

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\Vw122120\
 Data File : Vw017693.D
 Acq On : 21 Dec 2020 18:07
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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 12/22/2020 11:17:52 AM

Quant Time: Dec 22 03:48:29 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121420S.M
 Quant Title : Sw846 8260
 QLast Update : Mon Dec 14 12:39:23 2020
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.951	168	266942	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.841	114	465258	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	445757	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	234086	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	160371	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	
35) Dibromofluoromethane	7.884	113	156937	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	
50) Toluene-d8	10.323	98	599952	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
62) 4-Bromofluorobenzene	12.621	95	265473	62.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	124.06%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	109382	52.23	ug/l	100
3) Chloromethane	2.215	50	95735	40.60	ug/l	97
4) Vinyl Chloride	2.367	62	170799	49.96	ug/l	100
5) Bromomethane	2.775	94	147837	56.23	ug/l	98
6) Chloroethane	2.928	64	111922	52.38	ug/l	99
7) Trichlorofluoromethane	3.263	101	145274	53.71	ug/l	96
8) Diethyl Ether	3.684	74	73390	49.50	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.068	101	145190	49.47	ug/l	93
10) Methyl Iodide	4.281	142	223473	51.71	ug/l	92
11) Tert butyl alcohol	5.190	59	47576	204.72	ug/l #	85
12) 1,1-Dichloroethene	4.044	96	140060	46.46	ug/l	84
13) Acrolein	3.897	56	46874	239.35	ug/l	99
14) Allyl chloride	4.665	41	197208	42.48	ug/l	93
15) Acrylonitrile	5.373	53	151171	230.26	ug/l	98
16) Acetone	4.129	43	152145	215.04	ug/l	96
17) Carbon Disulfide	4.391	76	390075	44.25	ug/l	98
18) Methyl Acetate	4.678	43	65735	45.71	ug/l	94
19) Methyl tert-butyl Ether	5.427	73	196023	48.07	ug/l	97
20) Methylene Chloride	4.921	84	158674	53.14	ug/l #	88
21) trans-1,2-Dichloroethene	5.421	96	158544	47.35	ug/l	97
22) Diisopropyl ether	6.311	45	390919	46.13	ug/l	93
23) Vinyl Acetate	6.257	43	1293048	226.73	ug/l	99
24) 1,1-Dichloroethane	6.220	63	265885	46.22	ug/l	98
25) 2-Butanone	7.171	43	197521	209.66	ug/l	95
26) 2,2-Dichloropropane	7.165	77	165098	45.79	ug/l	97
27) cis-1,2-Dichloroethene	7.171	96	173984	48.64	ug/l	92
28) Bromochloromethane	7.512	49	116425	47.59	ug/l	85
29) Tetrahydrofuran	7.531	42	121600	229.47	ug/l	93
30) Chloroform	7.677	83	284153	48.63	ug/l	100
31) Cyclohexane	7.957	56	234683	41.79	ug/l	95
32) 1,1,1-Trichloroethane	7.872	97	242044	48.47	ug/l	96
36) 1,1-Dichloropropene	8.085	75	218014	44.76	ug/l	98
37) Ethyl Acetate	7.250	43	90145	44.29	ug/l	97
38) Carbon Tetrachloride	8.073	117	234941	47.99	ug/l	90
39) Methylcyclohexane	9.335	83	284173	46.06	ug/l	93
40) Benzene	8.323	78	607334	47.07	ug/l	99
41) Methacrylonitrile	7.482	41	53708	46.71	ug/l	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.402	62	186532	47.48	ug/l	97
43) Isopropyl Acetate	8.427	43	179614	47.03	ug/l	93
44) Trichloroethene	9.091	130	176247	49.52	ug/l	97
45) 1,2-Dichloropropane	9.366	63	145595	45.73	ug/l	98
46) Dibromomethane	9.457	93	84490	47.42	ug/l	92
47) Bromodichloromethane	9.646	83	219238	48.29	ug/l	98
48) Methyl methacrylate	9.439	41	87413	46.65	ug/l	89
49) 1,4-Dioxane	9.463	88	20512	930.76	ug/l #	96
51) 4-Methyl-2-Pentanone	10.213	43	443097	233.11	ug/l	92
52) Toluene	10.390	92	421936	50.00	ug/l	99
53) t-1,3-Dichloropropene	10.603	75	219948	47.33	ug/l	100
54) cis-1,3-Dichloropropene	10.073	75	249888	46.50	ug/l	93
55) 1,1,2-Trichloroethane	10.786	97	121981	51.20	ug/l	97
56) Ethyl methacrylate	10.646	69	152139	49.43	ug/l	91
57) 1,3-Dichloropropane	10.933	76	204681	48.63	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.927	63	347525	236.16	ug/l	95
59) 2-Hexanone	10.969	43	305341	240.11	ug/l	95
60) Dibromochloromethane	11.128	129	160235	53.75	ug/l	100
61) 1,2-Dibromoethane	11.237	107	126414	53.69	ug/l	99
64) Tetrachloroethene	10.859	164	145663	47.91	ug/l	92
65) Chlorobenzene	11.658	112	469327	48.97	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.731	131	173411	51.01	ug/l	99
67) Ethyl Benzene	11.731	91	836001	46.95	ug/l	99
68) m/p-Xylenes	11.841	106	657392	96.82	ug/l	97
69) o-Xylene	12.164	106	308247	48.13	ug/l	100
70) Styrene	12.182	104	523853	48.98	ug/l	99
71) Bromoform	12.353	173	90147	49.61	ug/l #	93
73) Isopropylbenzene	12.463	105	868755	46.94	ug/l	100
74) N-ethyl acetate	12.274	43	156896	40.42	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.713	83	204689m	66.30	ug/l	
76) 1,2,3-Trichloropropane	12.768	75	93242m	41.38	ug/l	
77) Bromobenzene	12.749	156	194002	48.94	ug/l	93
78) n-propylbenzene	12.804	91	969179	44.10	ug/l	99
79) 2-Chlorotoluene	12.896	91	544092	44.41	ug/l	100
80) 1,3,5-Trimethylbenzene	12.944	105	717749	45.82	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.512	75	43901	39.47	ug/l	98
82) 4-Chlorotoluene	12.987	91	577370	44.65	ug/l	99
83) tert-Butylbenzene	13.207	119	642082	47.92	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	706418	45.78	ug/l	100
85) sec-Butylbenzene	13.383	105	861450	45.78	ug/l	99
86) p-Isopropyltoluene	13.499	119	799906	47.09	ug/l	99
87) 1,3-Dichlorobenzene	13.499	146	389982	49.36	ug/l	96
88) 1,4-Dichlorobenzene	13.578	146	381550	48.65	ug/l	95
89) n-Butylbenzene	13.822	91	734304	43.99	ug/l	99
90) Hexachloroethane	14.091	117	151772	45.48	ug/l	83
91) 1,2-Dichlorobenzene	13.871	146	341792	48.67	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.487	75	23718	42.22	ug/l	98
93) 1,2,4-Trichlorobenzene	15.133	180	224503	49.97	ug/l	99
94) Hexachlorobutadiene	15.237	225	123315	52.22	ug/l	98
95) Naphthalene	15.365	128	441923	48.09	ug/l	99
96) 1,2,3-Trichlorobenzene	15.560	180	190390	48.99	ug/l	97

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

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Manual Integrations

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12/22/2020 11:17:52 AM

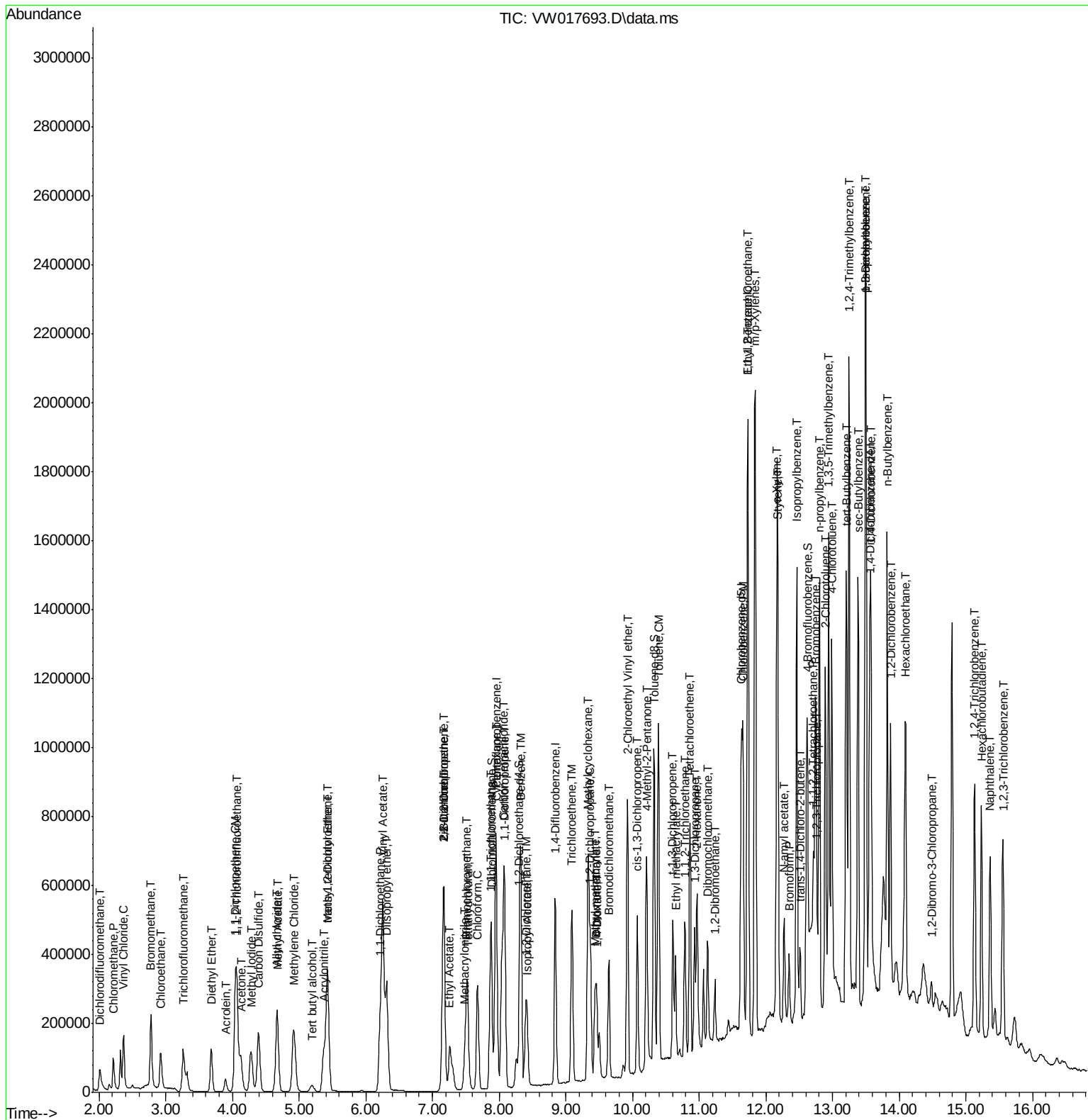
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Data File : VW017693.D
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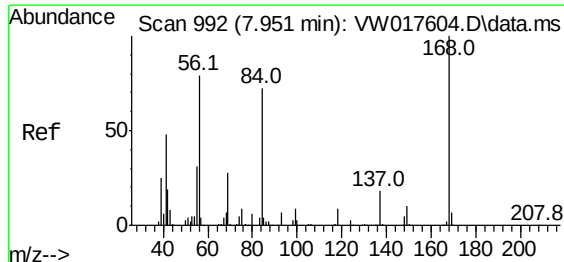
Instrument :
MSVOA_w
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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Quant Title : SW846 8260
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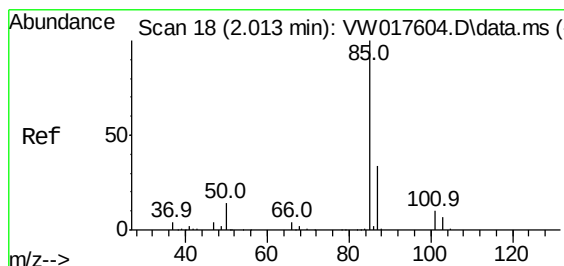
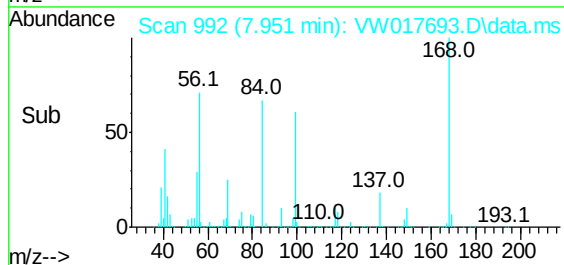
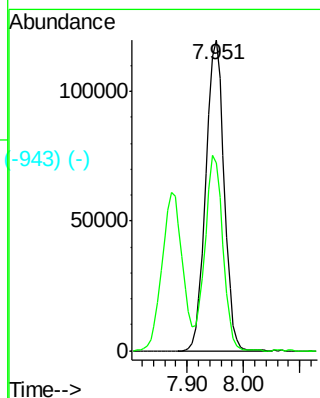
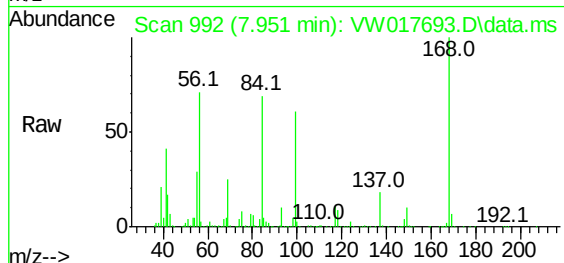




Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.951 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW017693.D
Acq: 21 Dec 2020 18:07

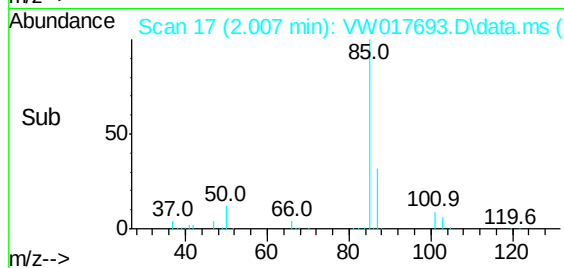
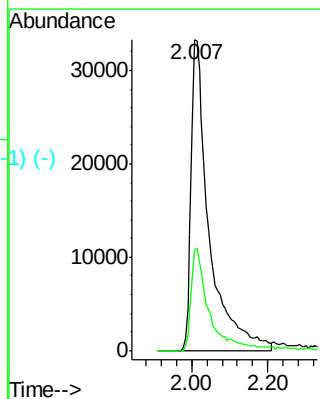
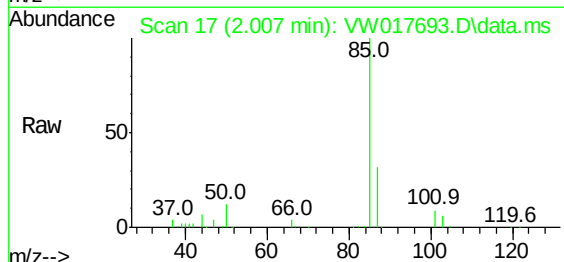
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ClientSampleId :
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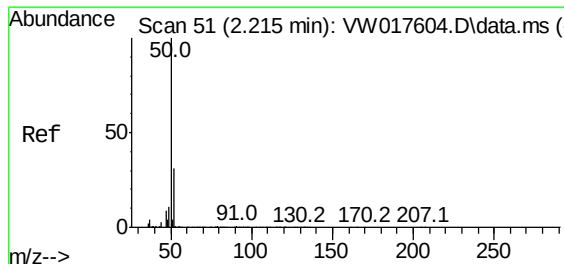
Tgt Ion:168 Resp: 266942
Ion Ratio Lower Upper
168 100
99 60.6 40.7 61.1



Dichlorodifluoromethane
Concen: 52.23 ug/l
RT: 2.007 min Scan# 17
Delta R.T. -0.006 min
Lab File: VW017693.D
Acq: 21 Dec 2020 18:07

Tgt Ion: 85 Resp: 109382
Ion Ratio Lower Upper
85 100
87 32.3 16.3 48.9





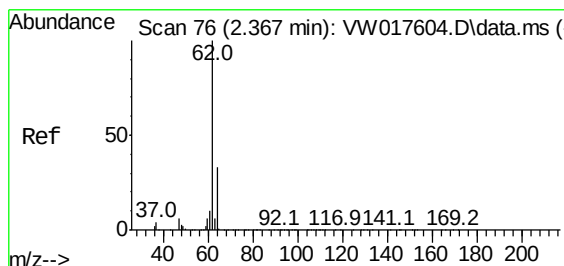
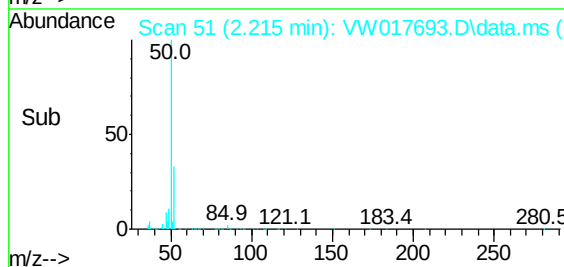
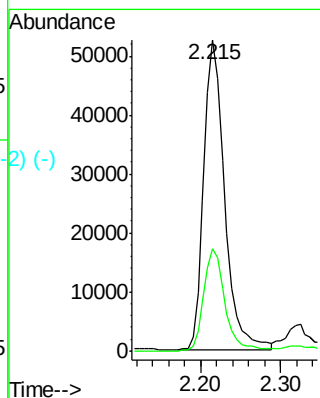
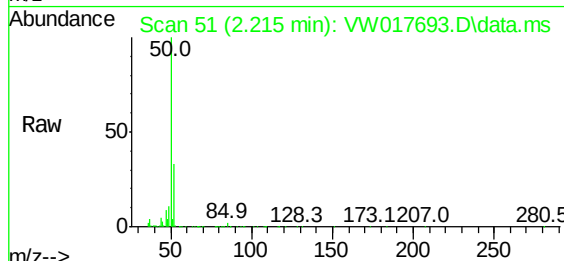
Chloromethane
Concen: 40.60 ug/l
RT: 2.215 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW017693.D
Acq: 21 Dec 2020 18:07

Tgt Ion: 50 Resp: 95735
Ion Ratio Lower Upper
50 100
52 32.7 27.6 41.4

Instrument :
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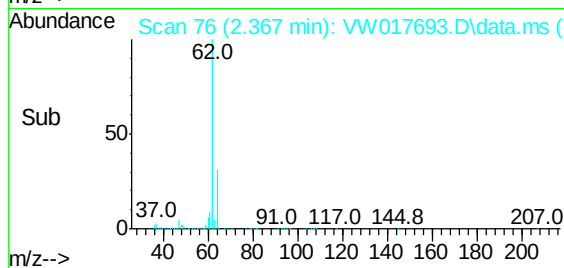
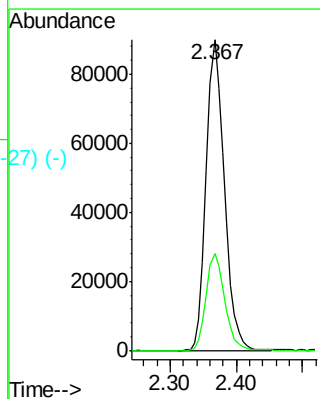
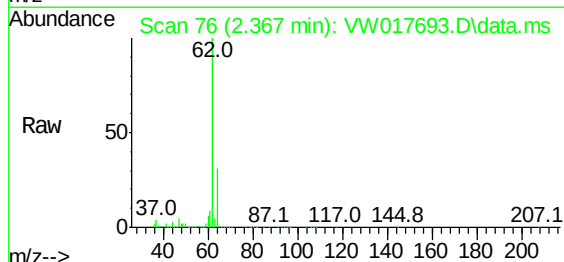
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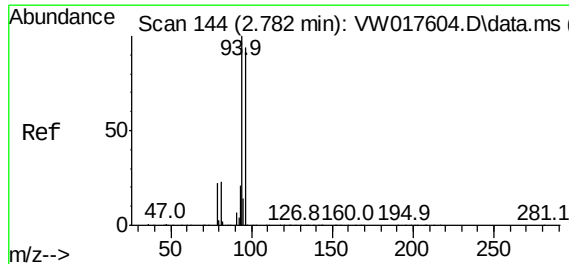
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12/22/2020 11:17:52 AM



Vinyl Chloride
Concen: 49.96 ug/l
RT: 2.367 min Scan# 76
Delta R.T. 0.000 min
Lab File: VW017693.D
Acq: 21 Dec 2020 18:07

Tgt Ion: 62 Resp: 170799
Ion Ratio Lower Upper
62 100
64 31.3 25.0 37.4





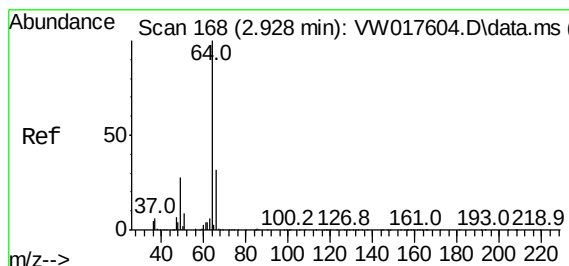
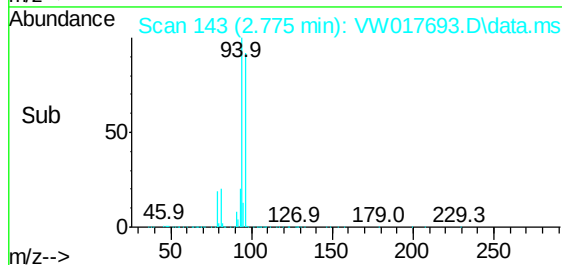
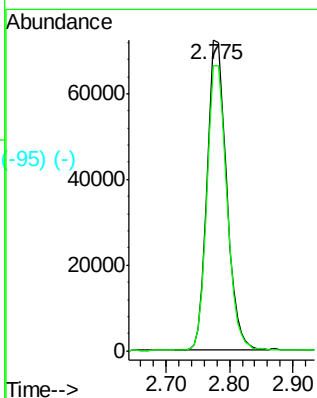
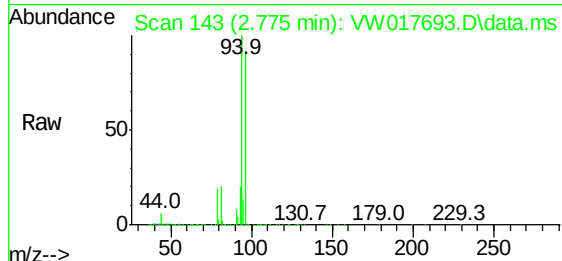
Bromomethane
Concen: 56.23 ug/l
RT: 2.775 min Scan# 143
Delta R.T. -0.007 min
Lab File: VW017693.D
Acq: 21 Dec 2020 18:07

Tgt Ion: 94 Resp: 147837
Ion Ratio Lower Upper
94 100
96 91.4 74.7 112.1

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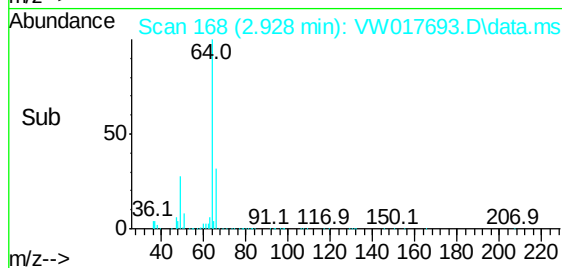
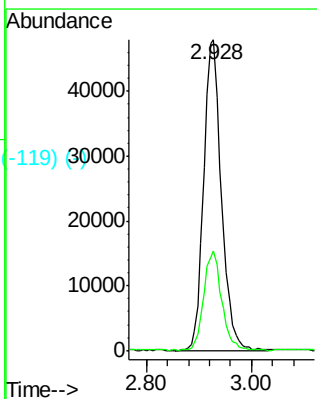
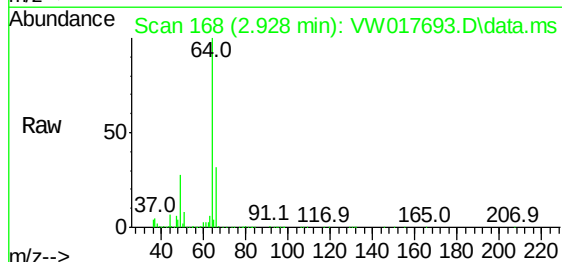
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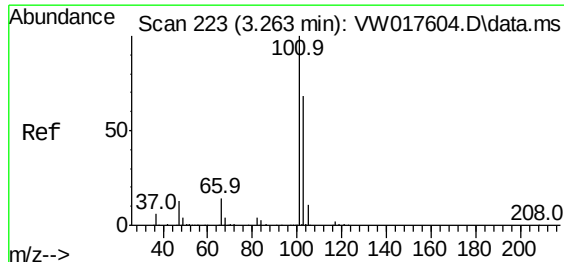
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12/22/2020 11:17:52 AM



Chloroethane
Concen: 52.38 ug/l
RT: 2.928 min Scan# 168
Delta R.T. -0.000 min
Lab File: VW017693.D
Acq: 21 Dec 2020 18:07

Tgt Ion: 64 Resp: 111922
Ion Ratio Lower Upper
64 100
66 32.0 25.0 37.6





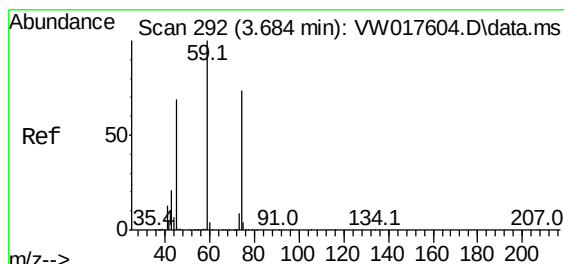
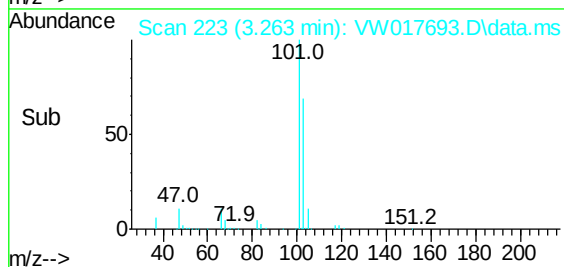
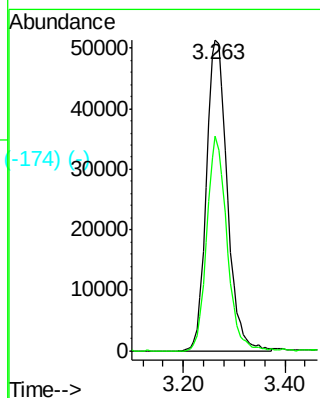
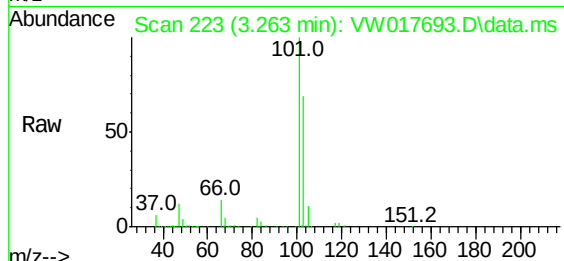
Trichlorofluoromethane
Concen: 53.71 ug/l
RT: 3.263 min Scan# 223
Delta R.T. 0.000 min
Lab File: VW017693.D
Acq: 21 Dec 2020 18:07

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ClientSampleId :
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Tgt Ion:101 Resp: 145274
Ion Ratio Lower Upper
101 100
103 69.0 52.6 79.0

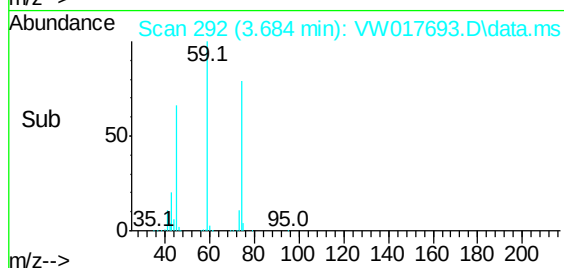
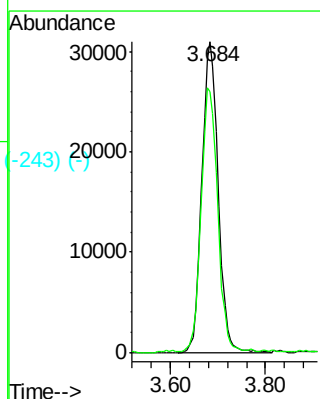
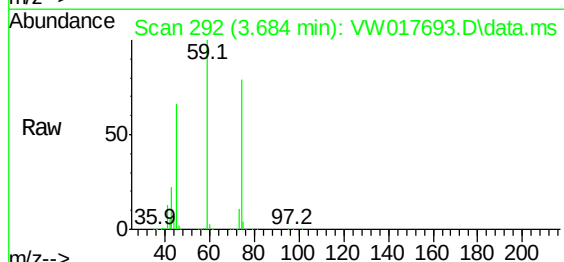
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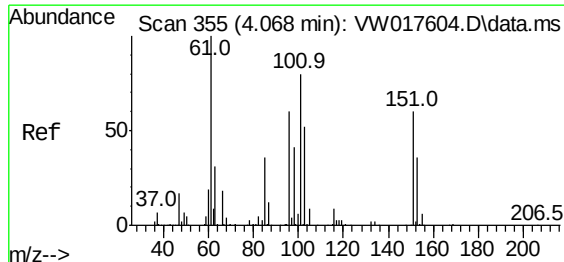
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12/22/2020 11:17:52 AM



Diethyl Ether
Concen: 49.50 ug/l
RT: 3.684 min Scan# 292
Delta R.T. -0.000 min
Lab File: VW017693.D
Acq: 21 Dec 2020 18:07

Tgt Ion: 74 Resp: 73390
Ion Ratio Lower Upper
74 100
45 85.6 41.1 123.4



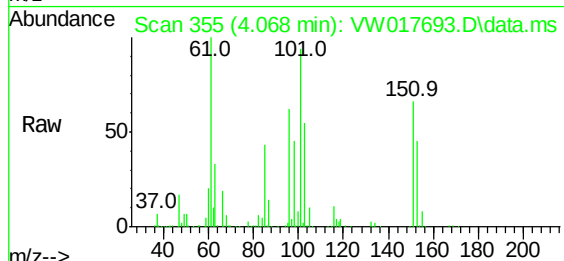


1,1,2-Trichlorotrifluoroethane
 Concen: 49.47 ug/l
 RT: 4.068 min Scan# 355
 Delta R.T. -0.000 min
 Lab File: VW017693.D
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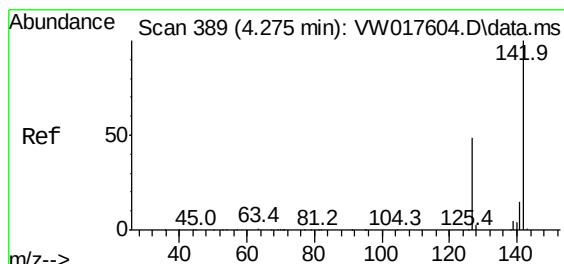
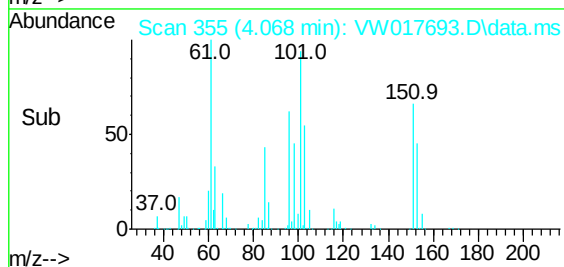
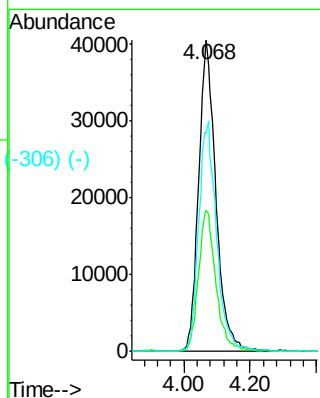
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 12/22/2020 11:17:52 AM

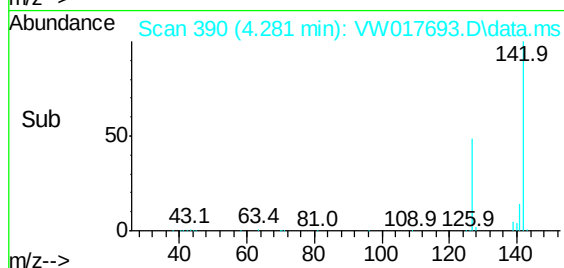
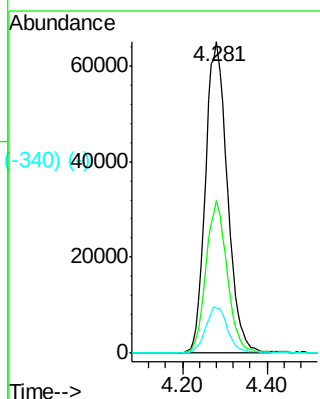
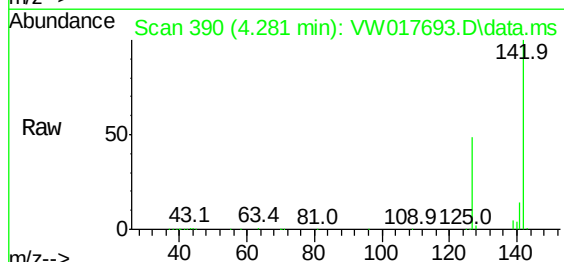


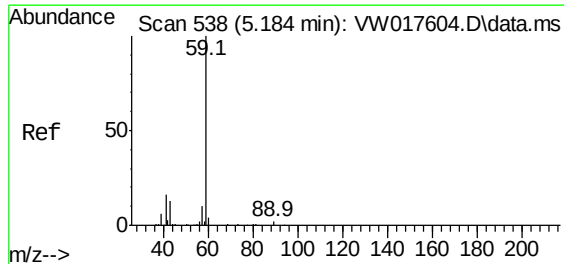
Tgt Ion:	101	Resp:	145190
Ion	Ratio	Lower	Upper
101	100		
85	45.3	33.2	49.8
151	75.9	66.6	100.0



Methyl Iodide
 Concen: 51.71 ug/l
 RT: 4.281 min Scan# 390
 Delta R.T. 0.006 min
 Lab File: VW017693.D
 Acq: 21 Dec 2020 18:07

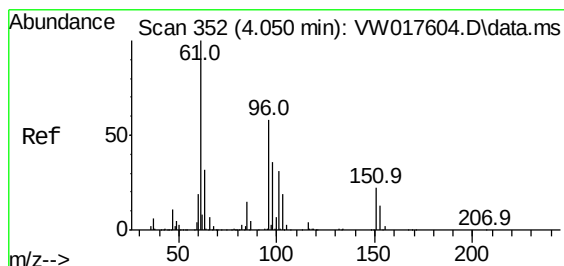
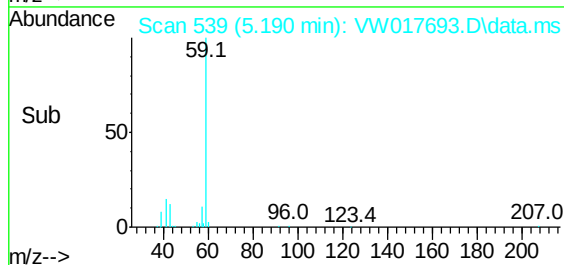
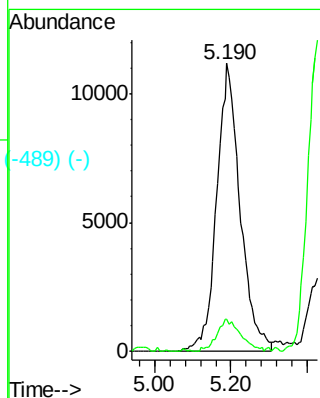
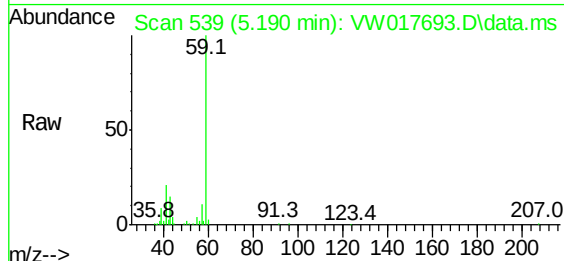
Tgt Ion:	142	Resp:	223473
Ion	Ratio	Lower	Upper
142	100		
127	47.0	32.4	48.6
141	14.4	11.4	17.0





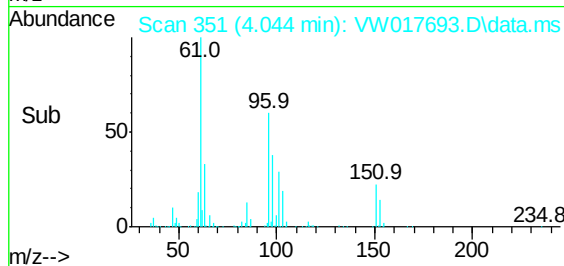
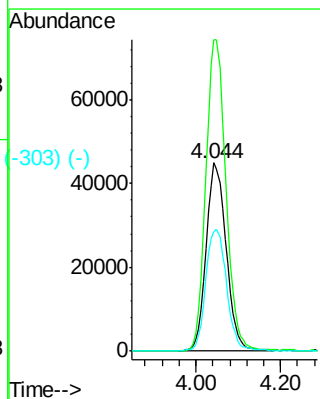
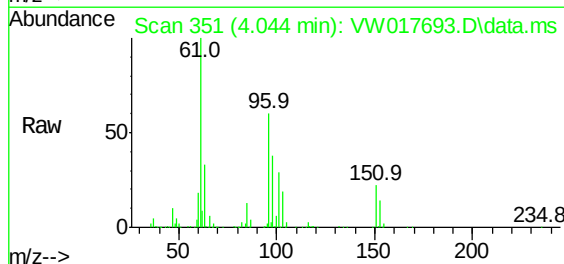
Tert butyl alcohol
 Concen: 204.72 ug/l
 RT: 5.190 min Scan# 539
 Delta R.T. 0.006 min
 Lab File: VW017693.D
 Acq: 21 Dec 2020 18:07

Tgt Ion: 59 Resp: 47576
 Ion Ratio Lower Upper
 59 100
 57 11.0 4.7 7.1#



1,1-Dichloroethene
 Concen: 46.46 ug/l
 RT: 4.044 min Scan# 351
 Delta R.T. -0.006 min
 Lab File: VW017693.D
 Acq: 21 Dec 2020 18:07

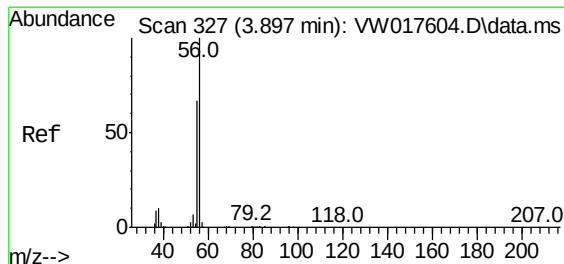
Tgt Ion: 96 Resp: 140060
 Ion Ratio Lower Upper
 96 100
 61 165.5 111.7 167.5
 98 63.6 49.0 73.4



Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

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 12/22/2020 11:17:52 AM



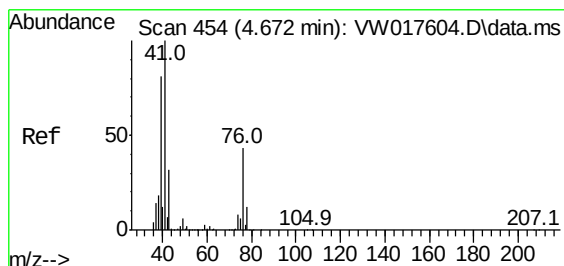
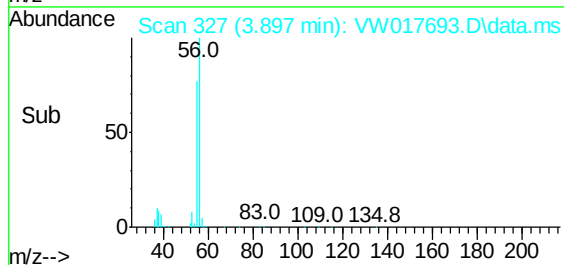
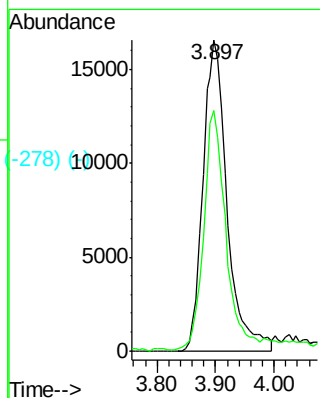
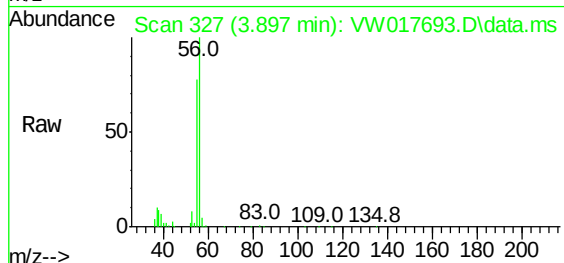
#118 (-)
Acrolein
Concen: 239.35 ug/l
RT: 3.897 min Scan# 327
Delta R.T. 0.000 min
Lab File: VW017693.D
Acq: 21 Dec 2020 18:07

Tgt Ion: 56 Resp: 46874
Ion Ratio Lower Upper
56 100
55 70.4 55.9 83.9

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

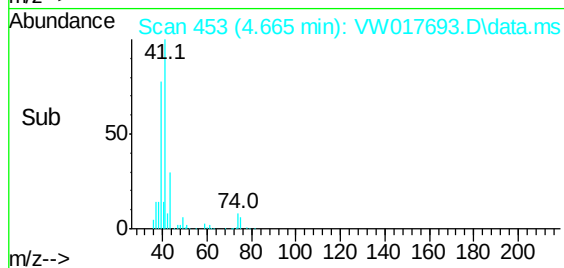
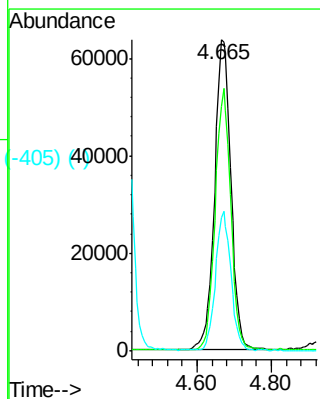
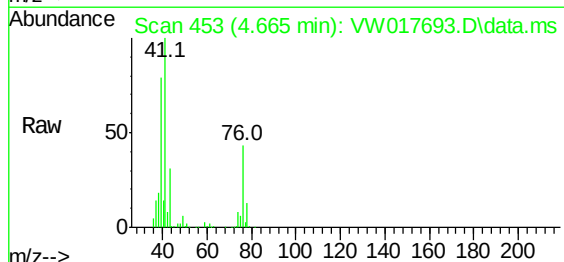
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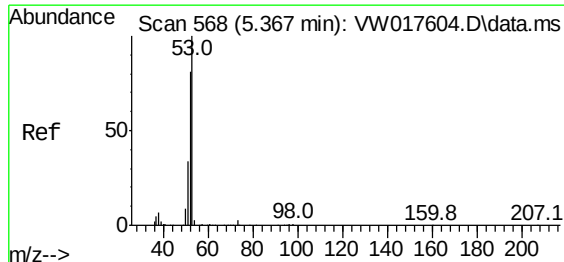
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12/22/2020 11:17:52 AM



#119 (-)
Allyl chloride
Concen: 42.48 ug/l
RT: 4.665 min Scan# 453
Delta R.T. -0.007 min
Lab File: VW017693.D
Acq: 21 Dec 2020 18:07

Tgt Ion: 41 Resp: 197208
Ion Ratio Lower Upper
41 100
39 80.1 57.8 86.8
76 41.6 35.1 52.7





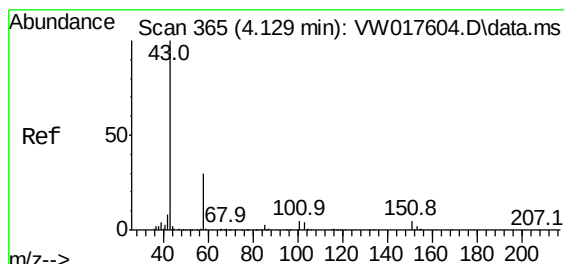
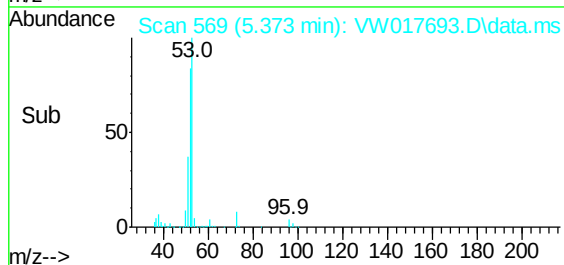
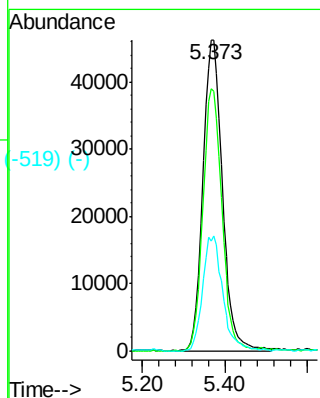
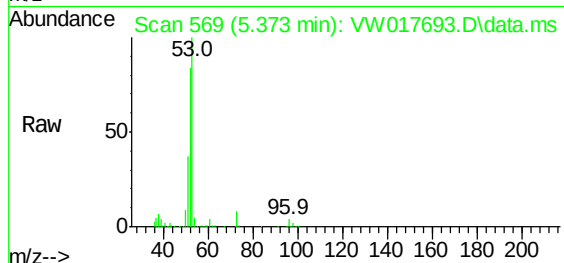
#55 (-)
Acrylonitrile
Concen: 230.26 ug/l
RT: 5.373 min Scan# 569
Delta R.T. 0.006 min
Lab File: VW017693.D
Acq: 21 Dec 2020 18:07

Tgt Ion: 53 Resp: 151171
Ion Ratio Lower Upper
53 100
52 82.2 65.0 97.4
51 38.0 29.1 43.7

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

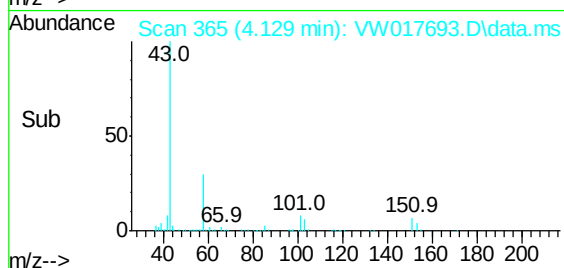
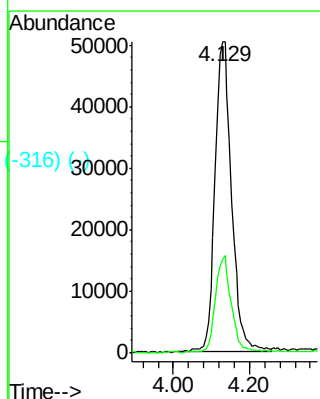
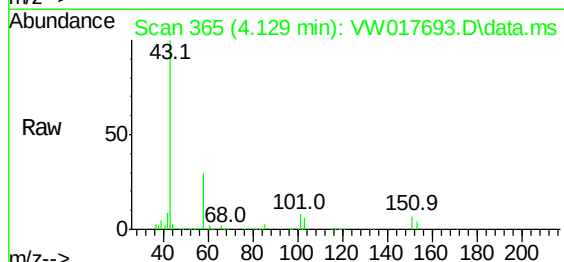
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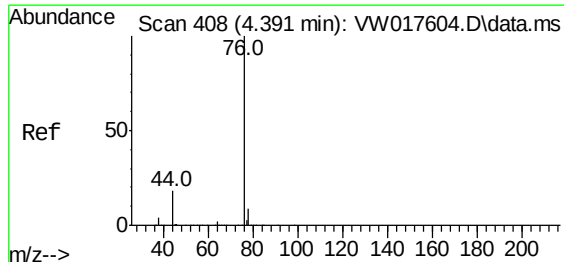
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12/22/2020 11:17:52 AM



#416 (-)
Acetone
Concen: 215.04 ug/l
RT: 4.129 min Scan# 365
Delta R.T. -0.000 min
Lab File: VW017693.D
Acq: 21 Dec 2020 18:07

Tgt Ion: 43 Resp: 152145
Ion Ratio Lower Upper
43 100
58 29.6 25.7 38.5





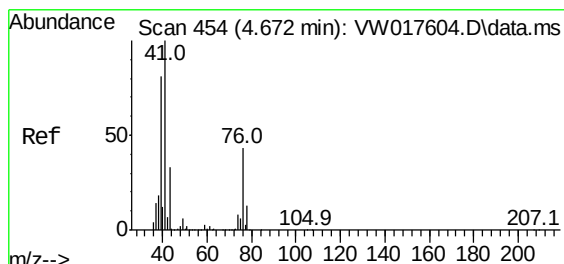
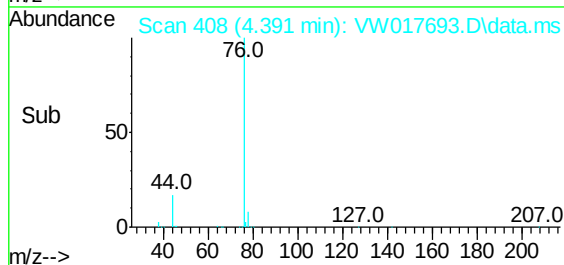
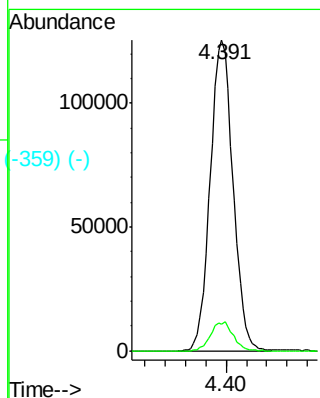
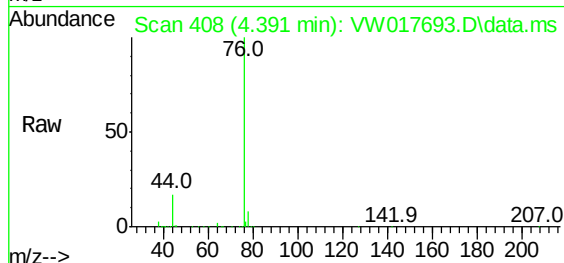
Carbon Disulfide
Concen: 44.25 ug/l
RT: 4.391 min Scan# 408
Delta R.T. 0.000 min
Lab File: VW017693.D
Acq: 21 Dec 2020 18:07

Tgt Ion: 76 Resp: 390075
Ion Ratio Lower Upper
76 100
78 8.4 7.4 11.2

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

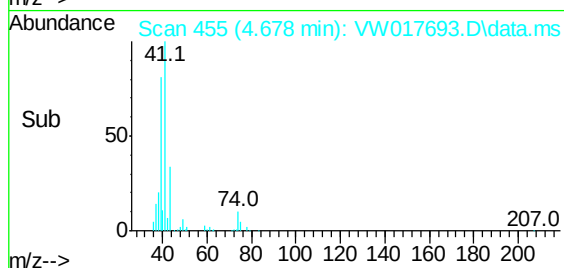
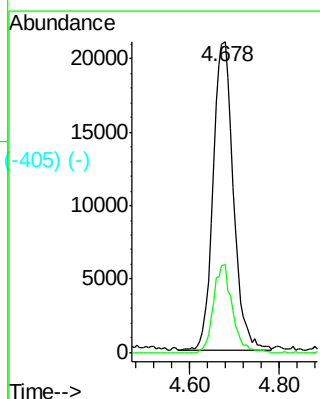
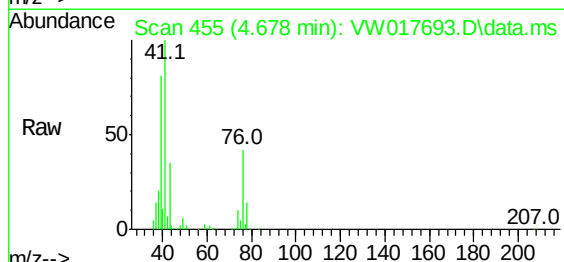
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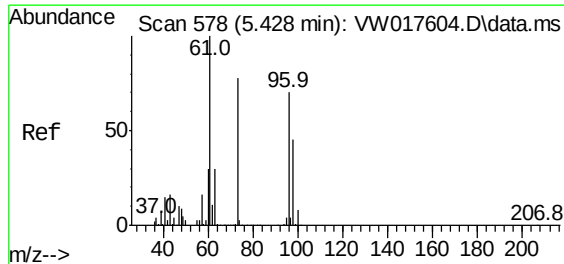
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12/22/2020 11:17:52 AM



Methyl Acetate
Concen: 45.71 ug/l
RT: 4.678 min Scan# 455
Delta R.T. 0.006 min
Lab File: VW017693.D
Acq: 21 Dec 2020 18:07

Tgt Ion: 43 Resp: 65735
Ion Ratio Lower Upper
43 100
74 26.4 23.8 35.6



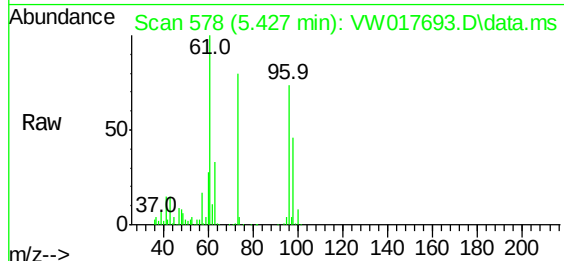


Methyl tert-butyl Ether
Concen: 48.07 ug/l
RT: 5.427 min Scan# 578
Delta R.T. -0.001 min
Lab File: VW017693.D
Acq: 21 Dec 2020 18:07

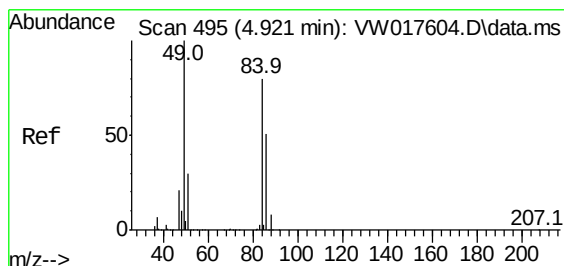
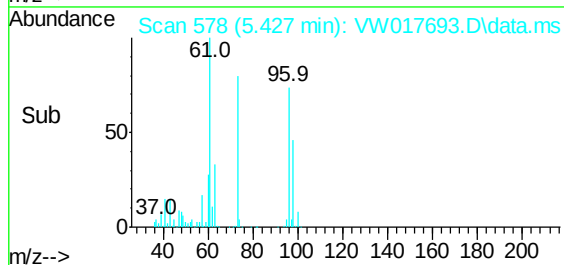
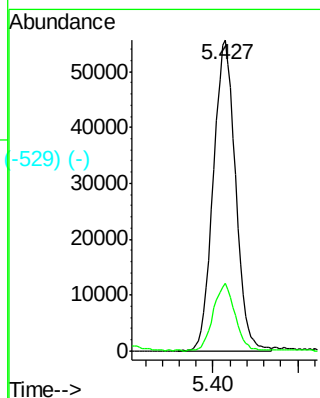
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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12/22/2020 11:17:52 AM

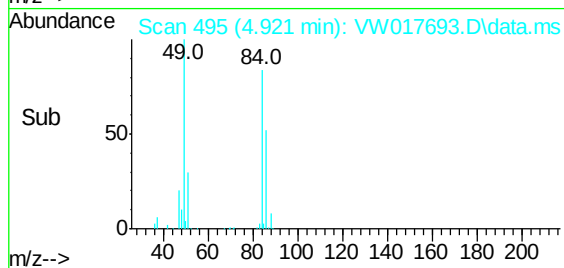
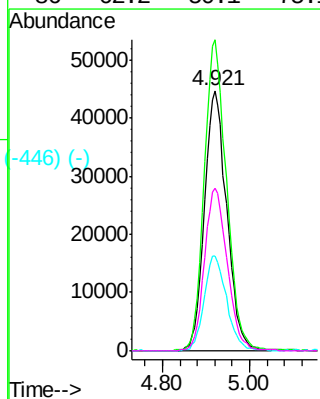
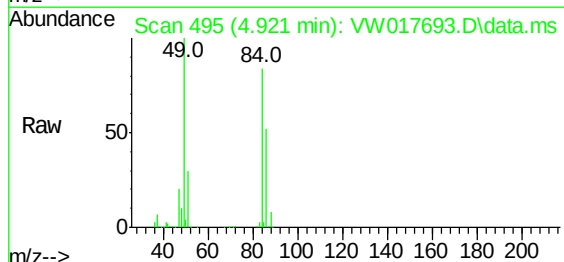


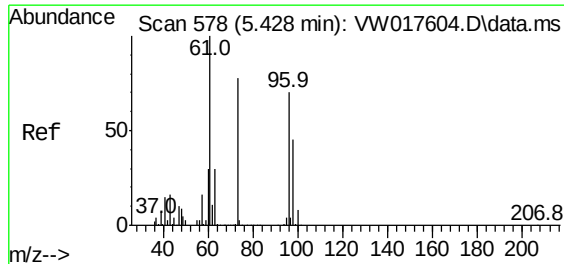
Tgt Ion: 73 Resp: 196023
Ion Ratio Lower Upper
73 100
57 21.5 16.1 24.1



Methylene Chloride
Concen: 53.14 ug/l
RT: 4.921 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW017693.D
Acq: 21 Dec 2020 18:07

Tgt Ion: 84 Resp: 158674
Ion Ratio Lower Upper
84 100
49 119.4 79.0 118.6#
51 36.4 26.1 39.1
86 62.2 50.1 75.1



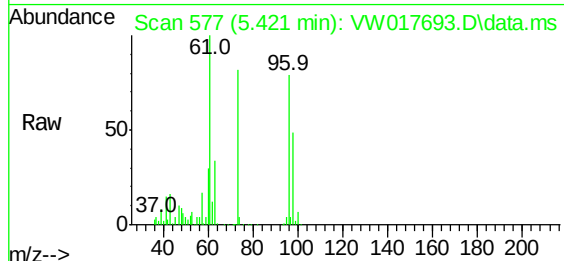


#21 (-)
trans-1,2-Dichloroethene
Concen: 47.35 ug/l
RT: 5.421 min Scan# 577
Delta R.T. -0.007 min
Lab File: VW017693.D
Acq: 21 Dec 2020 18:07

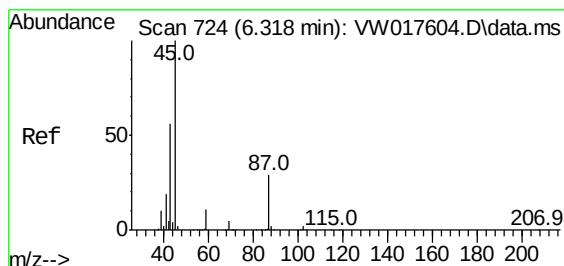
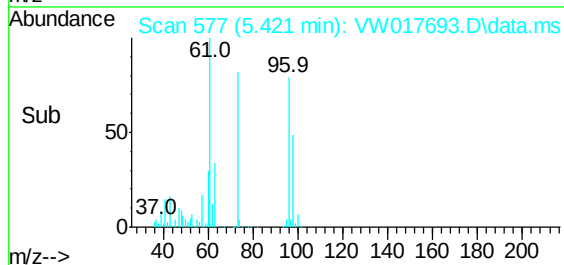
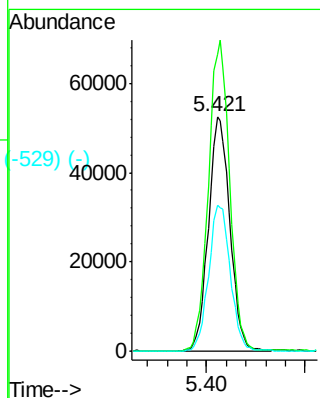
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

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12/22/2020 11:17:52 AM

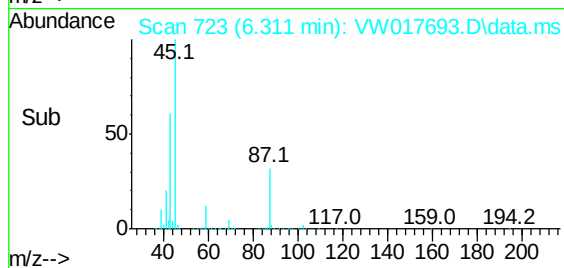
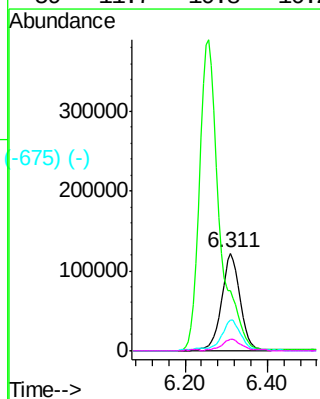
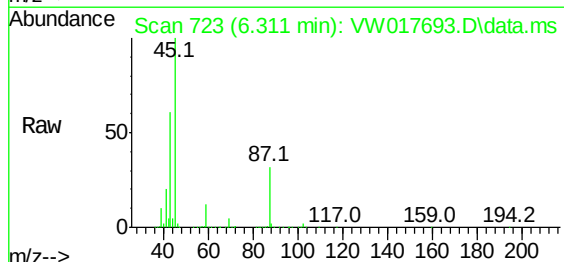


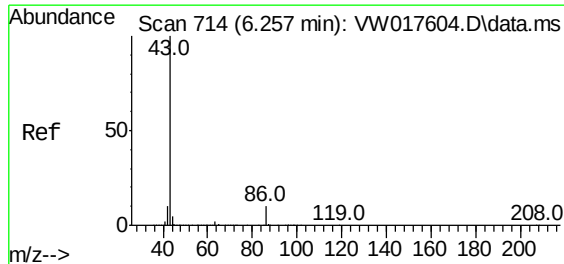
Tgt Ion: 96 Resp: 158544
Ion Ratio Lower Upper
96 100
61 126.4 97.4 146.0
98 62.0 49.4 74.0



#22 (-)
Diisopropyl ether
Concen: 46.13 ug/l
RT: 6.311 min Scan# 723
Delta R.T. -0.007 min
Lab File: VW017693.D
Acq: 21 Dec 2020 18:07

Tgt Ion: 45 Resp: 390919
Ion Ratio Lower Upper
45 100
43 60.8 43.8 65.8
87 31.5 27.6 41.4
59 11.7 10.8 16.2



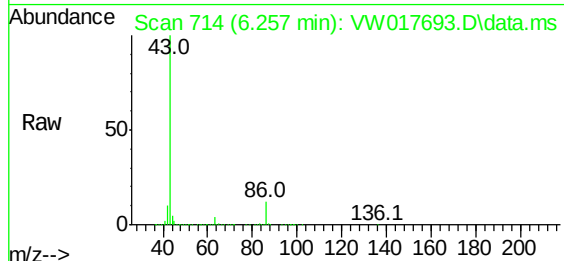


#23 (-)
Vinyl Acetate
Concen: 226.73 ug/l
RT: 6.257 min Scan# 714
Delta R.T. -0.000 min
Lab File: VW017693.D
Acq: 21 Dec 2020 18:07

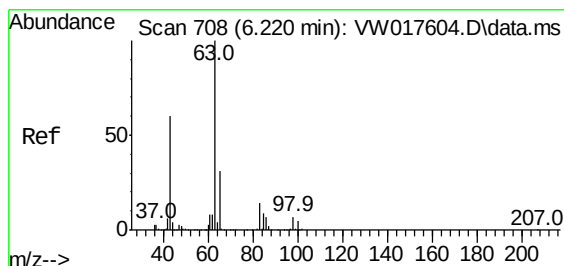
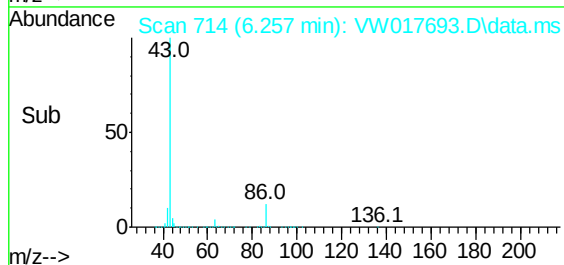
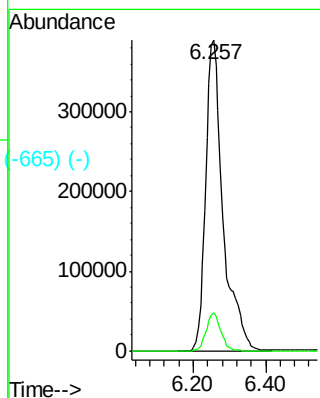
Instrument :
MSVOA_W
ClientSampleId :
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12/22/2020 11:17:52 AM

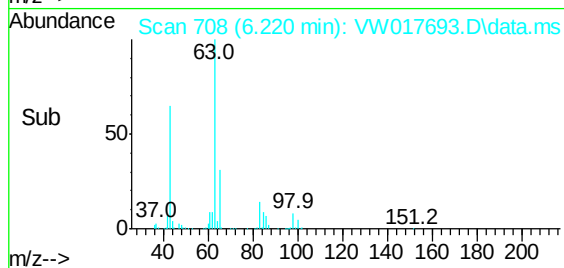
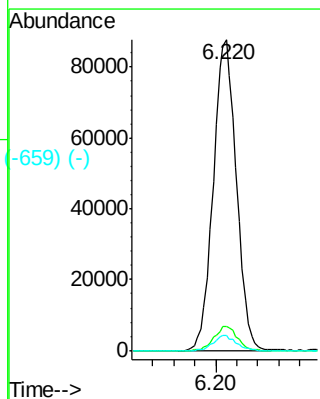
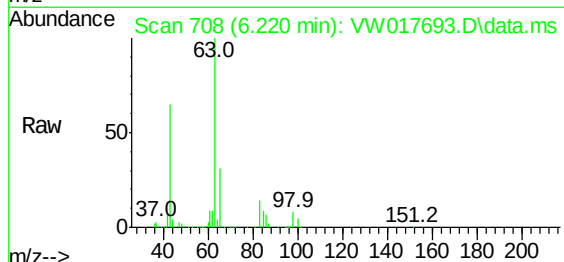


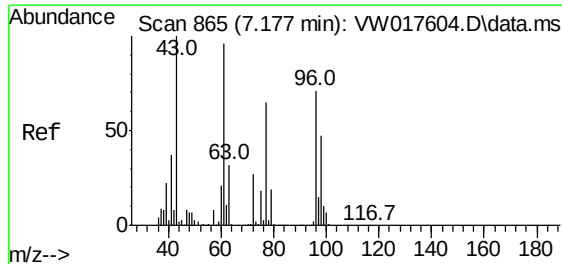
Tgt Ion: 43 Resp: 1293048
Ion Ratio Lower Upper
43 100
86 12.3 10.2 15.4



#24 (-)
1,1-Dichloroethane
Concen: 46.22 ug/l
RT: 6.220 min Scan# 708
Delta R.T. -0.000 min
Lab File: VW017693.D
Acq: 21 Dec 2020 18:07

Tgt Ion: 63 Resp: 265885
Ion Ratio Lower Upper
63 100
98 7.6 4.2 12.6
100 4.8 2.6 7.8





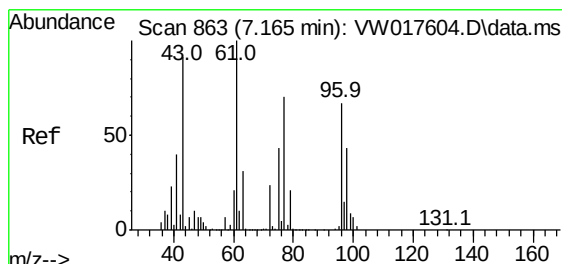
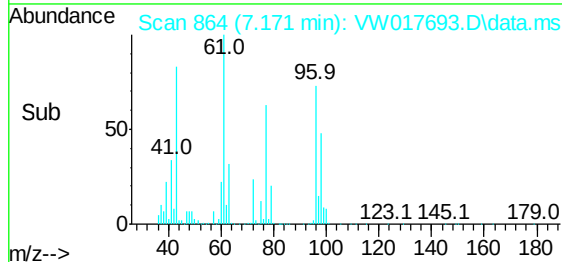
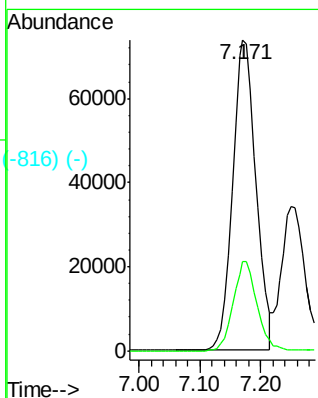
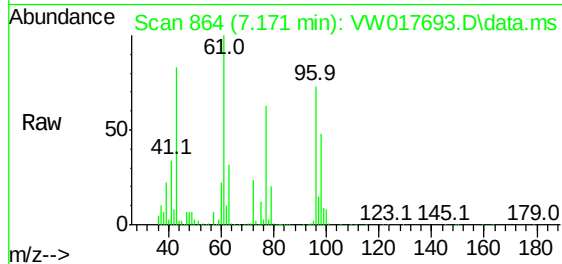
2-Butanone
Concen: 209.66 ug/l
RT: 7.171 min Scan# 864
Delta R.T. -0.006 min
Lab File: VW017693.D
Acq: 21 Dec 2020 18:07

Tgt Ion: 43 Resp: 197521
Ion Ratio Lower Upper
43 100
72 28.9 25.4 38.2

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

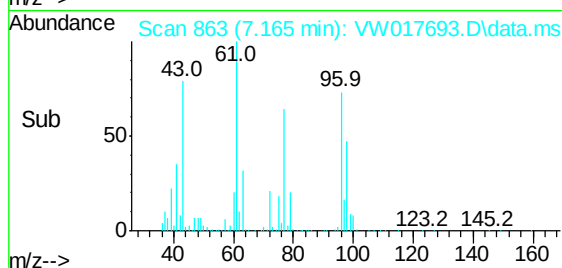
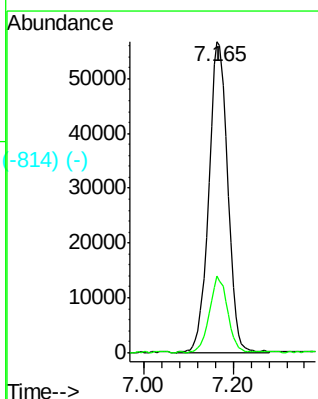
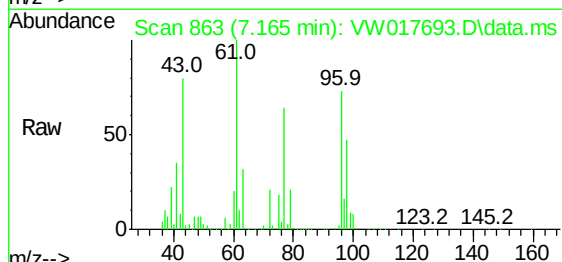
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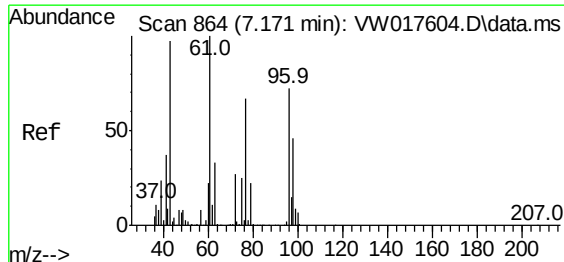
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12/22/2020 11:17:52 AM



2,2-Dichloropropane
Concen: 45.79 ug/l
RT: 7.165 min Scan# 863
Delta R.T. -0.000 min
Lab File: VW017693.D
Acq: 21 Dec 2020 18:07

Tgt Ion: 77 Resp: 165098
Ion Ratio Lower Upper
77 100
97 23.4 12.4 37.4





cis-1,2-Dichloroethene
Concen: 48.64 ug/l
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW017693.D
Acq: 21 Dec 2020 18:07

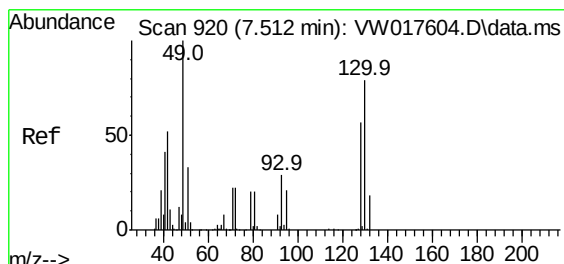
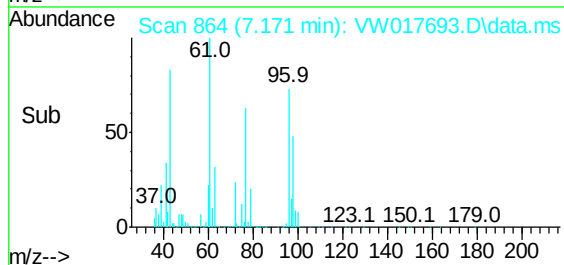
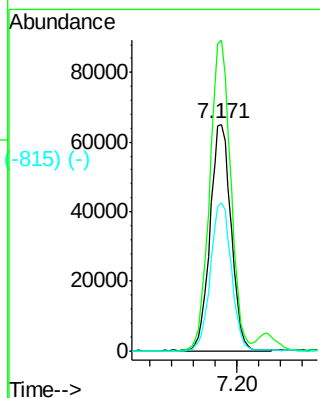
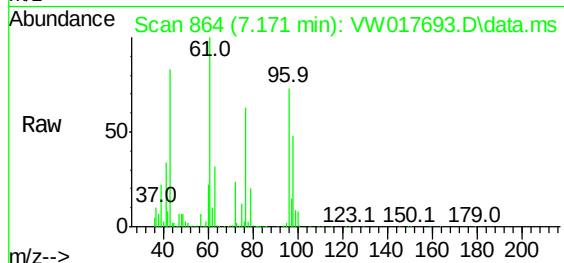
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 173984

Ion	Ratio	Lower	Upper
96	100		
61	137.7	0.0	249.6
98	65.1	0.0	129.4

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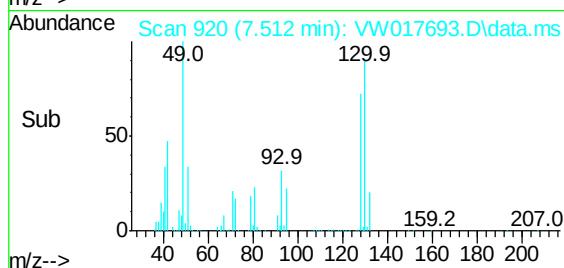
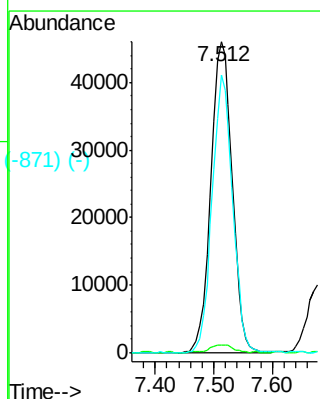
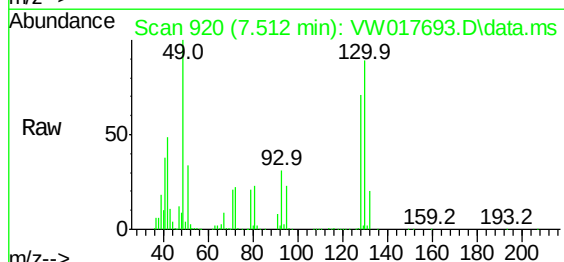
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12/22/2020 11:17:52 AM

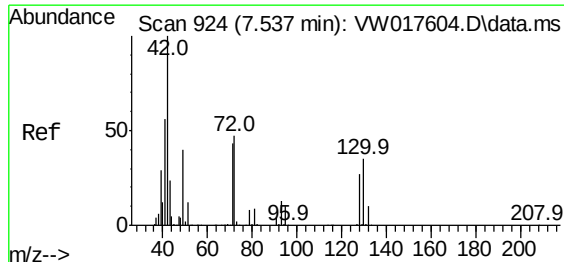


Bromochloromethane
Concen: 47.59 ug/l
RT: 7.512 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW017693.D
Acq: 21 Dec 2020 18:07

Tgt Ion: 49 Resp: 116425

Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.8
130	85.9	81.3	121.9





Tetrahydrofuran
Concen: 229.47 ug/l
RT: 7.531 min Scan# 923
Delta R.T. -0.006 min
Lab File: VW017693.D
Acq: 21 Dec 2020 18:07

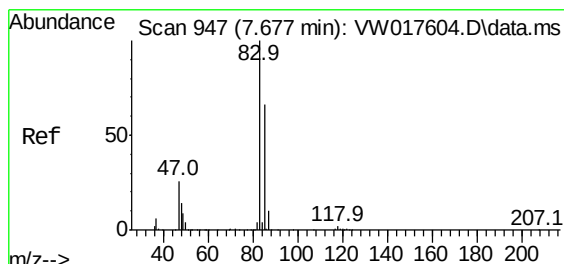
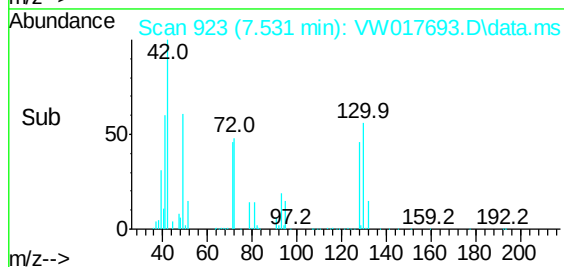
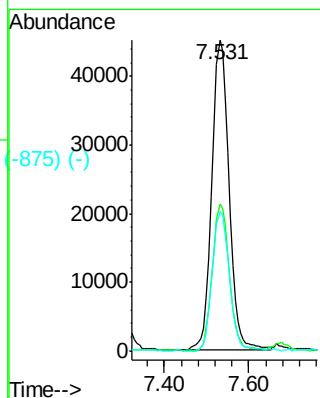
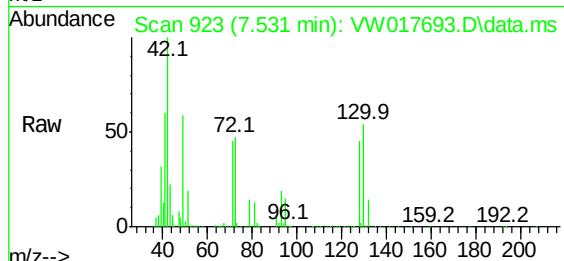
Tgt Ion: 42 Resp: 121600

Ion	Ratio	Lower	Upper
42	100		
72	47.1	42.0	63.0
71	44.8	39.0	58.6

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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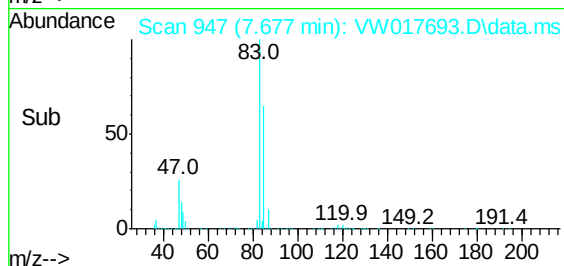
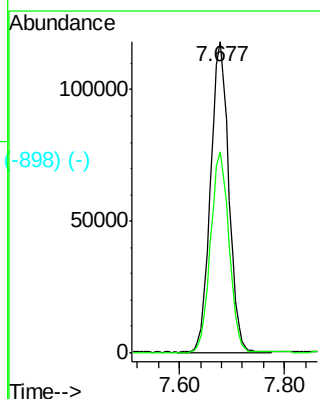
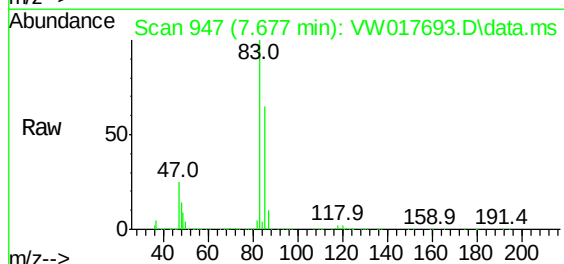
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12/22/2020 11:17:52 AM

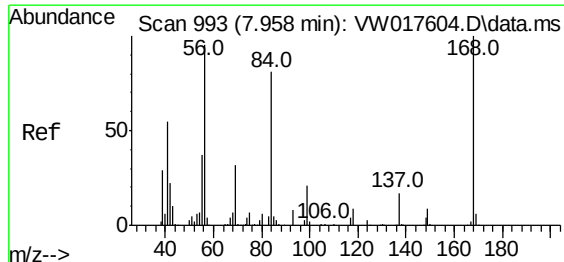


Chloroform
Concen: 48.63 ug/l
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW017693.D
Acq: 21 Dec 2020 18:07

Tgt Ion: 83 Resp: 284153

Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.7	77.5





Cyclohexane
Concen: 41.79 ug/l
RT: 7.957 min Scan# 993
Delta R.T. -0.001 min
Lab File: VW017693.D
Acq: 21 Dec 2020 18:07

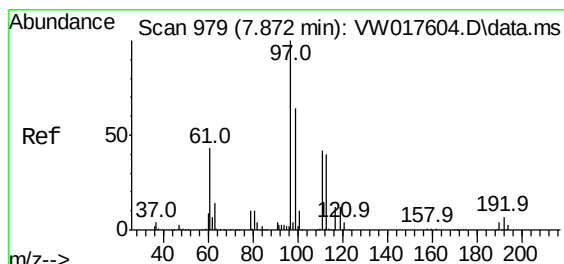
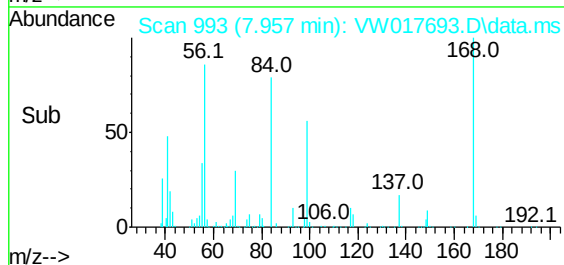
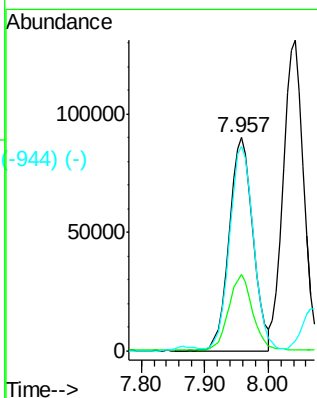
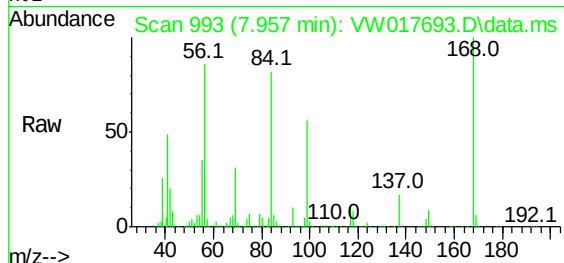
Tgt Ion: 56 Resp: 234683

Ion	Ratio	Lower	Upper
56	100		
69	35.4	29.3	43.9
84	94.6	80.5	120.7

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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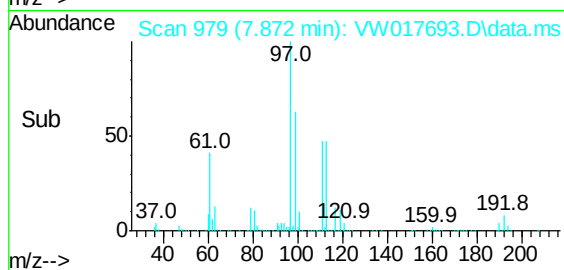
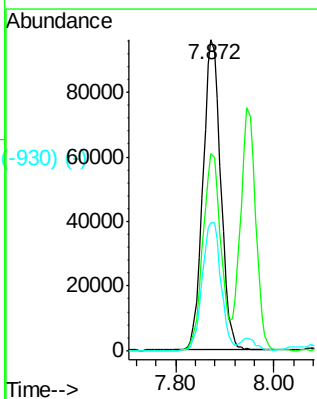
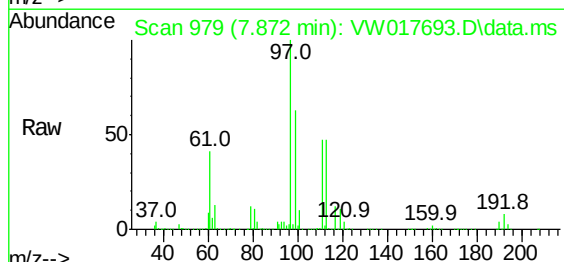
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12/22/2020 11:17:52 AM

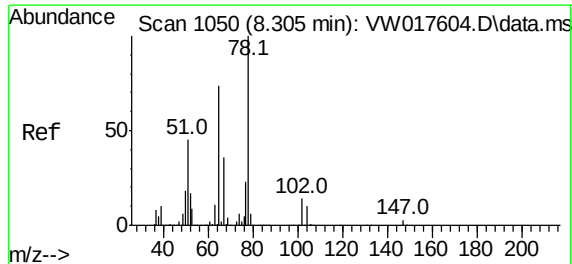


1,1,1-Trichloroethane
Concen: 48.47 ug/l
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW017693.D
Acq: 21 Dec 2020 18:07

Tgt Ion: 97 Resp: 242044

Ion	Ratio	Lower	Upper
97	100		
99	63.4	52.4	78.6
61	43.2	31.9	47.9





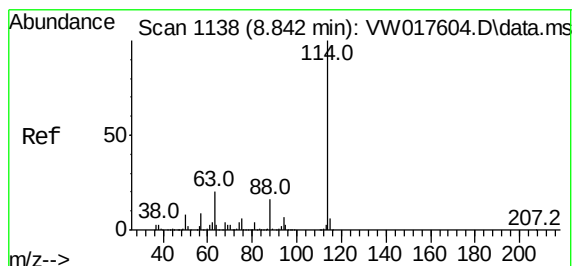
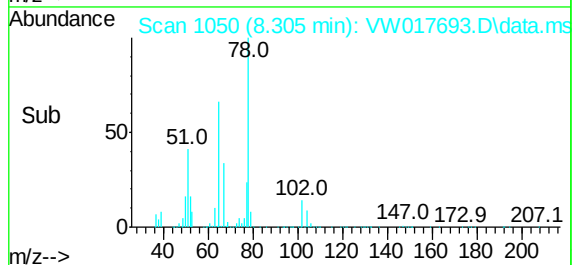
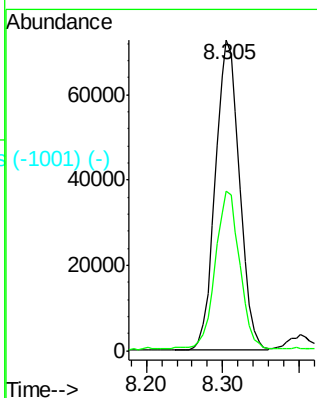
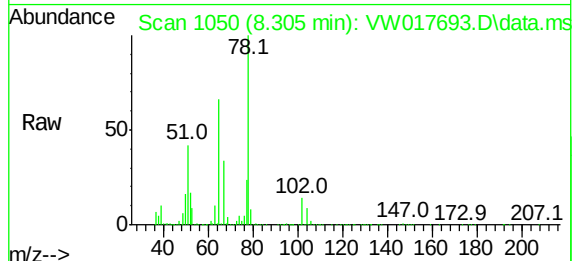
(#1050) (-)
1,2-Dichloroethane-d4
Concen: 49.32 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VW017693.D
Acq: 21 Dec 2020 18:07

Tgt Ion: 65 Resp: 160371
Ion Ratio Lower Upper
65 100
67 51.5 0.0 103.8

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

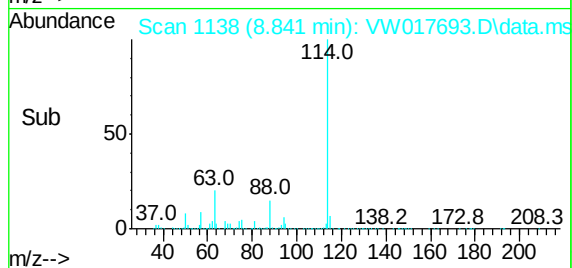
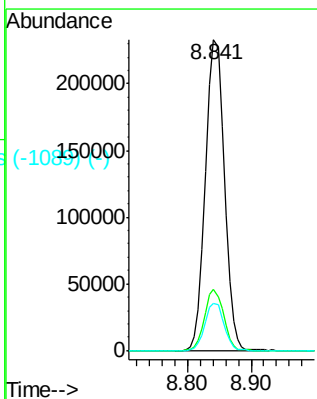
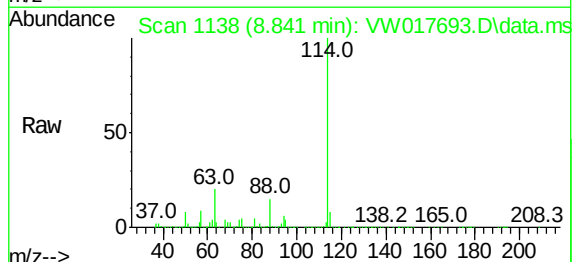
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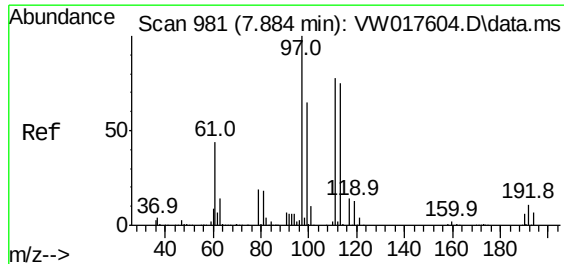
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12/22/2020 11:17:52 AM



(#1138) (-)
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.841 min Scan# 1138
Delta R.T. -0.001 min
Lab File: VW017693.D
Acq: 21 Dec 2020 18:07

Tgt Ion:114 Resp: 465258
Ion Ratio Lower Upper
114 100
63 19.7 0.0 35.6
88 15.2 0.0 30.4





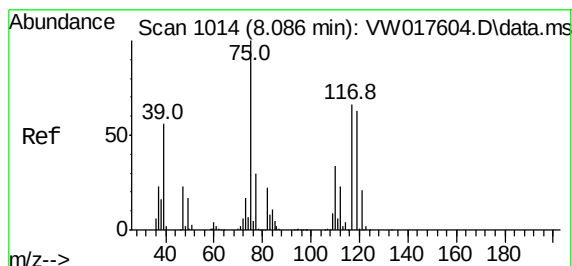
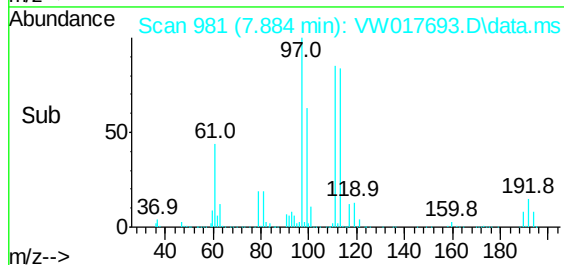
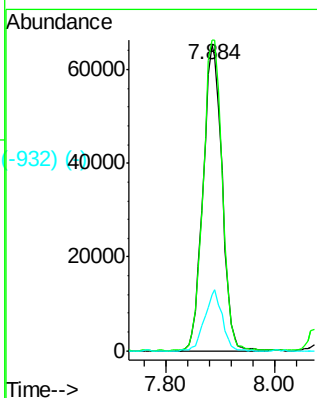
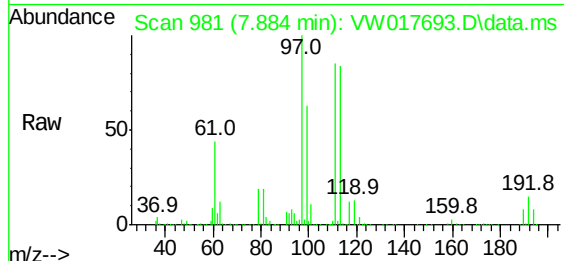
#935 (-)
Dibromofluoromethane
Concen: 50.97 ug/l
RT: 7.884 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW017693.D
Acq: 21 Dec 2020 18:07

Tgt Ion: 113 Resp: 156937
Ion Ratio Lower Upper
113 100
111 102.3 81.4 122.2
192 18.4 17.8 26.8

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

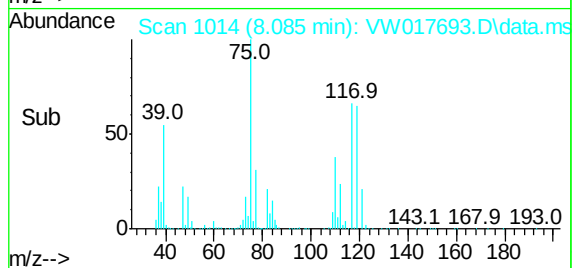
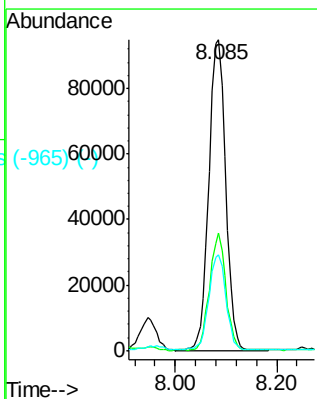
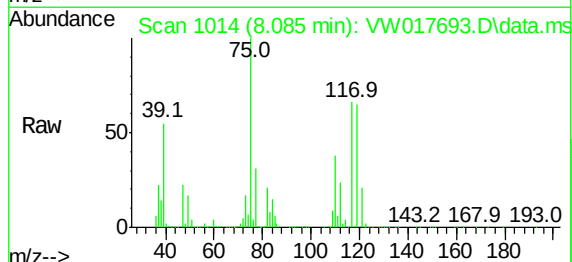
Manual Integrations
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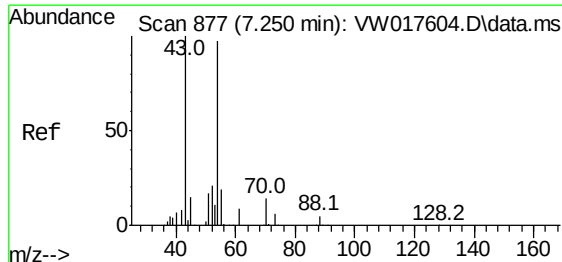
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12/22/2020 11:17:52 AM



#1001 (-)
1,1-Dichloropropene
Concen: 44.76 ug/l
RT: 8.085 min Scan# 1014
Delta R.T. -0.001 min
Lab File: VW017693.D
Acq: 21 Dec 2020 18:07

Tgt Ion: 75 Resp: 218014
Ion Ratio Lower Upper
75 100
110 36.6 19.3 57.9
77 30.8 25.0 37.6





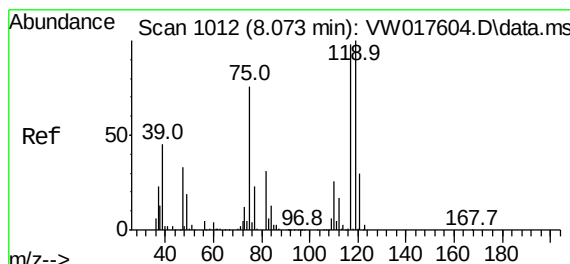
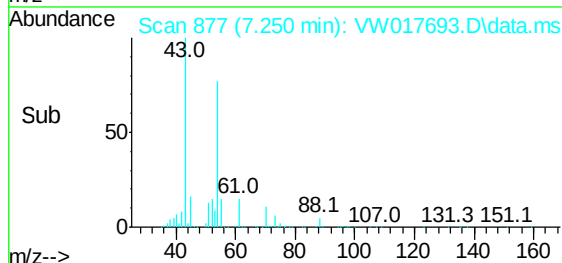
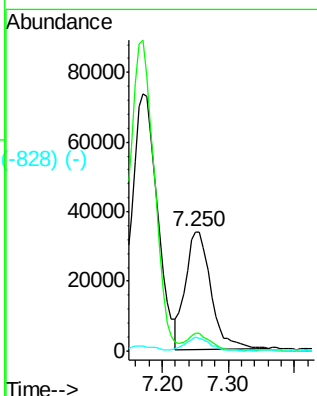
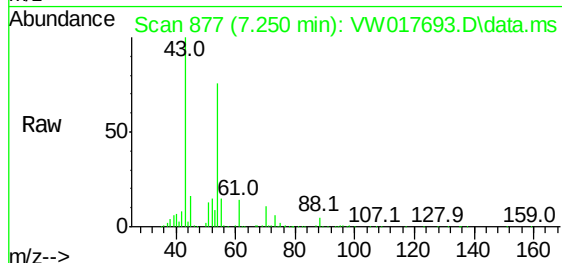
Ethyl Acetate
Concen: 44.29 ug/l
RT: 7.250 min Scan# 877
Delta R.T. 0.000 min
Lab File: VW017693.D
Acq: 21 Dec 2020 18:07

Tgt Ion:	43	Resp:	90145
Ion	Ratio	Lower	Upper
43	100		
61	14.1	12.0	18.0
70	11.0	9.9	14.9

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

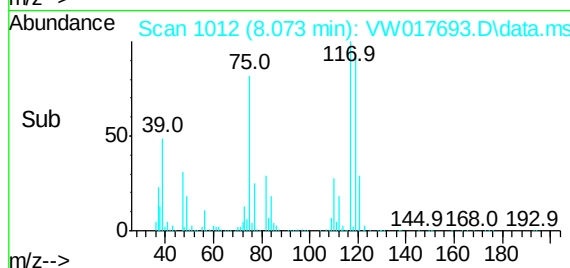
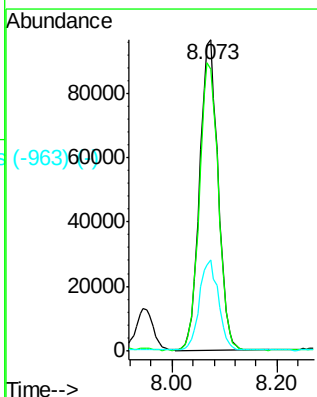
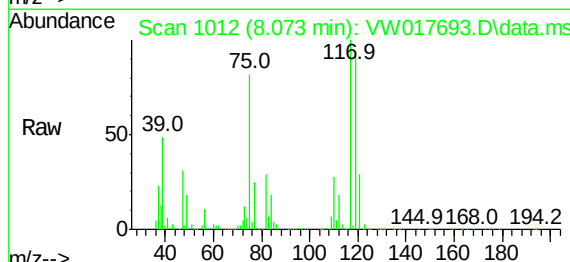
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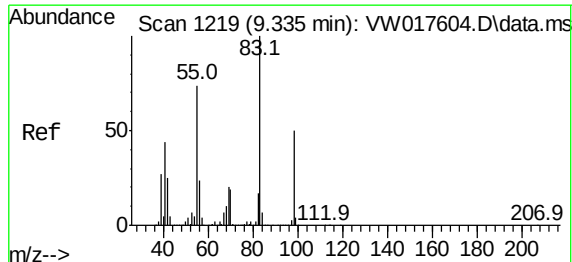
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12/22/2020 11:17:52 AM



Carbon Tetrachloride
Concen: 47.99 ug/l
RT: 8.073 min Scan# 1012
Delta R.T. 0.000 min
Lab File: VW017693.D
Acq: 21 Dec 2020 18:07

Tgt Ion:	117	Resp:	234941
Ion	Ratio	Lower	Upper
117	100		
119	90.7	81.6	122.4
121	28.8	25.7	38.5



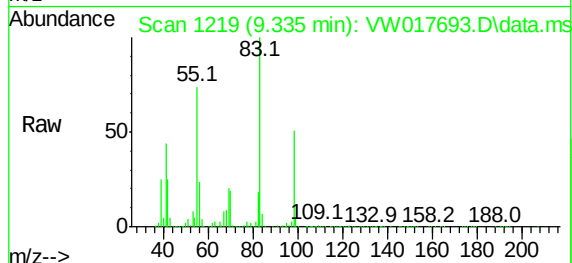


(#1206) (-)
Methylcyclohexane
Concen: 46.06 ug/l
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW017693.D
Acq: 21 Dec 2020 18:07

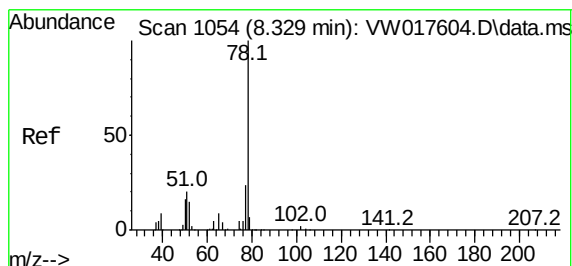
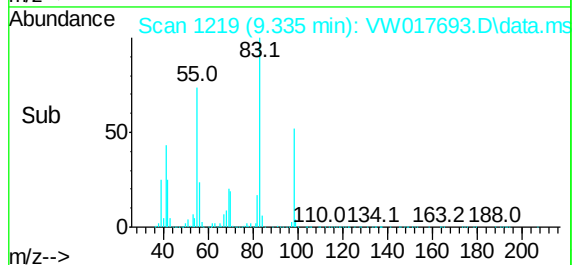
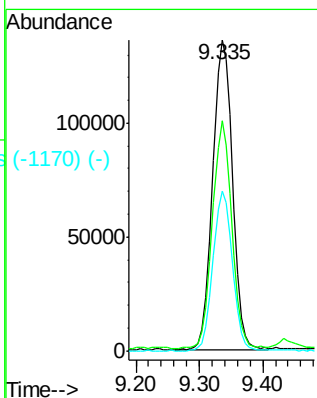
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

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12/22/2020 11:17:52 AM

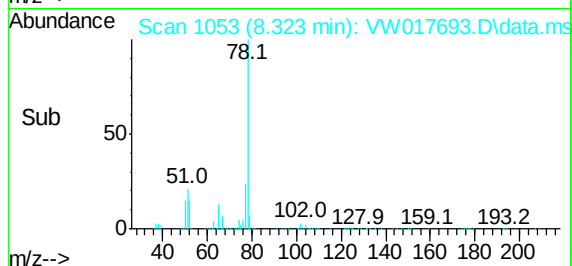
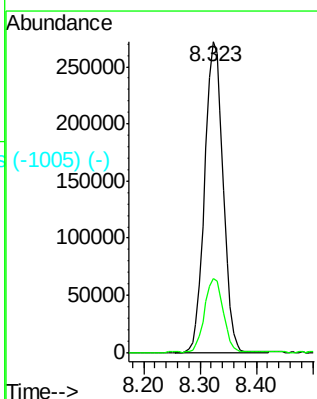
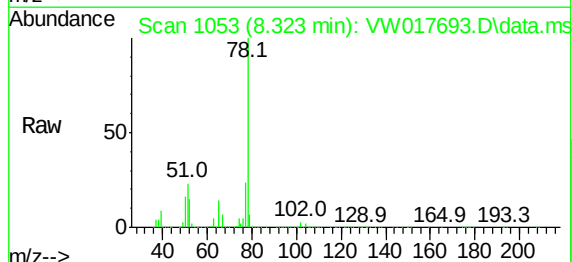


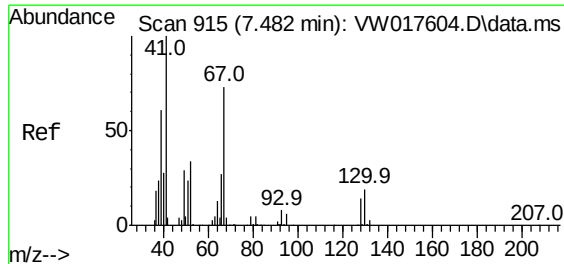
Tgt Ion: 83 Resp: 284173
Ion Ratio Lower Upper
83 100
55 73.6 51.7 77.5
98 51.7 41.0 61.4



(#1009) (-)
Benzene
Concen: 47.07 ug/l
RT: 8.323 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VW017693.D
Acq: 21 Dec 2020 18:07

Tgt Ion: 78 Resp: 607334
Ion Ratio Lower Upper
78 100
77 23.6 18.5 27.7





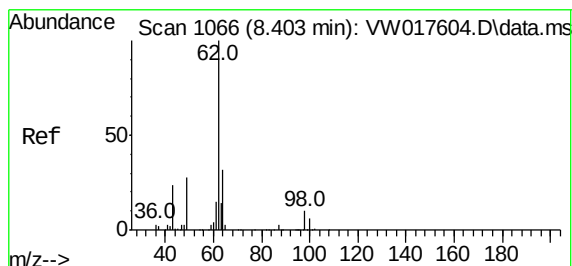
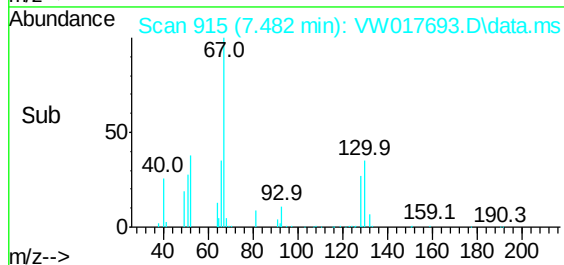
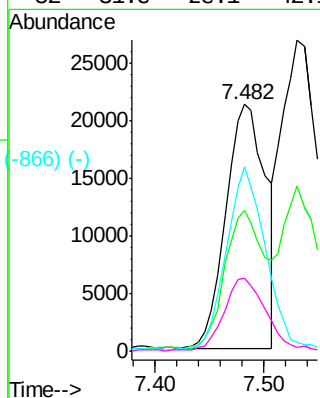
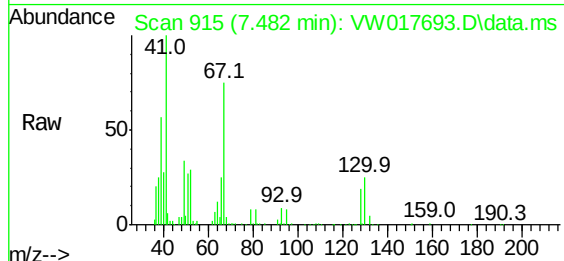
Methacrylonitrile
Concen: 46.71 ug/l
RT: 7.482 min Scan# 915
Delta R.T. -0.000 min
Lab File: VW017693.D
Acq: 21 Dec 2020 18:07

Tgt Ion:	41	Resp:	53708
Ion	Ratio	Lower	Upper
41	100		
39	56.5	47.0	70.6
67	75.0	68.6	102.8
52	31.5	28.1	42.1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

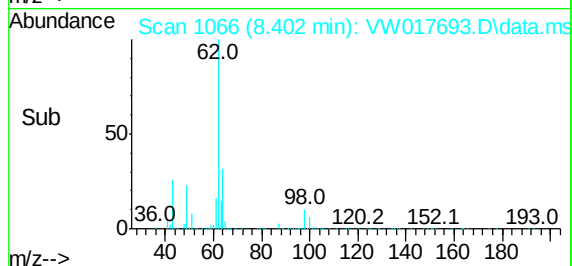
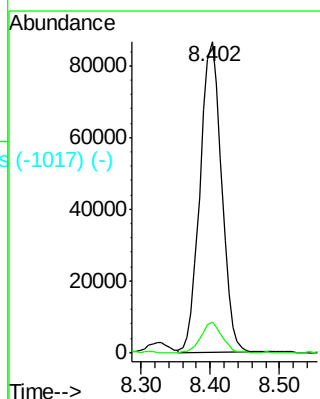
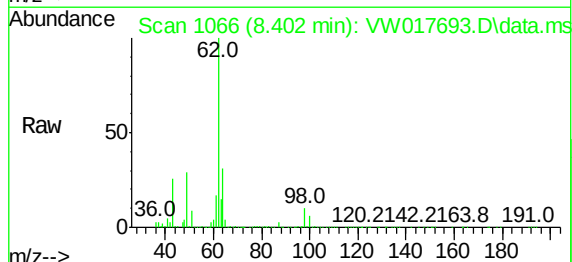
Manual Integrations
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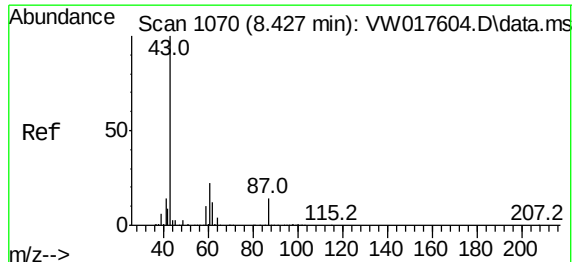
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12/22/2020 11:17:52 AM



1,2-Dichloroethane
Concen: 47.48 ug/l
RT: 8.402 min Scan# 1066
Delta R.T. -0.001 min
Lab File: VW017693.D
Acq: 21 Dec 2020 18:07

Tgt Ion:	62	Resp:	186532
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	21.0





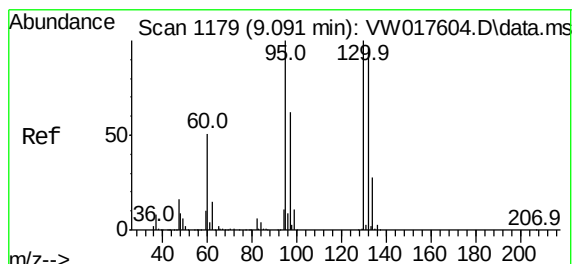
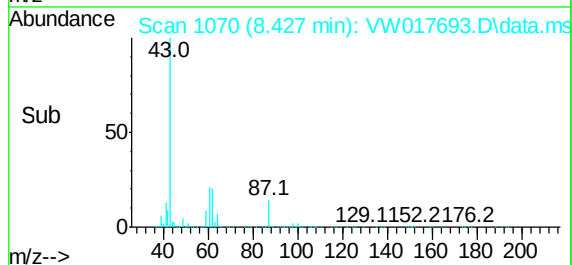
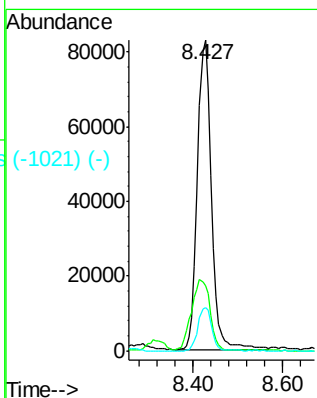
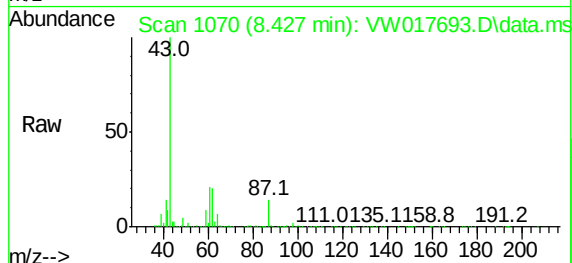
(#1061) (-)
Isopropyl Acetate
Concen: 47.03 ug/l
RT: 8.427 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW017693.D
Acq: 21 Dec 2020 18:07

Tgt Ion: 43 Resp: 179614
Ion Ratio Lower Upper
43 100
61 30.1 27.5 41.3
87 14.1 13.6 20.4

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

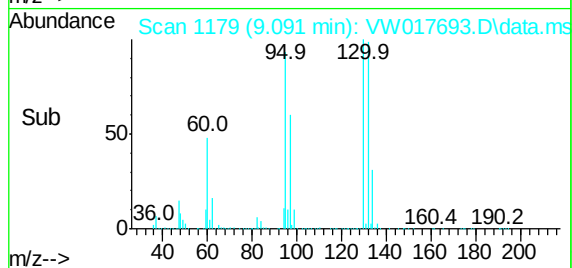
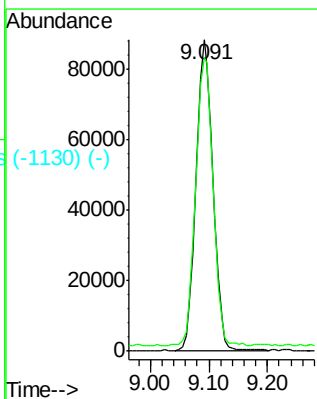
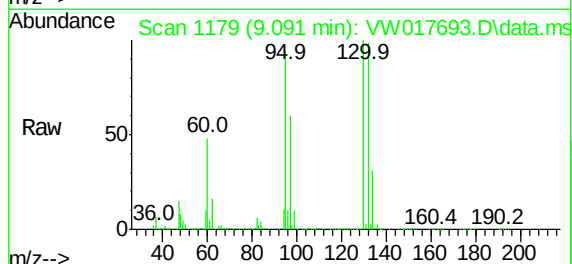
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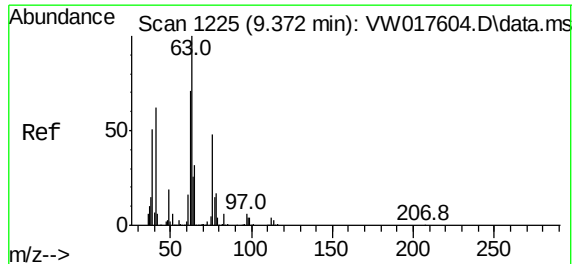
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12/22/2020 11:17:52 AM



(#1169) (-)
Trichloroethene
Concen: 49.52 ug/l
RT: 9.091 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW017693.D
Acq: 21 Dec 2020 18:07

Tgt Ion:130 Resp: 176247
Ion Ratio Lower Upper
130 100
95 92.7 0.0 180.2



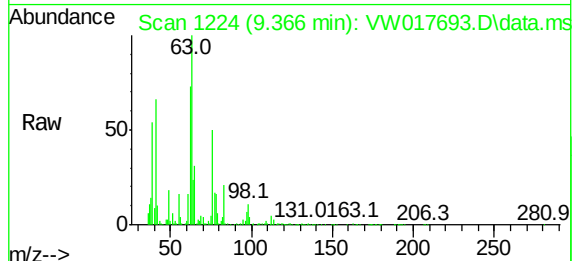


(#113) (-)
1,2-Dichloropropane
Concen: 45.73 ug/l
RT: 9.366 min Scan# 1224
Delta R.T. -0.006 min
Lab File: VW017693.D
Acq: 21 Dec 2020 18:07

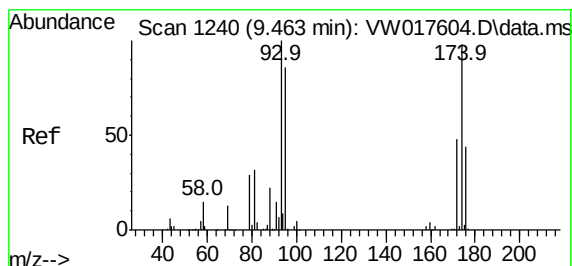
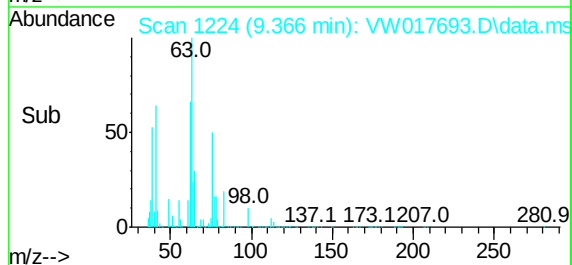
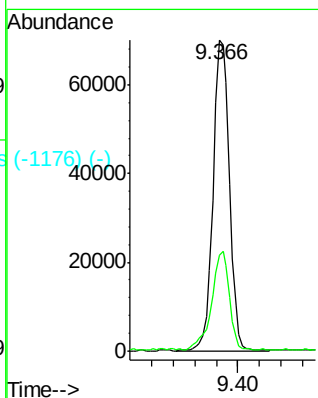
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

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12/22/2020 11:17:52 AM

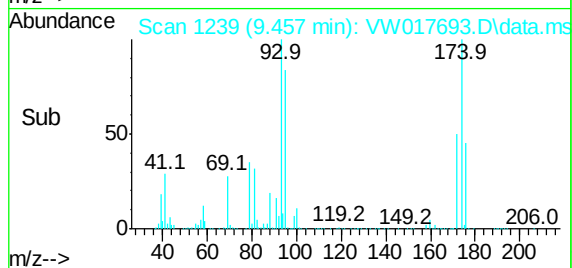
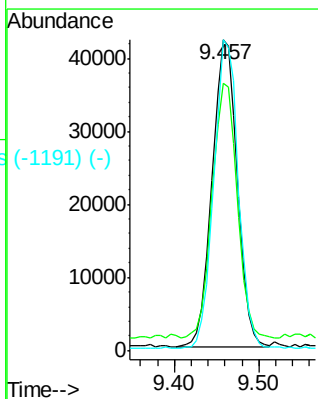
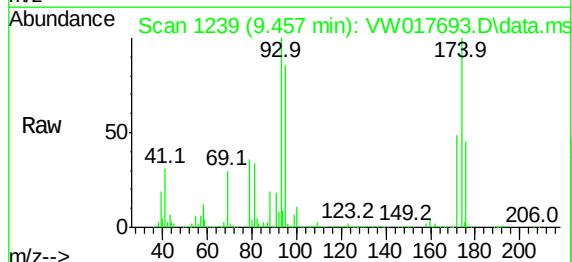


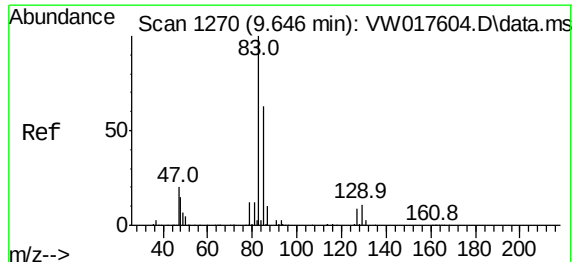
Tgt Ion: 63 Resp: 145595
Ion Ratio Lower Upper
63 100
65 30.2 25.1 37.7



(#112) (-)
Dibromomethane
Concen: 47.42 ug/l
RT: 9.457 min Scan# 1239
Delta R.T. -0.006 min
Lab File: VW017693.D
Acq: 21 Dec 2020 18:07

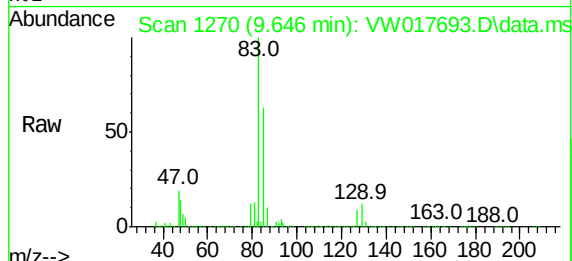
Tgt Ion: 93 Resp: 84490
Ion Ratio Lower Upper
93 100
95 82.9 66.5 99.7
174 98.3 91.0 136.6





(#1258) (-)
Bromodichloromethane
Concen: 48.29 ug/l
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW017693.D
Acq: 21 Dec 2020 18:07

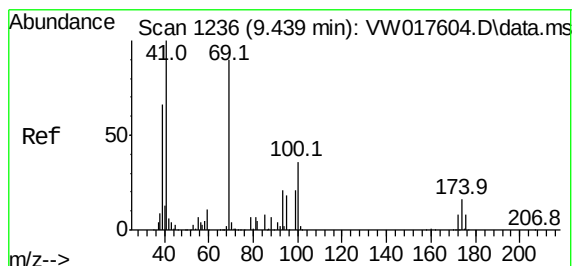
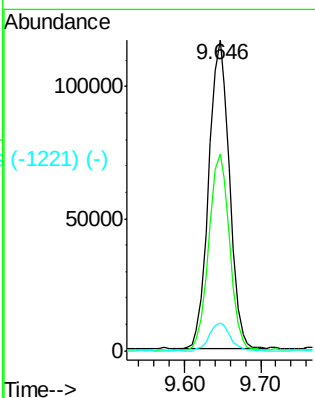
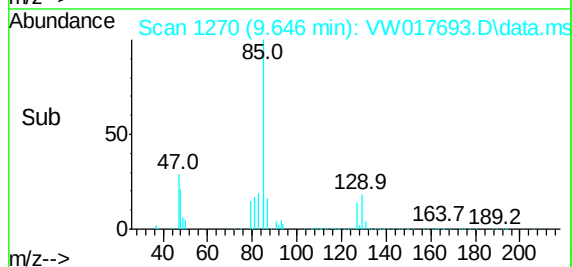
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC



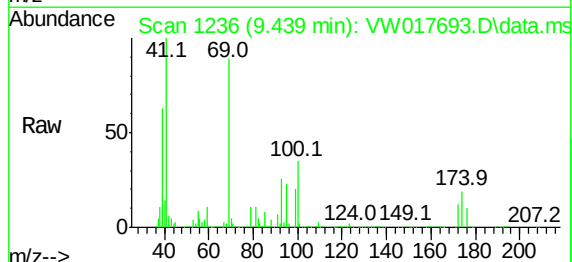
Tgt Ion: 83 Resp: 219238
Ion Ratio Lower Upper
83 100
85 63.8 52.7 79.1
127 9.1 7.8 11.6

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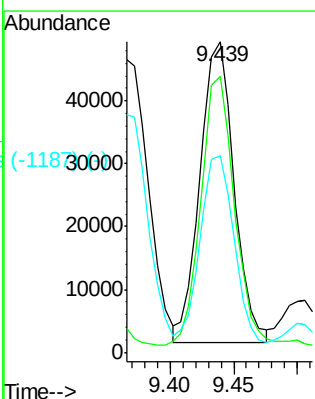
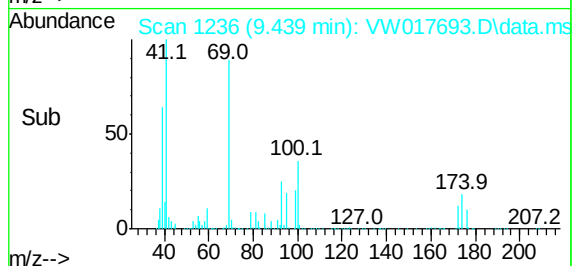
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12/22/2020 11:17:52 AM

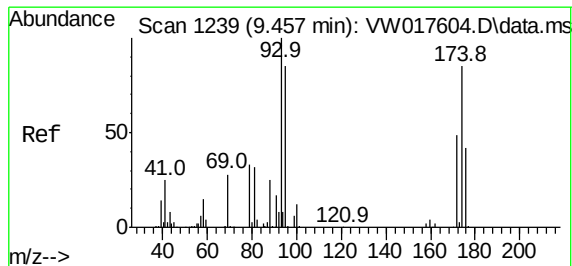


(#1230) (-)
Methyl methacrylate
Concen: 46.65 ug/l
RT: 9.439 min Scan# 1236
Delta R.T. -0.000 min
Lab File: VW017693.D
Acq: 21 Dec 2020 18:07



Tgt Ion: 41 Resp: 87413
Ion Ratio Lower Upper
41 100
69 87.3 83.5 125.3
39 61.4 50.9 76.3





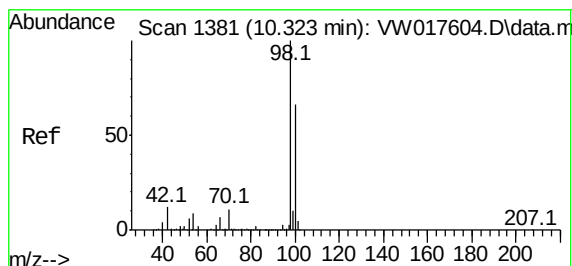
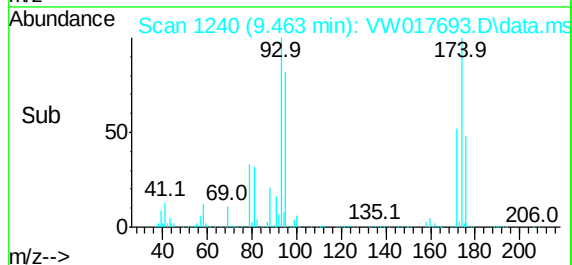
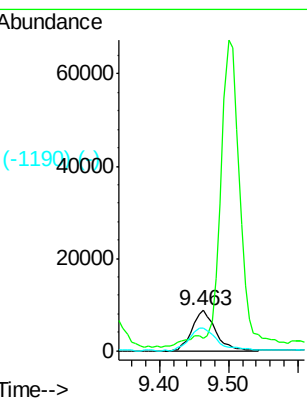
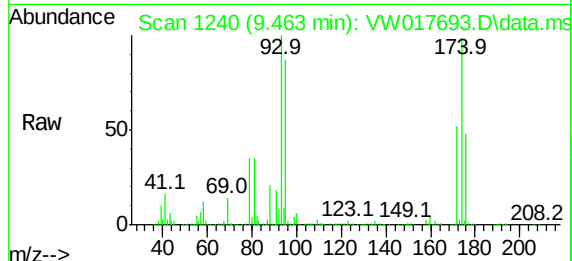
#1239 (-)
1,4-Dioxane
Concen: 930.76 ug/l
RT: 9.463 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VW017693.D
Acq: 21 Dec 2020 18:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 20512
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 70.6 54.0 81.0

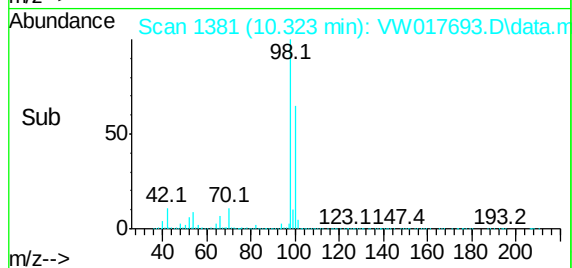
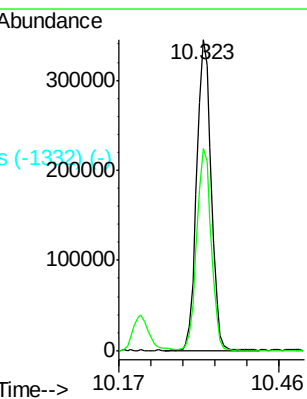
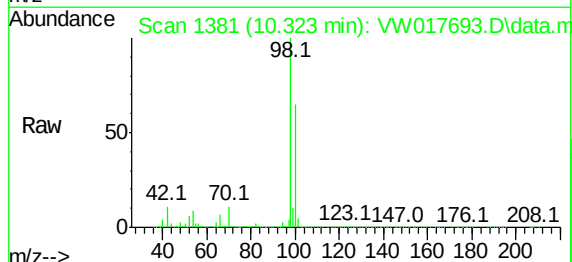
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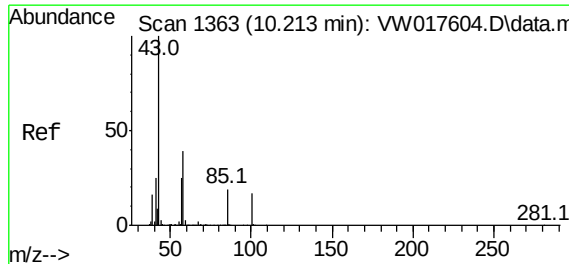
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12/22/2020 11:17:52 AM



#1381 (-)
To Luene-d8
Concen: 50.05 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VW017693.D
Acq: 21 Dec 2020 18:07

Tgt Ion: 98 Resp: 599952
Ion Ratio Lower Upper
98 100
100 65.6 53.3 79.9



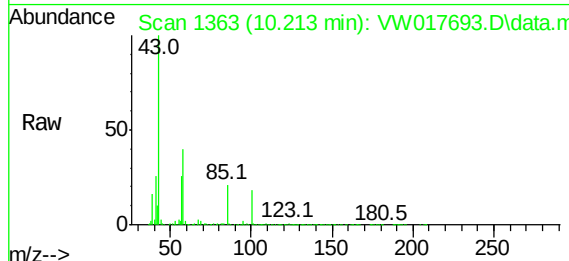


#51853 (-)
4-Methyl-2-Pentanone
Concen: 233.11 ug/l
RT: 10.213 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VW017693.D
Acq: 21 Dec 2020 18:07

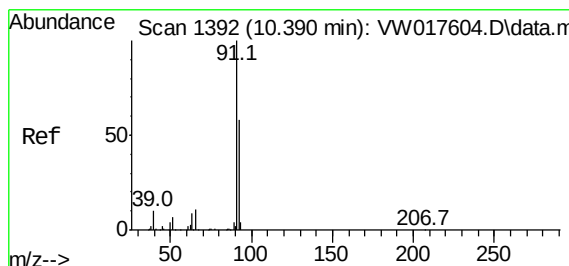
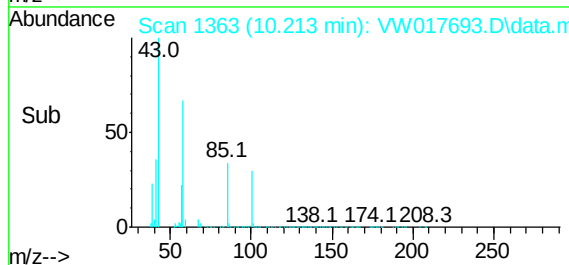
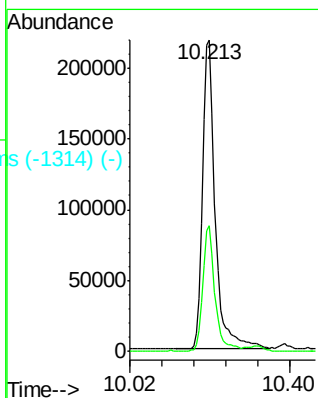
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

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12/22/2020 11:17:52 AM



Tgt Ion: 43 Resp: 443097
Ion Ratio Lower Upper
43 100
58 38.5 34.7 52.1

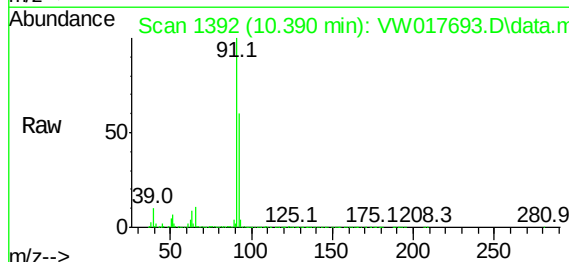


#51883 (-)
ToLuene
Concen: 50.00 ug/l
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW017693.D
Acq: 21 Dec 2020 18:07

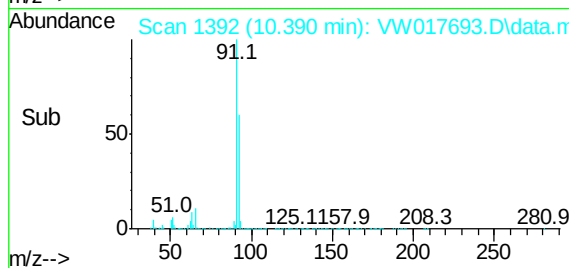
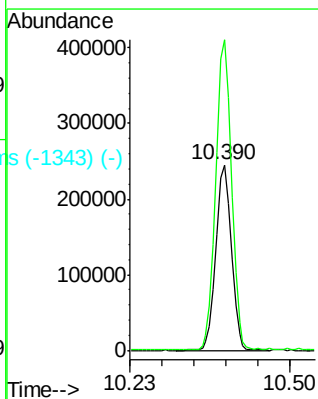
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

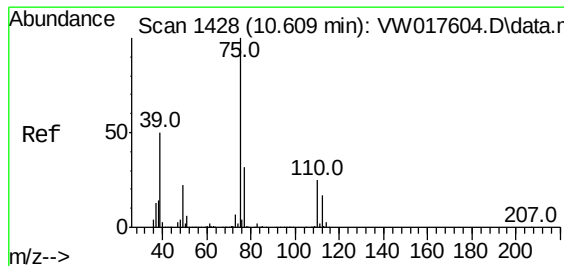
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12/22/2020 11:17:52 AM



Tgt Ion: 92 Resp: 421936
Ion Ratio Lower Upper
92 100
91 170.1 134.7 202.1



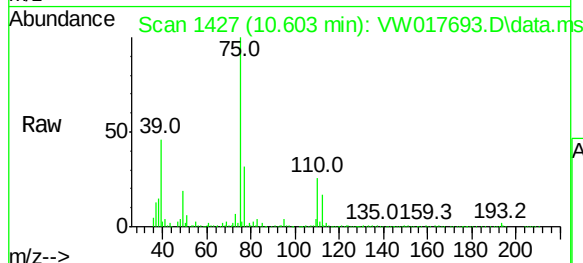


#53
t-1,3-Dichloropropene
Concen: 47.33 ug/l
RT: 10.603 min Scan# 1427
Delta R.T. -0.006 min
Lab File: VW017693.D
Acq: 21 Dec 2020 18:07

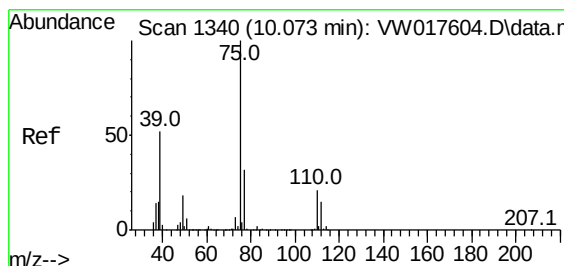
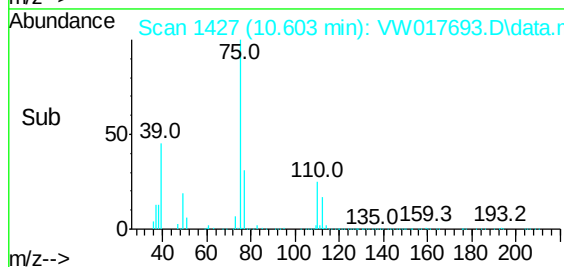
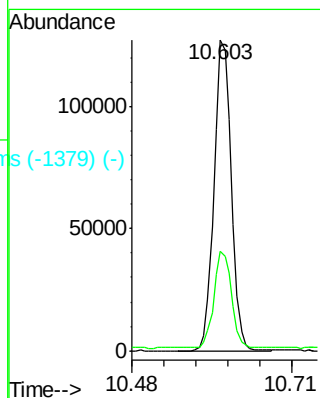
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

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12/22/2020 11:17:52 AM

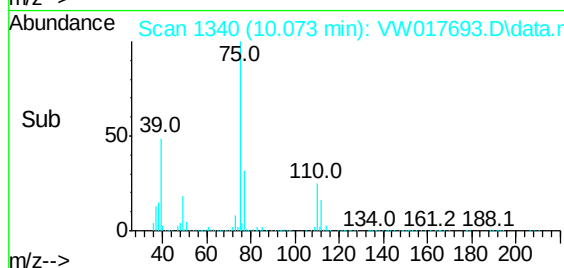
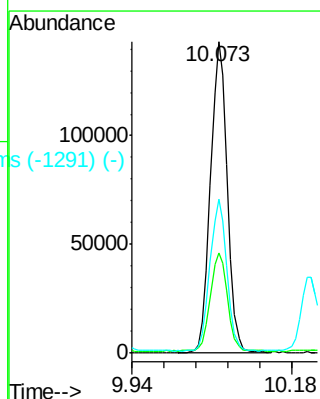
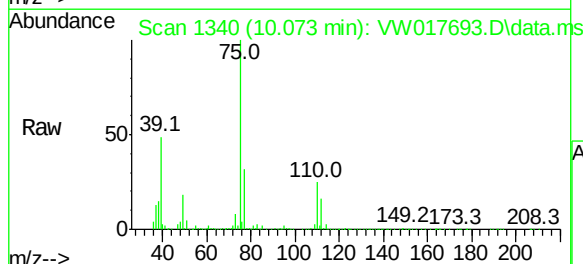


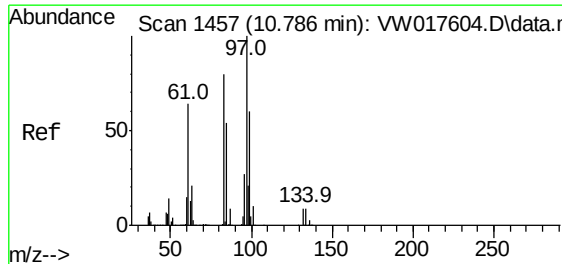
Tgt Ion: 75 Resp: 219948
Ion Ratio Lower Upper
75 100
77 31.0 24.8 37.2



#54
cis-1,3-Dichloropropene
Concen: 46.50 ug/l
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW017693.D
Acq: 21 Dec 2020 18:07

Tgt Ion: 75 Resp: 249888
Ion Ratio Lower Upper
75 100
77 31.8 25.8 38.6
39 48.7 32.9 49.3





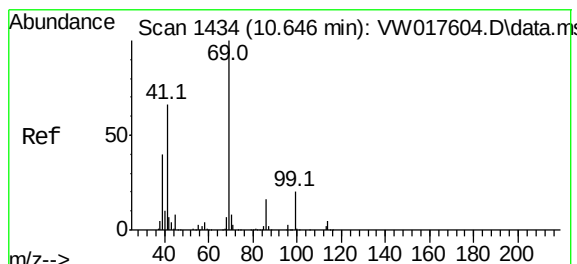
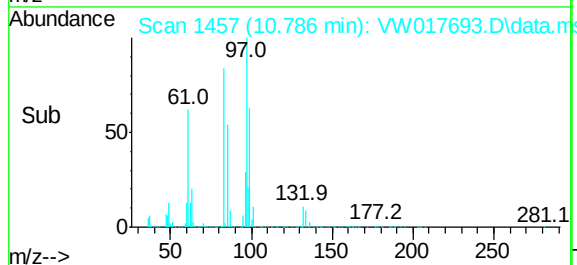
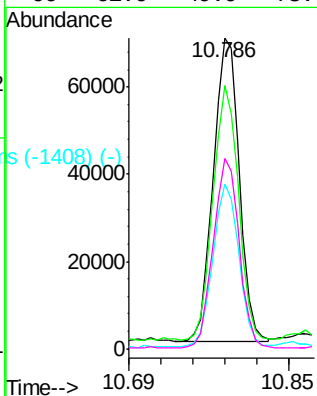
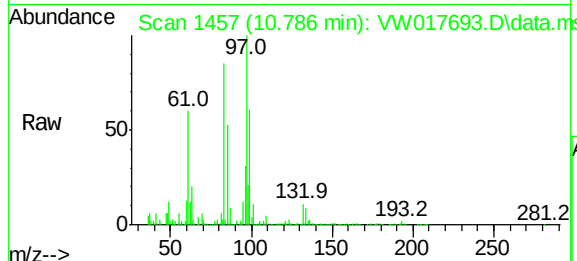
1,1,2-Trichloroethane
 Concen: 51.20 ug/l
 RT: 10.786 min Scan# 1457
 Delta R.T. 0.000 min
 Lab File: VW017693.D
 Acq: 21 Dec 2020 18:07

Tgt Ion:	97	Resp:	121981
Ion	Ratio	Lower	Upper
97	100		
83	83.6	64.6	97.0
85	53.7	40.6	61.0
99	62.6	49.0	73.6

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

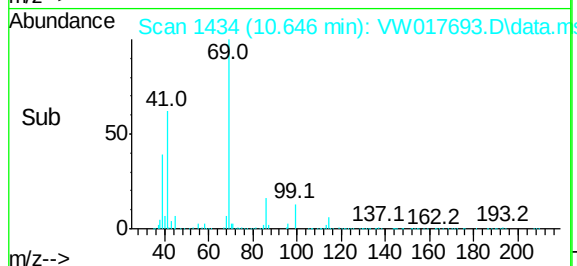
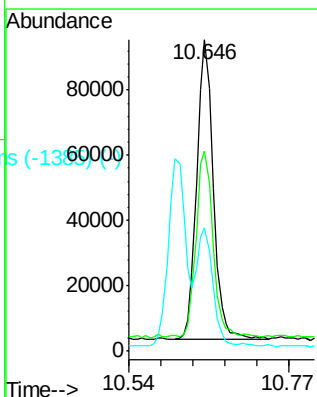
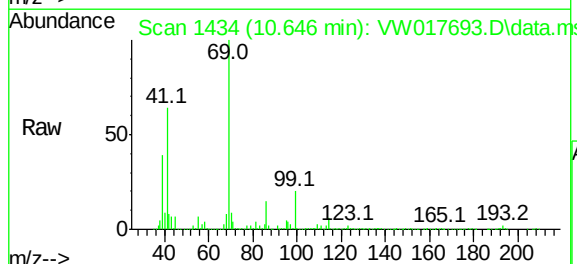
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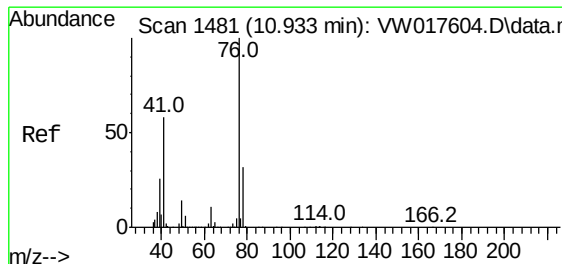
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 12/22/2020 11:17:52 AM



Ethyl methacrylate
 Concen: 49.43 ug/l
 RT: 10.646 min Scan# 1434
 Delta R.T. 0.000 min
 Lab File: VW017693.D
 Acq: 21 Dec 2020 18:07

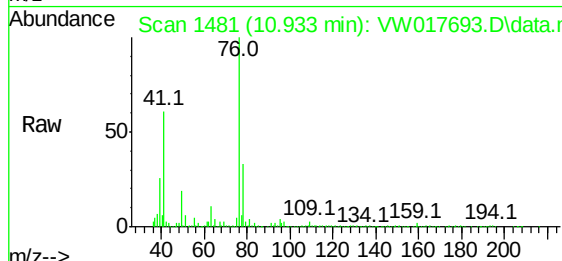
Tgt Ion:	69	Resp:	152139
Ion	Ratio	Lower	Upper
69	100		
41	63.1	46.3	69.5
39	38.7	25.9	38.9





1,3-Dichloropropane
 Concen: 48.63 ug/l
 RT: 10.933 min Scan# 1481
 Delta R.T. -0.000 min
 Lab File: VW017693.D
 Acq: 21 Dec 2020 18:07

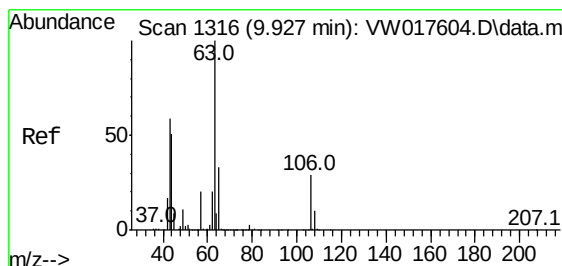
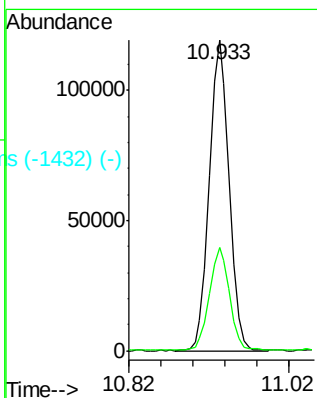
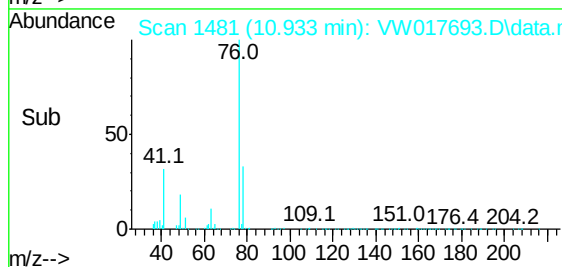
Instrument :
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 ClientSampleId :
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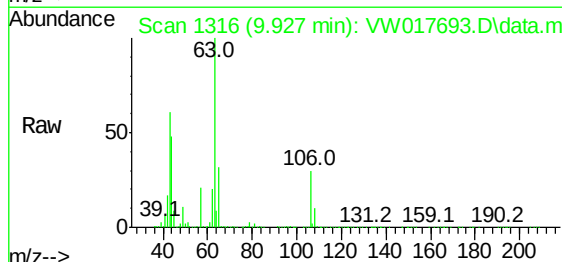
Tgt Ion: 76 Resp: 204681
 Ion Ratio Lower Upper
 76 100
 78 32.8 26.0 39.0

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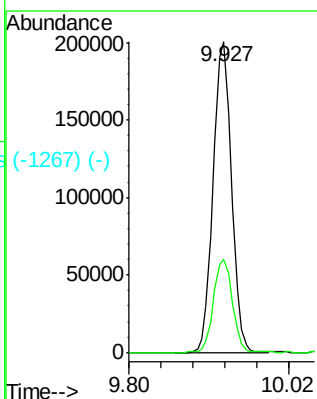
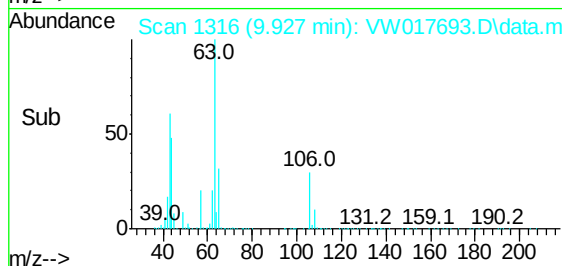
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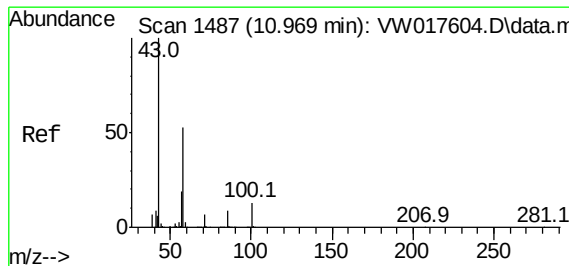


2-Chloroethyl Vinyl ether
 Concen: 236.16 ug/l
 RT: 9.927 min Scan# 1316
 Delta R.T. -0.000 min
 Lab File: VW017693.D
 Acq: 21 Dec 2020 18:07



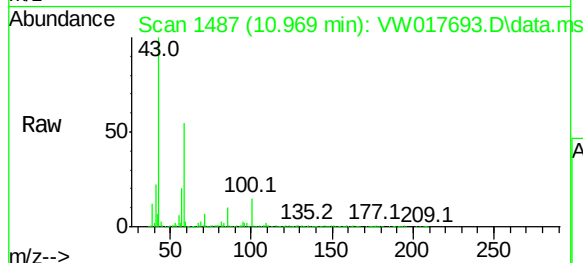
Tgt Ion: 63 Resp: 347525
 Ion Ratio Lower Upper
 63 100
 106 30.7 27.0 40.4





#59
2-Hexanone
Concen: 240.11 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW017693.D
Acq: 21 Dec 2020 18:07

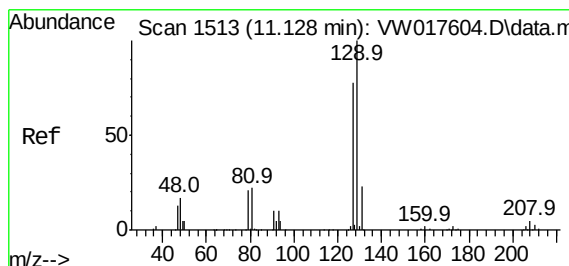
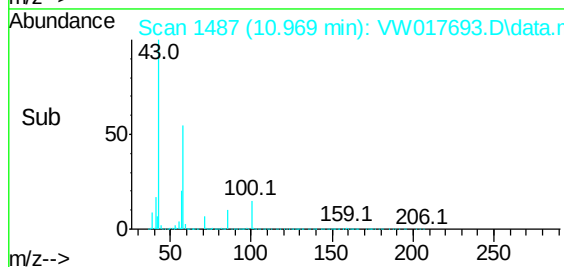
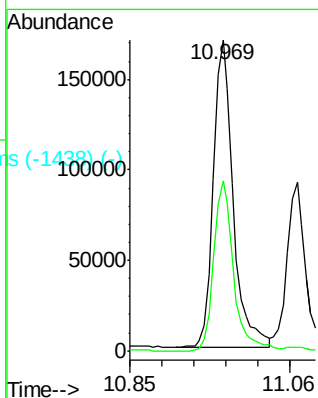
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 305341
Ion Ratio Lower Upper
43 100
58 55.2 29.5 88.5

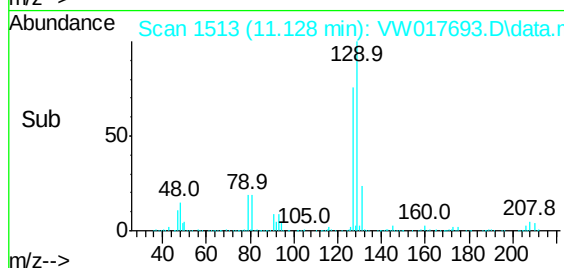
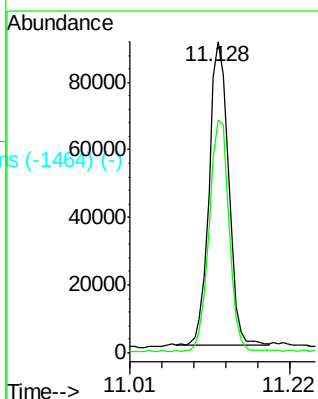
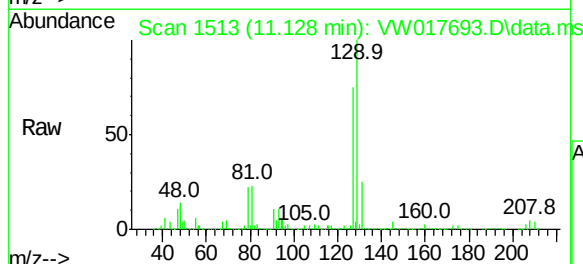
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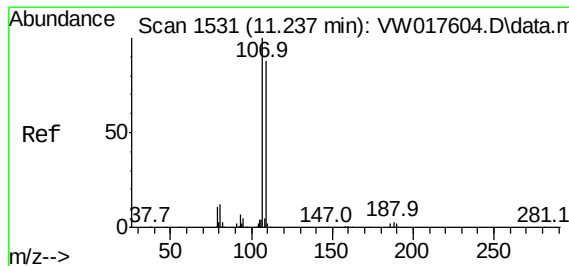
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12/22/2020 11:17:52 AM



#60
Dibromochloromethane
Concen: 53.75 ug/l
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW017693.D
Acq: 21 Dec 2020 18:07

Tgt Ion: 129 Resp: 160235
Ion Ratio Lower Upper
129 100
127 77.6 38.9 116.6





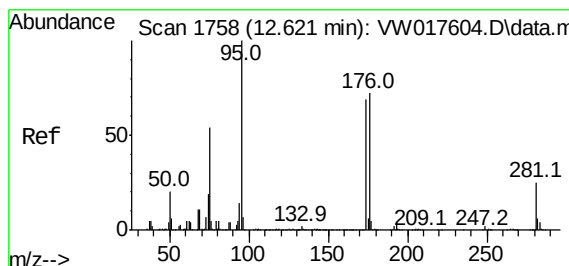
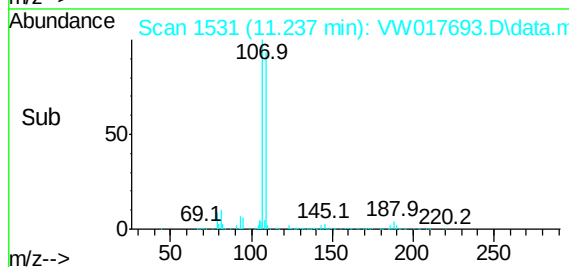
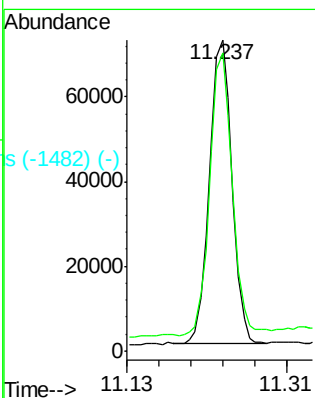
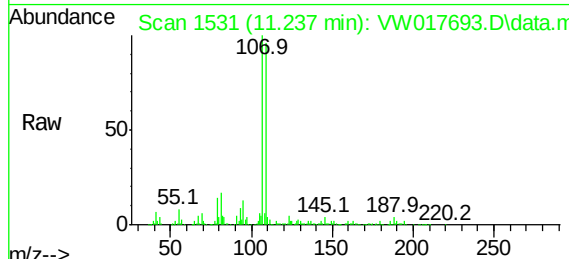
#61522 (-)
1,2-Dibromoethane
Concen: 53.69 ug/l
RT: 11.237 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VW017693.D
Acq: 21 Dec 2020 18:07

Tgt Ion: 107 Resp: 126414
Ion Ratio Lower Upper
107 100
109 92.8 74.7 112.1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

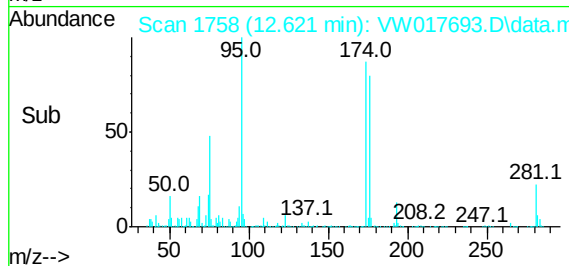
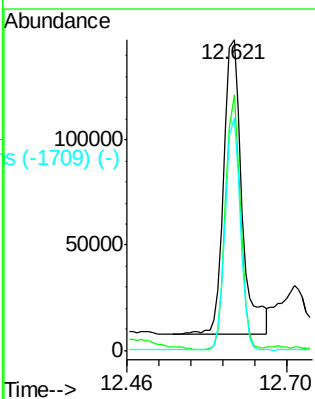
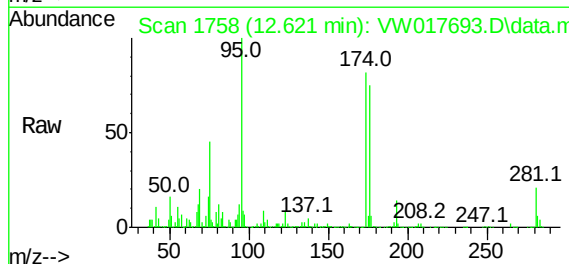
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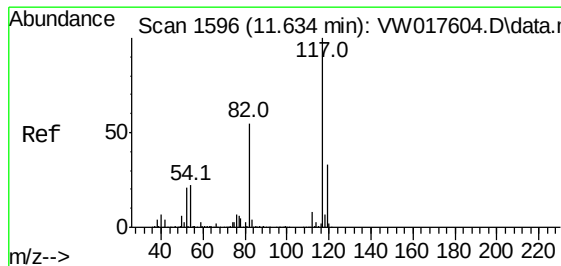
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12/22/2020 11:17:52 AM



#61749 (-)
4-Bromofluorobenzene
Concen: 62.03 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.000 min
Lab File: VW017693.D
Acq: 21 Dec 2020 18:07

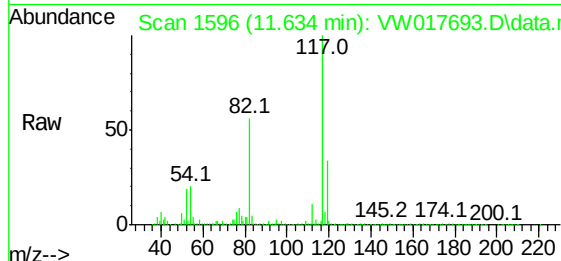
Tgt Ion: 95 Resp: 265473
Ion Ratio Lower Upper
95 100
174 70.8 0.0 180.6
176 65.9 0.0 177.6





#6386 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW017693.D
Acq: 21 Dec 2020 18:07

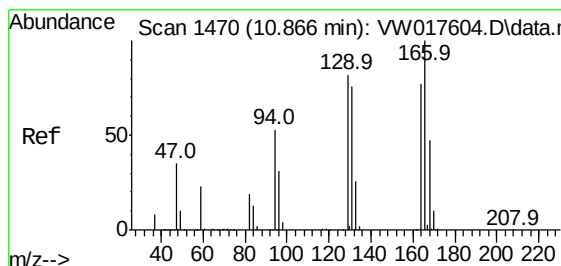
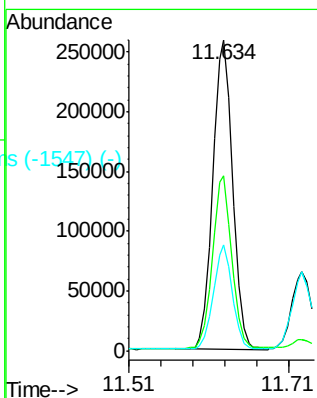
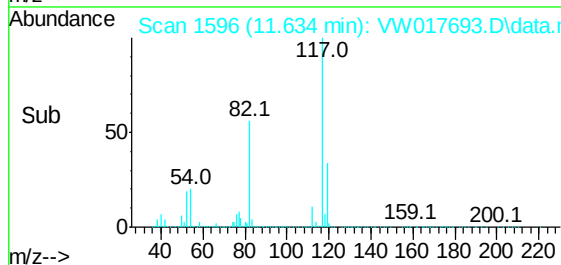
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC



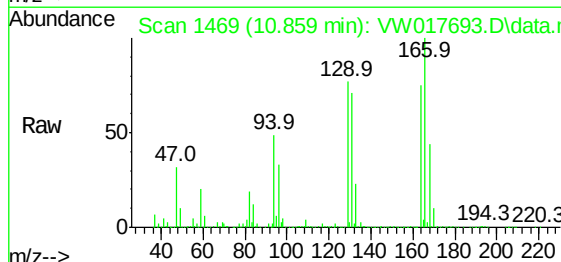
Tgt Ion:117 Resp: 445757
Ion Ratio Lower Upper
117 100
82 55.7 40.7 61.1
119 33.6 25.0 37.4

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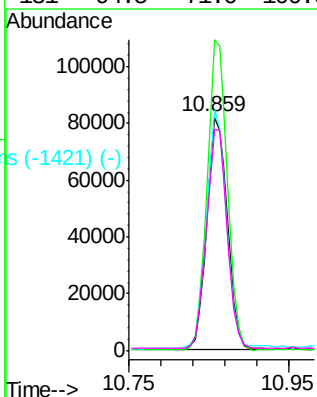
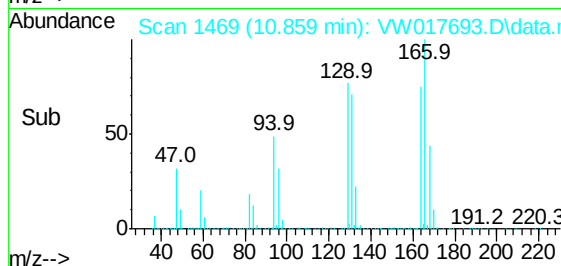
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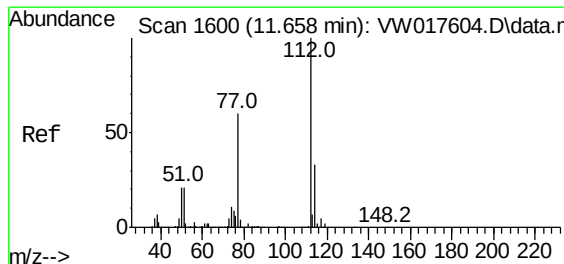


#6461 (-)
Tetrachloroethene
Concen: 47.91 ug/l
RT: 10.859 min Scan# 1469
Delta R.T. -0.007 min
Lab File: VW017693.D
Acq: 21 Dec 2020 18:07



Tgt Ion:164 Resp: 145663
Ion Ratio Lower Upper
164 100
166 134.0 105.3 157.9
129 103.1 68.8 103.2
131 94.5 71.0 106.6



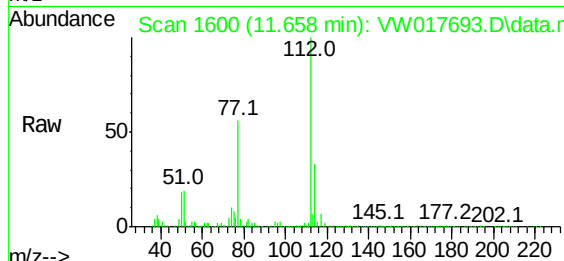


#65
Chlorobenzene
Concen: 48.97 ug/l
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW017693.D
Acq: 21 Dec 2020 18:07

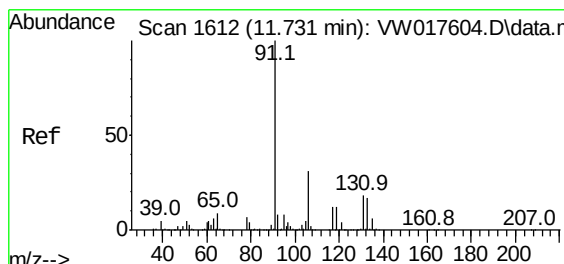
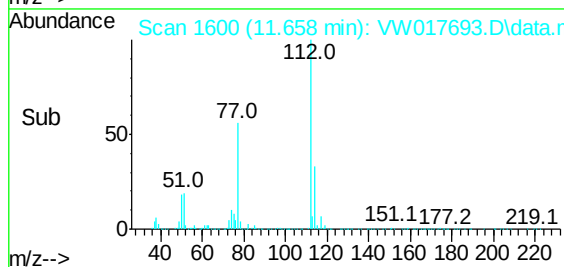
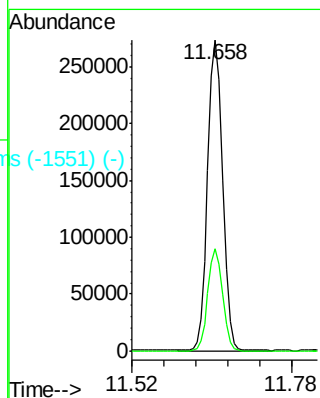
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

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12/22/2020 11:17:52 AM

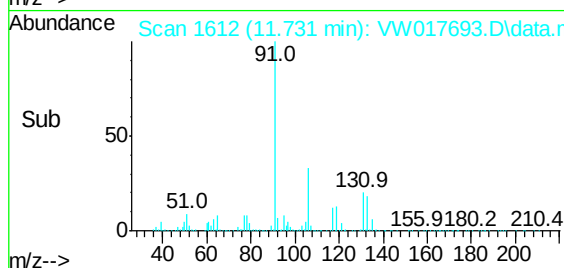
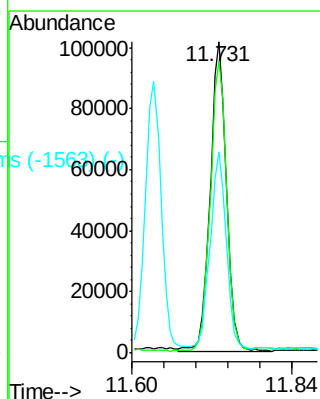
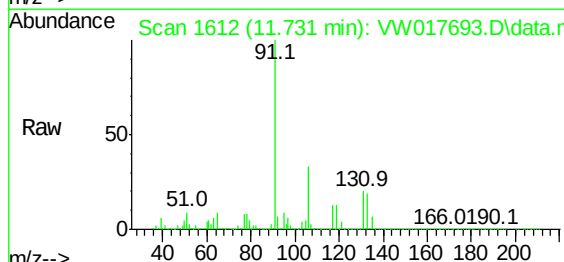


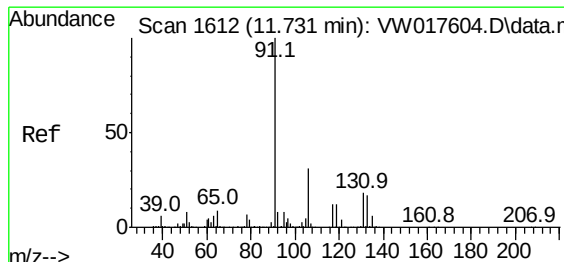
Tgt Ion:112 Resp: 469327
Ion Ratio Lower Upper
112 100
114 32.8 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 51.01 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW017693.D
Acq: 21 Dec 2020 18:07

Tgt Ion:131 Resp: 173411
Ion Ratio Lower Upper
131 100
133 95.3 48.1 144.3
119 63.6 32.5 97.4





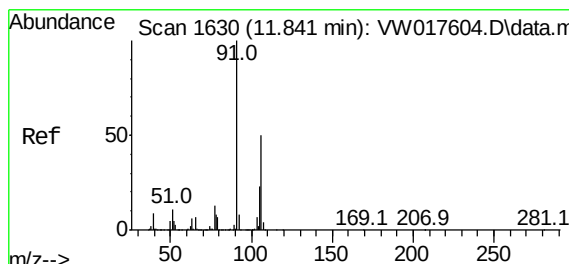
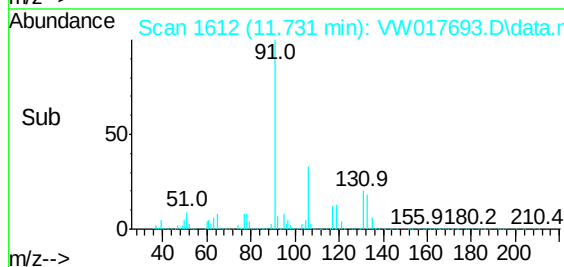
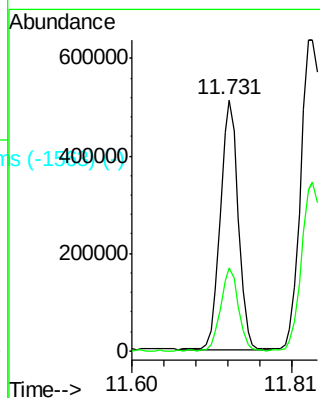
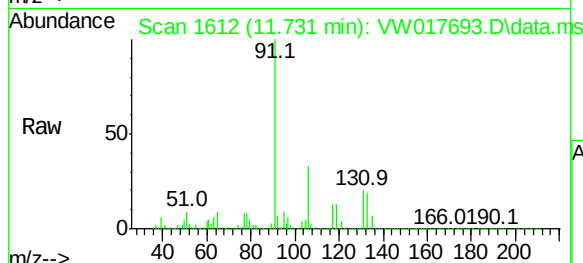
#67
Ethyl Benzene
Concen: 46.95 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW017693.D
Acq: 21 Dec 2020 18:07

Tgt Ion: 91 Resp: 836001
Ion Ratio Lower Upper
91 100
106 33.1 25.9 38.9

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

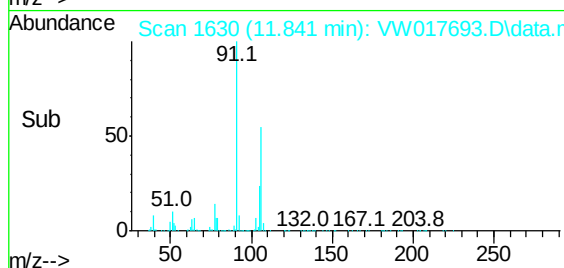
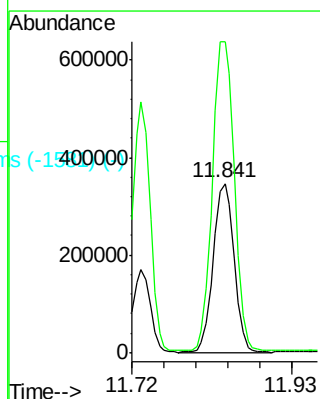
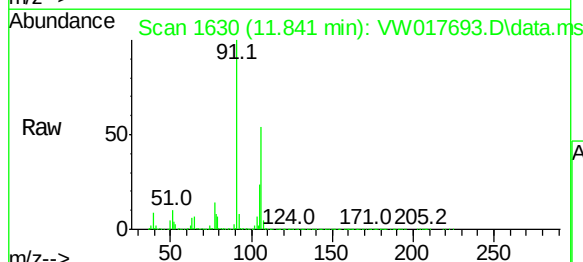
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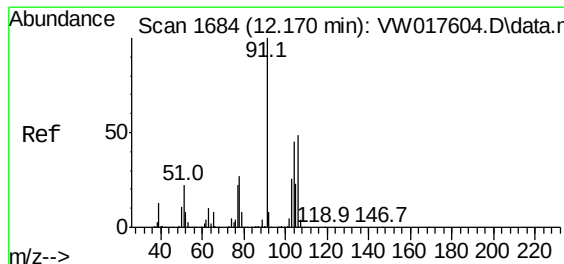
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12/22/2020 11:17:52 AM



#68
m/p-Xylenes
Concen: 96.82 ug/l
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW017693.D
Acq: 21 Dec 2020 18:07

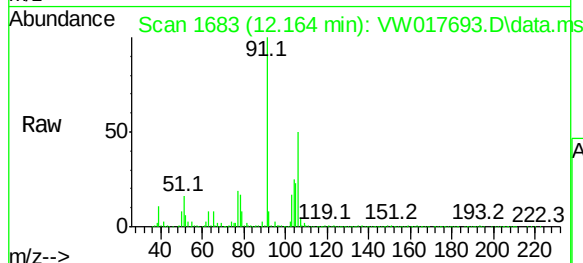
Tgt Ion: 106 Resp: 657392
Ion Ratio Lower Upper
106 100
91 192.3 157.4 236.0





o-Xylene
Concen: 48.13 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. -0.006 min
Lab File: VW017693.D
Acq: 21 Dec 2020 18:07

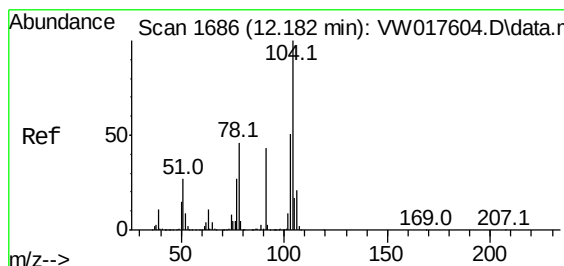
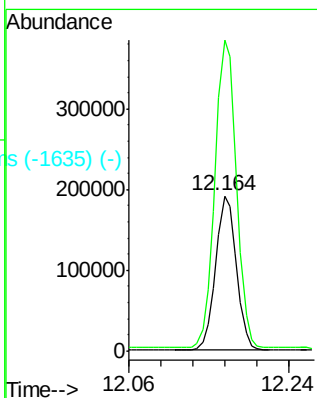
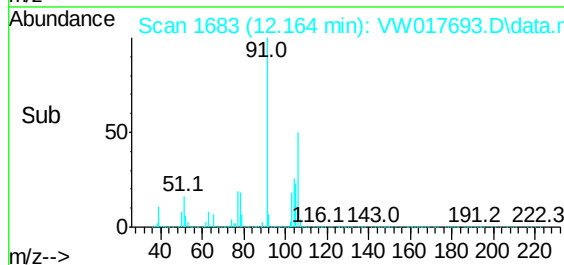
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC



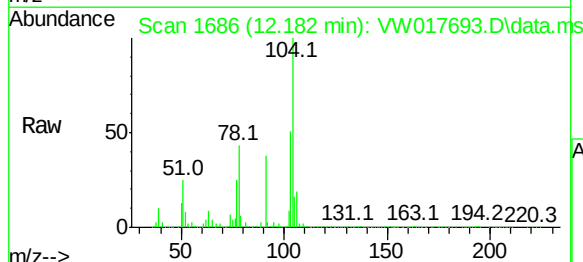
Tgt Ion:106 Resp: 308247
Ion Ratio Lower Upper
106 100
91 207.7 103.6 310.9

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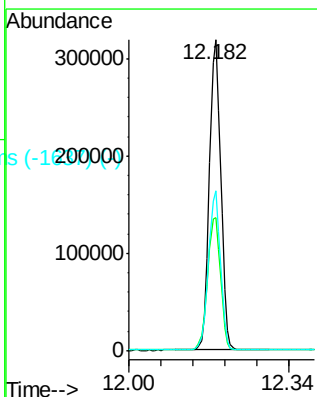
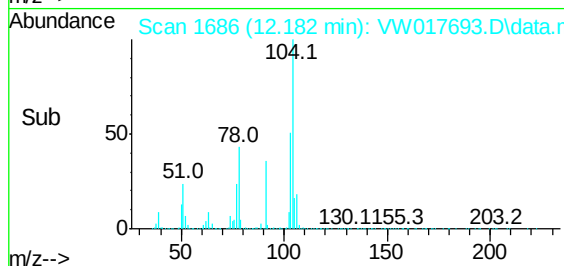
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12/22/2020 11:17:52 AM

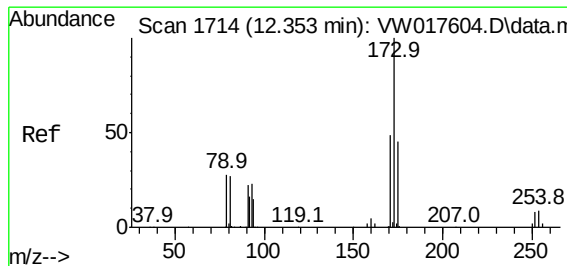


Styrene
Concen: 48.98 ug/l
RT: 12.182 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW017693.D
Acq: 21 Dec 2020 18:07



Tgt Ion:104 Resp: 523853
Ion Ratio Lower Upper
104 100
78 48.2 37.6 56.4
103 54.2 43.6 65.4





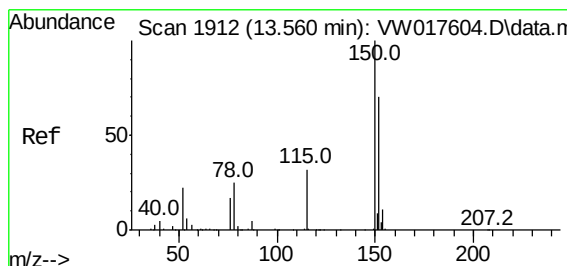
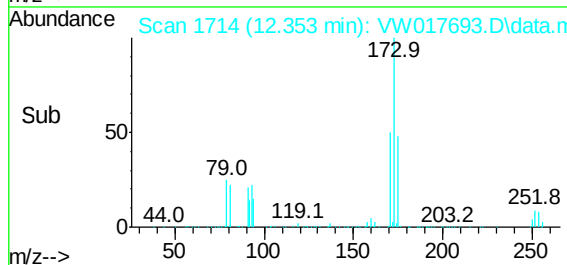
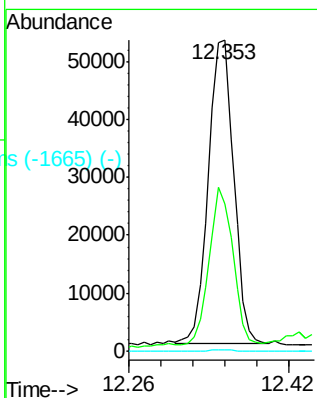
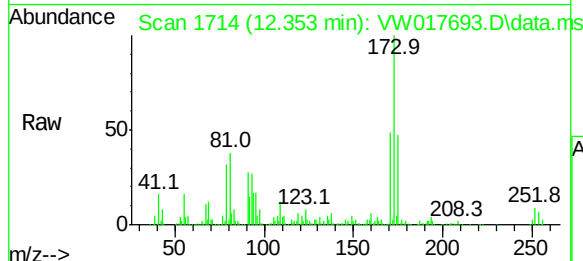
#1705 (-)
Bromoform
Concen: 49.61 ug/l
RT: 12.353 min Scan# 1714
Delta R.T. 0.000 min
Lab File: VW017693.D
Acq: 21 Dec 2020 18:07

Tgt Ion:173 Resp: 90147
Ion Ratio Lower Upper
173 100
175 54.0 24.7 74.1
254 0.2 0.1 0.1#

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

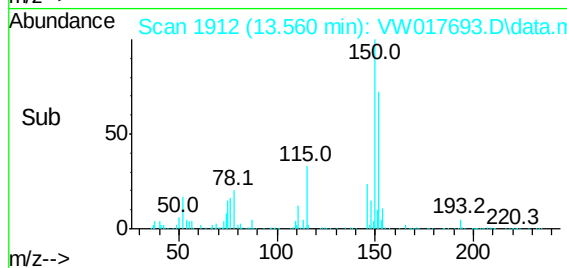
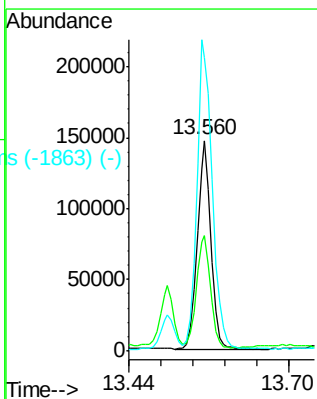
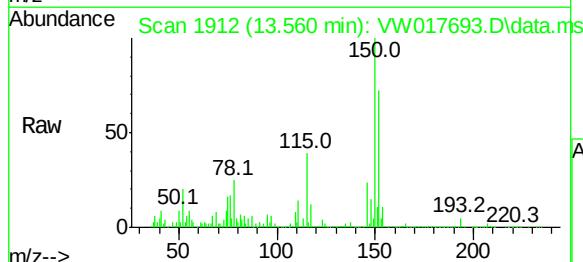
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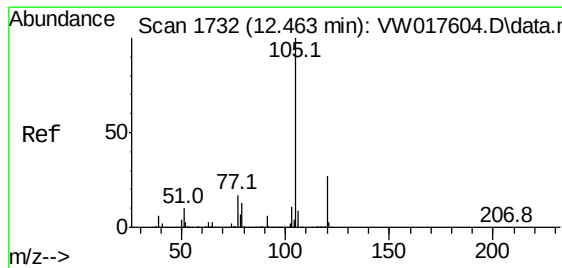
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12/22/2020 11:17:52 AM



#1204 (-)
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW017693.D
Acq: 21 Dec 2020 18:07

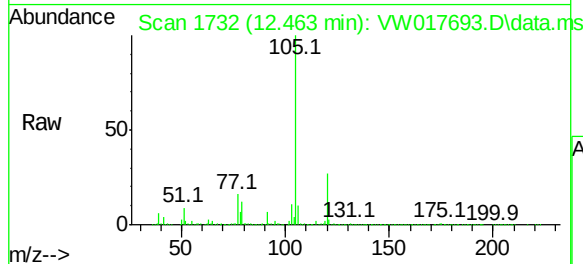
Tgt Ion:152 Resp: 234086
Ion Ratio Lower Upper
152 100
115 55.6 27.9 83.7
150 165.2 0.0 344.0





#73
Isopropylbenzene
Concen: 46.94 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW017693.D
Acq: 21 Dec 2020 18:07

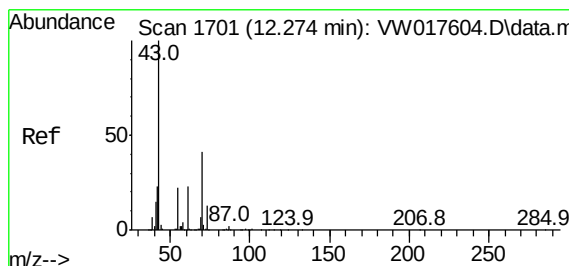
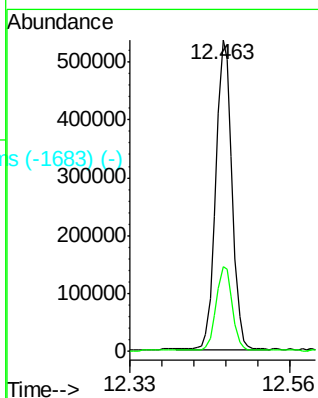
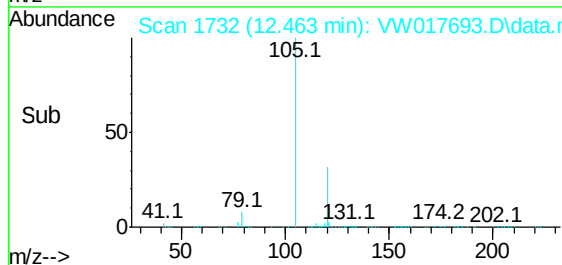
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC



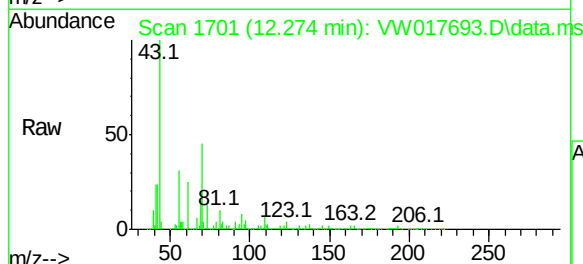
Tgt Ion: 105 Resp: 868755
Ion Ratio Lower Upper
105 100
120 27.2 13.6 40.7

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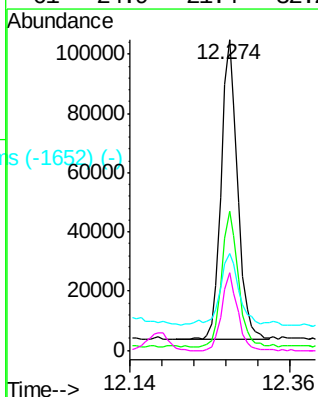
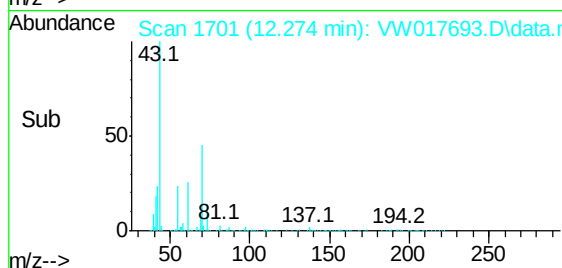
MMDadoda
12/22/2020 11:17:52 AM

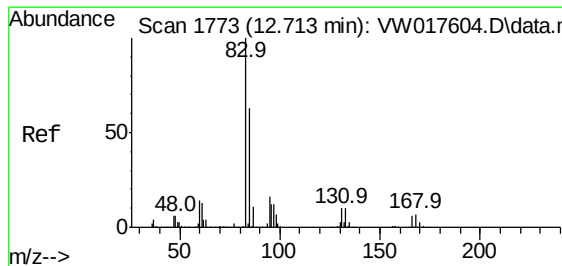


#74
N-ethyl acetate
Concen: 40.42 ug/l
RT: 12.274 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VW017693.D
Acq: 21 Dec 2020 18:07



Tgt Ion: 43 Resp: 156896
Ion Ratio Lower Upper
43 100
70 45.7 40.2 60.4
55 25.6 21.4 32.0
61 24.9 21.4 32.2





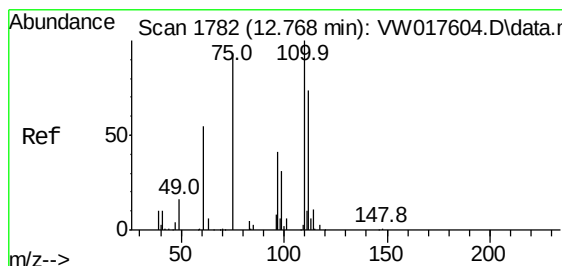
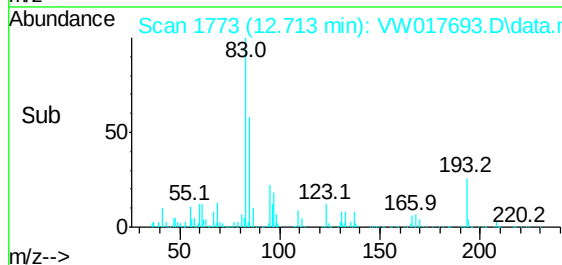
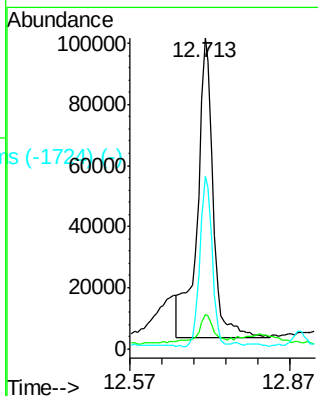
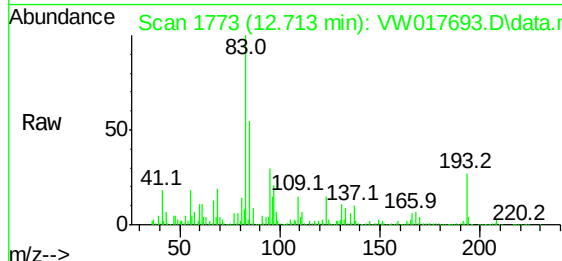
#75
1,1,2,2-Tetrachloroethane
Concen: 66.30 ug/l m
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW017693.D
Acq: 21 Dec 2020 18:07

Tgt Ion: 83 Resp: 204689
Ion Ratio Lower Upper
83 100
131 10.4 6.1 18.3
85 44.5 32.7 98.1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

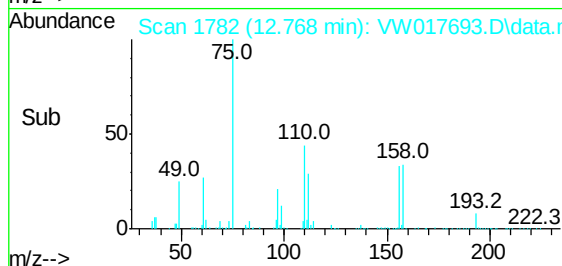
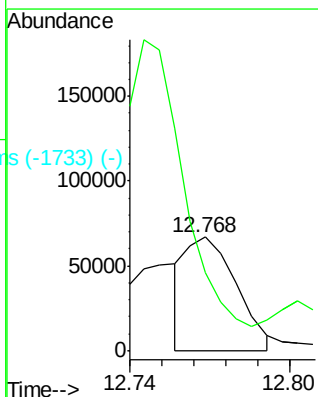
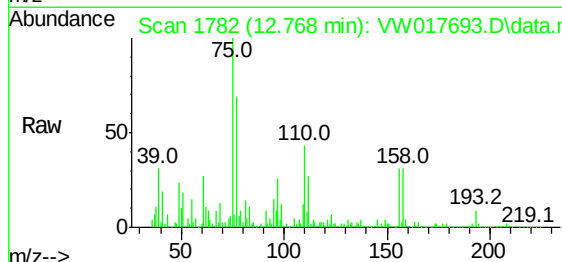
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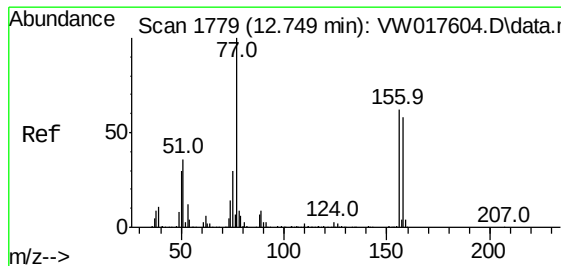
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12/22/2020 11:17:52 AM



#76
1,2,3-Trichloropropane
Concen: 41.38 ug/l m
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW017693.D
Acq: 21 Dec 2020 18:07

Tgt Ion: 75 Resp: 93242
Ion Ratio Lower Upper
75 100
77 0.0 178.8 536.3#





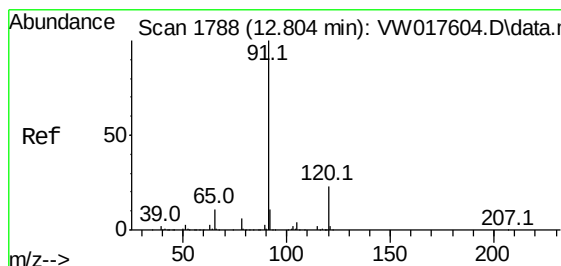
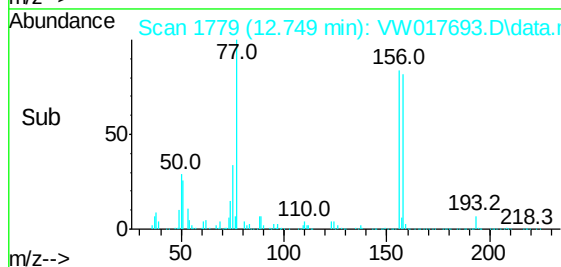
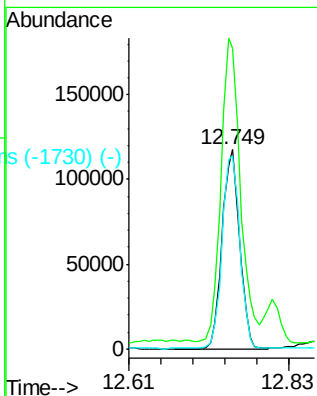
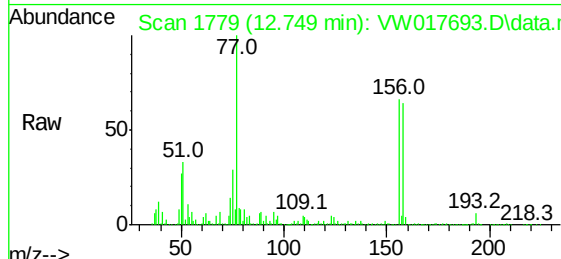
#1770 (-)
Bromobenzene
Concen: 48.94 ug/l
RT: 12.749 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VW017693.D
Acq: 21 Dec 2020 18:07

Tgt Ion: 156 Resp: 194002
Ion Ratio Lower Upper
156 100
77 169.3 79.0 237.2
158 98.1 47.0 141.2

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

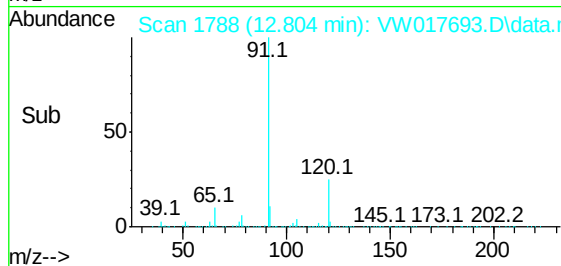
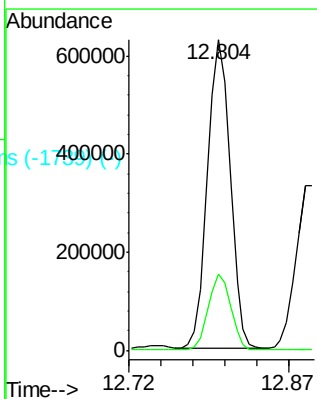
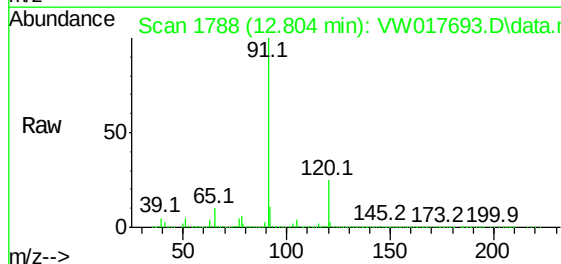
Manual Integrations
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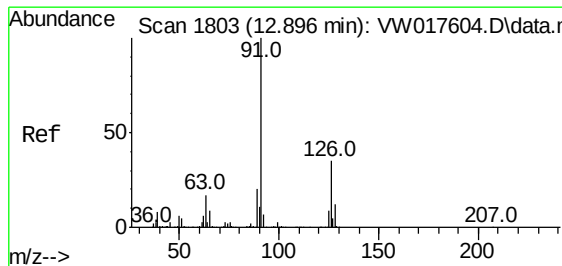
MMDadoda
12/22/2020 11:17:52 AM



#1782 (-)
n-propylbenzene
Concen: 44.10 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. 0.000 min
Lab File: VW017693.D
Acq: 21 Dec 2020 18:07

Tgt Ion: 91 Resp: 969179
Ion Ratio Lower Upper
91 100
120 24.6 12.0 36.1





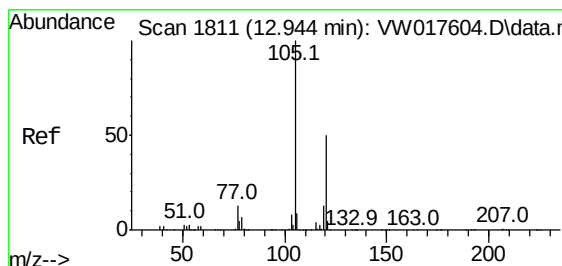
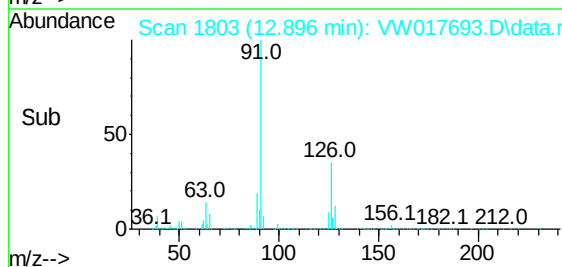
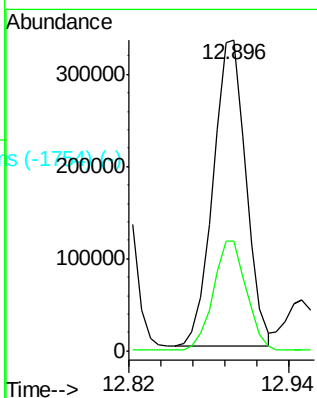
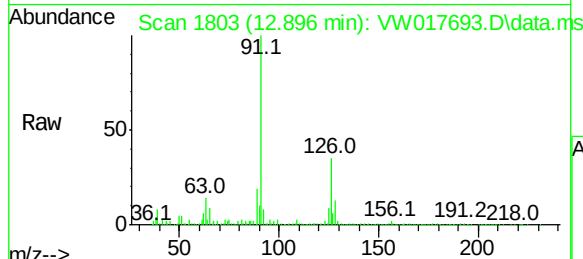
2-Chlorotoluene
 Concen: 44.41 ug/l
 RT: 12.896 min Scan# 1803
 Delta R.T. -0.000 min
 Lab File: VW017693.D
 Acq: 21 Dec 2020 18:07

Tgt Ion: 91 Resp: 544092
 Ion Ratio Lower Upper
 91 100
 126 36.1 17.9 53.8

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

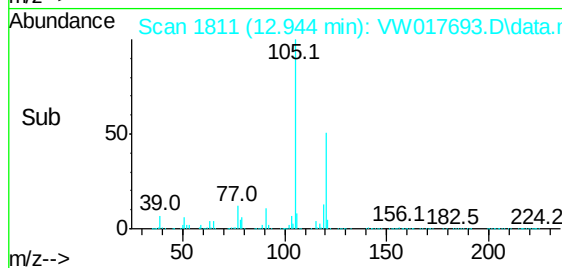
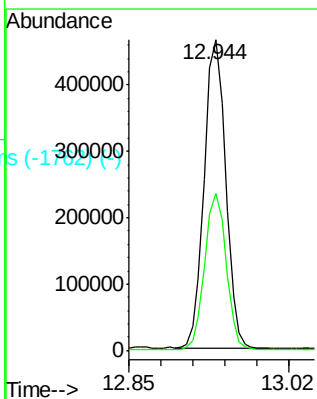
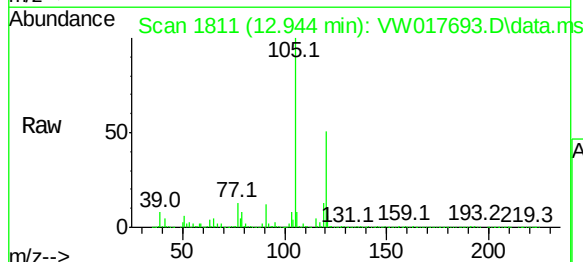
Manual Integrations
 APPROVED

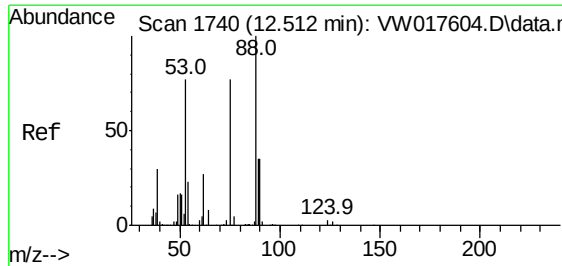
MMDadoda
 12/22/2020 11:17:52 AM



1,3,5-Trimethylbenzene
 Concen: 45.82 ug/l
 RT: 12.944 min Scan# 1811
 Delta R.T. 0.000 min
 Lab File: VW017693.D
 Acq: 21 Dec 2020 18:07

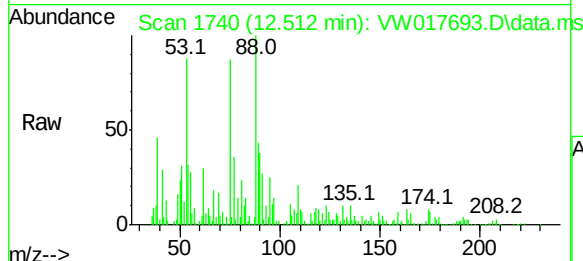
Tgt Ion: 105 Resp: 717749
 Ion Ratio Lower Upper
 105 100
 120 51.5 24.9 74.8





#1736 (-)
trans-1,4-Dichloro-2-butene
Concen: 39.47 ug/l
RT: 12.512 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VW017693.D
Acq: 21 Dec 2020 18:07

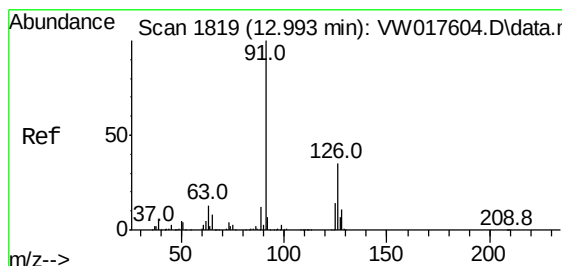
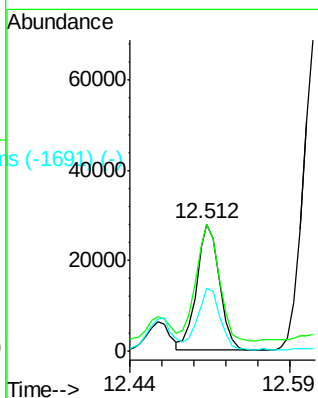
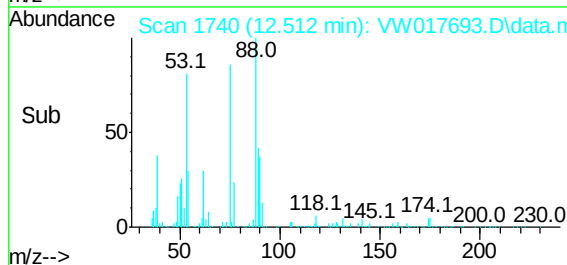
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 43901
Ion Ratio Lower Upper
75 100
53 93.0 77.0 115.4
89 48.0 38.7 58.1

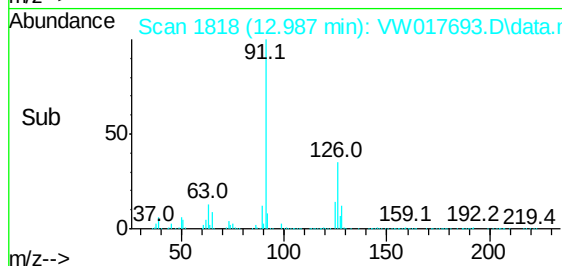
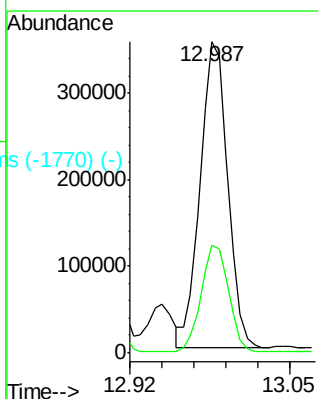
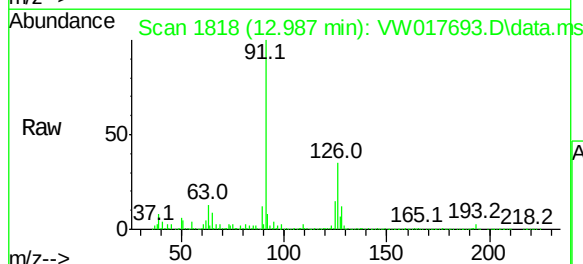
Manual Integrations
APPROVED

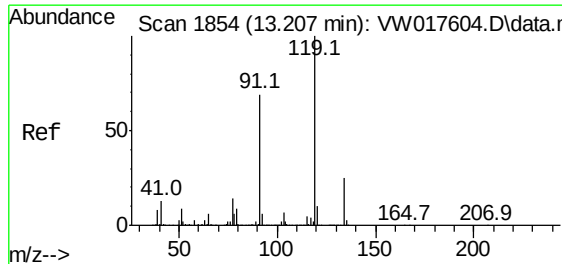
MMDadoda
12/22/2020 11:17:52 AM



#1814 (-)
4-Chlorotoluene
Concen: 44.65 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. -0.006 min
Lab File: VW017693.D
Acq: 21 Dec 2020 18:07

Tgt Ion: 91 Resp: 577370
Ion Ratio Lower Upper
91 100
126 35.4 18.1 54.3





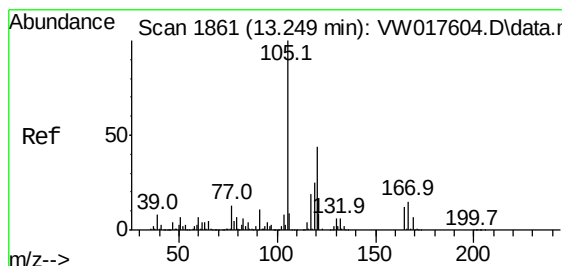
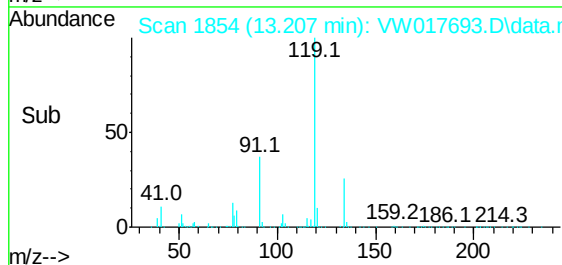
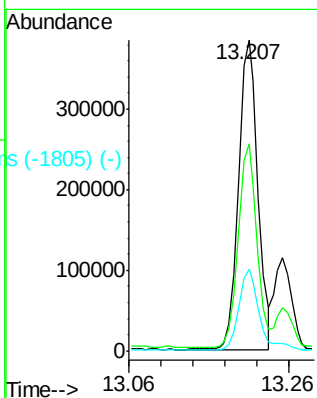
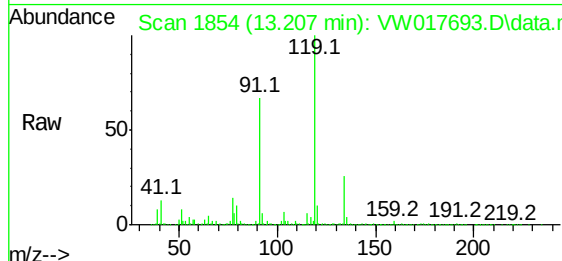
#8345 (-)
tert-Butylbenzene
Concen: 47.92 ug/l
RT: 13.207 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VW017693.D
Acq: 21 Dec 2020 18:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 642082
Ion Ratio Lower Upper
119 100
91 63.3 31.3 93.9
134 27.8 14.0 42.0

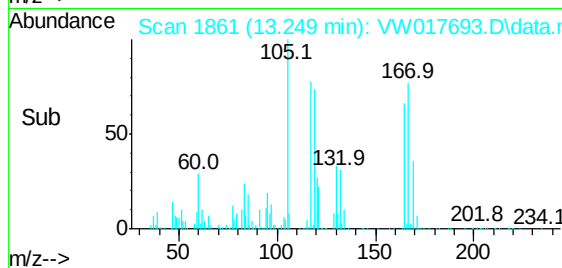
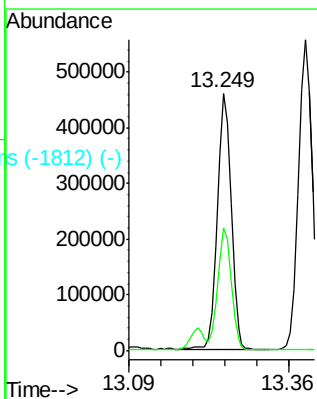
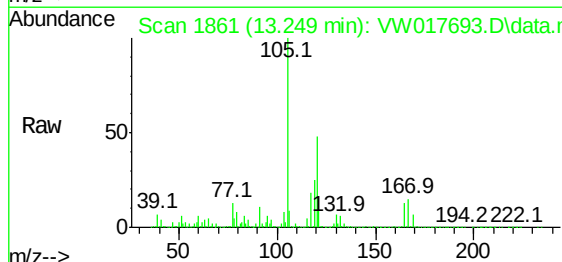
Manual Integrations
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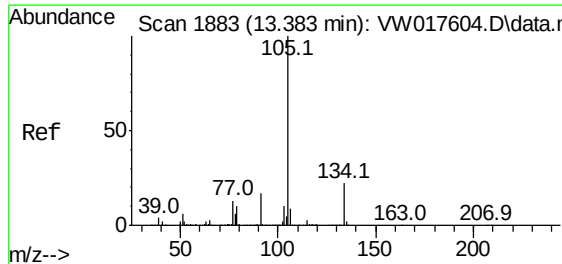
MMDadoda
12/22/2020 11:17:52 AM



#8348 (-)
1,2,4-Trimethylbenzene
Concen: 45.78 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW017693.D
Acq: 21 Dec 2020 18:07

Tgt Ion:105 Resp: 706418
Ion Ratio Lower Upper
105 100
120 46.5 23.4 70.0





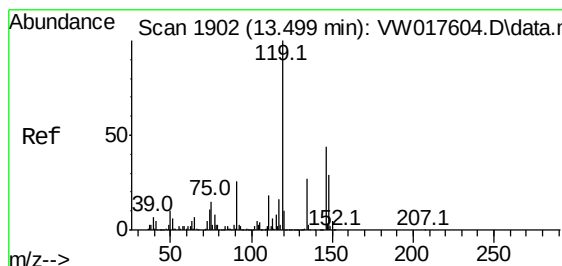
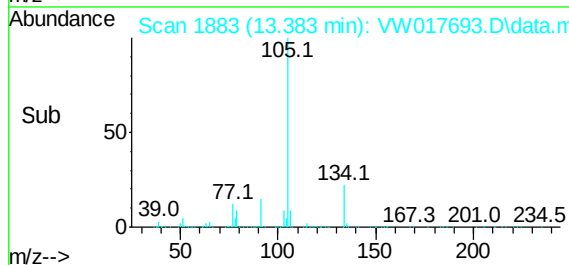
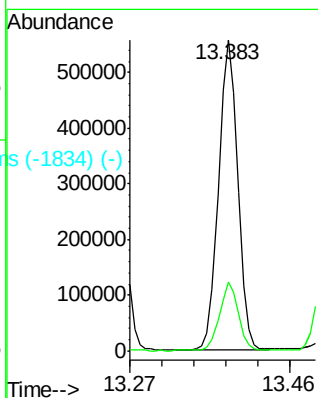
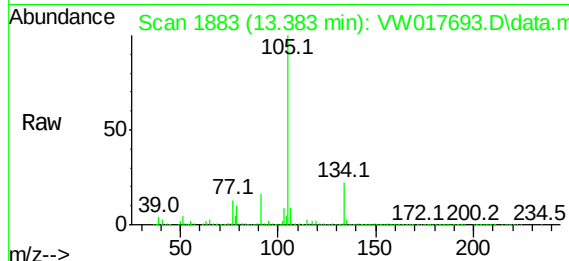
#85
 sec-Butylbenzene
 Concen: 45.78 ug/l
 RT: 13.383 min Scan# 1883
 Delta R.T. 0.000 min
 Lab File: VW017693.D
 Acq: 21 Dec 2020 18:07

Tgt Ion:105 Resp: 861450
 Ion Ratio Lower Upper
 105 100
 134 21.5 10.6 31.8

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

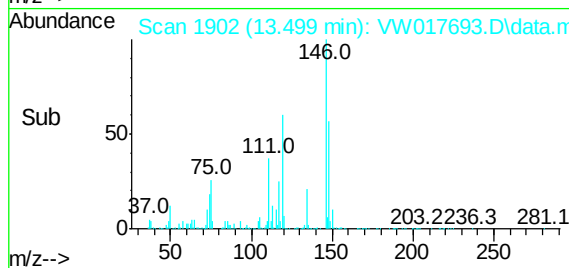
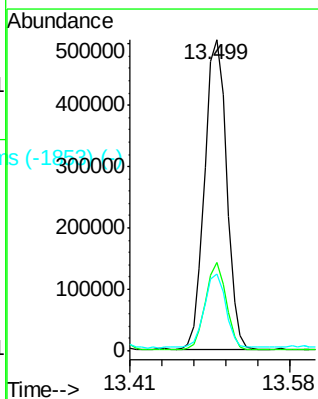
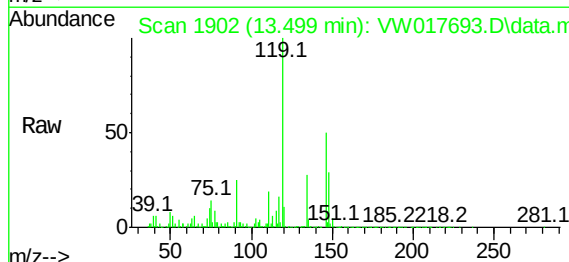
Manual Integrations
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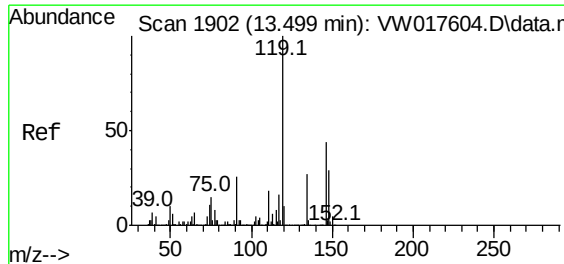
MMDadoda
 12/22/2020 11:17:52 AM



#86
 p-Isopropyltoluene
 Concen: 47.09 ug/l
 RT: 13.499 min Scan# 1902
 Delta R.T. 0.000 min
 Lab File: VW017693.D
 Acq: 21 Dec 2020 18:07

Tgt Ion:119 Resp: 799906
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.8 41.3
 91 23.5 11.3 33.9





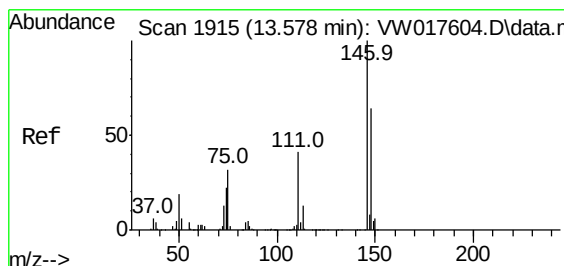
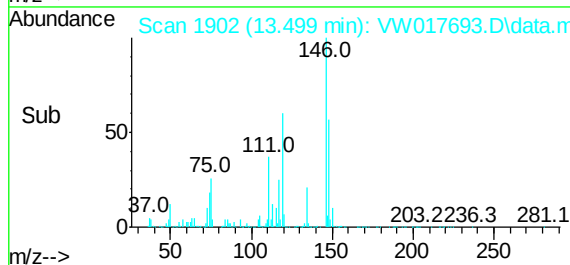
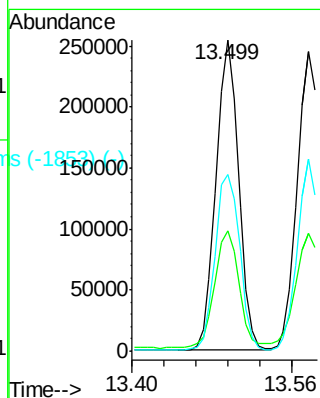
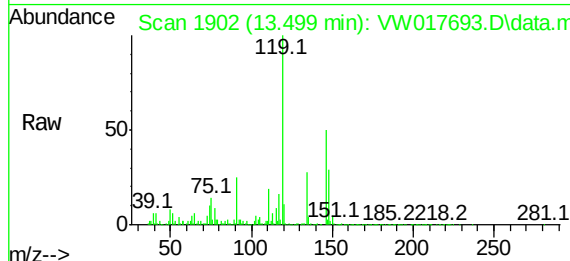
#1894 (-)
 1,3-Dichlorobenzene
 Concen: 49.36 ug/l
 RT: 13.499 min Scan# 1902
 Delta R.T. 0.000 min
 Lab File: VW017693.D
 Acq: 21 Dec 2020 18:07

Tgt Ion:	146	Resp:	389982
Ion Ratio	Lower	Upper	
146	100		
111	41.1	19.1	57.5
148	62.1	32.5	97.4

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

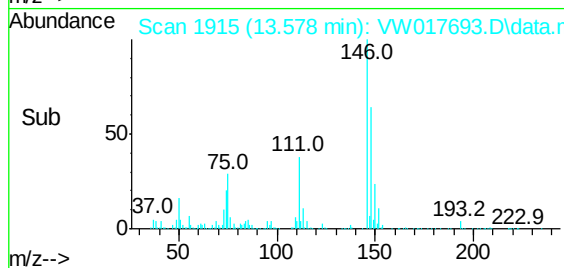
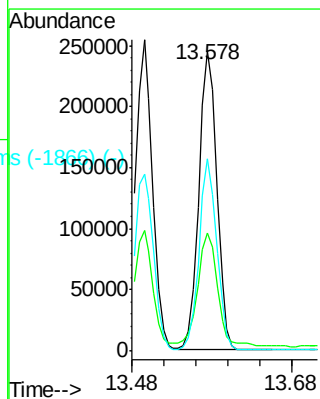
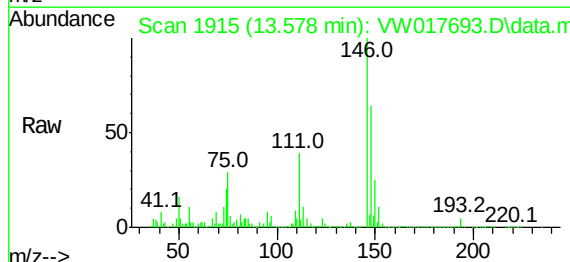
Manual Integrations
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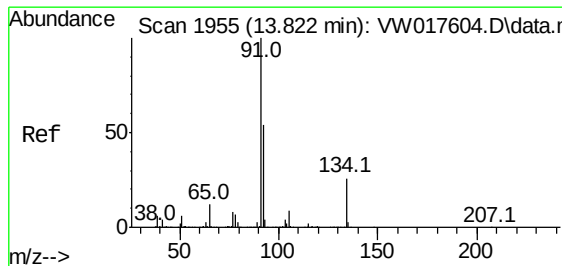
MMDadoda
 12/22/2020 11:17:52 AM



#1909 (-)
 1,4-Dichlorobenzene
 Concen: 48.65 ug/l
 RT: 13.578 min Scan# 1915
 Delta R.T. 0.000 min
 Lab File: VW017693.D
 Acq: 21 Dec 2020 18:07

Tgt Ion:	146	Resp:	381550
Ion Ratio	Lower	Upper	
146	100		
111	43.3	18.5	55.5
148	62.8	31.8	95.4





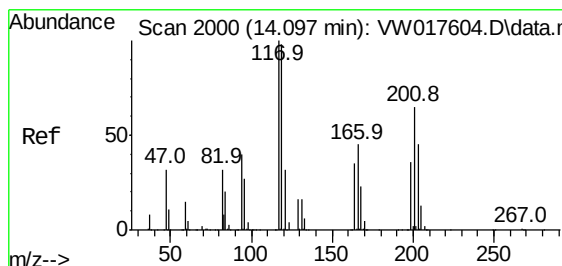
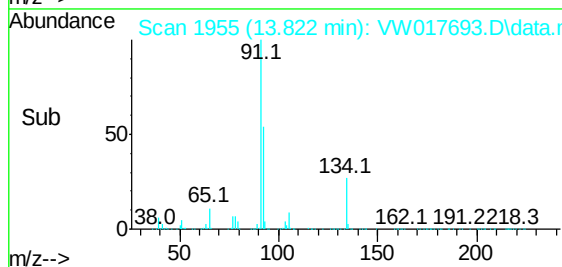
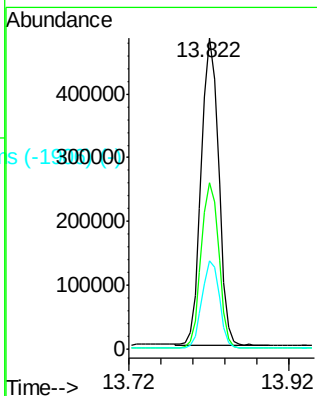
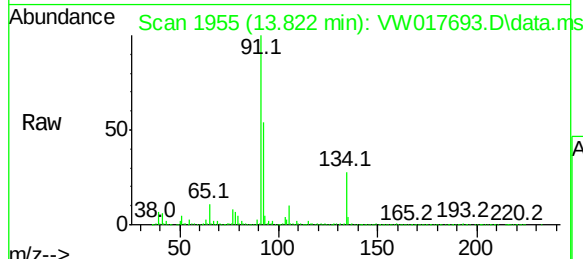
n-Butylbenzene
Concen: 43.99 ug/l
RT: 13.822 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VW017693.D
Acq: 21 Dec 2020 18:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	91	Resp:	734304
Ion	Ratio	Lower	Upper
91	100		
92	54.2	26.6	79.7
134	28.6	14.3	42.9

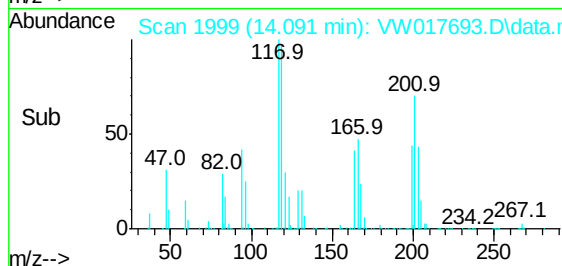
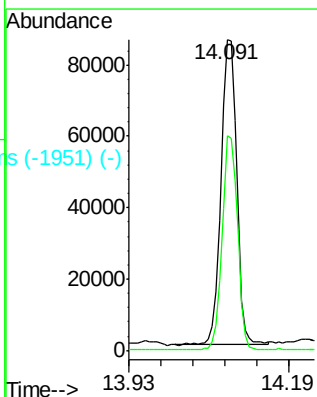
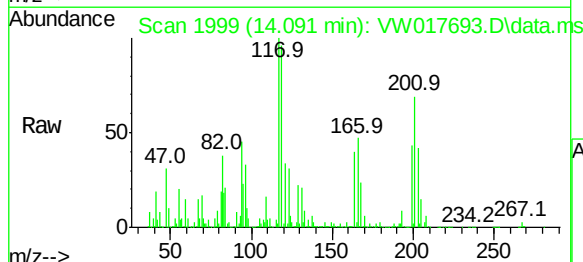
Manual Integrations
APPROVED

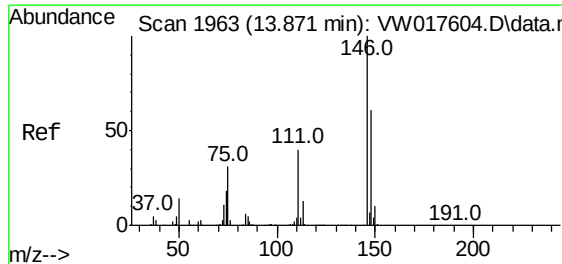
MMDadoda
12/22/2020 11:17:52 AM



Hexachloroethane
Concen: 45.48 ug/l
RT: 14.091 min Scan# 1999
Delta R.T. -0.006 min
Lab File: VW017693.D
Acq: 21 Dec 2020 18:07

Tgt Ion:	117	Resp:	151772
Ion	Ratio	Lower	Upper
117	100		
201	68.8	41.9	125.7





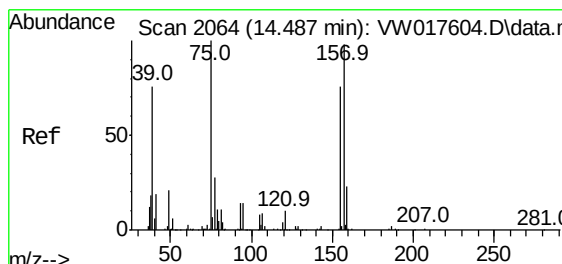
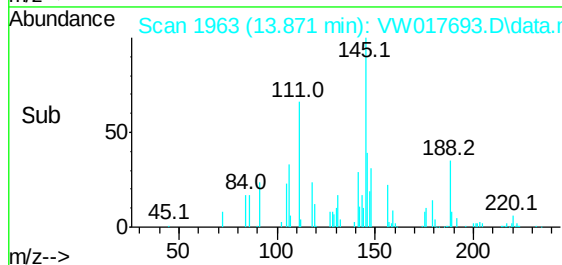
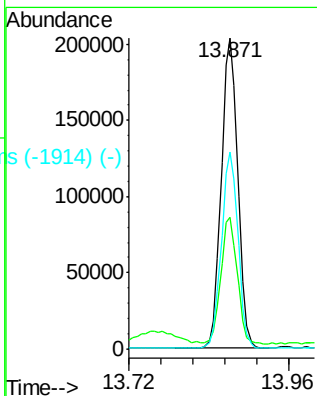
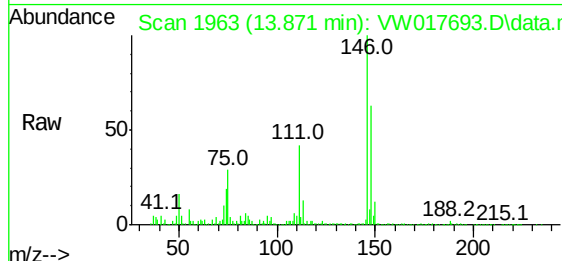
#9154 (-)
1,2-Dichlorobenzene
Concen: 48.67 ug/l
RT: 13.871 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VW017693.D
Acq: 21 Dec 2020 18:07

Tgt Ion:	146	Resp:	341792
Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.1	60.3
148	63.0	33.1	99.3

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

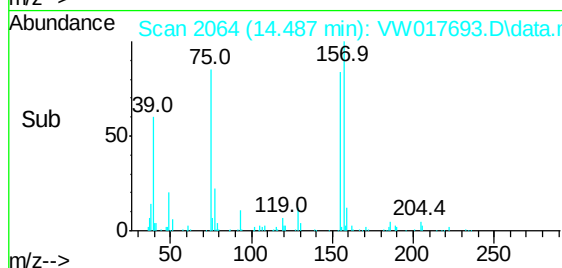
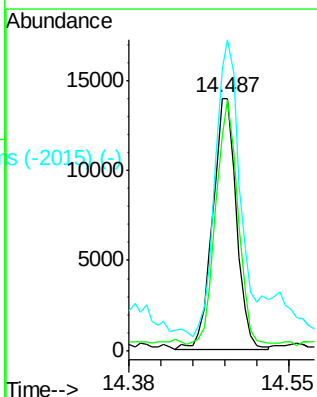
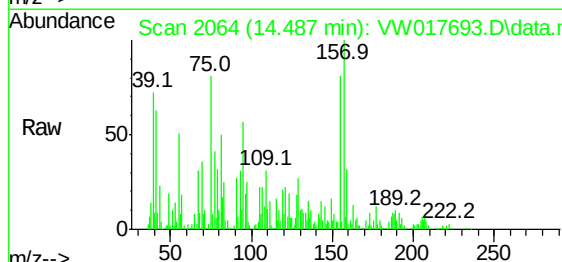
Manual Integrations
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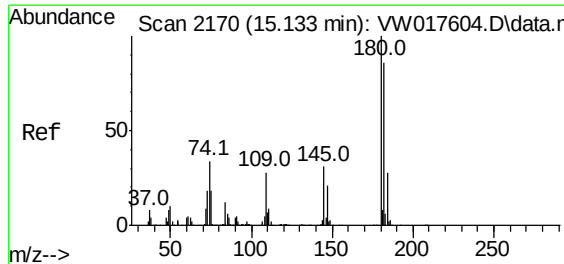
MMDadoda
12/22/2020 11:17:52 AM



#9156 (-)
1,2-Dibromo-3-Chloropropane
Concen: 42.22 ug/l
RT: 14.487 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VW017693.D
Acq: 21 Dec 2020 18:07

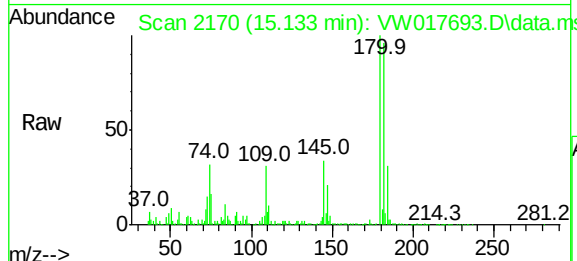
Tgt Ion:	75	Resp:	23718
Ion	Ratio	Lower	Upper
75	100		
155	91.2	47.6	142.8
157	124.0	62.2	186.6





1,2,4-Trichlorobenzene
Concen: 49.97 ug/l
RT: 15.133 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VW017693.D
Acq: 21 Dec 2020 18:07

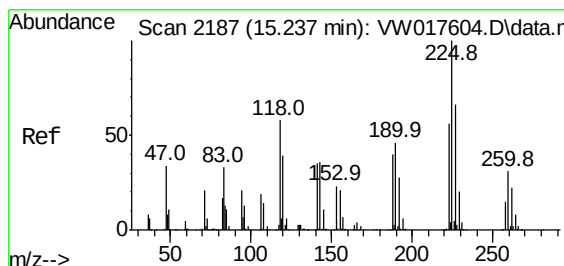
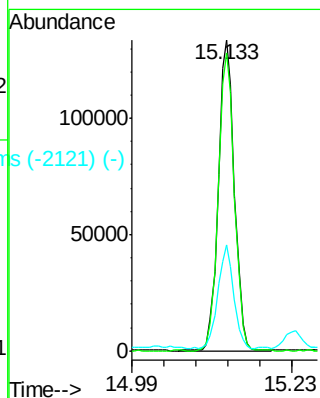
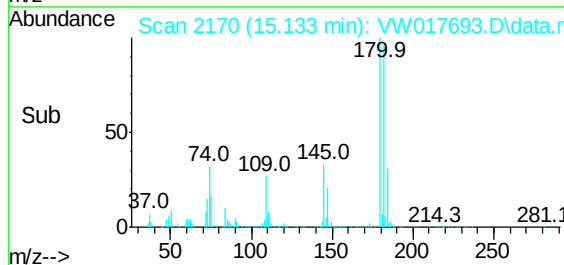
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC



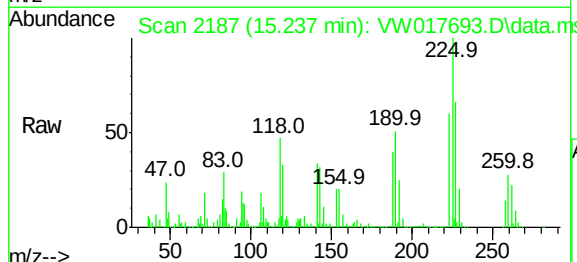
Tgt Ion:	180	Resp:	224503
Ion	Ratio	Lower	Upper
180	100		
182	96.8	48.3	144.9
145	32.3	14.9	44.5

Manual Integrations
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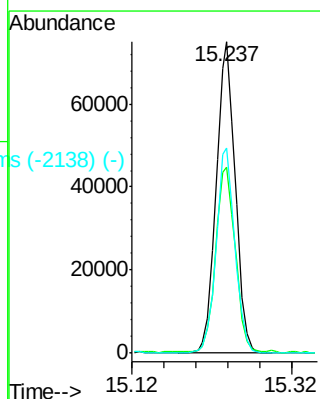
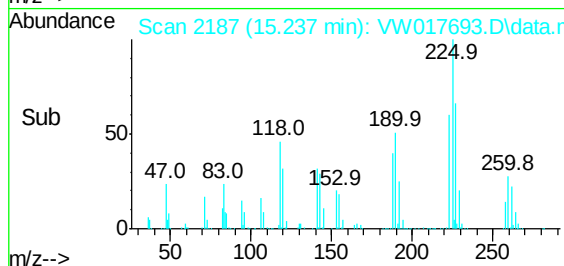
MMDadoda
12/22/2020 11:17:52 AM

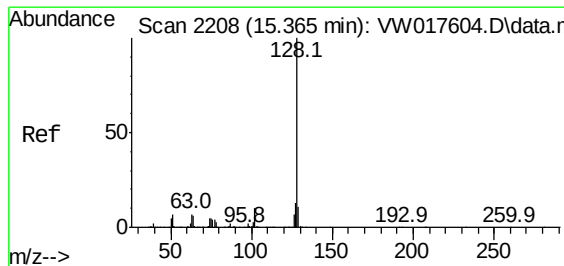


Hexachlorobutadiene
Concen: 52.22 ug/l
RT: 15.237 min Scan# 2187
Delta R.T. -0.000 min
Lab File: VW017693.D
Acq: 21 Dec 2020 18:07



Tgt Ion:	225	Resp:	123315
Ion	Ratio	Lower	Upper
225	100		
223	61.6	31.9	95.7
227	64.8	33.0	99.0





#95199 (-)
Naphthalene
Concen: 48.09 ug/l
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW017693.D
Acq: 21 Dec 2020 18:07

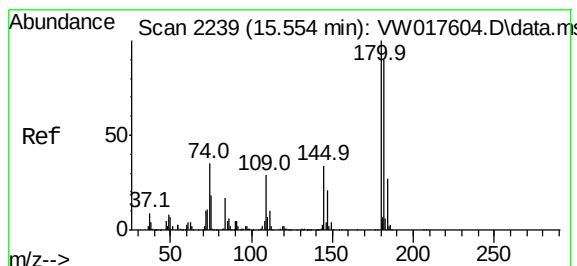
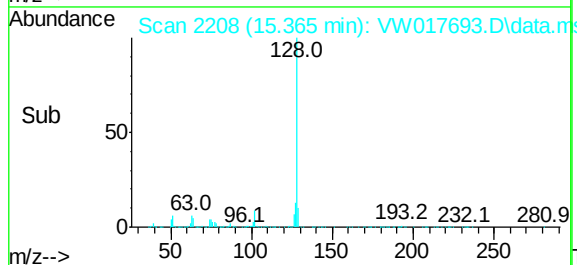
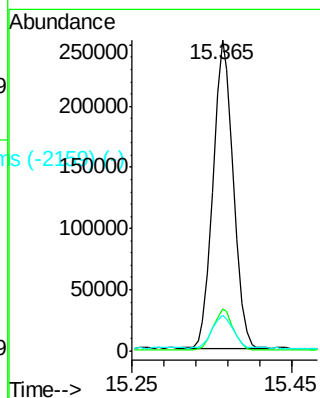
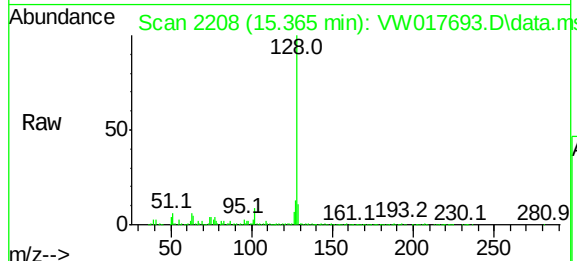
Tgt Ion:128 Resp: 441923

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	10.9	8.6	12.8

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
12/22/2020 11:17:52 AM



#95230 (-)
1,2,3-Trichlorobenzene
Concen: 48.99 ug/l
RT: 15.560 min Scan# 2240
Delta R.T. 0.006 min
Lab File: VW017693.D
Acq: 21 Dec 2020 18:07

Tgt Ion:180 Resp: 190390

Ion	Ratio	Lower	Upper
180	100		
182	96.3	49.4	148.2
145	35.3	16.3	48.9

