

Data Path : Z:\voasrv\HPCHEM1\MSVOA_w\Data\Vw121620\
 Data File : Vw017653.D
 Acq On : 16 Dec 2020 11:01
 Operator : SY/VA
 Sample : Vw1216SBS01
 Misc : 5.00G/5ML/MSVOA_w/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1216SBS01

Manual Integrations
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 12/19/2020 12:03:59 PM

Quant Time: Dec 17 05:05:13 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_w\Method\82W121420S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 14 12:39:23 2020
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.945	168	232624	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	393813	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	348042	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	169046	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	137015	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	
35) Dibromofluoromethane	7.884	113	128475	49.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.60%	
50) Toluene-d8	10.323	98	493759	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	
62) 4-Bromofluorobenzene	12.621	95	179054	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	43746	23.97	ug/l	100
3) Chloromethane	2.215	50	36542	17.78	ug/l	97
4) Vinyl Chloride	2.367	62	63482	21.31	ug/l	97
5) Bromomethane	2.776	94	65256	28.48	ug/l	97
6) Chloroethane	2.922	64	43974	23.62	ug/l	99
7) Trichlorofluoromethane	3.263	101	54176	22.99	ug/l	98
8) Diethyl Ether	3.678	74	24715	19.13	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.074	101	51908	20.30	ug/l	88
10) Methyl Iodide	4.281	142	74242	19.71	ug/l	90
11) Tert butyl alcohol	5.184	59	18855m	60.47	ug/l	
12) 1,1-Dichloroethene	4.044	96	51598	19.64	ug/l #	80
13) Acrolein	3.897	56	15130	88.66	ug/l	98
14) Allyl chloride	4.672	41	78491	19.40	ug/l	89
15) Acrylonitrile	5.373	53	47305	82.68	ug/l	96
16) Acetone	4.129	43	52667	85.42	ug/l	96
17) Carbon Disulfide	4.391	76	149495	19.46	ug/l	99
18) Methyl Acetate	4.672	43	21955	17.52	ug/l	90
19) Methyl tert-butyl Ether	5.428	73	69029	19.42	ug/l	98
20) Methylene Chloride	4.922	84	59920	19.41	ug/l #	81
21) trans-1,2-Dichloroethene	5.421	96	59490	20.39	ug/l	88
22) Diisopropyl ether	6.312	45	148338	20.09	ug/l #	92
23) Vinyl Acetate	6.257	43	446838	89.91	ug/l	95
24) 1,1-Dichloroethane	6.220	63	101632	20.27	ug/l	98
25) 2-Butanone	7.177	43	66081	80.49	ug/l #	88
26) 2,2-Dichloropropane	7.171	77	70644	18.65	ug/l	92
27) cis-1,2-Dichloroethene	7.171	96	63656	20.42	ug/l	86
28) Bromochloromethane	7.513	49	42848	20.10	ug/l #	72
29) Tetrahydrofuran	7.537	42	37944	82.17	ug/l	90
30) Chloroform	7.677	83	105838	20.79	ug/l	99
31) Cyclohexane	7.958	56	96753	19.77	ug/l	91
32) 1,1,1-Trichloroethane	7.872	97	89698	20.61	ug/l	94
36) 1,1-Dichloropropene	8.086	75	84880	20.59	ug/l	97
37) Ethyl Acetate	7.257	43	29920	17.37	ug/l	96
38) Carbon Tetrachloride	8.073	117	82969	20.02	ug/l	95
39) Methylcyclohexane	9.335	83	105700	20.24	ug/l	92
40) Benzene	8.323	78	228876	20.96	ug/l	100
41) Methacrylonitrile	7.482	41	17242	17.72	ug/l	93

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Quant Time: Dec 17 05:05:13 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_w\Method\82W121420S.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.403	62	68379	20.56	ug/l	95
43) Isopropyl Acetate	8.427	43	56030	17.33	ug/l #	92
44) Trichloroethene	9.092	130	62648	20.79	ug/l	87
45) 1,2-Dichloropropane	9.372	63	54629	20.27	ug/l	97
46) Dibromomethane	9.463	93	30045	19.92	ug/l #	84
47) Bromodichloromethane	9.646	83	76969	20.03	ug/l	93
48) Methyl methacrylate	9.439	41	27783	17.52	ug/l	89
49) 1,4-Dioxane	9.463	88	6698	359.07	ug/l #	94
51) 4-Methyl-2-Pentanone	10.213	43	134529	83.62	ug/l	92
52) Toluene	10.390	92	151358	21.19	ug/l	99
53) t-1,3-Dichloropropene	10.610	75	72289	18.38	ug/l	98
54) cis-1,3-Dichloropropene	10.073	75	89046	19.58	ug/l #	87
55) 1,1,2-Trichloroethane	10.786	97	39074	19.38	ug/l	95
56) Ethyl methacrylate	10.646	69	45802	17.58	ug/l #	85
57) 1,3-Dichloropropane	10.933	76	68739	19.29	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.927	63	119596	96.02	ug/l	90
59) 2-Hexanone	10.969	43	94013	87.34	ug/l	93
60) Dibromochloromethane	11.134	129	45978	18.22	ug/l	99
61) 1,2-Dibromoethane	11.238	107	37033	18.58	ug/l	99
64) Tetrachloroethene	10.866	164	50036	21.08	ug/l	90
65) Chlorobenzene	11.658	112	155592	20.79	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.731	131	50989	19.21	ug/l	97
67) Ethyl Benzene	11.731	91	292870	21.07	ug/l	95
68) m/p-Xylenes	11.841	106	217160	40.96	ug/l	94
69) o-Xylene	12.170	106	101332	20.27	ug/l	95
70) Styrene	12.182	104	170324	20.40	ug/l	95
71) Bromoform	12.353	173	22199	15.65	ug/l #	97
73) Isopropylbenzene	12.463	105	283969	21.24	ug/l	98
74) N-ethyl acetate	12.274	43	49507	17.66	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.713	83	42675	19.14	ug/l	97
76) 1,2,3-Trichloropropane	12.768	75	29445m	18.09	ug/l	
77) Bromobenzene	12.749	156	59389	20.75	ug/l	81
78) n-propylbenzene	12.804	91	347479	21.89	ug/l	97
79) 2-Chlorotoluene	12.896	91	191972	21.70	ug/l	96
80) 1,3,5-Trimethylbenzene	12.945	105	241179	21.32	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.512	75	12983	16.16	ug/l	89
82) 4-Chlorotoluene	12.987	91	202351	21.67	ug/l	96
83) tert-Butylbenzene	13.207	119	202296	20.91	ug/l	91
84) 1,2,4-Trimethylbenzene	13.249	105	240167	21.55	ug/l	96
85) sec-Butylbenzene	13.383	105	285108	20.98	ug/l	100
86) p-Isopropyltoluene	13.499	119	260585	21.24	ug/l	96
87) 1,3-Dichlorobenzene	13.499	146	120148	21.06	ug/l	97
88) 1,4-Dichlorobenzene	13.579	146	119217	21.05	ug/l	96
89) n-Butylbenzene	13.822	91	261608	21.70	ug/l	97
90) Hexachloroethane	14.091	117	47993	19.91	ug/l	80
91) 1,2-Dichlorobenzene	13.871	146	106387	20.98	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.487	75	6752	16.64	ug/l	80
93) 1,2,4-Trichlorobenzene	15.133	180	70093	21.60	ug/l	98
94) Hexachlorobutadiene	15.237	225	38130	22.36	ug/l	98
95) Naphthalene	15.365	128	127184	19.16	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	58522	20.85	ug/l	95

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

Instrument :

MSVOA_W

ClientSampleId :

VW1216SBSD01

Manual Integrations

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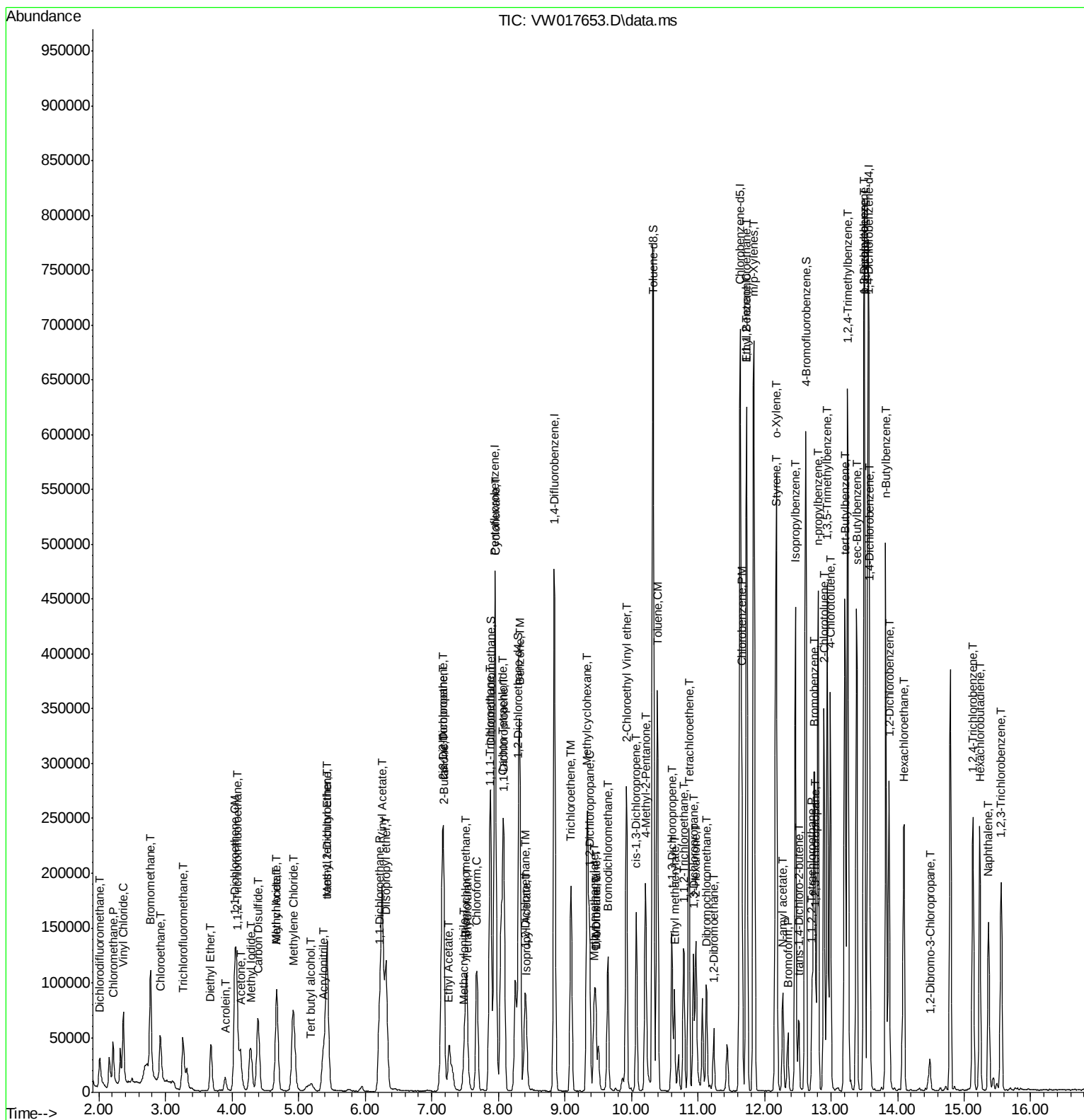
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 Data File : VW017653.D
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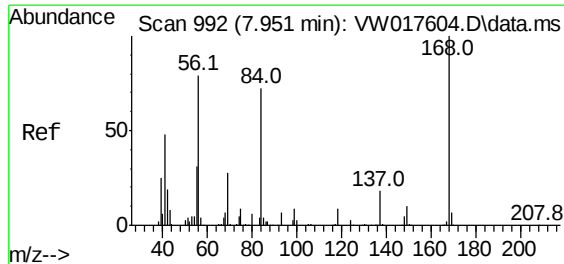
Instrument :
 MSVOA_W
 Client Sample Id :
 VW1216SBSD01

Manual Integrations
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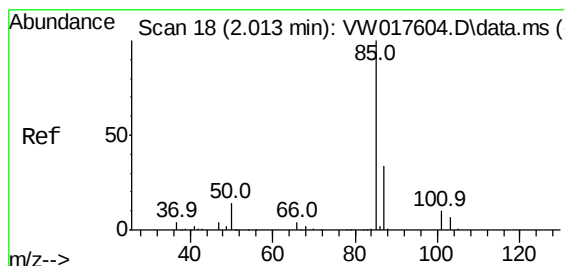
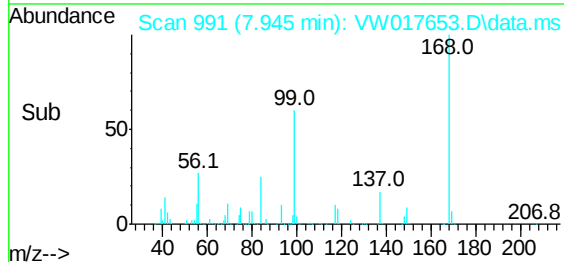
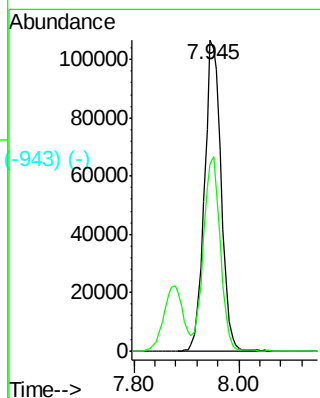
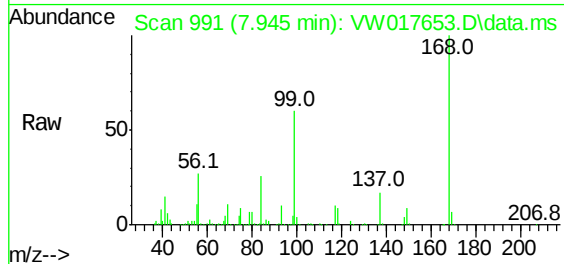
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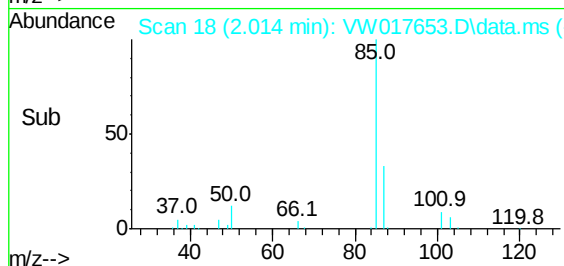
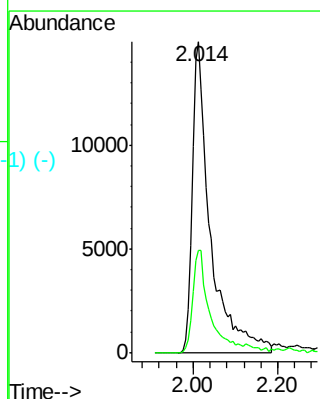
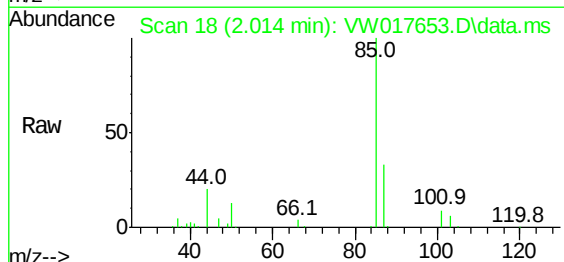
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.006 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01

Tgt Ion:168 Resp: 232624
Ion Ratio Lower Upper
168 100
99 60.1 40.7 61.1



Dichlorodifluoromethane
Concen: 23.97 ug/l
RT: 2.014 min Scan# 18
Delta R.T. 0.001 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01

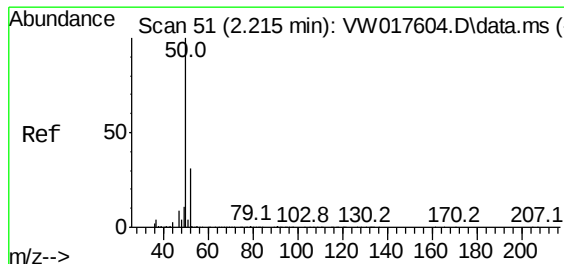
Tgt Ion: 85 Resp: 43746
Ion Ratio Lower Upper
85 100
87 32.9 16.3 48.9



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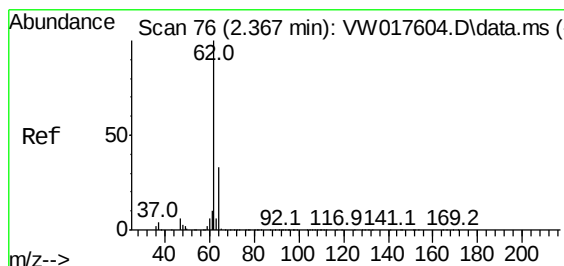
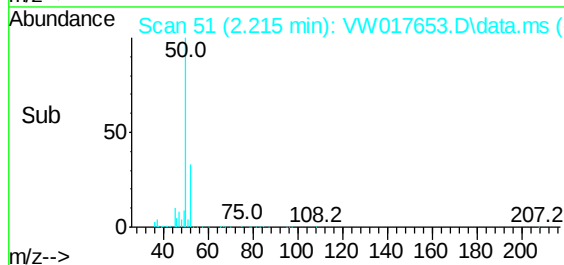
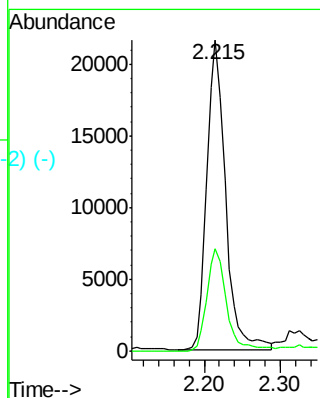
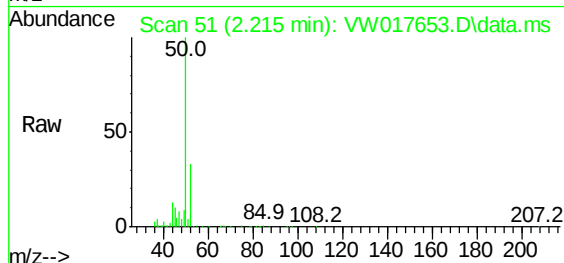
Chloromethane
Concen: 17.78 ug/l
RT: 2.215 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01

Tgt Ion: 50 Resp: 36542
Ion Ratio Lower Upper
50 100
52 32.9 27.6 41.4

Instrument :
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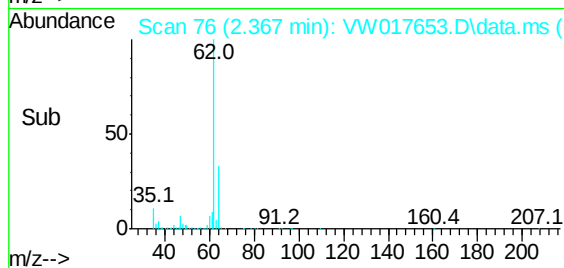
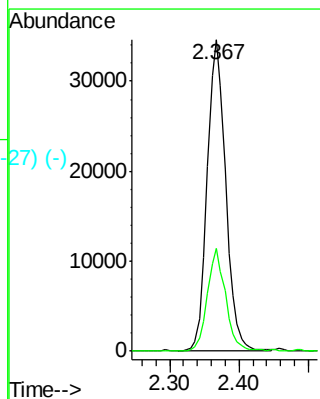
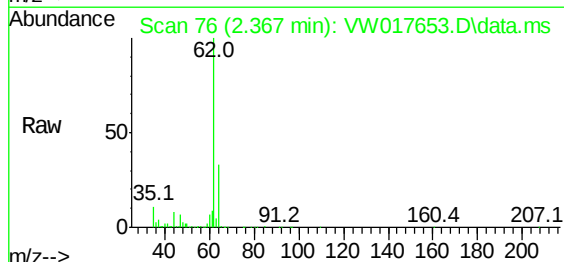
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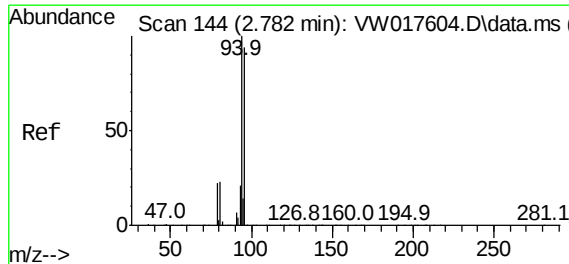
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Vinyl Chloride
Concen: 21.31 ug/l
RT: 2.367 min Scan# 76
Delta R.T. 0.000 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01

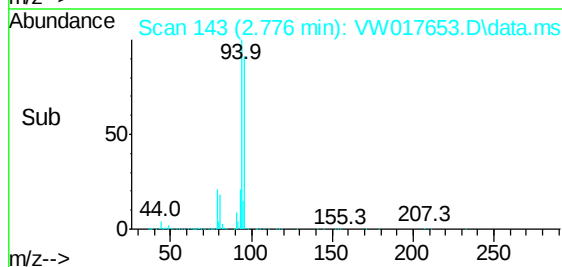
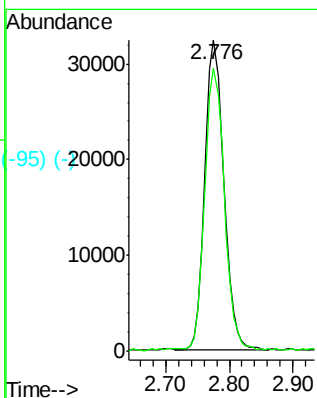
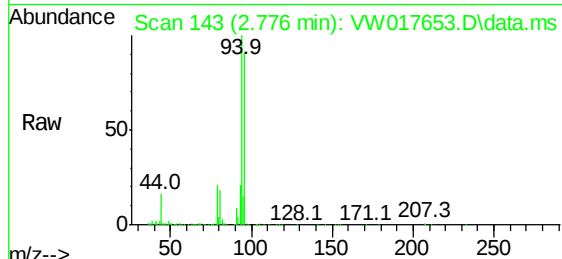
Tgt Ion: 62 Resp: 63482
Ion Ratio Lower Upper
62 100
64 32.7 25.0 37.4





Bromomethane
Concen: 28.48 ug/l
RT: 2.776 min Scan# 143
Delta R.T. -0.006 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01

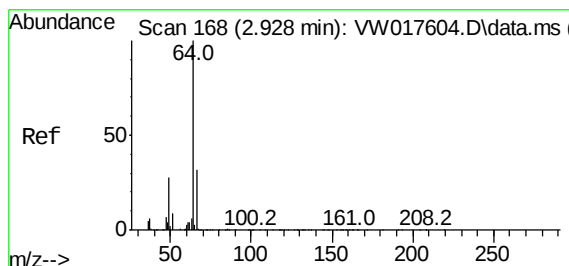
Tgt Ion: 94 Resp: 65256
Ion Ratio Lower Upper
94 100
96 90.8 74.7 112.1



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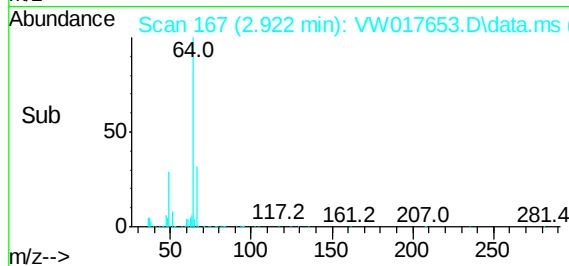
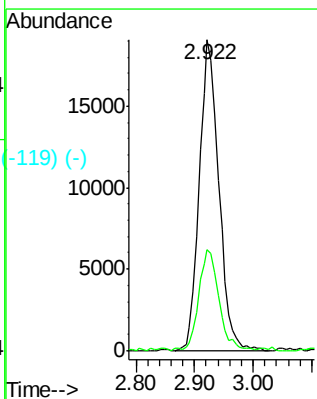
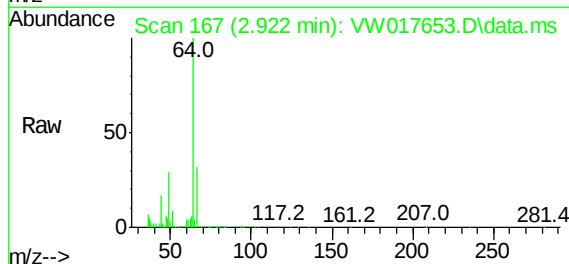
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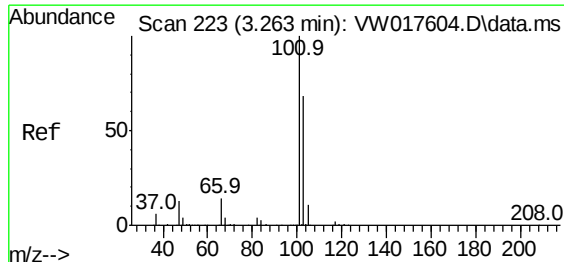
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Chloroethane
Concen: 23.62 ug/l
RT: 2.922 min Scan# 167
Delta R.T. -0.006 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01

Tgt Ion: 64 Resp: 43974
Ion Ratio Lower Upper
64 100
66 31.9 25.0 37.6





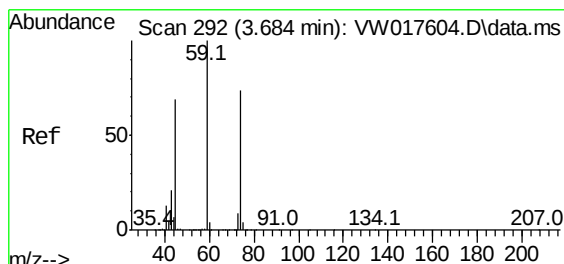
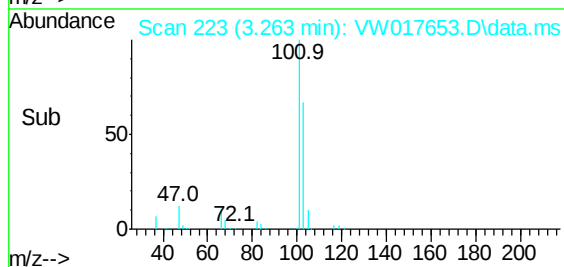
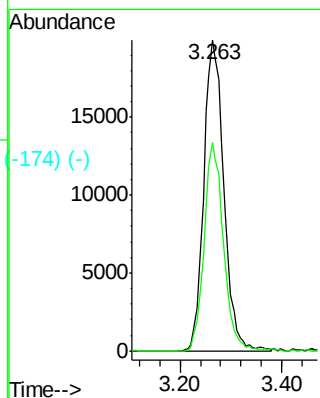
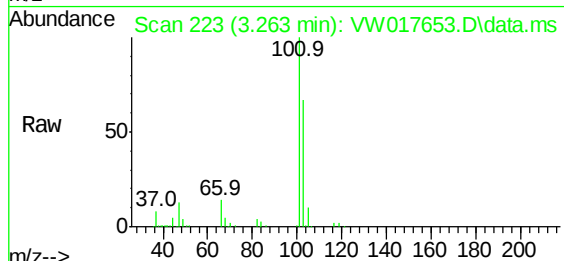
Trichlorofluoromethane
 Concen: 22.99 ug/l
 RT: 3.263 min Scan# 223
 Delta R.T. 0.000 min
 Lab File: VW017653.D
 Acq: 16 Dec 2020 11:01

Tgt Ion: 101 Resp: 54176
 Ion Ratio Lower Upper
 101 100
 103 67.1 52.6 79.0

Instrument :
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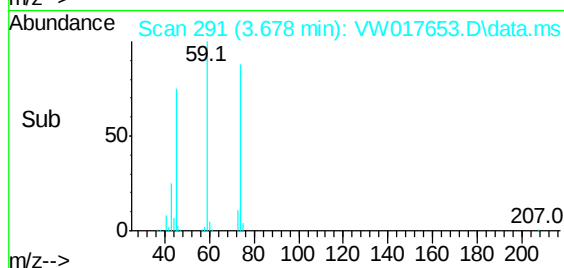
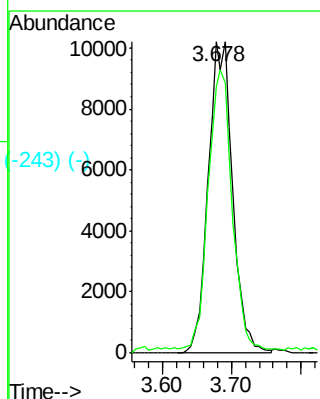
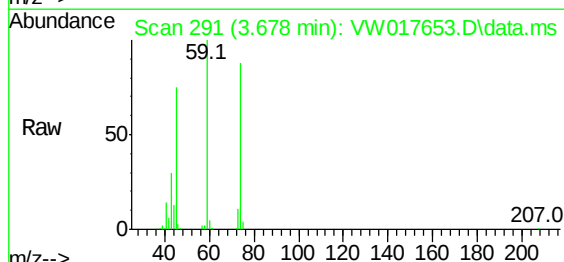
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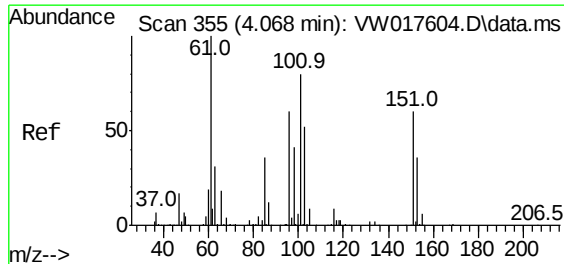
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Diethyl Ether
 Concen: 19.13 ug/l
 RT: 3.678 min Scan# 291
 Delta R.T. -0.006 min
 Lab File: VW017653.D
 Acq: 16 Dec 2020 11:01

Tgt Ion: 74 Resp: 24715
 Ion Ratio Lower Upper
 74 100
 45 88.1 41.1 123.4



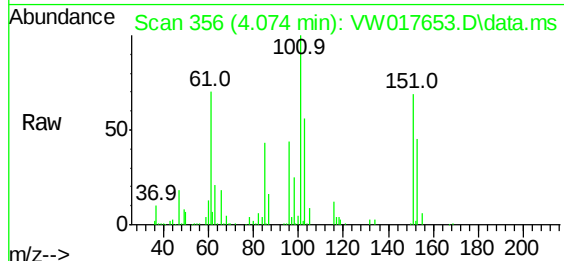


1,1,2-Trichlorotrifluoroethane
Concen: 20.30 ug/l
RT: 4.074 min Scan# 356
Delta R.T. 0.006 min
Lab File: VW017653.D
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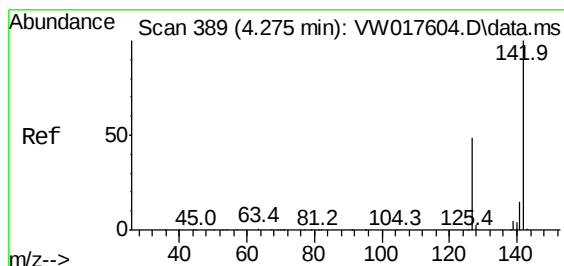
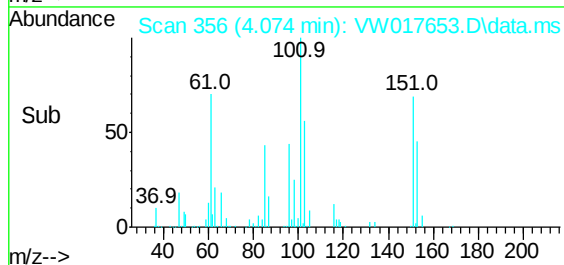
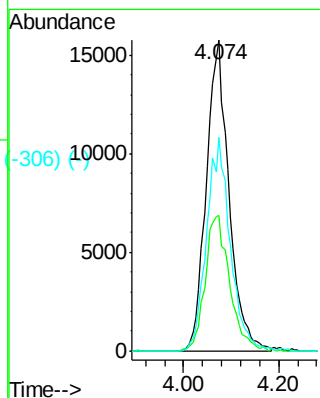
Instrument :
MSVOA_W
ClientSampleId :
VW1216SBSD01

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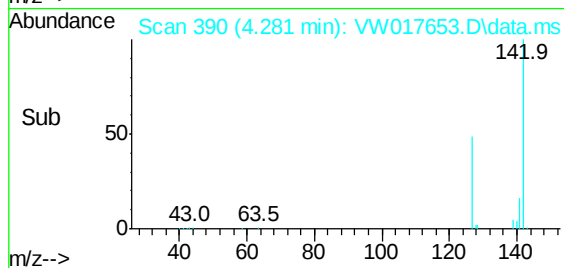
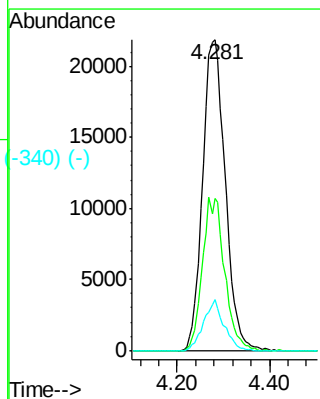
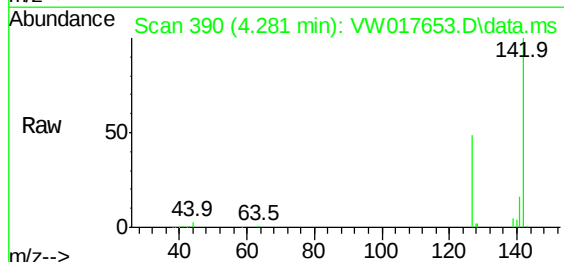


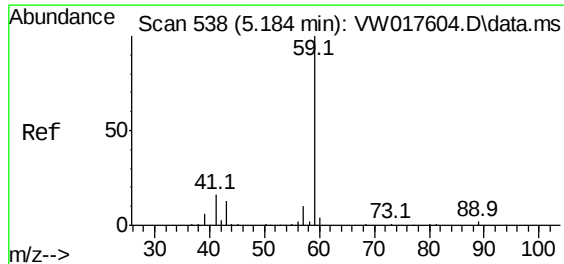
Tgt Ion:101 Resp: 51908
Ion Ratio Lower Upper
101 100
85 47.0 33.2 49.8
151 71.1 66.6 100.0



Methyl Iodide
Concen: 19.71 ug/l
RT: 4.281 min Scan# 390
Delta R.T. 0.006 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01

Tgt Ion:142 Resp: 74242
Ion Ratio Lower Upper
142 100
127 48.2 32.4 48.6
141 14.7 11.4 17.0





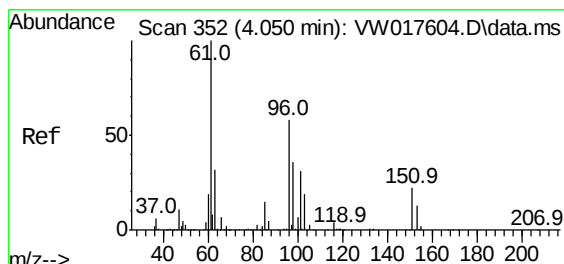
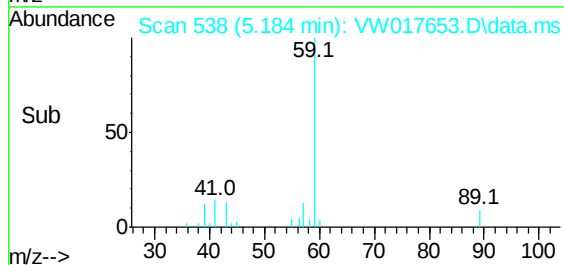
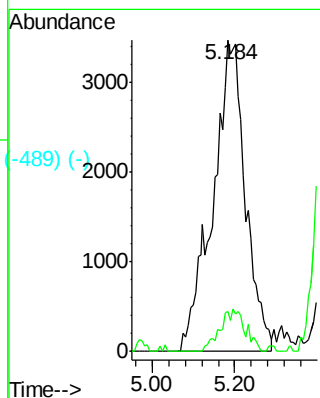
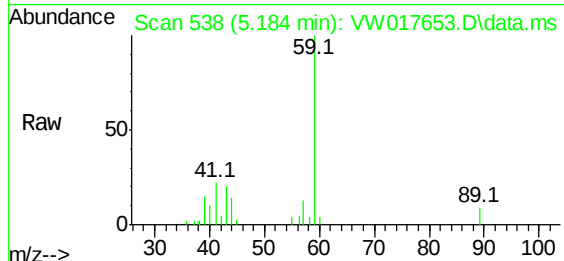
#15 (-)
Tert butyl alcohol
Concen: 60.47 ug/l m
RT: 5.184 min Scan# 538
Delta R.T. -0.000 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01

Tgt Ion: 59 Resp: 18855
Ion Ratio Lower Upper
59 100
57 4.7 4.7 7.1#

Instrument :
MSVOA_W
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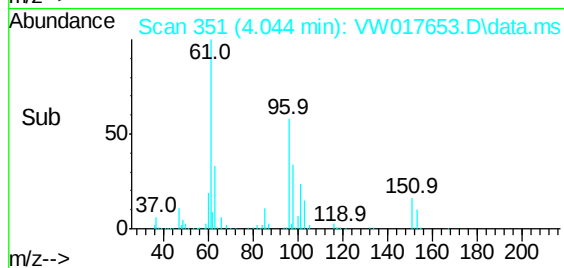
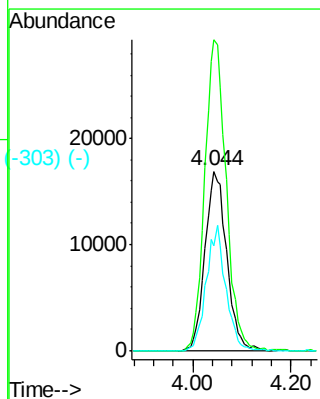
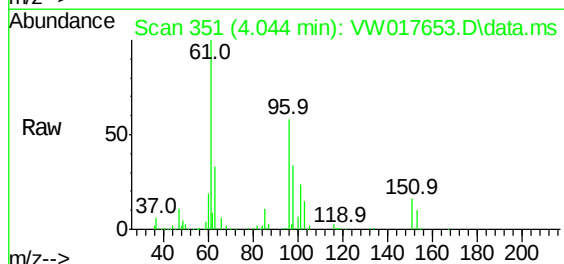
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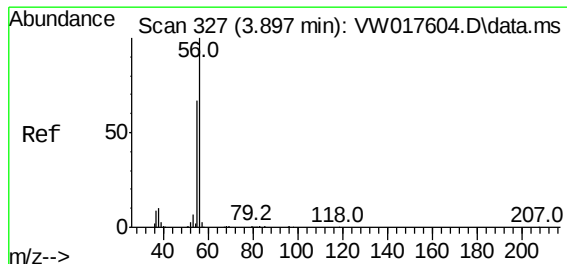
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#19 (-)
1,1-Dichloroethene
Concen: 19.64 ug/l
RT: 4.044 min Scan# 351
Delta R.T. -0.006 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01

Tgt Ion: 96 Resp: 51598
Ion Ratio Lower Upper
96 100
61 173.2 111.7 167.5#
98 58.6 49.0 73.4





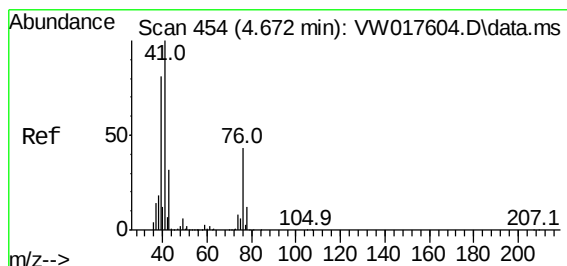
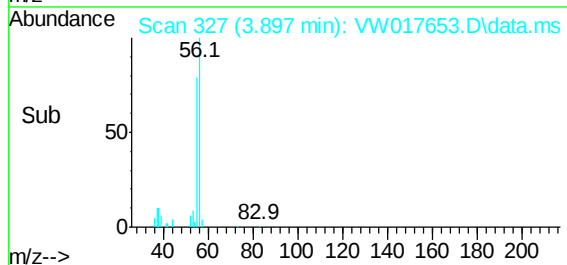
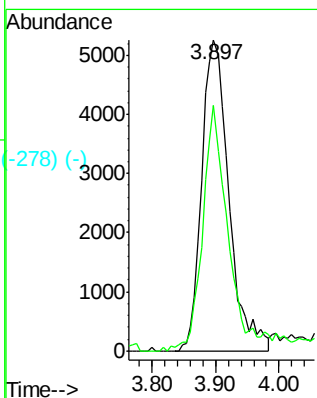
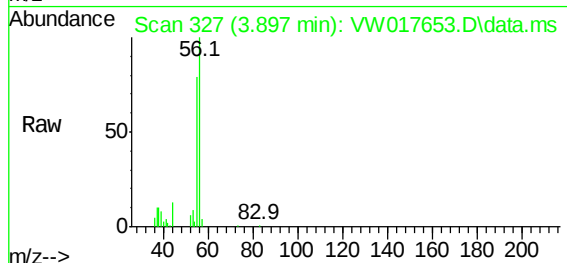
#18 (-)
Acrolein
Concen: 88.66 ug/l
RT: 3.897 min Scan# 327
Delta R.T. 0.000 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01

Tgt Ion: 56 Resp: 15130
Ion Ratio Lower Upper
56 100
55 71.9 55.9 83.9

Instrument :
MSVOA_W
ClientSampleId :
VW1216SBSD01

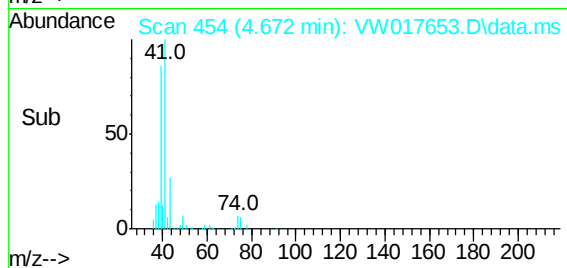
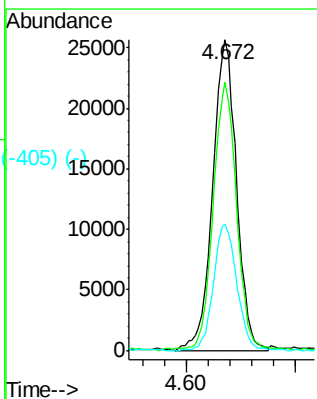
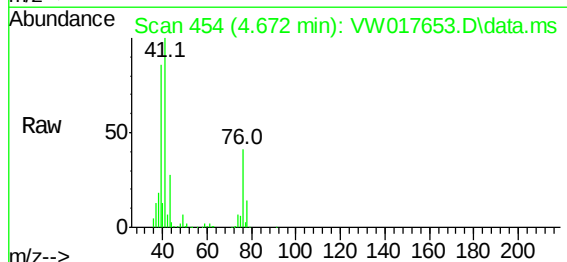
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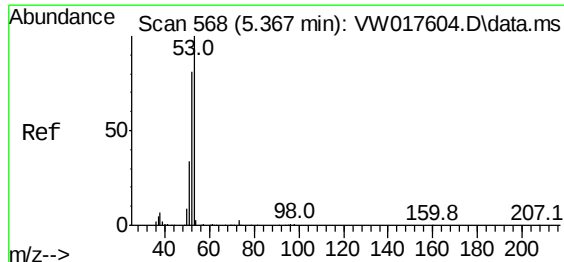
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#34 (-)
Allyl chloride
Concen: 19.40 ug/l
RT: 4.672 min Scan# 454
Delta R.T. -0.000 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01

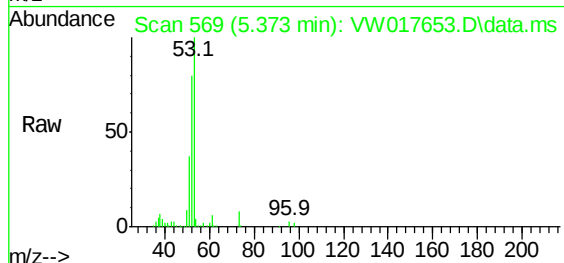
Tgt Ion: 41 Resp: 78491
Ion Ratio Lower Upper
41 100
39 83.3 57.8 86.8
76 39.8 35.1 52.7





#55 (-)
Acrylonitrile
Concen: 82.68 ug/l
RT: 5.373 min Scan# 569
Delta R.T. 0.006 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01

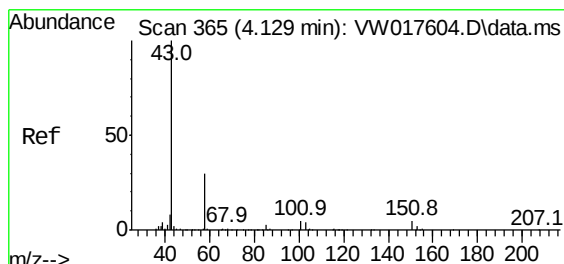
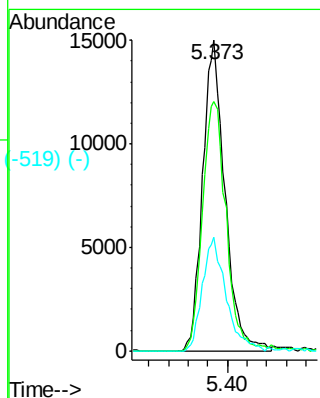
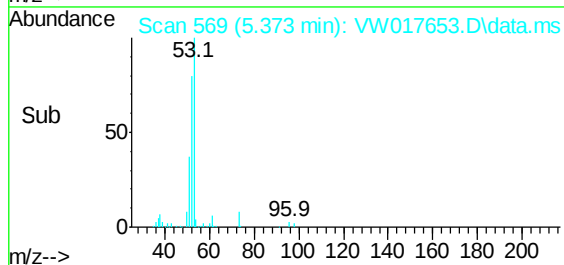
Instrument :
MSVOA_W
ClientSampleId :
VW1216SBSD01



Tgt Ion: 53 Resp: 47305
Ion Ratio Lower Upper
53 100
52 84.6 65.0 97.4
51 38.6 29.1 43.7

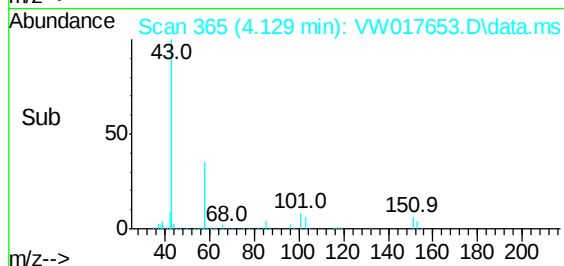
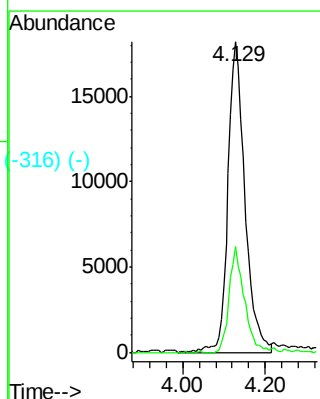
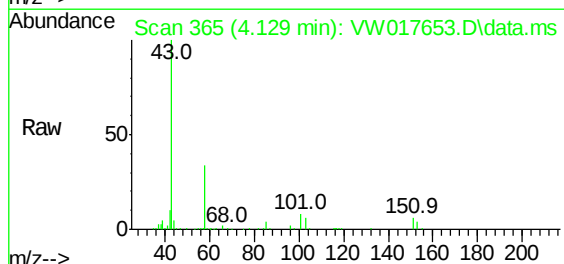
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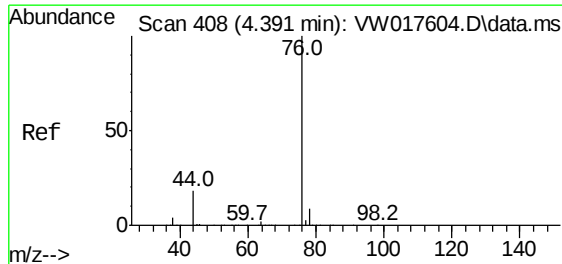
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#46 (-)
Acetone
Concen: 85.42 ug/l
RT: 4.129 min Scan# 365
Delta R.T. 0.000 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01

Tgt Ion: 43 Resp: 52667
Ion Ratio Lower Upper
43 100
58 34.1 25.7 38.5





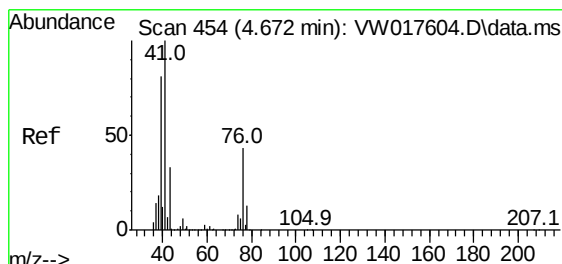
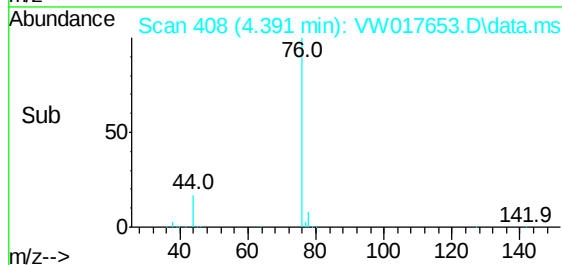
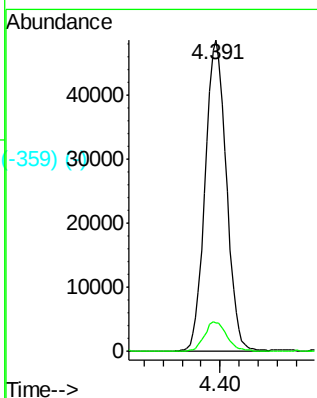
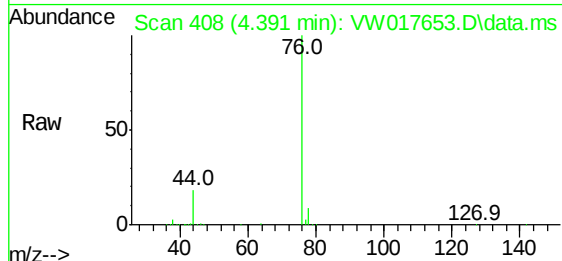
#17 (-)
Carbon Disulfide
Concen: 19.46 ug/l
RT: 4.391 min Scan# 408
Delta R.T. 0.000 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01

Tgt Ion: 76 Resp: 149495
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.2

Instrument :
MSVOA_W
ClientSampleId :
VW1216SBS01

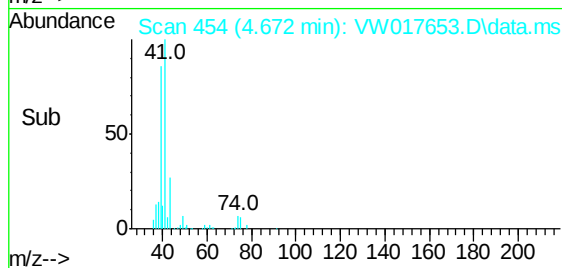
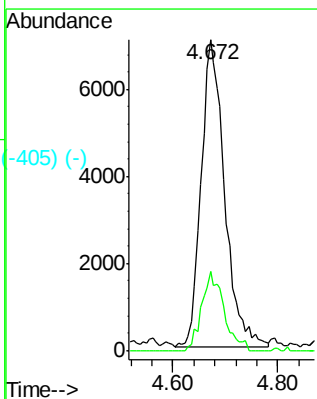
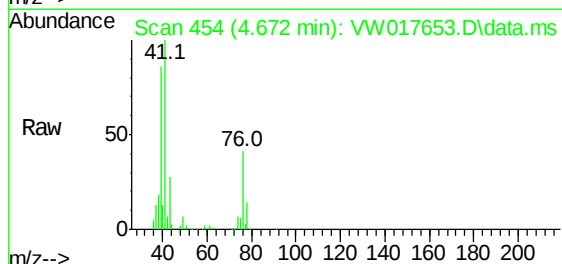
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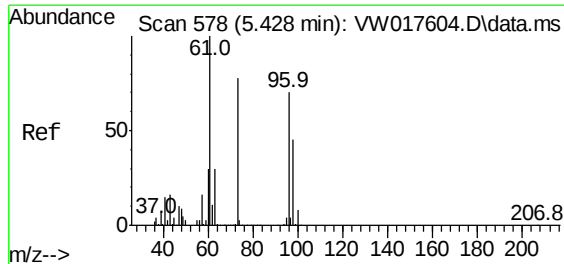
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#18 (-)
Methyl Acetate
Concen: 17.52 ug/l
RT: 4.672 min Scan# 454
Delta R.T. -0.000 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01

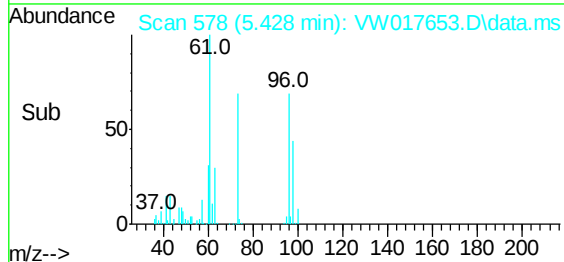
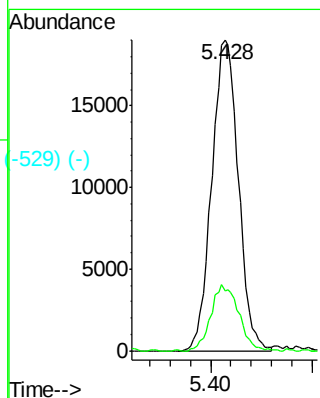
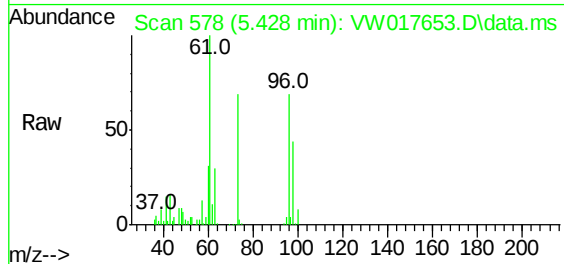
Tgt Ion: 43 Resp: 21955
Ion Ratio Lower Upper
43 100
74 24.2 23.8 35.6





#529 (-)
Methyl tert-butyl Ether
Concen: 19.42 ug/l
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01

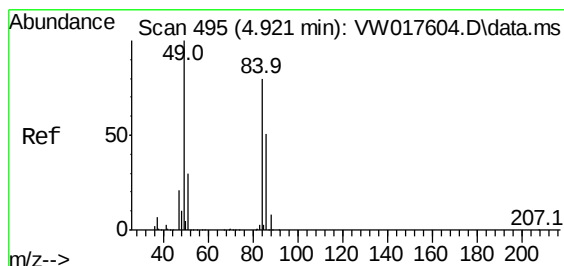
Tgt Ion: 73 Resp: 69029
Ion Ratio Lower Upper
73 100
57 19.1 16.1 24.1



Instrument :
MSVOA_W
ClientSampleId :
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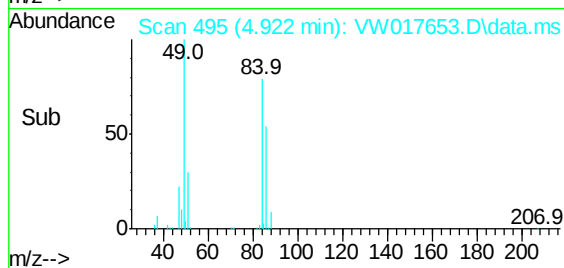
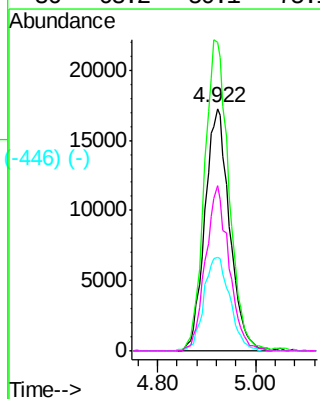
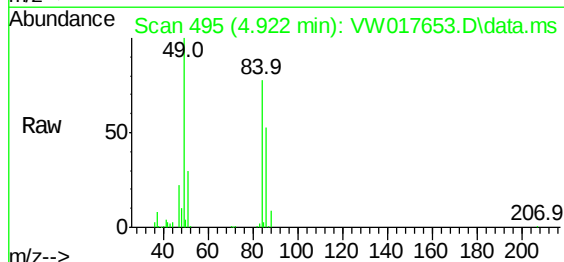
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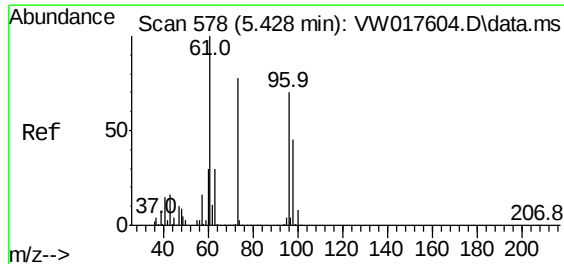
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#446 (-)
Methylene Chloride
Concen: 19.41 ug/l
RT: 4.922 min Scan# 495
Delta R.T. 0.001 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01

Tgt Ion: 84 Resp: 59920
Ion Ratio Lower Upper
84 100
49 127.3 79.0 118.6#
51 38.6 26.1 39.1
86 68.2 50.1 75.1





#21 (-)
trans-1,2-Dichloroethene
Concen: 20.39 ug/l
RT: 5.421 min Scan# 577
Delta R.T. -0.007 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01

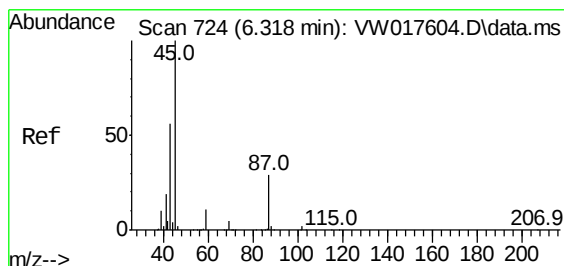
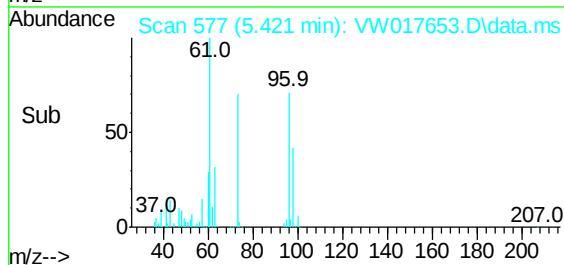
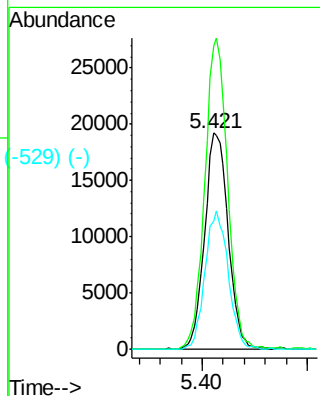
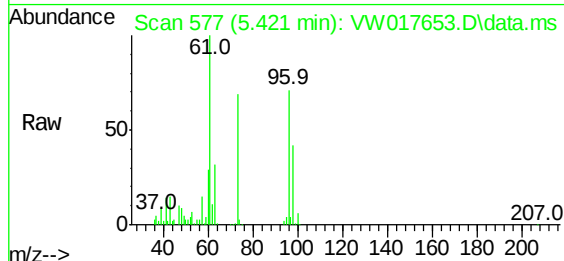
Tgt Ion: 96 Resp: 59490

Ion	Ratio	Lower	Upper
96	100		
61	140.3	97.4	146.0
98	59.2	49.4	74.0

Instrument :
MSVOA_W
ClientSampleId :
VW1216SBSD01

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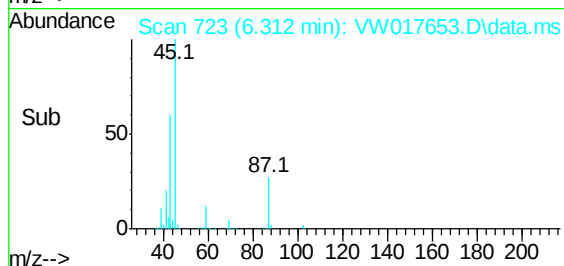
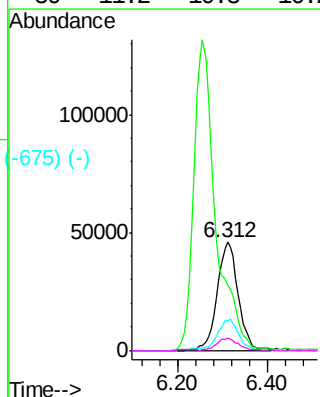
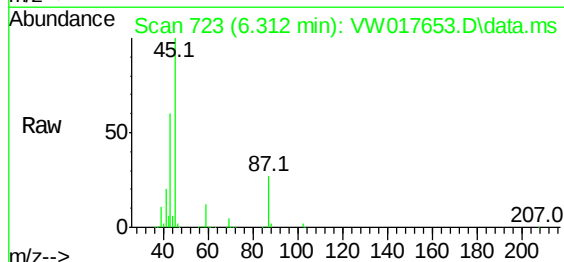
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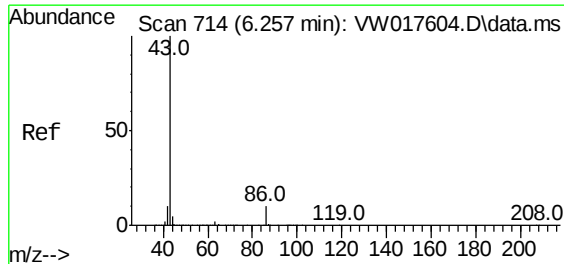


#22 (-)
Diisopropyl ether
Concen: 20.09 ug/l
RT: 6.312 min Scan# 723
Delta R.T. -0.006 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01

Tgt Ion: 45 Resp: 148338

Ion	Ratio	Lower	Upper
45	100		
43	58.4	43.8	65.8
87	26.4	27.6	41.4#
59	11.2	10.8	16.2



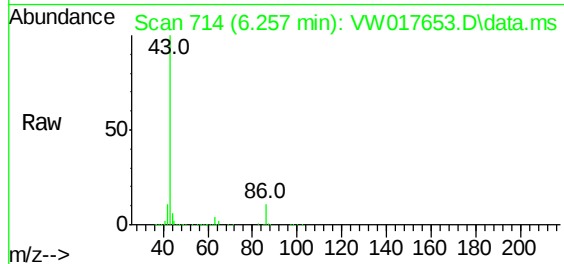


#23 (-)
 Vinyl Acetate
 Concen: 89.91 ug/l
 RT: 6.257 min Scan# 714
 Delta R.T. -0.000 min
 Lab File: VW017653.D
 Acq: 16 Dec 2020 11:01

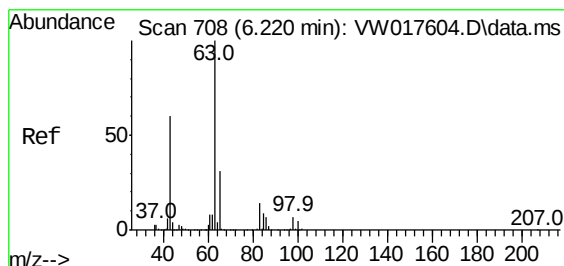
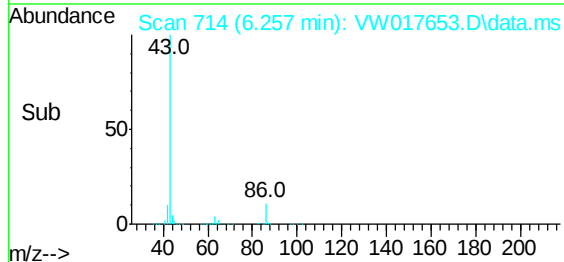
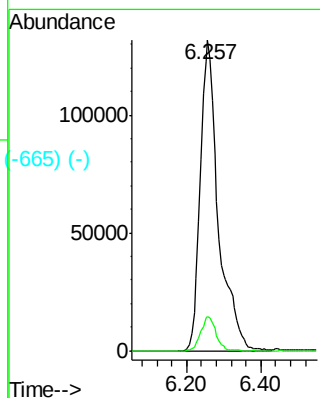
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1216SBSD01

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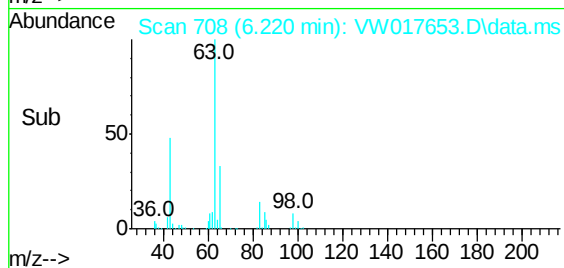
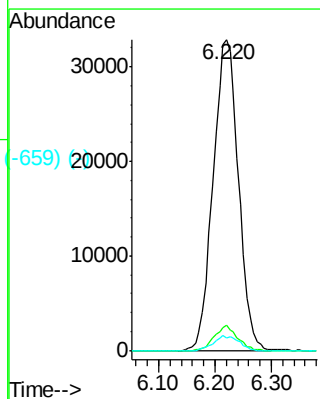
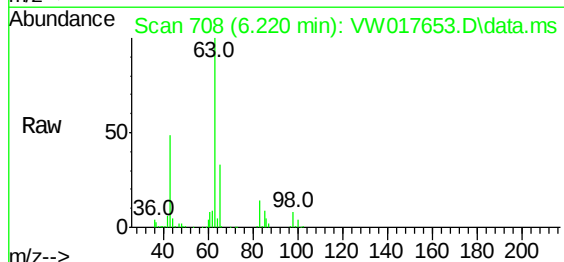


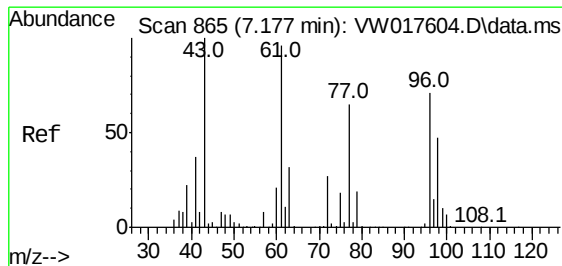
Tgt Ion: 43 Resp: 446838
 Ion Ratio Lower Upper
 43 100
 86 10.8 10.2 15.4



#24 (-)
 1,1-Dichloroethane
 Concen: 20.27 ug/l
 RT: 6.220 min Scan# 708
 Delta R.T. 0.000 min
 Lab File: VW017653.D
 Acq: 16 Dec 2020 11:01

Tgt Ion: 63 Resp: 101632
 Ion Ratio Lower Upper
 63 100
 98 8.1 4.2 12.6
 100 4.1 2.6 7.8





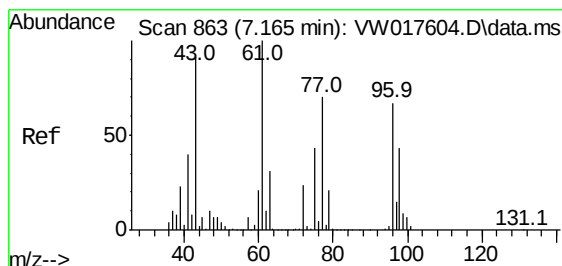
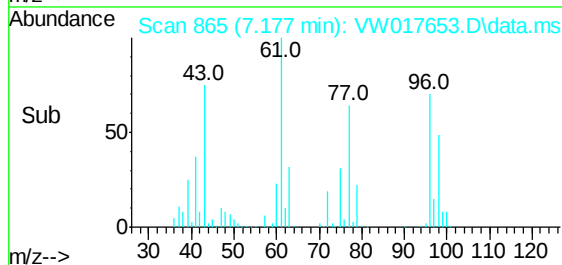
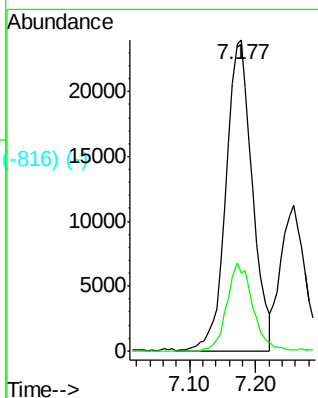
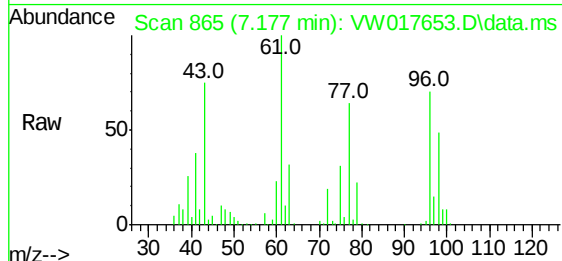
#25 (-)
2-Butanone
Concen: 80.49 ug/l
RT: 7.177 min Scan# 865
Delta R.T. 0.000 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01

Instrument :
MSVOA_W
ClientSampleId :
VW1216SBSD01

Tgt Ion: 43 Resp: 66081
Ion Ratio Lower Upper
43 100
72 25.1 25.4 38.2#

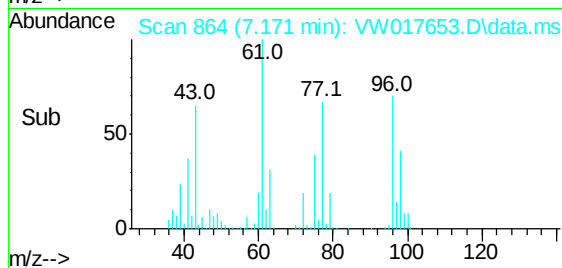
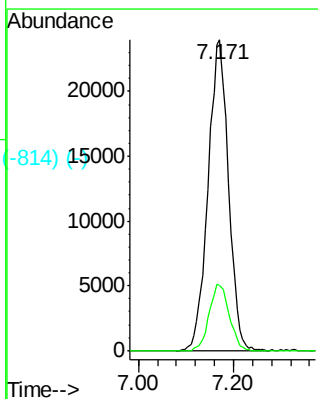
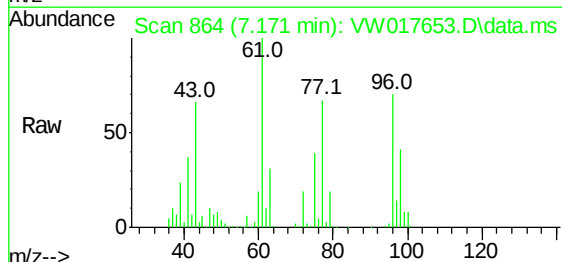
Manual Integrations
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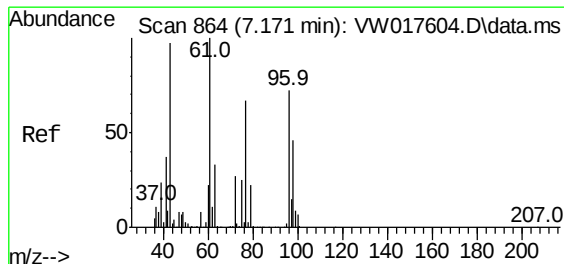
MMDadoda
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#26 (-)
2,2-Dichloropropane
Concen: 18.65 ug/l
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01

Tgt Ion: 77 Resp: 70644
Ion Ratio Lower Upper
77 100
97 20.8 12.4 37.4





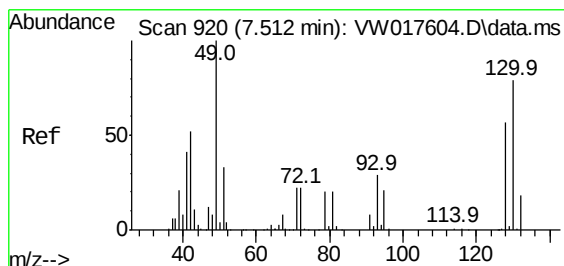
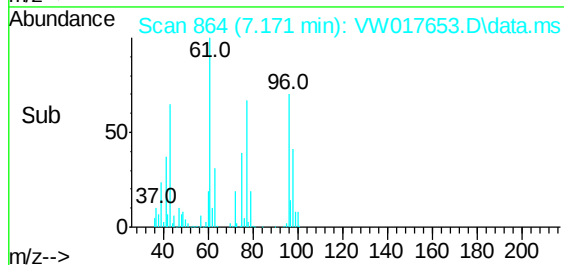
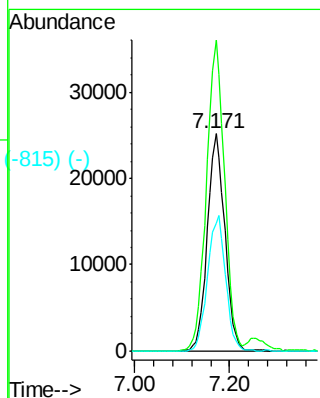
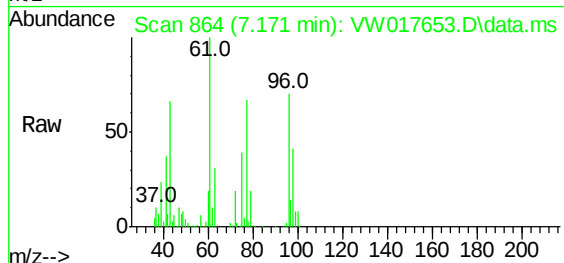
cis-1,2-Dichloroethene
Concen: 20.42 ug/l
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01

Tgt Ion: 96 Resp: 63656
Ion Ratio Lower Upper
96 100
61 148.1 0.0 249.6
98 64.2 0.0 129.4

Instrument :
MSVOA_W
ClientSampleId :
VW1216SBSD01

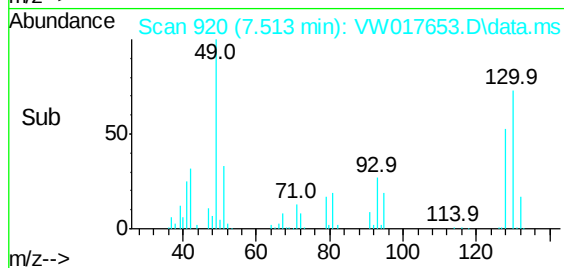
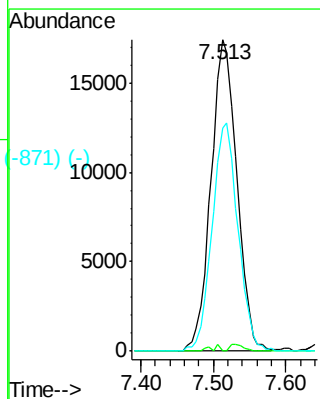
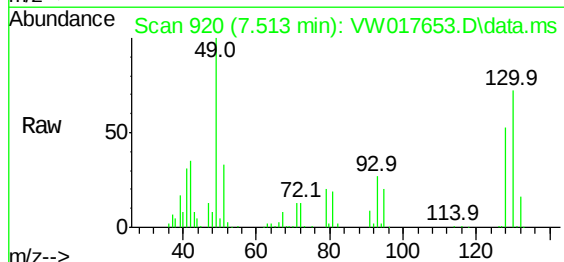
Manual Integrations
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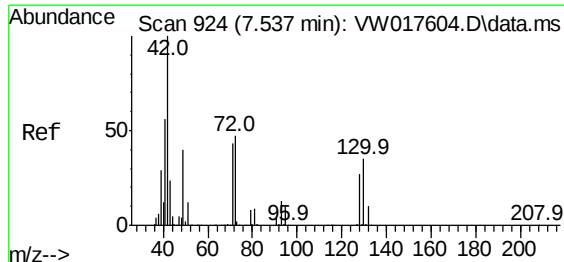
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Bromochloromethane
Concen: 20.10 ug/l
RT: 7.513 min Scan# 920
Delta R.T. 0.001 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01

Tgt Ion: 49 Resp: 42848
Ion Ratio Lower Upper
49 100
129 0.9 0.0 4.8
130 72.8 81.3 121.9#





Tetrahydrofuran
Concen: 82.17 ug/l
RT: 7.537 min Scan# 924
Delta R.T. -0.000 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01

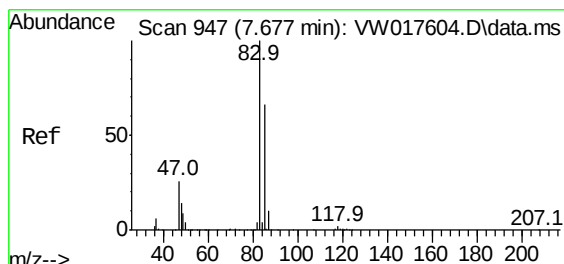
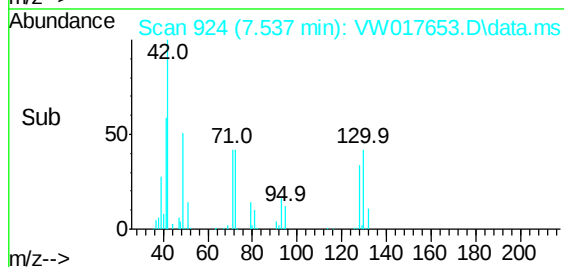
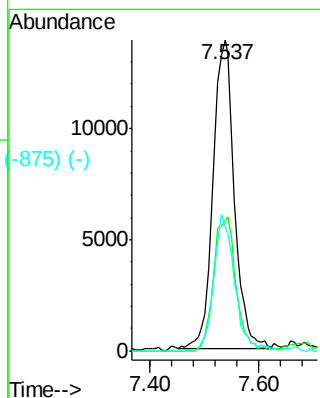
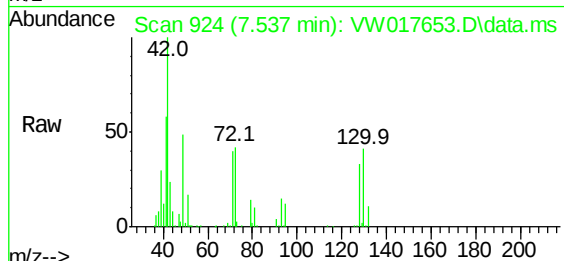
Tgt Ion: 42 Resp: 37944

Ion	Ratio	Lower	Upper
42	100		
72	45.2	42.0	63.0
71	42.6	39.0	58.6

Instrument :
MSVOA_W
ClientSampleId :
VW1216SBS01

Manual Integrations
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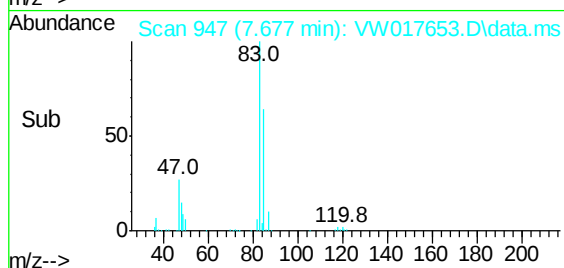
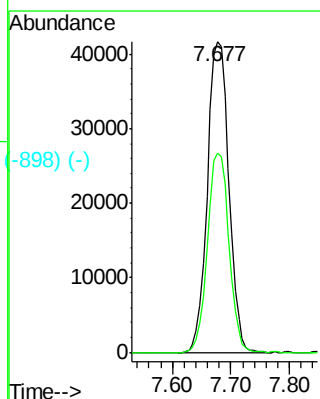
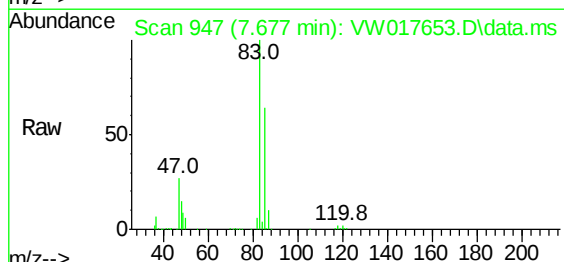
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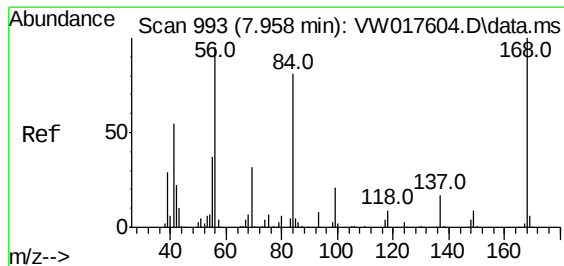


Chloroform
Concen: 20.79 ug/l
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01

Tgt Ion: 83 Resp: 105838

Ion	Ratio	Lower	Upper
83	100		
85	64.1	51.7	77.5





Cyclohexane
Concen: 19.77 ug/l
RT: 7.958 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01

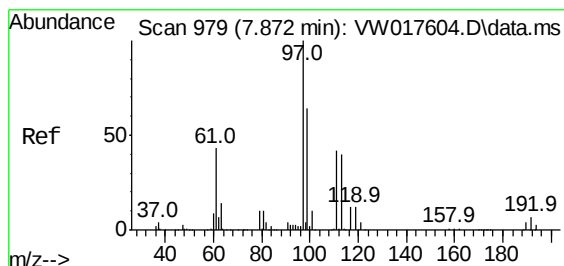
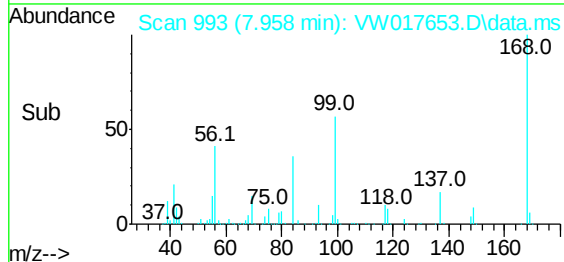
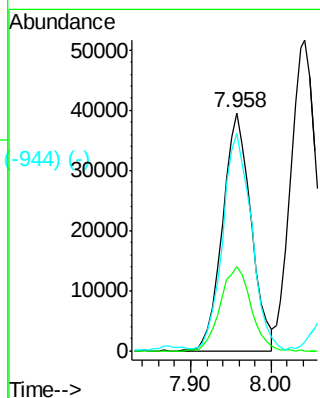
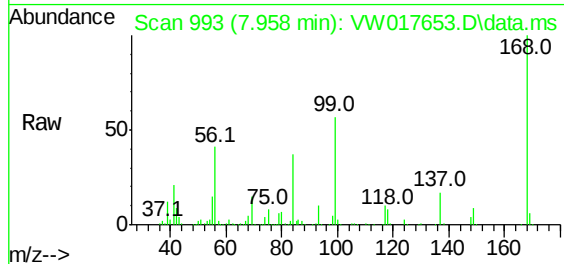
Tgt Ion: 56 Resp: 96753

Ion	Ratio	Lower	Upper
56	100		
69	35.1	29.3	43.9
84	89.8	80.5	120.7

Instrument :
MSVOA_W
ClientSampleId :
VW1216SBS01

Manual Integrations
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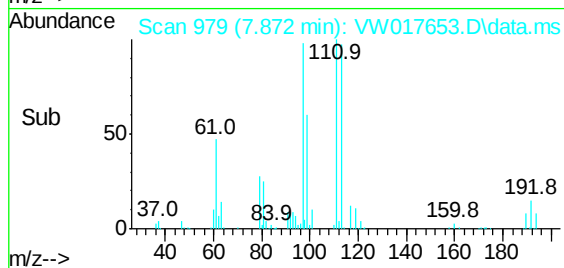
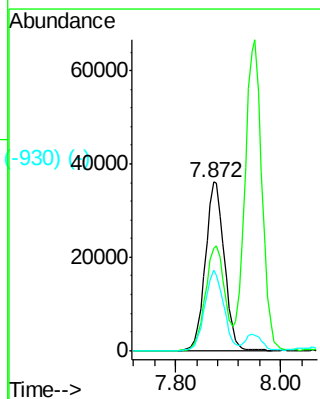
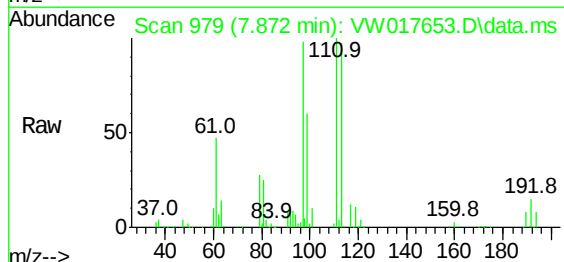
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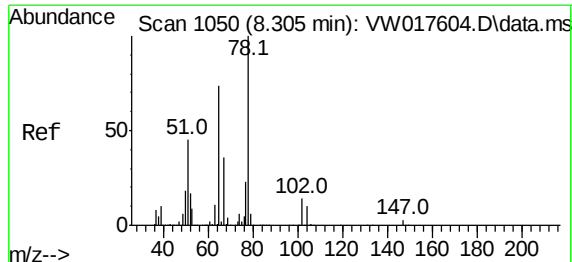


1,1,1-Trichloroethane
Concen: 20.61 ug/l
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01

Tgt Ion: 97 Resp: 89698

Ion	Ratio	Lower	Upper
97	100		
99	64.2	52.4	78.6
61	47.7	31.9	47.9





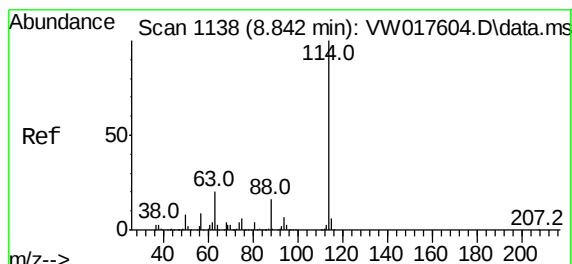
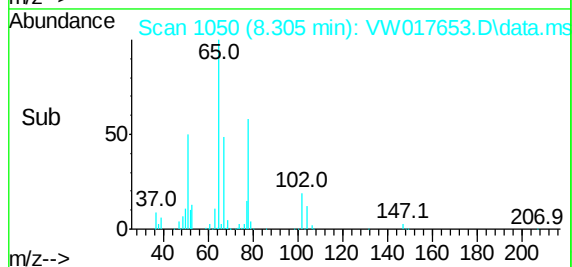
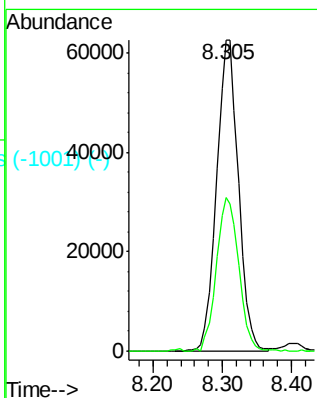
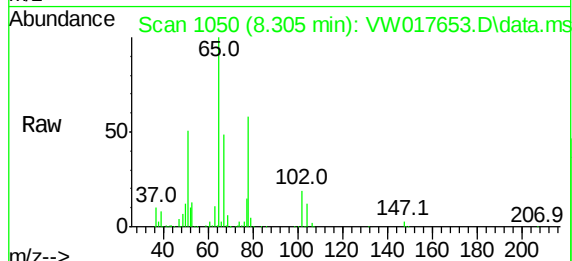
(#1050) (-)
1,2-Dichloroethane-d4
Concen: 48.35 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01

Tgt Ion: 65 Resp: 137015
Ion Ratio Lower Upper
65 100
67 50.4 0.0 103.8

Instrument :
MSVOA_W
ClientSampleId :
VW1216SBS01

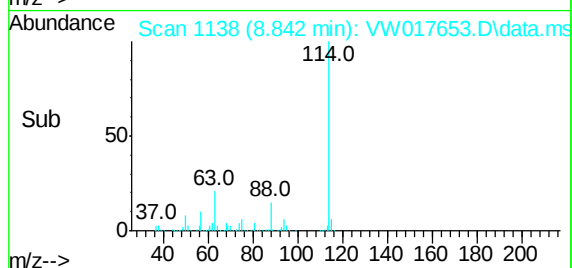
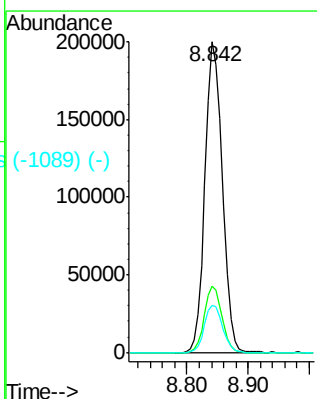
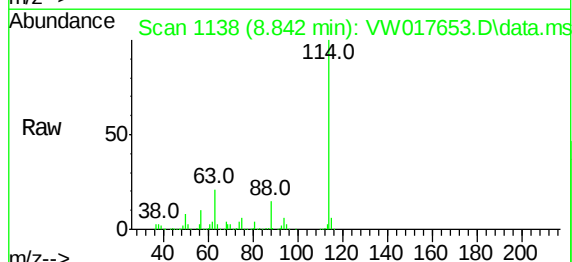
Manual Integrations
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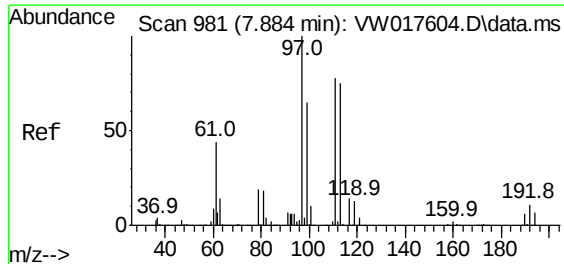
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(#1138) (-)
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. -0.000 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01

Tgt Ion:114 Resp: 393813
Ion Ratio Lower Upper
114 100
63 21.2 0.0 35.6
88 15.0 0.0 30.4





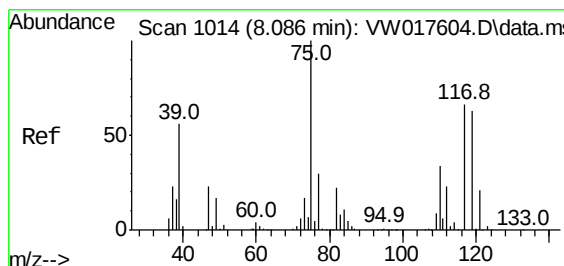
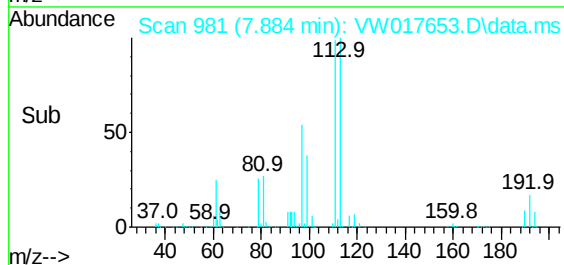
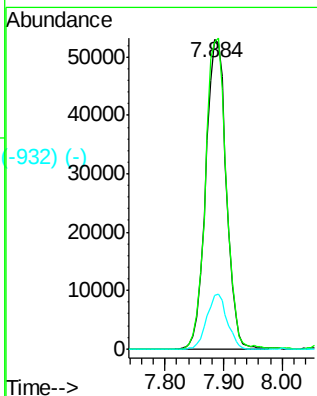
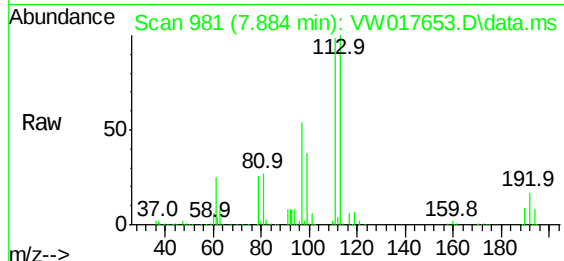
#935 (-)
Dibromofluoromethane
Concen: 49.30 ug/l
RT: 7.884 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01

Instrument :
MSVOA_W
ClientSampleId :
VW1216SBS01

Tgt Ion:113 Resp: 128475
Ion Ratio Lower Upper
113 100
111 101.5 81.4 122.2
192 17.3 17.8 26.8#

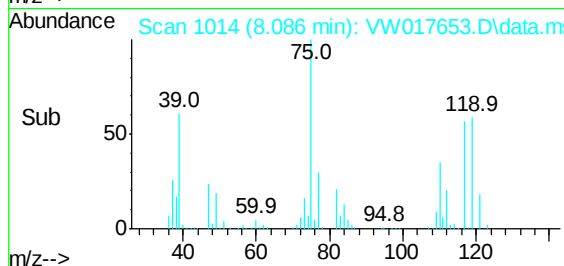
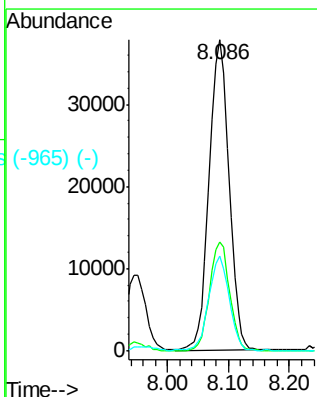
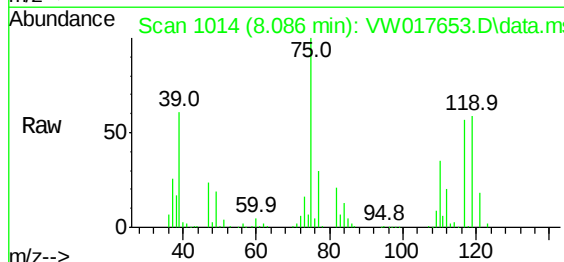
Manual Integrations
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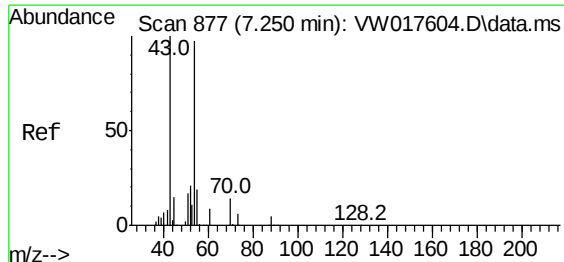
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#931 (-)
1,1-Dichloropropene
Concen: 20.59 ug/l
RT: 8.086 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01

Tgt Ion: 75 Resp: 84880
Ion Ratio Lower Upper
75 100
110 34.9 19.3 57.9
77 31.2 25.0 37.6





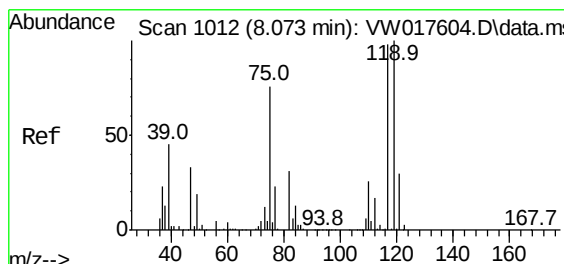
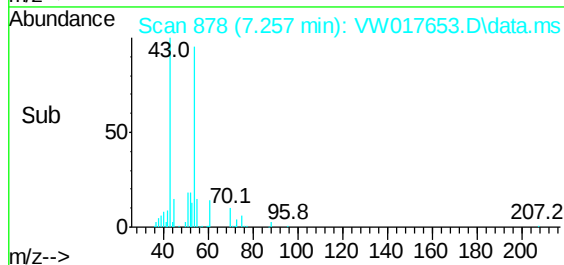
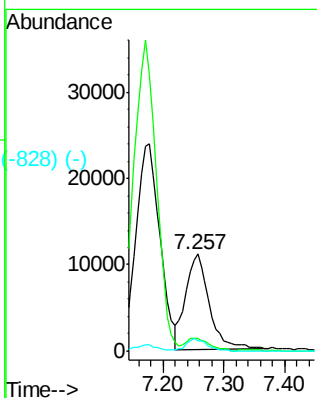
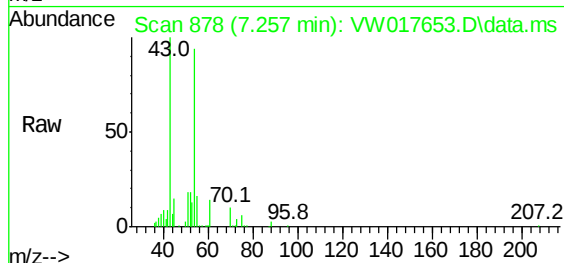
Ethyl Acetate
Concen: 17.37 ug/l
RT: 7.257 min Scan# 878
Delta R.T. 0.007 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01

Tgt Ion: 43	Resp: 29920
Ion Ratio	Lower Upper
43	100
61	13.4 12.0 18.0
70	10.8 9.9 14.9

Instrument :
MSVOA_W
ClientSampleId :
VW1216SBS01

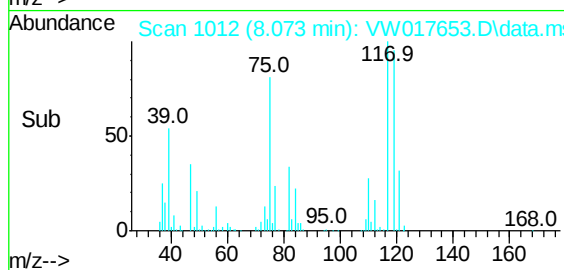
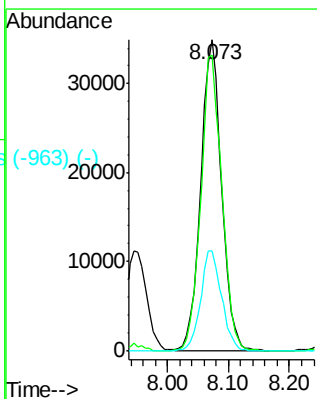
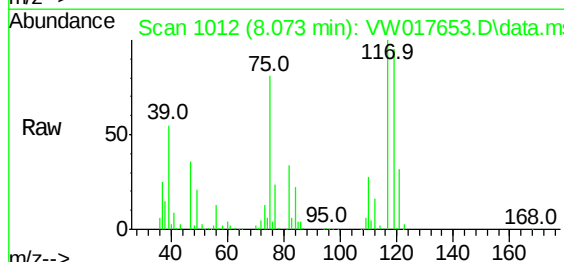
Manual Integrations
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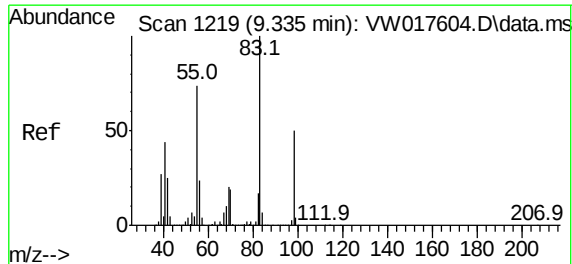
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Carbon Tetrachloride
Concen: 20.02 ug/l
RT: 8.073 min Scan# 1012
Delta R.T. 0.000 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01

Tgt Ion: 117	Resp: 82969
Ion Ratio	Lower Upper
117	100
119	95.0 81.6 122.4
121	32.1 25.7 38.5





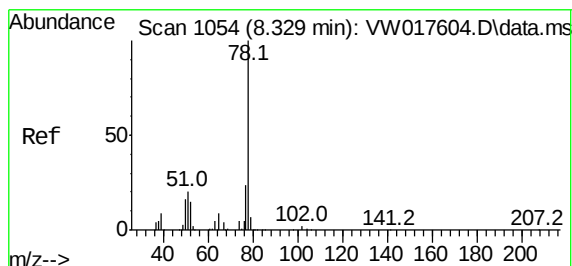
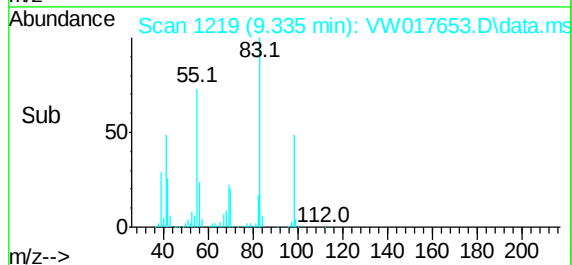
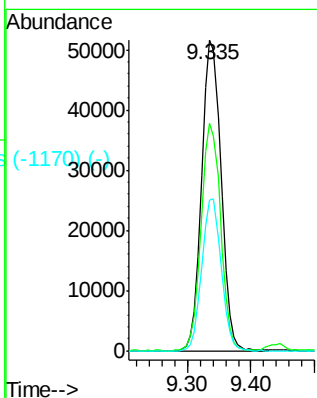
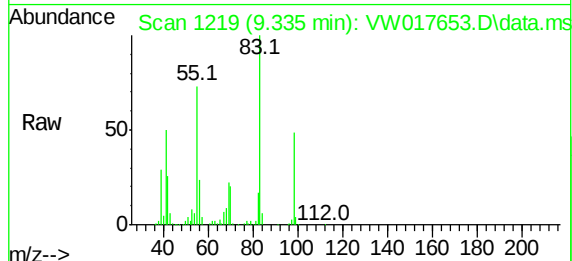
#136 (-)
Methylcyclohexane
Concen: 20.24 ug/l
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01

Tgt Ion: 83 Resp: 105700
Ion Ratio Lower Upper
83 100
55 73.2 51.7 77.5
98 48.7 41.0 61.4

Instrument :
MSVOA_W
ClientSampleId :
VW1216SBS01

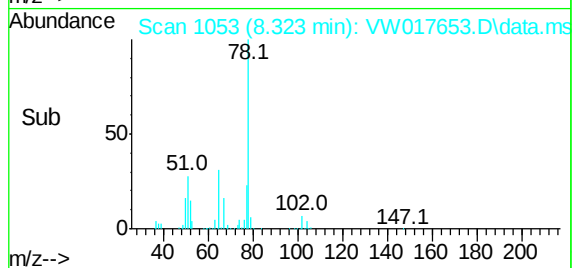
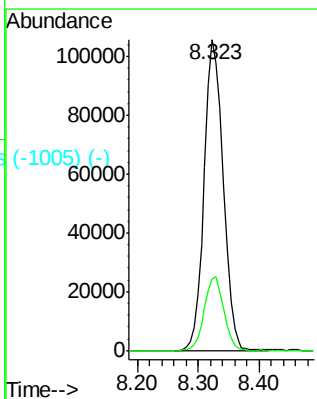
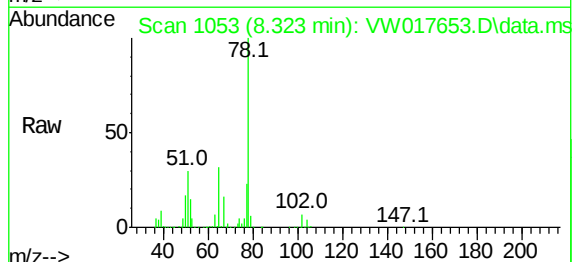
Manual Integrations
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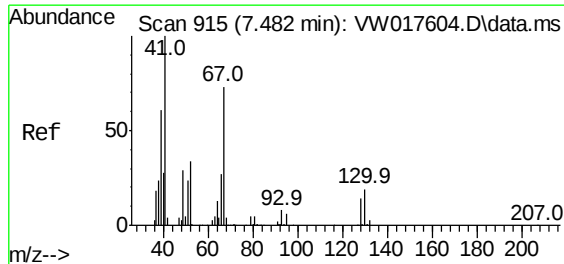
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#139 (-)
Benzene
Concen: 20.96 ug/l
RT: 8.323 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01

Tgt Ion: 78 Resp: 228876
Ion Ratio Lower Upper
78 100
77 23.1 18.5 27.7





Methacrylonitrile
Concen: 17.72 ug/l
RT: 7.482 min Scan# 915
Delta R.T. 0.000 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01

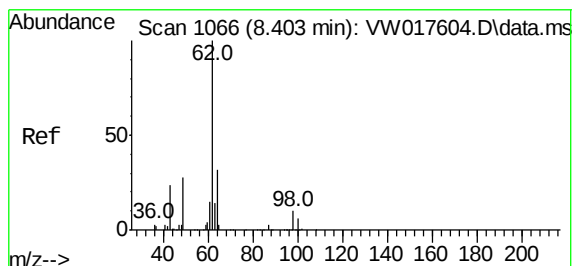
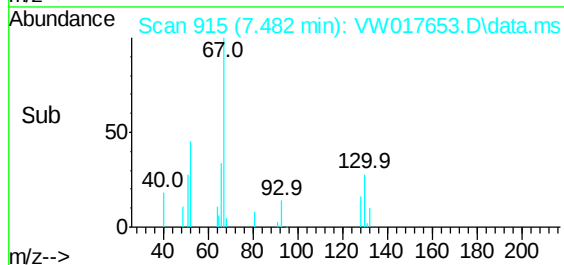
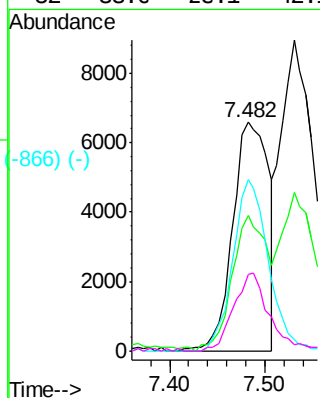
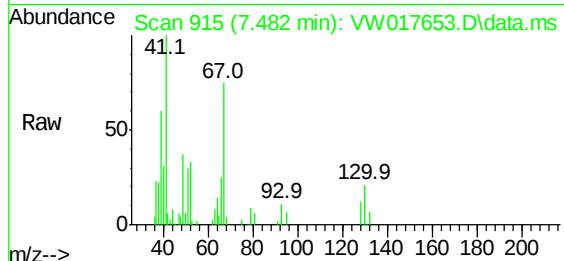
Tgt Ion: 41 Resp: 17242

Ion	Ratio	Lower	Upper
41	100		
39	57.4	47.0	70.6
67	74.4	68.6	102.8
52	33.6	28.1	42.1

Instrument :
MSVOA_W
ClientSampleId :
VW1216SBS01

Manual Integrations
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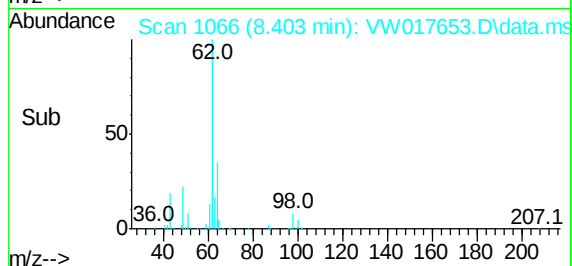
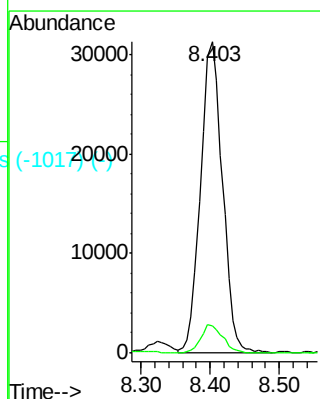
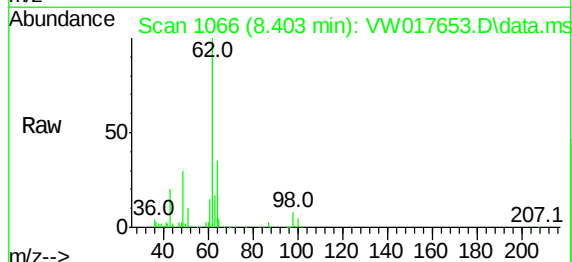
MMDadoda
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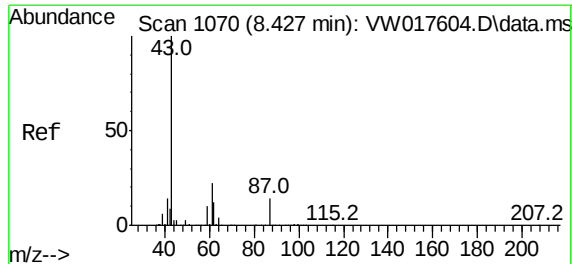


1,2-Dichloroethane
Concen: 20.56 ug/l
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01

Tgt Ion: 62 Resp: 68379

Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	21.0





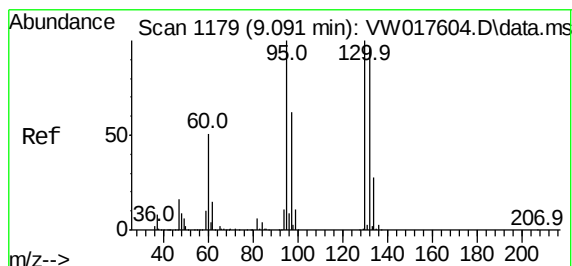
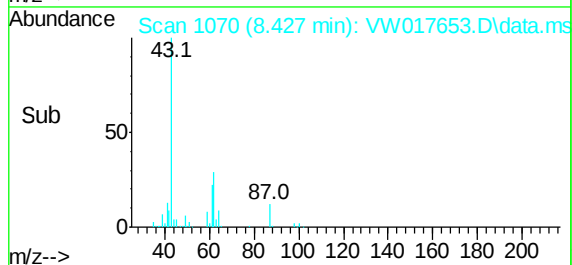
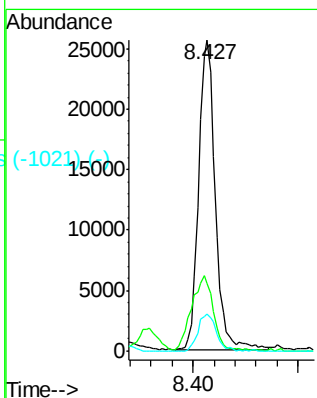
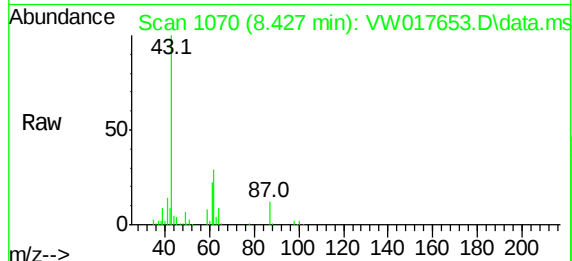
(#1061) (-)
Isopropyl Acetate
Concen: 17.33 ug/l
RT: 8.427 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01

Tgt Ion: 43 Resp: 56030
Ion Ratio Lower Upper
43 100
61 30.5 27.5 41.3
87 12.9 13.6 20.4#

Instrument :
MSVOA_W
ClientSampleId :
VW1216SBS01

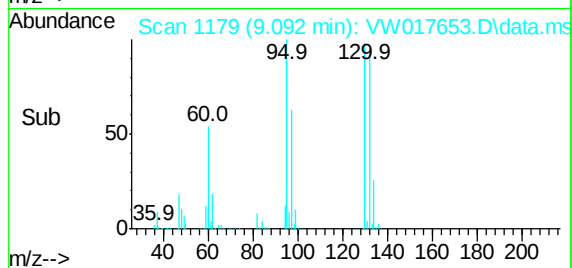
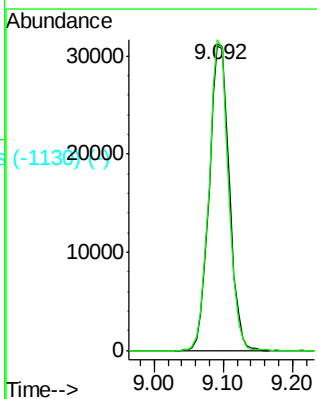
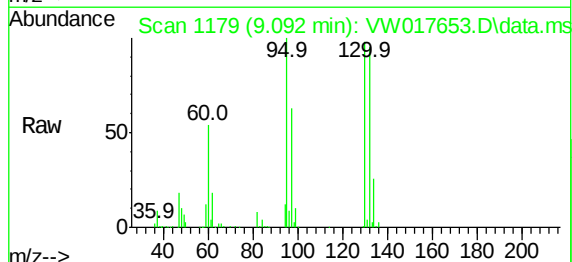
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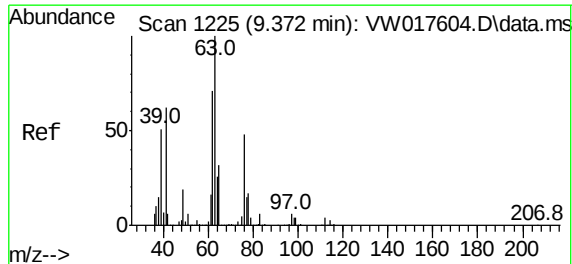
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(#1169) (-)
Trichloroethene
Concen: 20.79 ug/l
RT: 9.092 min Scan# 1179
Delta R.T. 0.001 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01

Tgt Ion:130 Resp: 62648
Ion Ratio Lower Upper
130 100
95 102.2 0.0 180.2



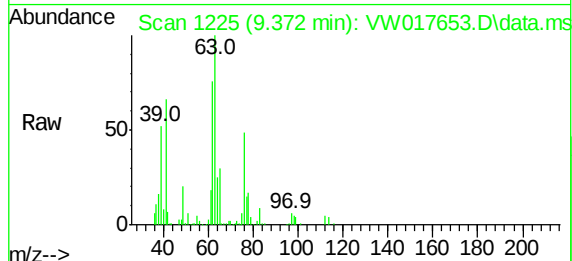


(#113) (-)
1,2-Dichloropropane
Concen: 20.27 ug/l
RT: 9.372 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01

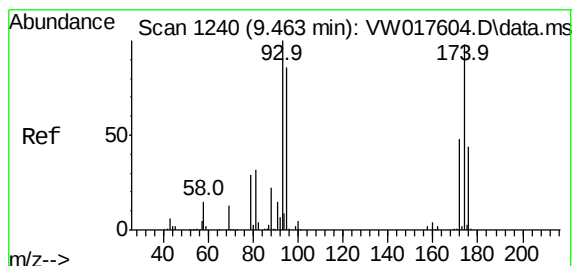
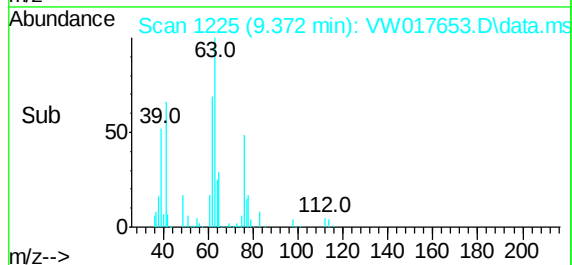
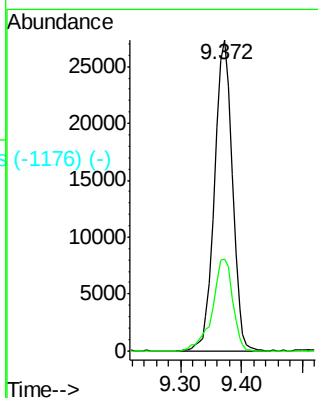
Instrument :
MSVOA_W
ClientSampleId :
VW1216SBSD01

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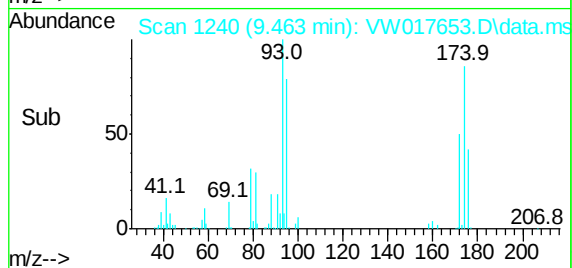
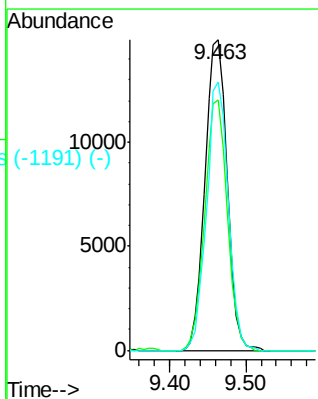
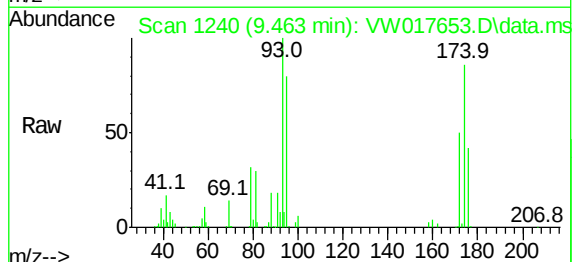


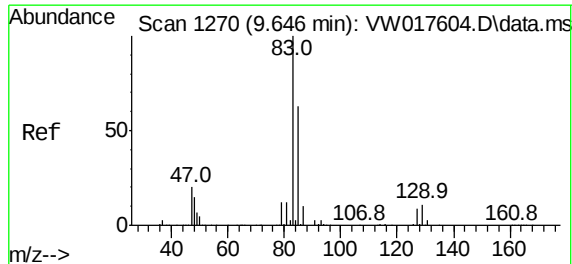
Tgt Ion: 63 Resp: 54629
Ion Ratio Lower Upper
63 100
65 29.6 25.1 37.7



(#112) (-)
Dibromomethane
Concen: 19.92 ug/l
RT: 9.463 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01

Tgt Ion: 93 Resp: 30045
Ion Ratio Lower Upper
93 100
95 81.9 66.5 99.7
174 84.7 91.0 136.6#



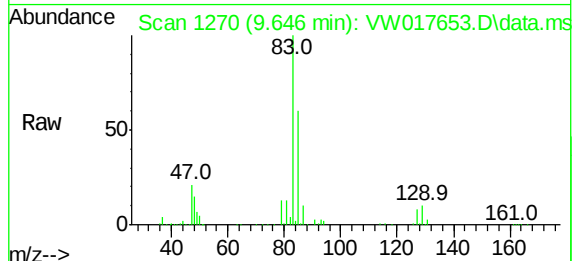


(#1258) (-)
Bromodichloromethane
Concen: 20.03 ug/l
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01

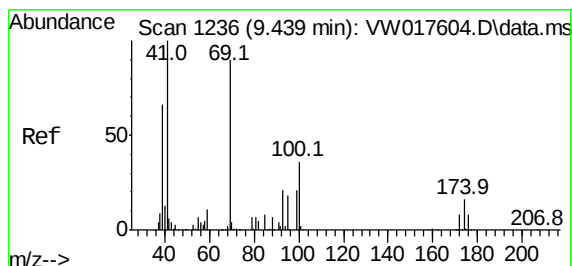
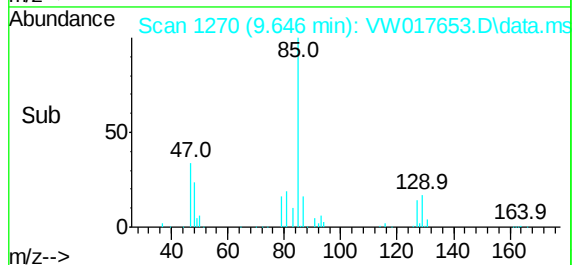
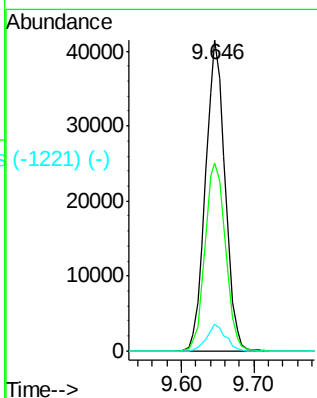
Instrument :
MSVOA_W
ClientSampleId :
VW1216SBS01

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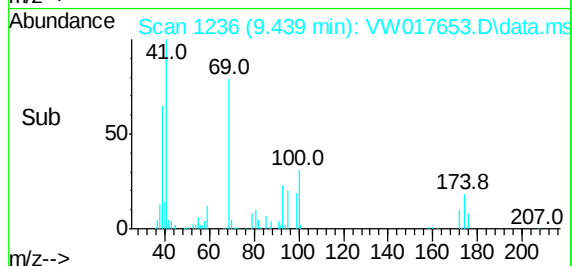
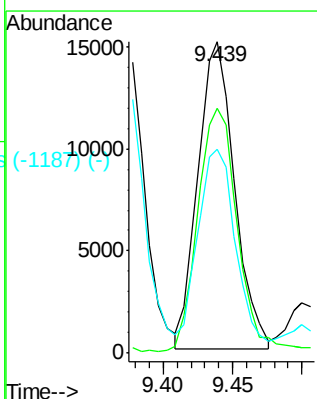
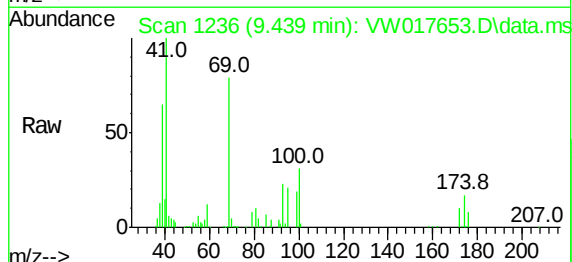


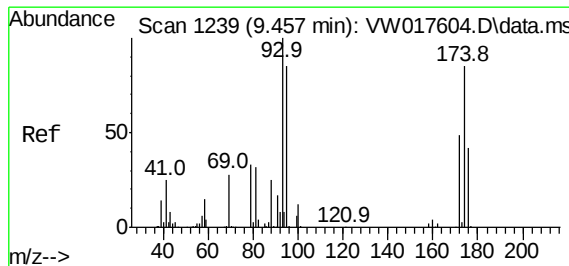
Tgt Ion: 83 Resp: 76969
Ion Ratio Lower Upper
83 100
85 60.3 52.7 79.1
127 8.4 7.8 11.6



(#1180) (-)
Methyl methacrylate
Concen: 17.52 ug/l
RT: 9.439 min Scan# 1236
Delta R.T. 0.000 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01

Tgt Ion: 41 Resp: 27783
Ion Ratio Lower Upper
41 100
69 87.5 83.5 125.3
39 61.4 50.9 76.3





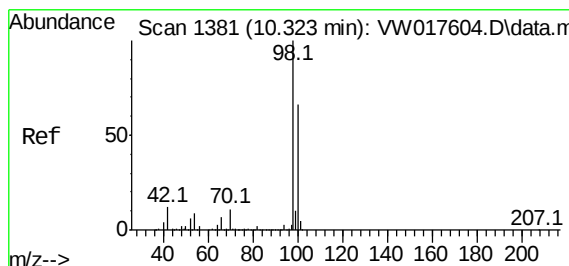
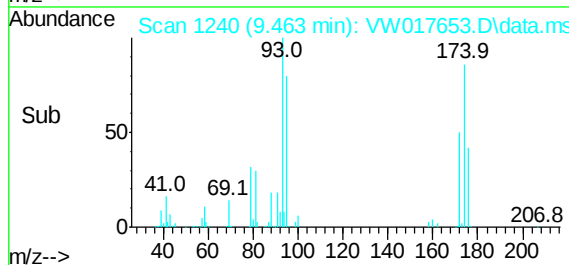
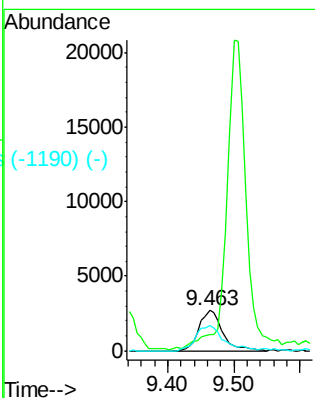
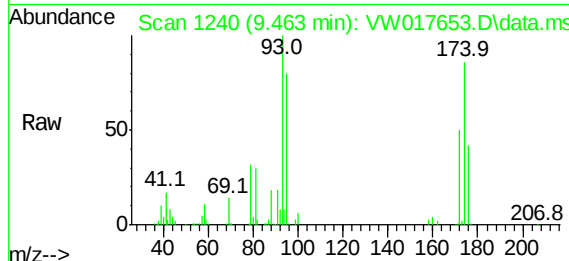
#480 (-)
1,4-Dioxane
Concen: 359.07 ug/l
RT: 9.463 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01

Tgt Ion: 88 Resp: 6698
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 72.5 54.0 81.0

Instrument :
MSVOA_W
ClientSampleId :
VW1216SBS01

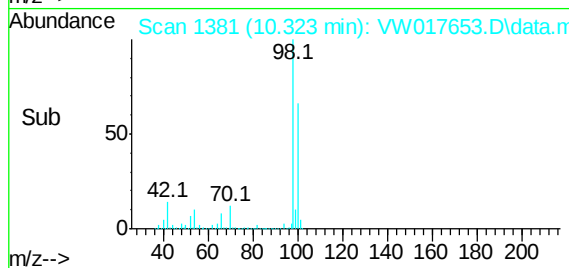
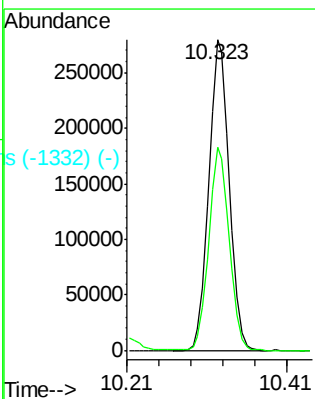
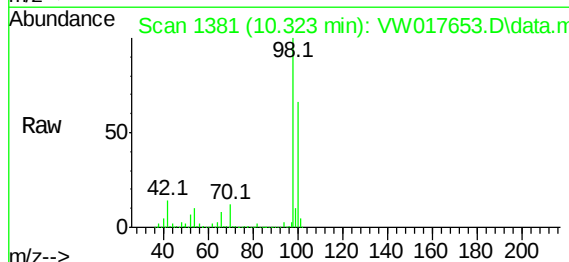
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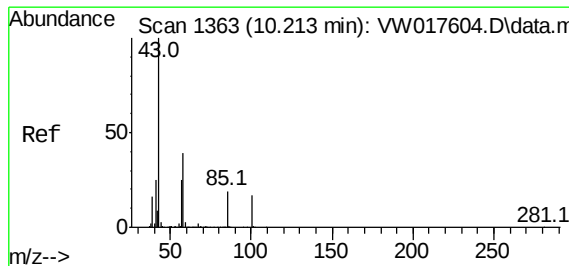
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#5071 (-)
Toluene-d8
Concen: 48.66 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01

Tgt Ion: 98 Resp: 493759
Ion Ratio Lower Upper
98 100
100 65.5 53.3 79.9





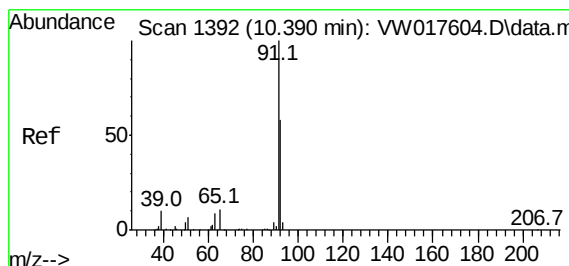
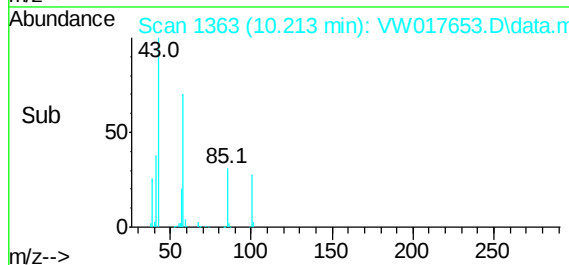
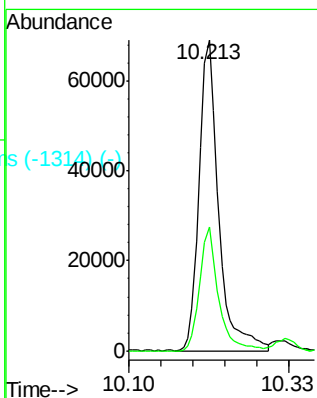
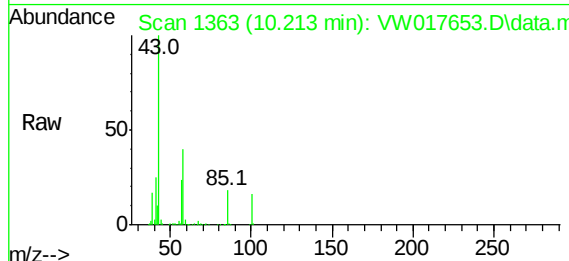
#5183 (-)
4-Methyl-2-Pentanone
Concen: 83.62 ug/l
RT: 10.213 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01

Tgt Ion: 43 Resp: 134529
Ion Ratio Lower Upper
43 100
58 38.4 34.7 52.1

Instrument :
MSVOA_W
ClientSampleId :
VW1216SBSD01

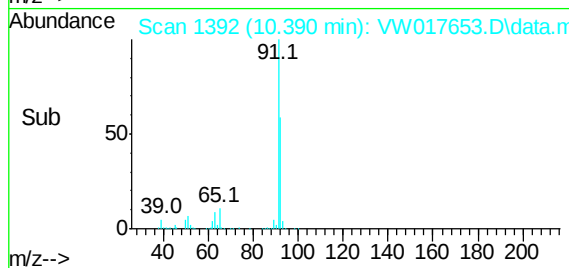
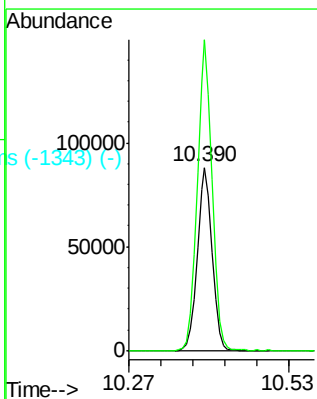
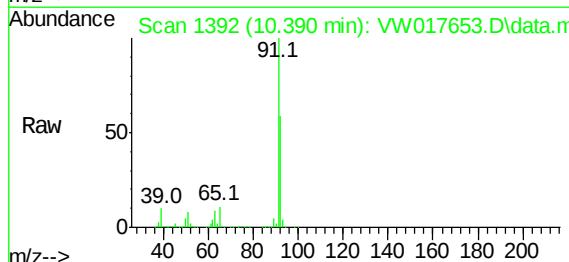
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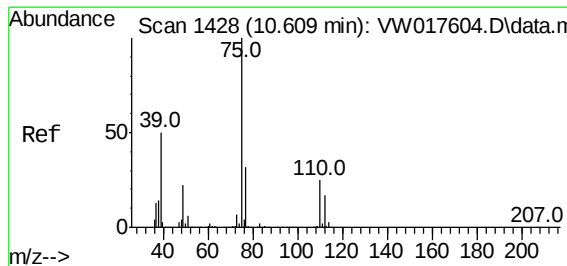
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#5183 (-)
Toluene
Concen: 21.19 ug/l
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01

Tgt Ion: 92 Resp: 151358
Ion Ratio Lower Upper
92 100
91 169.8 134.7 202.1



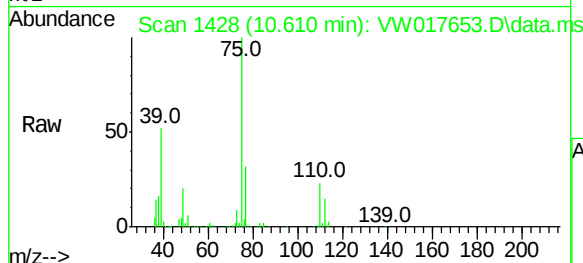


#54
t-1,3-Dichloropropene
Concen: 18.38 ug/l
RT: 10.610 min Scan# 1428
Delta R.T. 0.001 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01

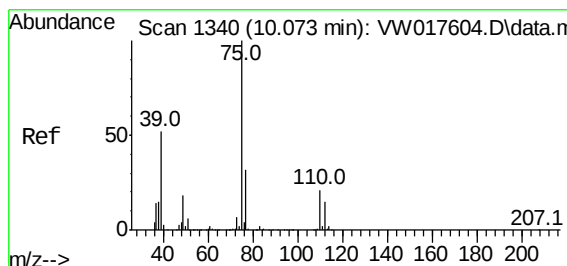
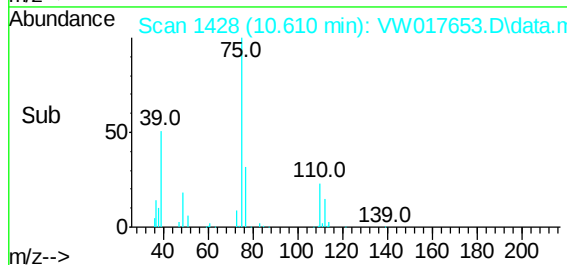
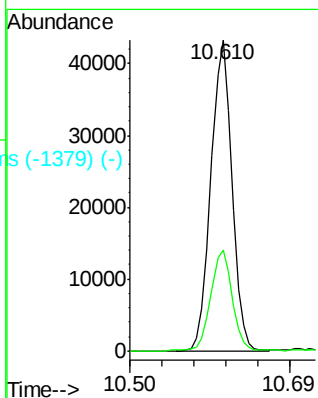
Instrument :
MSVOA_W
ClientSampleId :
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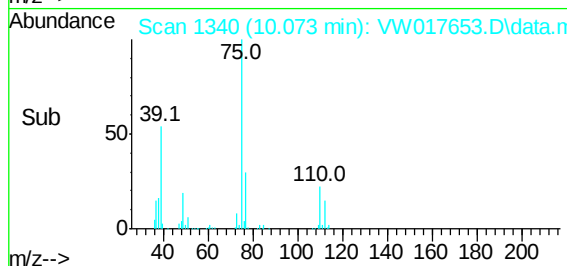
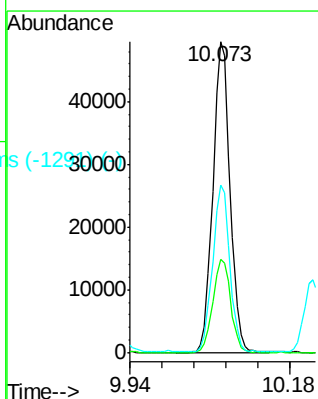
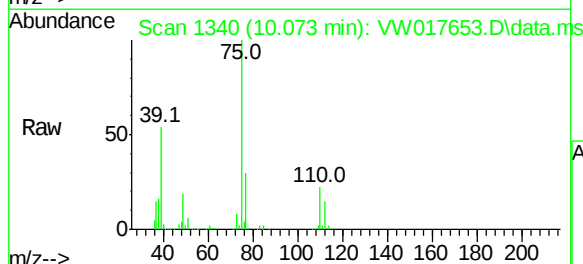


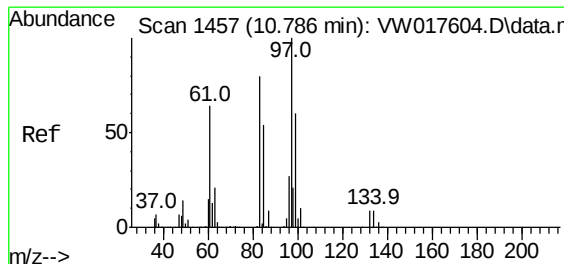
Tgt Ion: 75 Resp: 72289
Ion Ratio Lower Upper
75 100
77 32.1 24.8 37.2



#54
cis-1,3-Dichloropropene
Concen: 19.58 ug/l
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01

Tgt Ion: 75 Resp: 89046
Ion Ratio Lower Upper
75 100
77 30.0 25.8 38.6
39 53.7 32.9 49.3#



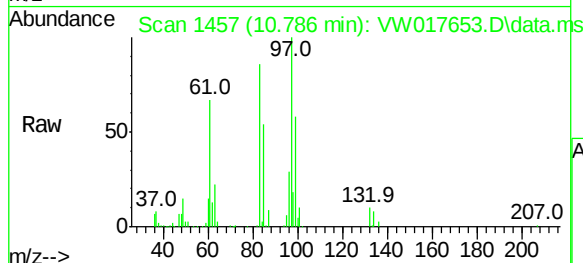


1,1,2-Trichloroethane
Concen: 19.38 ug/l
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01

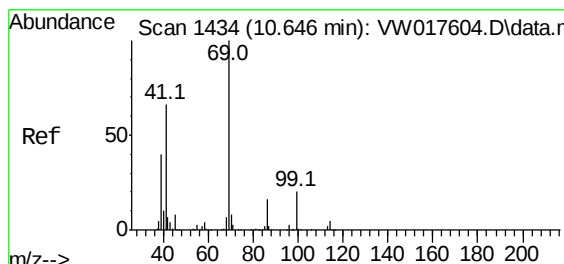
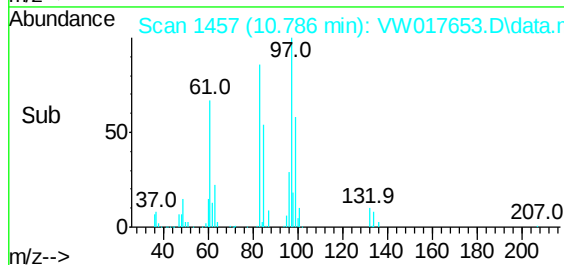
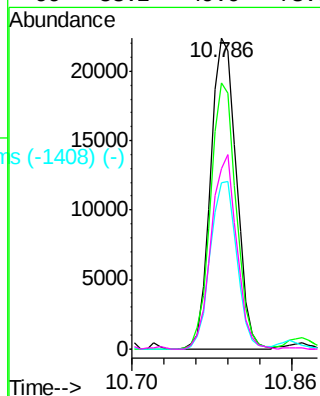
Instrument :
MSVOA_W
ClientSampleId :
VW1216SBS01

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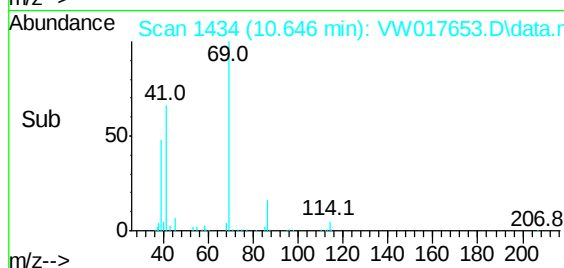
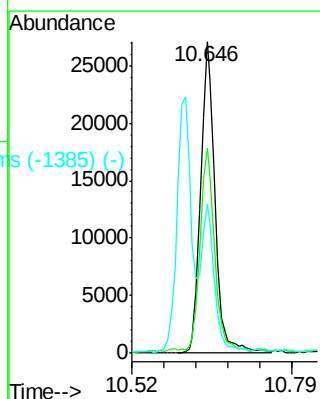
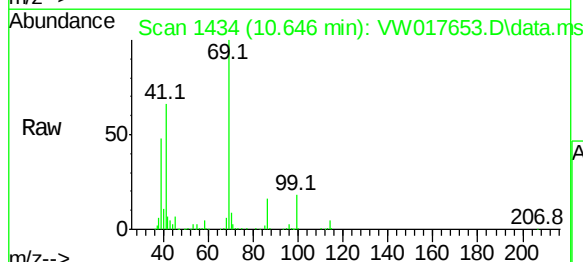


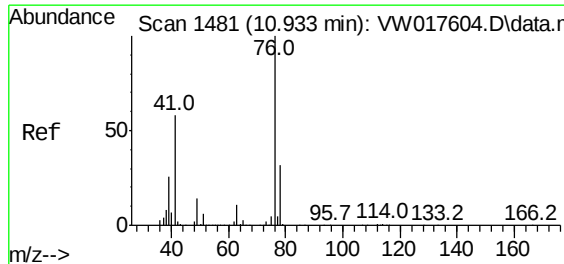
Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.7	64.6	97.0
85	53.6	40.6	61.0
99	58.2	49.0	73.6



Ethyl methacrylate
Concen: 17.58 ug/l
RT: 10.646 min Scan# 1434
Delta R.T. 0.000 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01

Tgt Ion	Ratio	Lower	Upper
69	100		
41	66.1	46.3	69.5
39	44.6	25.9	38.9#





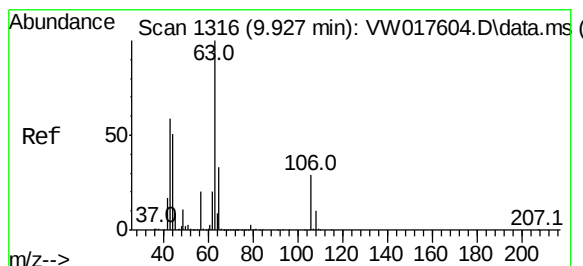
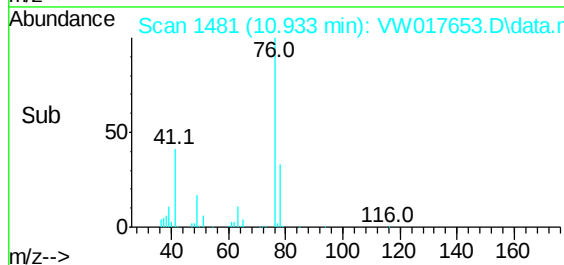
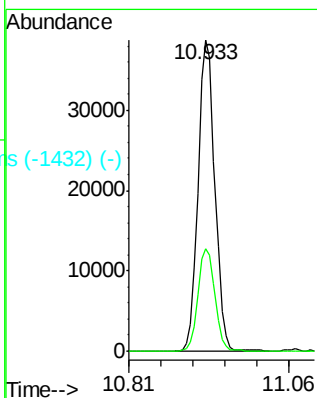
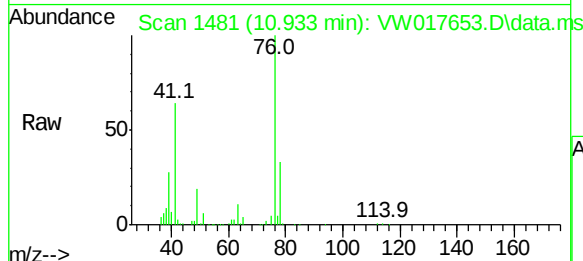
#1472) (-)
1,3-Dichloropropane
Concen: 19.29 ug/l
RT: 10.933 min Scan# 1481
Delta R.T. -0.000 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01

Tgt Ion: 76 Resp: 68739
Ion Ratio Lower Upper
76 100
78 33.1 26.0 39.0

Instrument :
MSVOA_W
ClientSampleId :
VW1216SBSD01

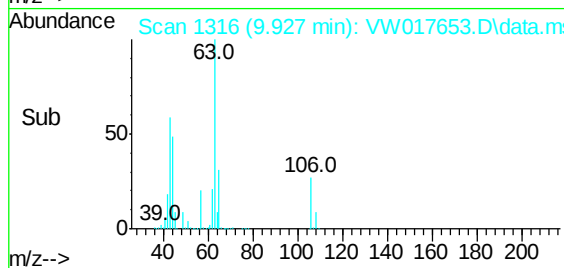
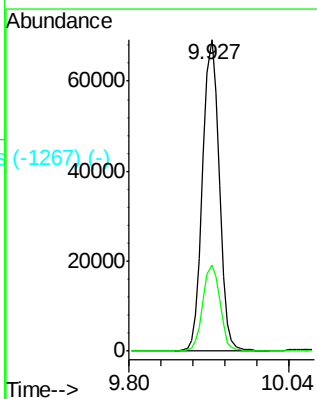
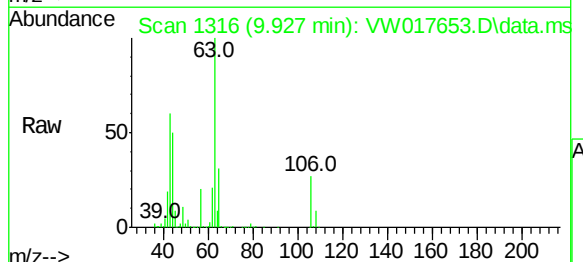
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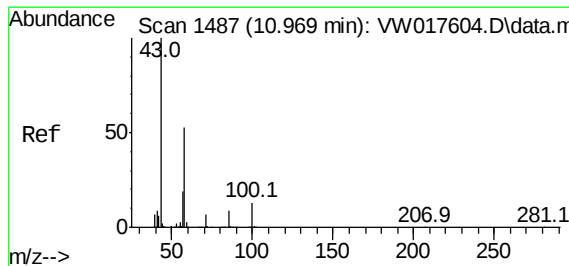
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#1507) (-)
2-Chloroethyl Vinyl ether
Concen: 96.02 ug/l
RT: 9.927 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01

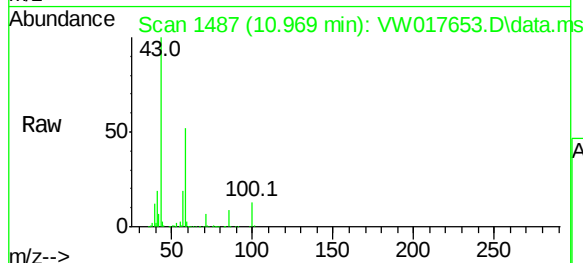
Tgt Ion: 63 Resp: 119596
Ion Ratio Lower Upper
63 100
106 28.1 27.0 40.4





#59
2-Hexanone
Concen: 87.34 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01

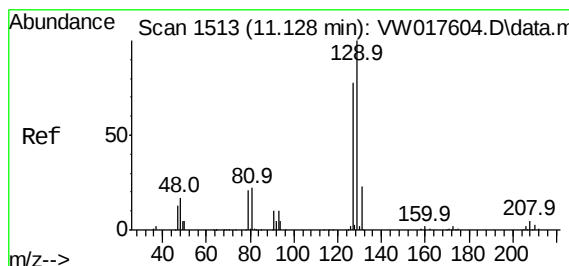
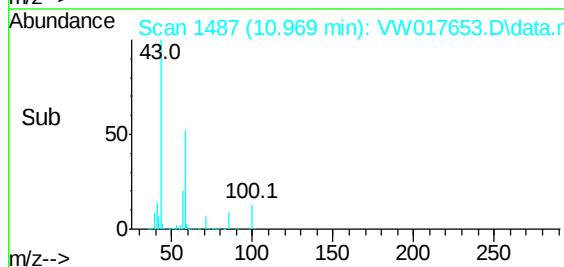
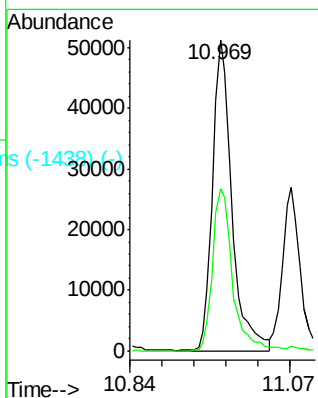
Instrument :
MSVOA_W
ClientSampleId :
VW1216SBSD01



Tgt Ion: 43 Resp: 94013
Ion Ratio Lower Upper
43 100
58 54.0 29.5 88.5

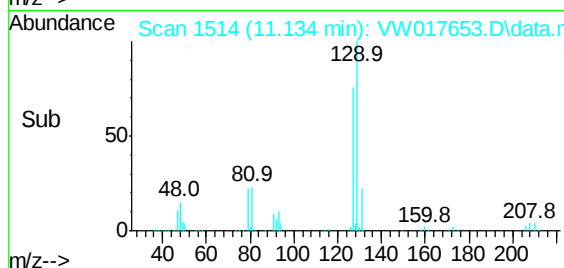
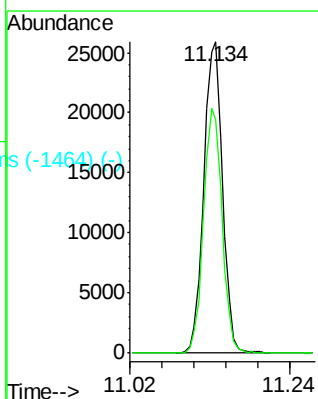
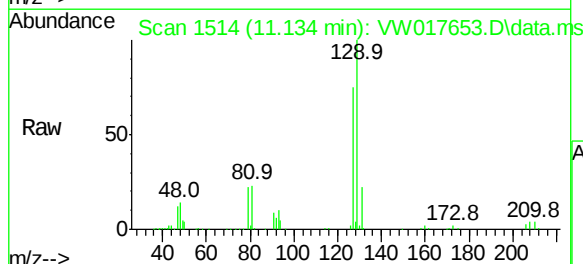
Manual Integrations
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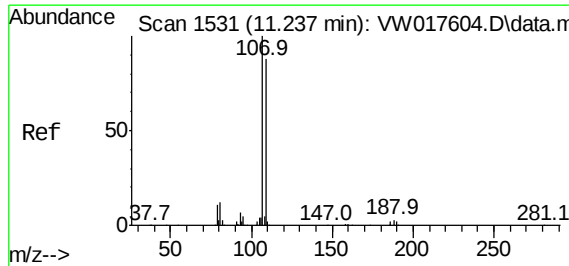
MMDadoda
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#60
Dibromochloromethane
Concen: 18.22 ug/l
RT: 11.134 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01

Tgt Ion: 129 Resp: 45978
Ion Ratio Lower Upper
129 100
127 78.3 38.9 116.6





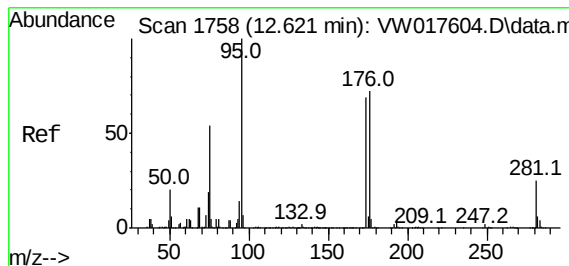
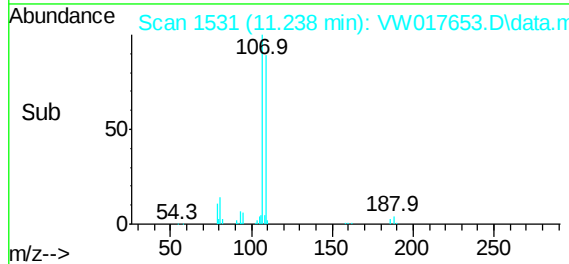
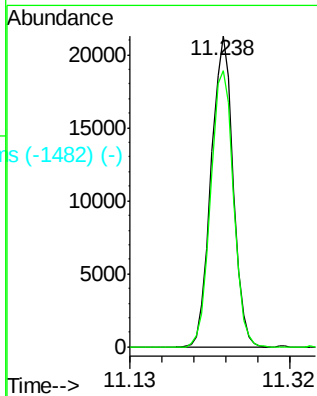
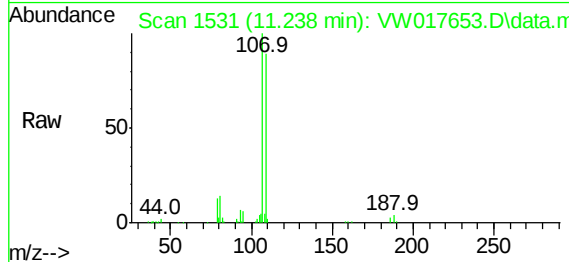
#61522 (-)
1,2-Dibromoethane
Concen: 18.58 ug/l
RT: 11.238 min Scan# 1531
Delta R.T. 0.001 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01

Tgt Ion: 107 Resp: 37033
Ion Ratio Lower Upper
107 100
109 92.1 74.7 112.1

Instrument :
MSVOA_W
ClientSampleId :
VW1216SBSD01

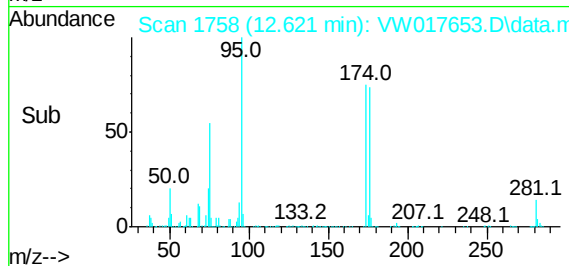
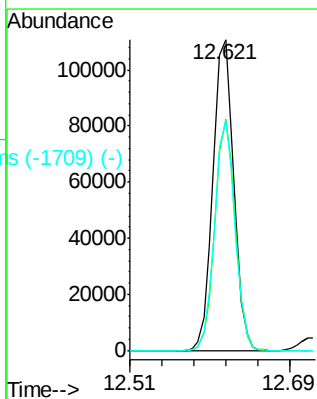
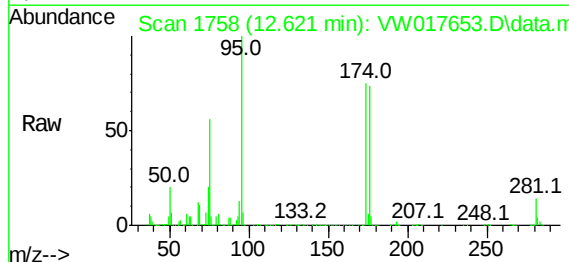
Manual Integrations
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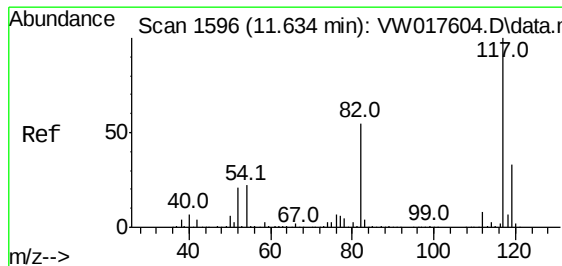
MMDadoda
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#61749 (-)
4-Bromofluorobenzene
Concen: 49.43 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.000 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01

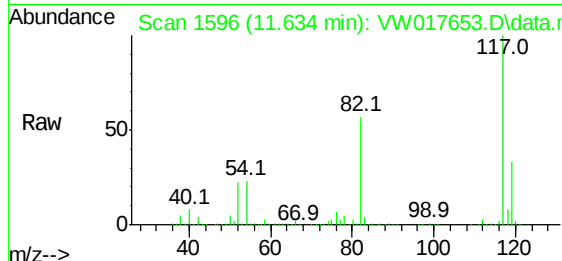
Tgt Ion: 95 Resp: 179054
Ion Ratio Lower Upper
95 100
174 73.0 0.0 180.6
176 72.3 0.0 177.6





#6386 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01

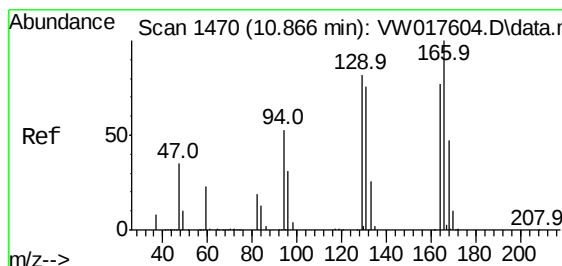
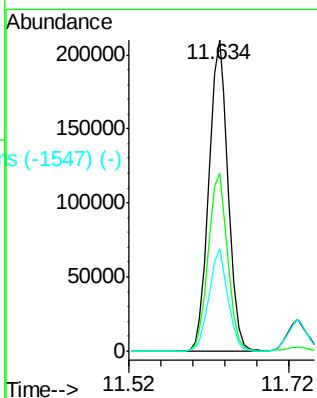
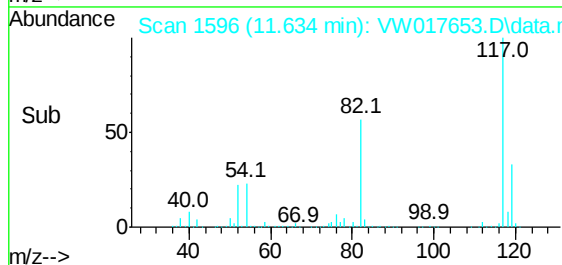
Instrument :
MSVOA_W
ClientSampleId :
VW1216SBSD01



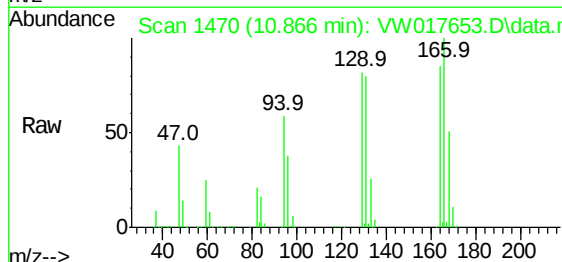
Tgt Ion:117 Resp: 348042
Ion Ratio Lower Upper
117 100
82 57.1 40.7 61.1
119 32.9 25.0 37.4

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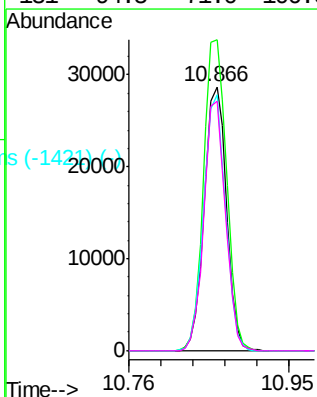
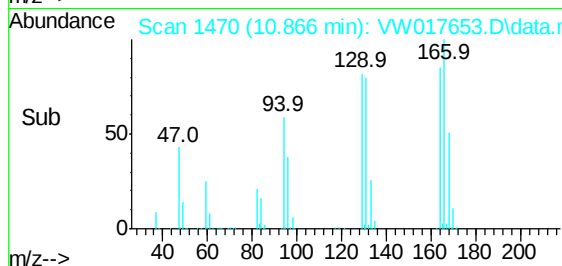
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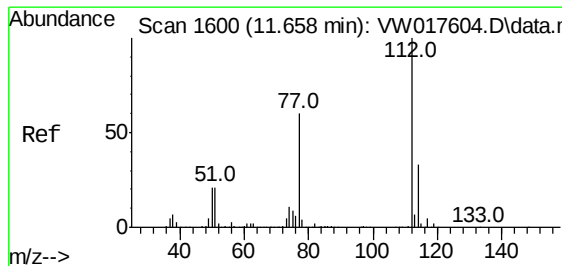


#6461 (-)
Tetrachloroethene
Concen: 21.08 ug/l
RT: 10.866 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01



Tgt Ion:164 Resp: 50036
Ion Ratio Lower Upper
164 100
166 117.9 105.3 157.9
129 96.9 68.8 103.2
131 94.5 71.0 106.6





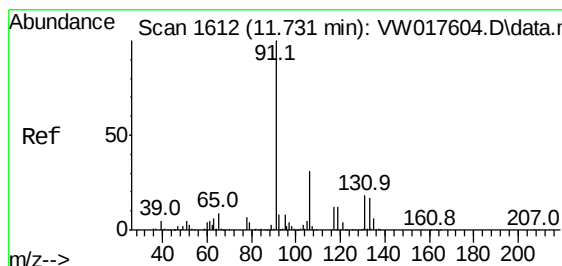
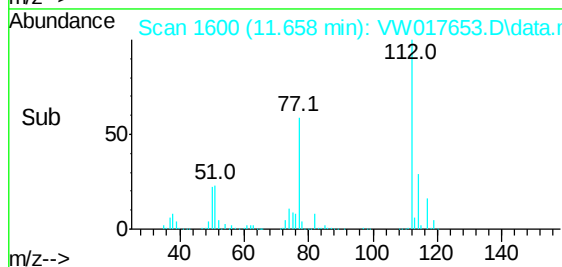
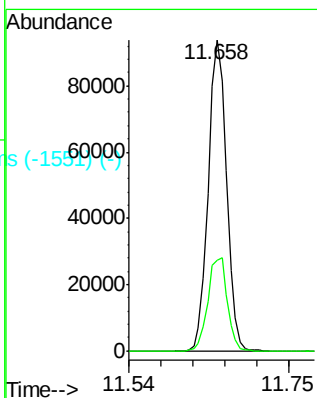
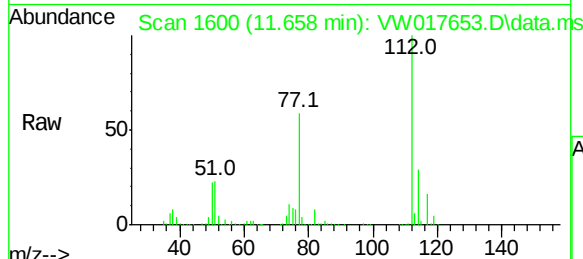
#65
Chlorobenzene
Concen: 20.79 ug/l
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01

Tgt Ion:112 Resp: 155592
Ion Ratio Lower Upper
112 100
114 29.3 25.3 37.9

Instrument :
MSVOA_W
ClientSampleId :
VW1216SBSD01

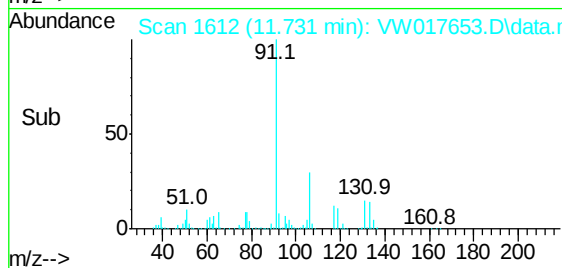
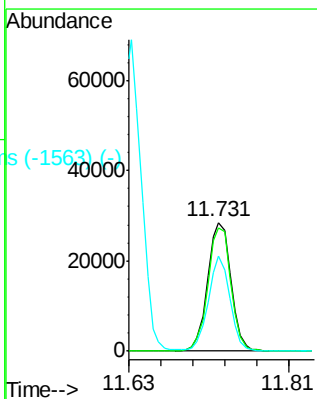
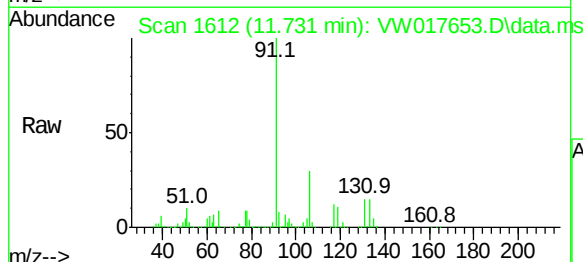
Manual Integrations
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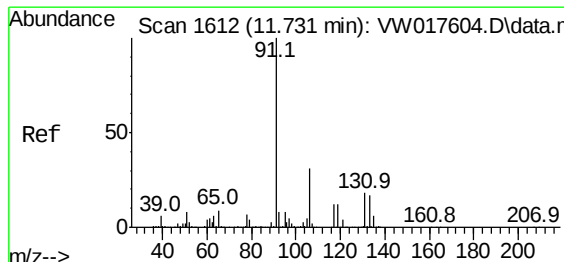
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.21 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01

Tgt Ion:131 Resp: 50989
Ion Ratio Lower Upper
131 100
133 94.9 48.1 144.3
119 68.3 32.5 97.4



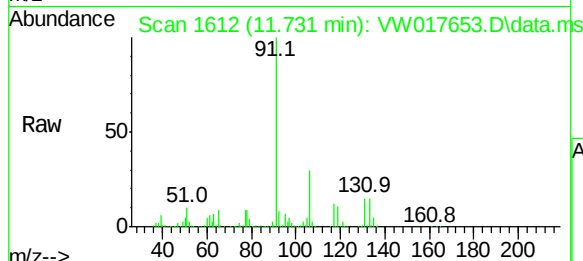


#67
Ethyl Benzene
Concen: 21.07 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01

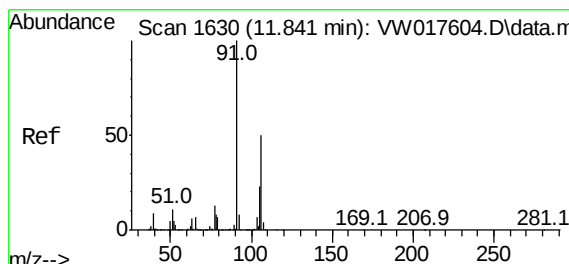
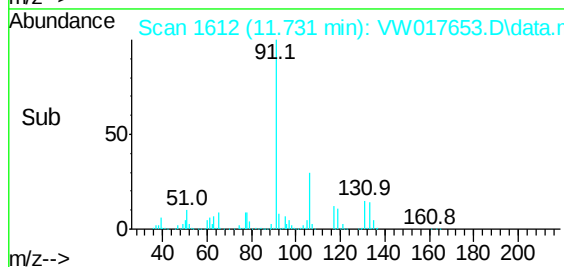
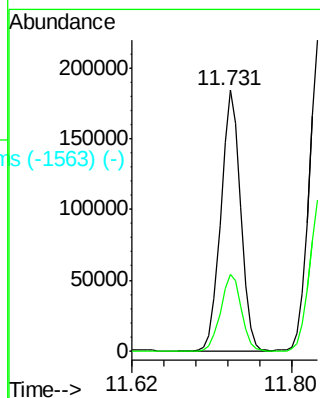
Instrument :
MSVOA_W
ClientSampleId :
VW1216SBSD01

Manual Integrations
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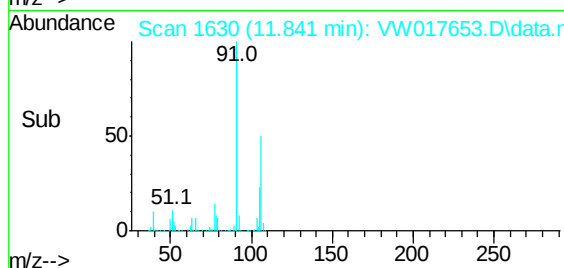
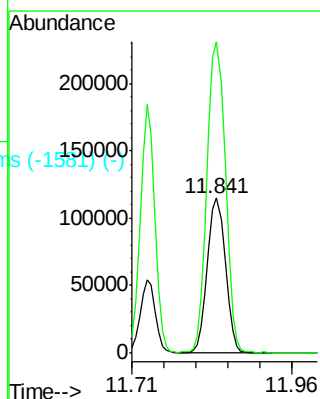
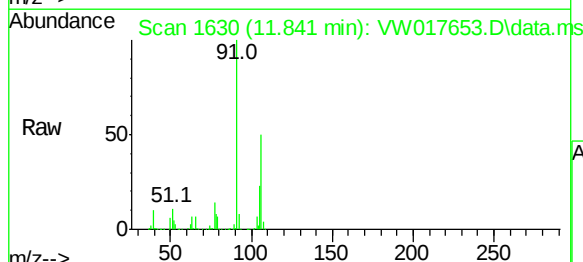


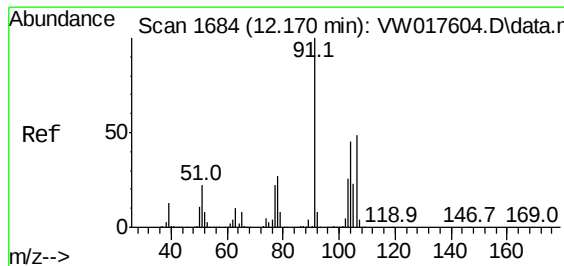
Tgt Ion: 91 Resp: 292870
Ion Ratio Lower Upper
91 100
106 29.5 25.9 38.9



#68
m/p-Xylenes
Concen: 40.96 ug/l
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01

Tgt Ion: 106 Resp: 217160
Ion Ratio Lower Upper
106 100
91 205.2 157.4 236.0





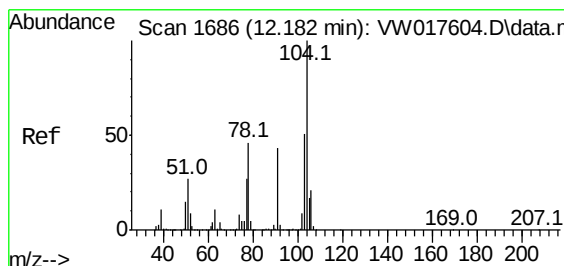
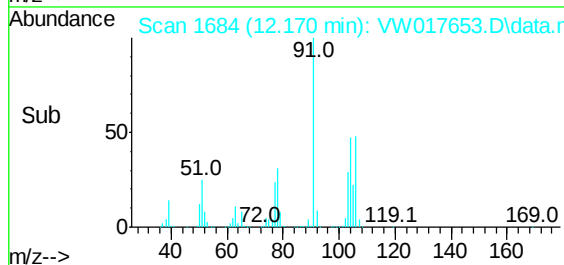
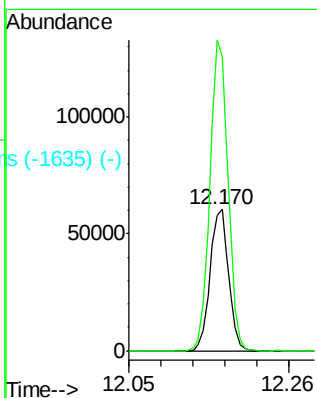
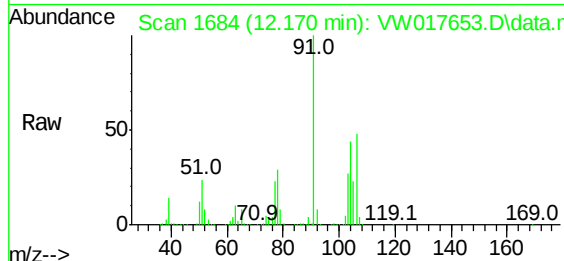
#6875 (-)
o-Xylene
Concen: 20.27 ug/l
RT: 12.170 min Scan# 1684
Delta R.T. 0.000 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01

Tgt Ion:106 Resp: 101332
Ion Ratio Lower Upper
106 100
91 215.5 103.6 310.9

Instrument :
MSVOA_W
ClientSampleId :
VW1216SBS01

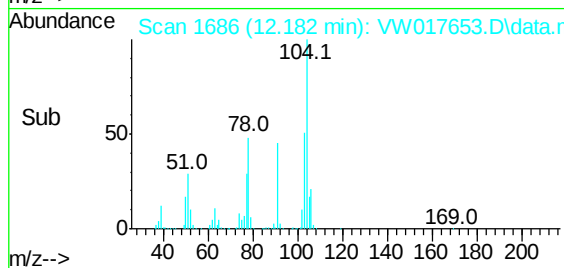
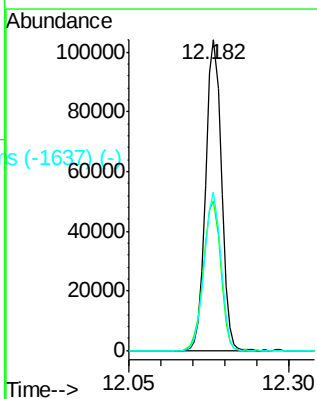
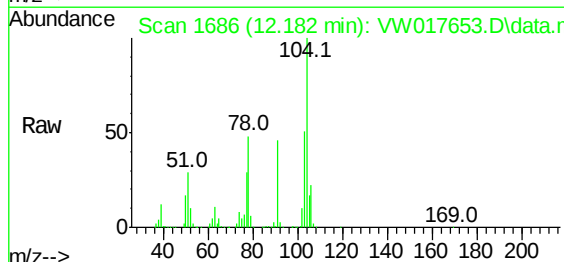
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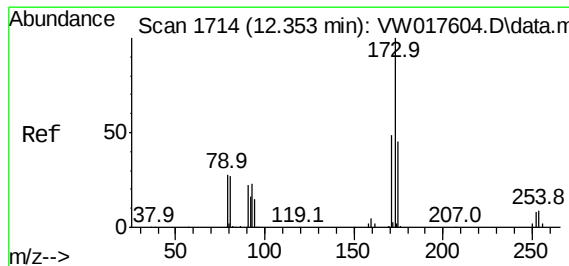
MMDadoda
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#7076 (-)
Styrene
Concen: 20.40 ug/l
RT: 12.182 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01

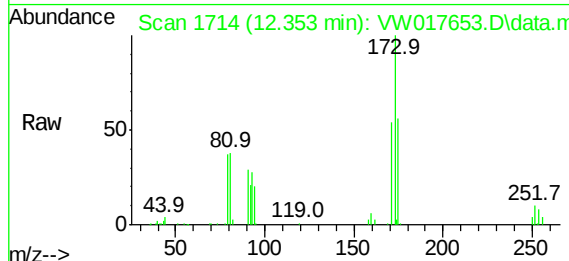
Tgt Ion:104 Resp: 170324
Ion Ratio Lower Upper
104 100
78 53.2 37.6 56.4
103 54.2 43.6 65.4





#1705 (-)
Bromoform
Concen: 15.65 ug/l
RT: 12.353 min Scan# 1714
Delta R.T. 0.000 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01

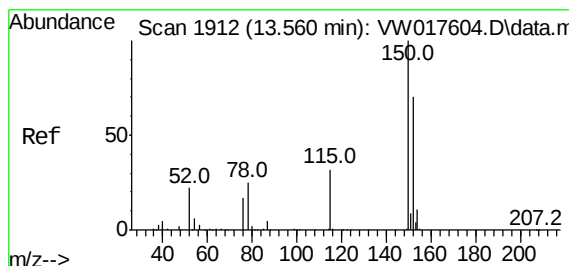
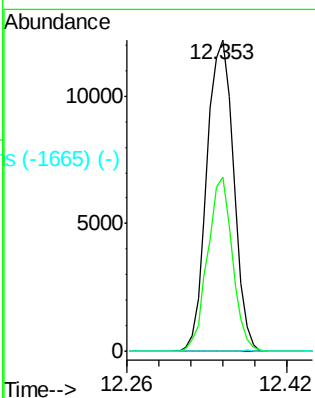
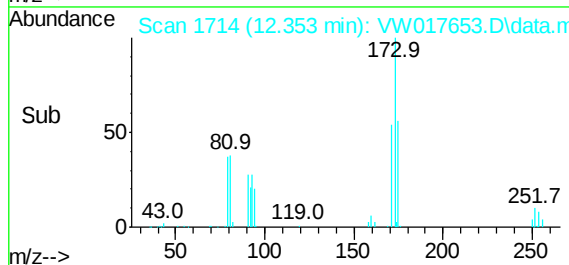
Instrument :
MSVOA_W
ClientSampleId :
VW1216SBS01



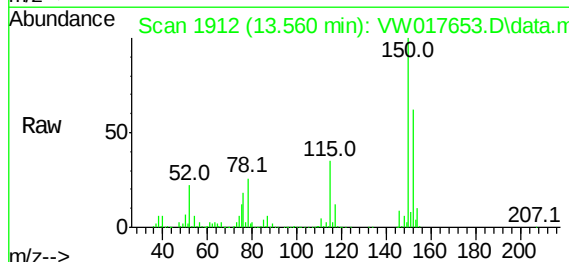
Tgt Ion:173 Resp: 22199
Ion Ratio Lower Upper
173 100
175 51.6 24.7 74.1
254 0.0 0.1 0.1#

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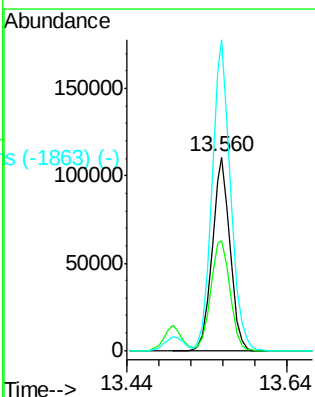
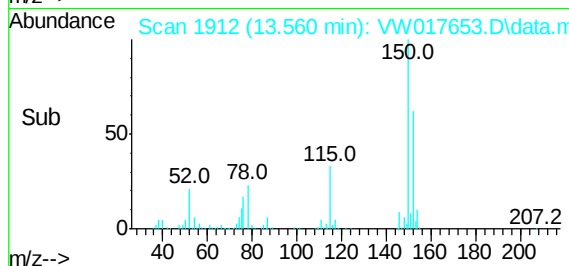
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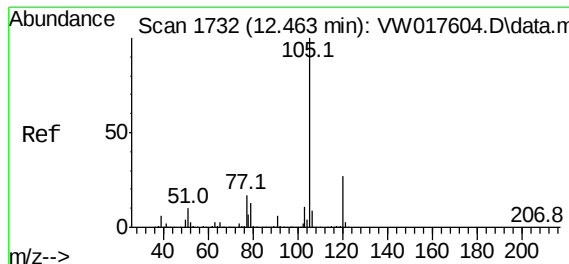


#1204 (-)
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01



Tgt Ion:152 Resp: 169046
Ion Ratio Lower Upper
152 100
115 61.8 27.9 83.7
150 168.1 0.0 344.0



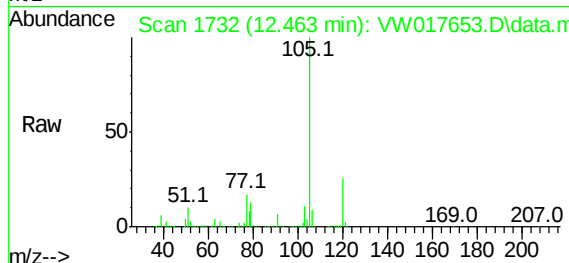


#7324 (-)
Isopropylbenzene
Concen: 21.24 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01

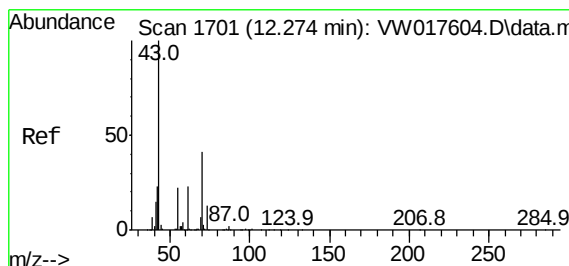
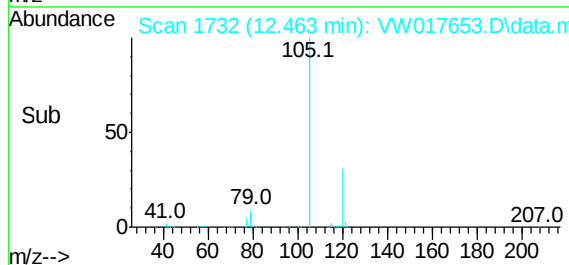
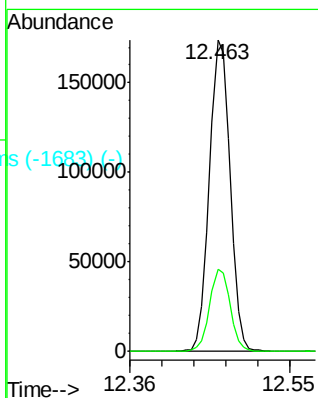
Instrument :
MSVOA_W
ClientSampleId :
VW1216SBS01

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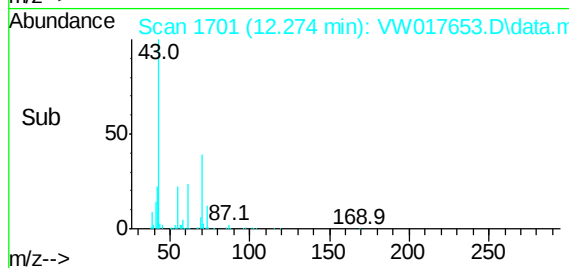
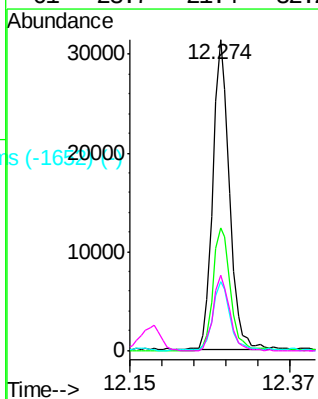
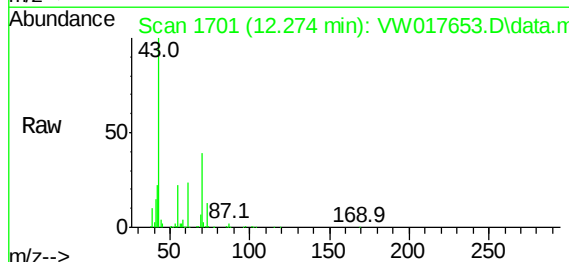


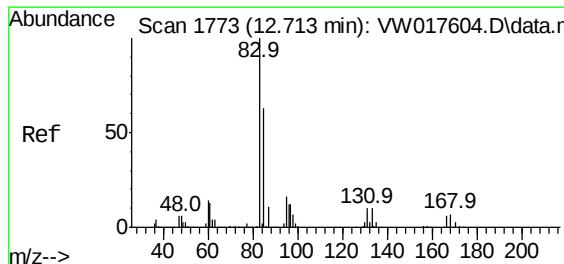
Tgt Ion:105 Resp: 283969
Ion Ratio Lower Upper
105 100
120 25.9 13.6 40.7



#71691 (-)
N-ethyl acetate
Concen: 17.66 ug/l
RT: 12.274 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01

Tgt Ion: 43 Resp: 49507
Ion Ratio Lower Upper
43 100
70 41.2 40.2 60.4
55 22.2 21.4 32.0
61 23.7 21.4 32.2





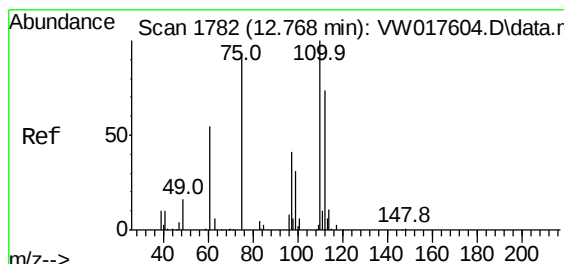
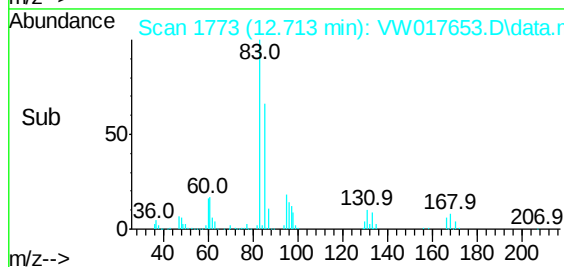
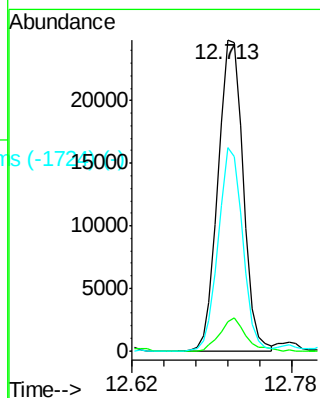
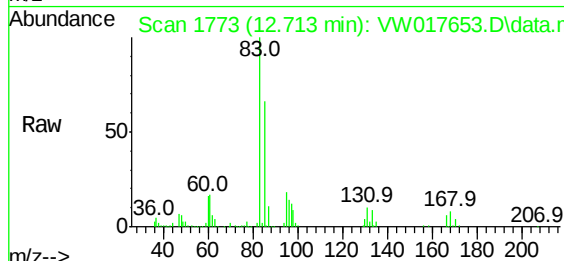
1,1,2,2-Tetrachloroethane
Concen: 19.14 ug/l
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01

Tgt Ion:	83	Resp:	42675
Ion Ratio	Lower	Upper	
83	100		
131	11.0	6.1	18.3
85	63.1	32.7	98.1

Instrument :
MSVOA_W
ClientSampleId :
VW1216SBS01

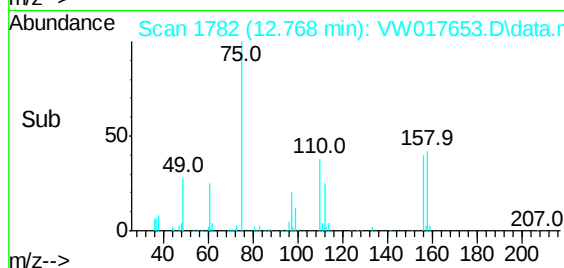
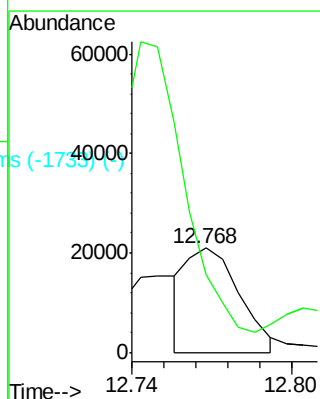
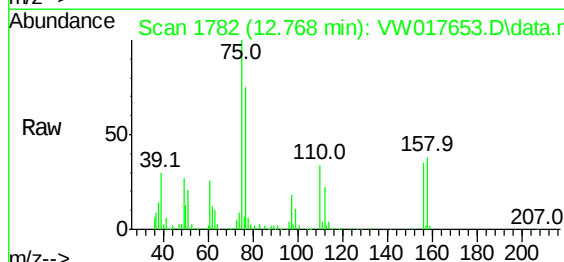
Manual Integrations
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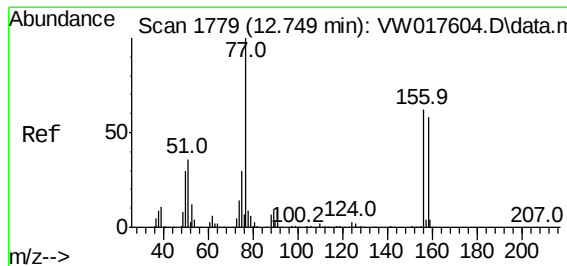
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1,2,3-Trichloropropane
Concen: 18.09 ug/l m
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01

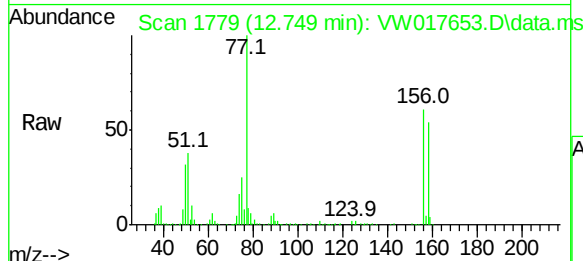
Tgt Ion:	75	Resp:	29445
Ion Ratio	Lower	Upper	
75	100		
77	0.0	178.8	536.3#





#1779 (-)
Bromobenzene
Concen: 20.75 ug/l
RT: 12.749 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01

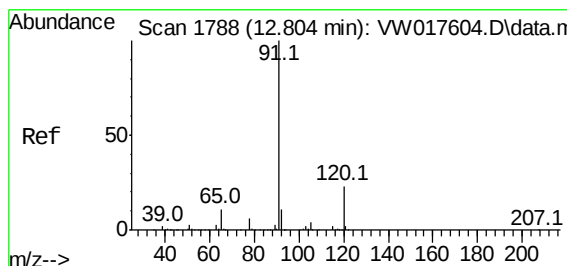
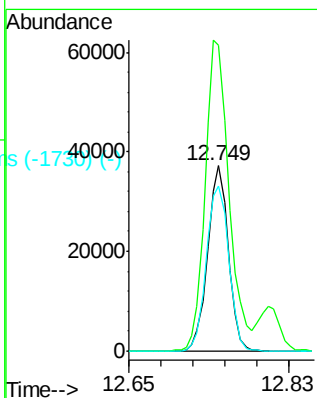
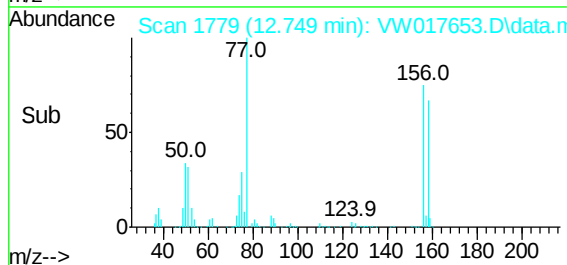
Instrument :
MSVOA_W
ClientSampleId :
VW1216SBS01



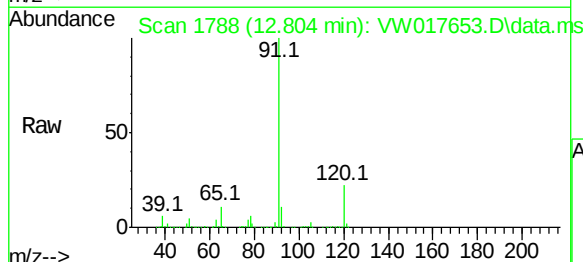
Tgt Ion:156 Resp: 59389
Ion Ratio Lower Upper
156 100
77 194.7 79.0 237.2
158 97.2 47.0 141.2

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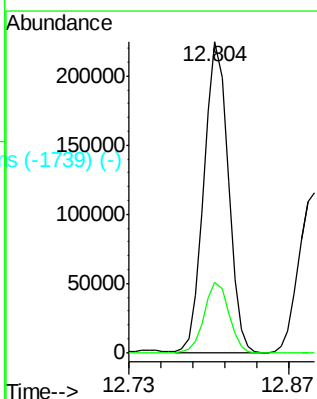
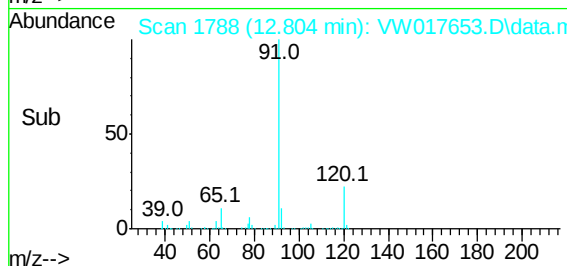
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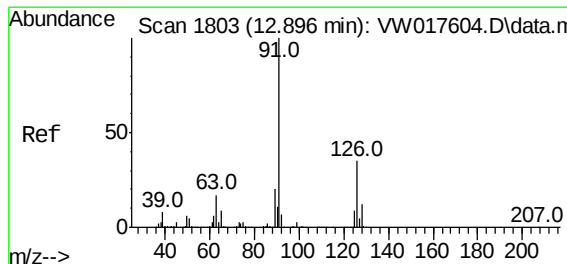


#1788 (-)
n-propylbenzene
Concen: 21.89 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. 0.000 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01



Tgt Ion: 91 Resp: 347479
Ion Ratio Lower Upper
91 100
120 22.6 12.0 36.1



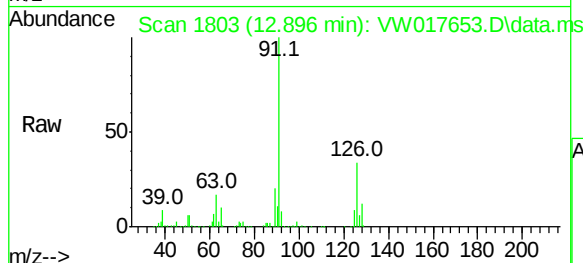


#796 (-)
2-Chlorotoluene
Concen: 21.70 ug/l
RT: 12.896 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01

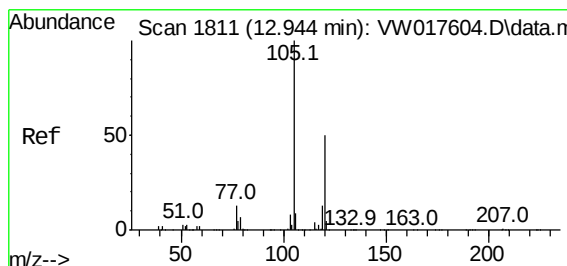
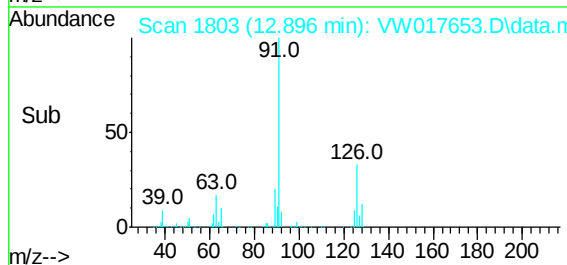
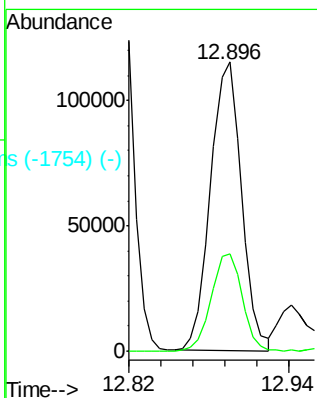
Instrument :
MSVOA_W
ClientSampleId :
VW1216SBS01

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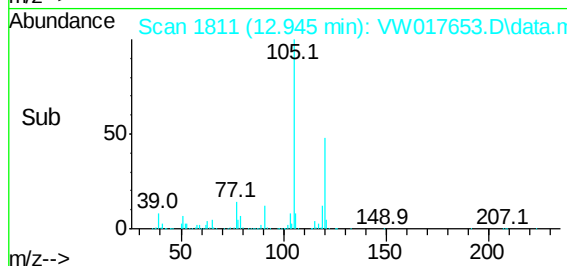
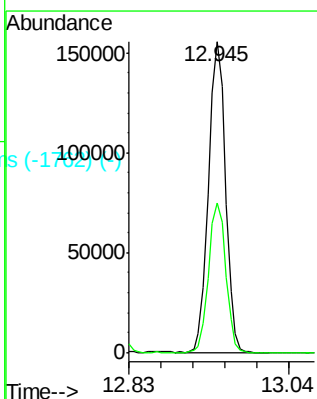
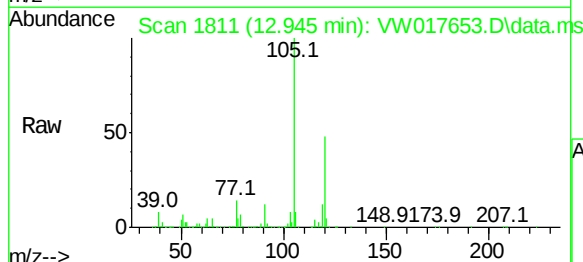


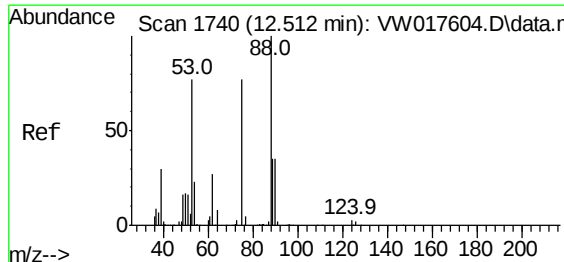
Tgt Ion: 91 Resp: 191972
Ion Ratio Lower Upper
91 100
126 33.3 17.9 53.8



#802 (-)
1,3,5-Trimethylbenzene
Concen: 21.32 ug/l
RT: 12.945 min Scan# 1811
Delta R.T. 0.001 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01

Tgt Ion: 105 Resp: 241179
Ion Ratio Lower Upper
105 100
120 48.9 24.9 74.8





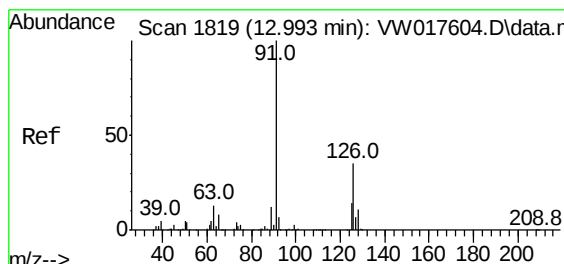
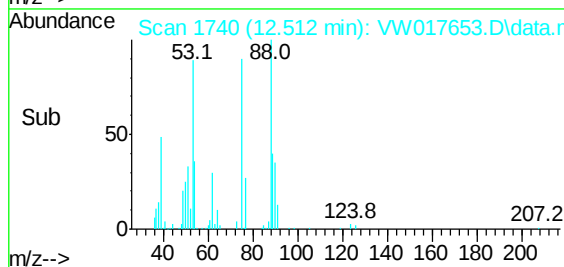
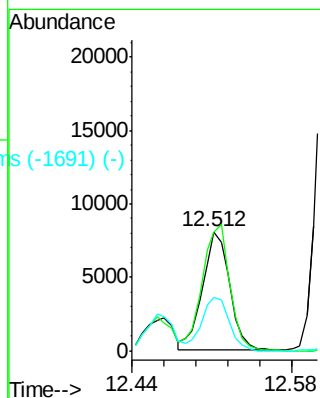
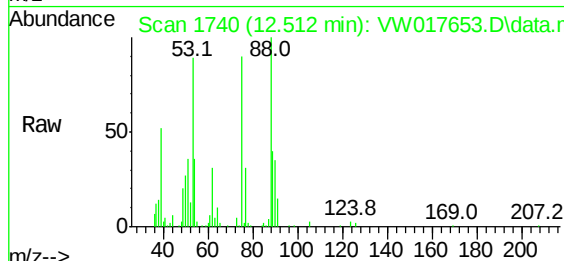
#8136 (-)
trans-1,4-Dichloro-2-butene
Concen: 16.16 ug/l
RT: 12.512 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01

Instrument :
MSVOA_W
ClientSampleId :
VW1216SBS01

Tgt Ion: 75 Resp: 12983
Ion Ratio Lower Upper
75 100
53 109.5 77.0 115.4
89 45.3 38.7 58.1

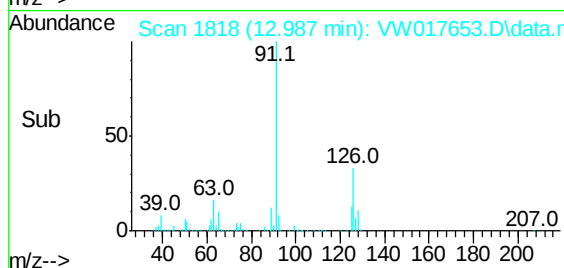
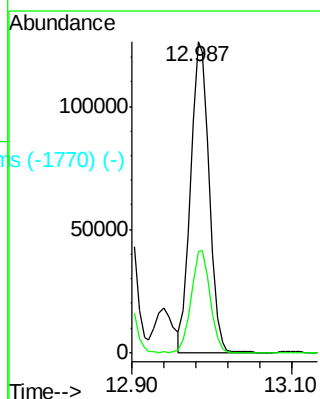
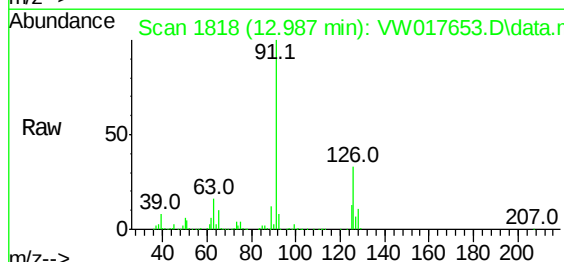
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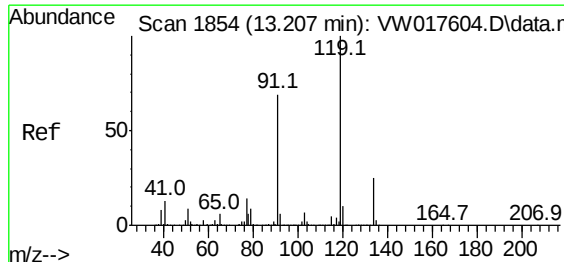
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#8137 (-)
4-Chlorotoluene
Concen: 21.67 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. -0.006 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01

Tgt Ion: 91 Resp: 202351
Ion Ratio Lower Upper
91 100
126 33.7 18.1 54.3



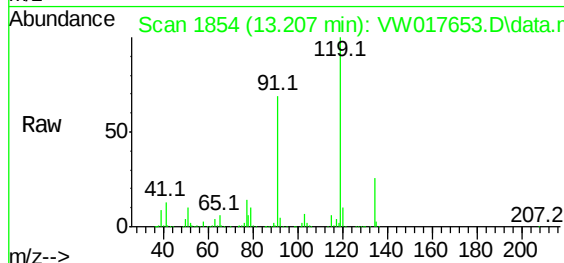


#8345 (-)
tert-Butylbenzene
Concen: 20.91 ug/l
RT: 13.207 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01

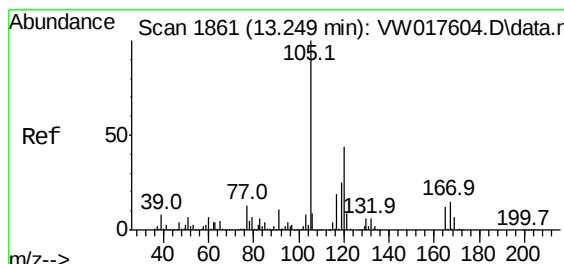
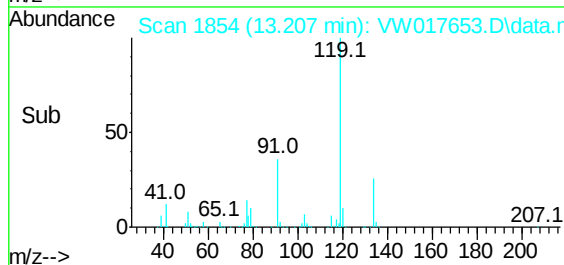
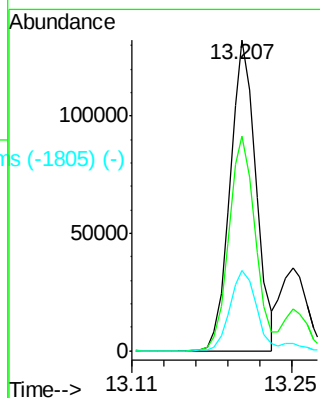
Instrument :
MSVOA_W
ClientSampleId :
VW1216SBS01

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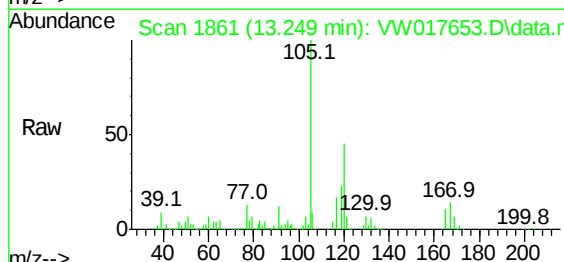
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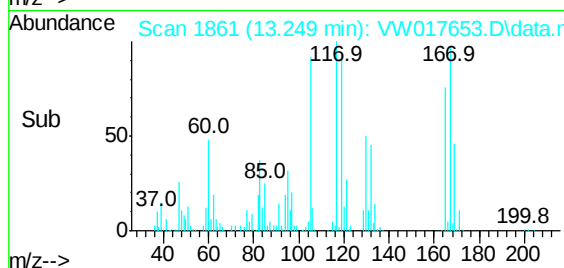
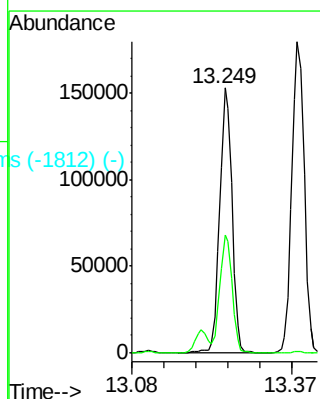
Tgt Ion:119 Resp: 202296
Ion Ratio Lower Upper
119 100
91 71.5 31.3 93.9
134 26.4 14.0 42.0

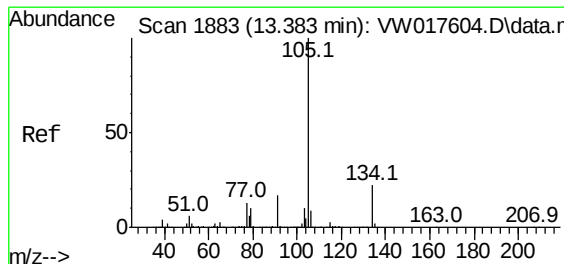


#8348 (-)
1,2,4-Trimethylbenzene
Concen: 21.55 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01



Tgt Ion:105 Resp: 240167
Ion Ratio Lower Upper
105 100
120 44.4 23.4 70.0





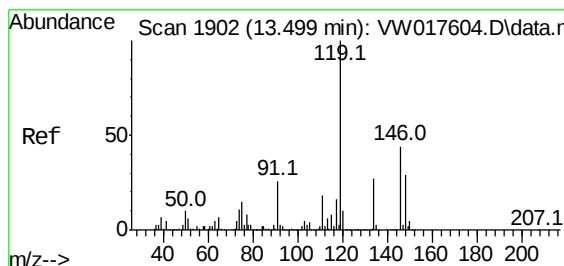
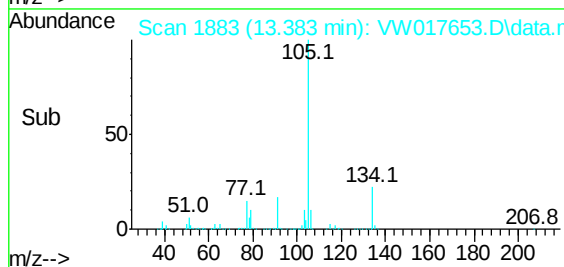
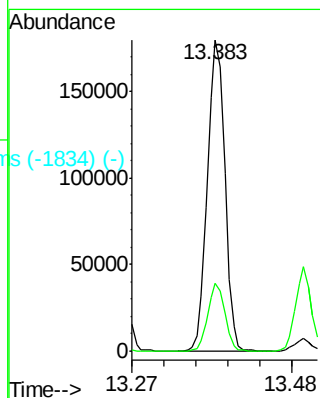
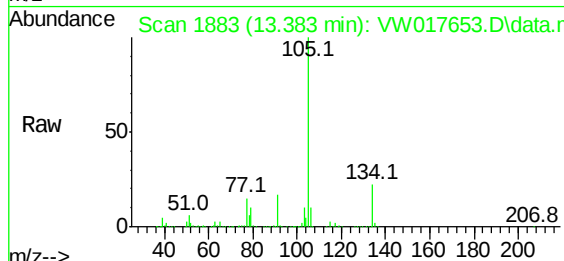
#85
sec-Butylbenzene
Concen: 20.98 ug/l
RT: 13.383 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01

Tgt Ion:105 Resp: 285108
Ion Ratio Lower Upper
105 100
134 21.1 10.6 31.8

Instrument :
MSVOA_W
ClientSampleId :
VW1216SBS01

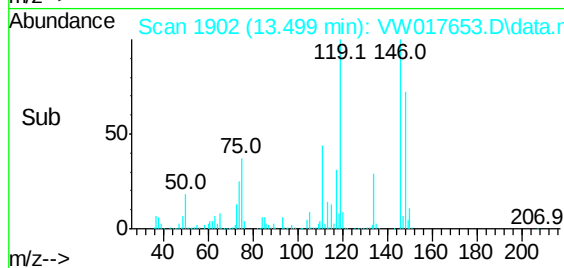
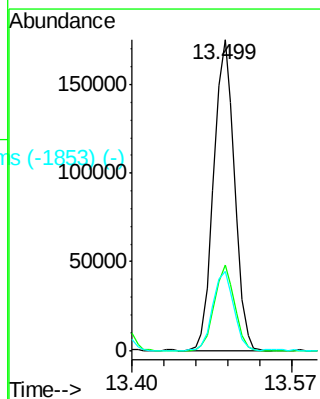
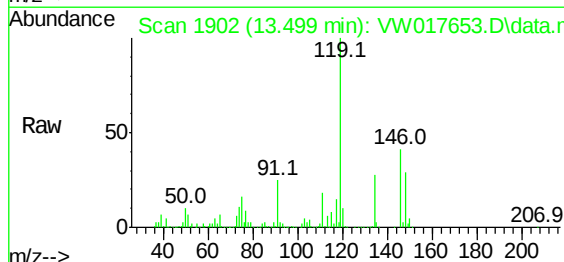
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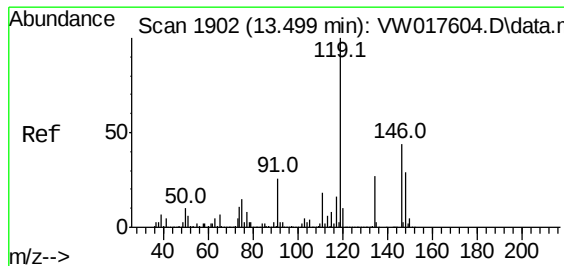
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#86
p-Isopropyltoluene
Concen: 21.24 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01

Tgt Ion:119 Resp: 260585
Ion Ratio Lower Upper
119 100
134 26.6 13.8 41.3
91 25.6 11.3 33.9





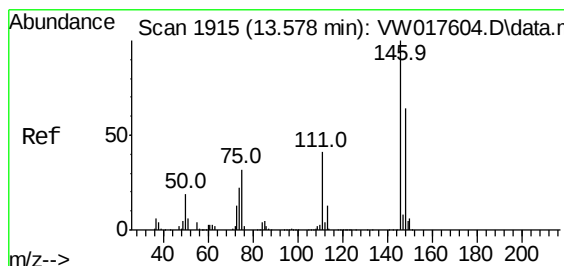
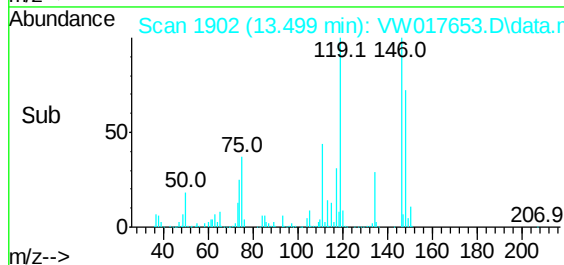
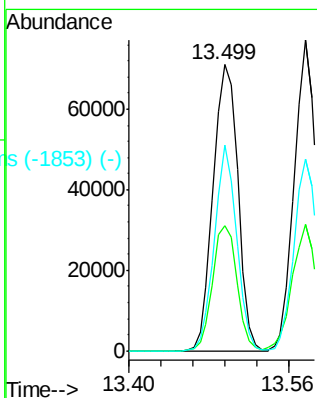
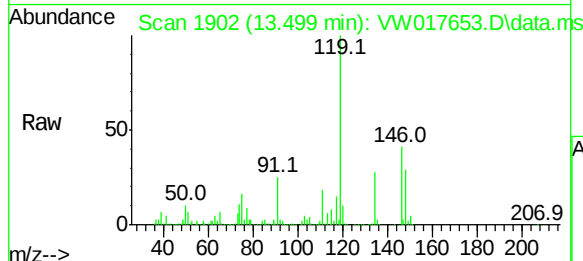
#1894 (-)
1,3-Dichlorobenzene
Concen: 21.06 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01

Tgt Ion:	146	Resp:	120148
Ion Ratio	Lower	Upper	
146	100		
111	42.7	19.1	57.5
148	64.4	32.5	97.4

Instrument :
MSVOA_W
ClientSampleId :
VW1216SBS01

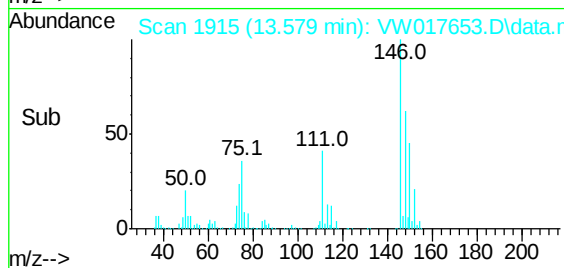
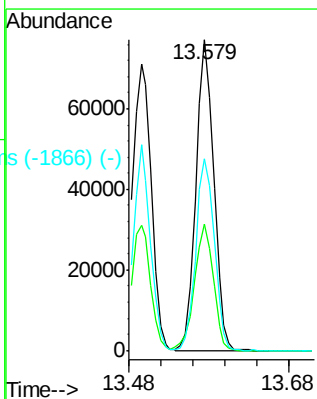
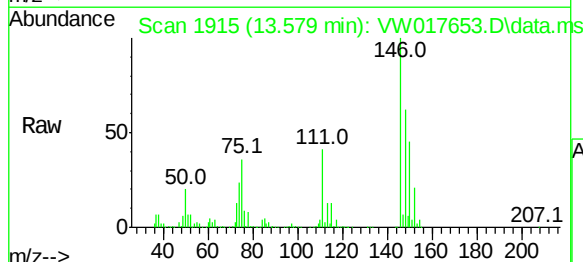
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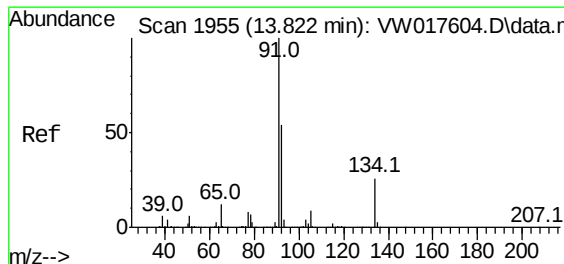
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#1899 (-)
1,4-Dichlorobenzene
Concen: 21.05 ug/l
RT: 13.579 min Scan# 1915
Delta R.T. 0.001 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01

Tgt Ion:	146	Resp:	119217
Ion Ratio	Lower	Upper	
146	100		
111	43.1	18.5	55.5
148	64.3	31.8	95.4





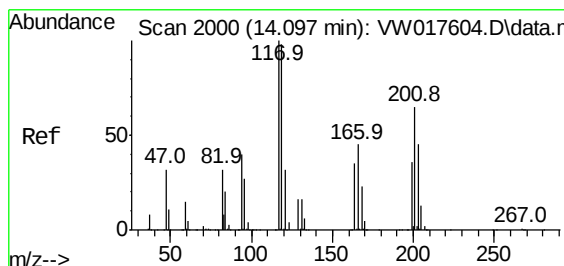
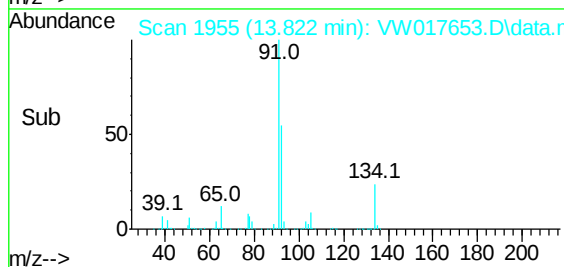
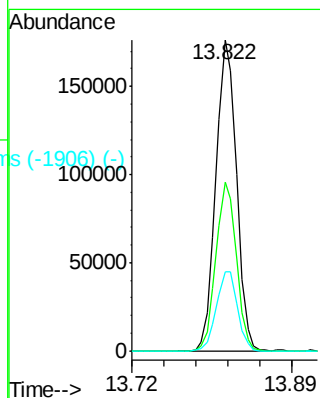
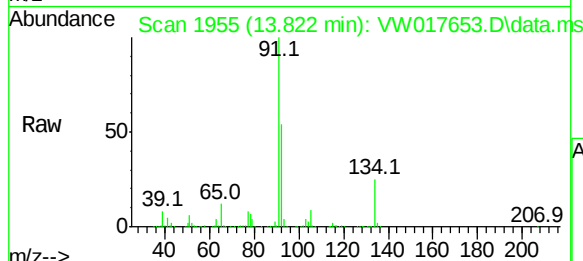
#99 (-)
n-Butylbenzene
Concen: 21.70 ug/l
RT: 13.822 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01

Tgt Ion:	91	Resp:	261608
Ion Ratio	100	Lower	Upper
92	53.9	26.6	79.7
134	25.9	14.3	42.9

Instrument :
MSVOA_W
ClientSampleId :
VW1216SBS01

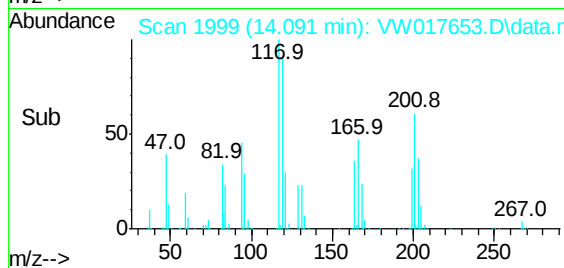
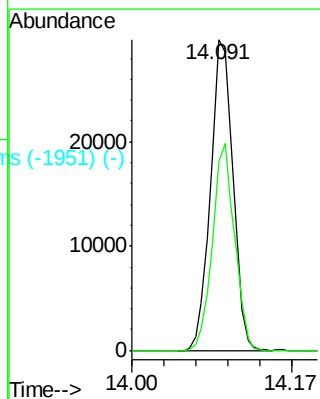
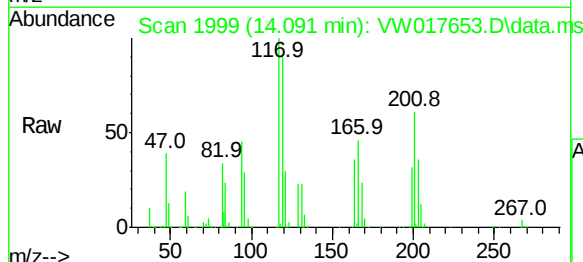
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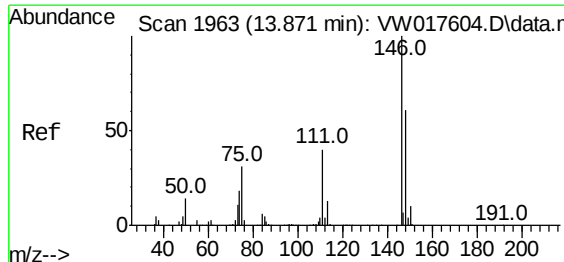
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#990 (-)
Hexachloroethane
Concen: 19.91 ug/l
RT: 14.091 min Scan# 1999
Delta R.T. -0.006 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01

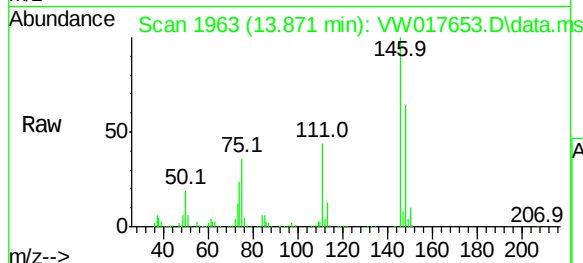
Tgt Ion:	117	Resp:	47993
Ion Ratio	100	Lower	Upper
201	65.6	41.9	125.7





#9154 (-)
1,2-Dichlorobenzene
Concen: 20.98 ug/l
RT: 13.871 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01

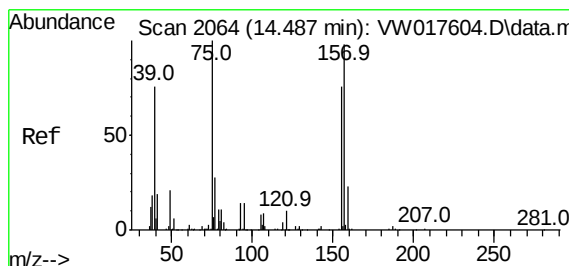
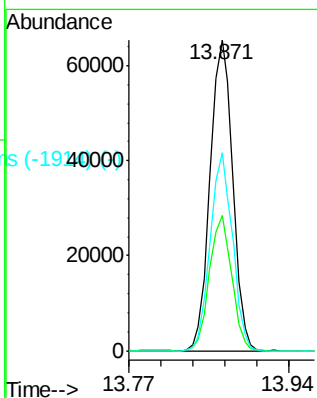
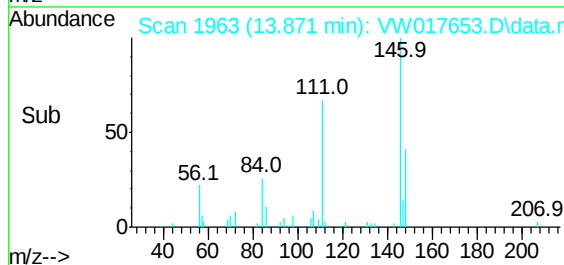
Instrument :
MSVOA_W
ClientSampleId :
VW1216SBS01



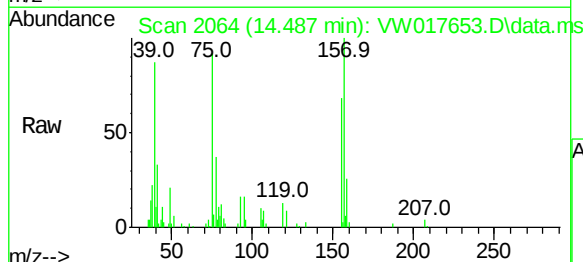
Tgt Ion:146 Resp: 106387
Ion Ratio Lower Upper
146 100
111 42.9 20.1 60.3
148 62.8 33.1 99.3

Manual Integrations
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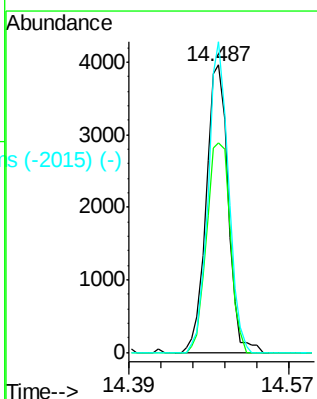
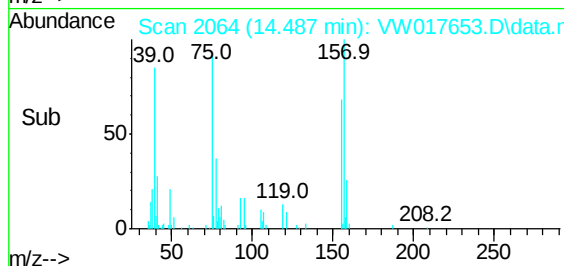
MMDadoda
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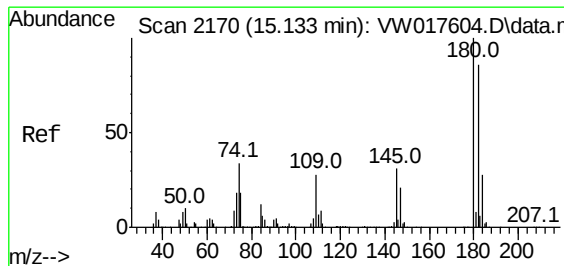


#9256 (-)
1,2-Dibromo-3-Chloropropane
Concen: 16.64 ug/l
RT: 14.487 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01



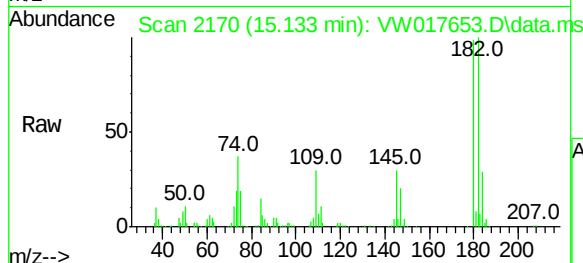
Tgt Ion: 75 Resp: 6752
Ion Ratio Lower Upper
75 100
155 78.3 47.6 142.8
157 99.6 62.2 186.6





#91
1,2,4-Trichlorobenzene
Concen: 21.60 ug/l
RT: 15.133 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01

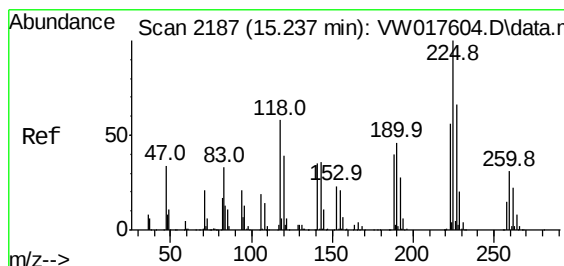
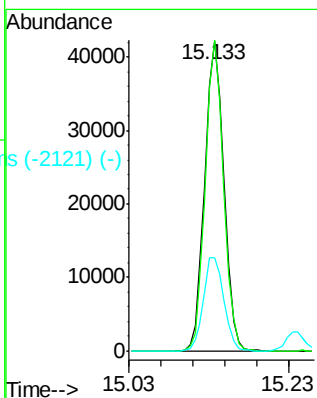
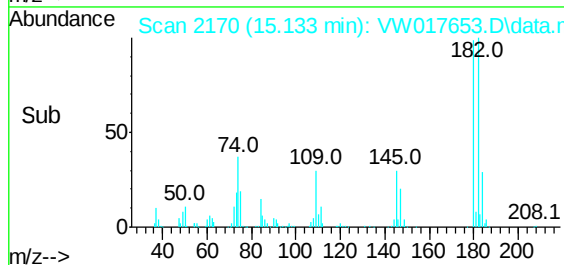
Instrument :
MSVOA_W
ClientSampleId :
VW1216SBS01



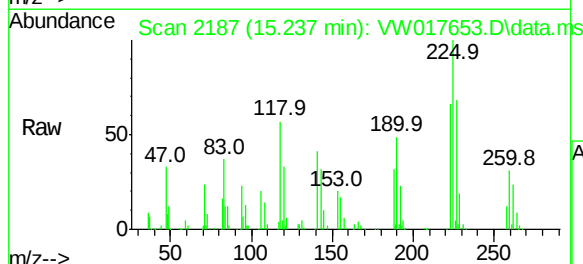
Tgt Ion:180 Resp: 70093
Ion Ratio Lower Upper
180 100
182 95.6 48.3 144.9
145 32.0 14.9 44.5

Manual Integrations
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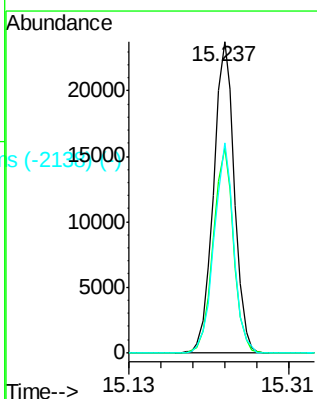
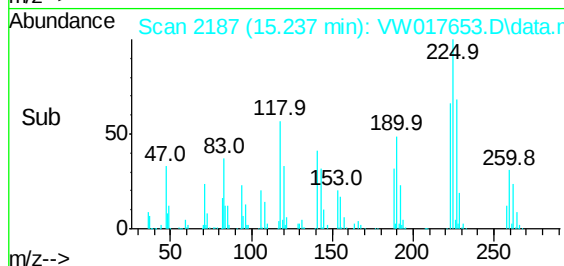
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12/19/2020 12:03:59 PM

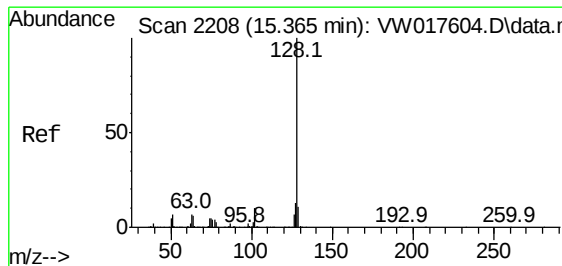


#92
Hexachlorobutadiene
Concen: 22.36 ug/l
RT: 15.237 min Scan# 2187
Delta R.T. -0.000 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01



Tgt Ion:225 Resp: 38130
Ion Ratio Lower Upper
225 100
223 63.9 31.9 95.7
227 63.5 33.0 99.0





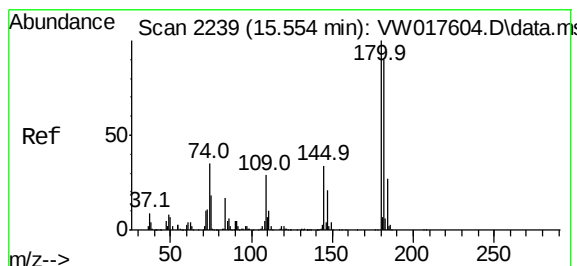
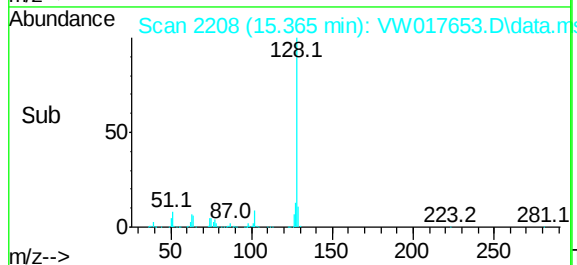
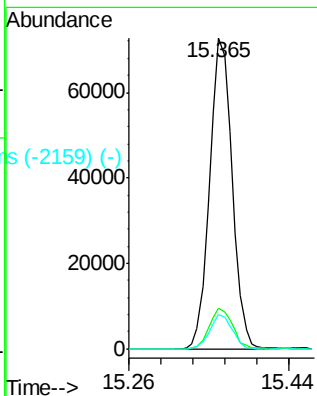
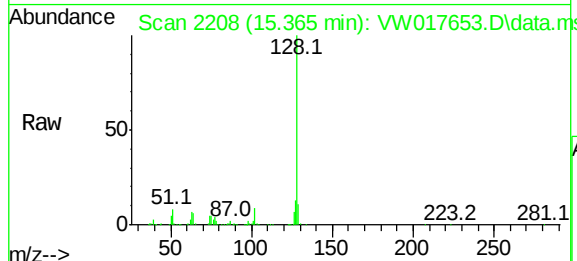
#95
Naphthalene
Concen: 19.16 ug/l
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01

Tgt Ion:128 Resp: 127184
Ion Ratio Lower Upper
128 100
127 13.4 10.4 15.6
129 10.9 8.6 12.8

Instrument :
MSVOA_W
ClientSampleId :
VW1216SBS01

Manual Integrations
APPROVED

MMDadoda
12/19/2020 12:03:59 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.85 ug/l
RT: 15.554 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VW017653.D
Acq: 16 Dec 2020 11:01

Tgt Ion:180 Resp: 58522
Ion Ratio Lower Upper
180 100
182 93.9 49.4 148.2
145 35.1 16.3 48.9

