

Data Path : Z:\voasrv\HPCHEM1\MSVOA_w\Data\Vw122220\
 Data File : Vw017695.D
 Acq On : 22 Dec 2020 10:26
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_w/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 12/23/2020 3:25:28 PM

Quant Time: Dec 23 02:05:44 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	7.946	168	244485	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.842	114	411500	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	372422	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	193999	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	140000	47.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.02%	
35) Dibromofluoromethane	7.885	113	130700	48.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.00%	
50) Toluene-d8	10.323	98	523864	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	
62) 4-Bromofluorobenzene	12.615	95	190374	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	
Target Compounds						
2) Dichlorodifluoromethane	2.008	85	98023	51.10	ug/l	Qvalue 97
3) Chloromethane	2.215	50	91045	42.16	ug/l	94
4) Vinyl Chloride	2.367	62	158718	50.69	ug/l	100
5) Bromomethane	2.782	94	165723	68.82	ug/l	96
6) Chloroethane	2.922	64	117345	59.97	ug/l	99
7) Trichlorofluoromethane	3.263	101	137927	55.68	ug/l	96
8) Diethyl Ether	3.684	74	64694	47.65	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.062	101	137583	51.18	ug/l	90
10) Methyl Iodide	4.269	142	197517	49.90	ug/l	91
11) Tert butyl alcohol	5.208	59	41318	191.03	ug/l	# 86
12) 1,1-Dichloroethene	4.044	96	136780	49.54	ug/l	86
13) Acrolein	3.898	56	35484	197.83	ug/l	99
14) Allyl chloride	4.666	41	201639	47.42	ug/l	92
15) Acrylonitrile	5.367	53	128786	214.18	ug/l	97
16) Acetone	4.129	43	153654	237.12	ug/l	93
17) Carbon Disulfide	4.385	76	375651	46.53	ug/l	98
18) Methyl Acetate	4.672	43	55254	41.95	ug/l	94
19) Methyl tert-butyl Ether	5.422	73	177273	47.46	ug/l	99
20) Methylene Chloride	4.916	84	150810	55.38	ug/l	# 84
21) trans-1,2-Dichloroethene	5.416	96	151770	49.49	ug/l	92
22) Diisopropyl ether	6.312	45	379354	48.88	ug/l	94
23) Vinyl Acetate	6.251	43	1206797	231.04	ug/l	96
24) 1,1-Dichloroethane	6.214	63	265430	50.38	ug/l	96
25) 2-Butanone	7.171	43	183896	213.13	ug/l	94
26) 2,2-Dichloropropane	7.165	77	171668	53.01	ug/l	95
27) cis-1,2-Dichloroethene	7.165	96	167065	51.00	ug/l	90
28) Bromochloromethane	7.507	49	106958	47.74	ug/l	# 78
29) Tetrahydrofuran	7.531	42	101372	208.87	ug/l	92
30) Chloroform	7.671	83	278772	52.10	ug/l	99
31) Cyclohexane	7.952	56	237215	46.12	ug/l	94
32) 1,1,1-Trichloroethane	7.872	97	235830	51.56	ug/l	95
36) 1,1-Dichloropropene	8.080	75	225247	52.29	ug/l	96
37) Ethyl Acetate	7.251	43	75204	41.77	ug/l	97
38) Carbon Tetrachloride	8.067	117	229641	53.04	ug/l	97
39) Methylcyclohexane	9.336	83	283992	52.04	ug/l	94
40) Benzene	8.324	78	603465	52.88	ug/l	98
41) Methacrylonitrile	7.482	41	44811	44.06	ug/l	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\Vw122220\
 Data File : Vw017695.D
 Acq On : 22 Dec 2020 10:26
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 12/23/2020 3:25:28 PM

Quant Time: Dec 23 02:05:44 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	180818	52.03	ug/l	95
43) Isopropyl Acetate	8.421	43	157047	46.49	ug/l	94
44) Trichloroethene	9.092	130	168926	53.66	ug/l	94
45) 1,2-Dichloropropane	9.366	63	145300	51.59	ug/l	98
46) Dibromomethane	9.457	93	79565	50.49	ug/l	88
47) Bromodichloromethane	9.646	83	210169	52.34	ug/l	97
48) Methyl methacrylate	9.433	41	76609	46.23	ug/l	90
49) 1,4-Dioxane	9.470	88	19740	1012.75	ug/l #	97
51) 4-Methyl-2-Pentanone	10.207	43	371578	221.03	ug/l	93
52) Toluene	10.390	92	397578	53.27	ug/l	97
53) t-1,3-Dichloropropene	10.604	75	206448	50.23	ug/l	100
54) cis-1,3-Dichloropropene	10.073	75	241615	50.84	ug/l #	91
55) 1,1,2-Trichloroethane	10.787	97	106288	50.44	ug/l	91
56) Ethyl methacrylate	10.646	69	132970	48.84	ug/l #	90
57) 1,3-Dichloropropane	10.933	76	189785	50.98	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.921	63	298386	229.26	ug/l	93
59) 2-Hexanone	10.969	43	265076	235.67	ug/l	95
60) Dibromochloromethane	11.128	129	141173	53.54	ug/l	98
61) 1,2-Dibromoethane	11.232	107	107546	51.64	ug/l	100
64) Tetrachloroethene	10.860	164	133721	52.65	ug/l	90
65) Chlorobenzene	11.658	112	422959	52.82	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.731	131	152398	53.65	ug/l	98
67) Ethyl Benzene	11.731	91	788590	53.01	ug/l	98
68) m/p-Xylenes	11.841	106	627593	110.63	ug/l	100
69) o-Xylene	12.164	106	282586	52.82	ug/l	95
70) Styrene	12.183	104	481980	53.94	ug/l	97
71) Bromoform	12.347	173	75438	49.69	ug/l	97
73) Isopropylbenzene	12.463	105	807947	52.67	ug/l	100
74) N-ethyl acetate	12.274	43	136919	42.56	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.713	83	120329	47.03	ug/l	98
76) 1,2,3-Trichloropropane	12.768	75	95590m	51.19	ug/l	
77) Bromobenzene	12.743	156	170895	52.02	ug/l	86
78) n-propylbenzene	12.804	91	961960	52.81	ug/l	99
79) 2-Chlorotoluene	12.890	91	529744	52.17	ug/l	99
80) 1,3,5-Trimethylbenzene	12.945	105	677663	52.20	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.512	75	38344	41.60	ug/l	98
82) 4-Chlorotoluene	12.987	91	559346	52.19	ug/l	98
83) tert-Butylbenzene	13.207	119	610451	54.98	ug/l	96
84) 1,2,4-Trimethylbenzene	13.249	105	683038	53.42	ug/l	97
85) sec-Butylbenzene	13.384	105	847515	54.35	ug/l	99
86) p-Isopropyltoluene	13.499	119	777615	55.24	ug/l	97
87) 1,3-Dichlorobenzene	13.499	146	359717	54.93	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	356451	54.84	ug/l	97
89) n-Butylbenzene	13.823	91	737347	53.30	ug/l	99
90) Hexachloroethane	14.091	117	144649	52.30	ug/l	81
91) 1,2-Dichlorobenzene	13.871	146	317217	54.50	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.481	75	20602	44.25	ug/l	84
93) 1,2,4-Trichlorobenzene	15.133	180	199524	53.58	ug/l	98
94) Hexachlorobutadiene	15.237	225	111557	57.00	ug/l	94
95) Naphthalene	15.365	128	361816	47.51	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	165857	51.50	ug/l	96

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
12/23/2020 3:25:28 PM

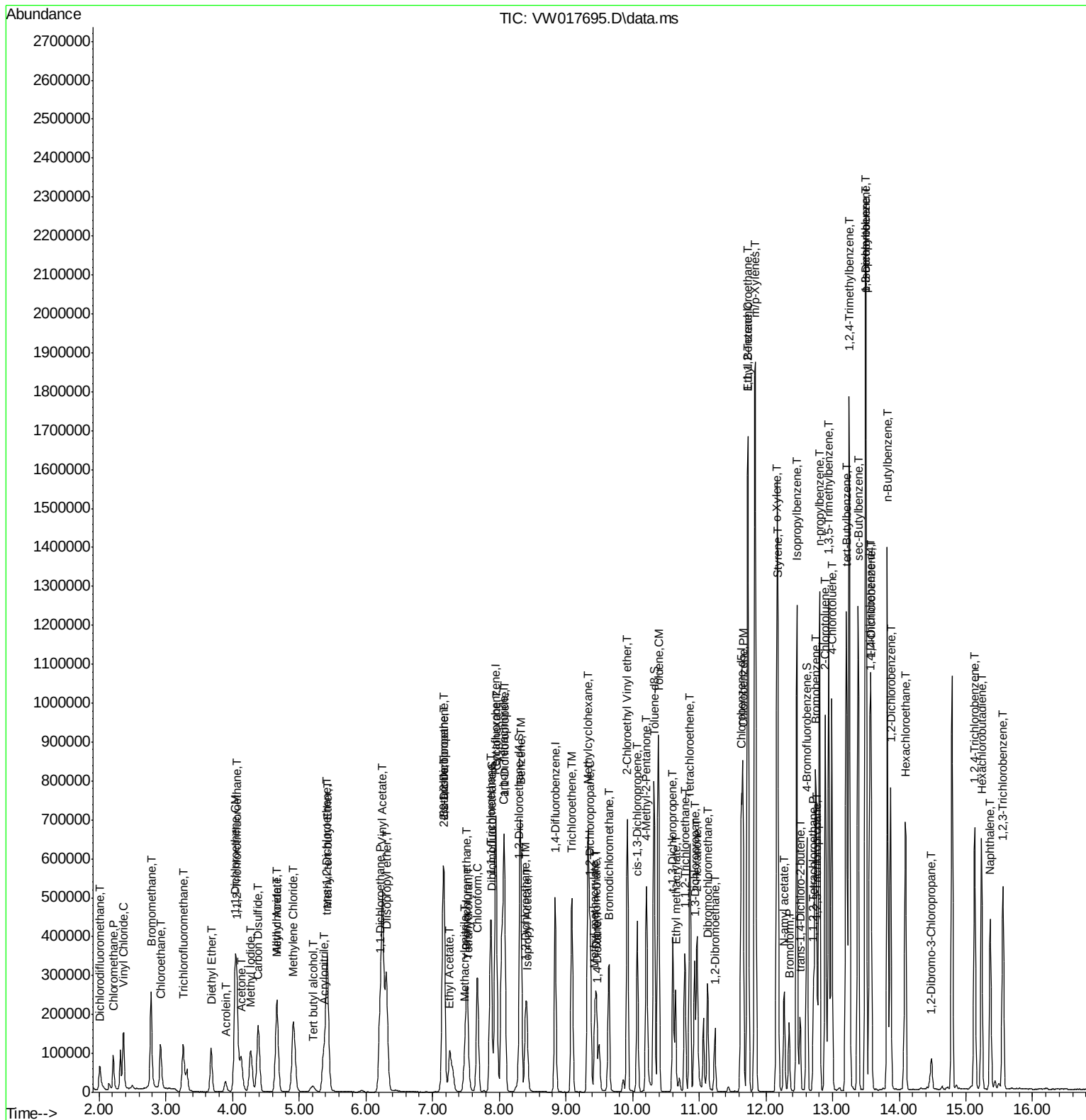
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\Vw122220\
Data File : VW017695.D
Acq On : 22 Dec 2020 10:26
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

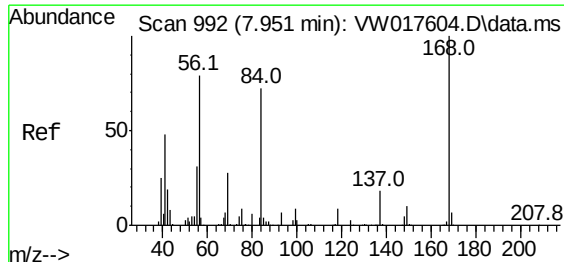
Instrument :
MSVOA_W
Client Sample Id :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
12/23/2020 3:25:28 PM

Quant Time: Dec 23 02:05:44 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





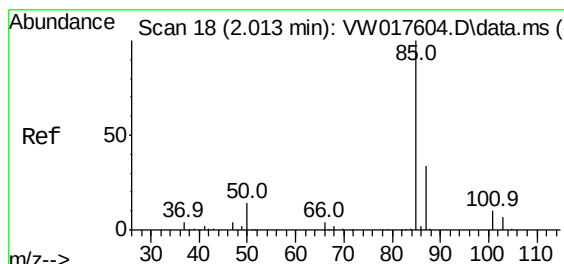
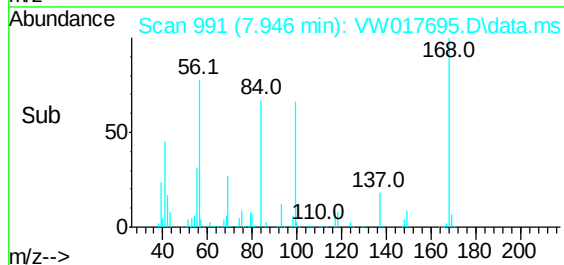
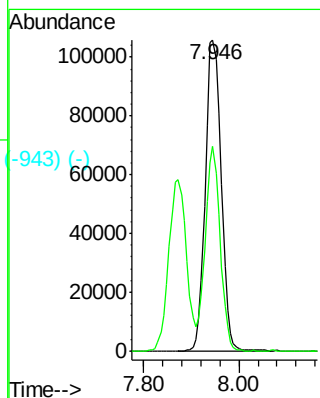
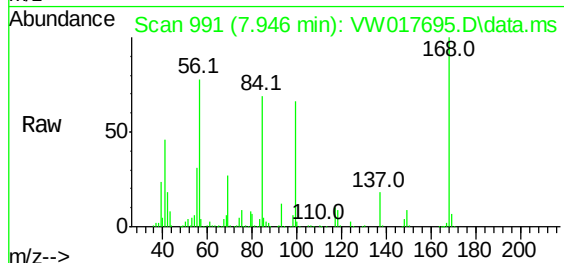
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.946 min Scan# 991
Delta R.T. -0.005 min
Lab File: VW017695.D
Acq: 22 Dec 2020 10:26

Tgt Ion:168 Resp: 244485
Ion Ratio Lower Upper
168 100
99 65.9 40.7 61.1#

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

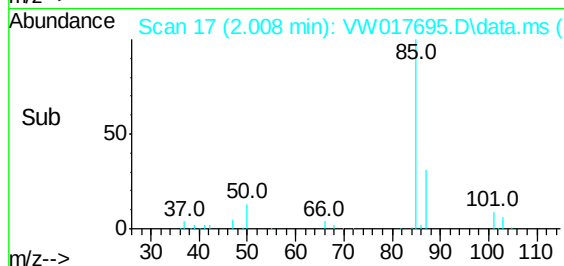
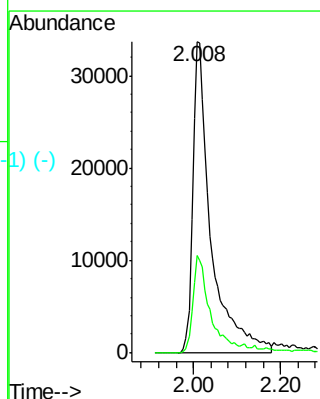
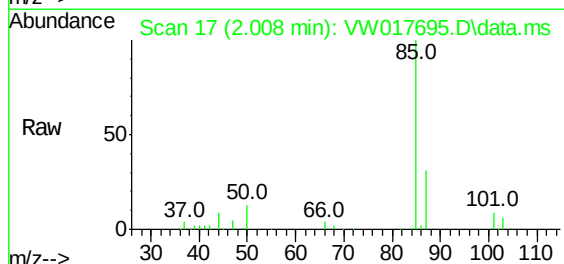
Manual Integrations
APPROVED

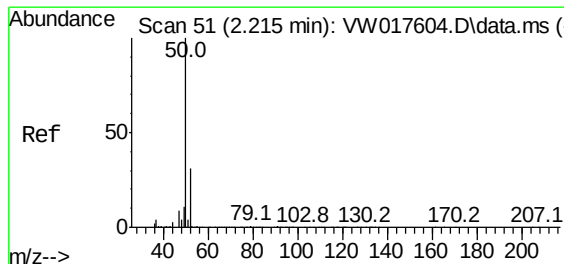
MMDadoda
12/23/2020 3:25:28 PM



Dichlorodifluoromethane
Concen: 51.10 ug/l
RT: 2.008 min Scan# 17
Delta R.T. -0.005 min
Lab File: VW017695.D
Acq: 22 Dec 2020 10:26

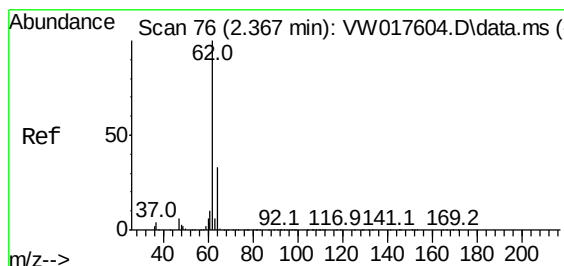
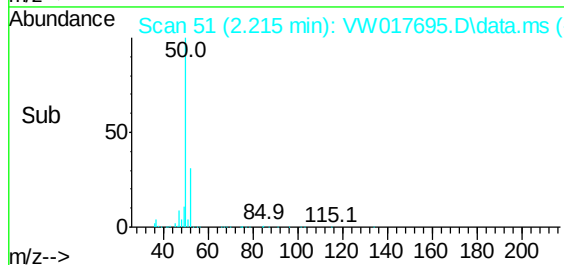
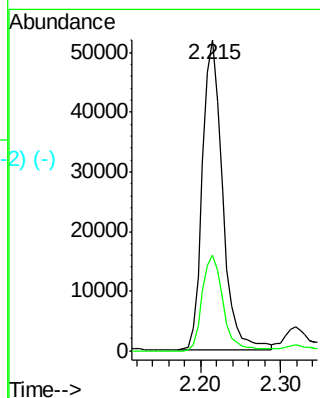
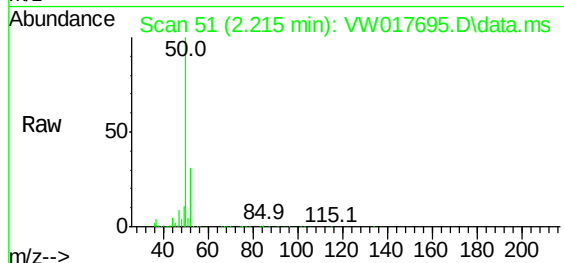
Tgt Ion: 85 Resp: 98023
Ion Ratio Lower Upper
85 100
87 31.1 16.3 48.9





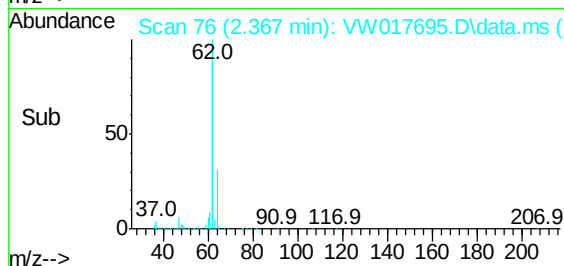
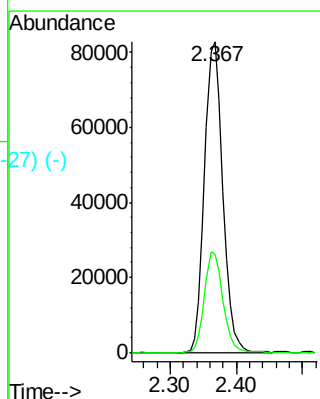
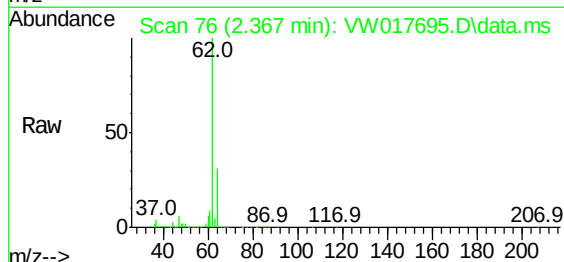
Chloromethane
Concen: 42.16 ug/l
RT: 2.215 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW017695.D
Acq: 22 Dec 2020 10:26

Tgt Ion: 50 Resp: 91045
Ion Ratio Lower Upper
50 100
52 31.0 27.6 41.4



Vinyl Chloride
Concen: 50.69 ug/l
RT: 2.367 min Scan# 76
Delta R.T. 0.000 min
Lab File: VW017695.D
Acq: 22 Dec 2020 10:26

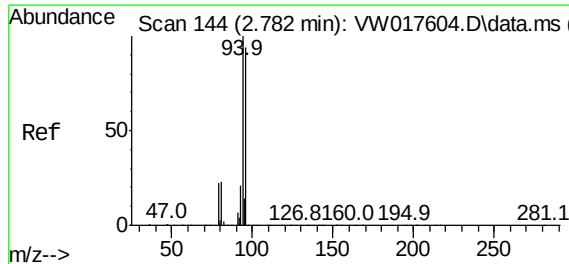
Tgt Ion: 62 Resp: 158718
Ion Ratio Lower Upper
62 100
64 31.5 25.0 37.4



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

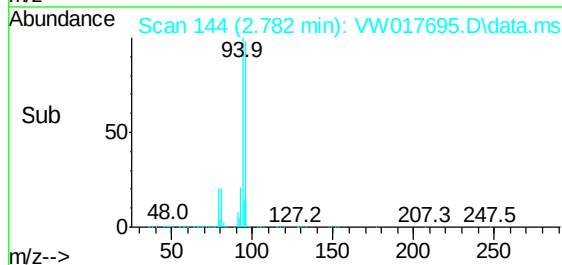
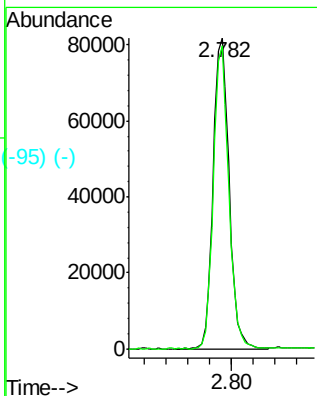
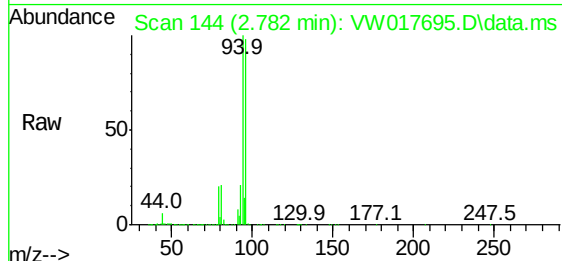
Manual Integrations
APPROVED

MMDadoda
12/23/2020 3:25:28 PM



Bromomethane
Concen: 68.82 ug/l
RT: 2.782 min Scan# 144
Delta R.T. -0.000 min
Lab File: VW017695.D
Acq: 22 Dec 2020 10:26

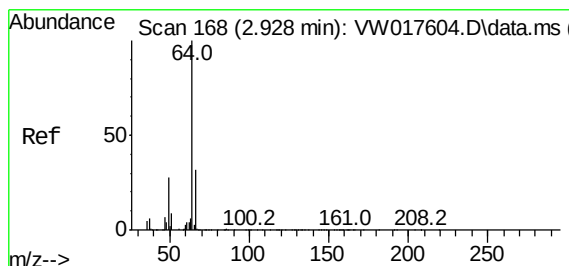
Tgt Ion: 94 Resp: 165723
Ion Ratio Lower Upper
94 100
96 97.7 74.7 112.1



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

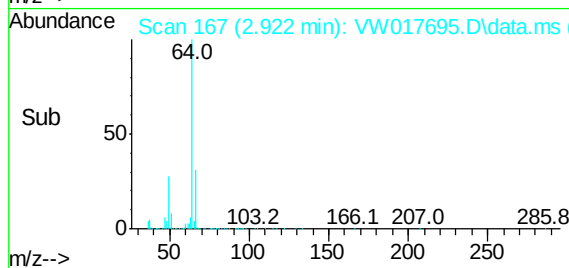
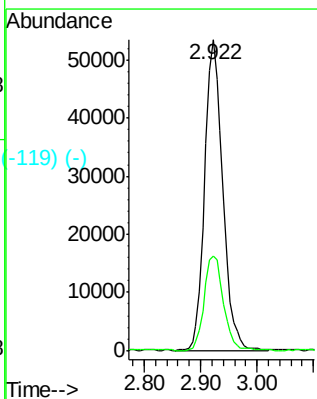
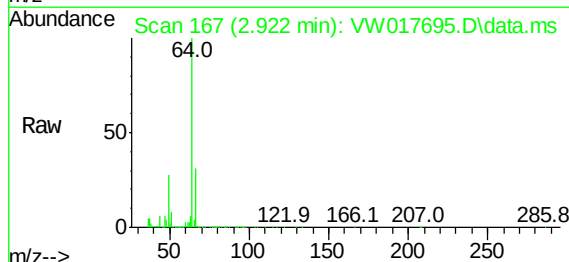
Manual Integrations
APPROVED

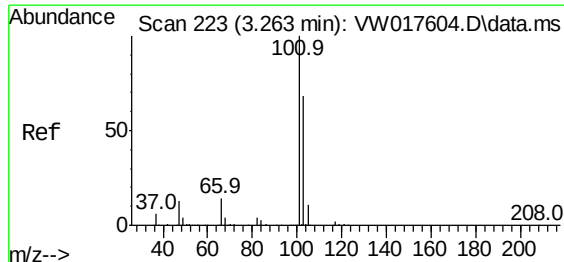
MMDadoda
12/23/2020 3:25:28 PM



Chloroethane
Concen: 59.97 ug/l
RT: 2.922 min Scan# 167
Delta R.T. -0.006 min
Lab File: VW017695.D
Acq: 22 Dec 2020 10:26

Tgt Ion: 64 Resp: 117345
Ion Ratio Lower Upper
64 100
66 30.6 25.0 37.6





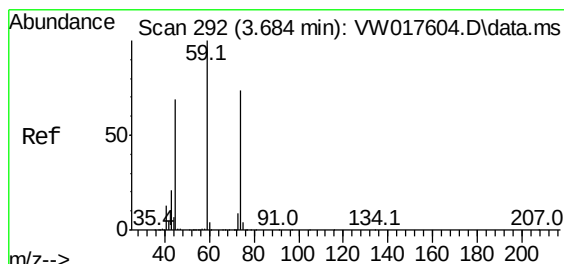
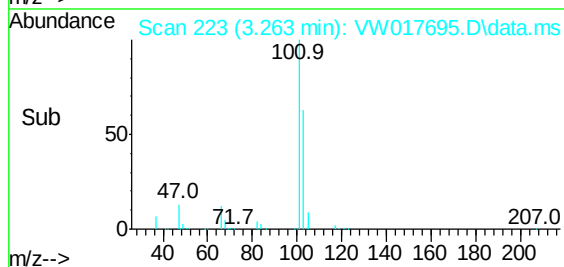
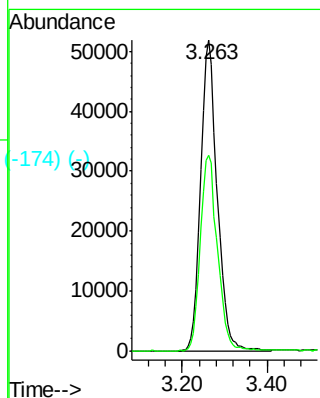
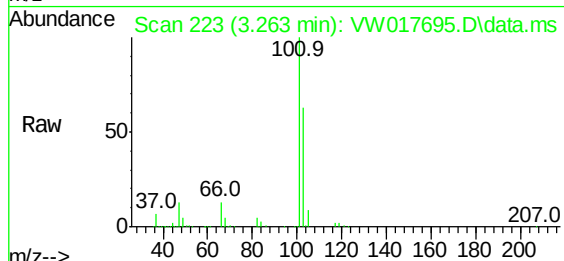
Trichlorofluoromethane
 Concen: 55.68 ug/l
 RT: 3.263 min Scan# 223
 Delta R.T. 0.000 min
 Lab File: VW017695.D
 Acq: 22 Dec 2020 10:26

Tgt Ion: 101 Resp: 137927
 Ion Ratio Lower Upper
 101 100
 103 63.0 52.6 79.0

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

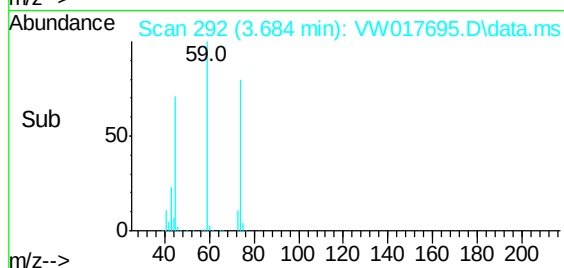
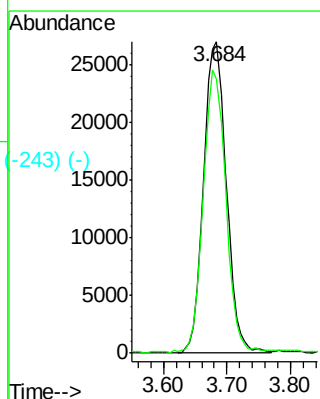
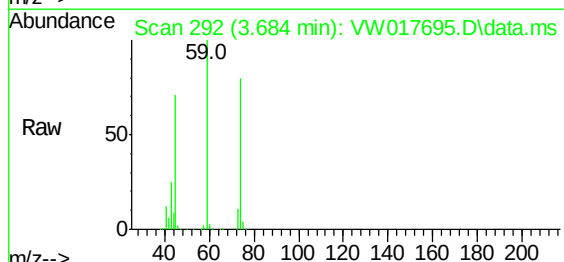
Manual Integrations
 APPROVED

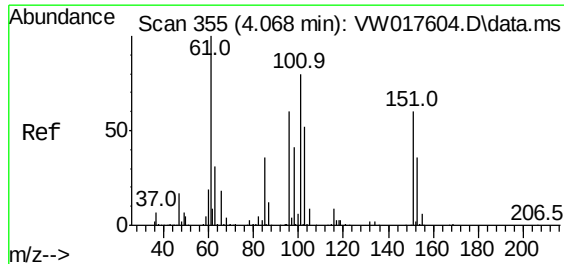
MMDadoda
 12/23/2020 3:25:28 PM



Diethyl Ether
 Concen: 47.65 ug/l
 RT: 3.684 min Scan# 292
 Delta R.T. 0.000 min
 Lab File: VW017695.D
 Acq: 22 Dec 2020 10:26

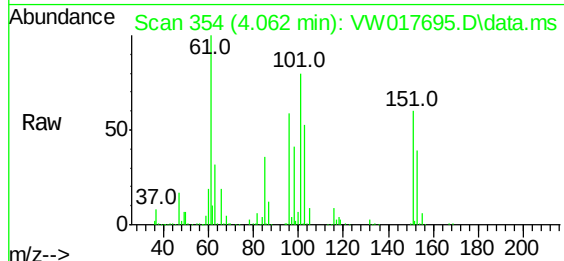
Tgt Ion: 74 Resp: 64694
 Ion Ratio Lower Upper
 74 100
 45 90.7 41.1 123.4





1,1,2-Trichlorotrifluoroethane
Concen: 51.18 ug/l
RT: 4.062 min Scan# 354
Delta R.T. -0.006 min
Lab File: VW017695.D
Acq: 22 Dec 2020 10:26

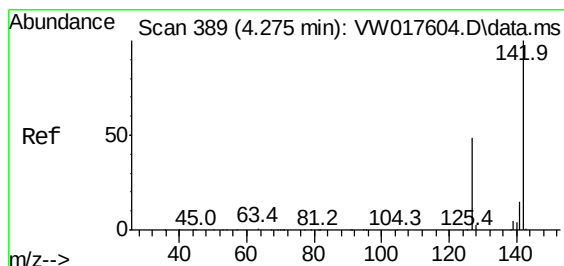
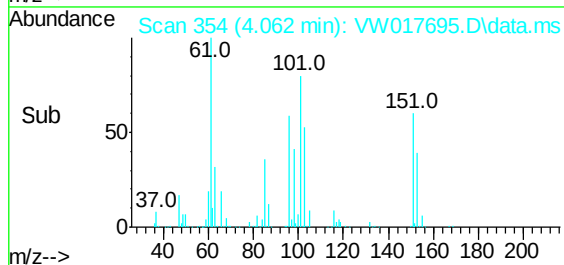
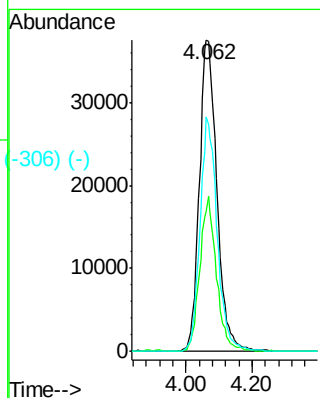
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 137583
Ion Ratio Lower Upper
101 100
85 46.7 33.2 49.8
151 73.1 66.6 100.0

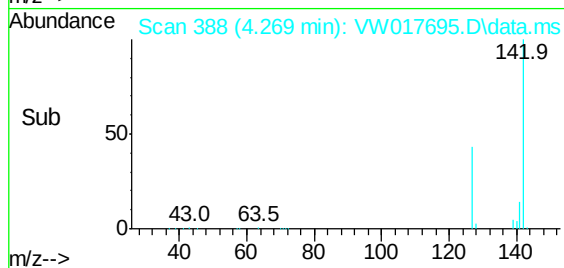
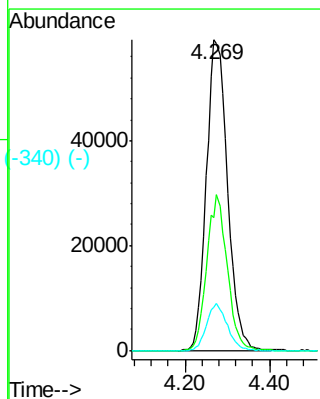
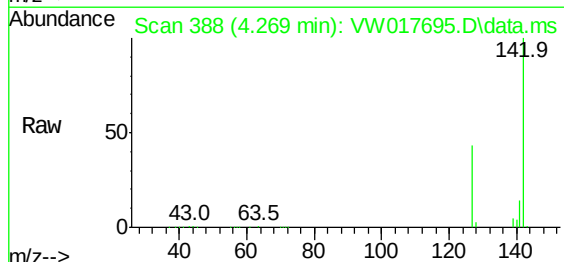
Manual Integrations
APPROVED

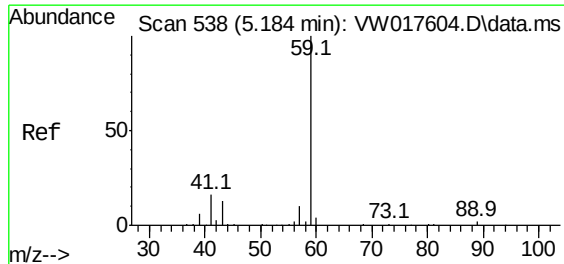
MMDadoda
12/23/2020 3:25:28 PM



Methyl Iodide
Concen: 49.90 ug/l
RT: 4.269 min Scan# 388
Delta R.T. -0.006 min
Lab File: VW017695.D
Acq: 22 Dec 2020 10:26

Tgt Ion:142 Resp: 197517
Ion Ratio Lower Upper
142 100
127 48.0 32.4 48.6
141 14.6 11.4 17.0





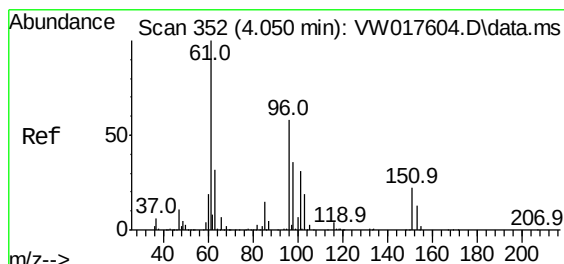
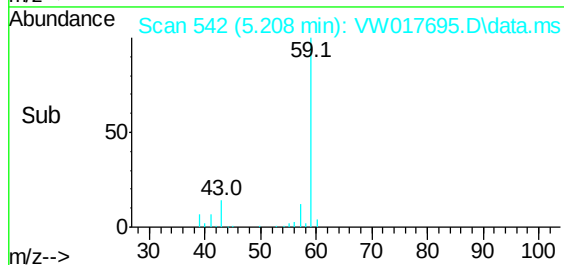
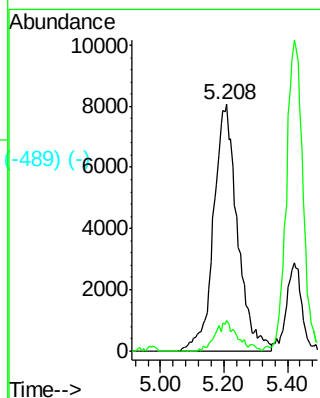
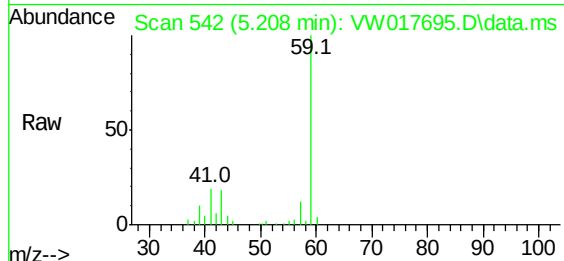
Tert butyl alcohol
Concen: 191.03 ug/l
RT: 5.208 min Scan# 542
Delta R.T. 0.024 min
Lab File: VW017695.D
Acq: 22 Dec 2020 10:26

Tgt Ion: 59 Resp: 41318
Ion Ratio Lower Upper
59 100
57 10.5 4.7 7.1#

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

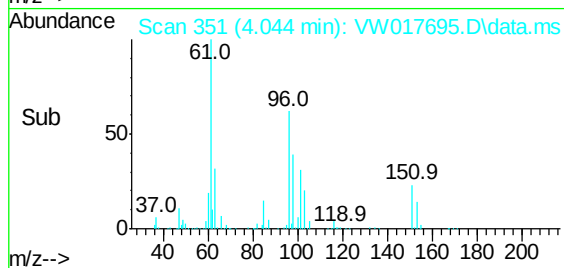
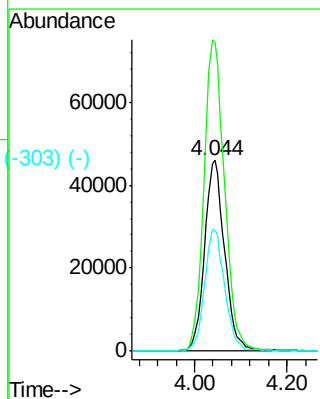
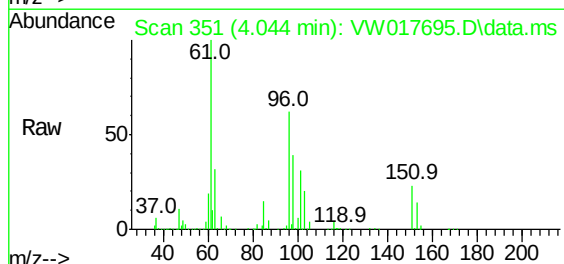
Manual Integrations
APPROVED

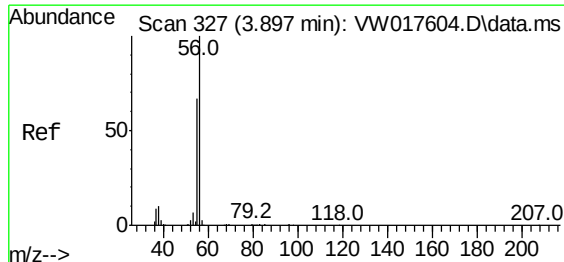
MMDadoda
12/23/2020 3:25:28 PM



1,1-Dichloroethene
Concen: 49.54 ug/l
RT: 4.044 min Scan# 351
Delta R.T. -0.006 min
Lab File: VW017695.D
Acq: 22 Dec 2020 10:26

Tgt Ion: 96 Resp: 136780
Ion Ratio Lower Upper
96 100
61 162.0 111.7 167.5
98 63.2 49.0 73.4





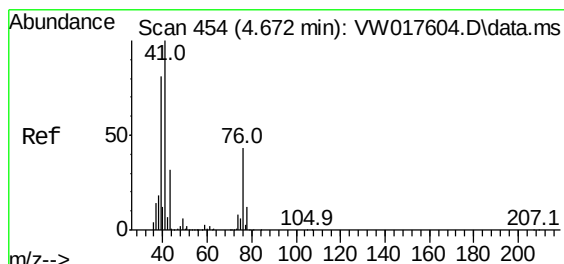
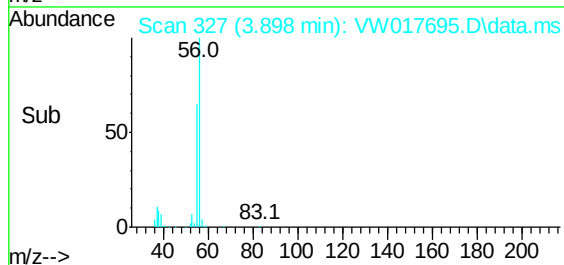
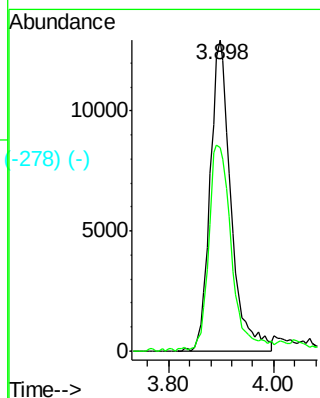
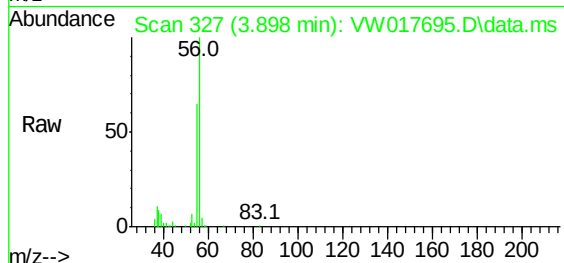
Acrolein
Concen: 197.83 ug/l
RT: 3.898 min Scan# 327
Delta R.T. 0.001 min
Lab File: VW017695.D
Acq: 22 Dec 2020 10:26

Tgt Ion: 56 Resp: 35484
Ion Ratio Lower Upper
56 100
55 71.1 55.9 83.9

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

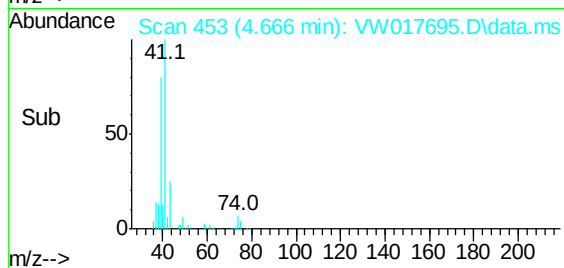
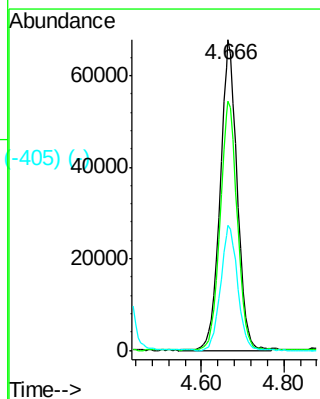
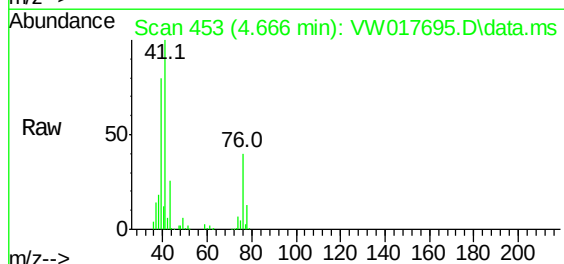
Manual Integrations
APPROVED

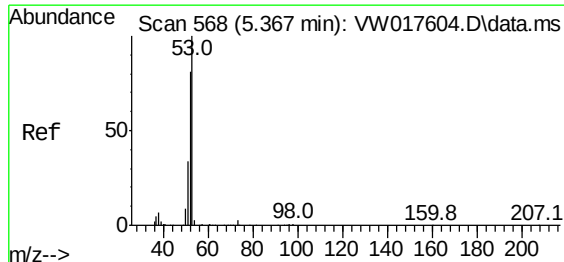
MMDadoda
12/23/2020 3:25:28 PM



Allyl chloride
Concen: 47.42 ug/l
RT: 4.666 min Scan# 453
Delta R.T. -0.006 min
Lab File: VW017695.D
Acq: 22 Dec 2020 10:26

Tgt Ion: 41 Resp: 201639
Ion Ratio Lower Upper
41 100
39 80.3 57.8 86.8
76 40.1 35.1 52.7





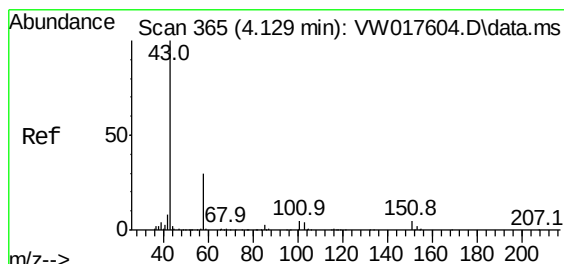
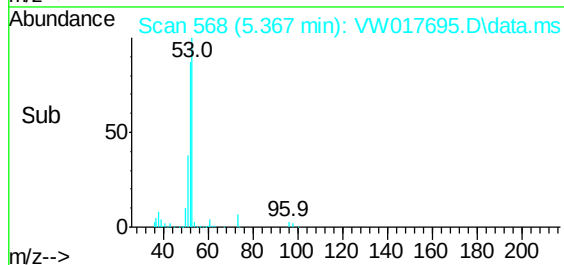
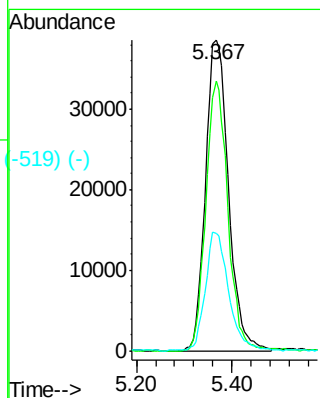
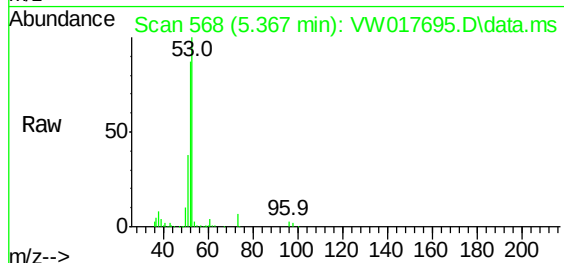
#55 (-)
Acrylonitrile
Concen: 214.18 ug/l
RT: 5.367 min Scan# 568
Delta R.T. -0.000 min
Lab File: VW017695.D
Acq: 22 Dec 2020 10:26

Tgt Ion: 53 Resp: 128786
Ion Ratio Lower Upper
53 100
52 83.3 65.0 97.4
51 38.8 29.1 43.7

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

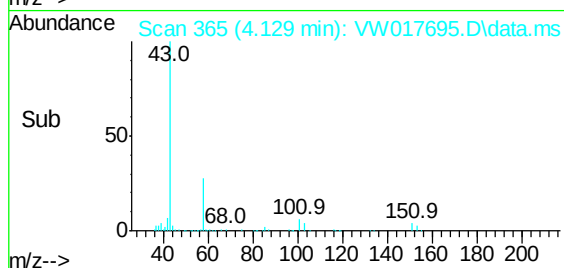
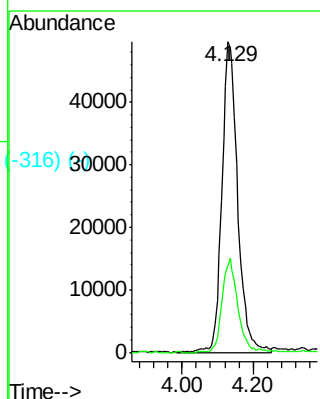
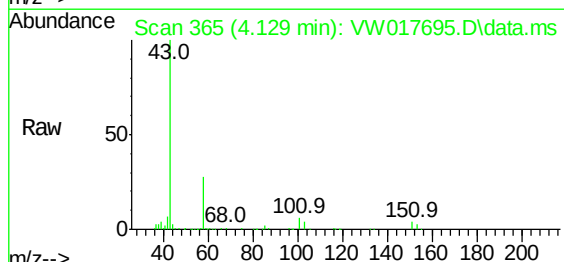
Manual Integrations
APPROVED

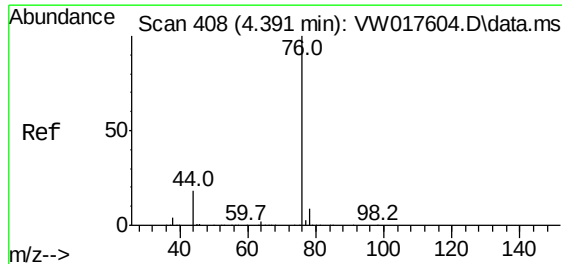
MMDadoda
12/23/2020 3:25:28 PM



#46 (-)
Acetone
Concen: 237.12 ug/l
RT: 4.129 min Scan# 365
Delta R.T. 0.000 min
Lab File: VW017695.D
Acq: 22 Dec 2020 10:26

Tgt Ion: 43 Resp: 153654
Ion Ratio Lower Upper
43 100
58 27.9 25.7 38.5





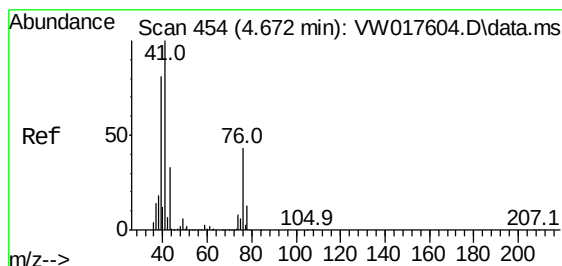
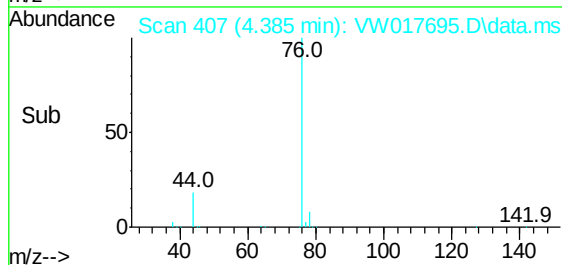
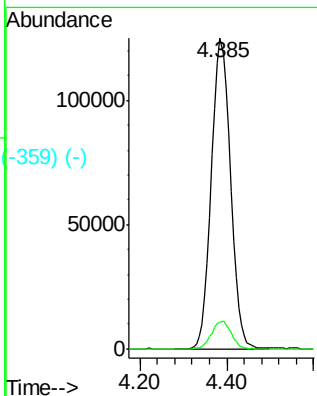
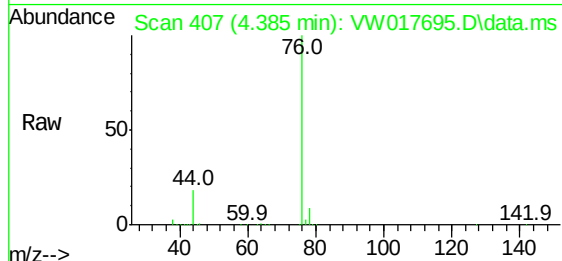
Carbon Disulfide
 Concen: 46.53 ug/l
 RT: 4.385 min Scan# 407
 Delta R.T. -0.006 min
 Lab File: VW017695.D
 Acq: 22 Dec 2020 10:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 76 Resp: 375651
 Ion Ratio Lower Upper
 76 100
 78 8.6 7.4 11.2

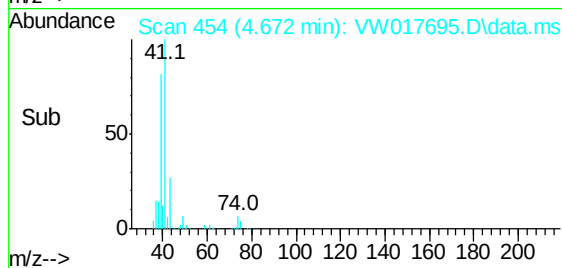
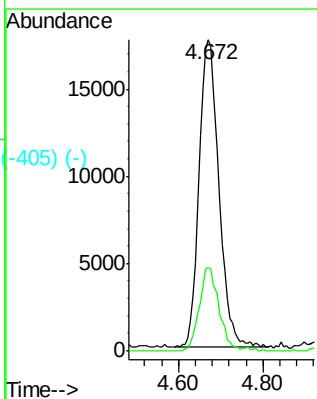
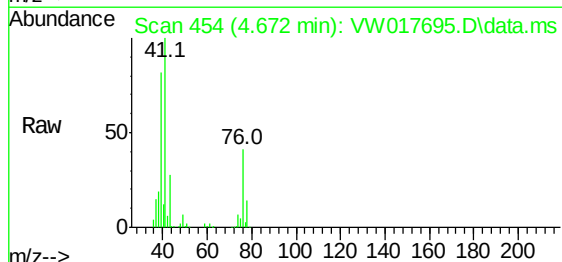
Manual Integrations
 APPROVED

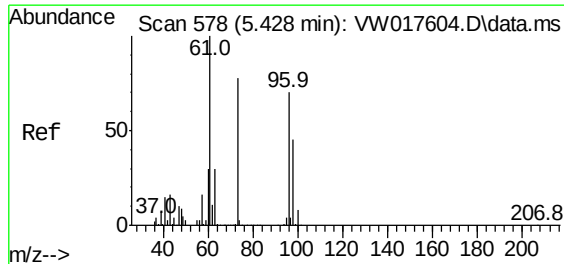
MMDadoda
 12/23/2020 3:25:28 PM



Methyl Acetate
 Concen: 41.95 ug/l
 RT: 4.672 min Scan# 454
 Delta R.T. -0.000 min
 Lab File: VW017695.D
 Acq: 22 Dec 2020 10:26

Tgt Ion: 43 Resp: 55254
 Ion Ratio Lower Upper
 43 100
 74 26.3 23.8 35.6





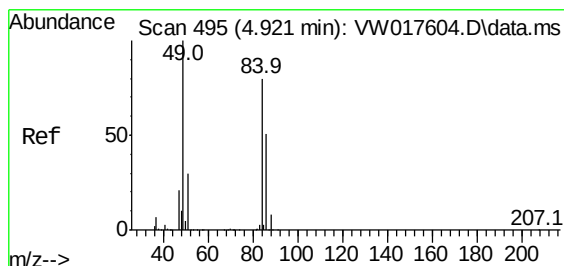
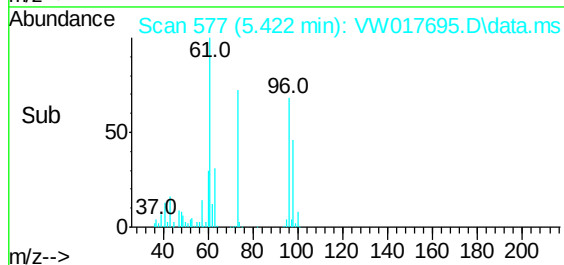
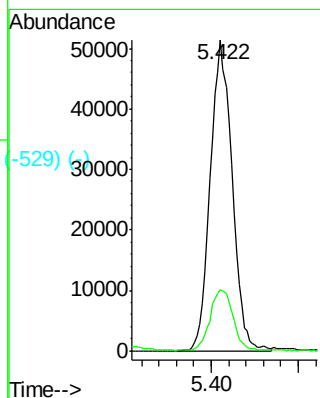
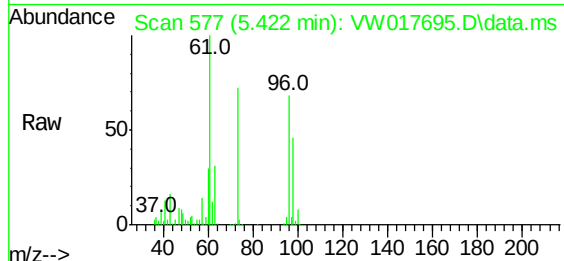
Methyl tert-butyl Ether
Concen: 47.46 ug/l
RT: 5.422 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW017695.D
Acq: 22 Dec 2020 10:26

Tgt Ion: 73 Resp: 177273
Ion Ratio Lower Upper
73 100
57 19.7 16.1 24.1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

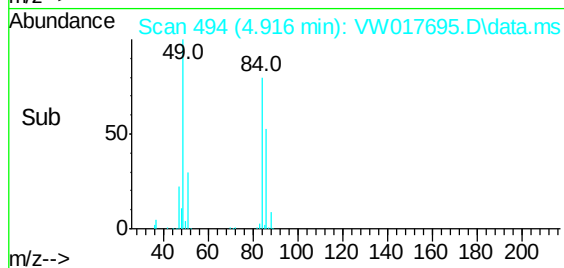
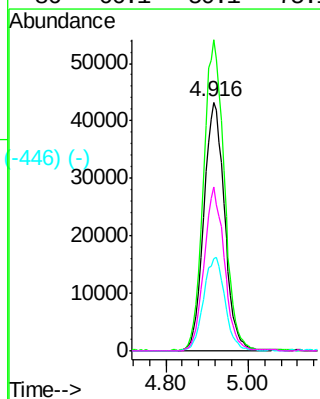
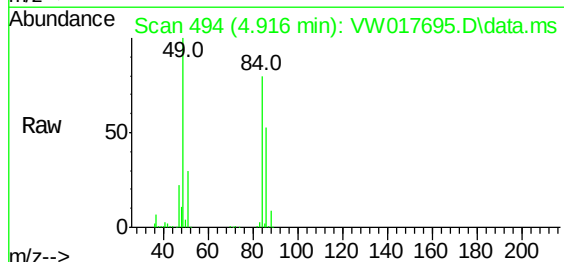
Manual Integrations
APPROVED

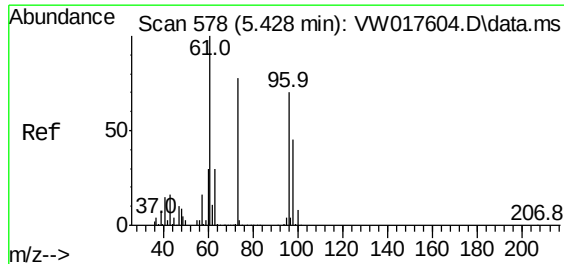
MMDadoda
12/23/2020 3:25:28 PM



Methylene Chloride
Concen: 55.38 ug/l
RT: 4.916 min Scan# 494
Delta R.T. -0.005 min
Lab File: VW017695.D
Acq: 22 Dec 2020 10:26

Tgt Ion: 84 Resp: 150810
Ion Ratio Lower Upper
84 100
49 125.2 79.0 118.6#
51 37.0 26.1 39.1
86 66.1 50.1 75.1





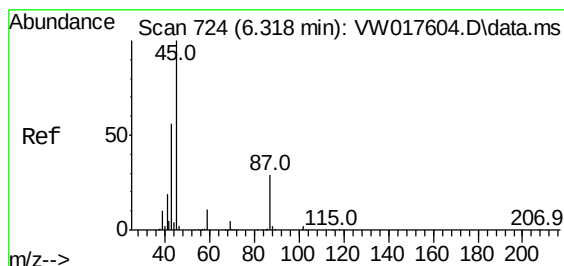
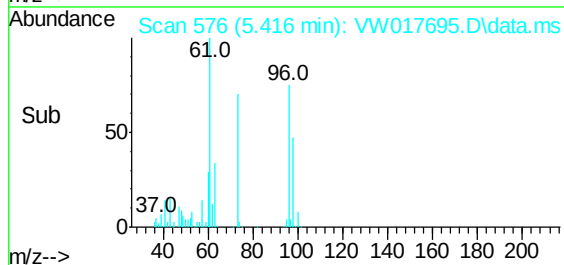
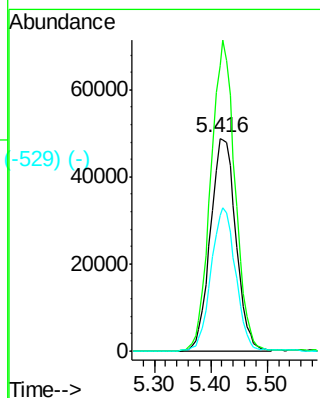
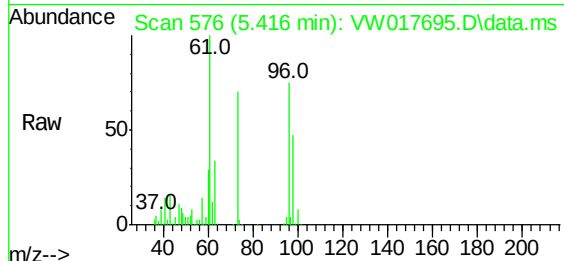
#21 (-)
trans-1,2-Dichloroethene
Concen: 49.49 ug/l
RT: 5.416 min Scan# 576
Delta R.T. -0.012 min
Lab File: VW017695.D
Acq: 22 Dec 2020 10:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 151770
Ion Ratio Lower Upper
96 100
61 134.1 97.4 146.0
98 63.5 49.4 74.0

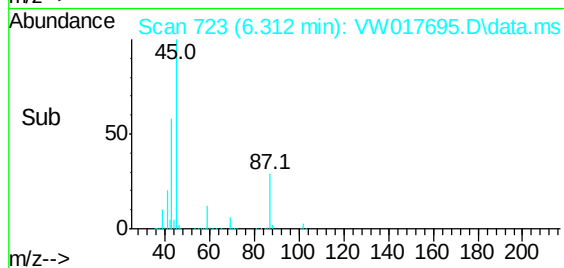
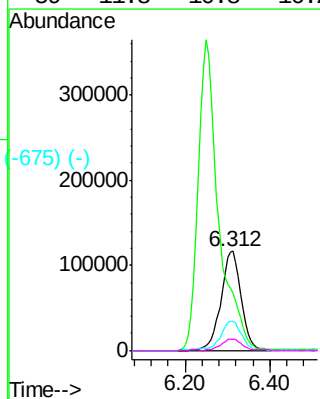
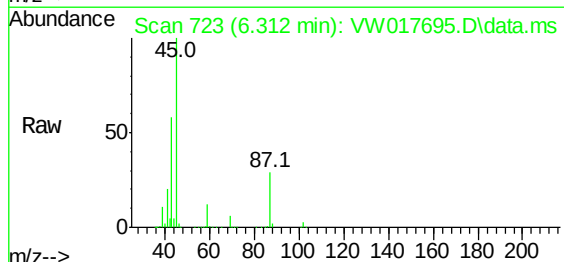
Manual Integrations
APPROVED

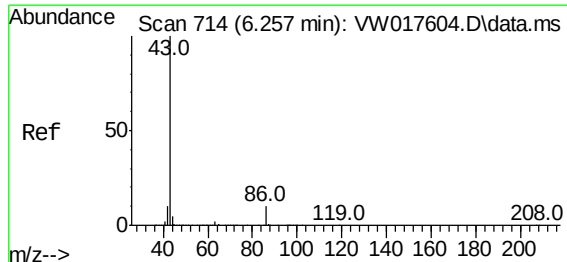
MMDadoda
12/23/2020 3:25:28 PM



#22 (-)
Diisopropyl ether
Concen: 48.88 ug/l
RT: 6.312 min Scan# 723
Delta R.T. -0.006 min
Lab File: VW017695.D
Acq: 22 Dec 2020 10:26

Tgt Ion: 45 Resp: 379354
Ion Ratio Lower Upper
45 100
43 57.9 43.8 65.8
87 29.2 27.6 41.4
59 11.8 10.8 16.2



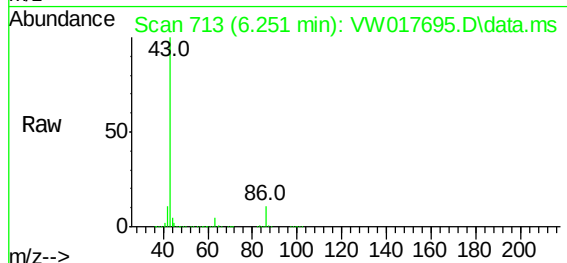


#23 (-)
 Vinyl Acetate
 Concen: 231.04 ug/l
 RT: 6.251 min Scan# 713
 Delta R.T. -0.006 min
 Lab File: VW017695.D
 Acq: 22 Dec 2020 10:26

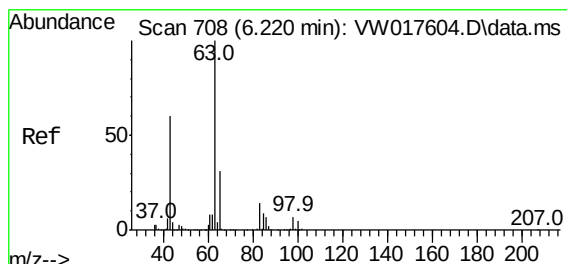
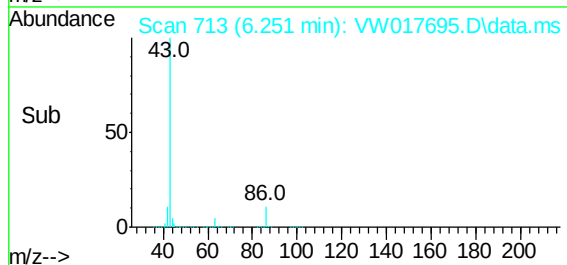
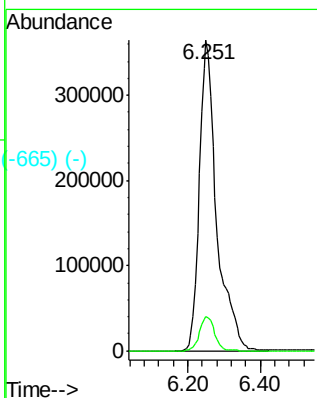
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 12/23/2020 3:25:28 PM

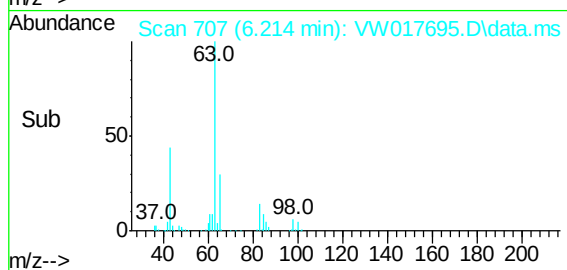
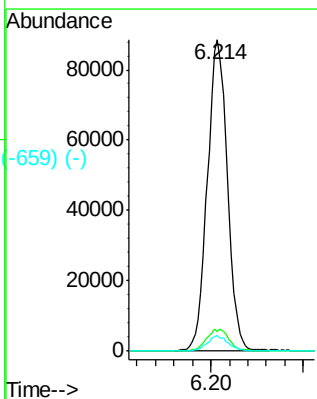
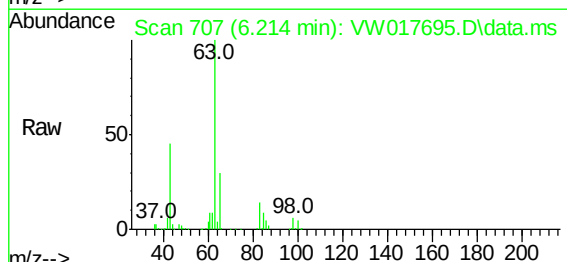


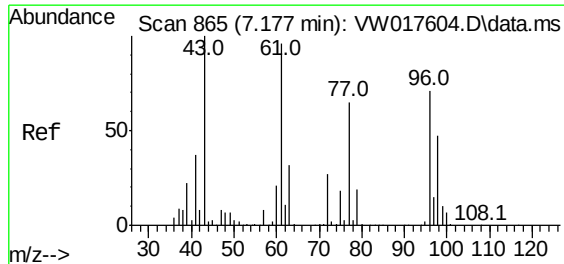
Tgt Ion: 43 Resp: 1206797
 Ion Ratio Lower Upper
 43 100
 86 11.2 10.2 15.4



#24 (-)
 1,1-Dichloroethane
 Concen: 50.38 ug/l
 RT: 6.214 min Scan# 707
 Delta R.T. -0.006 min
 Lab File: VW017695.D
 Acq: 22 Dec 2020 10:26

Tgt Ion: 63 Resp: 265430
 Ion Ratio Lower Upper
 63 100
 98 6.2 4.2 12.6
 100 4.8 2.6 7.8





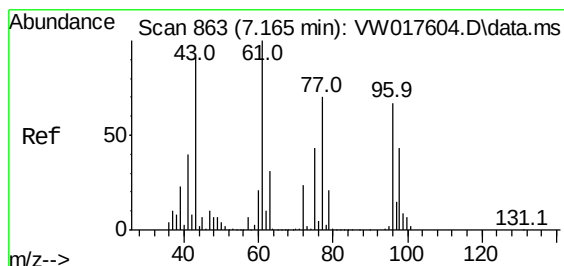
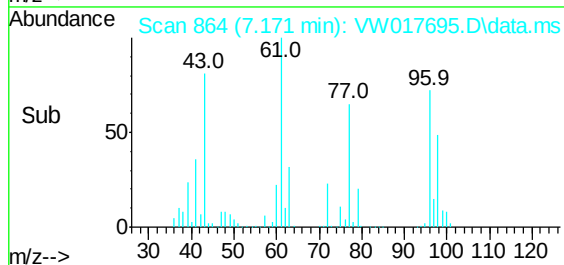
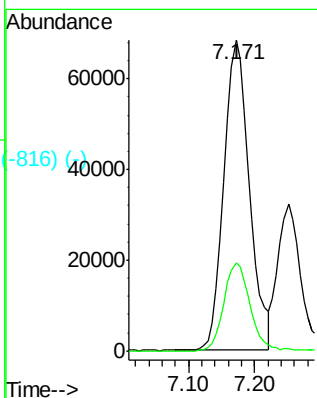
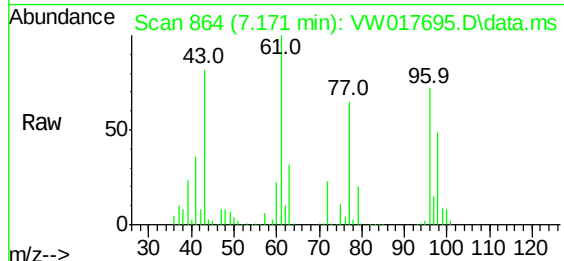
2-Butanone
Concen: 213.13 ug/l
RT: 7.171 min Scan# 864
Delta R.T. -0.006 min
Lab File: VW017695.D
Acq: 22 Dec 2020 10:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 183896
Ion Ratio Lower Upper
43 100
72 28.2 25.4 38.2

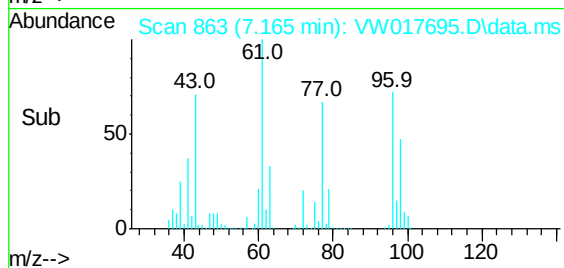
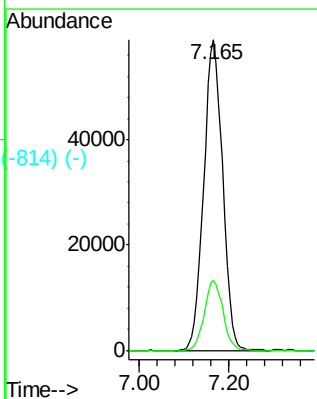
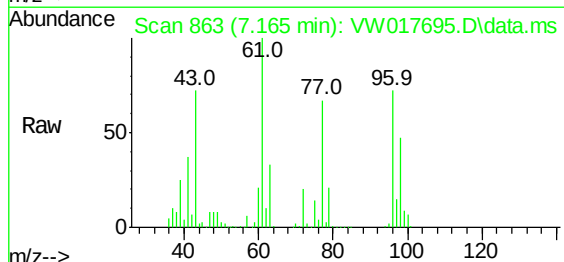
Manual Integrations
APPROVED

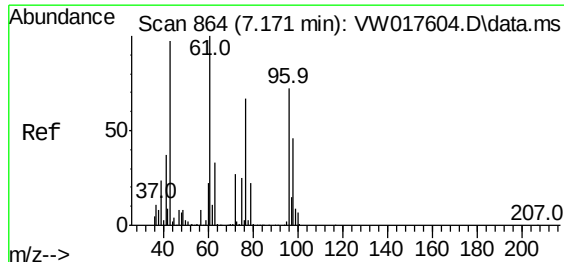
MMDadoda
12/23/2020 3:25:28 PM



2,2-Dichloropropane
Concen: 53.01 ug/l
RT: 7.165 min Scan# 863
Delta R.T. 0.000 min
Lab File: VW017695.D
Acq: 22 Dec 2020 10:26

Tgt Ion: 77 Resp: 171668
Ion Ratio Lower Upper
77 100
97 22.3 12.4 37.4





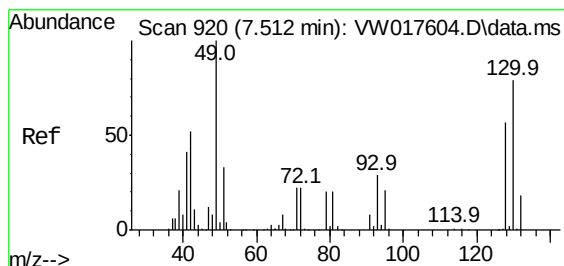
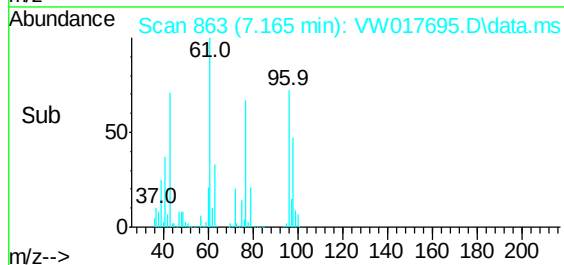
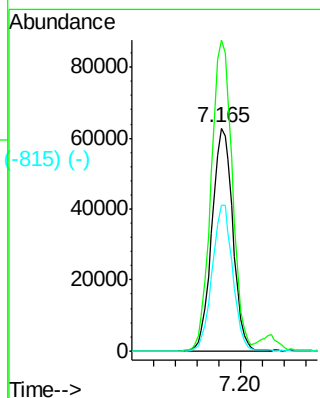
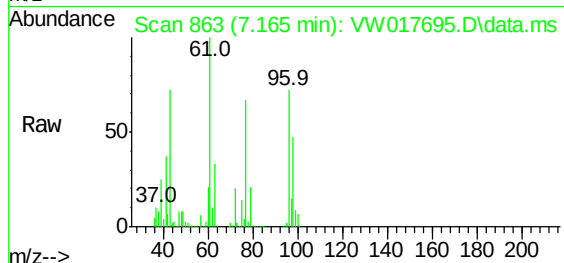
cis-1,2-Dichloroethene
Concen: 51.00 ug/l
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW017695.D
Acq: 22 Dec 2020 10:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 167065
Ion Ratio Lower Upper
96 100
61 141.4 0.0 249.6
98 64.0 0.0 129.4

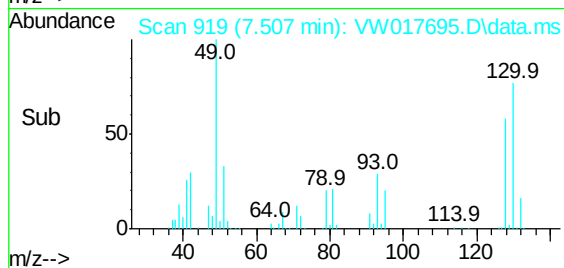
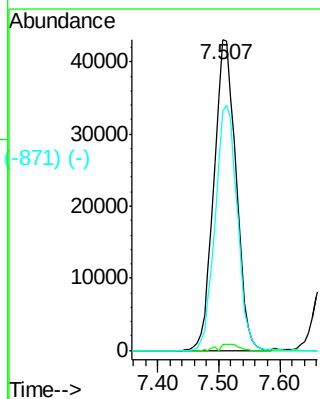
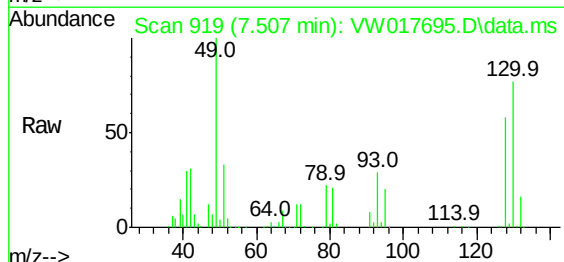
Manual Integrations
APPROVED

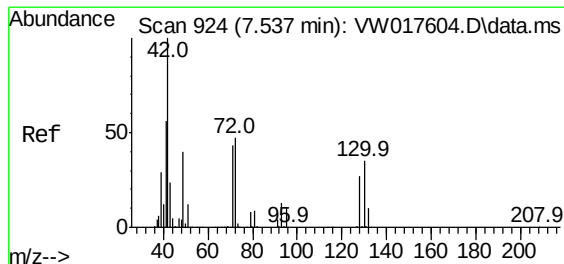
MMDadoda
12/23/2020 3:25:28 PM



Bromochloromethane
Concen: 47.74 ug/l
RT: 7.507 min Scan# 919
Delta R.T. -0.005 min
Lab File: VW017695.D
Acq: 22 Dec 2020 10:26

Tgt Ion: 49 Resp: 106958
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.8
130 78.7 81.3 121.9#





Tetrahydrofuran
Concen: 208.87 ug/l
RT: 7.531 min Scan# 923
Delta R.T. -0.006 min
Lab File: VW017695.D
Acq: 22 Dec 2020 10:26

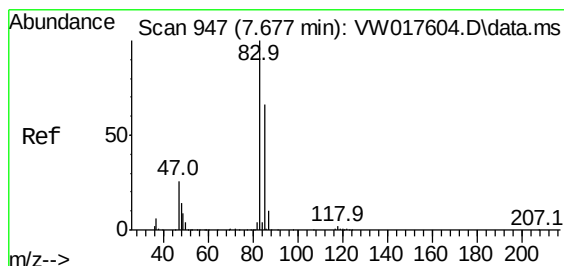
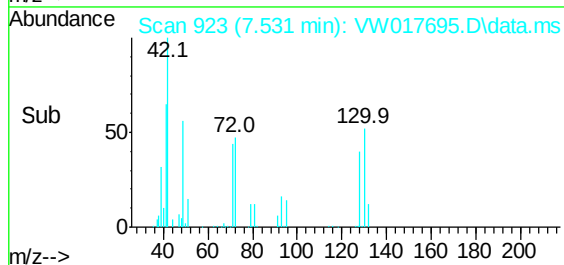
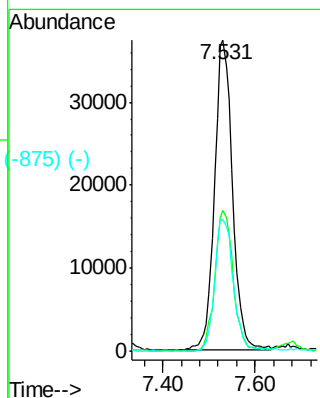
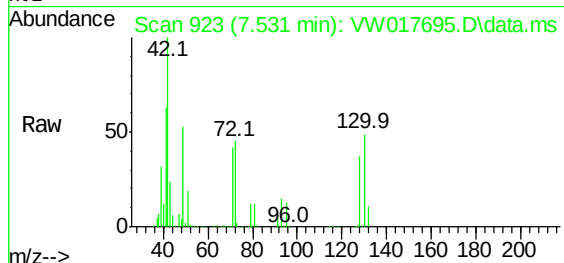
Tgt Ion: 42 Resp: 101372

Ion	Ratio	Lower	Upper
42	100		
72	46.1	42.0	63.0
71	43.6	39.0	58.6

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

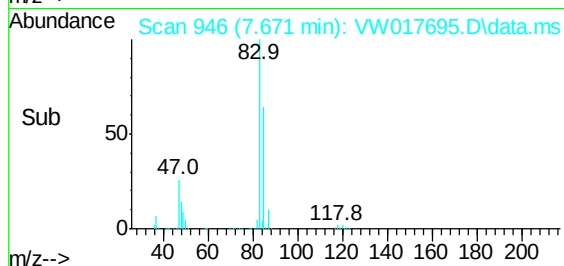
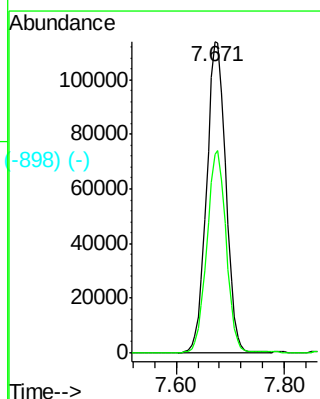
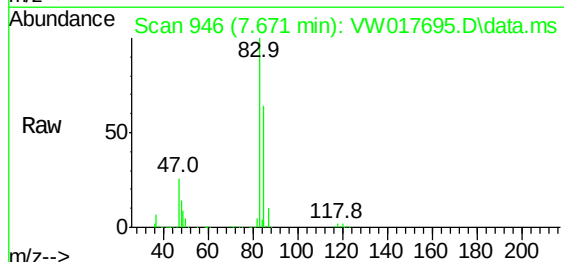
MMDadoda
12/23/2020 3:25:28 PM

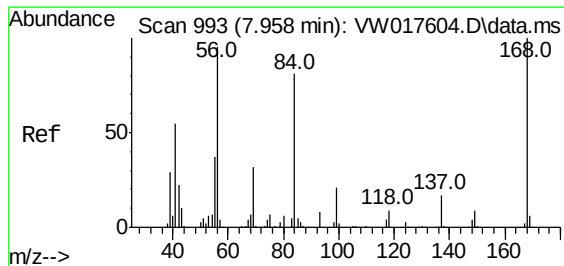


Chloroform
Concen: 52.10 ug/l
RT: 7.671 min Scan# 946
Delta R.T. -0.006 min
Lab File: VW017695.D
Acq: 22 Dec 2020 10:26

Tgt Ion: 83 Resp: 278772

Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.7	77.5





Cyclohexane
Concen: 46.12 ug/l
RT: 7.952 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW017695.D
Acq: 22 Dec 2020 10:26

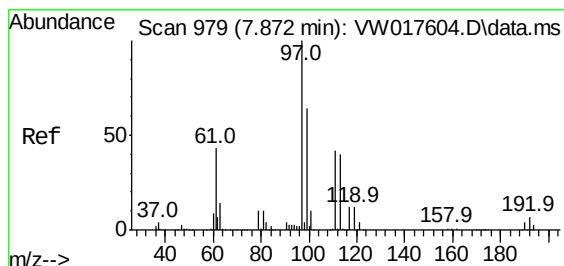
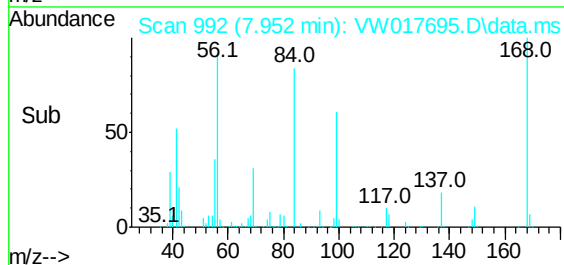
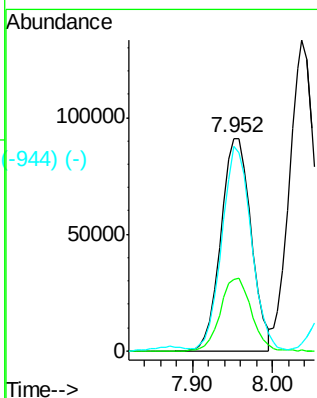
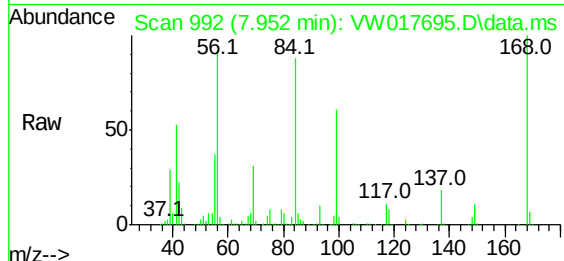
Tgt Ion: 56 Resp: 237215

Ion	Ratio	Lower	Upper
56	100		
69	33.6	29.3	43.9
84	94.1	80.5	120.7

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

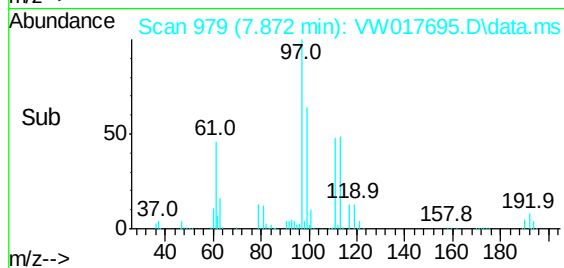
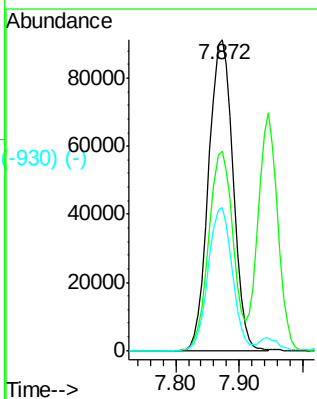
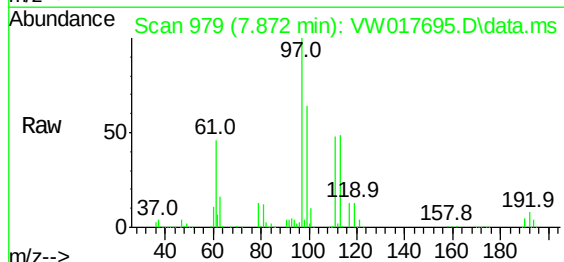
MMDadoda
12/23/2020 3:25:28 PM

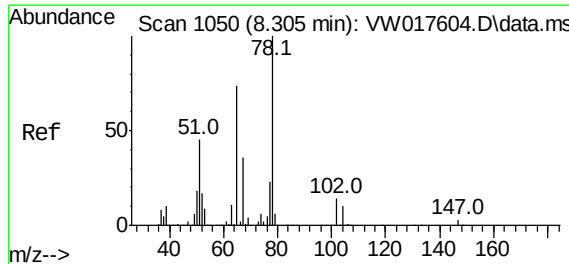


1,1,1-Trichloroethane
Concen: 51.56 ug/l
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW017695.D
Acq: 22 Dec 2020 10:26

Tgt Ion: 97 Resp: 235830

Ion	Ratio	Lower	Upper
97	100		
99	63.9	52.4	78.6
61	45.4	31.9	47.9





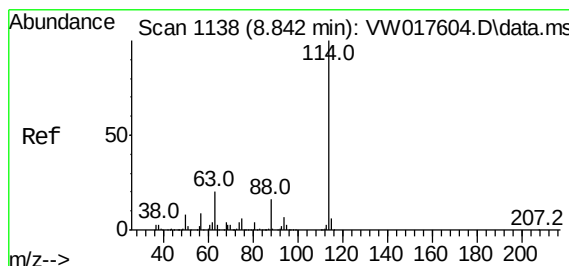
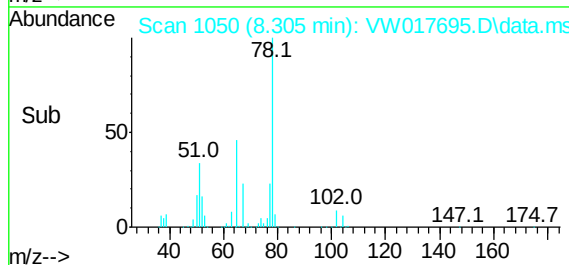
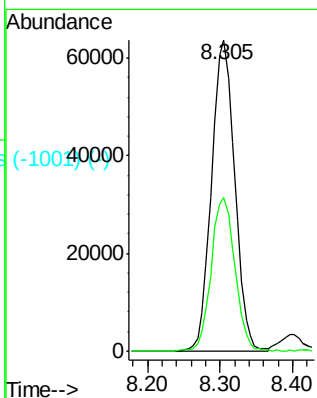
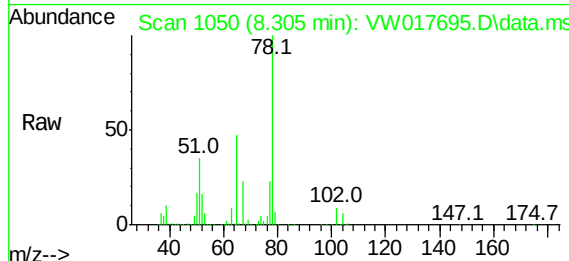
(#1050) (-)
1,2-Dichloroethane-d4
Concen: 47.01 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW017695.D
Acq: 22 Dec 2020 10:26

Tgt Ion: 65 Resp: 140000
Ion Ratio Lower Upper
65 100
67 50.1 0.0 103.8

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

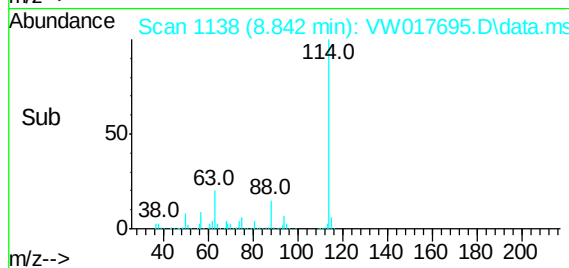
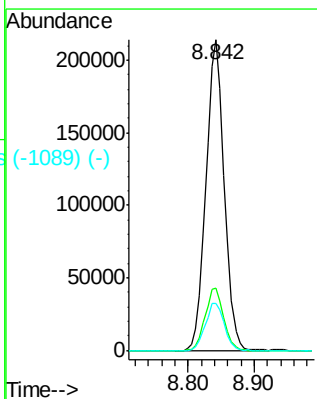
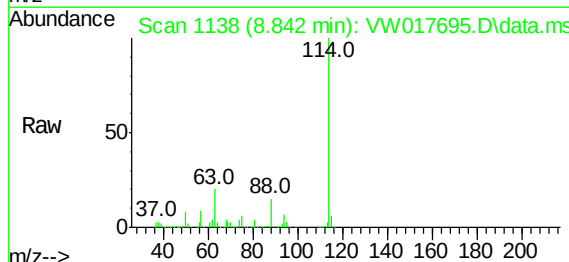
Manual Integrations
APPROVED

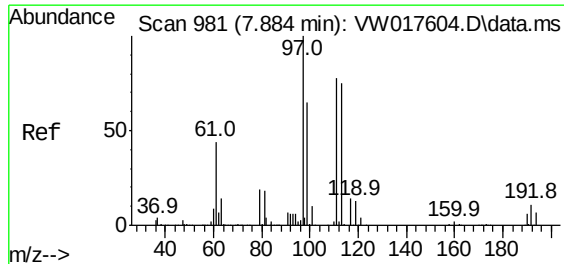
MMDadoda
12/23/2020 3:25:28 PM



(#1138) (-)
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. -0.000 min
Lab File: VW017695.D
Acq: 22 Dec 2020 10:26

Tgt Ion:114 Resp: 411500
Ion Ratio Lower Upper
114 100
63 20.0 0.0 35.6
88 15.0 0.0 30.4





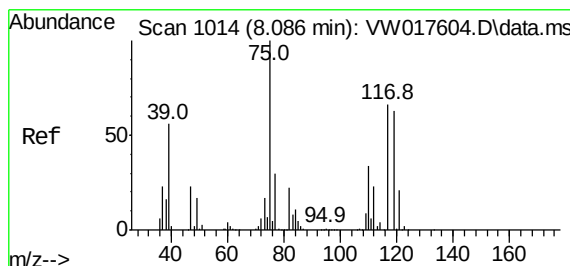
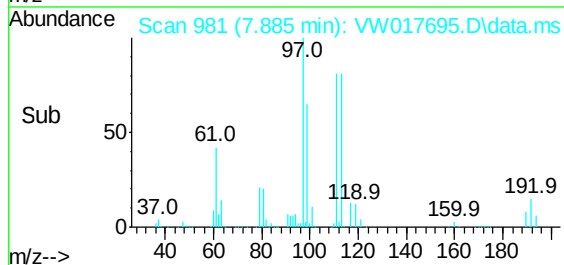
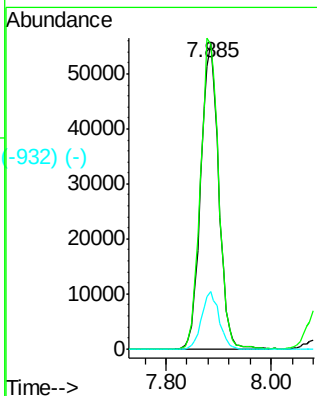
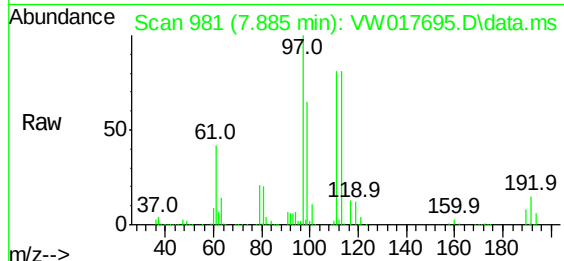
#935 (-)
Dibromofluoromethane
Concen: 48.00 ug/l
RT: 7.885 min Scan# 981
Delta R.T. 0.001 min
Lab File: VW017695.D
Acq: 22 Dec 2020 10:26

Tgt Ion: 113 Resp: 130700
Ion Ratio Lower Upper
113 100
111 103.5 81.4 122.2
192 18.2 17.8 26.8

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

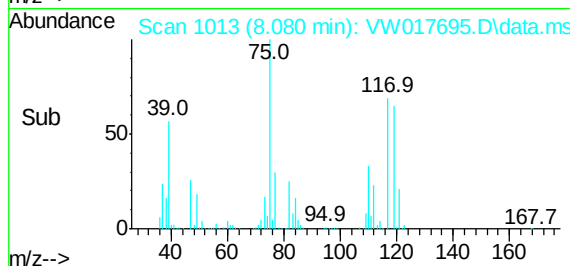
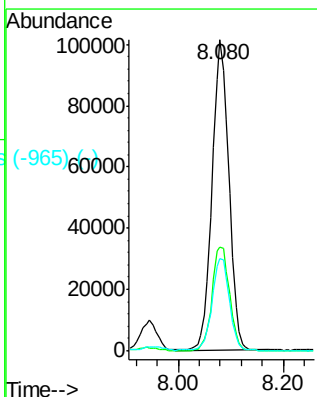
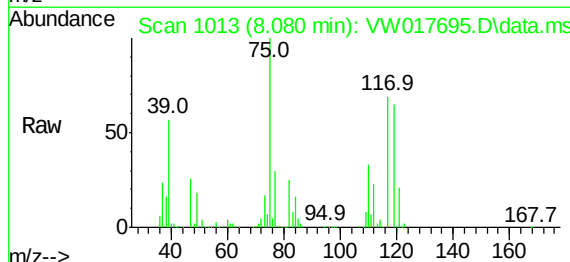
Manual Integrations
APPROVED

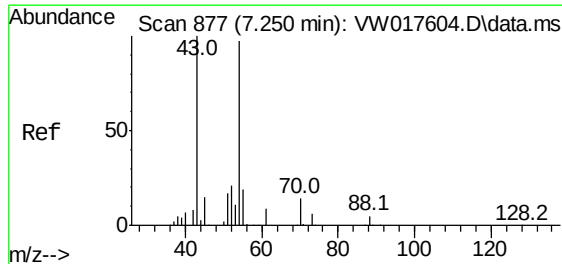
MMDadoda
12/23/2020 3:25:28 PM



#931 (-)
1,1-Dichloropropene
Concen: 52.29 ug/l
RT: 8.080 min Scan# 1013
Delta R.T. -0.006 min
Lab File: VW017695.D
Acq: 22 Dec 2020 10:26

Tgt Ion: 75 Resp: 225247
Ion Ratio Lower Upper
75 100
110 34.6 19.3 57.9
77 30.6 25.0 37.6





Ethyl Acetate
Concen: 41.77 ug/l
RT: 7.251 min Scan# 877
Delta R.T. 0.001 min
Lab File: VW017695.D
Acq: 22 Dec 2020 10:26

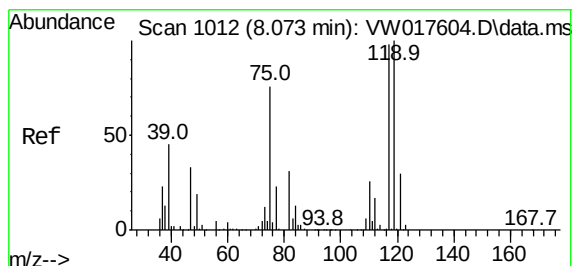
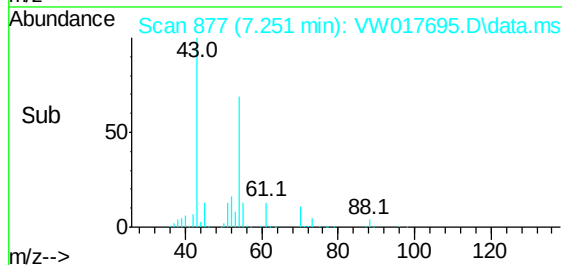
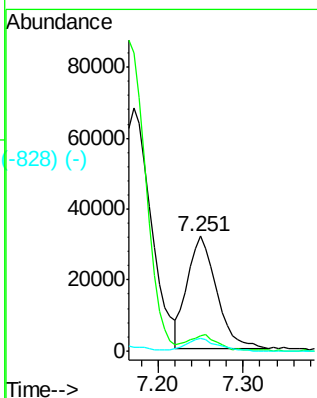
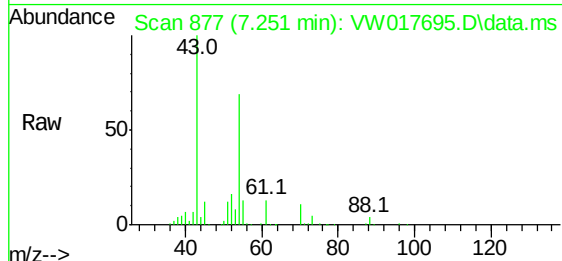
Tgt Ion: 43 Resp: 75204

Ion	Ratio	Lower	Upper
43	100		
61	13.8	12.0	18.0
70	11.2	9.9	14.9

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

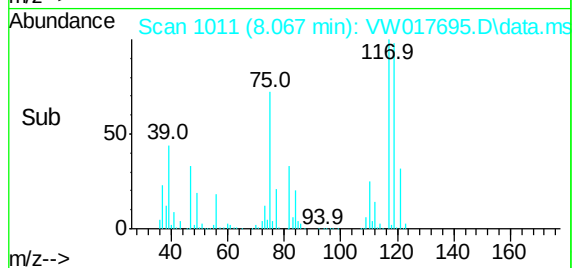
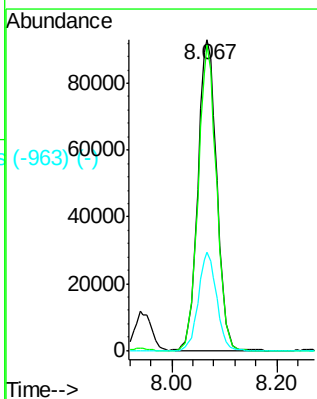
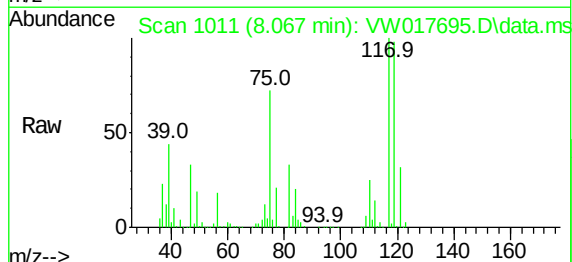
MMDadoda
12/23/2020 3:25:28 PM

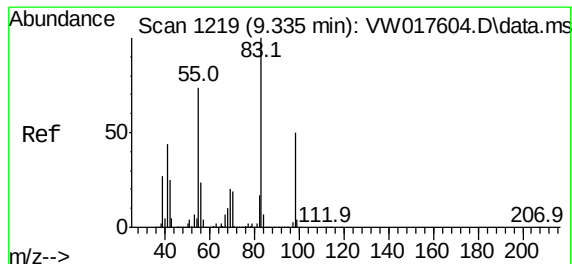


Carbon Tetrachloride
Concen: 53.04 ug/l
RT: 8.067 min Scan# 1011
Delta R.T. -0.006 min
Lab File: VW017695.D
Acq: 22 Dec 2020 10:26

Tgt Ion: 117 Resp: 229641

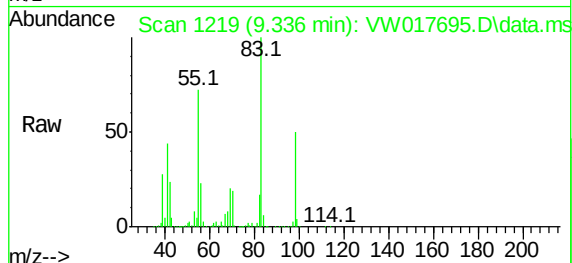
Ion	Ratio	Lower	Upper
117	100		
119	98.3	81.6	122.4
121	31.7	25.7	38.5





#1219 (-)
Methylcyclohexane
Concen: 52.04 ug/l
RT: 9.336 min Scan# 1219
Delta R.T. 0.001 min
Lab File: VW017695.D
Acq: 22 Dec 2020 10:26

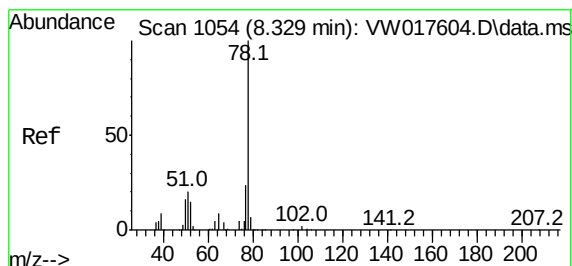
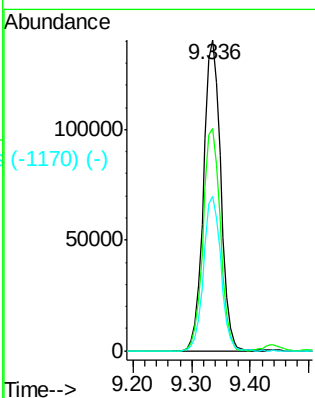
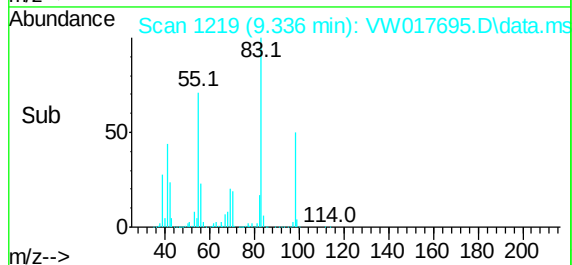
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 283992
Ion Ratio Lower Upper
83 100
55 71.5 51.7 77.5
98 49.5 41.0 61.4

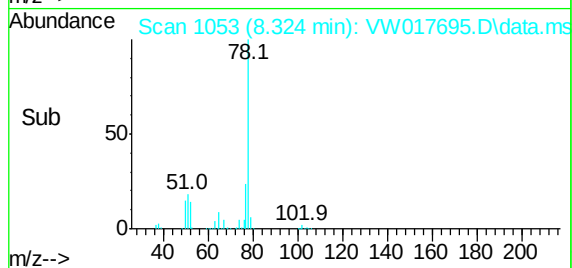
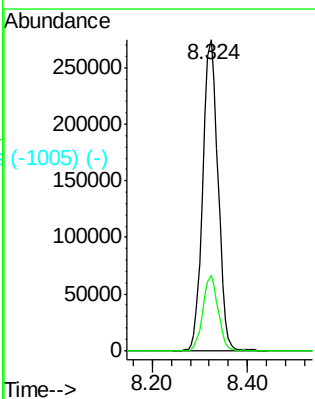
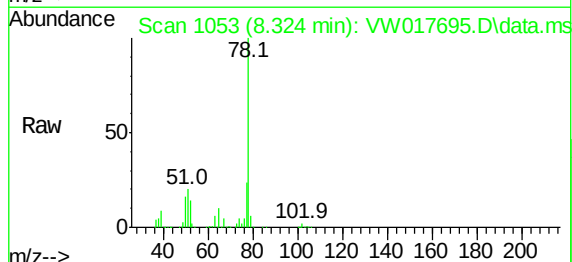
Manual Integrations
APPROVED

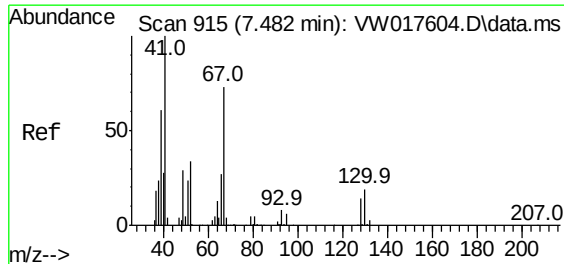
MMDadoda
12/23/2020 3:25:28 PM



#1053 (-)
Benzene
Concen: 52.88 ug/l
RT: 8.324 min Scan# 1053
Delta R.T. -0.005 min
Lab File: VW017695.D
Acq: 22 Dec 2020 10:26

Tgt Ion: 78 Resp: 603465
Ion Ratio Lower Upper
78 100
77 24.2 18.5 27.7





Methacrylonitrile
Concen: 44.06 ug/l
RT: 7.482 min Scan# 915
Delta R.T. 0.000 min
Lab File: VW017695.D
Acq: 22 Dec 2020 10:26

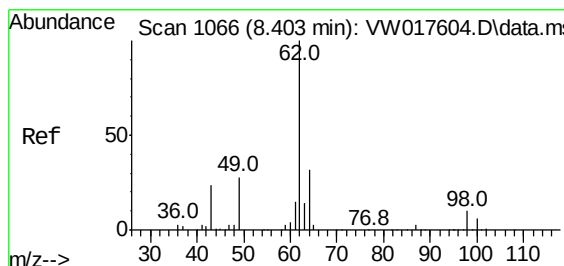
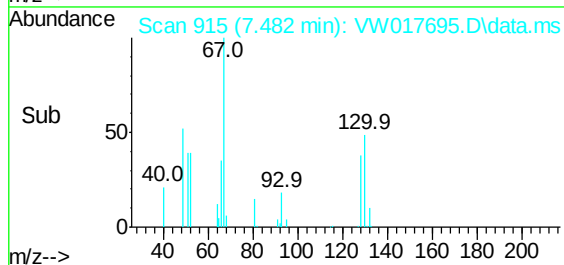
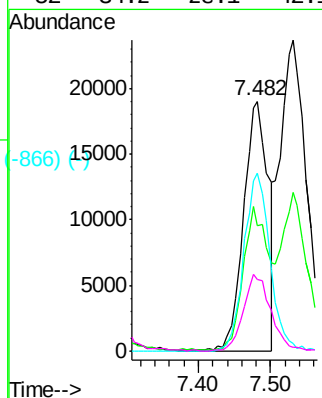
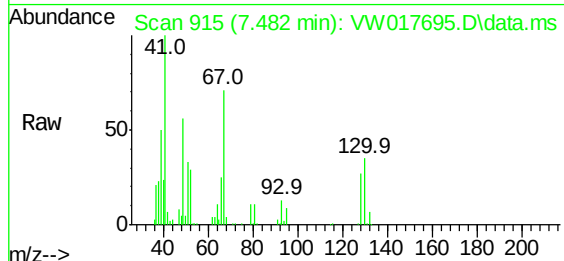
Tgt Ion: 41 Resp: 44811

Ion	Ratio	Lower	Upper
41	100		
39	61.8	47.0	70.6
67	75.9	68.6	102.8
52	34.2	28.1	42.1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

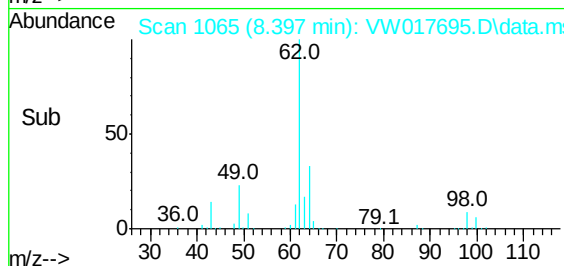
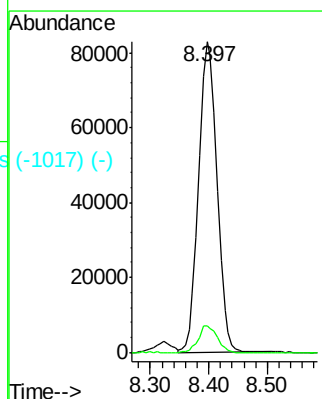
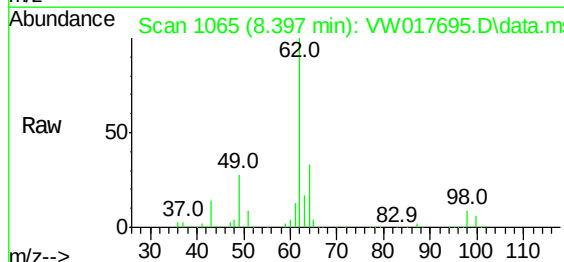
MMDadoda
12/23/2020 3:25:28 PM

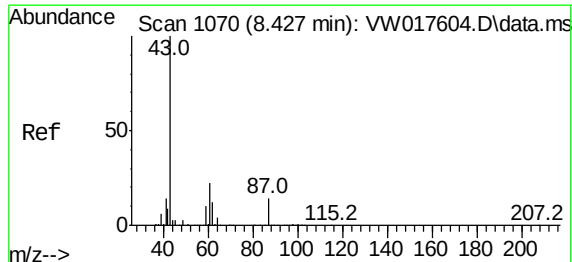


1,2-Dichloroethane
Concen: 52.03 ug/l
RT: 8.397 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW017695.D
Acq: 22 Dec 2020 10:26

Tgt Ion: 62 Resp: 180818

Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	21.0



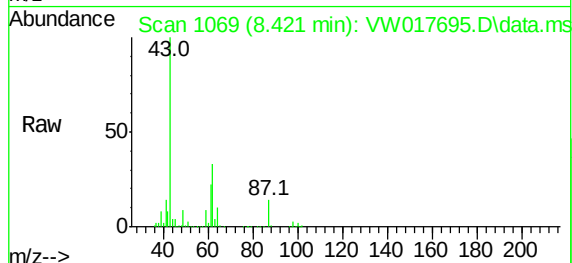


(#1061) (-)
Isopropyl Acetate
Concen: 46.49 ug/l
RT: 8.421 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VW017695.D
Acq: 22 Dec 2020 10:26

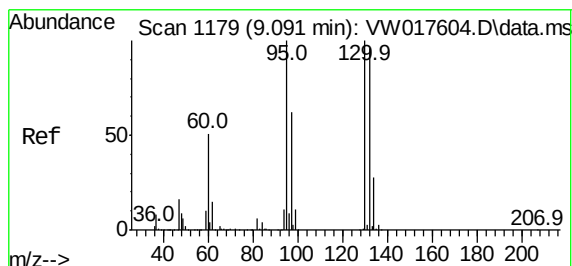
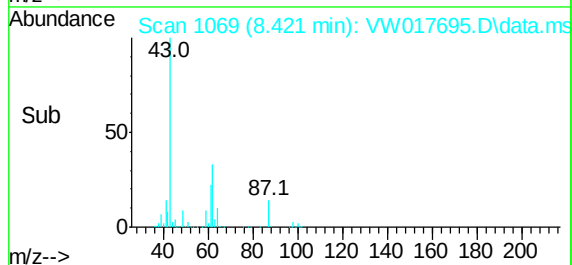
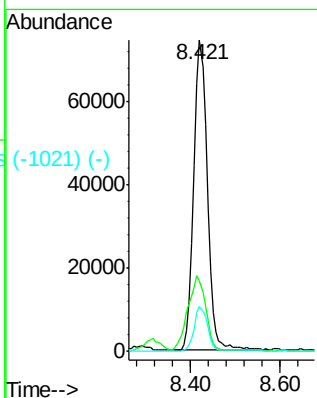
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
12/23/2020 3:25:28 PM

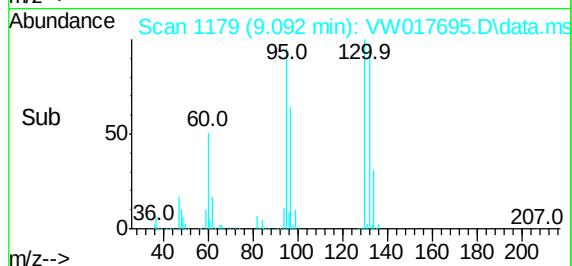
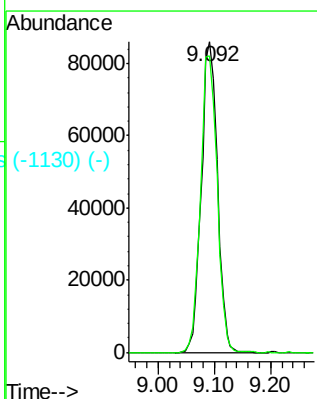
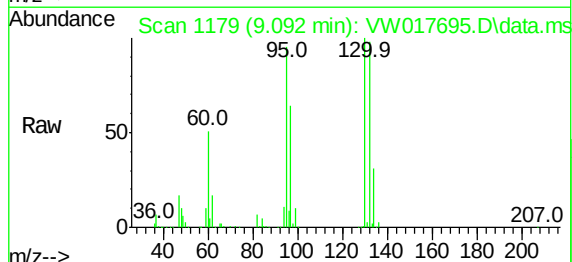


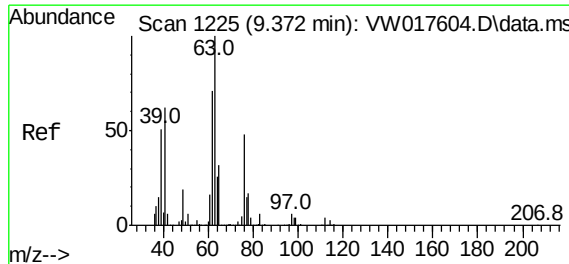
Tgt Ion: 43 Resp: 157047
Ion Ratio Lower Upper
43 100
61 31.3 27.5 41.3
87 14.1 13.6 20.4



(#1169) (-)
Trichloroethene
Concen: 53.66 ug/l
RT: 9.092 min Scan# 1179
Delta R.T. 0.001 min
Lab File: VW017695.D
Acq: 22 Dec 2020 10:26

Tgt Ion:130 Resp: 168926
Ion Ratio Lower Upper
130 100
95 95.4 0.0 180.2



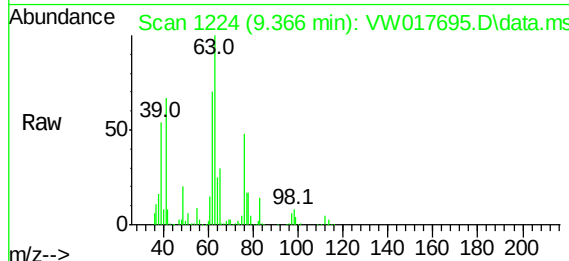


(#113) (-)
1,2-Dichloropropane
Concen: 51.59 ug/l
RT: 9.366 min Scan# 1224
Delta R.T. -0.006 min
Lab File: VW017695.D
Acq: 22 Dec 2020 10:26

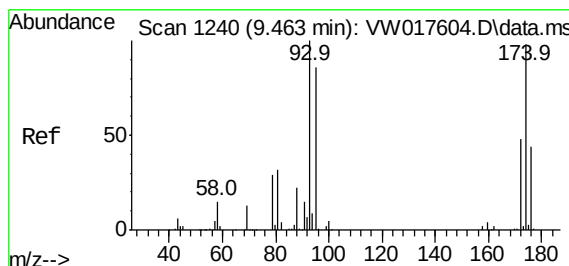
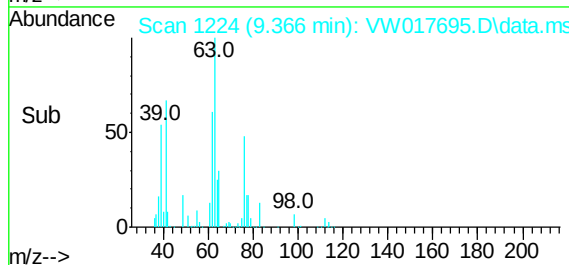
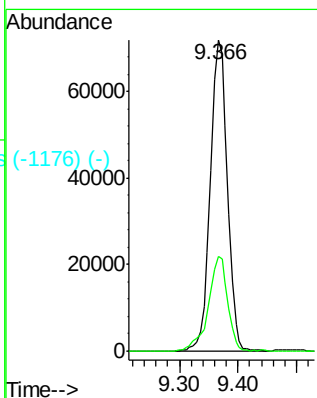
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
12/23/2020 3:25:28 PM

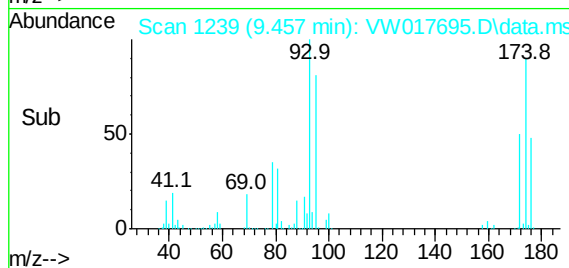
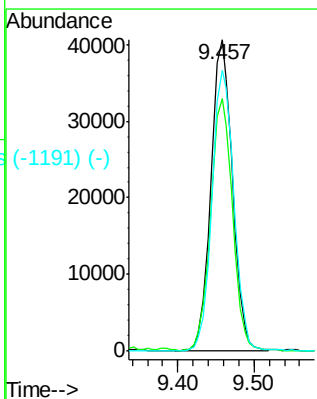
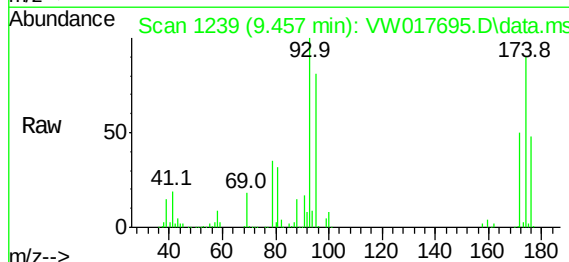


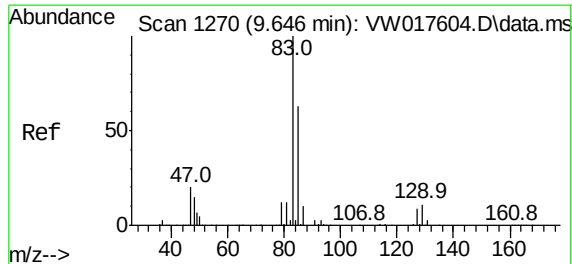
Tgt Ion: 63 Resp: 145300
Ion Ratio Lower Upper
63 100
65 30.3 25.1 37.7



(#112) (-)
Dibromomethane
Concen: 50.49 ug/l
RT: 9.457 min Scan# 1239
Delta R.T. -0.006 min
Lab File: VW017695.D
Acq: 22 Dec 2020 10:26

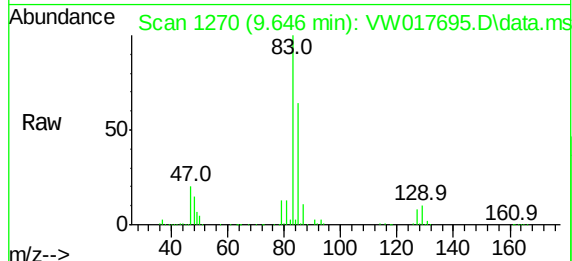
Tgt Ion: 93 Resp: 79565
Ion Ratio Lower Upper
93 100
95 82.7 66.5 99.7
174 91.8 91.0 136.6





(#1258) (-)
Bromodichloromethane
Concen: 52.34 ug/l
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW017695.D
Acq: 22 Dec 2020 10:26

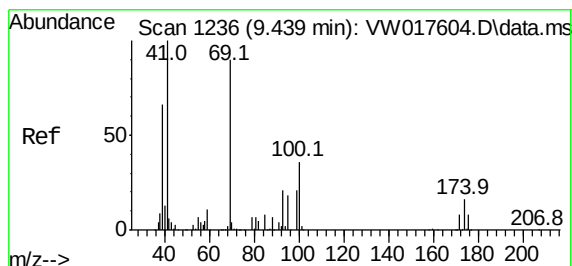
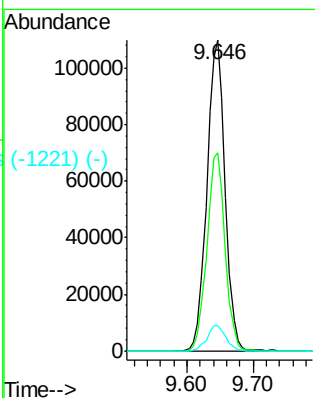
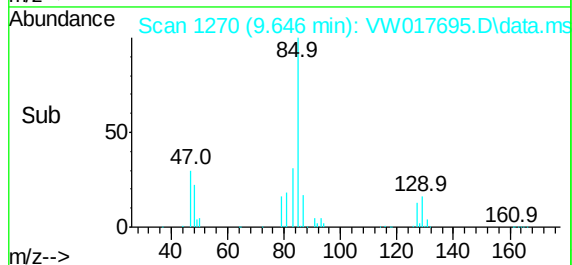
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050



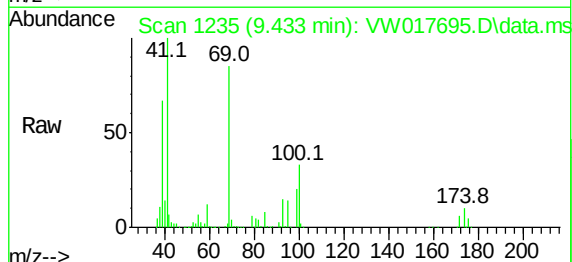
Tgt Ion: 83 Resp: 210169
Ion Ratio Lower Upper
83 100
85 63.9 52.7 79.1
127 8.1 7.8 11.6

Manual Integrations
APPROVED

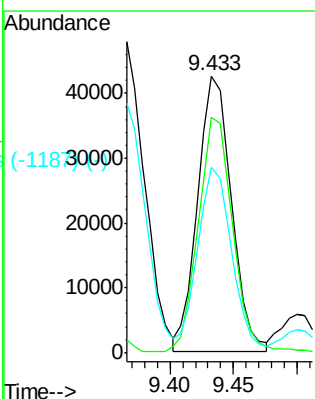
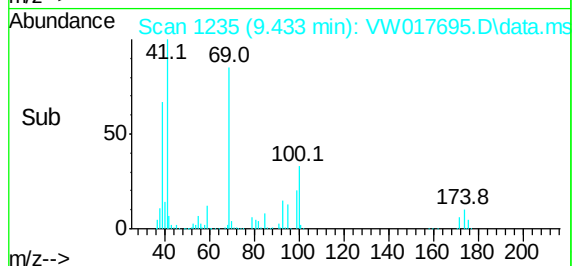
MMDadoda
12/23/2020 3:25:28 PM

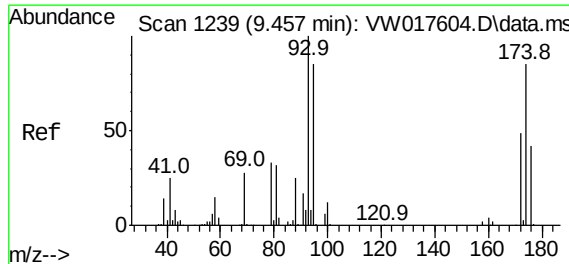


(#1230) (-)
Methyl methacrylate
Concen: 46.23 ug/l
RT: 9.433 min Scan# 1235
Delta R.T. -0.006 min
Lab File: VW017695.D
Acq: 22 Dec 2020 10:26



Tgt Ion: 41 Resp: 76609
Ion Ratio Lower Upper
41 100
69 87.4 83.5 125.3
39 63.2 50.9 76.3



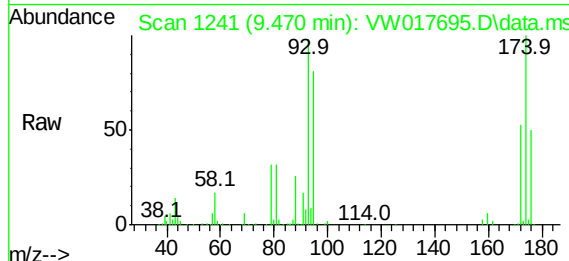


#1239 (-)
1,4-Dioxane
Concen: 1012.75 ug/l
RT: 9.470 min Scan# 1241
Delta R.T. 0.013 min
Lab File: VW017695.D
Acq: 22 Dec 2020 10:26

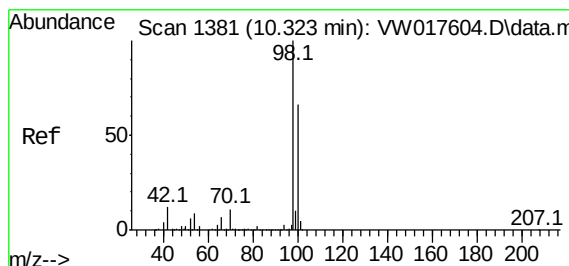
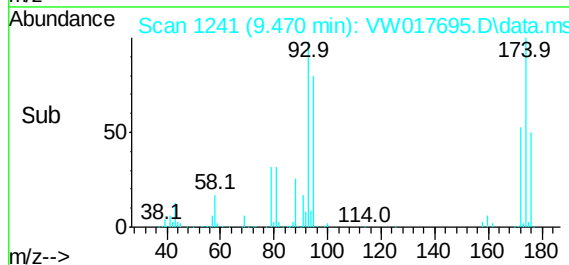
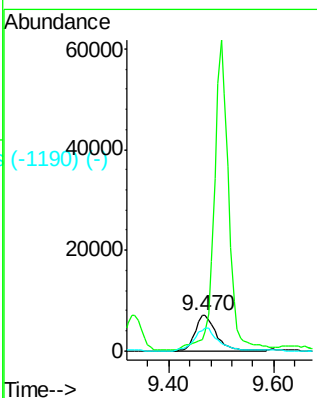
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
12/23/2020 3:25:28 PM

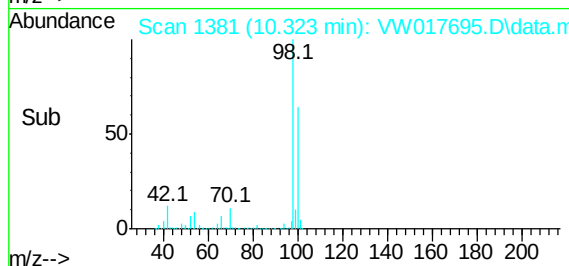
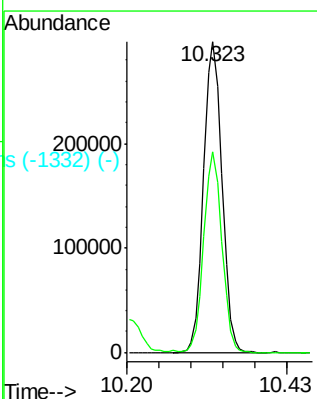
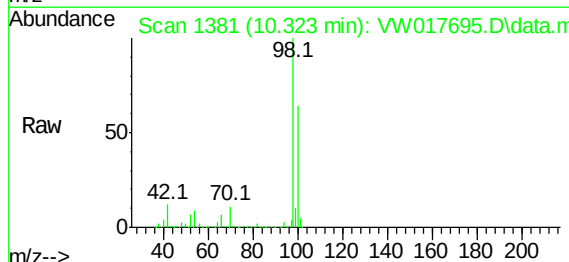


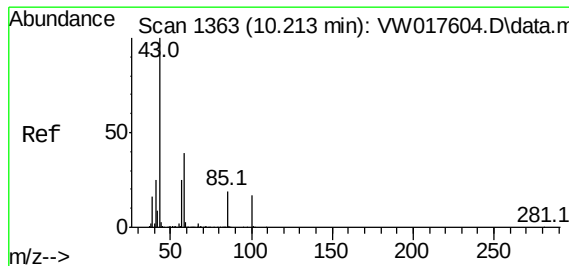
Tgt Ion: 88 Resp: 19740
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 70.3 54.0 81.0



#1381 (-)
To Luene-d8
Concen: 49.41 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VW017695.D
Acq: 22 Dec 2020 10:26

Tgt Ion: 98 Resp: 523864
Ion Ratio Lower Upper
98 100
100 63.4 53.3 79.9





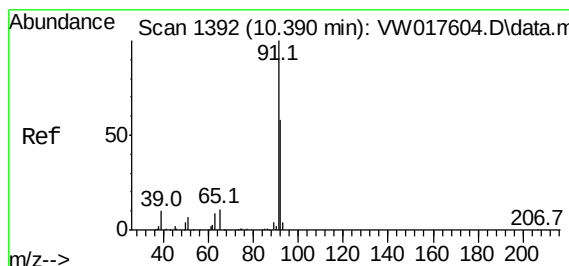
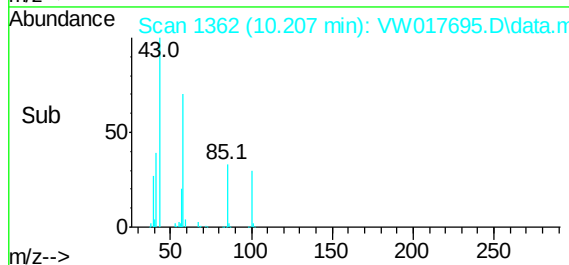
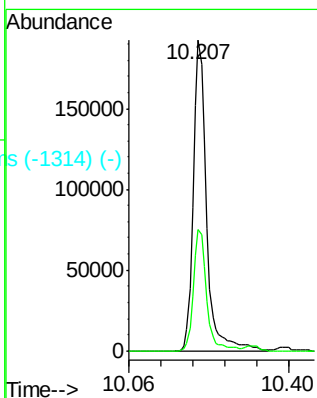
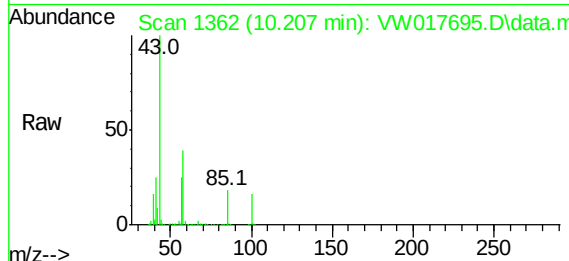
#51353 (-)
4-Methyl-2-Pentanone
Concen: 221.03 ug/l
RT: 10.207 min Scan# 1362
Delta R.T. -0.006 min
Lab File: VW017695.D
Acq: 22 Dec 2020 10:26

Tgt Ion: 43 Resp: 371578
Ion Ratio Lower Upper
43 100
58 39.0 34.7 52.1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

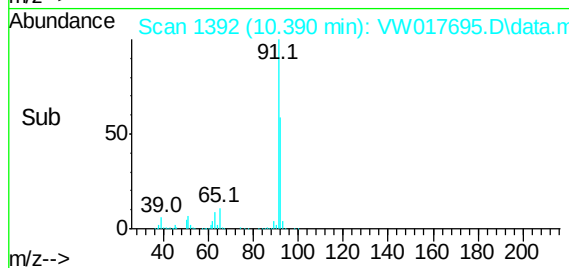
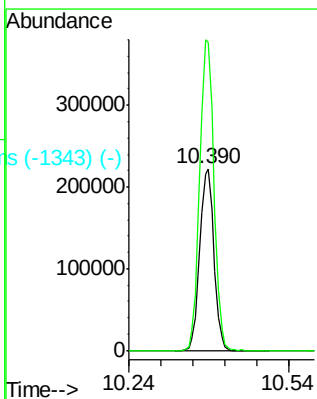
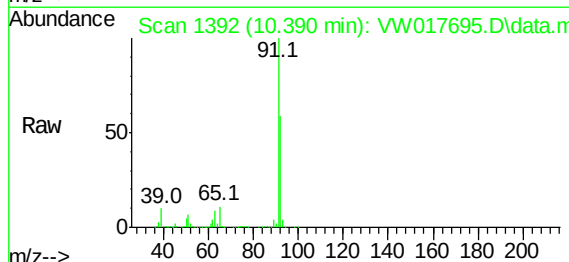
Manual Integrations
APPROVED

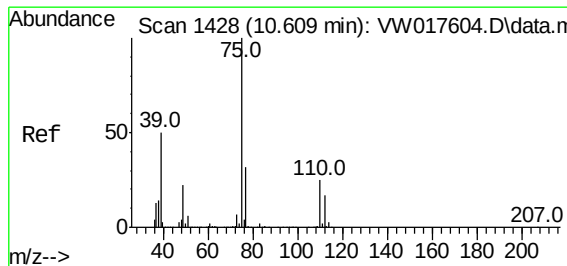
MMDadoda
12/23/2020 3:25:28 PM



#51383 (-)
To Luene
Concen: 53.27 ug/l
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW017695.D
Acq: 22 Dec 2020 10:26

Tgt Ion: 92 Resp: 397578
Ion Ratio Lower Upper
92 100
91 172.9 134.7 202.1





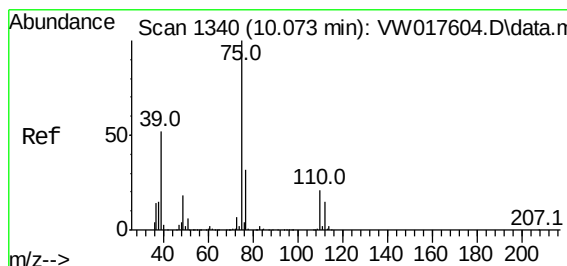
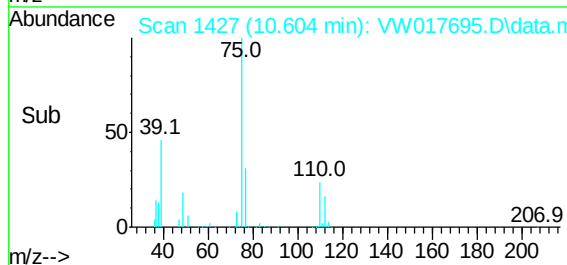
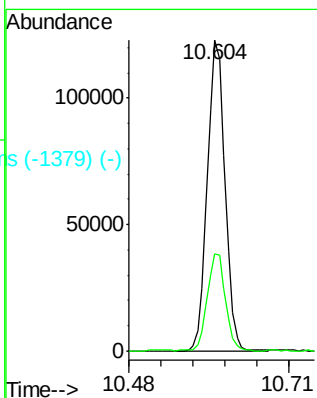
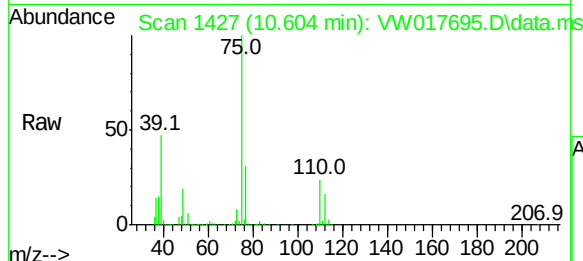
#53
t-1,3-Dichloropropene
Concen: 50.23 ug/l
RT: 10.604 min Scan# 1427
Delta R.T. -0.005 min
Lab File: VW017695.D
Acq: 22 Dec 2020 10:26

Tgt Ion: 75 Resp: 206448
Ion Ratio Lower Upper
75 100
77 31.3 24.8 37.2

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

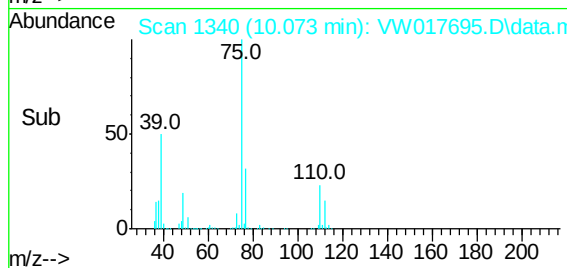
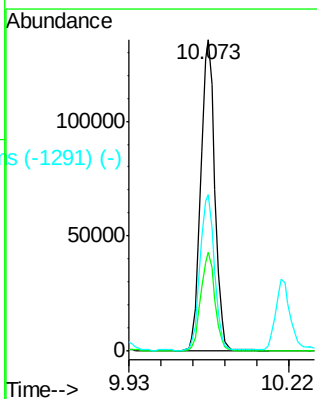
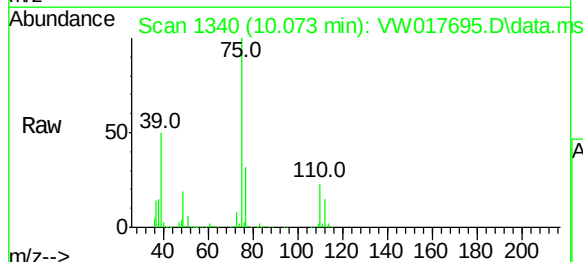
Manual Integrations
APPROVED

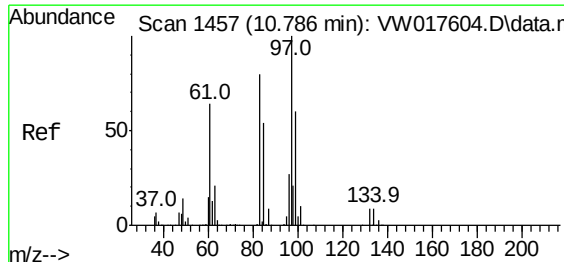
MMDadoda
12/23/2020 3:25:28 PM



#54
cis-1,3-Dichloropropene
Concen: 50.84 ug/l
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW017695.D
Acq: 22 Dec 2020 10:26

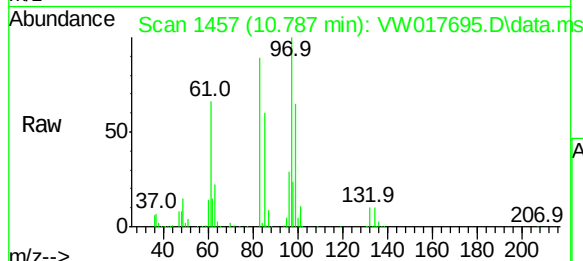
Tgt Ion: 75 Resp: 241615
Ion Ratio Lower Upper
75 100
77 31.5 25.8 38.6
39 50.0 32.9 49.3#





#5450 (-)
1,1,2-Trichloroethane
Concen: 50.44 ug/l
RT: 10.787 min Scan# 1457
Delta R.T. 0.001 min
Lab File: VW017695.D
Acq: 22 Dec 2020 10:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

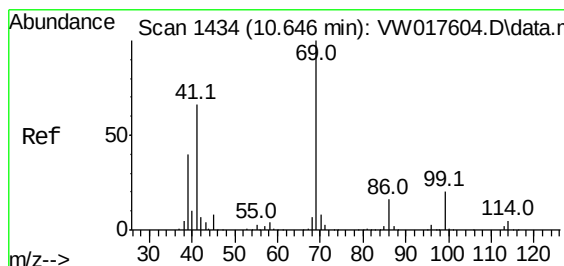
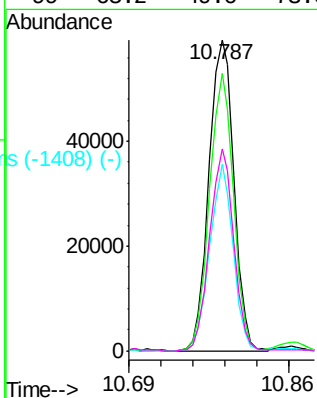
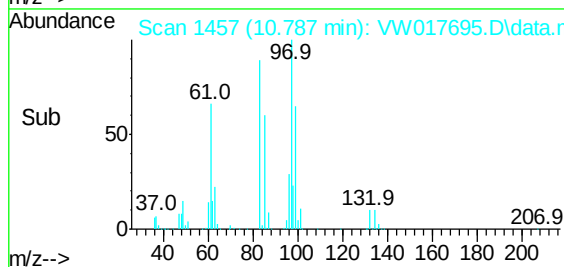


Tgt Ion: 97 Resp: 106288

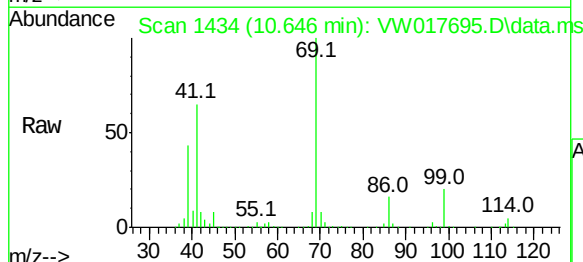
Ion	Ratio	Lower	Upper
97	100		
83	89.1	64.6	97.0
85	60.2	40.6	61.0
99	65.2	49.0	73.6

Manual Integrations
APPROVED

MMDadoda
12/23/2020 3:25:28 PM

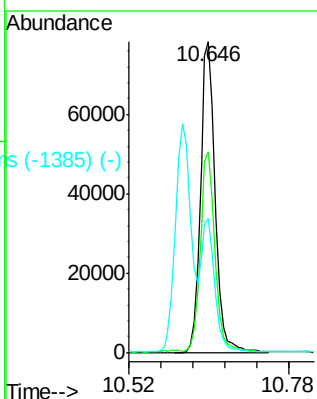
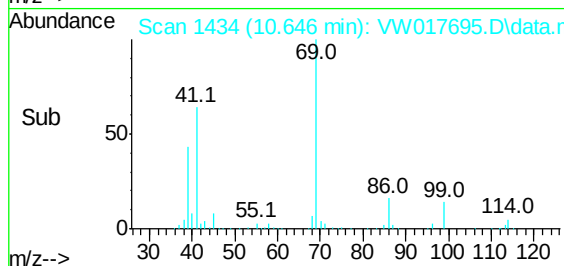


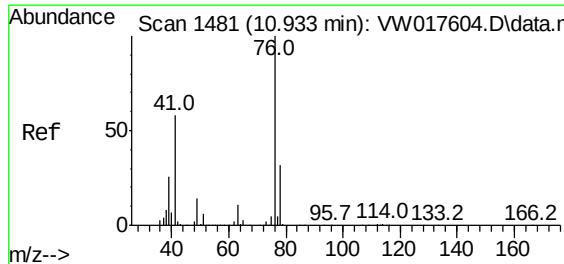
#5423 (-)
Ethyl methacrylate
Concen: 48.84 ug/l
RT: 10.646 min Scan# 1434
Delta R.T. 0.000 min
Lab File: VW017695.D
Acq: 22 Dec 2020 10:26



Tgt Ion: 69 Resp: 132970

Ion	Ratio	Lower	Upper
69	100		
41	64.0	46.3	69.5
39	39.4	25.9	38.9#





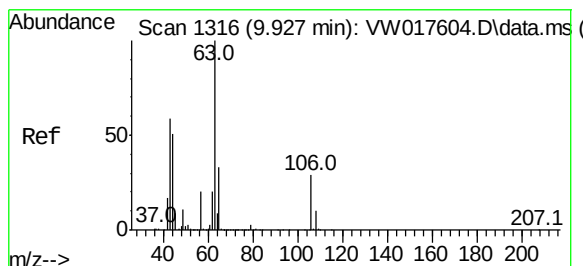
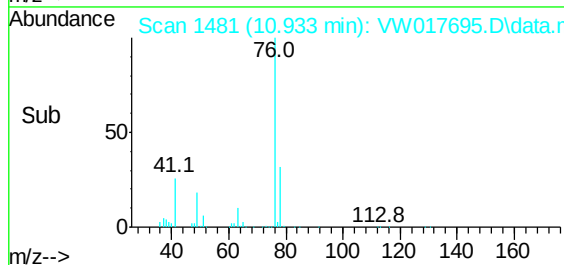
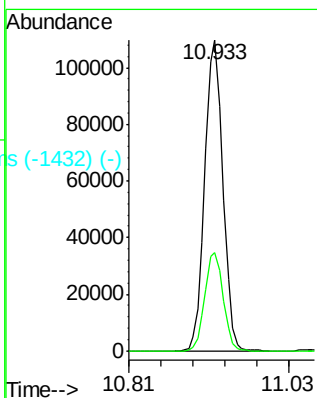
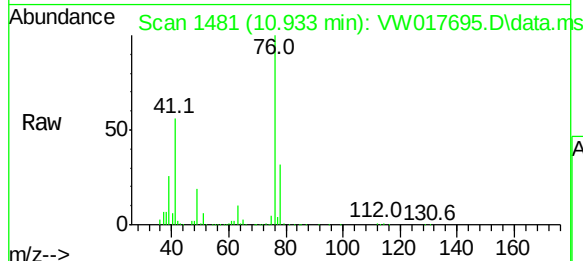
1,3-Dichloropropane
Concen: 50.98 ug/l
RT: 10.933 min Scan# 1481
Delta R.T. -0.000 min
Lab File: VW017695.D
Acq: 22 Dec 2020 10:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 189785
Ion Ratio Lower Upper
76 100
78 32.1 26.0 39.0

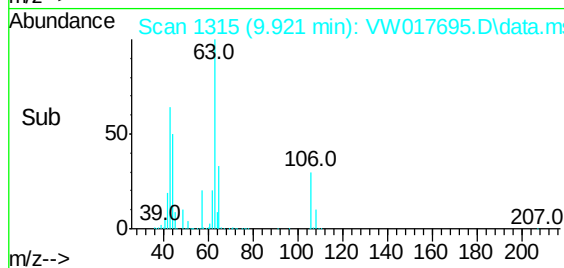
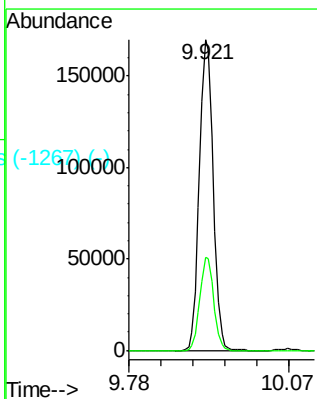
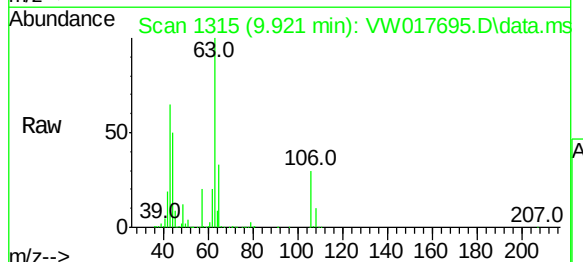
Manual Integrations
APPROVED

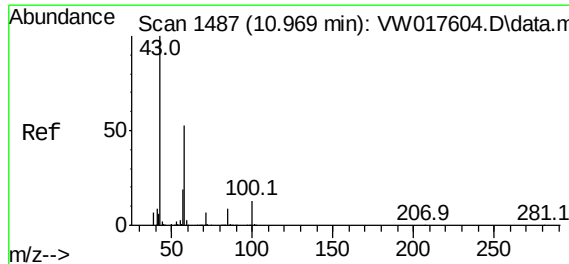
MMDadoda
12/23/2020 3:25:28 PM



2-Chloroethyl Vinyl ether
Concen: 229.26 ug/l
RT: 9.921 min Scan# 1315
Delta R.T. -0.006 min
Lab File: VW017695.D
Acq: 22 Dec 2020 10:26

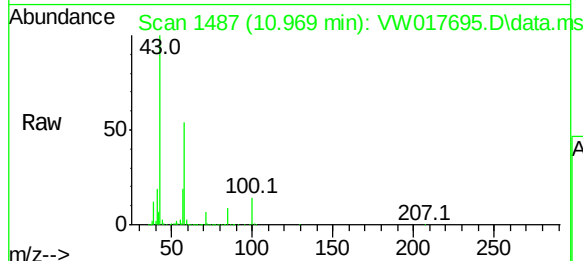
Tgt Ion: 63 Resp: 298386
Ion Ratio Lower Upper
63 100
106 29.8 27.0 40.4





#59
2-Hexanone
Concen: 235.67 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW017695.D
Acq: 22 Dec 2020 10:26

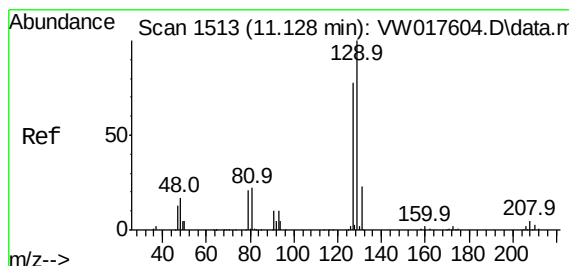
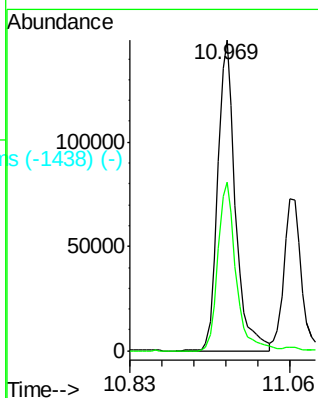
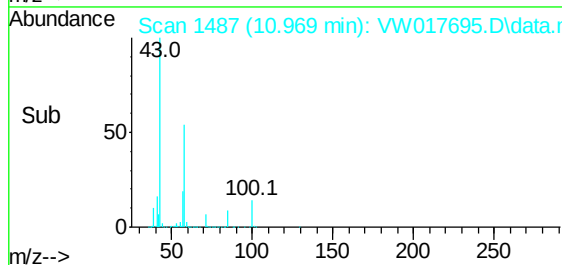
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 265076
Ion Ratio Lower Upper
43 100
58 55.5 29.5 88.5

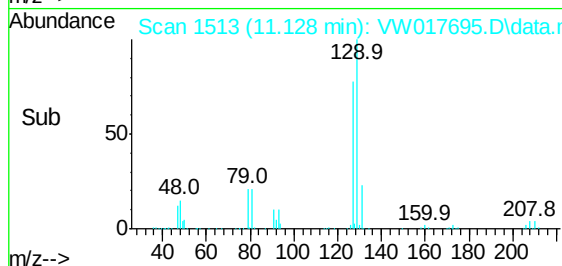
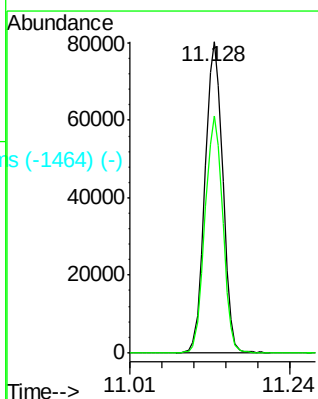
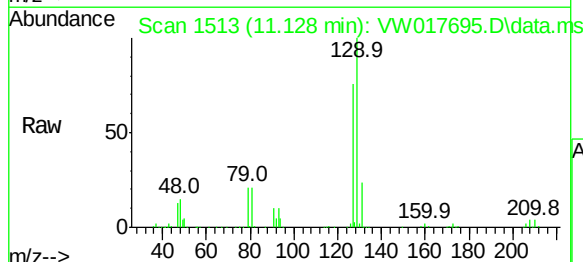
Manual Integrations
APPROVED

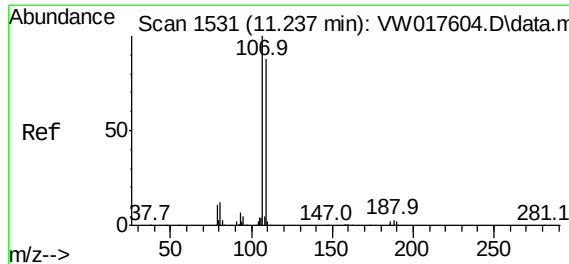
MMDadoda
12/23/2020 3:25:28 PM



#60
Dibromochloromethane
Concen: 53.54 ug/l
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW017695.D
Acq: 22 Dec 2020 10:26

Tgt Ion: 129 Resp: 141173
Ion Ratio Lower Upper
129 100
127 76.3 38.9 116.6





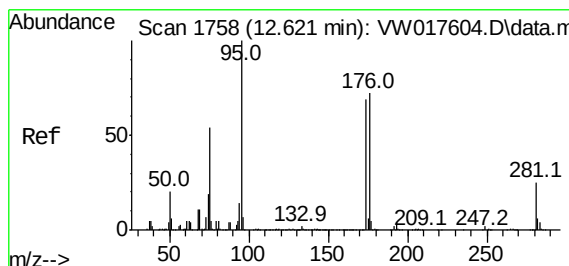
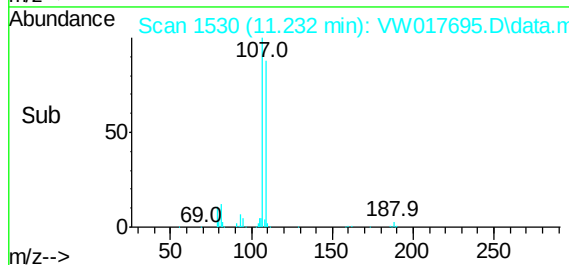
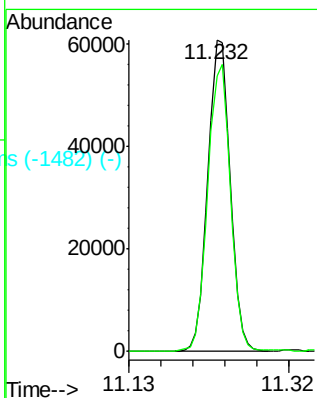
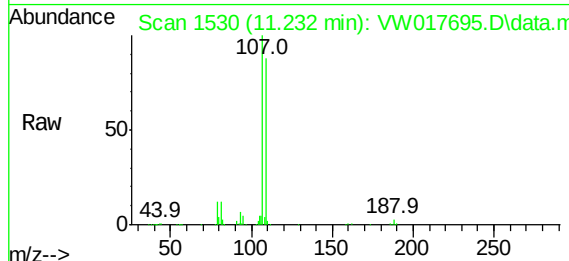
#61522 (-)
 1,2-Dibromoethane
 Concen: 51.64 ug/l
 RT: 11.232 min Scan# 1530
 Delta R.T. -0.005 min
 Lab File: VW017695.D
 Acq: 22 Dec 2020 10:26

Tgt Ion: 107 Resp: 107546
 Ion Ratio Lower Upper
 107 100
 109 93.7 74.7 112.1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

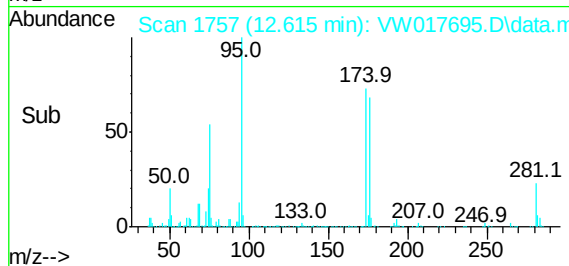
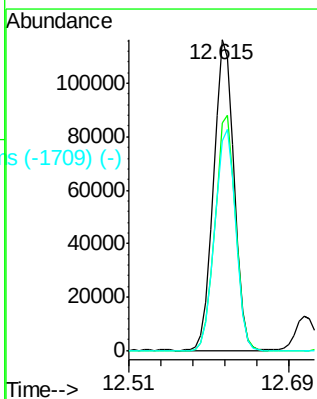
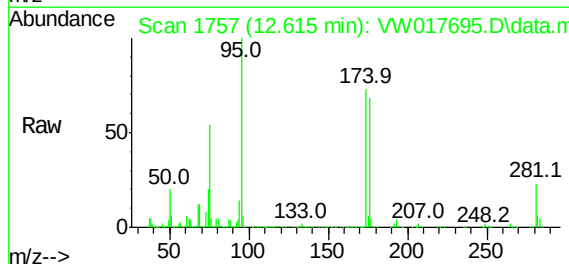
Manual Integrations
 APPROVED

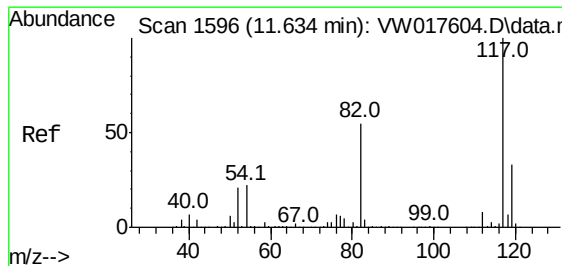
MMDadoda
 12/23/2020 3:25:28 PM



#62749 (-)
 4-Bromofluorobenzene
 Concen: 50.29 ug/l
 RT: 12.615 min Scan# 1757
 Delta R.T. -0.006 min
 Lab File: VW017695.D
 Acq: 22 Dec 2020 10:26

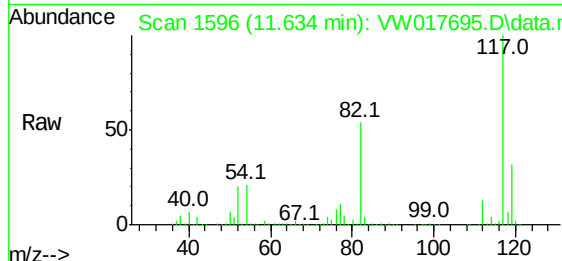
Tgt Ion: 95 Resp: 190374
 Ion Ratio Lower Upper
 95 100
 174 76.1 0.0 180.6
 176 73.0 0.0 177.6





#6386 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW017695.D
Acq: 22 Dec 2020 10:26

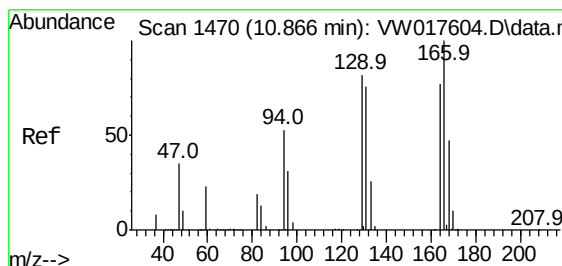
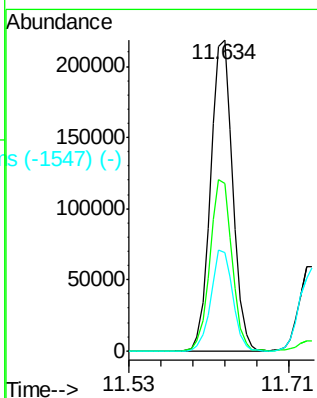
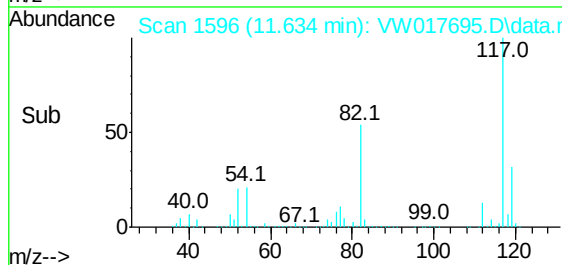
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050



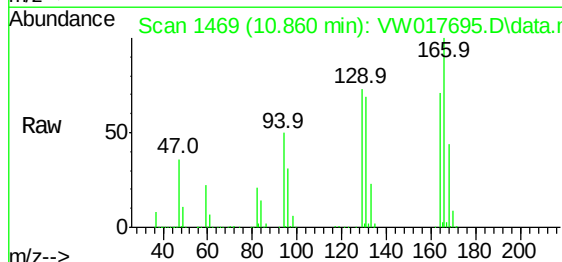
Tgt Ion:117 Resp: 372422
Ion Ratio Lower Upper
117 100
82 53.8 40.7 61.1
119 31.8 25.0 37.4

Manual Integrations
APPROVED

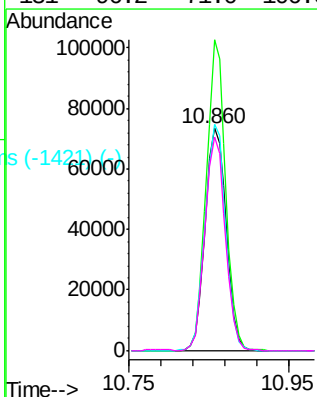
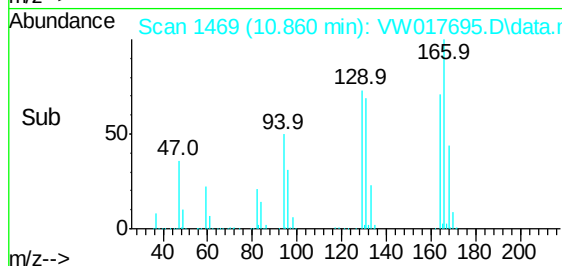
MMDadoda
12/23/2020 3:25:28 PM

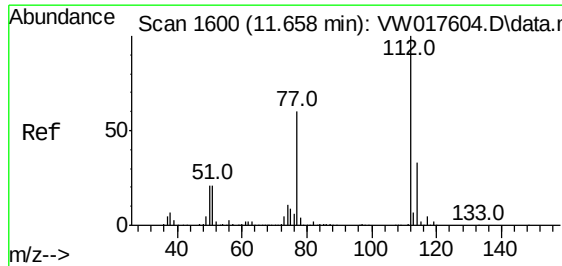


#6461 (-)
Tetrachloroethene
Concen: 52.65 ug/l
RT: 10.860 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW017695.D
Acq: 22 Dec 2020 10:26



Tgt Ion:164 Resp: 133721
Ion Ratio Lower Upper
164 100
166 140.1 105.3 157.9
129 101.8 68.8 103.2
131 96.2 71.0 106.6





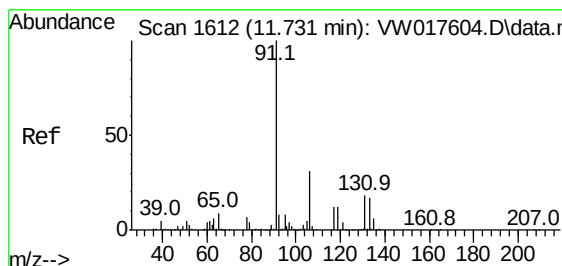
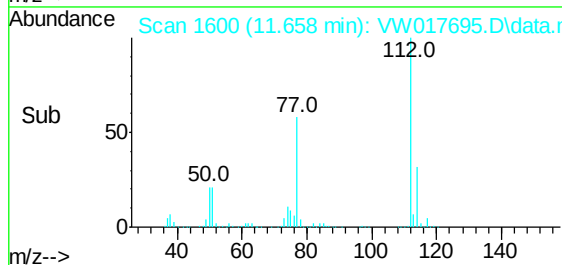
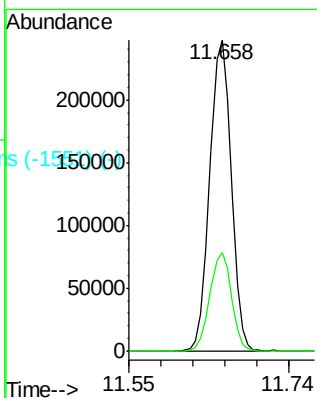
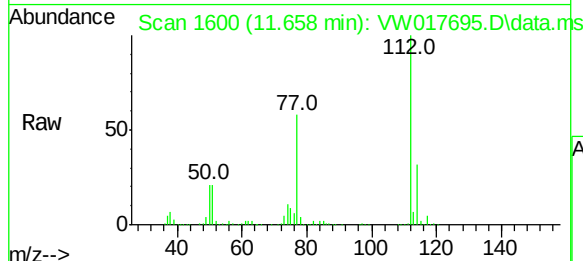
Chlorobenzene
Concen: 52.82 ug/l
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW017695.D
Acq: 22 Dec 2020 10:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 422959
Ion Ratio Lower Upper
112 100
114 31.6 25.3 37.9

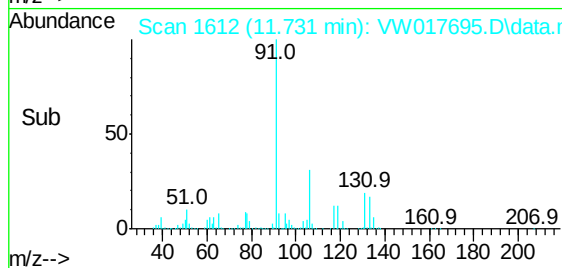
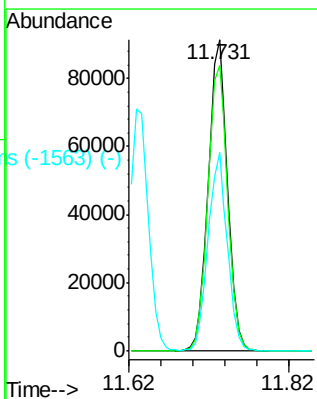
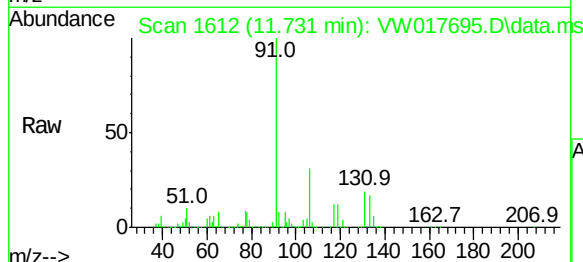
Manual Integrations
APPROVED

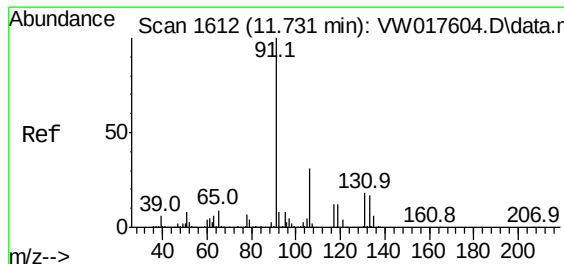
MMDadoda
12/23/2020 3:25:28 PM



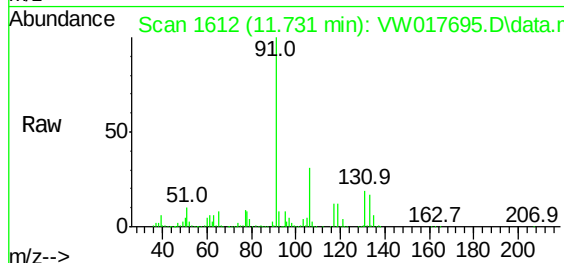
1,1,1,2-Tetrachloroethane
Concen: 53.65 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW017695.D
Acq: 22 Dec 2020 10:26

Tgt Ion:131 Resp: 152398
Ion Ratio Lower Upper
131 100
133 94.4 48.1 144.3
119 63.8 32.5 97.4

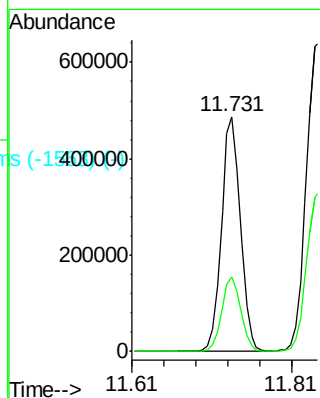
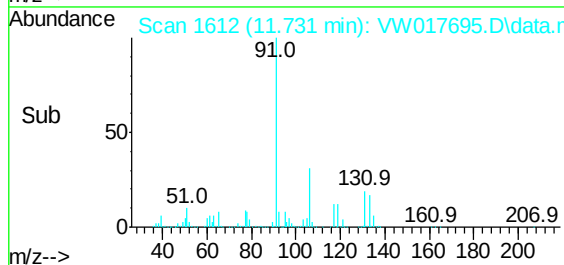




#67
Ethyl Benzene
Concen: 53.01 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: Vw017695.D
Acq: 22 Dec 2020 10:26



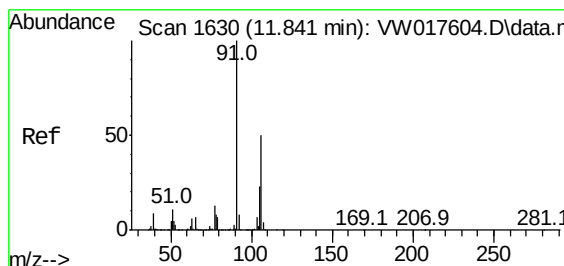
Tgt Ion: 91 Resp: 788590
Ion Ratio Lower Upper
91 100
106 31.5 25.9 38.9



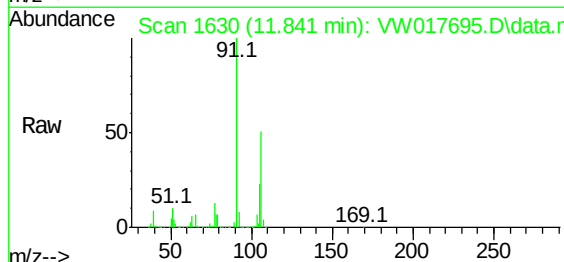
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

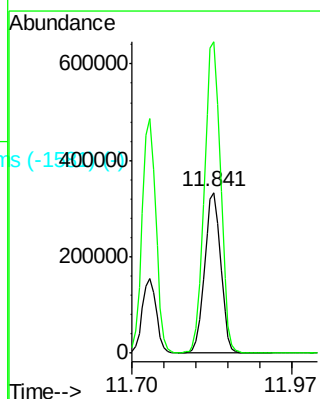
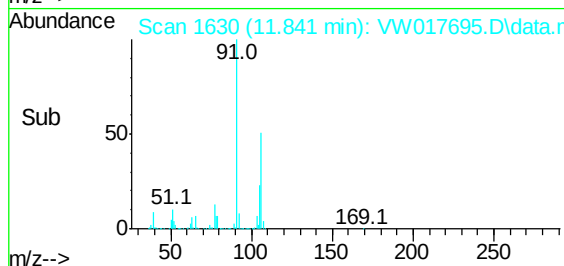
MMDadoda
12/23/2020 3:25:28 PM

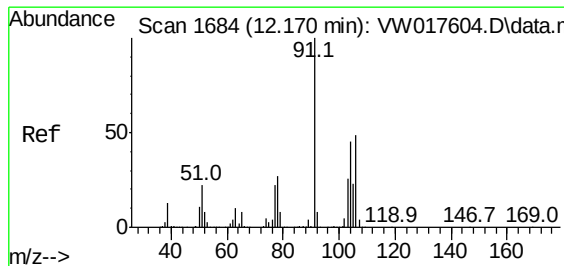


#68
m/p-Xylenes
Concen: 110.63 ug/l
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: Vw017695.D
Acq: 22 Dec 2020 10:26



Tgt Ion:106 Resp: 627593
Ion Ratio Lower Upper
106 100
91 196.5 157.4 236.0





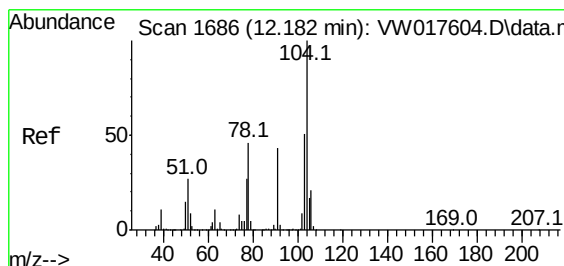
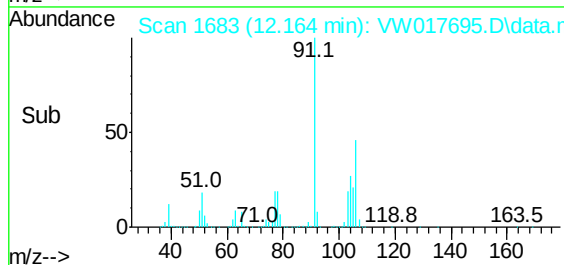
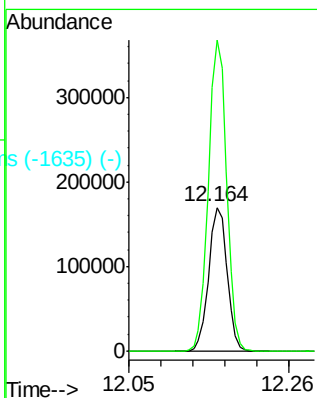
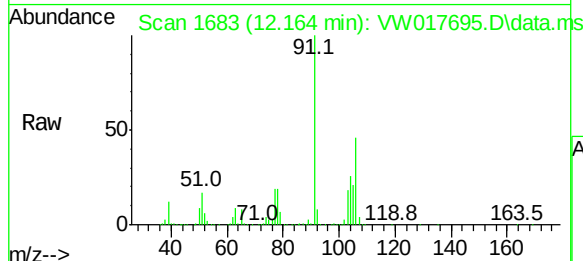
#68
o-Xylene
Concen: 52.82 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. -0.006 min
Lab File: Vw017695.D
Acq: 22 Dec 2020 10:26

Tgt Ion:106 Resp: 282586
Ion Ratio Lower Upper
106 100
91 215.4 103.6 310.9

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

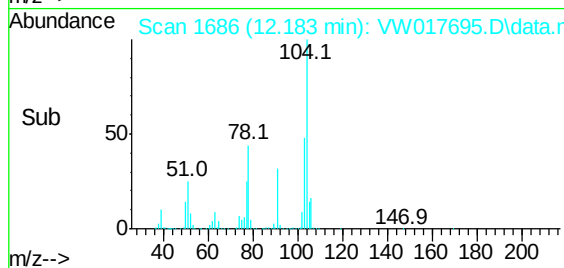
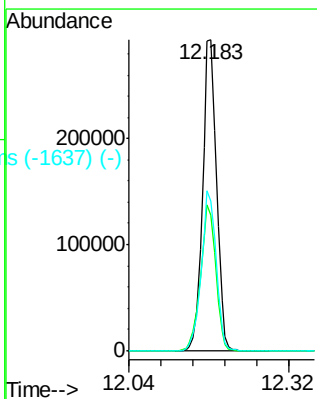
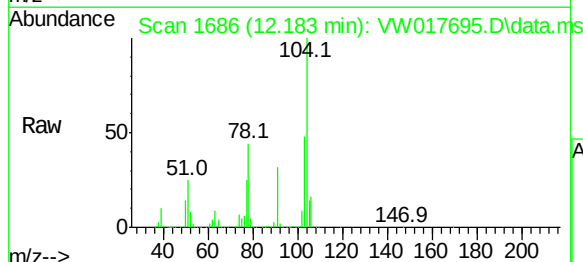
Manual Integrations
APPROVED

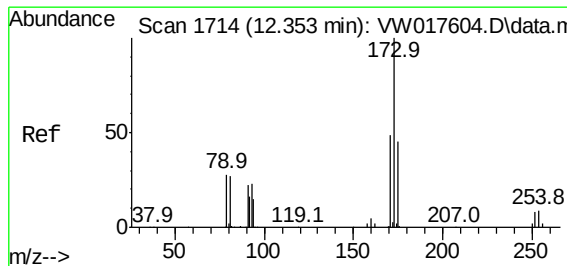
MMDadoda
12/23/2020 3:25:28 PM



#76
Styrene
Concen: 53.94 ug/l
RT: 12.183 min Scan# 1686
Delta R.T. 0.001 min
Lab File: Vw017695.D
Acq: 22 Dec 2020 10:26

Tgt Ion:104 Resp: 481980
Ion Ratio Lower Upper
104 100
78 50.9 37.6 56.4
103 54.5 43.6 65.4





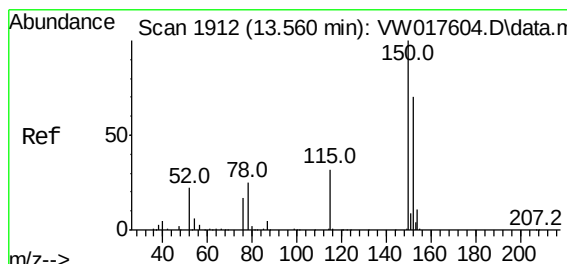
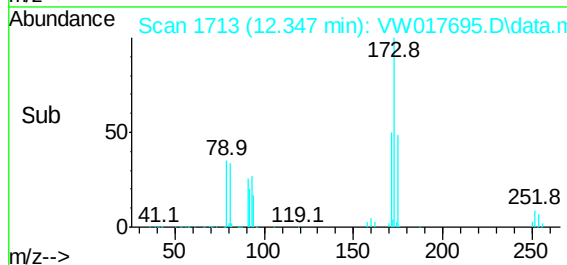
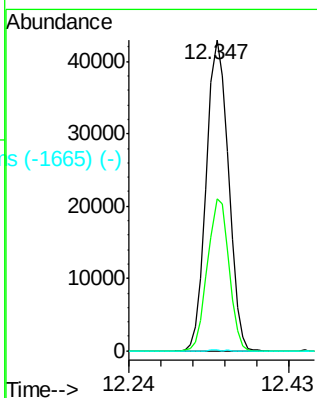
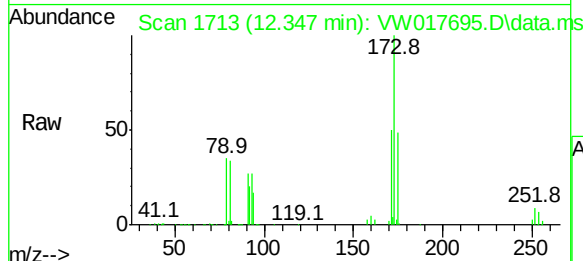
#1705 (-)
Bromoform
Concen: 49.69 ug/l
RT: 12.347 min Scan# 1713
Delta R.T. -0.006 min
Lab File: VW017695.D
Acq: 22 Dec 2020 10:26

Tgt Ion:173 Resp: 75438
Ion Ratio Lower Upper
173 100
175 47.3 24.7 74.1
254 0.1 0.1 0.1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

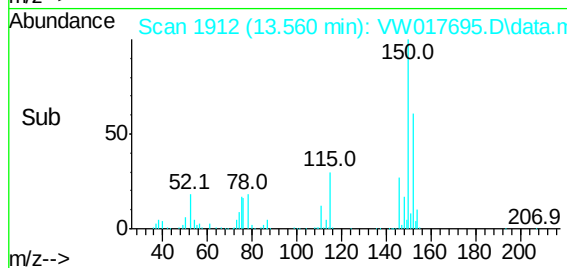
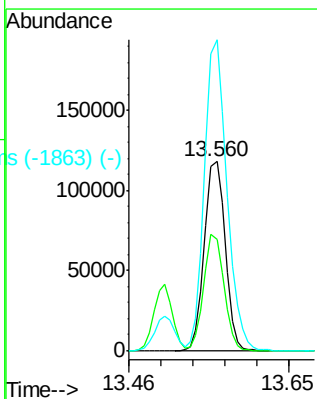
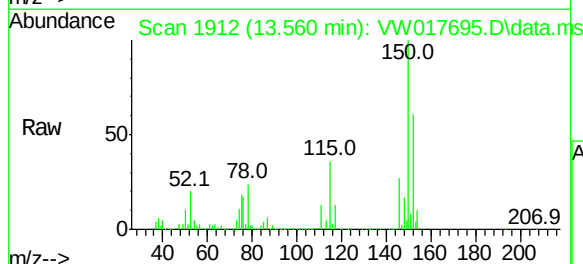
Manual Integrations
APPROVED

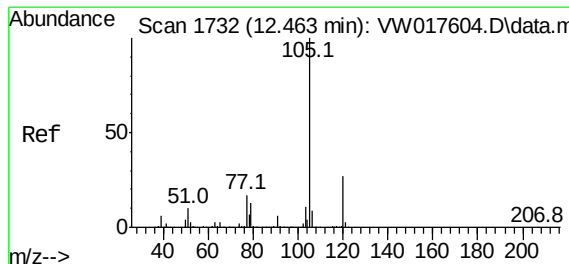
MMDadoda
12/23/2020 3:25:28 PM



#1904 (-)
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW017695.D
Acq: 22 Dec 2020 10:26

Tgt Ion:152 Resp: 193999
Ion Ratio Lower Upper
152 100
115 59.7 27.9 83.7
150 177.4 0.0 344.0



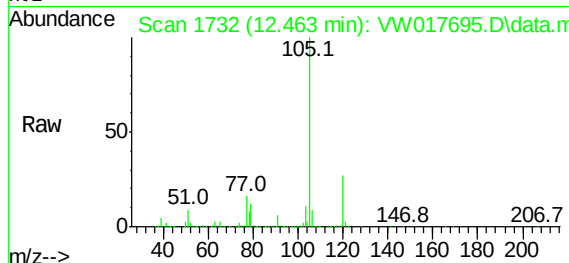


#7324 (-)
Isopropylbenzene
Concen: 52.67 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW017695.D
Acq: 22 Dec 2020 10:26

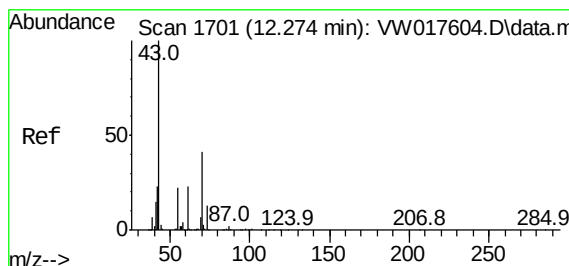
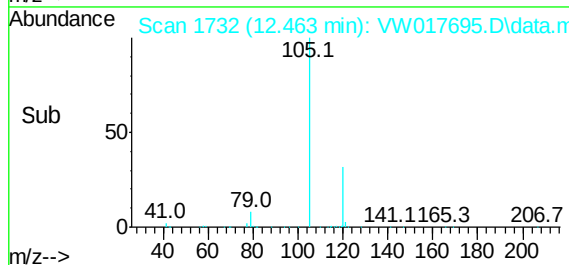
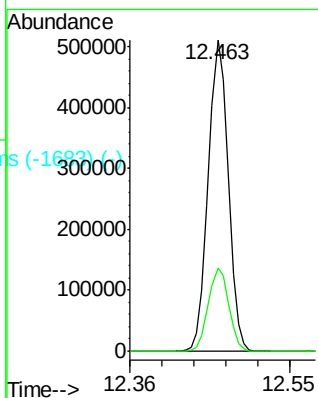
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
12/23/2020 3:25:28 PM

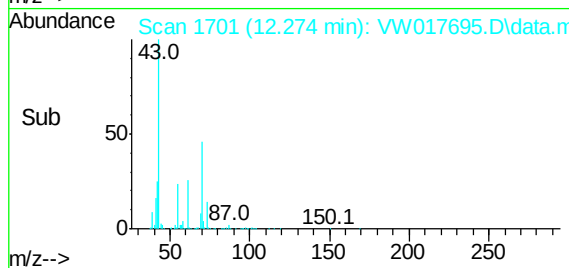
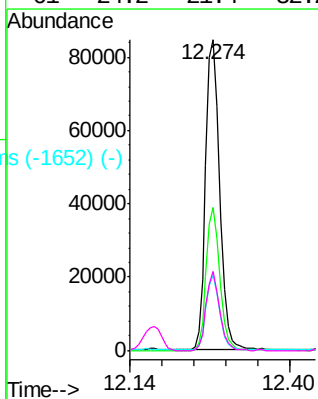
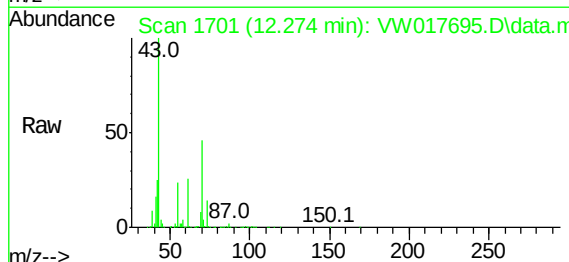


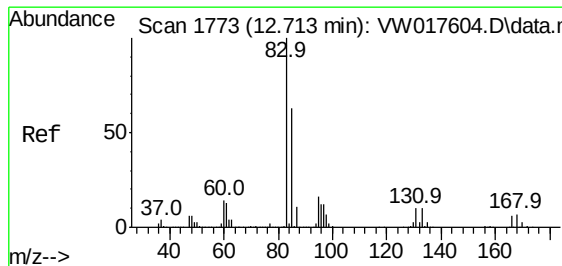
Tgt Ion:105 Resp: 807947
Ion Ratio Lower Upper
105 100
120 27.0 13.6 40.7



#71691 (-)
N-ethyl acetate
Concen: 42.56 ug/l
RT: 12.274 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VW017695.D
Acq: 22 Dec 2020 10:26

Tgt Ion: 43 Resp: 136919
Ion Ratio Lower Upper
43 100
70 44.5 40.2 60.4
55 23.1 21.4 32.0
61 24.2 21.4 32.2





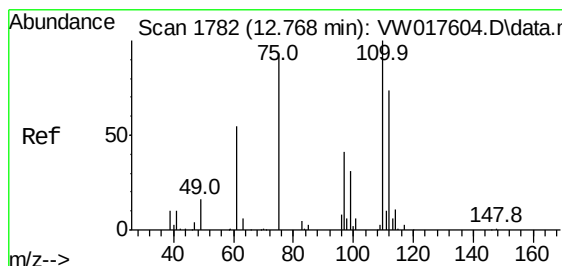
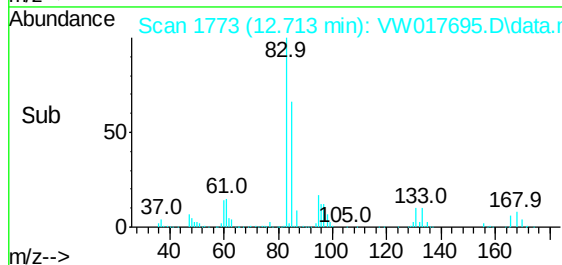
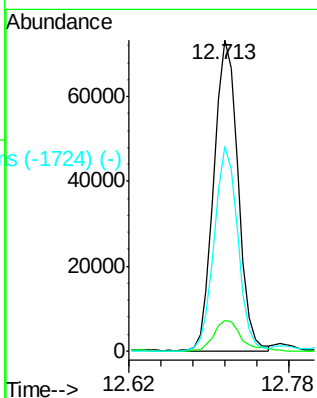
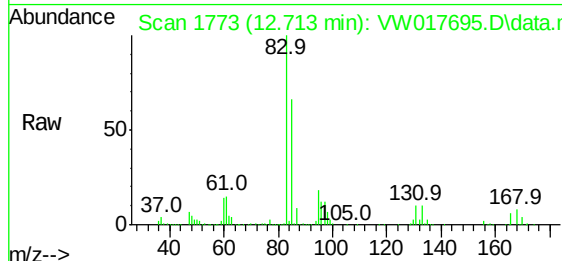
#75
1,1,2,2-Tetrachloroethane
Concen: 47.03 ug/l
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: Vw017695.D
Acq: 22 Dec 2020 10:26

Tgt Ion: 83 Resp: 120329
Ion Ratio Lower Upper
83 100
131 11.1 6.1 18.3
85 64.4 32.7 98.1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

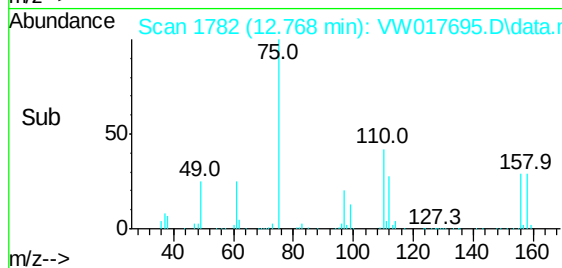
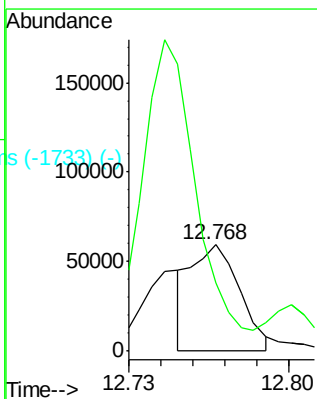
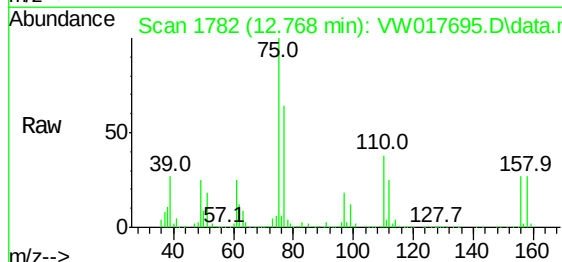
Manual Integrations
APPROVED

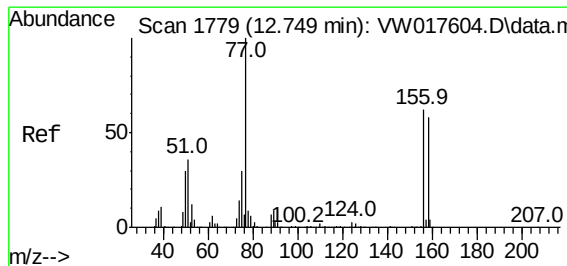
MMDadoda
12/23/2020 3:25:28 PM



#76
1,2,3-Trichloropropane
Concen: 51.19 ug/l m
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: Vw017695.D
Acq: 22 Dec 2020 10:26

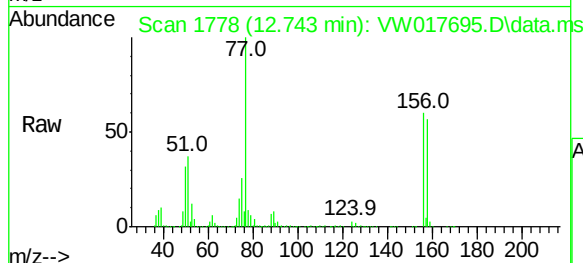
Tgt Ion: 75 Resp: 95590
Ion Ratio Lower Upper
75 100
77 0.0 178.8 536.3#





#1770 (-)
Bromobenzene
Concen: 52.02 ug/l
RT: 12.743 min Scan# 1778
Delta R.T. -0.006 min
Lab File: VW017695.D
Acq: 22 Dec 2020 10:26

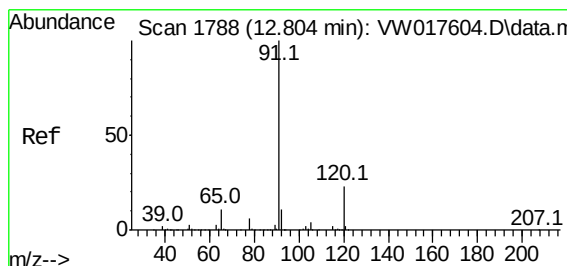
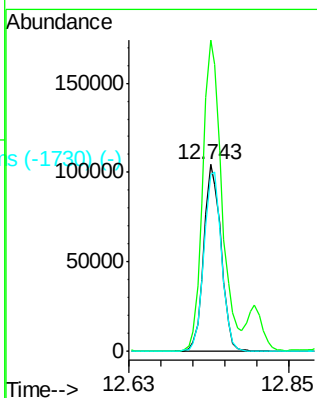
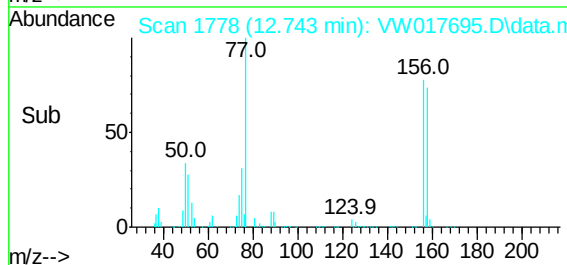
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050



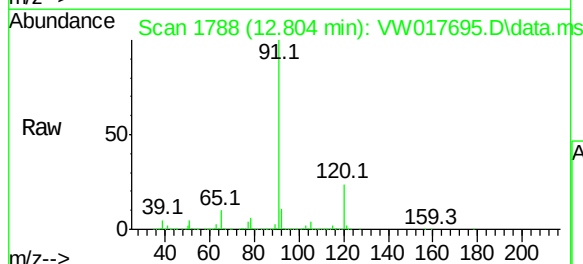
Tgt Ion:156 Resp: 170895
Ion Ratio Lower Upper
156 100
77 185.4 79.0 237.2
158 97.8 47.0 141.2

Manual Integrations
APPROVED

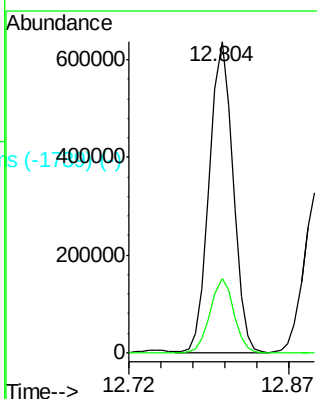
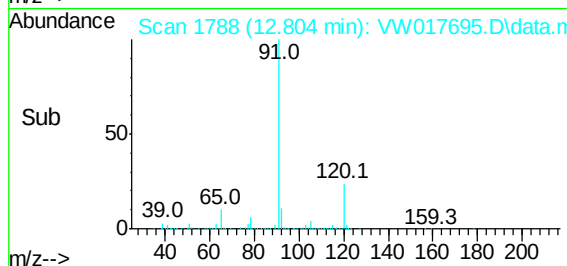
MMDadoda
12/23/2020 3:25:28 PM

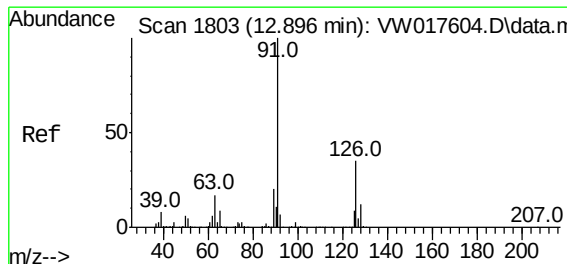


#1782 (-)
n-propylbenzene
Concen: 52.81 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. 0.000 min
Lab File: VW017695.D
Acq: 22 Dec 2020 10:26



Tgt Ion: 91 Resp: 961960
Ion Ratio Lower Upper
91 100
120 23.5 12.0 36.1





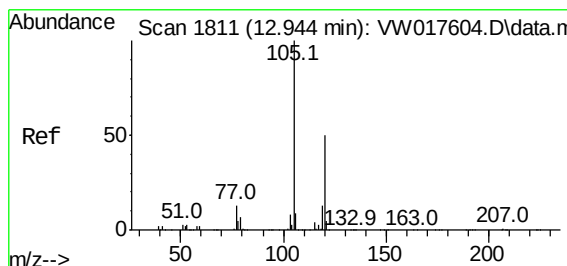
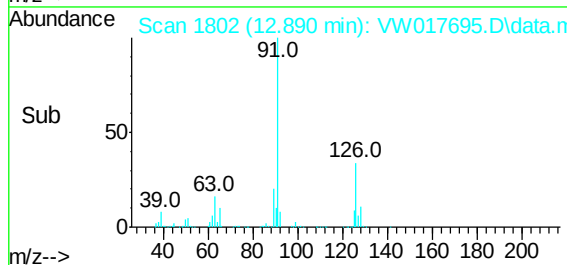
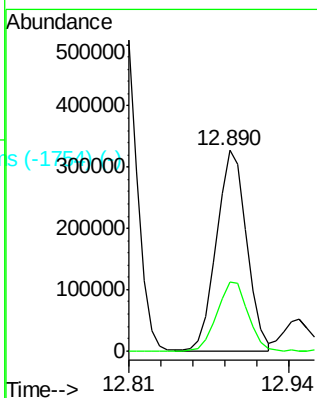
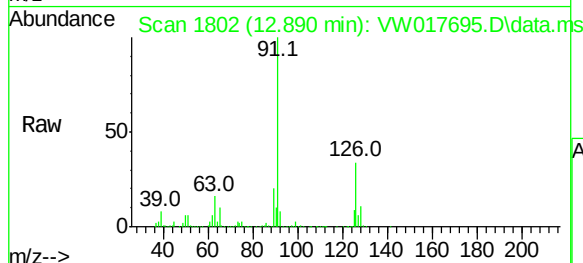
2-Chlorotoluene
Concen: 52.17 ug/l
RT: 12.890 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VW017695.D
Acq: 22 Dec 2020 10:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 529744
Ion Ratio Lower Upper
91 100
126 35.1 17.9 53.8

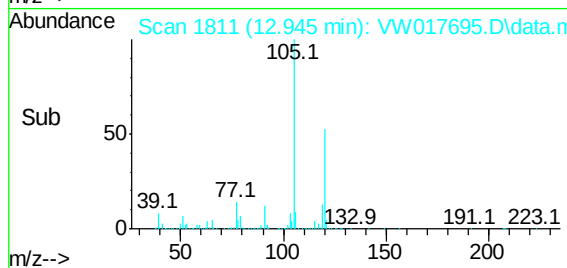
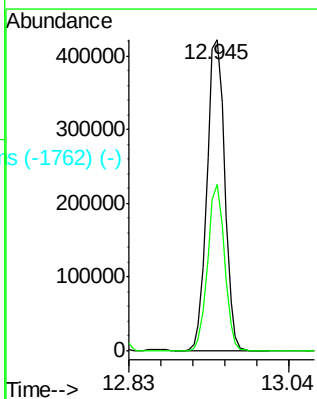
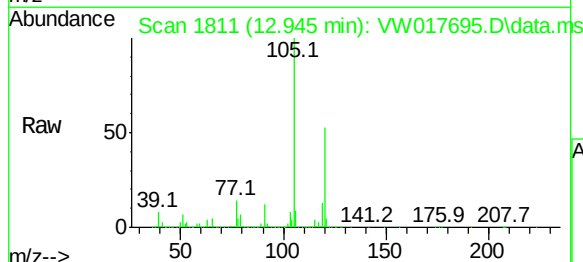
Manual Integrations
APPROVED

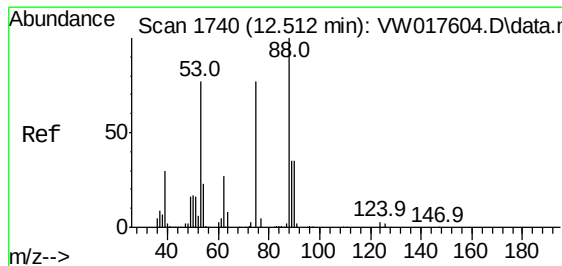
MMDadoda
12/23/2020 3:25:28 PM



1,3,5-Trimethylbenzene
Concen: 52.20 ug/l
RT: 12.945 min Scan# 1811
Delta R.T. 0.001 min
Lab File: VW017695.D
Acq: 22 Dec 2020 10:26

Tgt Ion: 105 Resp: 677663
Ion Ratio Lower Upper
105 100
120 50.8 24.9 74.8





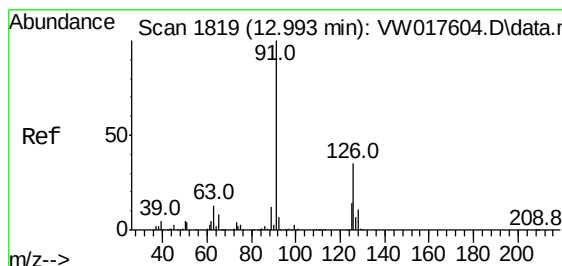
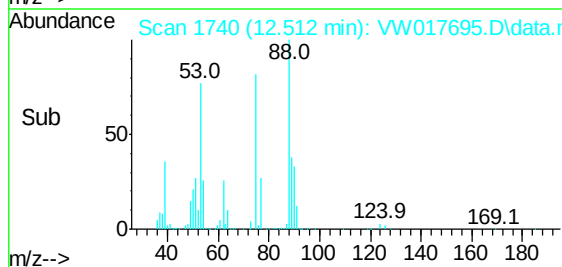
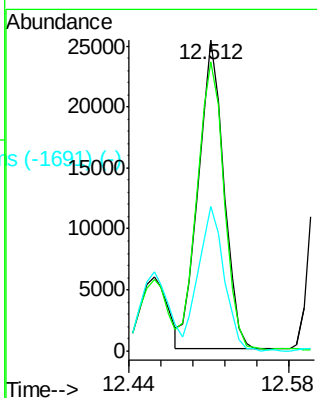
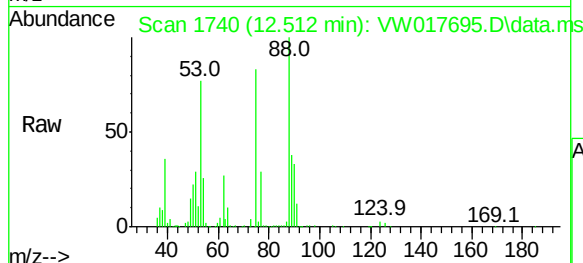
#1736 (-)
trans-1,4-Dichloro-2-butene
Concen: 41.60 ug/l
RT: 12.512 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VW017695.D
Acq: 22 Dec 2020 10:26

Tgt Ion: 75 Resp: 38344
Ion Ratio Lower Upper
75 100
53 98.7 77.0 115.4
89 47.2 38.7 58.1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

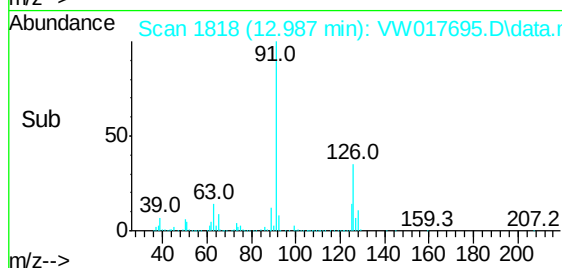
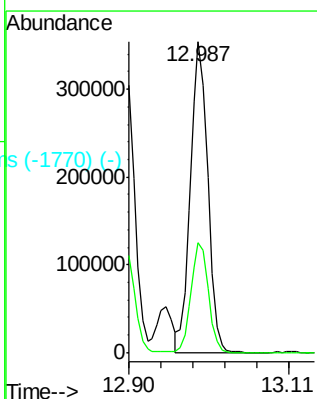
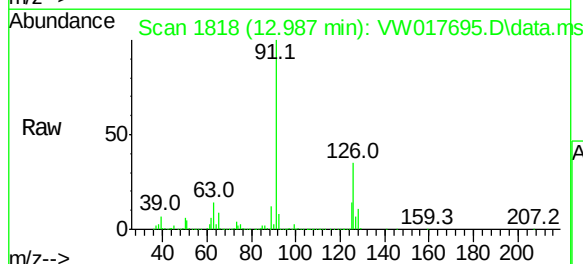
Manual Integrations
APPROVED

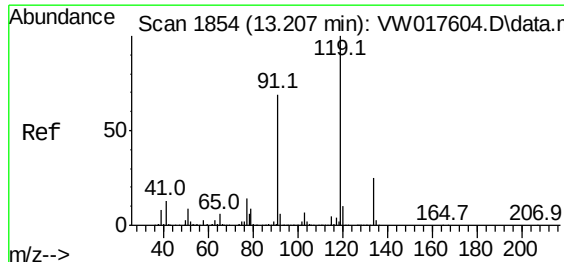
MMDadoda
12/23/2020 3:25:28 PM



#1814 (-)
4-Chlorotoluene
Concen: 52.19 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. -0.006 min
Lab File: VW017695.D
Acq: 22 Dec 2020 10:26

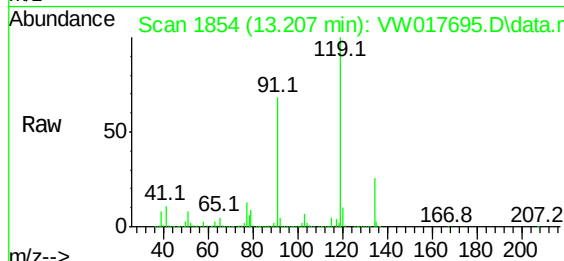
Tgt Ion: 91 Resp: 559346
Ion Ratio Lower Upper
91 100
126 35.2 18.1 54.3





#8345 (-)
tert-Butylbenzene
Concen: 54.98 ug/l
RT: 13.207 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VW017695.D
Acq: 22 Dec 2020 10:26

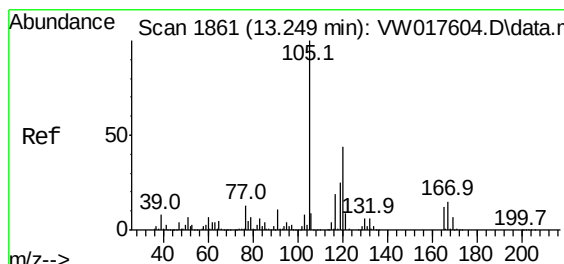
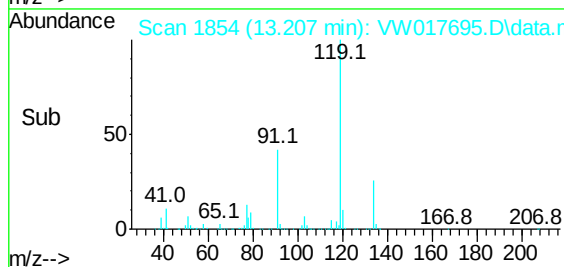
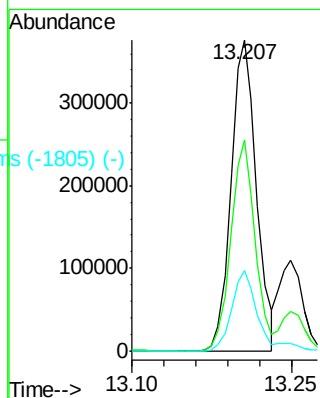
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050



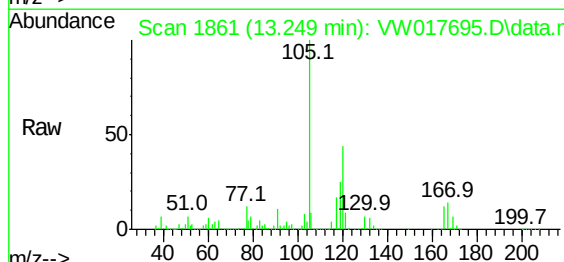
Tgt Ion:119 Resp: 610451
Ion Ratio Lower Upper
119 100
91 65.0 31.3 93.9
134 25.0 14.0 42.0

Manual Integrations
APPROVED

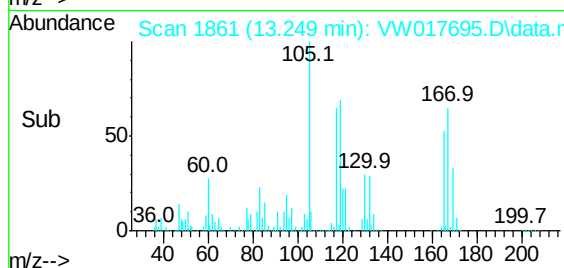
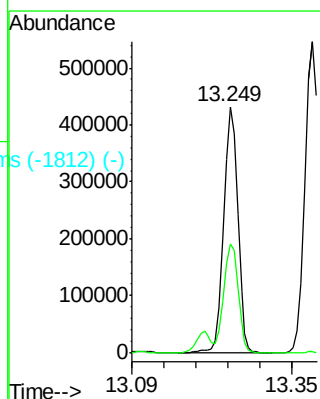
MMDadoda
12/23/2020 3:25:28 PM

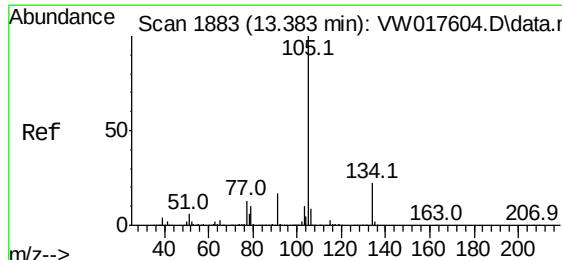


#8348 (-)
1,2,4-Trimethylbenzene
Concen: 53.42 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW017695.D
Acq: 22 Dec 2020 10:26



Tgt Ion:105 Resp: 683038
Ion Ratio Lower Upper
105 100
120 44.8 23.4 70.0



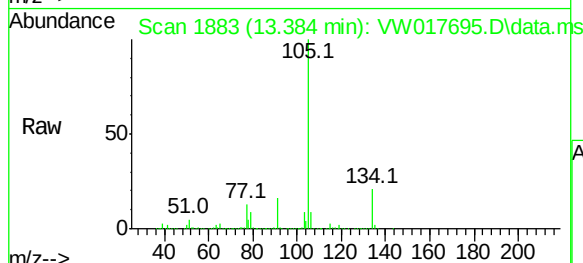


#85
sec-Butylbenzene
Concen: 54.35 ug/l
RT: 13.384 min Scan# 1883
Delta R.T. 0.001 min
Lab File: VW017695.D
Acq: 22 Dec 2020 10:26

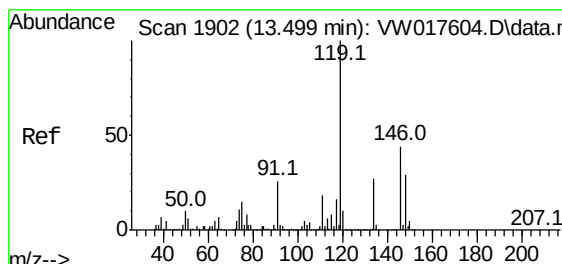
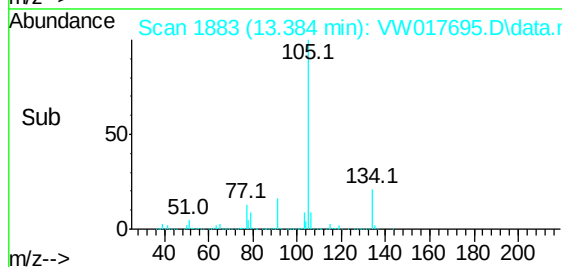
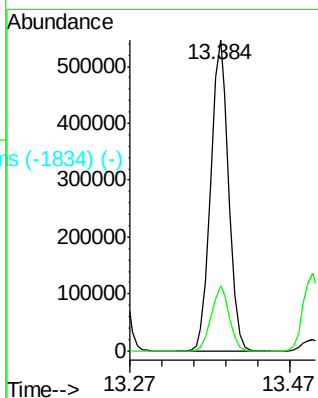
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
12/23/2020 3:25:28 PM

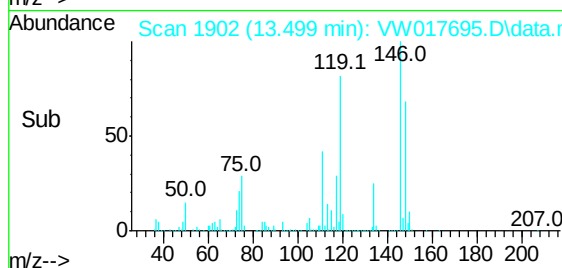
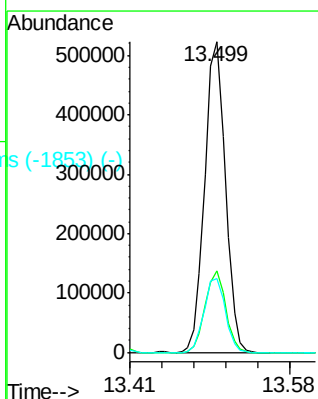
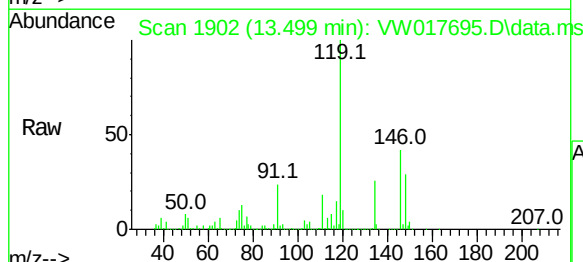


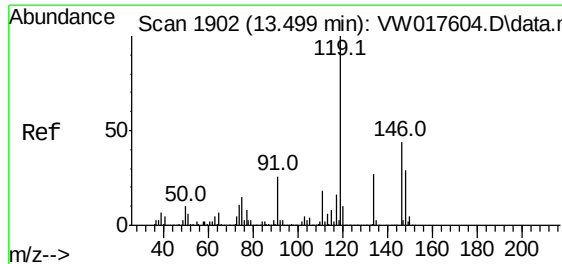
Tgt Ion:105 Resp: 847515
Ion Ratio Lower Upper
105 100
134 20.7 10.6 31.8



#86
p-Isopropyltoluene
Concen: 55.24 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW017695.D
Acq: 22 Dec 2020 10:26

Tgt Ion:119 Resp: 777615
Ion Ratio Lower Upper
119 100
134 26.1 13.8 41.3
91 24.5 11.3 33.9





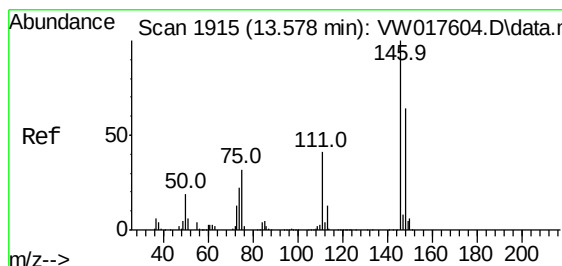
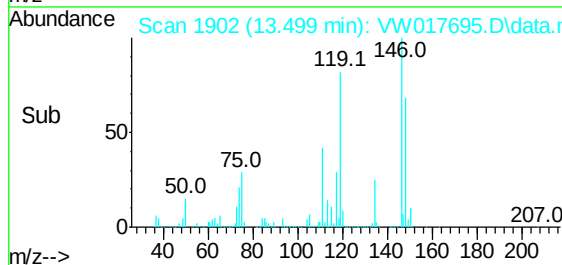
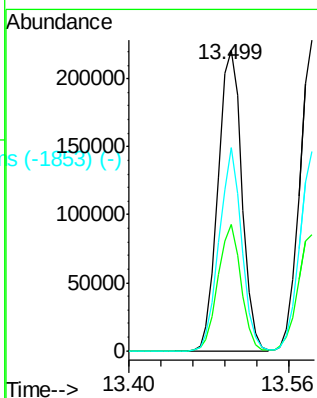
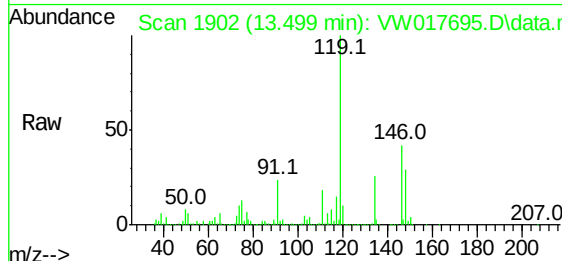
#1894 (-)
 1,3-Dichlorobenzene
 Concen: 54.93 ug/l
 RT: 13.499 min Scan# 1902
 Delta R.T. 0.000 min
 Lab File: VW017695.D
 Acq: 22 Dec 2020 10:26

Tgt Ion:	146	Resp:	359717
Ion	Ratio	Lower	Upper
146	100		
111	40.6	19.1	57.5
148	63.7	32.5	97.4

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

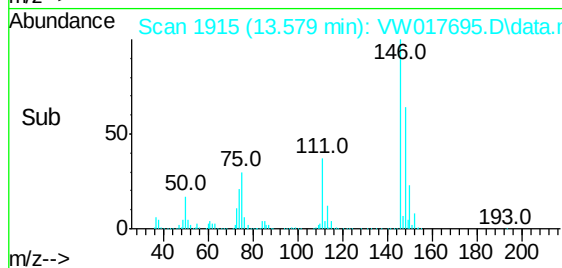
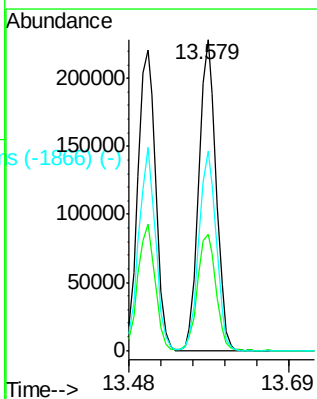
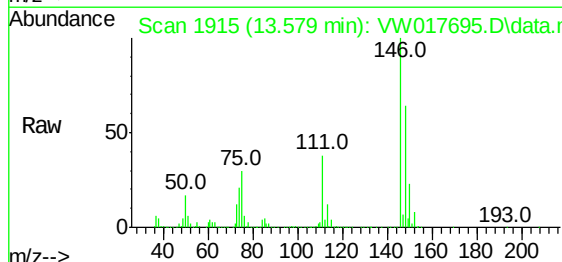
Manual Integrations
 APPROVED

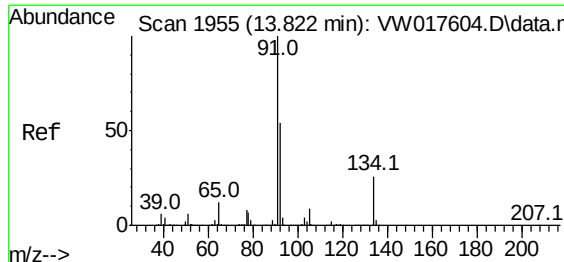
MMDadoda
 12/23/2020 3:25:28 PM



#1899 (-)
 1,4-Dichlorobenzene
 Concen: 54.84 ug/l
 RT: 13.579 min Scan# 1915
 Delta R.T. 0.001 min
 Lab File: VW017695.D
 Acq: 22 Dec 2020 10:26

Tgt Ion:	146	Resp:	356451
Ion	Ratio	Lower	Upper
146	100		
111	39.9	18.5	55.5
148	64.5	31.8	95.4





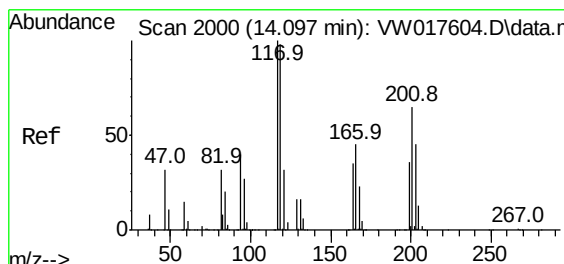
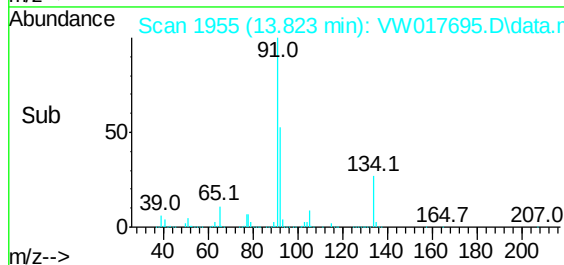
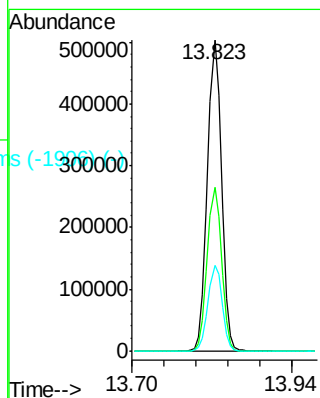
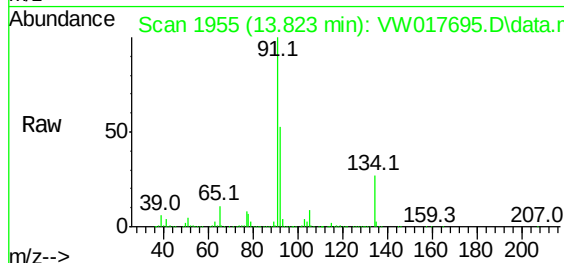
n-Butylbenzene
Concen: 53.30 ug/l
RT: 13.823 min Scan# 1955
Delta R.T. 0.001 min
Lab File: VW017695.D
Acq: 22 Dec 2020 10:26

Tgt Ion:	91	Resp:	737347
Ion Ratio	Lower	Upper	
91	100		
92	53.6	26.6	79.7
134	27.6	14.3	42.9

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

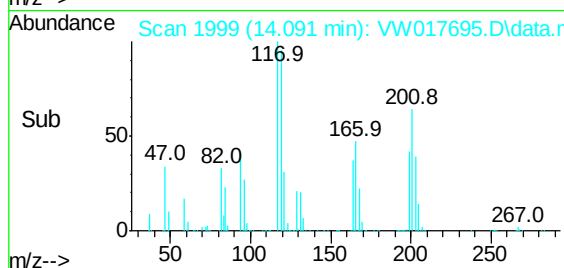
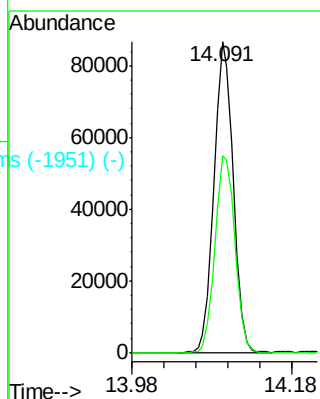
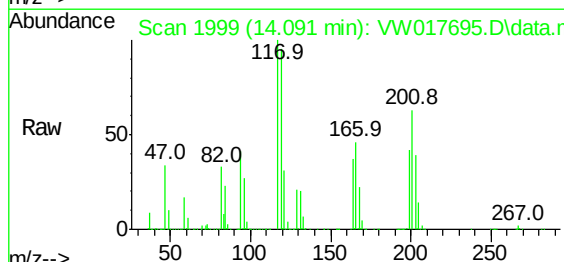
Manual Integrations
APPROVED

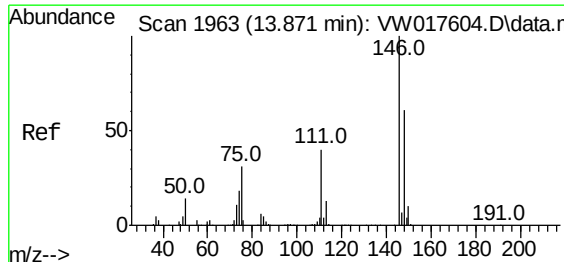
MMDadoda
12/23/2020 3:25:28 PM



Hexachloroethane
Concen: 52.30 ug/l
RT: 14.091 min Scan# 1999
Delta R.T. -0.006 min
Lab File: VW017695.D
Acq: 22 Dec 2020 10:26

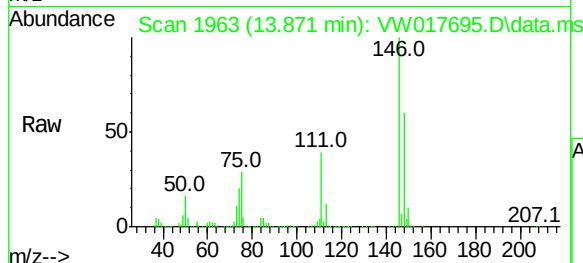
Tgt Ion:	117	Resp:	144649
Ion Ratio	Lower	Upper	
117	100		
201	66.2	41.9	125.7





1,2-Dichlorobenzene
Concen: 54.50 ug/l
RT: 13.871 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VW017695.D
Acq: 22 Dec 2020 10:26

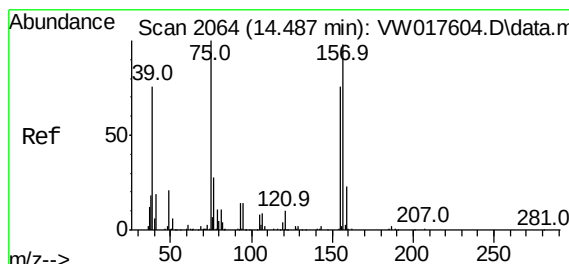
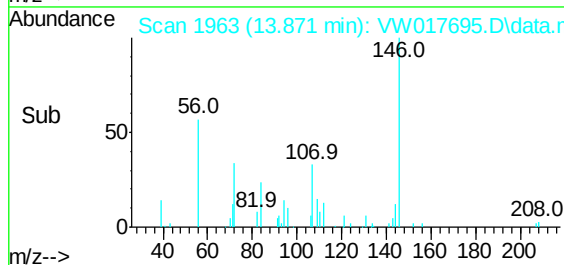
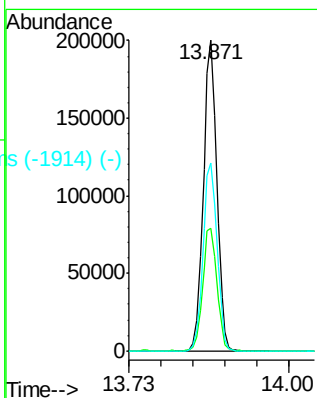
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 317217
Ion Ratio Lower Upper
146 100
111 41.8 20.1 60.3
148 63.1 33.1 99.3

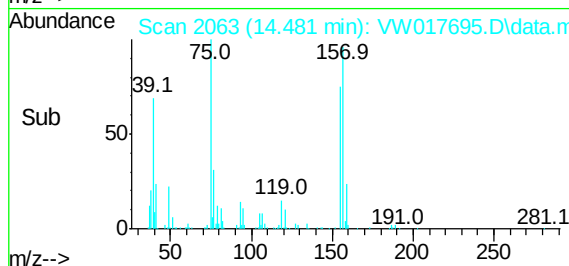
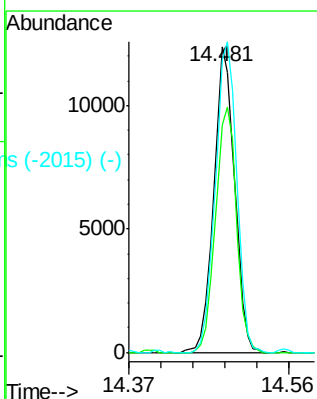
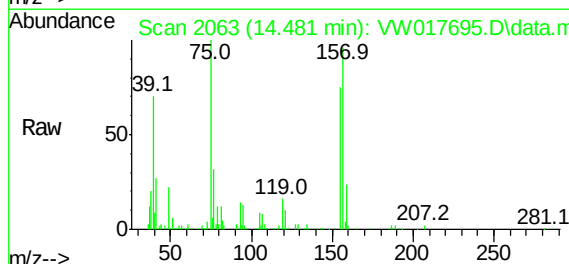
Manual Integrations
APPROVED

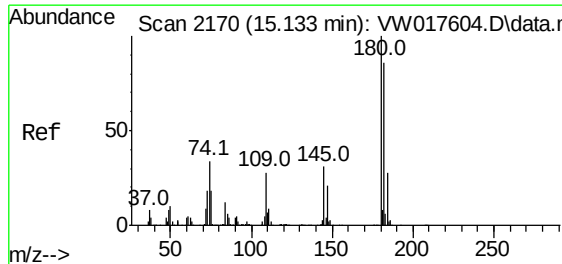
MMDadoda
12/23/2020 3:25:28 PM



1,2-Dibromo-3-Chloropropane
Concen: 44.25 ug/l
RT: 14.481 min Scan# 2063
Delta R.T. -0.006 min
Lab File: VW017695.D
Acq: 22 Dec 2020 10:26

Tgt Ion: 75 Resp: 20602
Ion Ratio Lower Upper
75 100
155 81.2 47.6 142.8
157 105.2 62.2 186.6





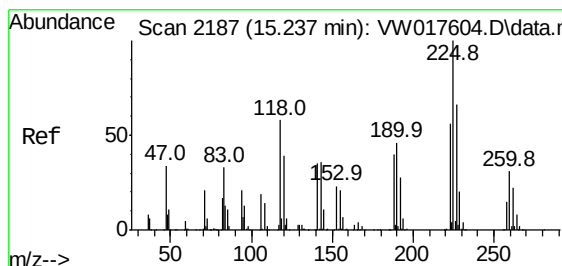
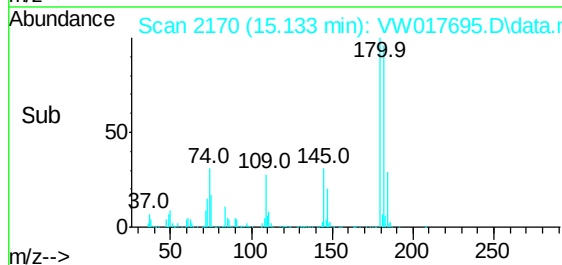
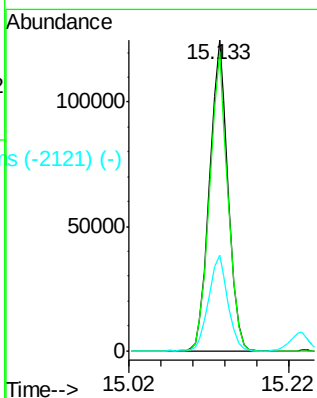
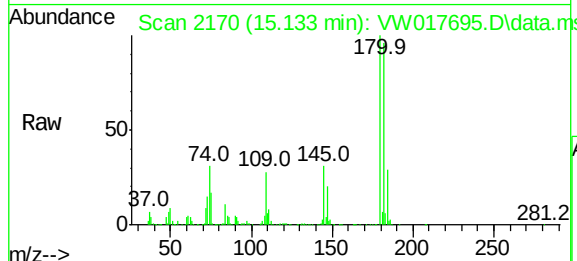
#91
1,2,4-Trichlorobenzene
Concen: 53.58 ug/l
RT: 15.133 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VW017695.D
Acq: 22 Dec 2020 10:26

Tgt Ion:180 Resp: 199524
Ion Ratio Lower Upper
180 100
182 94.6 48.3 144.9
145 31.8 14.9 44.5

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

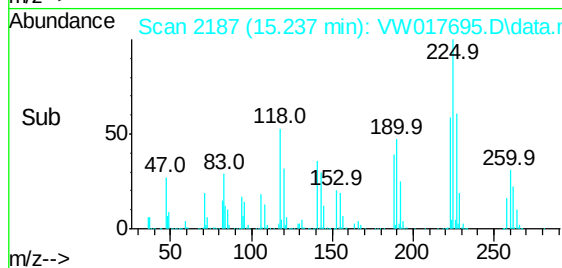
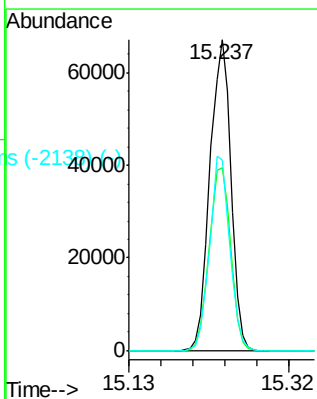
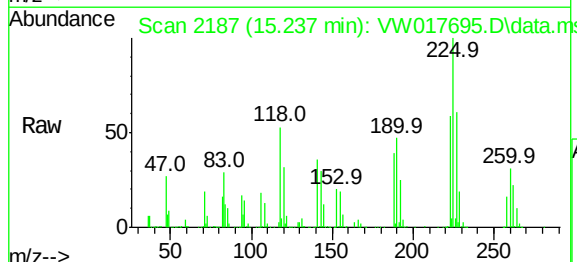
Manual Integrations
APPROVED

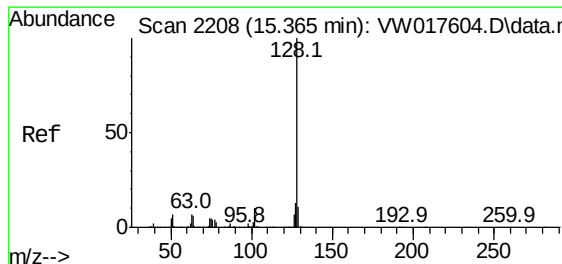
MMDadoda
12/23/2020 3:25:28 PM



#92
Hexachlorobutadiene
Concen: 57.00 ug/l
RT: 15.237 min Scan# 2187
Delta R.T. -0.000 min
Lab File: VW017695.D
Acq: 22 Dec 2020 10:26

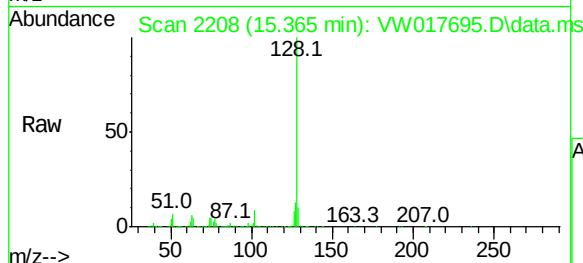
Tgt Ion:225 Resp: 111557
Ion Ratio Lower Upper
225 100
223 60.2 31.9 95.7
227 59.8 33.0 99.0





#2199 (-)
Naphthalene
Concen: 47.51 ug/l
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW017695.D
Acq: 22 Dec 2020 10:26

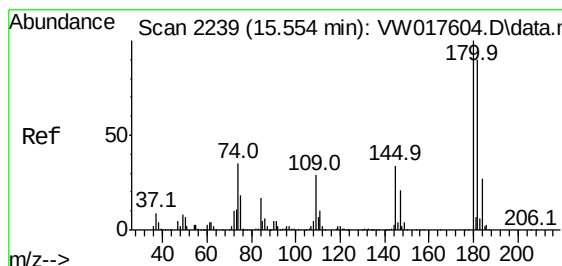
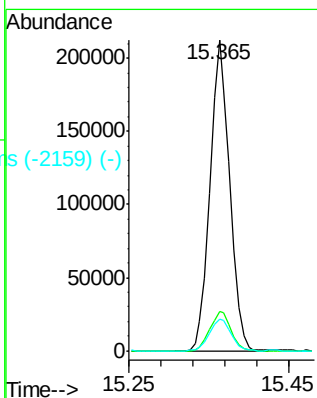
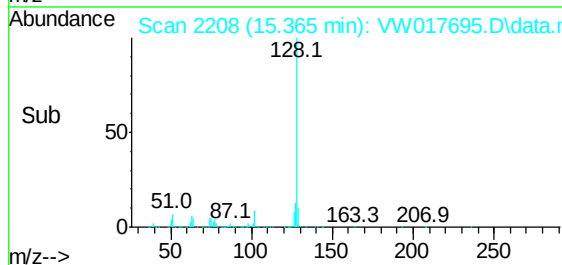
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050



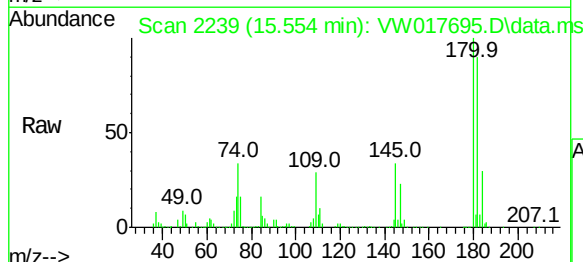
Tgt Ion:128 Resp: 361816
Ion Ratio Lower Upper
128 100
127 13.5 10.4 15.6
129 11.2 8.6 12.8

Manual Integrations
APPROVED

MMDadoda
12/23/2020 3:25:28 PM



#2230 (-)
1,2,3-Trichlorobenzene
Concen: 51.50 ug/l
RT: 15.554 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VW017695.D
Acq: 22 Dec 2020 10:26



Tgt Ion:180 Resp: 165857
Ion Ratio Lower Upper
180 100
182 93.4 49.4 148.2
145 33.3 16.3 48.9

