11:17:45 AM



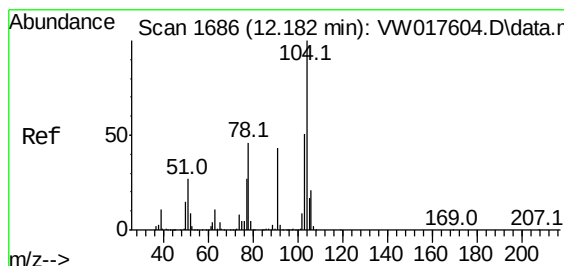
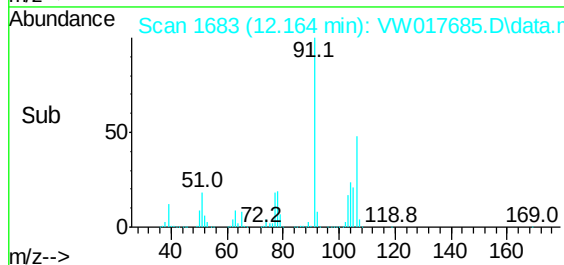
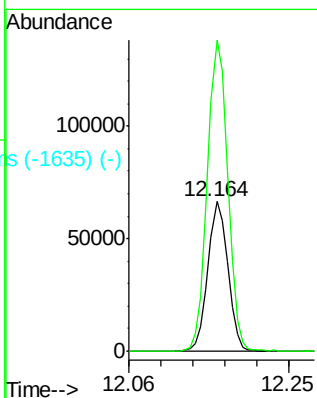
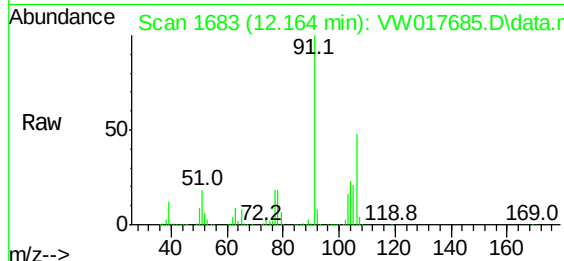
#6875 (-)
o-Xylene
Concen: 21.34 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. -0.006 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49

Tgt Ion:106 Resp: 104722
Ion Ratio Lower Upper
106 100
91 212.8 103.6 310.9

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS01

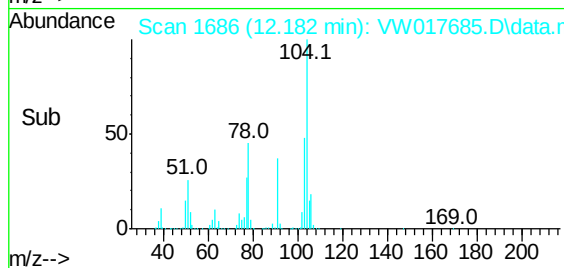
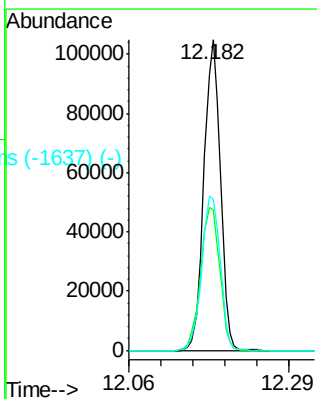
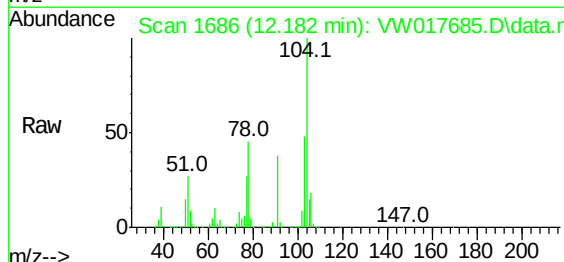
Manual Integrations
APPROVED

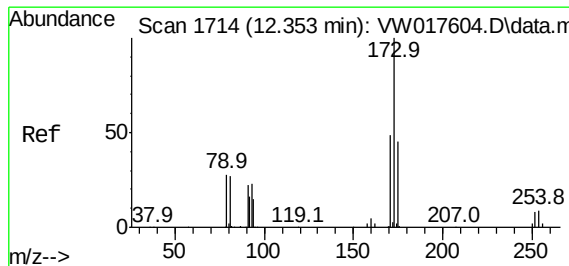
MMDadoda
12/22/2020 11:17:45 AM



#7076 (-)
Styrene
Concen: 20.95 ug/l
RT: 12.182 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49

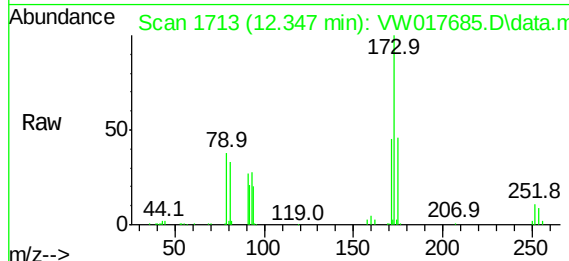
Tgt Ion:104 Resp: 171631
Ion Ratio Lower Upper
104 100
78 53.6 37.6 56.4
103 56.0 43.6 65.4





#7105 (-)
Bromoform
Concen: 18.12 ug/l
RT: 12.347 min Scan# 1713
Delta R.T. -0.006 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49

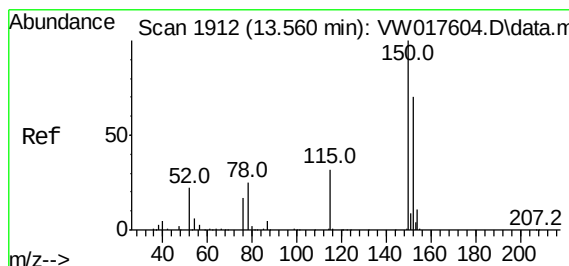
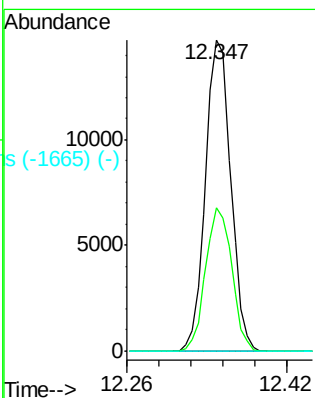
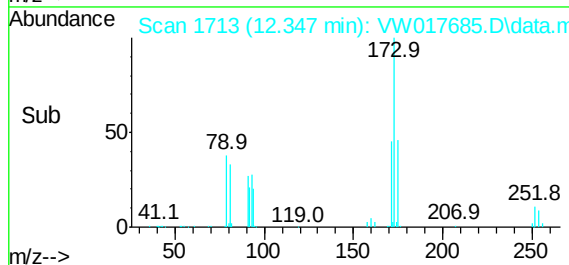
Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS01



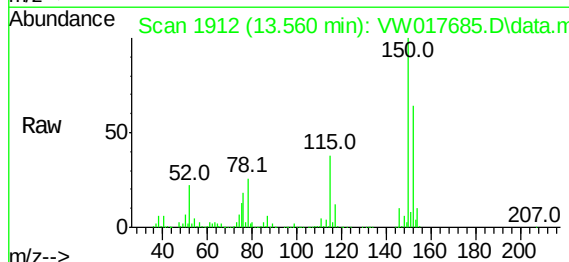
Tgt Ion:173 Resp: 25225
Ion Ratio Lower Upper
173 100
175 47.7 24.7 74.1
254 0.0 0.1 0.1#

Manual Integrations
APPROVED

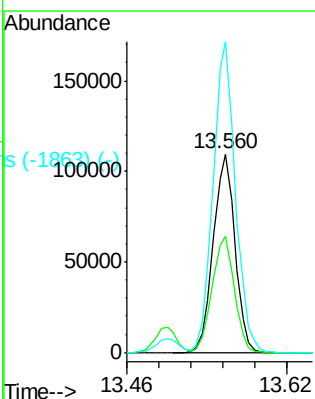
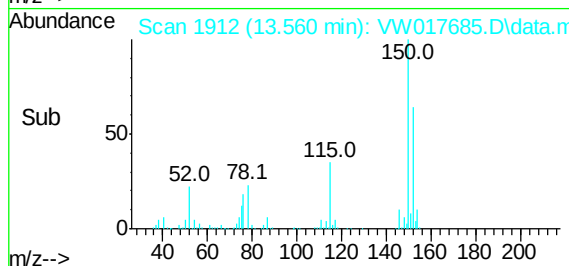
MMDadoda
12/22/2020 11:17:45 AM

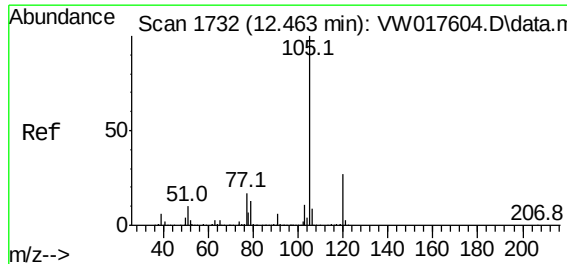


#7104 (-)
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49



Tgt Ion:152 Resp: 171438
Ion Ratio Lower Upper
152 100
115 59.8 27.9 83.7
150 161.3 0.0 344.0



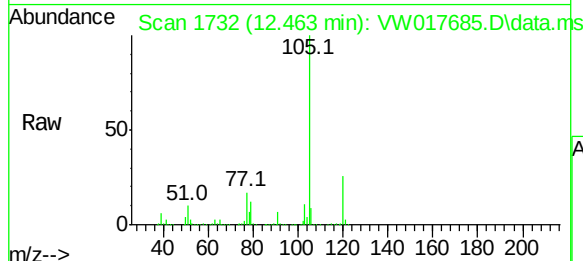


#7324 (-)
Isopropylbenzene
Concen: 21.63 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49

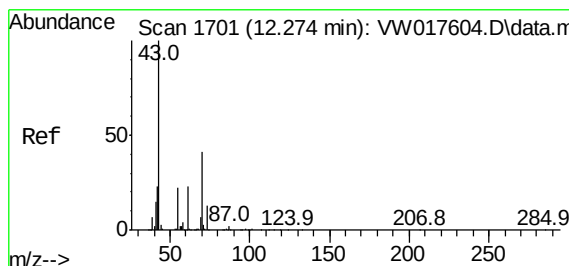
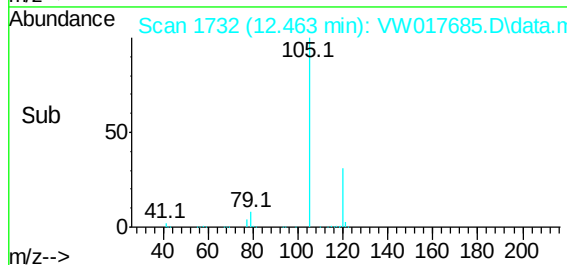
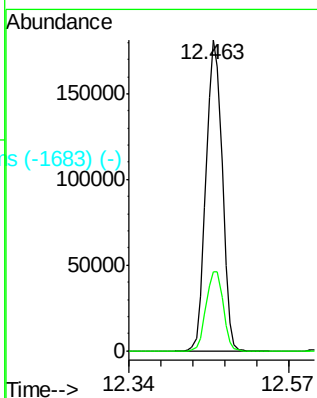
Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS01

Manual Integrations
APPROVED

MMDadoda
12/22/2020 11:17:45 AM

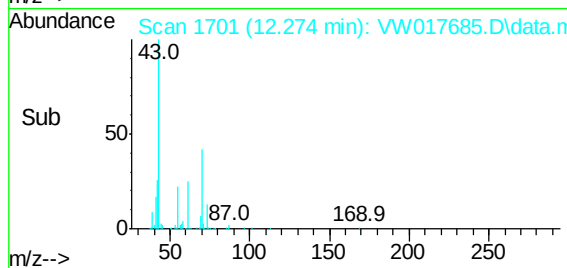
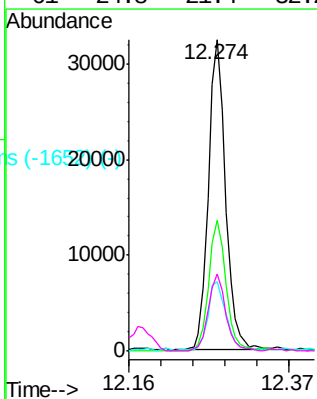
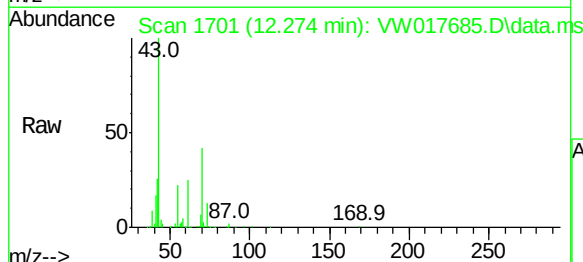


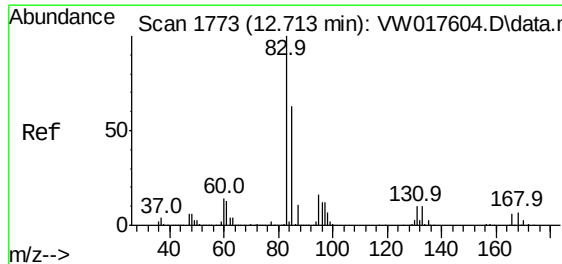
Tgt Ion:105 Resp: 293238
Ion Ratio Lower Upper
105 100
120 26.6 13.6 40.7



#1691 (-)
N-ethyl acetate
Concen: 17.80 ug/l
RT: 12.274 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49

Tgt Ion: 43 Resp: 50607
Ion Ratio Lower Upper
43 100
70 42.1 40.2 60.4
55 23.6 21.4 32.0
61 24.8 21.4 32.2





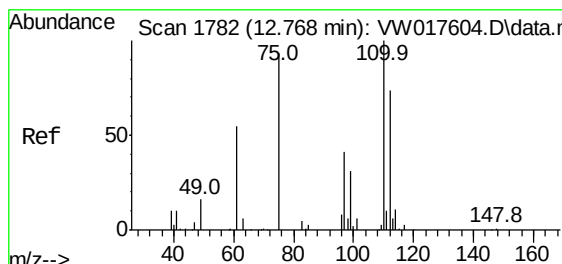
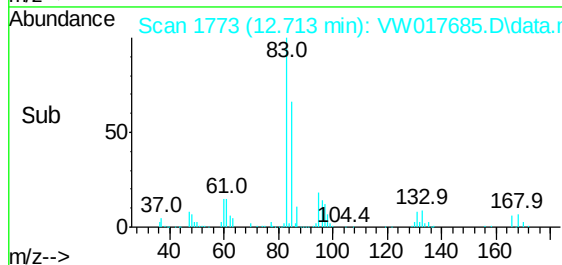
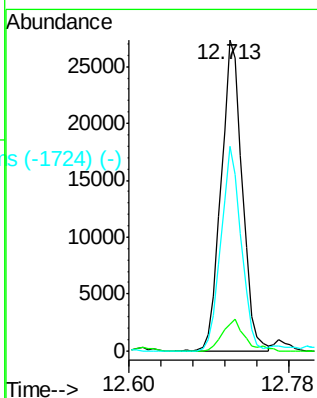
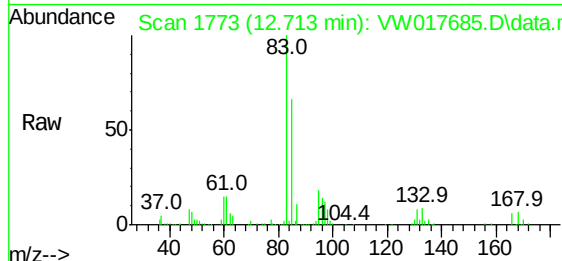
1,1,2,2-Tetrachloroethane
Concen: 19.82 ug/l
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49

Tgt Ion:	83	Resp:	44815
Ion Ratio	Lower	Upper	
83	100		
131	10.5	6.1	18.3
85	63.0	32.7	98.1

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS01

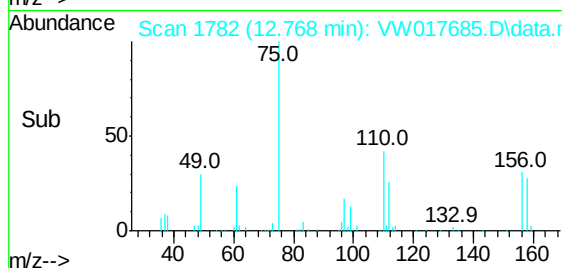
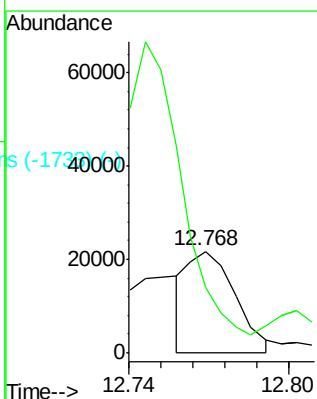
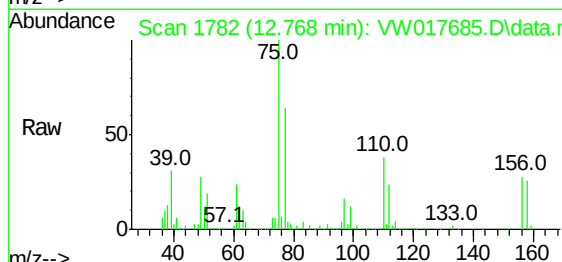
Manual Integrations
APPROVED

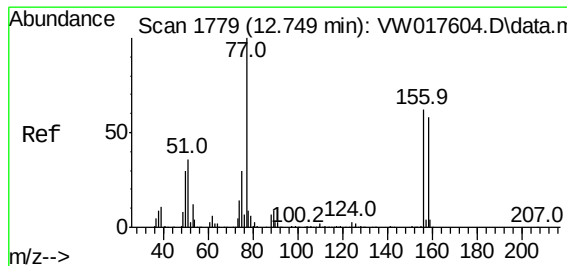
MMDadoda
12/22/2020 11:17:45 AM



1,2,3-Trichloropropane
Concen: 17.74 ug/l m
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49

Tgt Ion:	75	Resp:	29270
Ion Ratio	Lower	Upper	
75	100		
77	0.0	178.8	536.3#





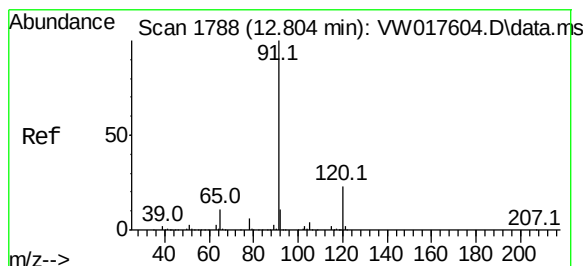
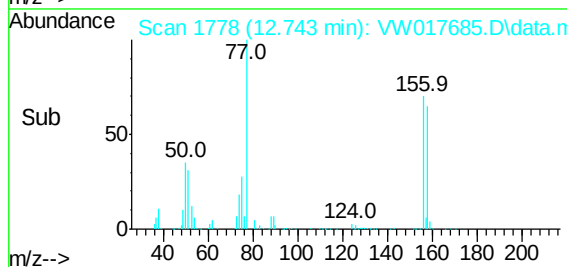
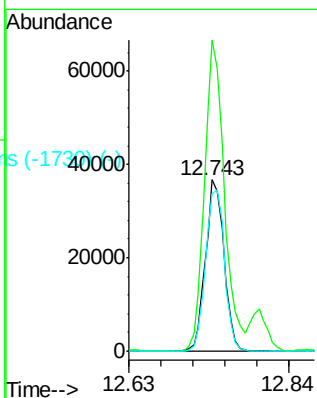
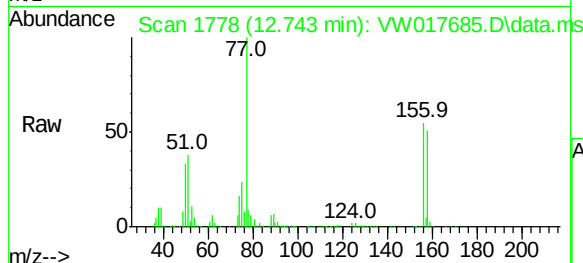
#1779 (-)
Bromobenzene
Concen: 21.06 ug/l
RT: 12.743 min Scan# 1778
Delta R.T. -0.006 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49

Tgt Ion: 156 Resp: 61157
Ion Ratio Lower Upper
156 100
77 195.6 79.0 237.2
158 97.0 47.0 141.2

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS01

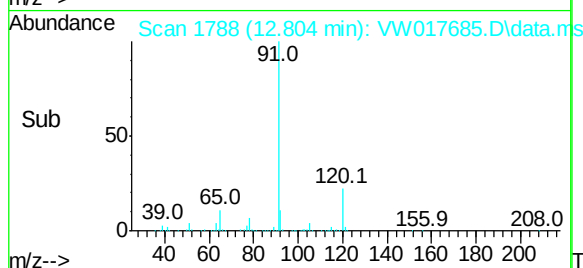
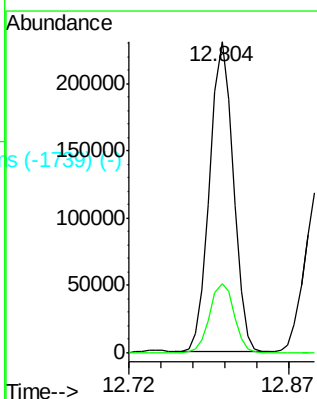
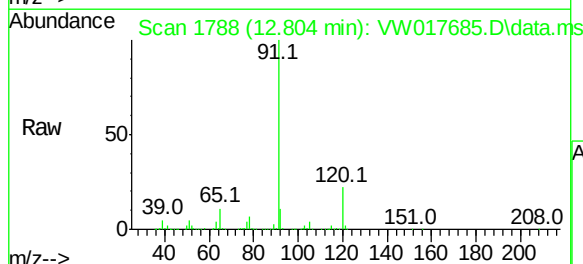
Manual Integrations
APPROVED

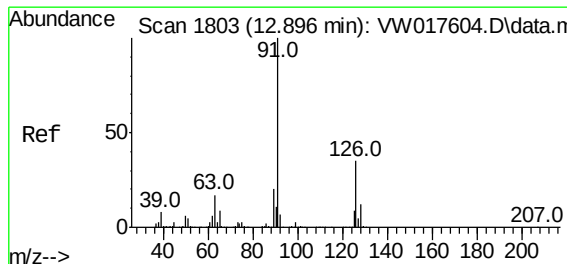
MMDadoda
12/22/2020 11:17:45 AM



#1788 (-)
n-propylbenzene
Concen: 21.69 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. 0.000 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49

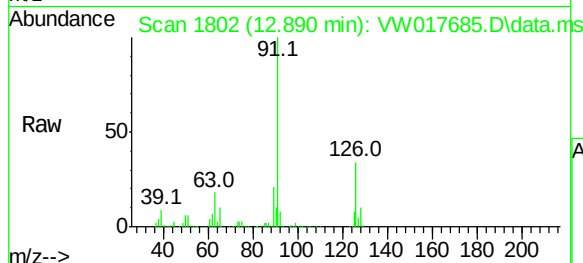
Tgt Ion: 91 Resp: 349106
Ion Ratio Lower Upper
91 100
120 22.9 12.0 36.1





#796 (-)
2-Chlorotoluene
Concen: 22.04 ug/l
RT: 12.890 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49

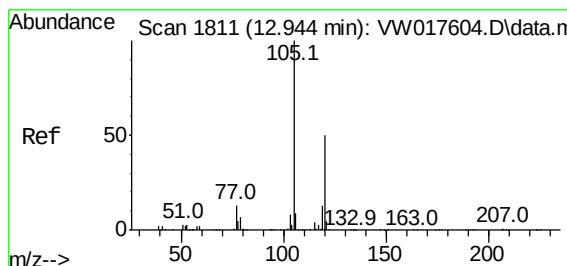
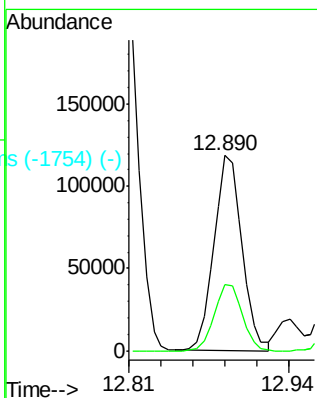
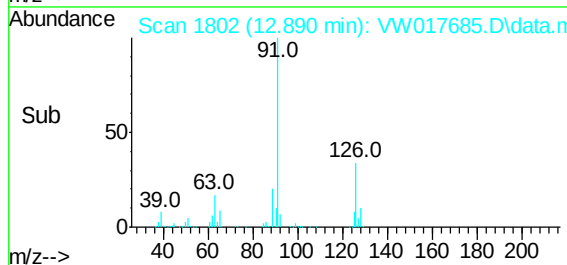
Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS01



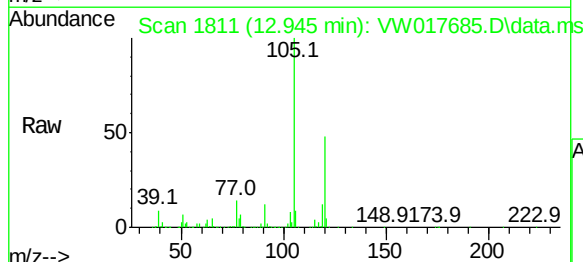
Tgt Ion: 91 Resp: 197781
Ion Ratio Lower Upper
91 100
126 33.9 17.9 53.8

Manual Integrations
APPROVED

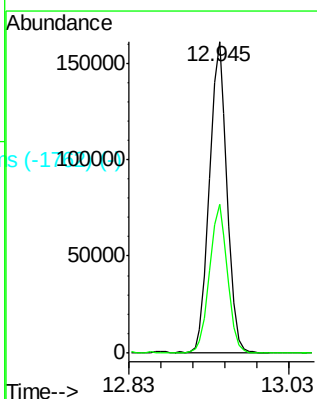
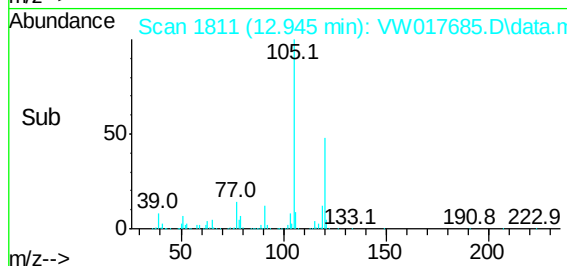
MMDadoda
12/22/2020 11:17:45 AM

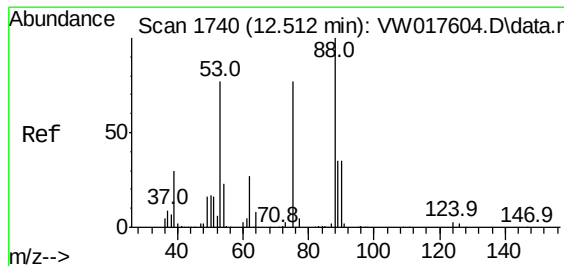


#802 (-)
1,3,5-Trimethylbenzene
Concen: 21.36 ug/l
RT: 12.945 min Scan# 1811
Delta R.T. 0.001 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49



Tgt Ion: 105 Resp: 245068
Ion Ratio Lower Upper
105 100
120 48.5 24.9 74.8





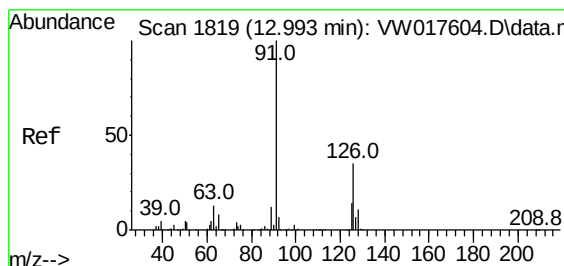
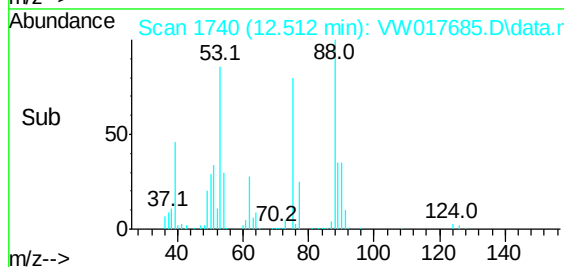
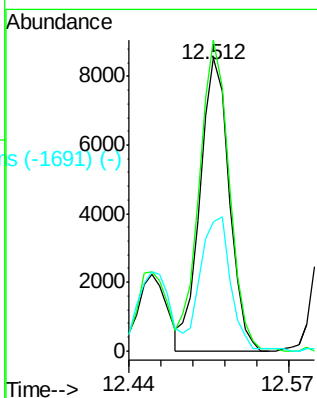
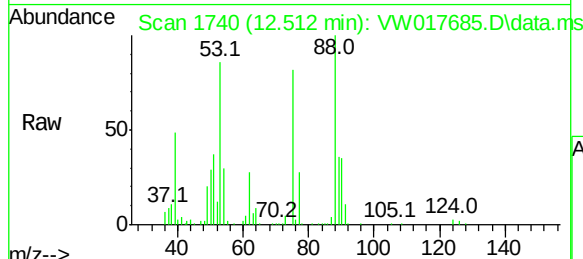
#9136 (-)
trans-1,4-Dichloro-2-butene
Concen: 16.27 ug/l
RT: 12.512 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49

Tgt Ion: 75 Resp: 13254
Ion Ratio Lower Upper
75 100
53 109.3 77.0 115.4
89 47.5 38.7 58.1

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS01

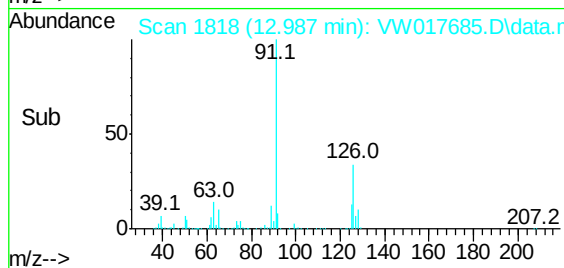
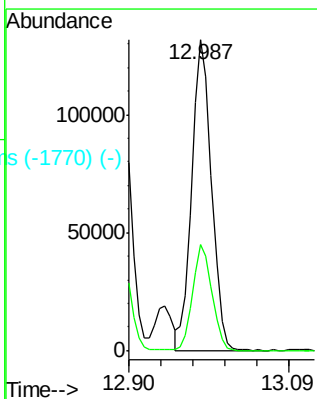
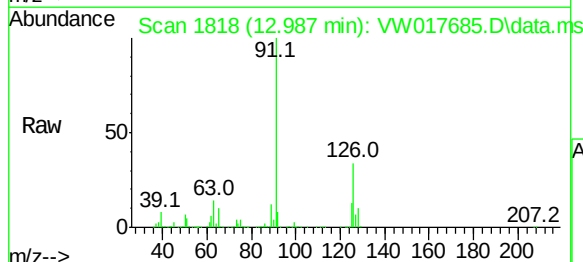
Manual Integrations
APPROVED

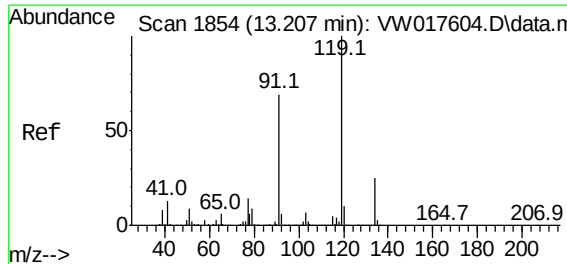
MMDadoda
12/22/2020 11:17:45 AM



#9137 (-)
4-Chlorotoluene
Concen: 21.99 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. -0.006 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49

Tgt Ion: 91 Resp: 208257
Ion Ratio Lower Upper
91 100
126 33.6 18.1 54.3



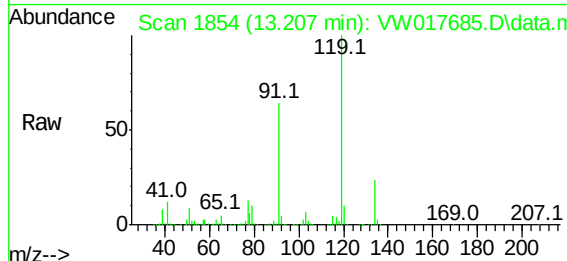


#8345 (-)
tert-Butylbenzene
Concen: 21.98 ug/l
RT: 13.207 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49

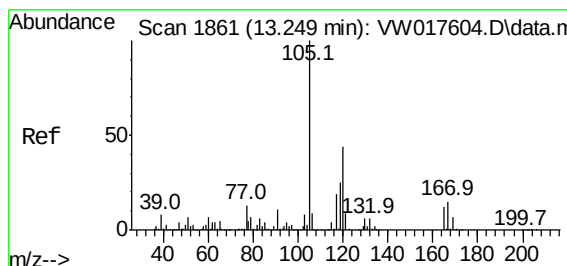
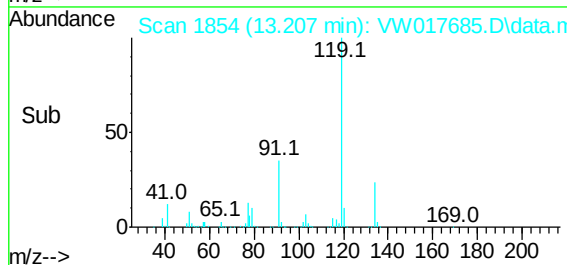
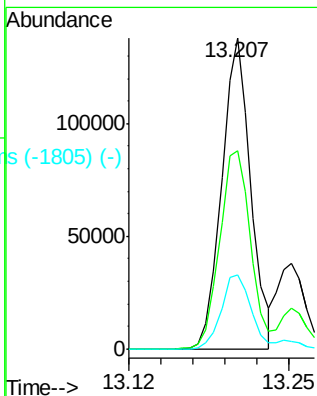
Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS01

Manual Integrations
APPROVED

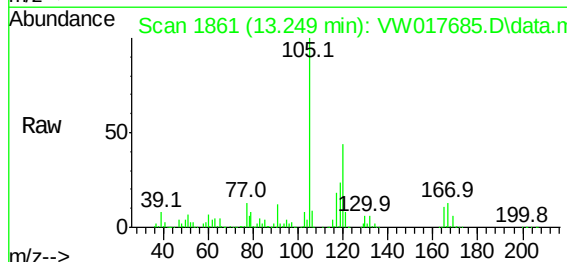
MMDadoda
12/22/2020 11:17:45 AM



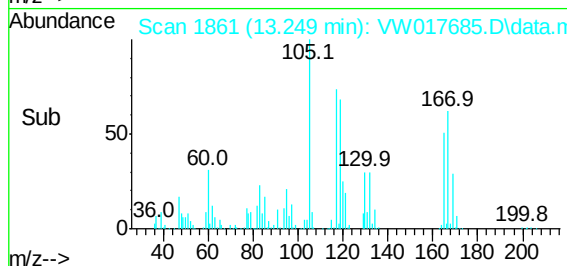
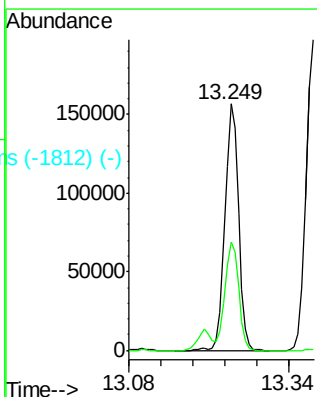
Tgt Ion:119 Resp: 215653
Ion Ratio Lower Upper
119 100
91 67.8 31.3 93.9
134 24.8 14.0 42.0

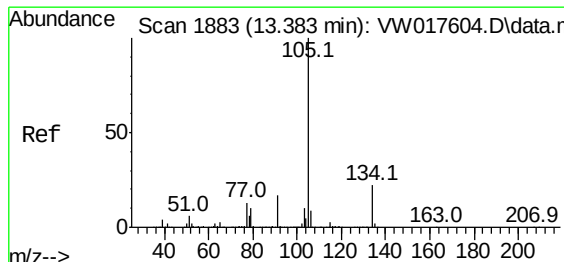


#8348 (-)
1,2,4-Trimethylbenzene
Concen: 21.54 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49



Tgt Ion:105 Resp: 243442
Ion Ratio Lower Upper
105 100
120 44.1 23.4 70.0





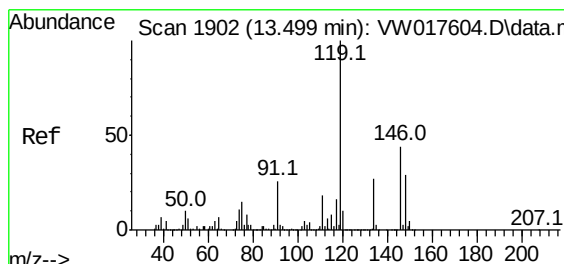
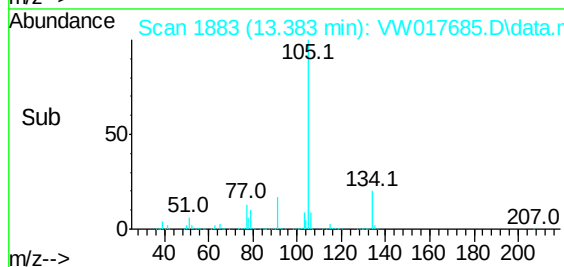
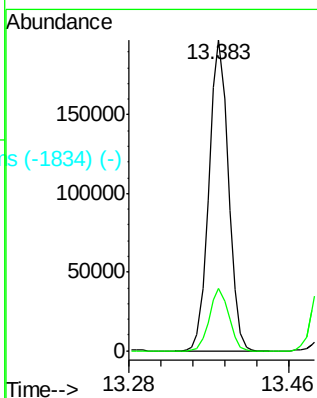
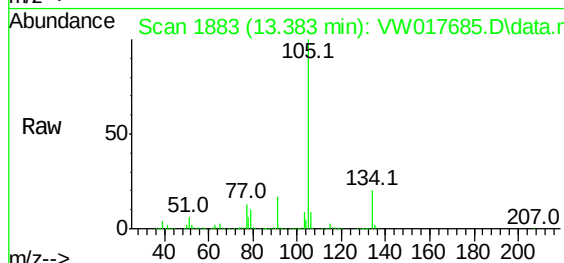
#85
sec-Butylbenzene
Concen: 21.67 ug/l
RT: 13.383 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49

Tgt Ion:105 Resp: 298601
Ion Ratio Lower Upper
105 100
134 20.0 10.6 31.8

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS01

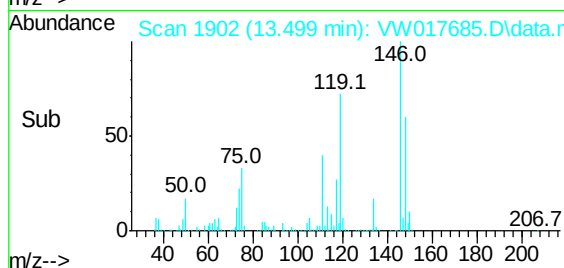
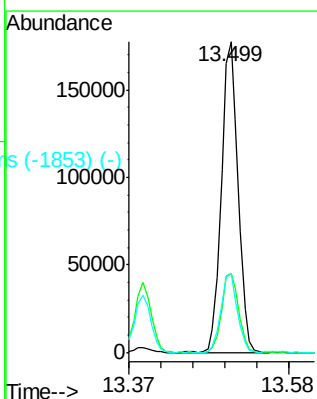
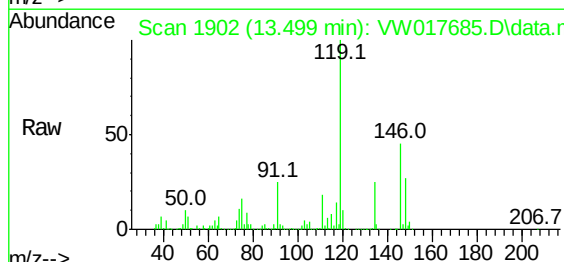
Manual Integrations
APPROVED

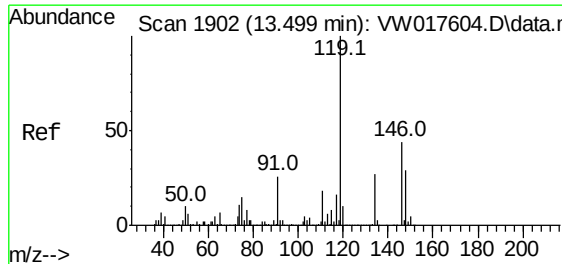
MMDadoda
12/22/2020 11:17:45 AM



#86
p-Isopropyltoluene
Concen: 21.80 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49

Tgt Ion:119 Resp: 271198
Ion Ratio Lower Upper
119 100
134 25.9 13.8 41.3
91 25.0 11.3 33.9





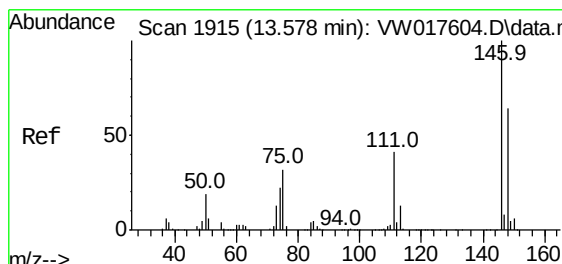
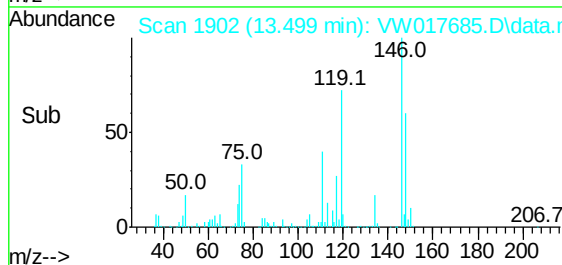
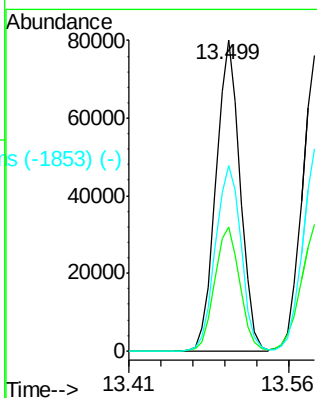
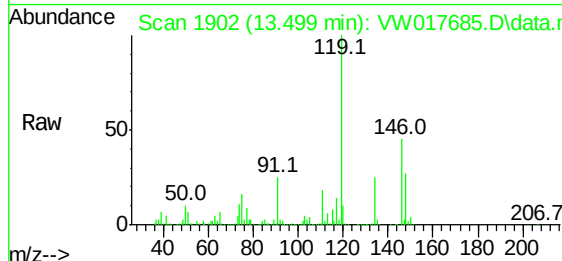
#1894 (-)
1,3-Dichlorobenzene
Concen: 21.31 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49

Tgt Ion:	146	Resp:	123316
Ion Ratio	Lower	Upper	
146	100		
111	41.4	19.1	57.5
148	63.3	32.5	97.4

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS01

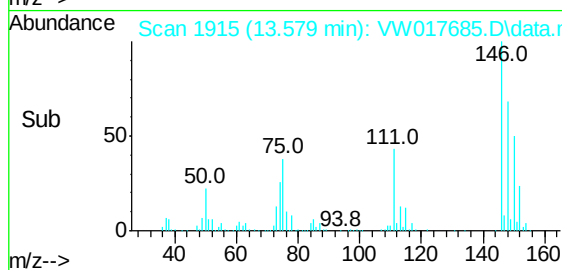
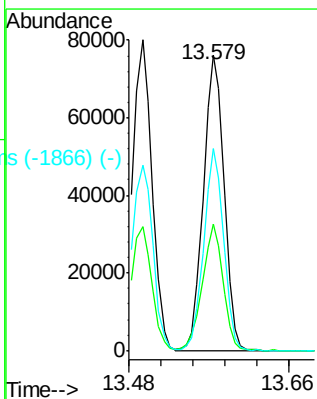
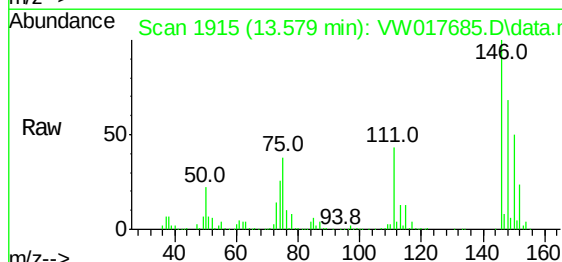
Manual Integrations
APPROVED

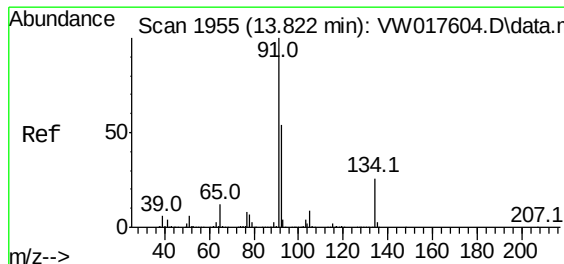
MMDadoda
12/22/2020 11:17:45 AM



#1899 (-)
1,4-Dichlorobenzene
Concen: 21.20 ug/l
RT: 13.579 min Scan# 1915
Delta R.T. 0.001 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49

Tgt Ion:	146	Resp:	121794
Ion Ratio	Lower	Upper	
146	100		
111	42.8	18.5	55.5
148	65.9	31.8	95.4





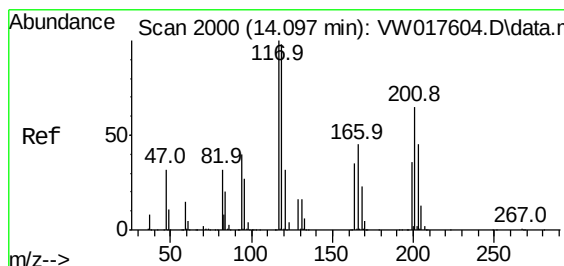
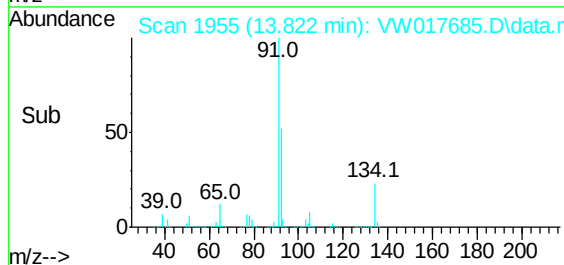
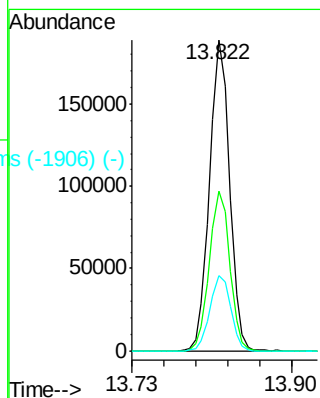
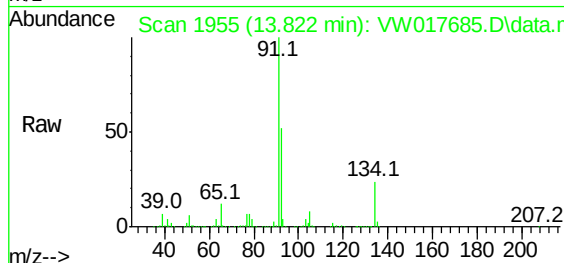
#99
n-Butylbenzene
Concen: 22.24 ug/l
RT: 13.822 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49

Tgt Ion:	91	Resp:	271819
Ion Ratio	100	Lower	Upper
91	100		
92	52.5	26.6	79.7
134	24.9	14.3	42.9

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS01

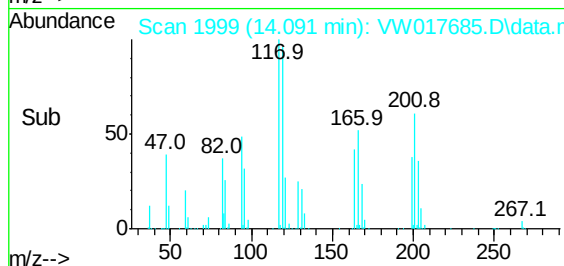
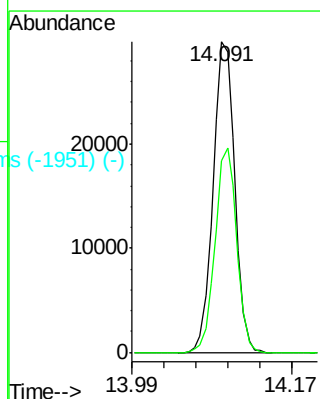
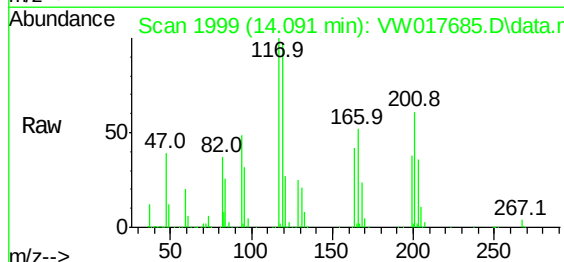
Manual Integrations
APPROVED

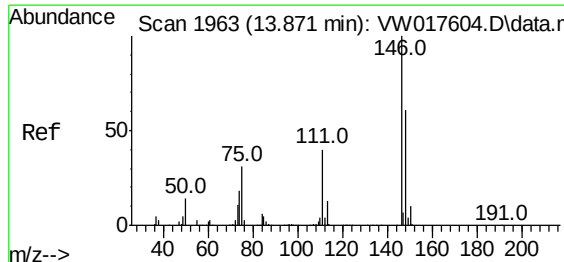
MMDadoda
12/22/2020 11:17:45 AM



#99
Hexachloroethane
Concen: 20.42 ug/l
RT: 14.091 min Scan# 1999
Delta R.T. -0.006 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49

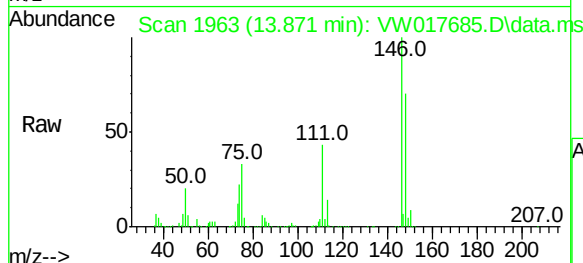
Tgt Ion:	117	Resp:	49912
Ion Ratio	100	Lower	Upper
117	100		
201	65.8	41.9	125.7





1,2-Dichlorobenzene
Concen: 21.18 ug/l
RT: 13.871 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49

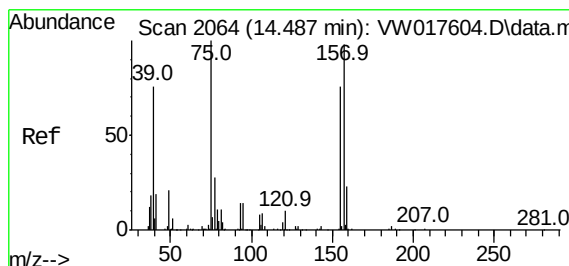
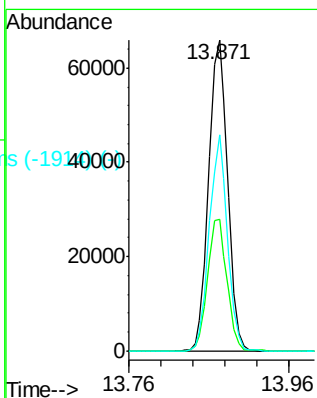
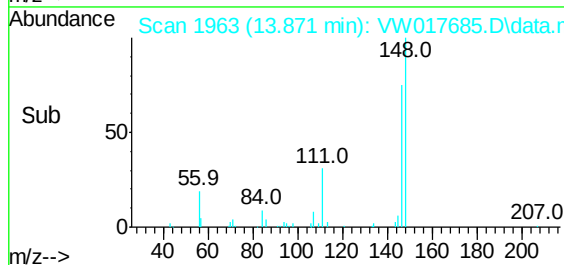
Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS01



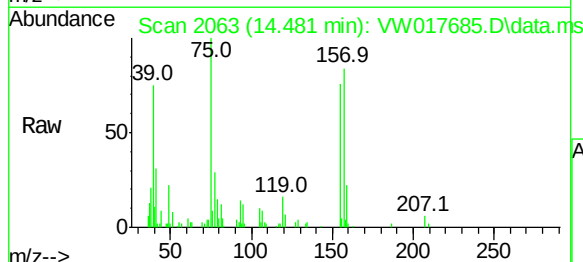
Tgt Ion:146 Resp: 108947
Ion Ratio Lower Upper
146 100
111 43.1 20.1 60.3
148 66.3 33.1 99.3

Manual Integrations
APPROVED

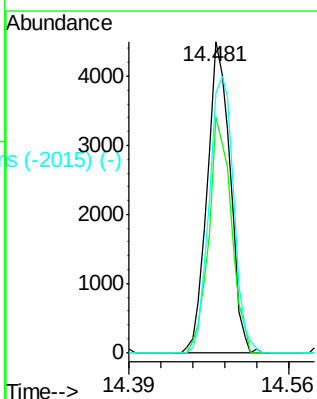
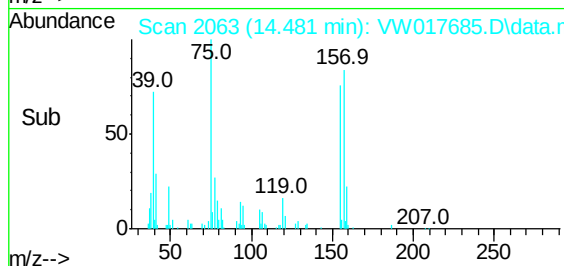
MMDadoda
12/22/2020 11:17:45 AM

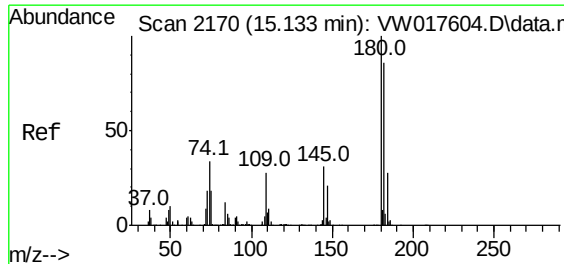


1,2-Dibromo-3-Chloropropane
Concen: 17.96 ug/l
RT: 14.481 min Scan# 2063
Delta R.T. -0.006 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49



Tgt Ion: 75 Resp: 7391
Ion Ratio Lower Upper
75 100
155 74.0 47.6 142.8
157 94.8 62.2 186.6





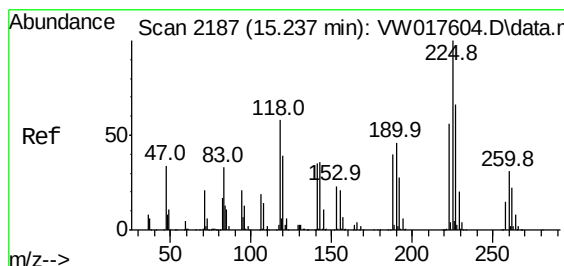
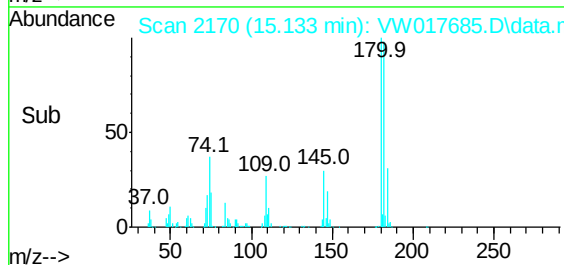
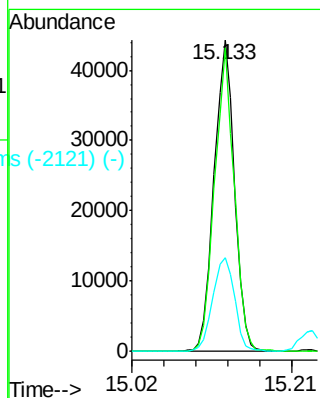
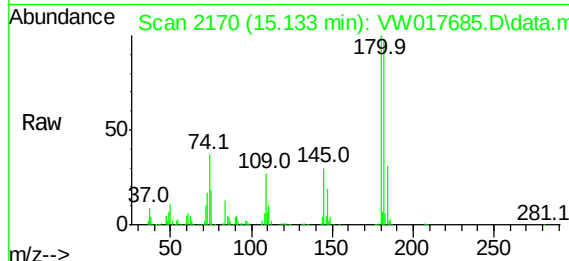
#91
1,2,4-Trichlorobenzene
Concen: 21.67 ug/l
RT: 15.133 min Scan# 2170
Delta R.T. 0.000 min
Lab File: Vw017685.D
Acq: 21 Dec 2020 11:49

Tgt Ion:	180	Resp:	71316
Ion Ratio	Lower	Upper	
180	100		
182	93.9	48.3	144.9
145	32.1	14.9	44.5

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS01

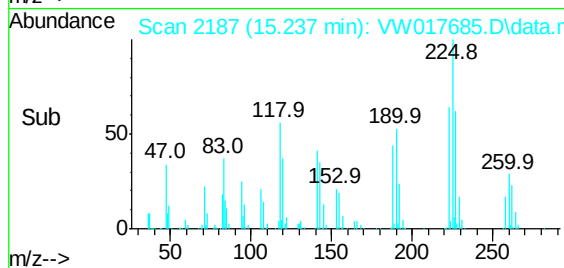
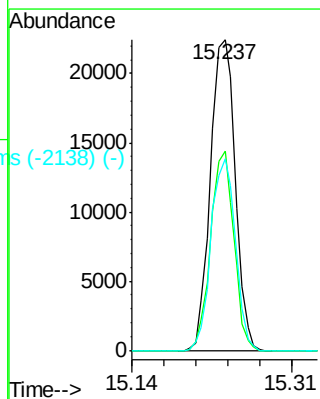
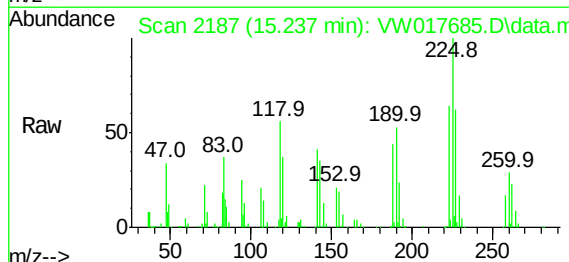
Manual Integrations
APPROVED

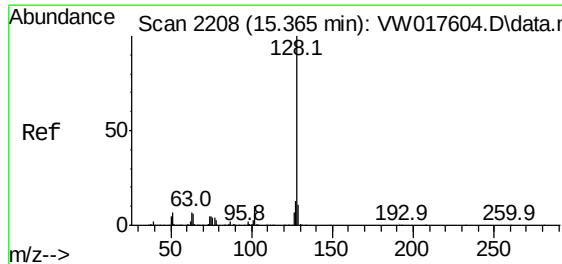
MMDadoda
12/22/2020 11:17:45 AM



#91
Hexachlorobutadiene
Concen: 23.14 ug/l
RT: 15.237 min Scan# 2187
Delta R.T. -0.000 min
Lab File: Vw017685.D
Acq: 21 Dec 2020 11:49

Tgt Ion:	225	Resp:	40029
Ion Ratio	Lower	Upper	
225	100		
223	59.9	31.9	95.7
227	60.7	33.0	99.0





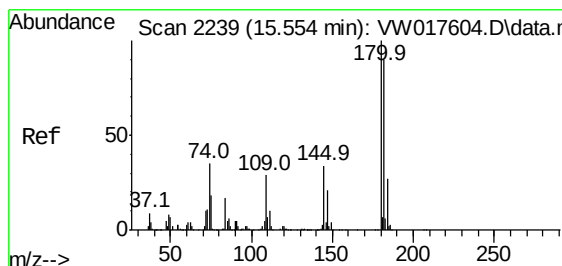
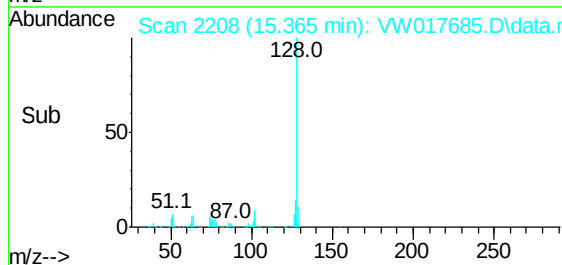
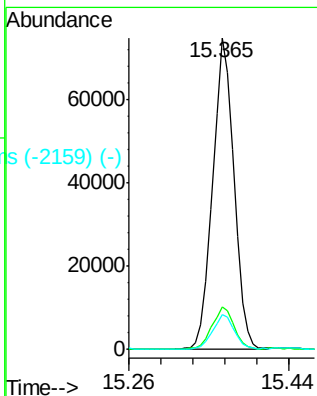
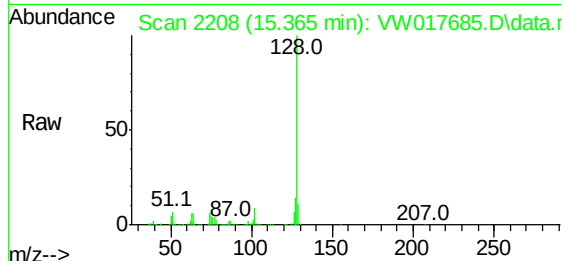
#95
Naphthalene
Concen: 18.91 ug/l
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49

Tgt Ion:128 Resp: 127241
Ion Ratio Lower Upper
128 100
127 13.8 10.4 15.6
129 11.1 8.6 12.8

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS01

Manual Integrations
APPROVED

MMDadoda
12/22/2020 11:17:45 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.21 ug/l
RT: 15.554 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VW017685.D
Acq: 21 Dec 2020 11:49

Tgt Ion:180 Resp: 57510
Ion Ratio Lower Upper
180 100
182 99.0 49.4 148.2
145 35.3 16.3 48.9

