

Data Path : Z:\voasrv\HPCHEM1\MSVOA_w\Data\Vw122220\
 Data File : Vw017697.D
 Acq On : 22 Dec 2020 11:33
 Operator : SY/VA
 Sample : Vw1222SBS01
 Misc : 5.00G/5ML/MSVOA_w/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1222SBS01

Manual Integrations
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 12/23/2020 3:25:30 PM

Quant Time: Dec 23 02:06:48 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_w\Method\82W121420S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 14 12:39:23 2020
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.946	168	230627	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.842	114	386942	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	346947	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	173743	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	132174	47.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.10%	
35) Dibromofluoromethane	7.885	113	128027	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
50) Toluene-d8	10.323	98	498768	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	
62) 4-Bromofluorobenzene	12.615	95	177365	49.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.66%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.008	85	44343	24.51	ug/l	97
3) Chloromethane	2.215	50	37816	18.56	ug/l	93
4) Vinyl Chloride	2.367	62	64556	21.86	ug/l	99
5) Bromomethane	2.776	94	63663	28.03	ug/l	99
6) Chloroethane	2.922	64	44411	24.06	ug/l	97
7) Trichlorofluoromethane	3.263	101	53650	22.96	ug/l	98
8) Diethyl Ether	3.684	74	24325	18.99	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.068	101	54628	21.54	ug/l	89
10) Methyl Iodide	4.275	142	76134	20.39	ug/l	91
11) Tert butyl alcohol	5.190	59	16398m	45.69	ug/l	
12) 1,1-Dichloroethene	4.044	96	53720	20.63	ug/l	# 79
13) Acrolein	3.897	56	13689	80.91	ug/l	91
14) Allyl chloride	4.666	41	76916	19.17	ug/l	90
15) Acrylonitrile	5.367	53	45346	79.95	ug/l	95
16) Acetone	4.123	43	53290	87.18	ug/l	94
17) Carbon Disulfide	4.391	76	151345	19.87	ug/l	98
18) Methyl Acetate	4.666	43	19930	16.04	ug/l	93
19) Methyl tert-butyl Ether	5.428	73	67894	19.27	ug/l	97
20) Methylene Chloride	4.916	84	68350	23.29	ug/l	88
21) trans-1,2-Dichloroethene	5.422	96	58913	20.37	ug/l	88
22) Diisopropyl ether	6.312	45	143171	19.56	ug/l	94
23) Vinyl Acetate	6.251	43	434020	88.09	ug/l	96
24) 1,1-Dichloroethane	6.214	63	100063	20.13	ug/l	98
25) 2-Butanone	7.171	43	62190	76.41	ug/l	92
26) 2,2-Dichloropropane	7.165	77	66333	17.26	ug/l	93
27) cis-1,2-Dichloroethene	7.165	96	62678	20.28	ug/l	87
28) Bromochloromethane	7.513	49	39947	18.90	ug/l	# 76
29) Tetrahydrofuran	7.531	42	38211	83.46	ug/l	90
30) Chloroform	7.677	83	103498	20.50	ug/l	99
31) Cyclohexane	7.952	56	96180	19.82	ug/l	90
32) 1,1,1-Trichloroethane	7.872	97	90910	21.07	ug/l	95
36) 1,1-Dichloropropene	8.080	75	85783	21.18	ug/l	96
37) Ethyl Acetate	7.257	43	27718	16.37	ug/l	99
38) Carbon Tetrachloride	8.074	117	86209	21.17	ug/l	94
39) Methylcyclohexane	9.336	83	108111	21.07	ug/l	91
40) Benzene	8.323	78	226998	21.15	ug/l	97
41) Methacrylonitrile	7.476	41	17323	18.11	ug/l	# 87

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.403	62	67593	20.69	ug/l	97
43) Isopropyl Acetate	8.421	43	54327	17.10	ug/l	95
44) Trichloroethene	9.092	130	64087	21.65	ug/l	94
45) 1,2-Dichloropropane	9.372	63	55220	20.85	ug/l	99
46) Dibromomethane	9.457	93	29118	19.65	ug/l #	85
47) Bromodichloromethane	9.646	83	76140	20.16	ug/l	96
48) Methyl methacrylate	9.439	41	26365	16.92	ug/l	92
49) 1,4-Dioxane	9.464	88	7172	391.31	ug/l #	94
51) 4-Methyl-2-Pentanone	10.213	43	128983	81.59	ug/l	91
52) Toluene	10.384	92	148370	21.14	ug/l	95
53) t-1,3-Dichloropropene	10.604	75	71703	18.55	ug/l	98
54) cis-1,3-Dichloropropene	10.073	75	86508	19.36	ug/l #	89
55) 1,1,2-Trichloroethane	10.786	97	38081	19.22	ug/l	92
56) Ethyl methacrylate	10.646	69	45059	17.60	ug/l #	86
57) 1,3-Dichloropropane	10.933	76	68696	19.63	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.921	63	110394	90.20	ug/l	94
59) 2-Hexanone	10.969	43	87741	82.96	ug/l	96
60) Dibromochloromethane	11.128	129	45595	18.39	ug/l	99
61) 1,2-Dibromoethane	11.232	107	37220	19.01	ug/l	99
64) Tetrachloroethene	10.860	164	49971	21.12	ug/l	96
65) Chlorobenzene	11.658	112	156196	20.94	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.731	131	53246	20.12	ug/l	99
67) Ethyl Benzene	11.731	91	298816	21.56	ug/l	99
68) m/p-Xylenes	11.841	106	225119	42.60	ug/l	96
69) o-Xylene	12.164	106	103195	20.70	ug/l	93
70) Styrene	12.183	104	173238	20.81	ug/l	96
71) Bromoform	12.353	173	24044	17.00	ug/l #	97
73) Isopropylbenzene	12.463	105	295993	21.55	ug/l	99
74) N-ethyl acetate	12.274	43	47504	16.49	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.713	83	42822	18.69	ug/l	96
76) 1,2,3-Trichloropropane	12.768	75	28785m	17.21	ug/l	
77) Bromobenzene	12.743	156	60599	20.60	ug/l	83
78) n-propylbenzene	12.804	91	353458	21.67	ug/l	97
79) 2-Chlorotoluene	12.890	91	193409	21.27	ug/l	96
80) 1,3,5-Trimethylbenzene	12.945	105	244632	21.04	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.512	75	12045	14.59	ug/l	91
82) 4-Chlorotoluene	12.987	91	202645	21.11	ug/l	98
83) tert-Butylbenzene	13.207	119	217336	21.86	ug/l	96
84) 1,2,4-Trimethylbenzene	13.249	105	245191	21.41	ug/l	98
85) sec-Butylbenzene	13.384	105	302764	21.68	ug/l	98
86) p-Isopropyltoluene	13.499	119	276527	21.93	ug/l	97
87) 1,3-Dichlorobenzene	13.499	146	125394	21.38	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	126430	21.72	ug/l	96
89) n-Butylbenzene	13.823	91	272759	22.02	ug/l	98
90) Hexachloroethane	14.097	117	50366	20.33	ug/l	77
91) 1,2-Dichlorobenzene	13.871	146	106674	20.46	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.481	75	7131	17.10	ug/l	82
93) 1,2,4-Trichlorobenzene	15.133	180	75996	22.79	ug/l	95
94) Hexachlorobutadiene	15.237	225	40942	23.36	ug/l	96
95) Naphthalene	15.365	128	128072	18.78	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	61468	21.31	ug/l	94

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

Instrument :

MSVOA_W

ClientSampleId :

VW1222SBS01

Manual Integrations

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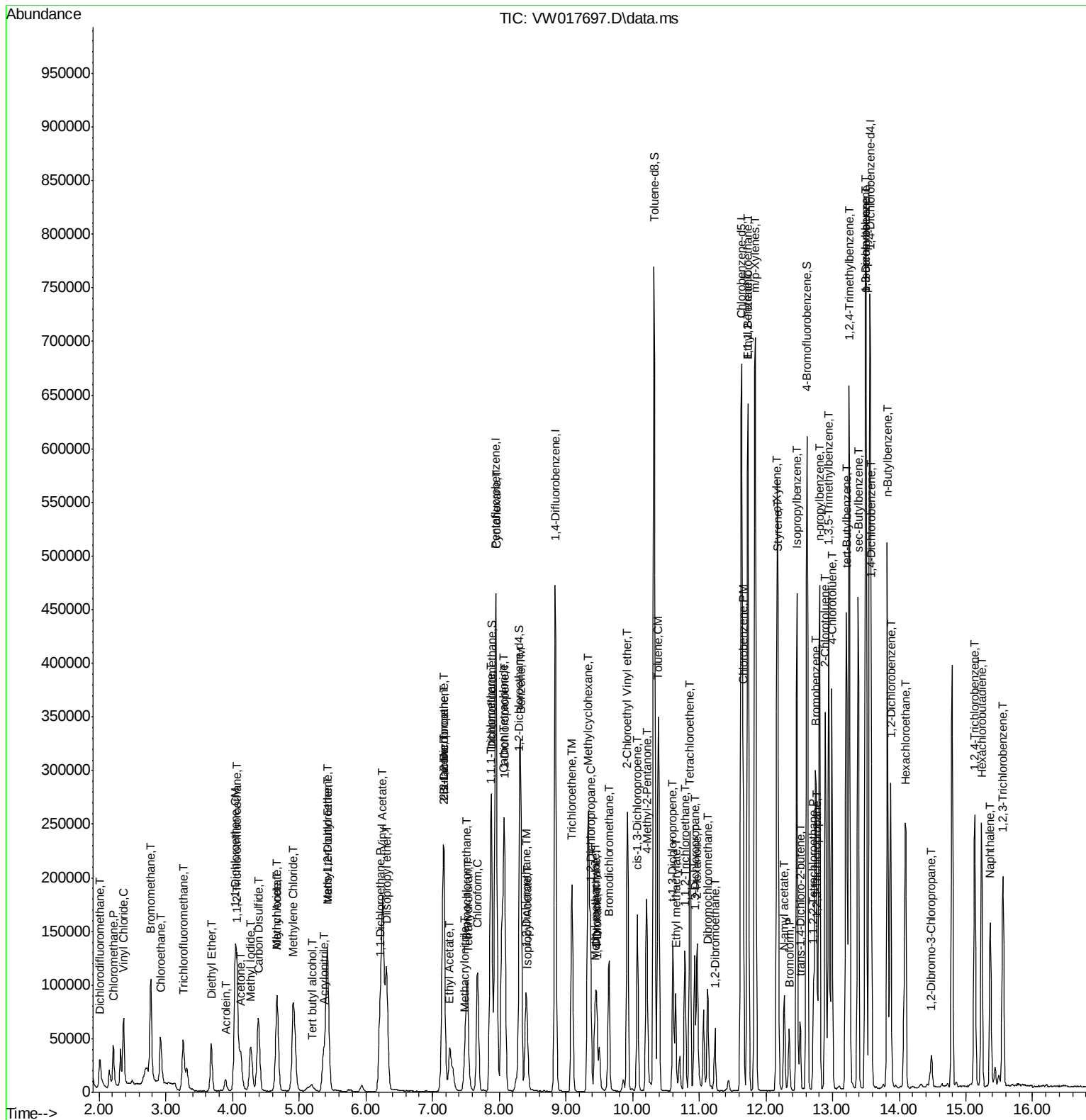
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\Vw122220\
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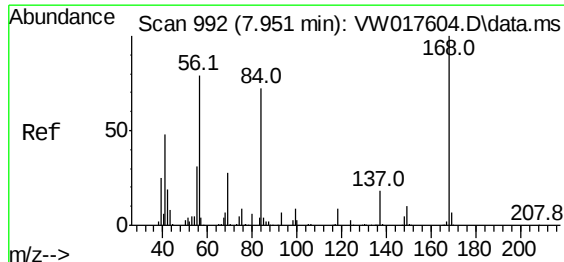
Instrument :
MSVOA_W
ClientSampleId :
VW1222SBS01

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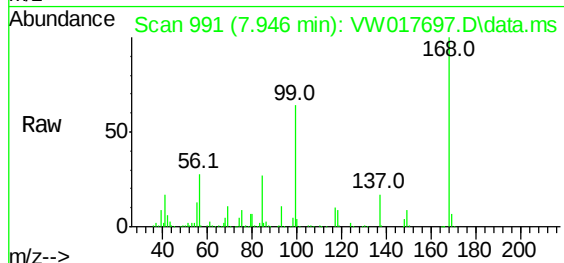


Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.946 min Scan# 991
Delta R.T. -0.005 min
Lab File: VW017697.D
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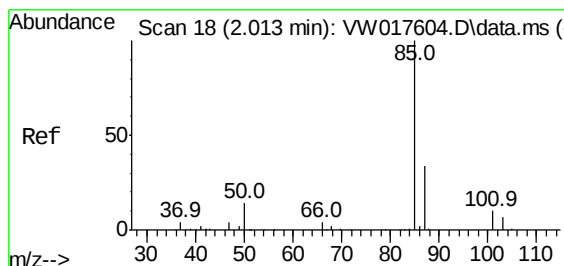
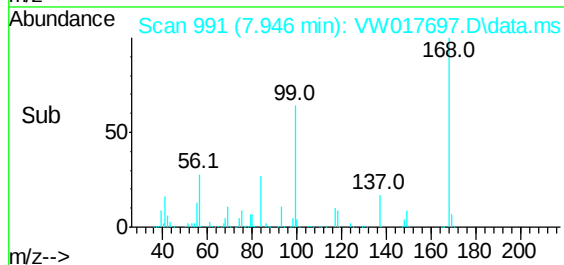
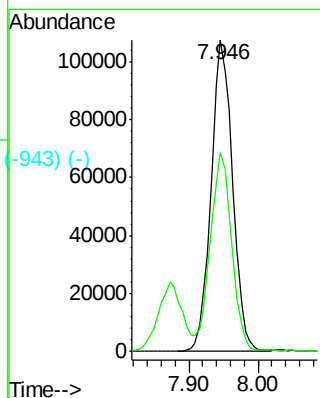
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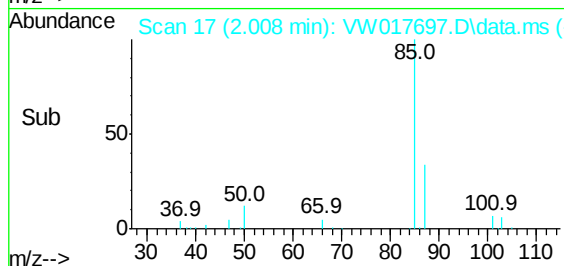
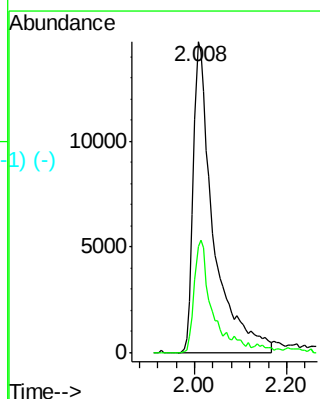
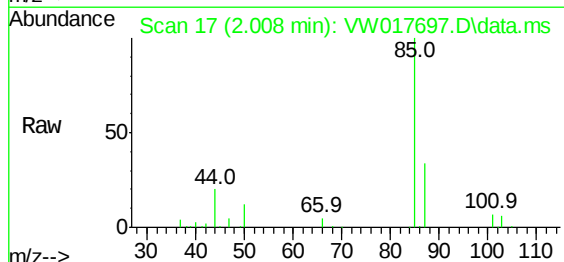


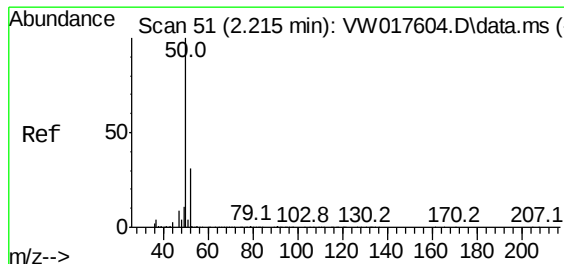
Tgt Ion:168 Resp: 230627
Ion Ratio Lower Upper
168 100
99 63.7 40.7 61.1#



Dichlorodifluoromethane
Concen: 24.51 ug/l
RT: 2.008 min Scan# 17
Delta R.T. -0.005 min
Lab File: VW017697.D
Acq: 22 Dec 2020 11:33

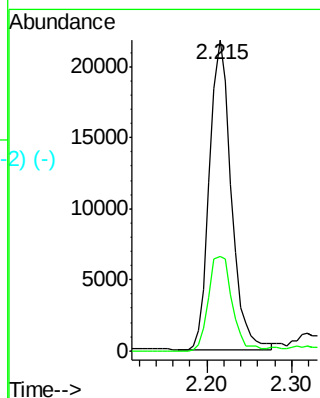
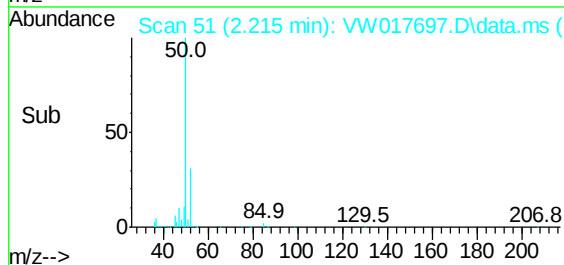
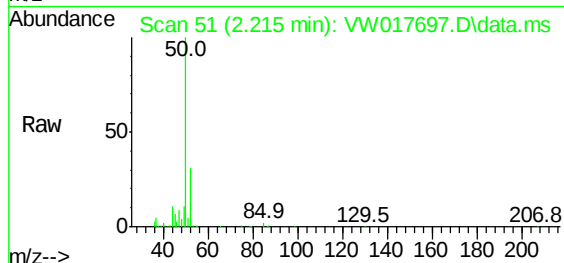
Tgt Ion: 85 Resp: 44343
Ion Ratio Lower Upper
85 100
87 34.2 16.3 48.9





Scan 51 (2.215 min): VW017604.D\data.ms (-43) (-)
 Chloromethane
 Concen: 18.56 ug/l
 RT: 2.215 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VW017697.D
 Acq: 22 Dec 2020 11:33

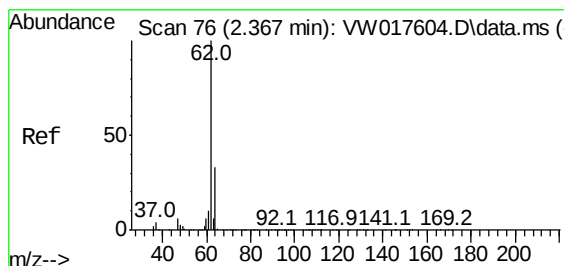
Tgt Ion:	50	Resp:	37816
Ion Ratio	Lower	Upper	
50	100		
52	30.6	27.6	41.4



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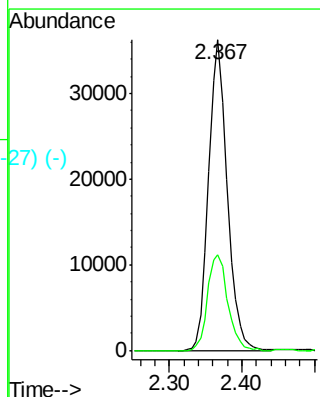
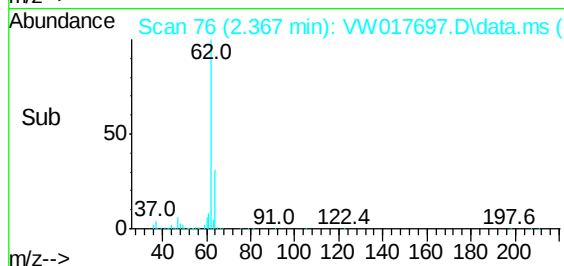
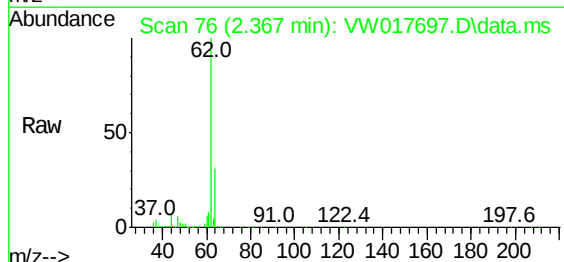
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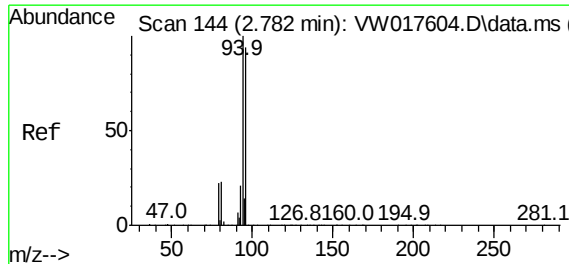
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Scan 76 (2.367 min): VW017604.D\data.ms (-65) (-)
 Vinyl Chloride
 Concen: 21.86 ug/l
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW017697.D
 Acq: 22 Dec 2020 11:33

Tgt Ion:	62	Resp:	64556
Ion Ratio	Lower	Upper	
62	100		
64	30.6	25.0	37.4





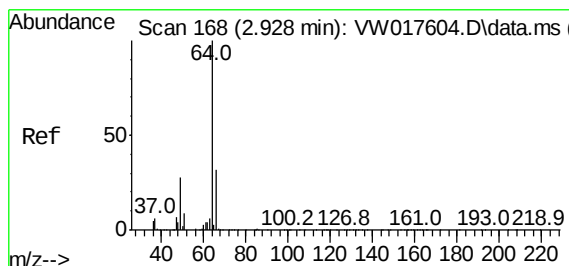
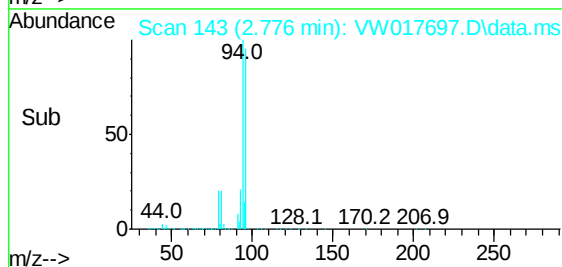
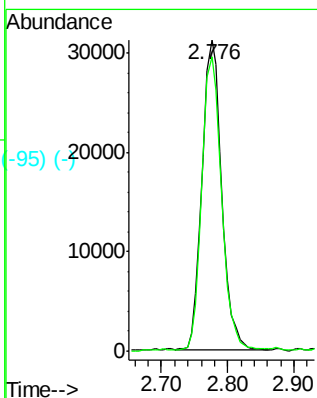
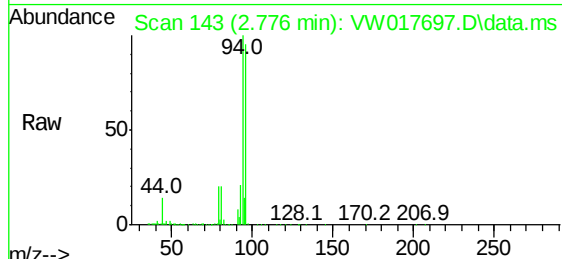
Bromomethane
Concen: 28.03 ug/l
RT: 2.776 min Scan# 143
Delta R.T. -0.006 min
Lab File: VW017697.D
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Tgt Ion: 94 Resp: 63663
Ion Ratio Lower Upper
94 100
96 94.5 74.7 112.1

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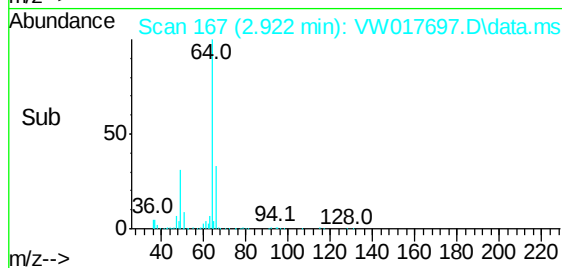
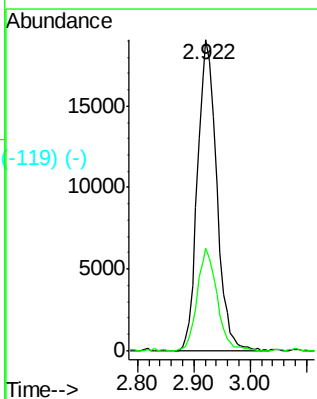
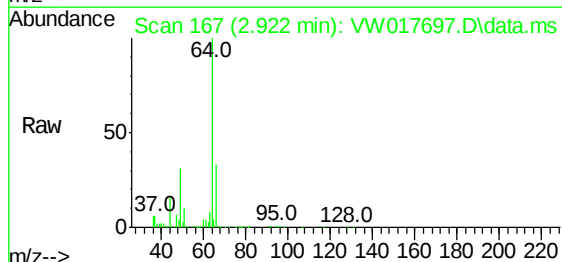
Manual Integrations
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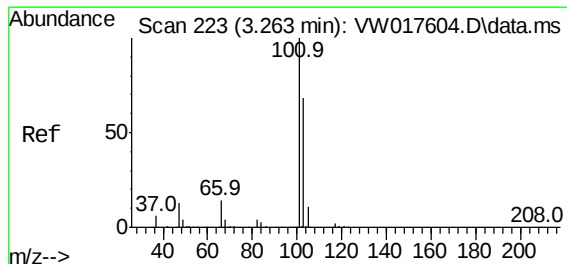
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Chloroethane
Concen: 24.06 ug/l
RT: 2.922 min Scan# 167
Delta R.T. -0.006 min
Lab File: VW017697.D
Acq: 22 Dec 2020 11:33

Tgt Ion: 64 Resp: 44411
Ion Ratio Lower Upper
64 100
66 32.9 25.0 37.6





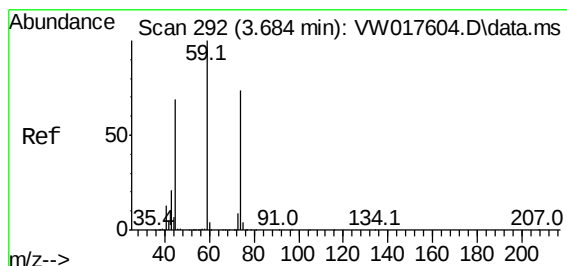
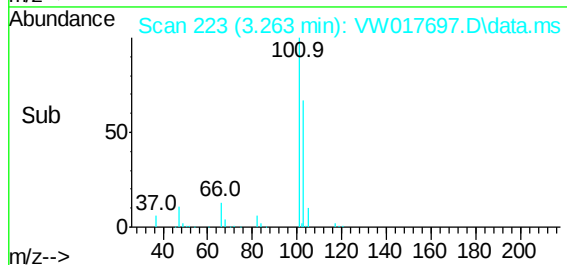
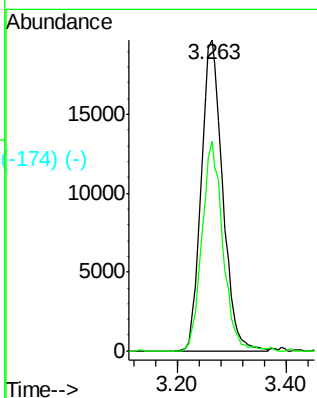
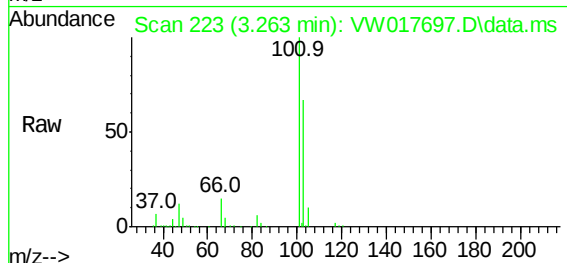
Trichlorofluoromethane
Concen: 22.96 ug/l
RT: 3.263 min Scan# 223
Delta R.T. 0.000 min
Lab File: VW017697.D
Acq: 22 Dec 2020 11:33

Tgt Ion: 101 Resp: 53650
Ion Ratio Lower Upper
101 100
103 67.3 52.6 79.0

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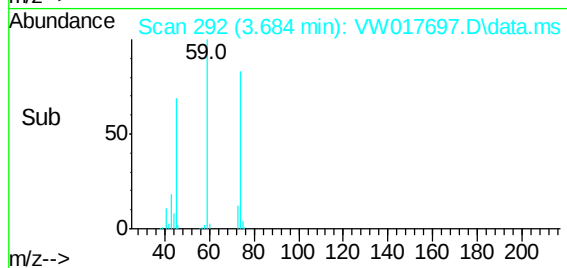
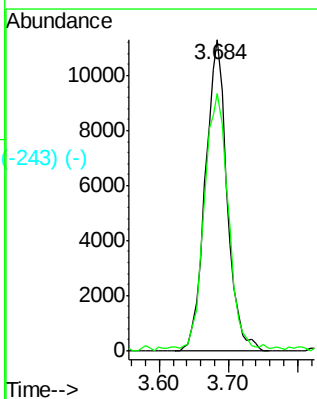
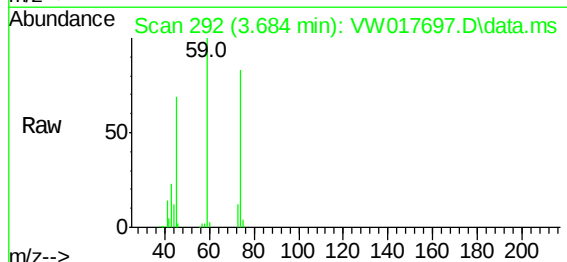
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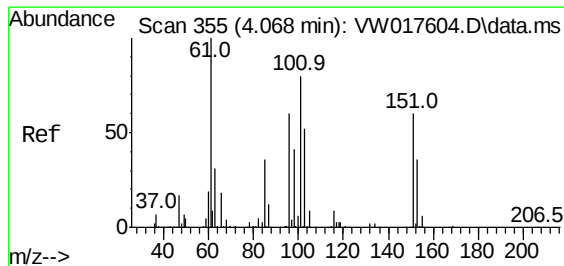
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Diethyl Ether
Concen: 18.99 ug/l
RT: 3.684 min Scan# 292
Delta R.T. 0.000 min
Lab File: VW017697.D
Acq: 22 Dec 2020 11:33

Tgt Ion: 74 Resp: 24325
Ion Ratio Lower Upper
74 100
45 93.9 41.1 123.4



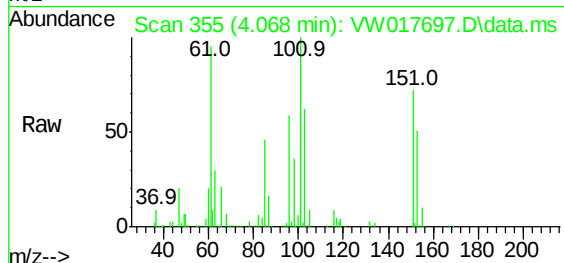


1,1,2-Trichlorotrifluoroethane
Concen: 21.54 ug/l
RT: 4.068 min Scan# 355
Delta R.T. 0.000 min
Lab File: VW017697.D
Acq: 22 Dec 2020 11:33

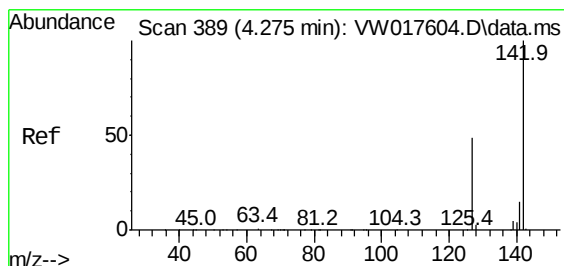
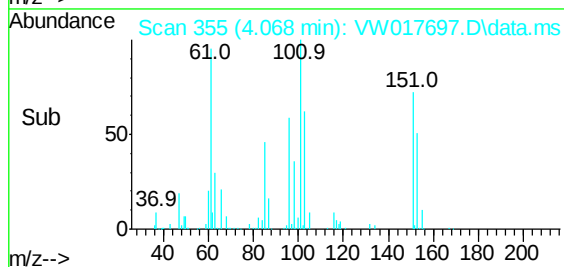
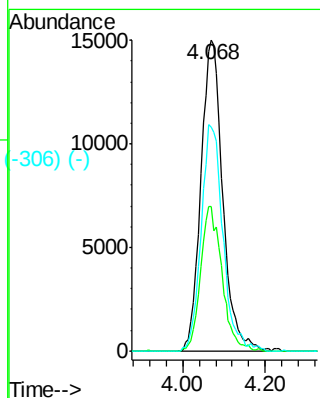
Instrument :
MSVOA_W
ClientSampleId :
VW1222SBS01

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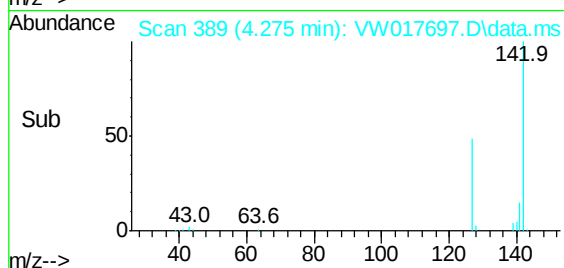
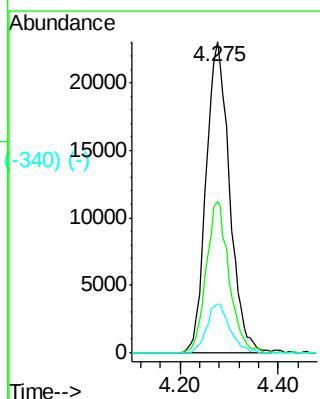
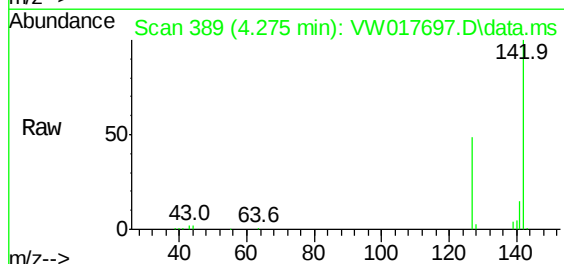


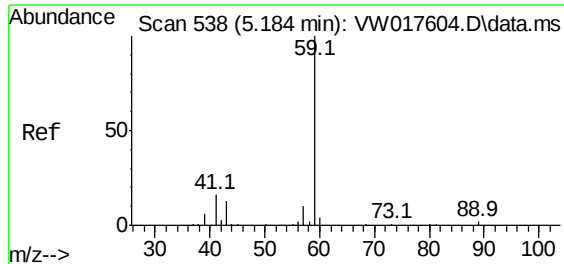
Tgt Ion:101 Resp: 54628
Ion Ratio Lower Upper
101 100
85 45.5 33.2 49.8
151 71.8 66.6 100.0



Methyl Iodide
Concen: 20.39 ug/l
RT: 4.275 min Scan# 389
Delta R.T. 0.000 min
Lab File: VW017697.D
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Tgt Ion:142 Resp: 76134
Ion Ratio Lower Upper
142 100
127 47.3 32.4 48.6
141 15.3 11.4 17.0





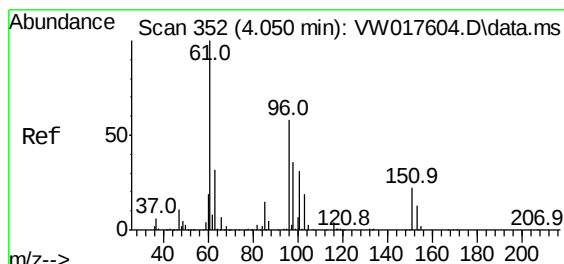
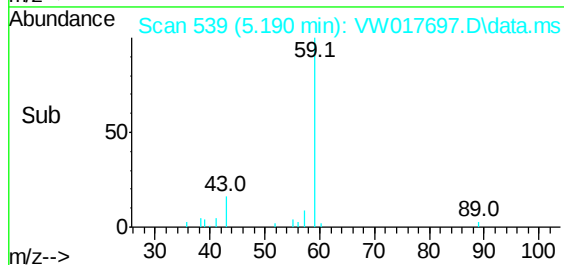
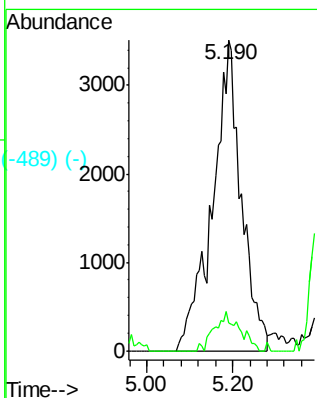
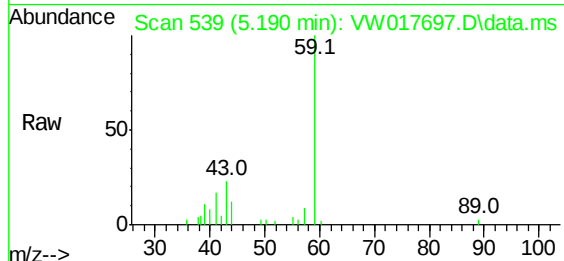
#15 (-)
Tert butyl alcohol
Concen: 45.69 ug/l m
RT: 5.190 min Scan# 539
Delta R.T. 0.006 min
Lab File: VW017697.D
Acq: 22 Dec 2020 11:33

Tgt Ion: 59 Resp: 16398
Ion Ratio Lower Upper
59 100
57 9.4 4.7 7.1#

Instrument :
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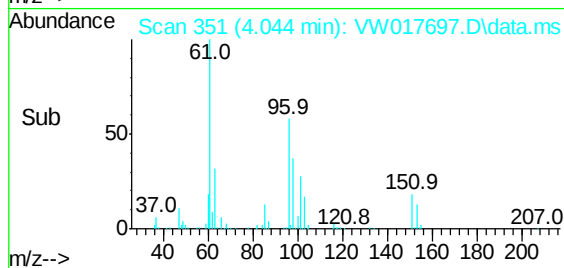
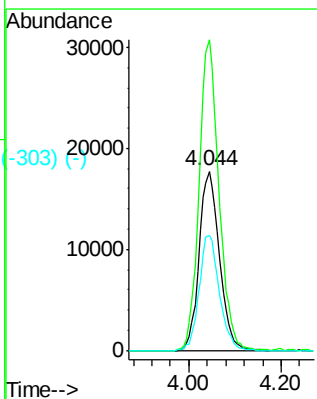
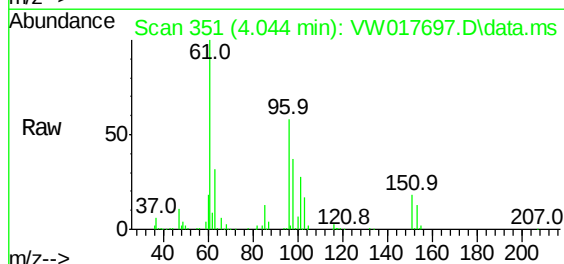
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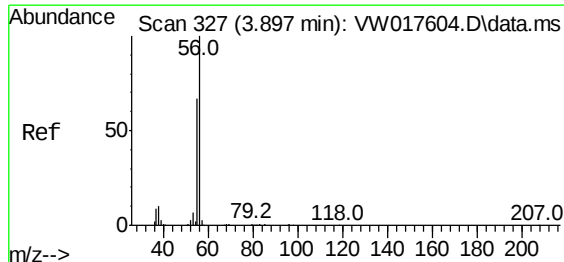
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#19 (-)
1,1-Dichloroethene
Concen: 20.63 ug/l
RT: 4.044 min Scan# 351
Delta R.T. -0.006 min
Lab File: VW017697.D
Acq: 22 Dec 2020 11:33

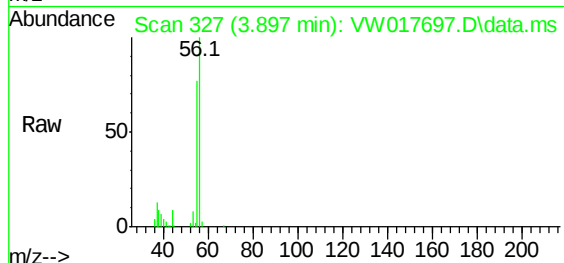
Tgt Ion: 96 Resp: 53720
Ion Ratio Lower Upper
96 100
61 173.5 111.7 167.5#
98 64.2 49.0 73.4





#18 (-)
Acrolein
Concen: 80.91 ug/l
RT: 3.897 min Scan# 327
Delta R.T. 0.000 min
Lab File: VW017697.D
Acq: 22 Dec 2020 11:33

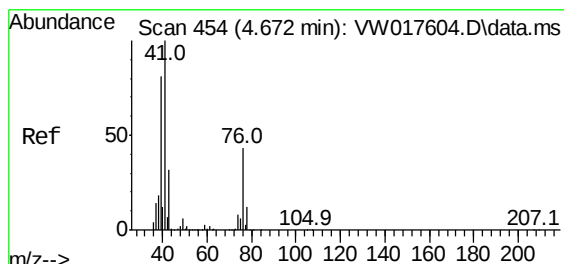
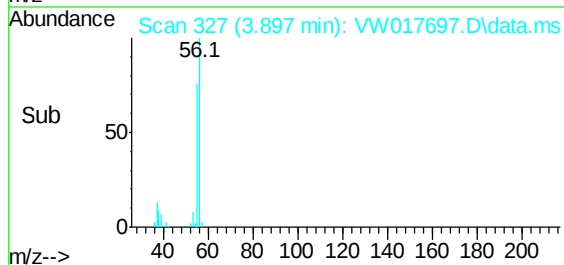
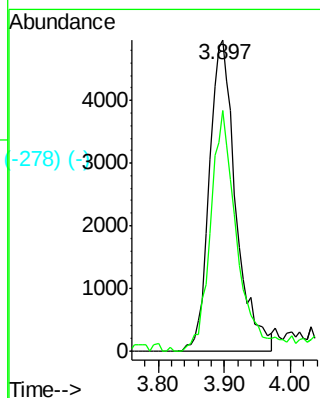
Instrument :
MSVOA_W
ClientSampleId :
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Tgt Ion: 56 Resp: 13689
Ion Ratio Lower Upper
56 100
55 77.2 55.9 83.9

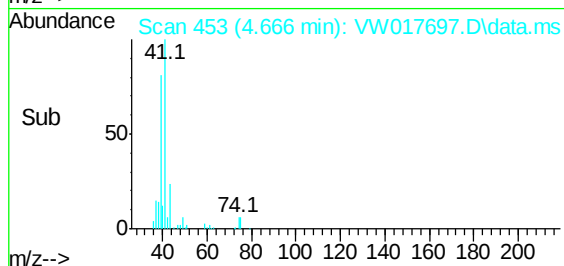
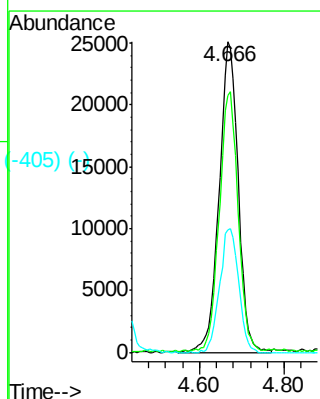
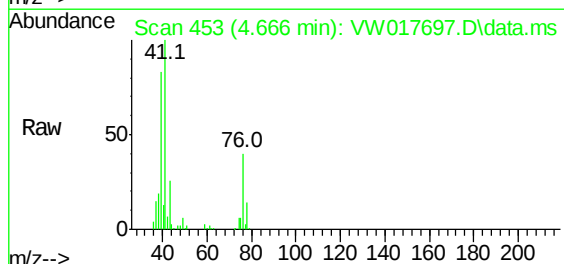
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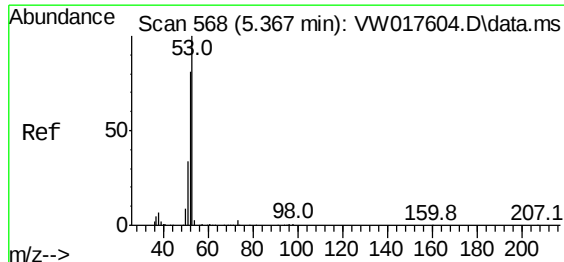
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#34 (-)
Allyl chloride
Concen: 19.17 ug/l
RT: 4.666 min Scan# 453
Delta R.T. -0.006 min
Lab File: VW017697.D
Acq: 22 Dec 2020 11:33

Tgt Ion: 41 Resp: 76916
Ion Ratio Lower Upper
41 100
39 82.3 57.8 86.8
76 39.7 35.1 52.7





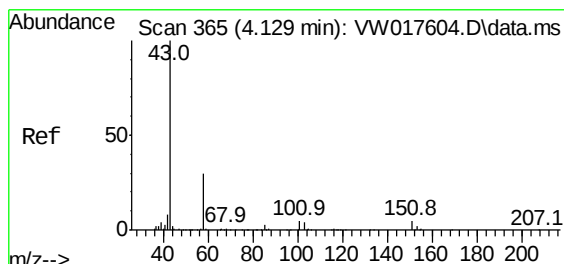
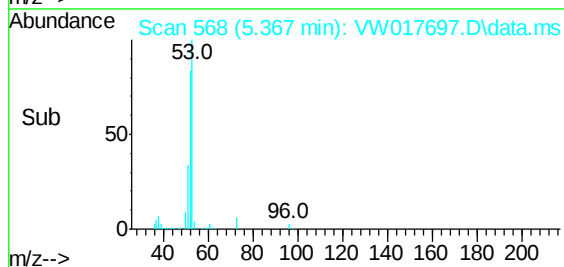
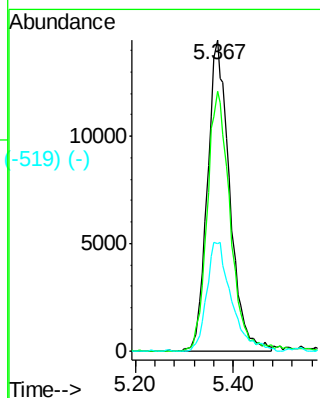
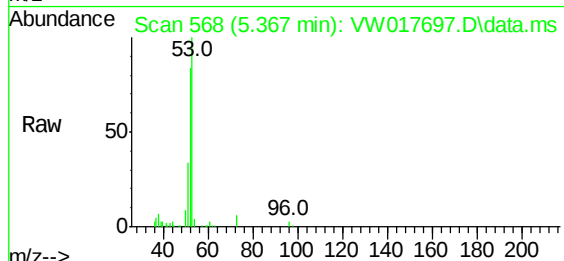
#55 (-)
Acrylonitrile
Concen: 79.95 ug/l
RT: 5.367 min Scan# 568
Delta R.T. -0.000 min
Lab File: VW017697.D
Acq: 22 Dec 2020 11:33

Tgt Ion:	53	Resp:	45346
Ion	Ratio	Lower	Upper
53	100		
52	86.6	65.0	97.4
51	38.8	29.1	43.7

Instrument :
MSVOA_W
ClientSampleId :
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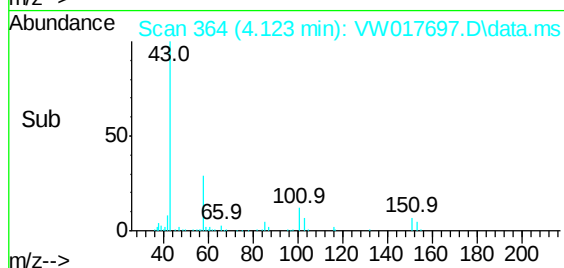
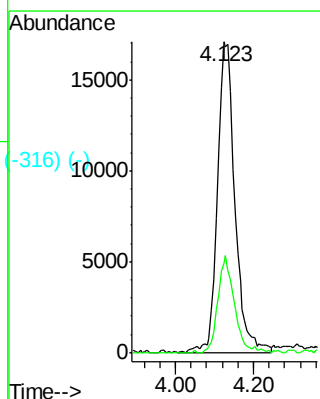
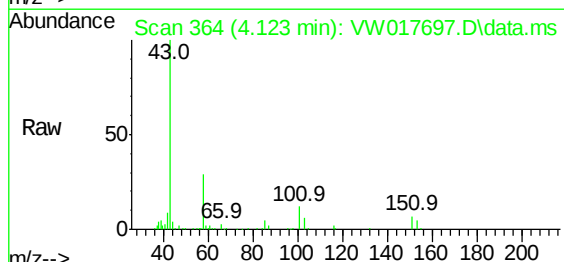
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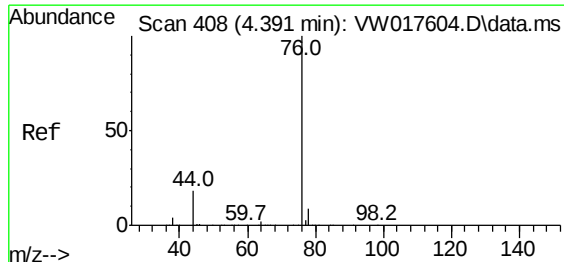
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#46 (-)
Acetone
Concen: 87.18 ug/l
RT: 4.123 min Scan# 364
Delta R.T. -0.006 min
Lab File: VW017697.D
Acq: 22 Dec 2020 11:33

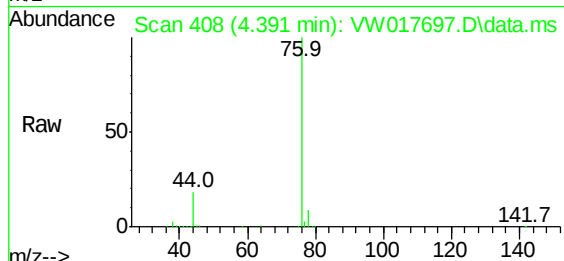
Tgt Ion:	43	Resp:	53290
Ion	Ratio	Lower	Upper
43	100		
58	28.8	25.7	38.5





Carbon Disulfide
Concen: 19.87 ug/l
RT: 4.391 min Scan# 408
Delta R.T. 0.000 min
Lab File: VW017697.D
Acq: 22 Dec 2020 11:33

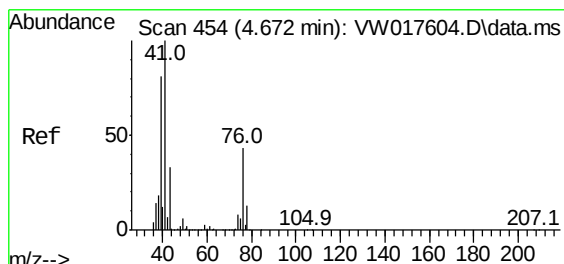
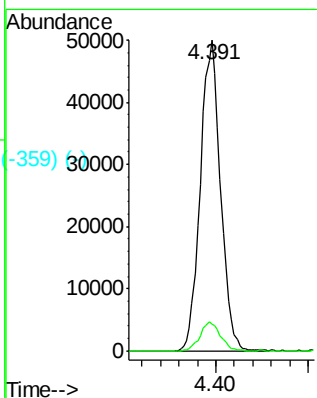
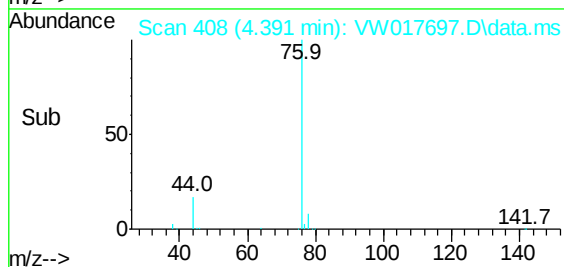
Instrument :
MSVOA_W
ClientSampleId :
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Tgt Ion: 76 Resp: 151345
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.2

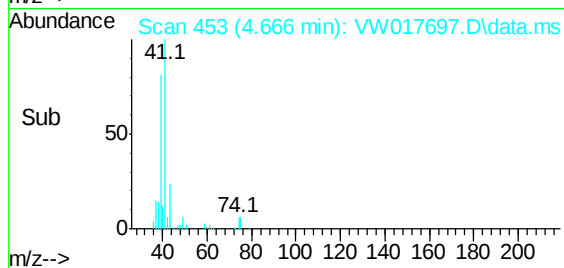
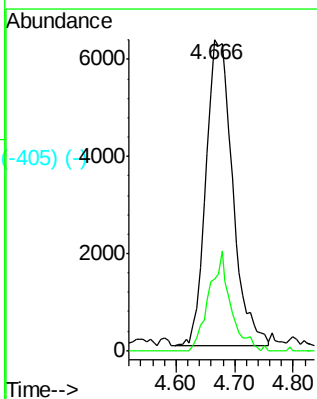
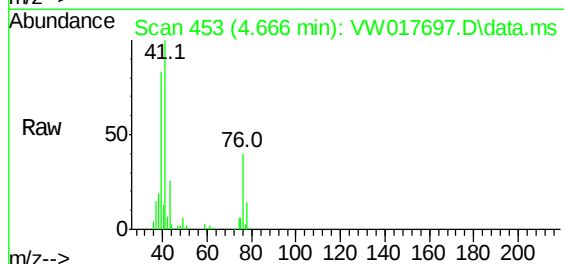
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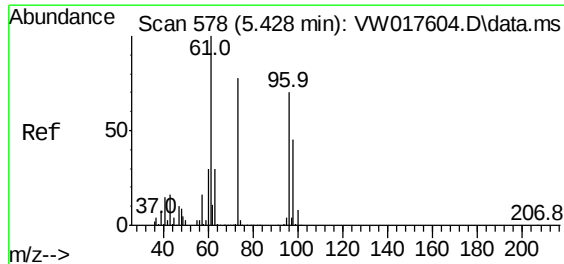
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Methyl Acetate
Concen: 16.04 ug/l
RT: 4.666 min Scan# 453
Delta R.T. -0.006 min
Lab File: VW017697.D
Acq: 22 Dec 2020 11:33

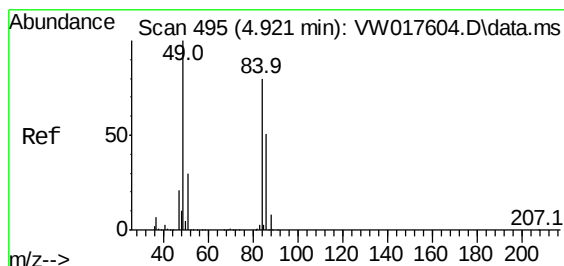
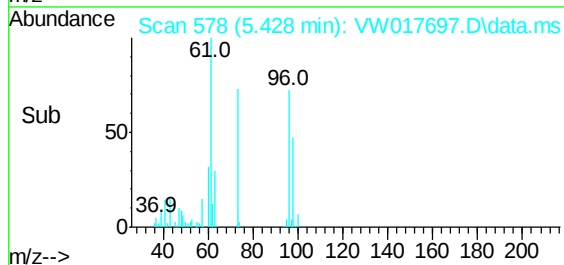
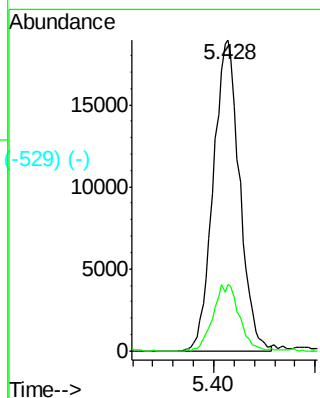
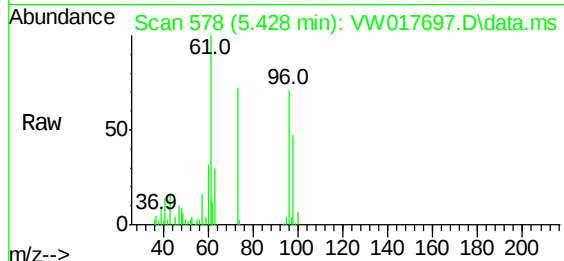
Tgt Ion: 43 Resp: 19930
Ion Ratio Lower Upper
43 100
74 26.0 23.8 35.6





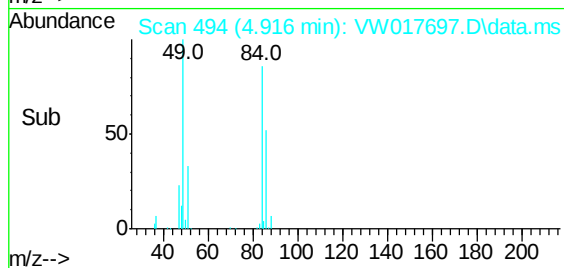
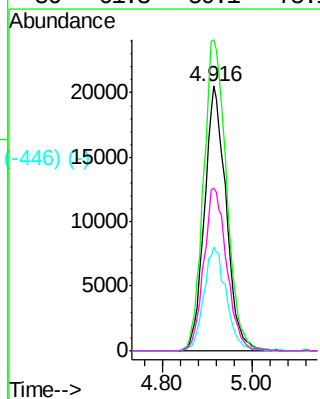
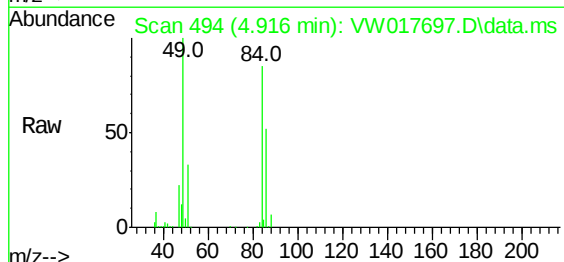
#529 (-)
Methyl tert-butyl Ether
Concen: 19.27 ug/l
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW017697.D
Acq: 22 Dec 2020 11:33

Tgt Ion: 73 Resp: 67894
Ion Ratio Lower Upper
73 100
57 21.5 16.1 24.1



#429 (-)
Methylene Chloride
Concen: 23.29 ug/l
RT: 4.916 min Scan# 494
Delta R.T. -0.005 min
Lab File: VW017697.D
Acq: 22 Dec 2020 11:33

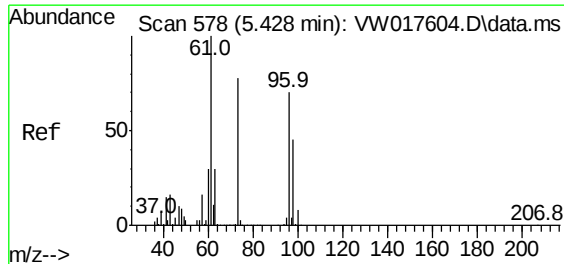
Tgt Ion: 84 Resp: 68350
Ion Ratio Lower Upper
84 100
49 117.5 79.0 118.6
51 39.0 26.1 39.1
86 61.3 50.1 75.1



Instrument :
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ClientSampleId :
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#21 (-)
trans-1,2-Dichloroethene
Concen: 20.37 ug/l
RT: 5.422 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW017697.D
Acq: 22 Dec 2020 11:33

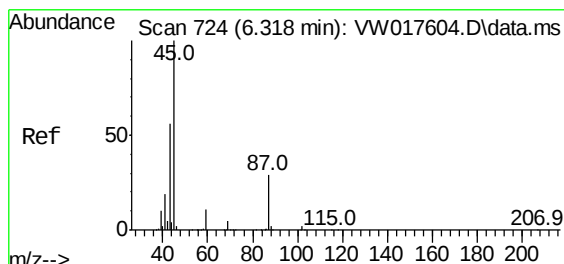
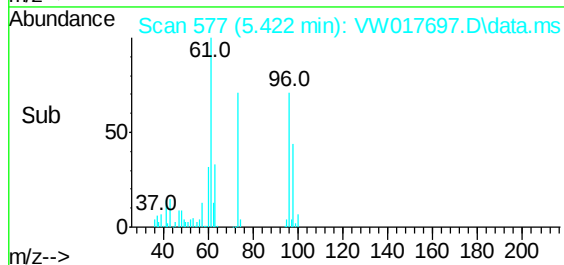
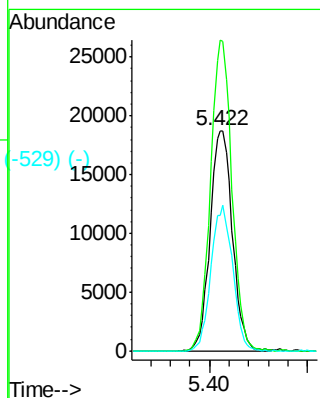
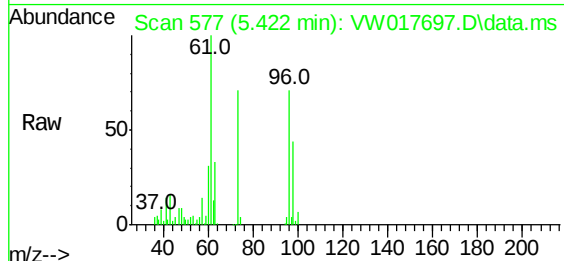
Tgt Ion: 96 Resp: 58913

Ion	Ratio	Lower	Upper
96	100		
61	141.1	97.4	146.0
98	61.5	49.4	74.0

Instrument :
MSVOA_W
ClientSampleId :
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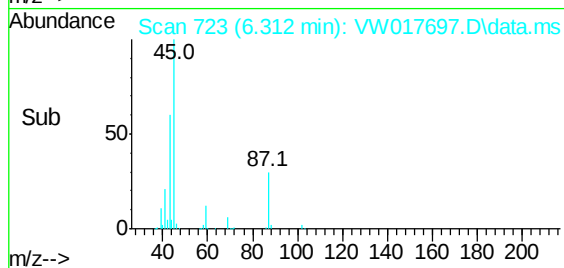
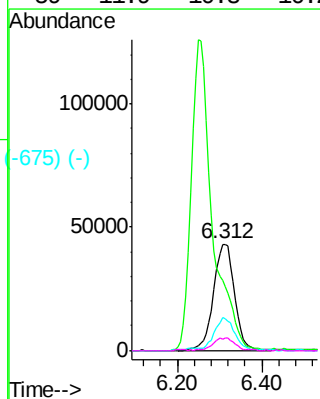
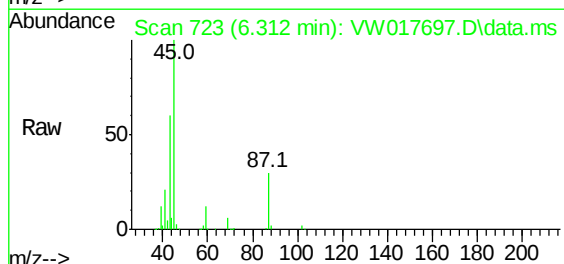
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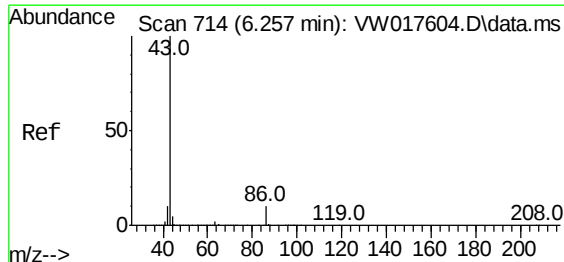


#22 (-)
Diisopropyl ether
Concen: 19.56 ug/l
RT: 6.312 min Scan# 723
Delta R.T. -0.006 min
Lab File: VW017697.D
Acq: 22 Dec 2020 11:33

Tgt Ion: 45 Resp: 143171

Ion	Ratio	Lower	Upper
45	100		
43	58.8	43.8	65.8
87	29.7	27.6	41.4
59	11.9	10.8	16.2



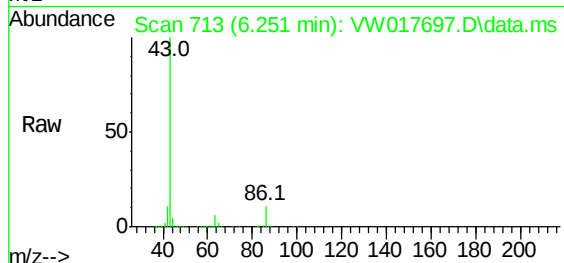


#23 (-)
 Vinyl Acetate
 Concen: 88.09 ug/l
 RT: 6.251 min Scan# 713
 Delta R.T. -0.006 min
 Lab File: VW017697.D
 Acq: 22 Dec 2020 11:33

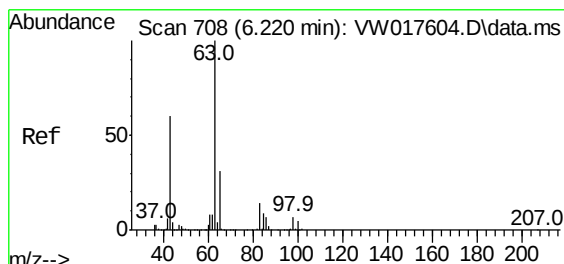
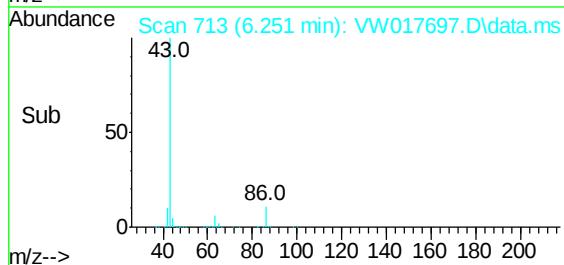
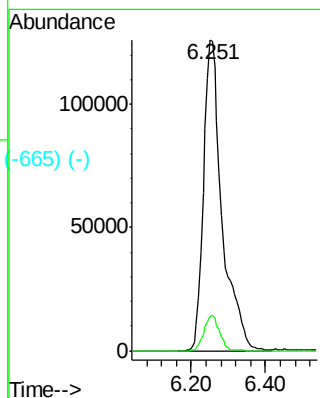
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1222SBS01

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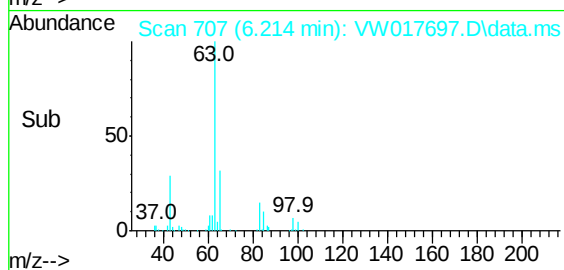
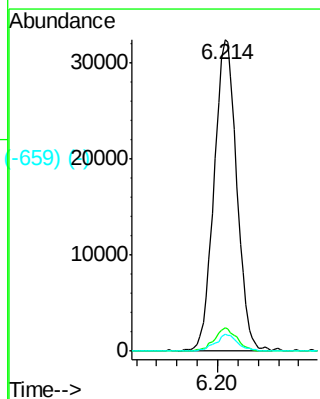
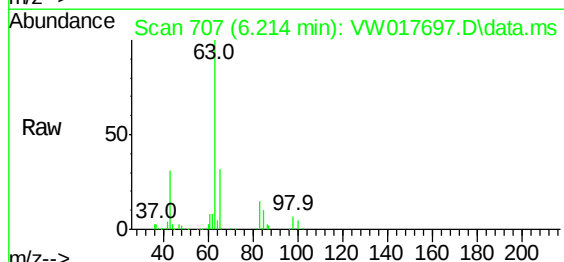


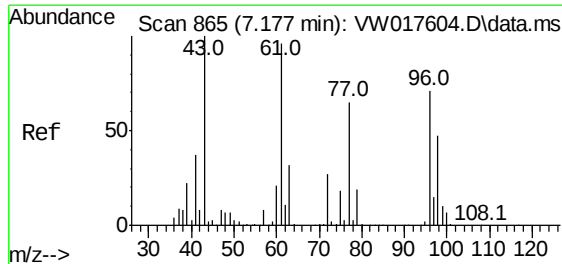
Tgt Ion: 43 Resp: 434020
 Ion Ratio Lower Upper
 43 100
 86 11.0 10.2 15.4



#24 (-)
 1,1-Dichloroethane
 Concen: 20.13 ug/l
 RT: 6.214 min Scan# 707
 Delta R.T. -0.006 min
 Lab File: VW017697.D
 Acq: 22 Dec 2020 11:33

Tgt Ion: 63 Resp: 100063
 Ion Ratio Lower Upper
 63 100
 98 7.4 4.2 12.6
 100 5.3 2.6 7.8





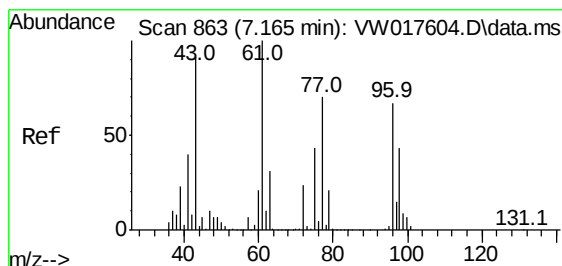
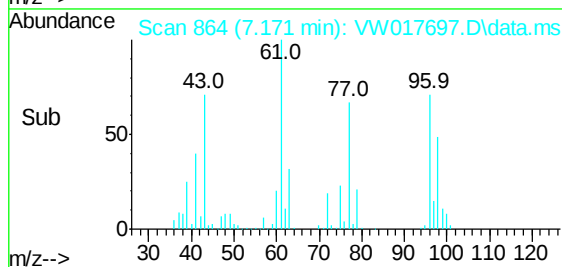
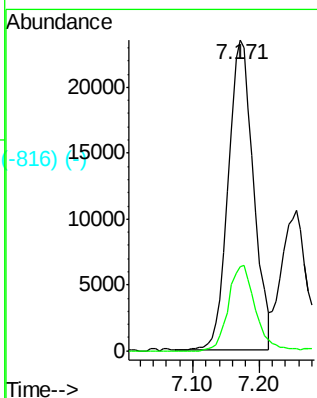
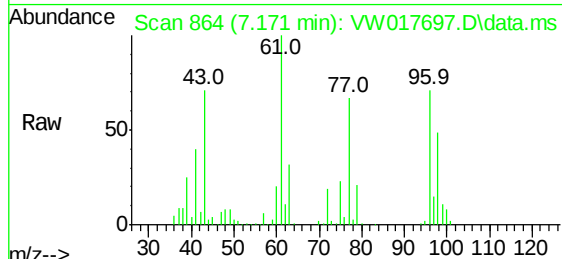
2-Butanone
Concen: 76.41 ug/l
RT: 7.171 min Scan# 864
Delta R.T. -0.006 min
Lab File: VW017697.D
Acq: 22 Dec 2020 11:33

Instrument :
MSVOA_W
ClientSampleId :
VW1222SBS01

Tgt Ion: 43 Resp: 62190
Ion Ratio Lower Upper
43 100
72 27.2 25.4 38.2

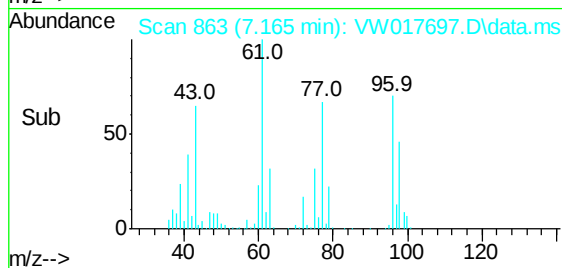
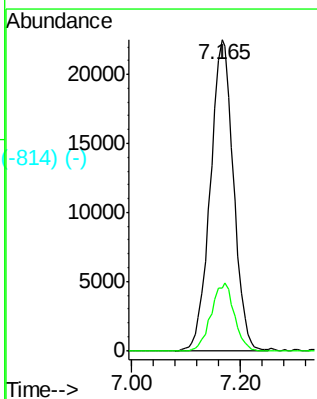
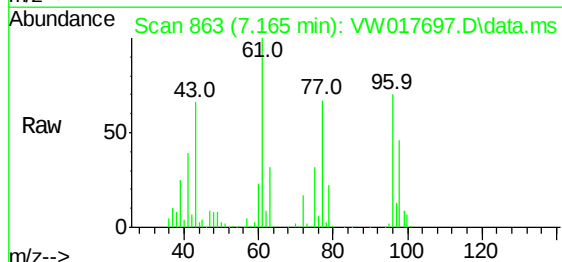
Manual Integrations
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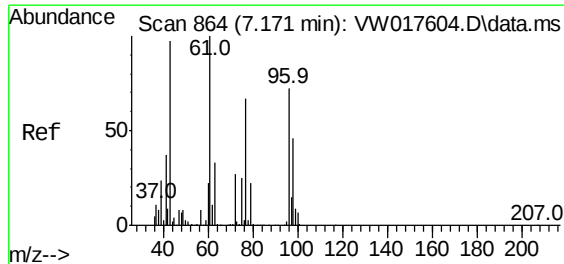
MMDadoda
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2,2-Dichloropropane
Concen: 17.26 ug/l
RT: 7.165 min Scan# 863
Delta R.T. 0.000 min
Lab File: VW017697.D
Acq: 22 Dec 2020 11:33

Tgt Ion: 77 Resp: 66333
Ion Ratio Lower Upper
77 100
97 21.6 12.4 37.4





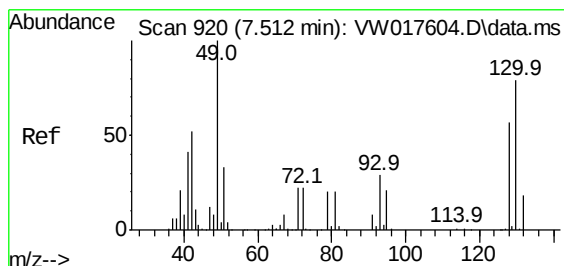
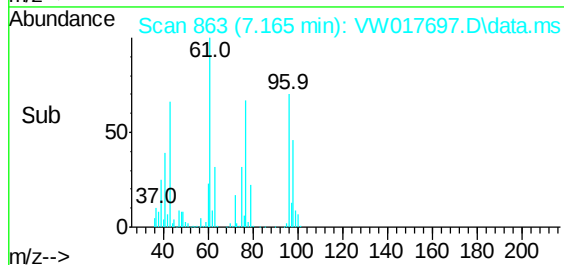
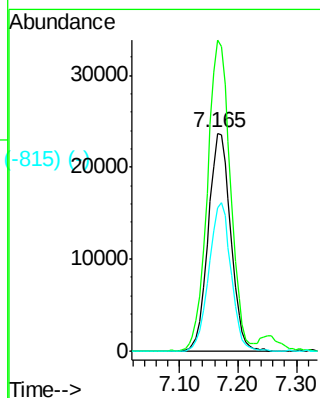
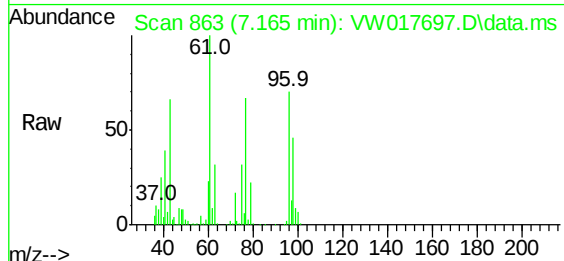
cis-1,2-Dichloroethene
 Concen: 20.28 ug/l
 RT: 7.165 min Scan# 863
 Delta R.T. -0.006 min
 Lab File: VW017697.D
 Acq: 22 Dec 2020 11:33

Tgt Ion:	96	Resp:	62678
Ion	Ratio	Lower	Upper
96	100		
61	146.0	0.0	249.6
98	66.9	0.0	129.4

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1222SBS01

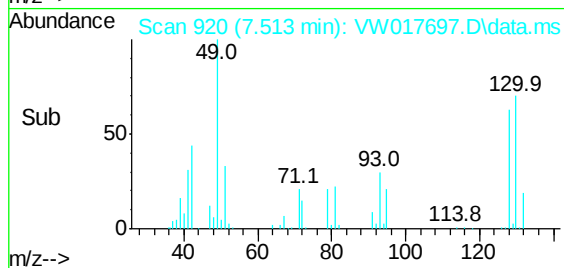
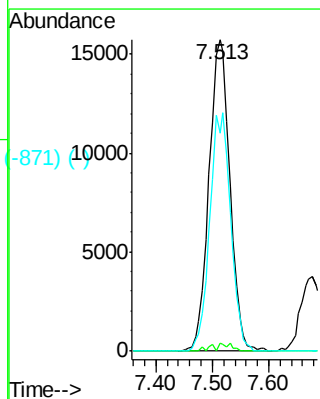
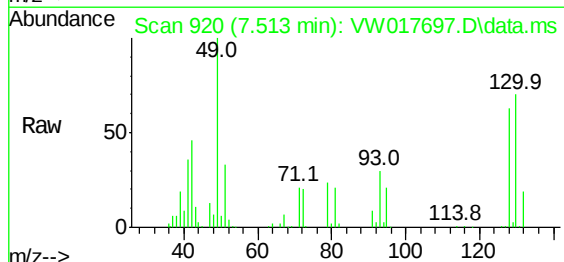
Manual Integrations
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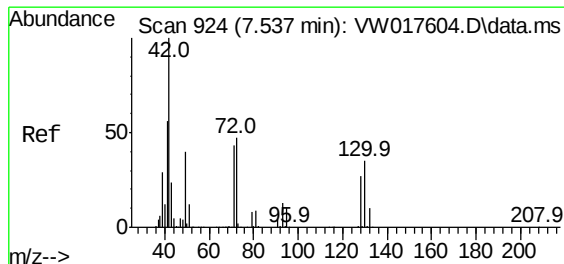
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Bromochloromethane
 Concen: 18.90 ug/l
 RT: 7.513 min Scan# 920
 Delta R.T. 0.001 min
 Lab File: VW017697.D
 Acq: 22 Dec 2020 11:33

Tgt Ion:	49	Resp:	39947
Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	4.8
130	76.5	81.3	121.9#





Tetrahydrofuran
Concen: 83.46 ug/l
RT: 7.531 min Scan# 923
Delta R.T. -0.006 min
Lab File: VW017697.D
Acq: 22 Dec 2020 11:33

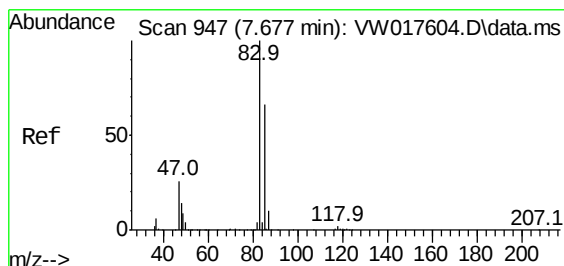
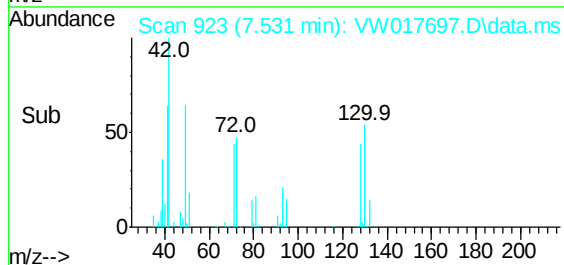
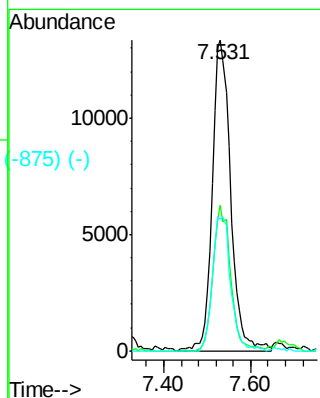
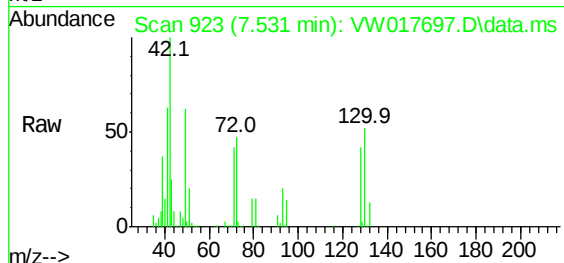
Tgt Ion: 42 Resp: 38211

Ion	Ratio	Lower	Upper
42	100		
72	44.8	42.0	63.0
71	42.9	39.0	58.6

Instrument :
MSVOA_W
ClientSampleId :
VW1222SBS01

Manual Integrations
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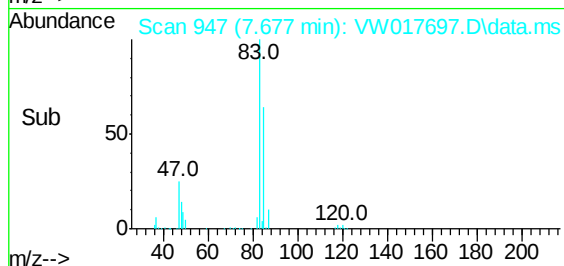
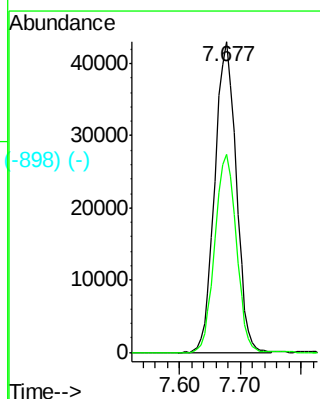
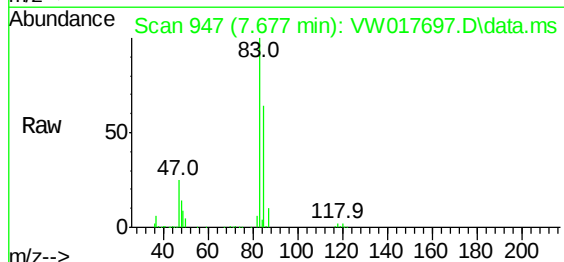
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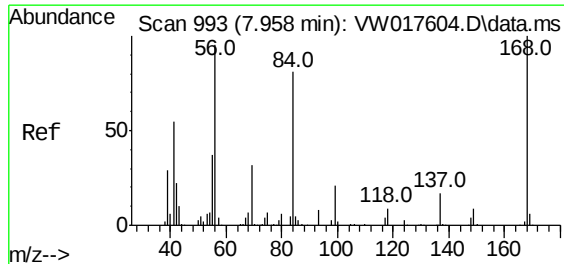


Chloroform
Concen: 20.50 ug/l
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW017697.D
Acq: 22 Dec 2020 11:33

Tgt Ion: 83 Resp: 103498

Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.7	77.5





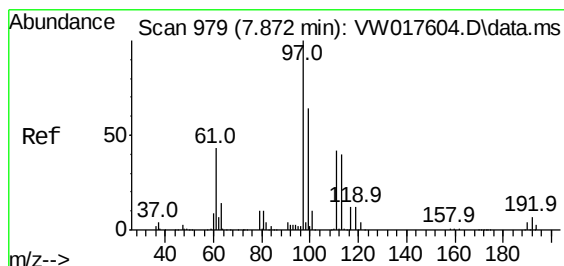
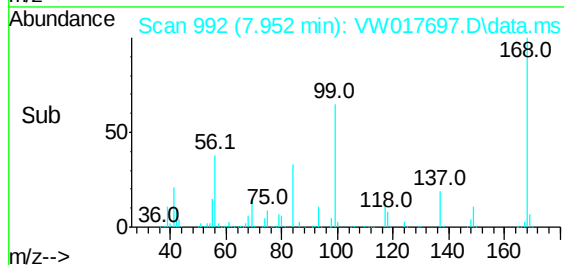
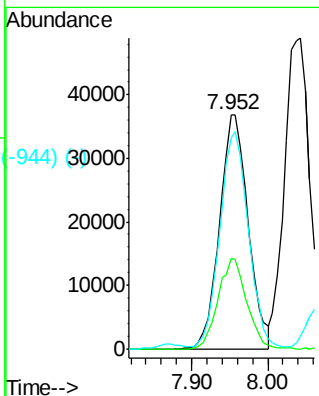
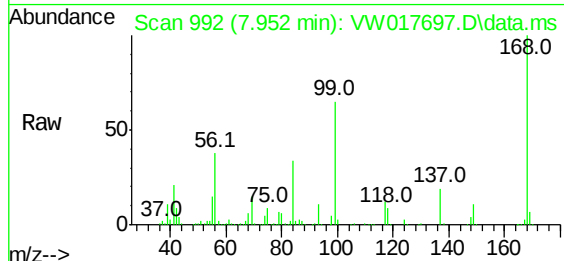
Cyclohexane
Concen: 19.82 ug/l
RT: 7.952 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW017697.D
Acq: 22 Dec 2020 11:33

Instrument :
MSVOA_W
ClientSampleId :
VW1222SBS01

Tgt Ion: 56 Resp: 96180
Ion Ratio Lower Upper
56 100
69 38.8 29.3 43.9
84 88.5 80.5 120.7

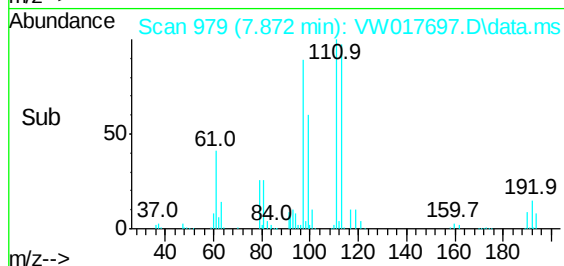
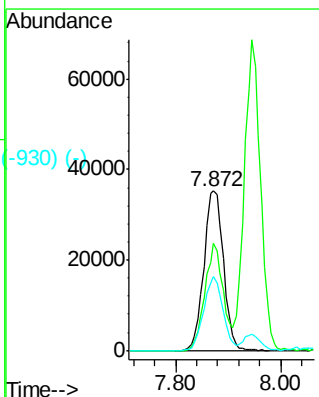
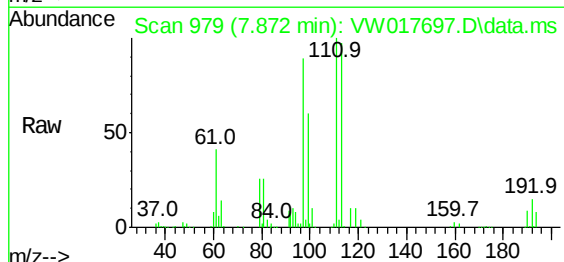
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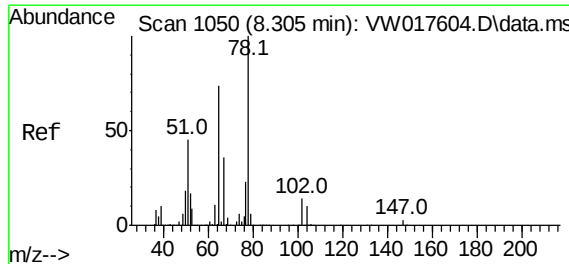
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1,1,1-Trichloroethane
Concen: 21.07 ug/l
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW017697.D
Acq: 22 Dec 2020 11:33

Tgt Ion: 97 Resp: 90910
Ion Ratio Lower Upper
97 100
99 63.7 52.4 78.6
61 45.5 31.9 47.9





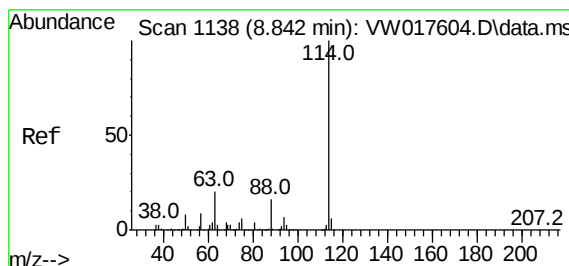
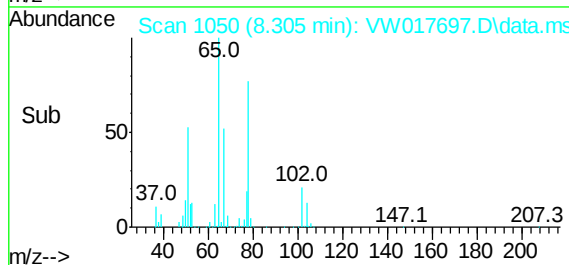
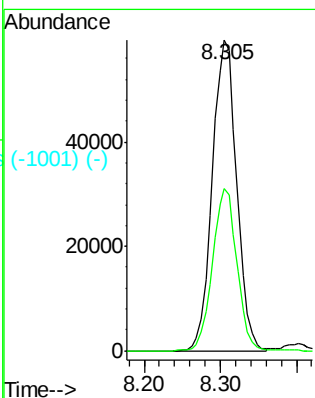
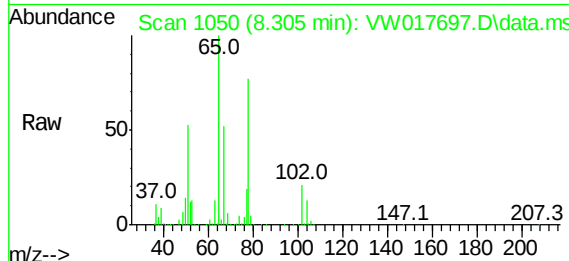
(#1084) (-)
1,2-Dichloroethane-d4
Concen: 47.05 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW017697.D
Acq: 22 Dec 2020 11:33

Tgt Ion: 65 Resp: 132174
Ion Ratio Lower Upper
65 100
67 52.2 0.0 103.8

Instrument :
MSVOA_W
ClientSampleId :
VW1222SBS01

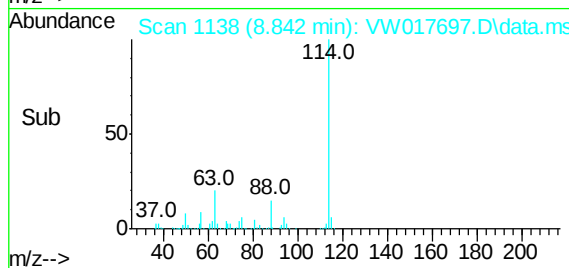
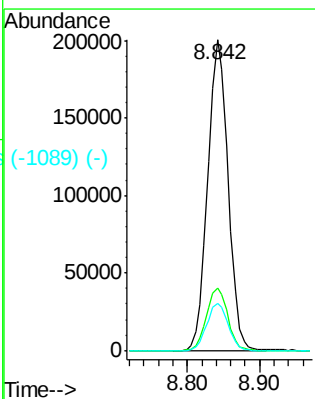
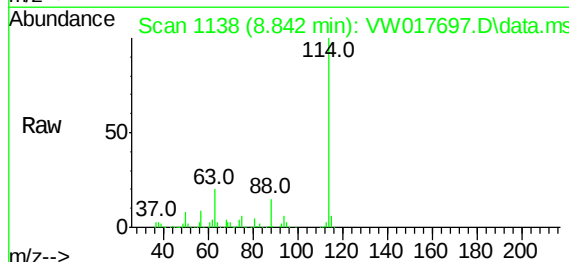
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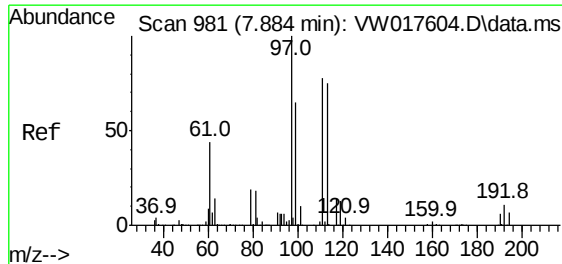
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(#1128) (-)
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. -0.000 min
Lab File: VW017697.D
Acq: 22 Dec 2020 11:33

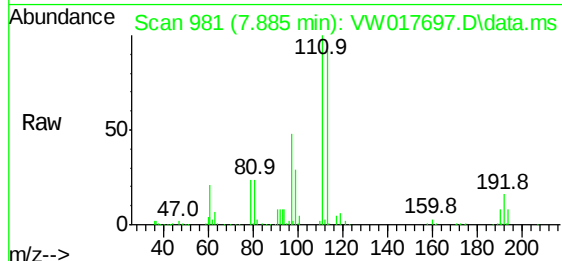
Tgt Ion:114 Resp: 386942
Ion Ratio Lower Upper
114 100
63 20.2 0.0 35.6
88 15.3 0.0 30.4



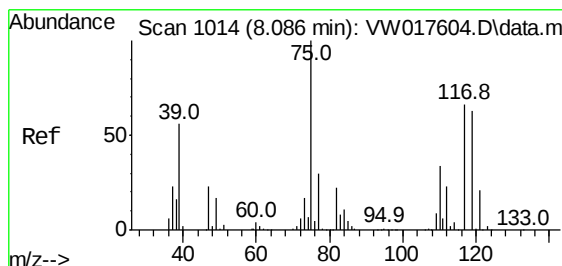
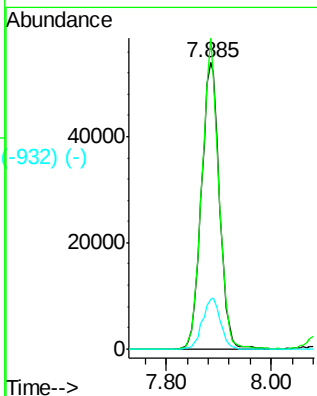
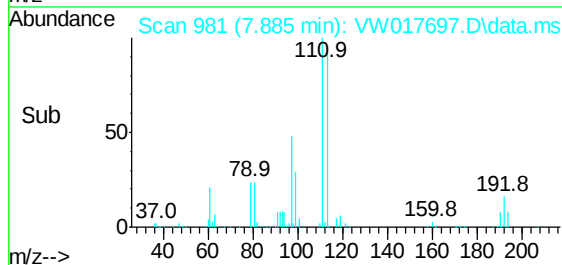


#935 (-)
Dibromofluoromethane
Concen: 50.00 ug/l
RT: 7.885 min Scan# 981
Delta R.T. 0.001 min
Lab File: VW017697.D
Acq: 22 Dec 2020 11:33

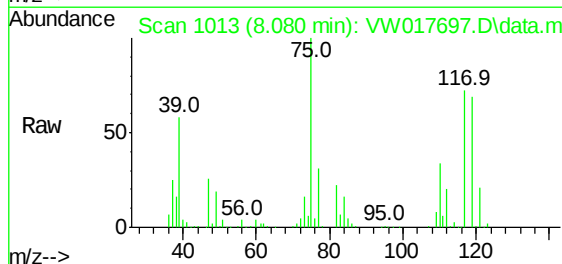
Instrument :
MSVOA_W
ClientSampleId :
VW1222SBS01



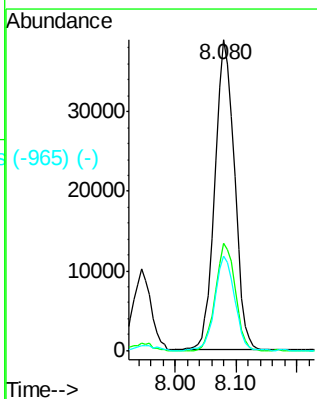
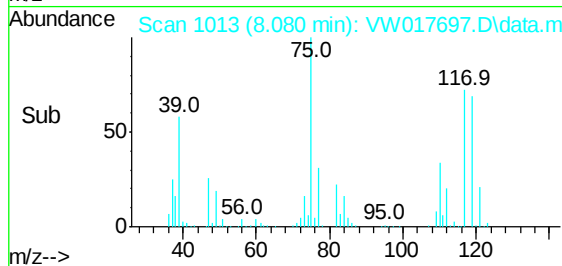
Tgt Ion:113 Resp: 128027
Ion Ratio Lower Upper
113 100
111 101.0 81.4 122.2
192 17.5 17.8 26.8#

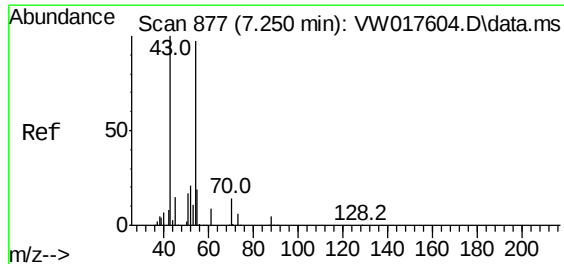


#1001 (-)
1,1-Dichloropropene
Concen: 21.18 ug/l
RT: 8.080 min Scan# 1013
Delta R.T. -0.006 min
Lab File: VW017697.D
Acq: 22 Dec 2020 11:33



Tgt Ion: 75 Resp: 85783
Ion Ratio Lower Upper
75 100
110 34.7 19.3 57.9
77 30.6 25.0 37.6





Ethyl Acetate
Concen: 16.37 ug/l
RT: 7.257 min Scan# 878
Delta R.T. 0.007 min
Lab File: VW017697.D
Acq: 22 Dec 2020 11:33

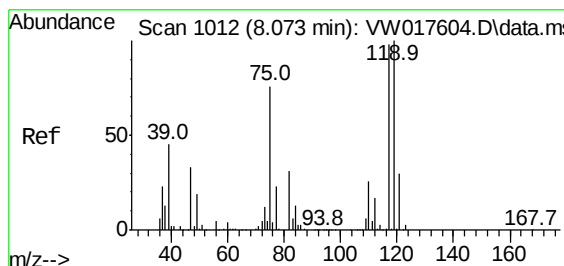
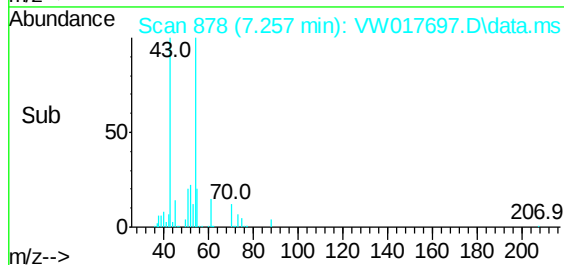
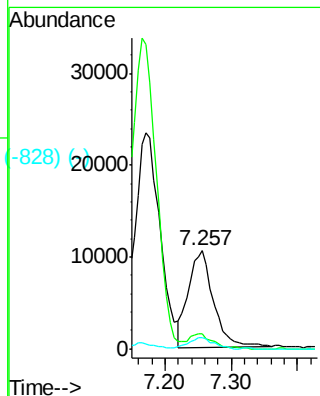
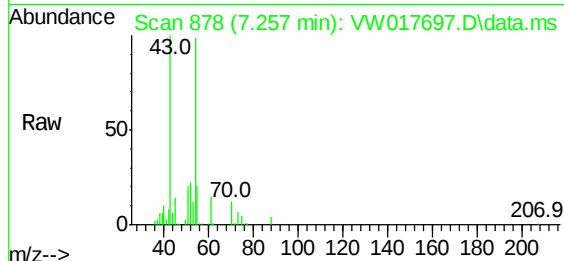
Tgt Ion: 43 Resp: 27718

Ion	Ratio	Lower	Upper
43	100		
61	15.0	12.0	18.0
70	11.4	9.9	14.9

Instrument :
MSVOA_W
ClientSampleId :
VW1222SBS01

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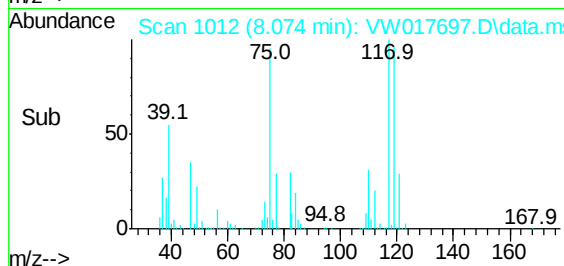
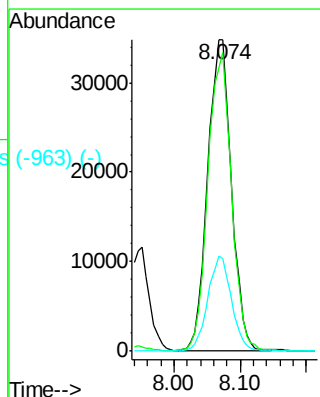
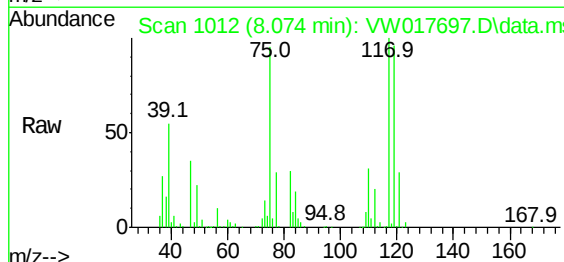
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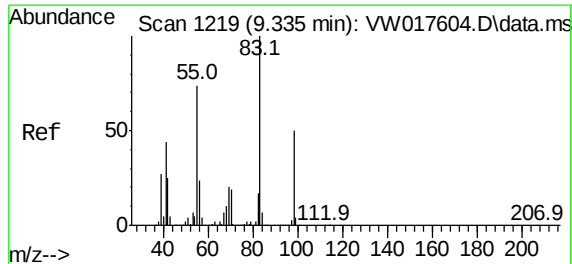


Carbon Tetrachloride
Concen: 21.17 ug/l
RT: 8.074 min Scan# 1012
Delta R.T. 0.001 min
Lab File: VW017697.D
Acq: 22 Dec 2020 11:33

Tgt Ion: 117 Resp: 86209

Ion	Ratio	Lower	Upper
117	100		
119	95.7	81.6	122.4
121	29.4	25.7	38.5



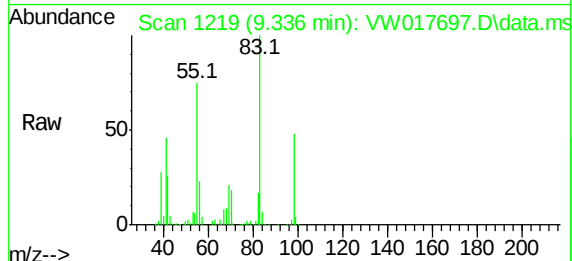


(#136) (-)
Methylcyclohexane
Concen: 21.07 ug/l
RT: 9.336 min Scan# 1219
Delta R.T. 0.001 min
Lab File: VW017697.D
Acq: 22 Dec 2020 11:33

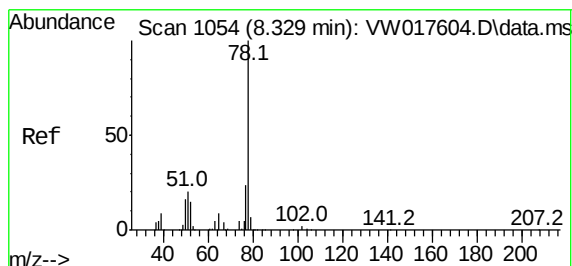
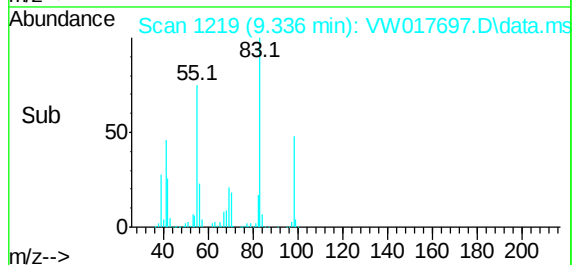
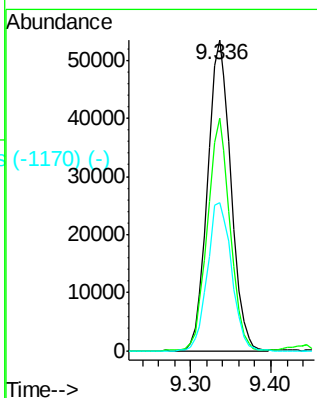
Instrument :
MSVOA_W
ClientSampleId :
VW1222SBS01

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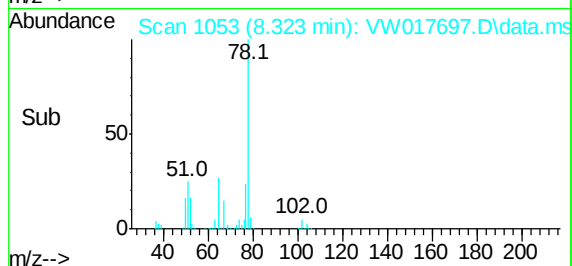
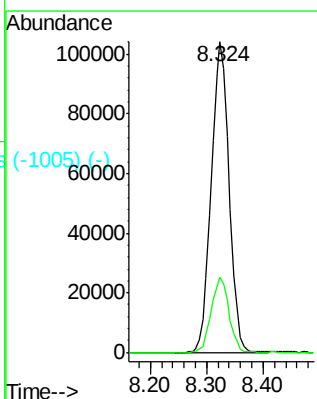
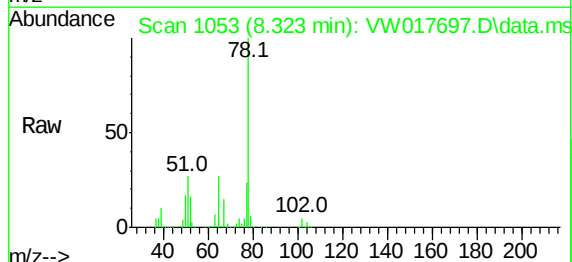


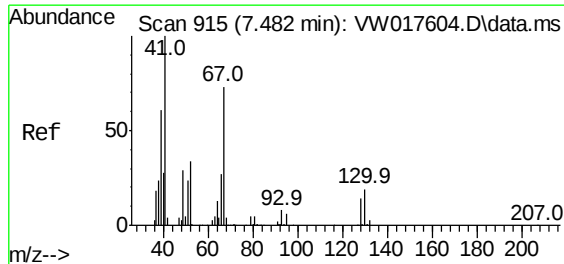
Tgt Ion: 83 Resp: 108111
Ion Ratio Lower Upper
83 100
55 74.8 51.7 77.5
98 47.9 41.0 61.4



(#109) (-)
Benzene
Concen: 21.15 ug/l
RT: 8.323 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VW017697.D
Acq: 22 Dec 2020 11:33

Tgt Ion: 78 Resp: 226998
Ion Ratio Lower Upper
78 100
77 24.3 18.5 27.7





Methacrylonitrile
Concen: 18.11 ug/l
RT: 7.476 min Scan# 914
Delta R.T. -0.006 min
Lab File: VW017697.D
Acq: 22 Dec 2020 11:33

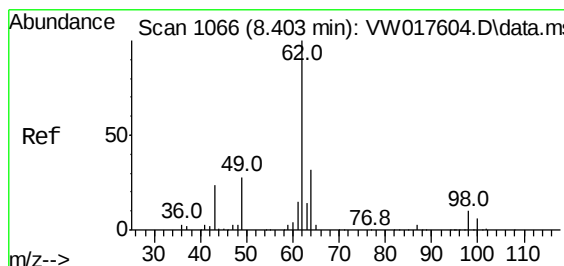
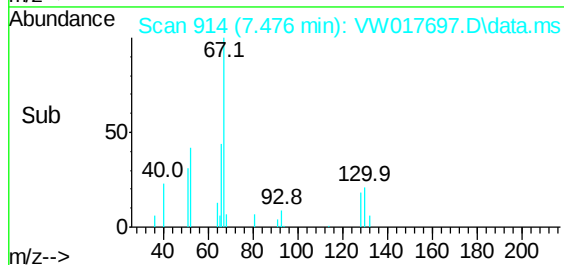
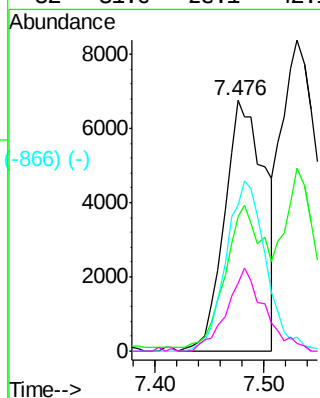
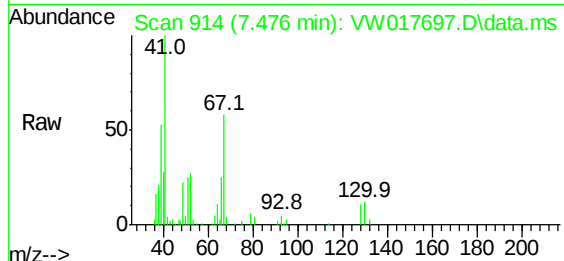
Tgt Ion: 41 Resp: 17323

Ion	Ratio	Lower	Upper
41	100		
39	54.9	47.0	70.6
67	67.1	68.6	102.8#
52	31.0	28.1	42.1

Instrument :
MSVOA_W
ClientSampleId :
VW1222SBS01

Manual Integrations
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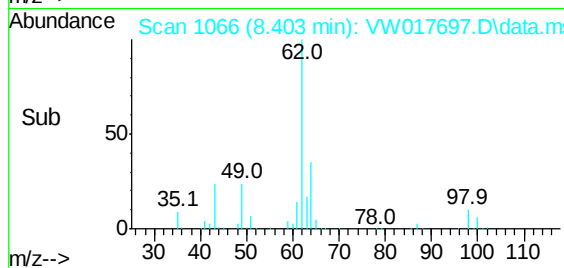
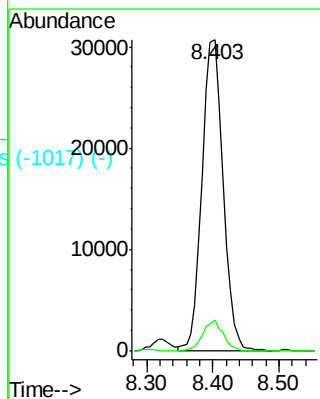
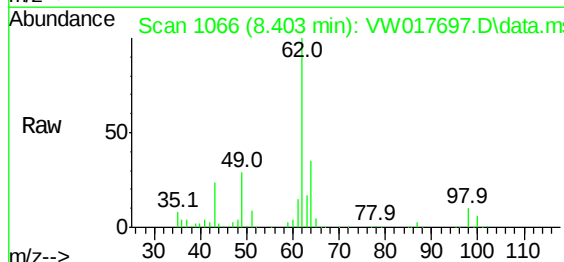
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12/23/2020 3:25:30 PM

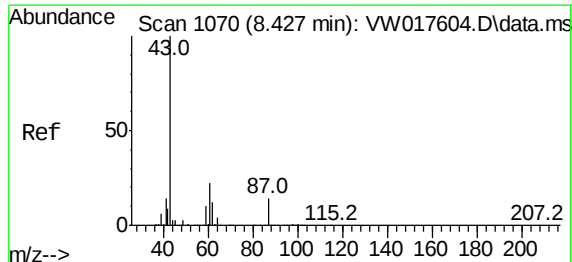


1,2-Dichloroethane
Concen: 20.69 ug/l
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW017697.D
Acq: 22 Dec 2020 11:33

Tgt Ion: 62 Resp: 67593

Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	21.0



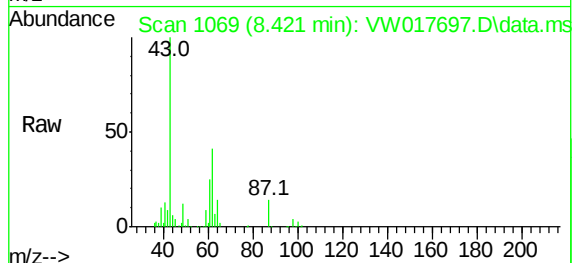


(#1061) (-)
Isopropyl Acetate
Concen: 17.10 ug/l
RT: 8.421 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VW017697.D
Acq: 22 Dec 2020 11:33

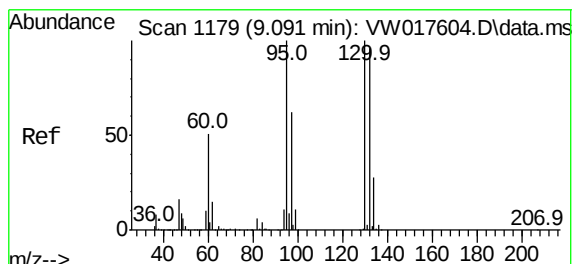
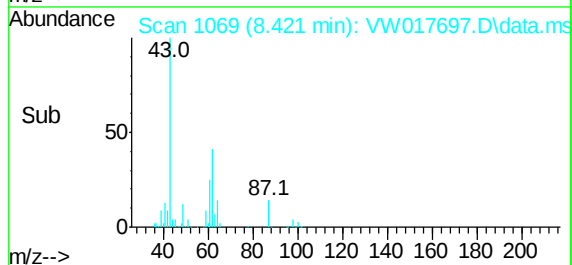
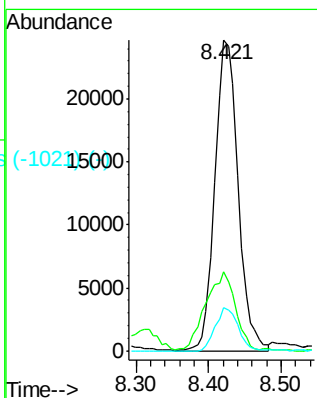
Instrument :
MSVOA_W
ClientSampleId :
VW1222SBS01

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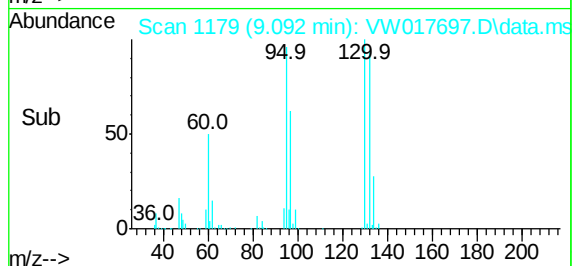
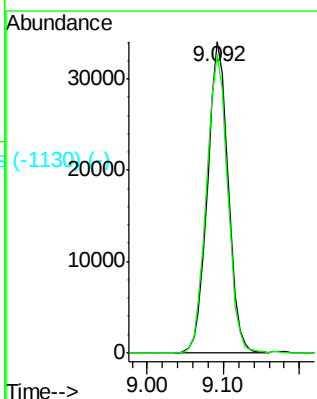
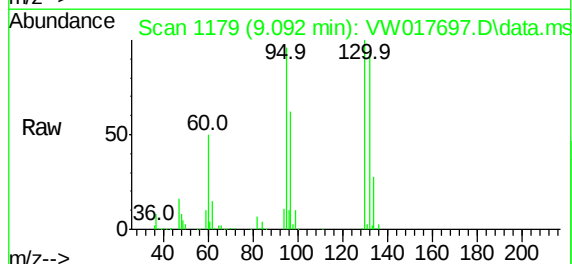


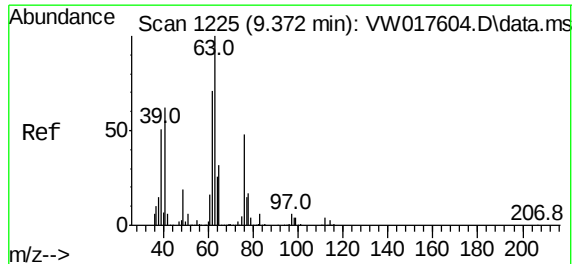
Tgt Ion: 43 Resp: 54327
Ion Ratio Lower Upper
43 100
61 32.0 27.5 41.3
87 13.7 13.6 20.4



(#1169) (-)
Trichloroethene
Concen: 21.65 ug/l
RT: 9.092 min Scan# 1179
Delta R.T. 0.001 min
Lab File: VW017697.D
Acq: 22 Dec 2020 11:33

Tgt Ion:130 Resp: 64087
Ion Ratio Lower Upper
130 100
95 95.9 0.0 180.2



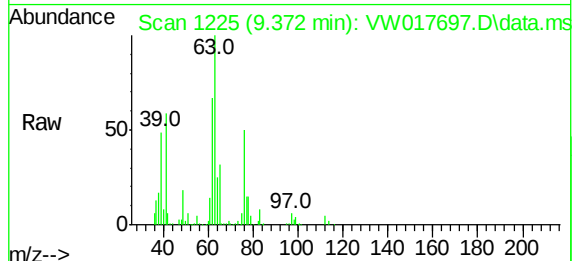


(#113) (-)
1,2-Dichloropropane
Concen: 20.85 ug/l
RT: 9.372 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VW017697.D
Acq: 22 Dec 2020 11:33

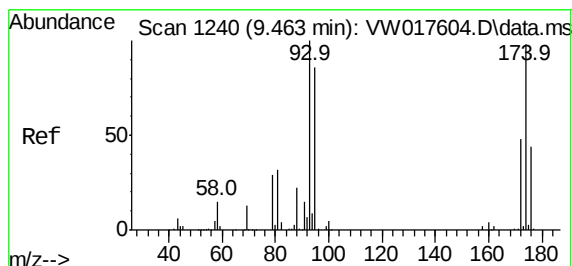
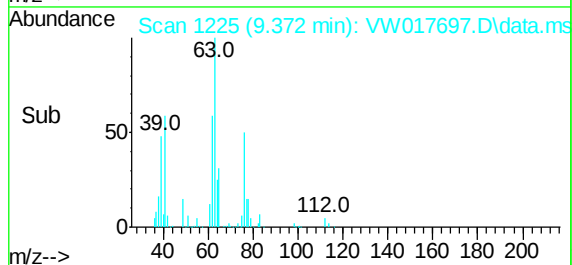
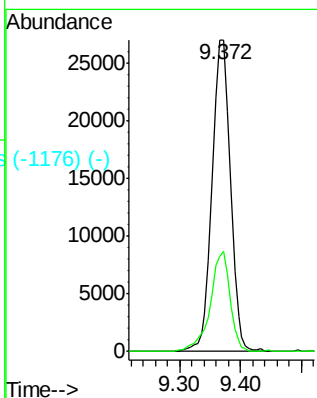
Instrument :
MSVOA_W
ClientSampleId :
VW1222SBS01

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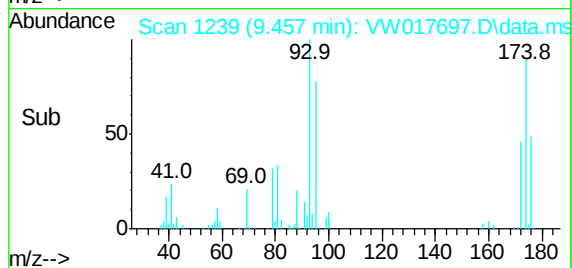
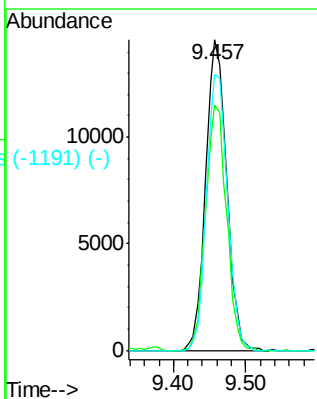
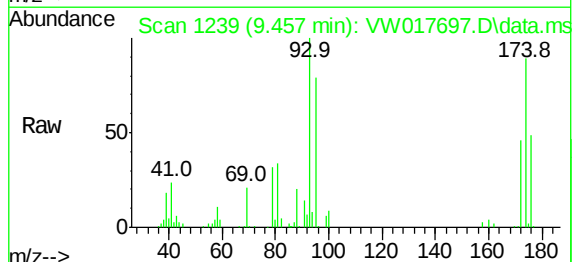


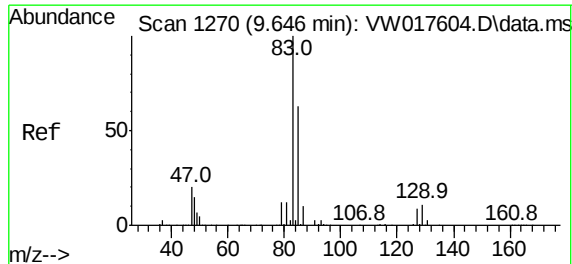
Tgt Ion: 63 Resp: 55220
Ion Ratio Lower Upper
63 100
65 32.0 25.1 37.7



(#1129) (-)
Dibromomethane
Concen: 19.65 ug/l
RT: 9.457 min Scan# 1239
Delta R.T. -0.006 min
Lab File: VW017697.D
Acq: 22 Dec 2020 11:33

Tgt Ion: 93 Resp: 29118
Ion Ratio Lower Upper
93 100
95 79.1 66.5 99.7
174 89.0 91.0 136.6#



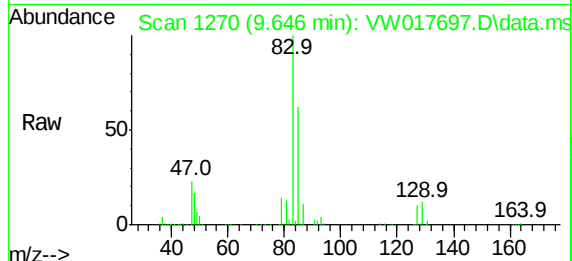


(#1258) (-)
Bromodichloromethane
Concen: 20.16 ug/l
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW017697.D
Acq: 22 Dec 2020 11:33

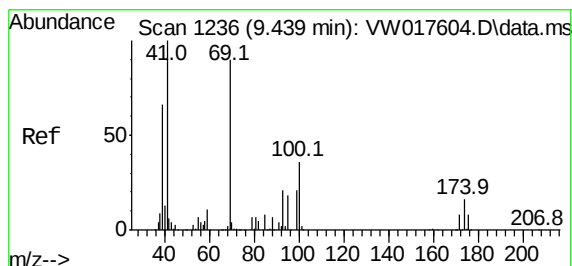
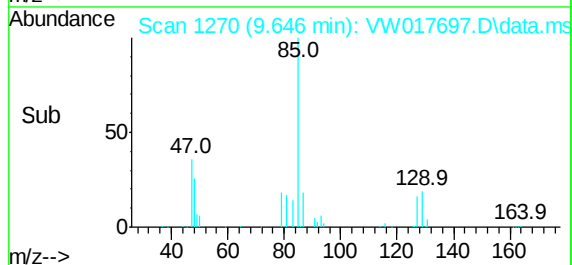
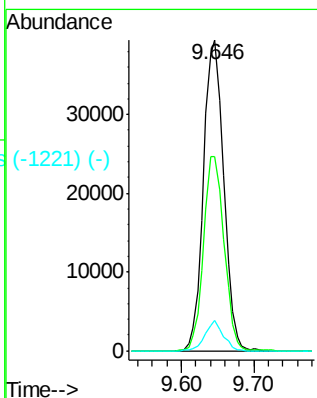
Instrument :
MSVOA_W
ClientSampleId :
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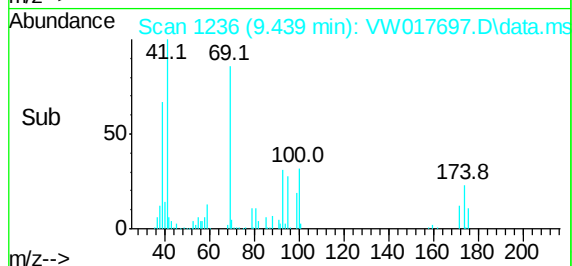
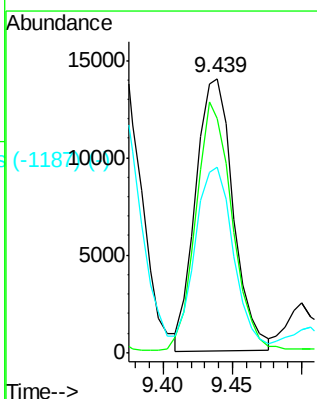
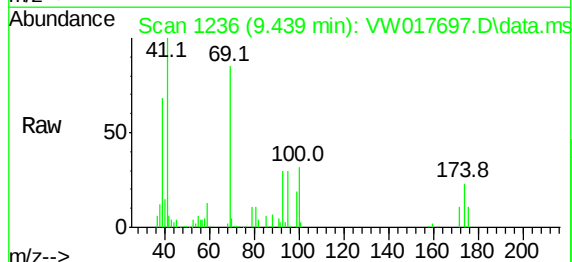


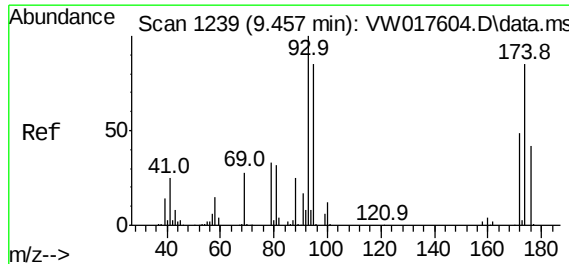
Tgt Ion: 83 Resp: 76140
Ion Ratio Lower Upper
83 100
85 62.4 52.7 79.1
127 9.9 7.8 11.6



(#1230) (-)
Methyl methacrylate
Concen: 16.92 ug/l
RT: 9.439 min Scan# 1236
Delta R.T. 0.000 min
Lab File: VW017697.D
Acq: 22 Dec 2020 11:33

Tgt Ion: 41 Resp: 26365
Ion Ratio Lower Upper
41 100
69 90.8 83.5 125.3
39 63.2 50.9 76.3



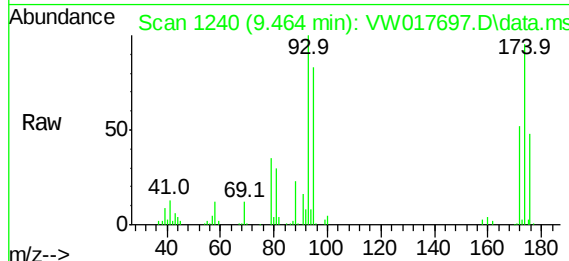


#1230 (-)
1,4-Dioxane
Concen: 391.31 ug/l
RT: 9.464 min Scan# 1240
Delta R.T. 0.007 min
Lab File: VW017697.D
Acq: 22 Dec 2020 11:33

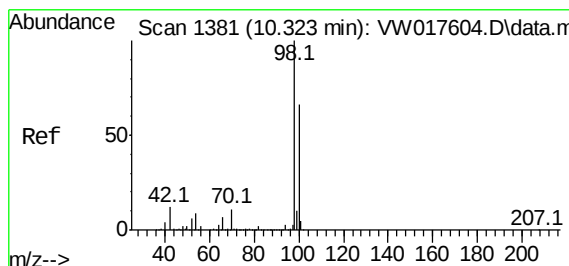
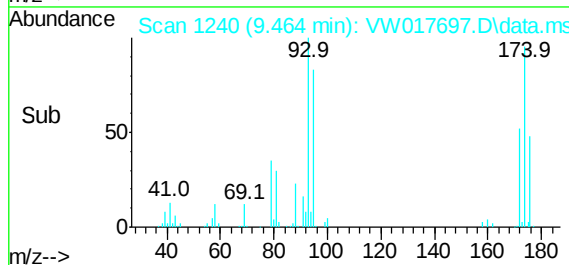
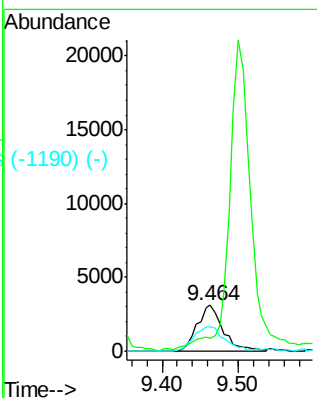
Instrument :
MSVOA_W
ClientSampleId :
VW1222SBS01

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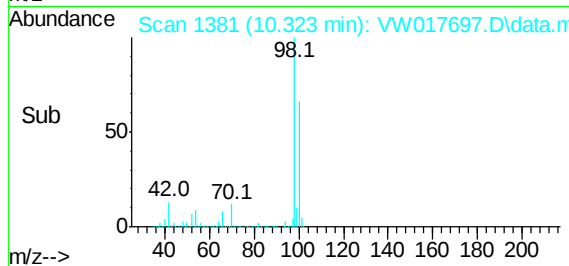
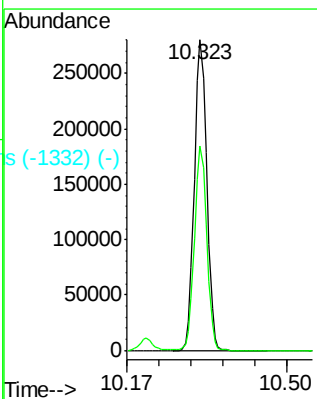
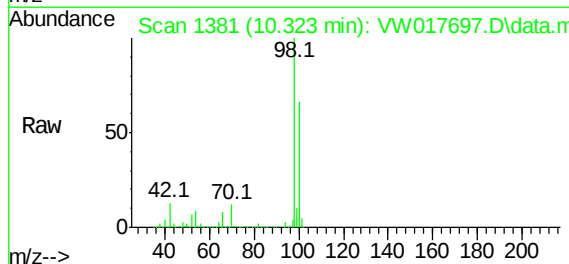


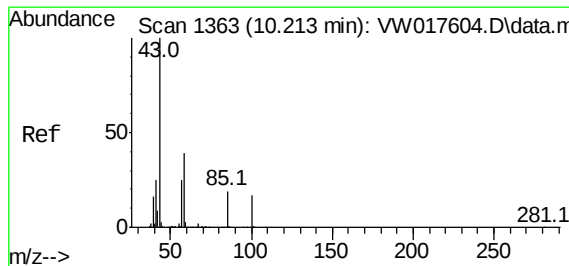
Tgt Ion: 88 Resp: 7172
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 62.5 54.0 81.0



#5171 (-)
Toluene-d8
Concen: 50.03 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VW017697.D
Acq: 22 Dec 2020 11:33

Tgt Ion: 98 Resp: 498768
Ion Ratio Lower Upper
98 100
100 65.3 53.3 79.9



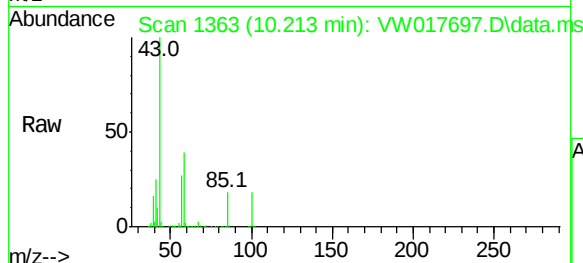


#51853 (-)
4-Methyl-2-Pentanone
Concen: 81.59 ug/l
RT: 10.213 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VW017697.D
Acq: 22 Dec 2020 11:33

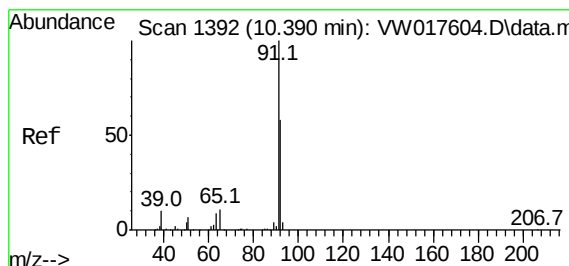
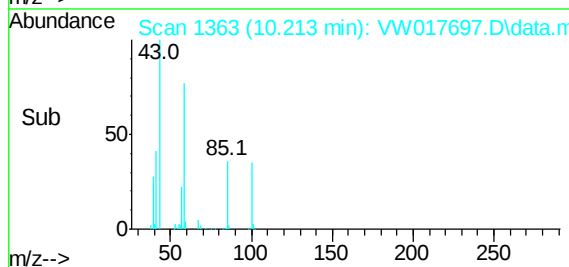
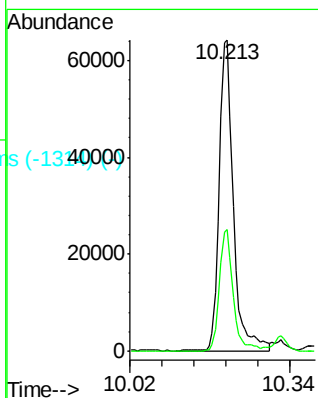
Instrument :
MSVOA_W
ClientSampleId :
VW1222SBS01

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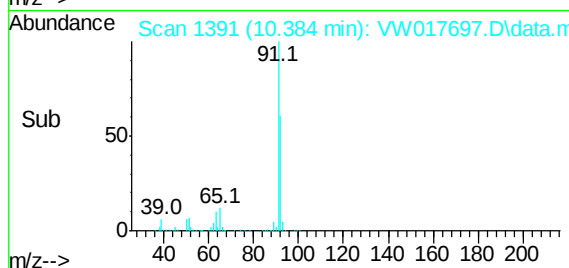
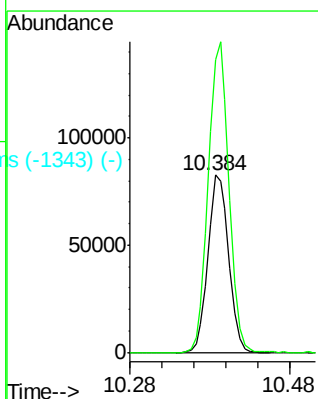
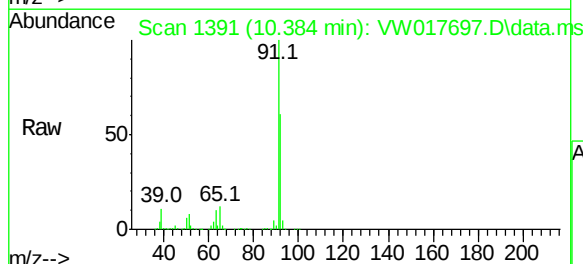


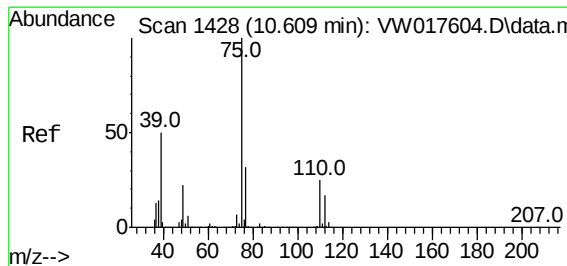
Tgt Ion: 43 Resp: 128983
Ion Ratio Lower Upper
43 100
58 37.5 34.7 52.1



#51883 (-)
Toluene
Concen: 21.14 ug/l
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW017697.D
Acq: 22 Dec 2020 11:33

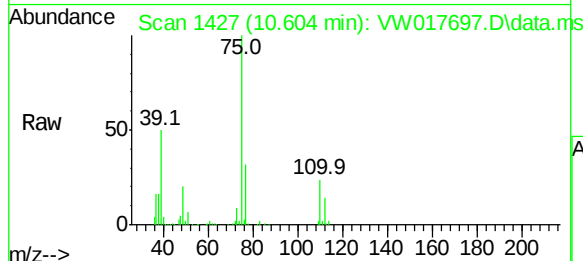
Tgt Ion: 92 Resp: 148370
Ion Ratio Lower Upper
92 100
91 174.7 134.7 202.1





#53
t-1,3-Dichloropropene
Concen: 18.55 ug/l
RT: 10.604 min Scan# 1427
Delta R.T. -0.005 min
Lab File: VW017697.D
Acq: 22 Dec 2020 11:33

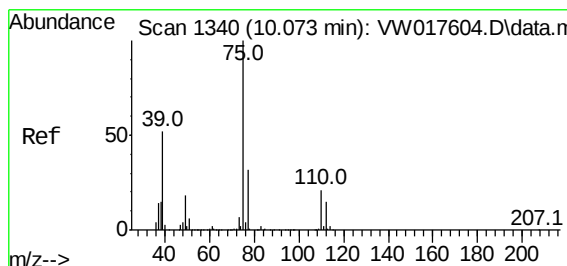
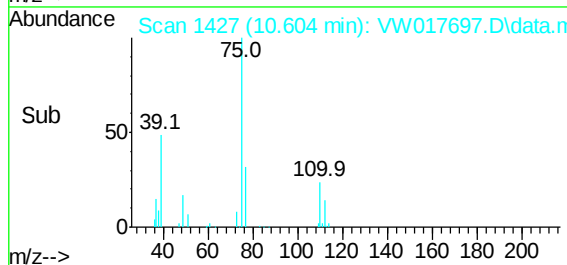
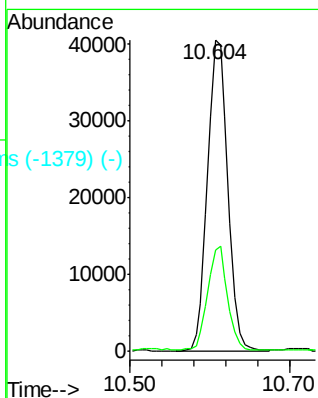
Instrument :
MSVOA_W
ClientSampleId :
VW1222SBS01



Tgt Ion: 75 Resp: 71703
Ion Ratio Lower Upper
75 100
77 32.3 24.8 37.2

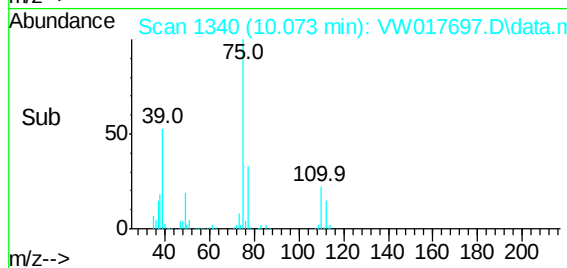
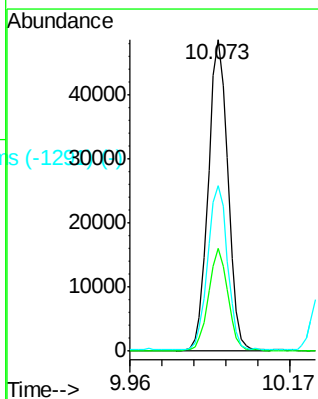
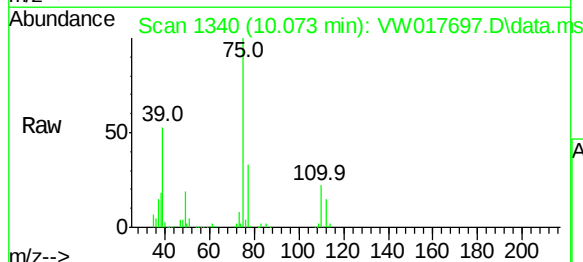
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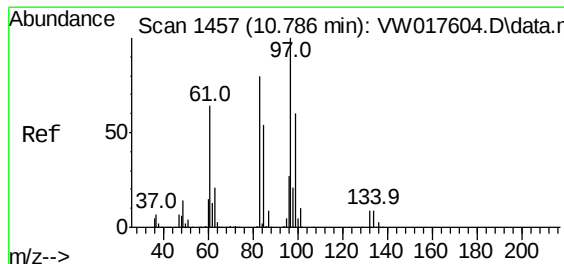
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#54
cis-1,3-Dichloropropene
Concen: 19.36 ug/l
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW017697.D
Acq: 22 Dec 2020 11:33

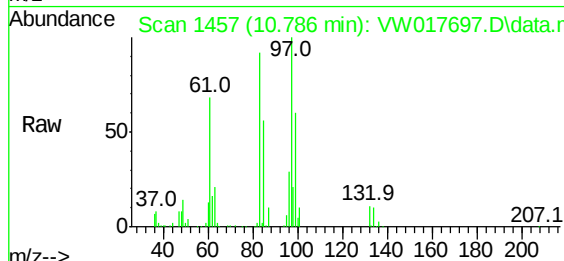
Tgt Ion: 75 Resp: 86508
Ion Ratio Lower Upper
75 100
77 32.7 25.8 38.6
39 52.7 32.9 49.3#





#5450 (-)
1,1,2-Trichloroethane
Concen: 19.22 ug/l
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW017697.D
Acq: 22 Dec 2020 11:33

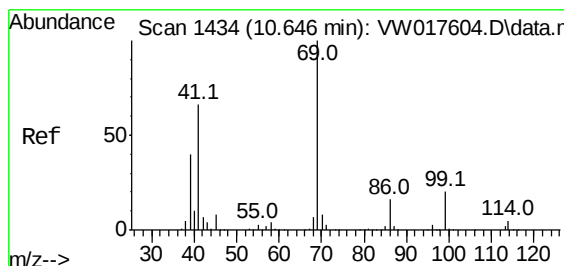
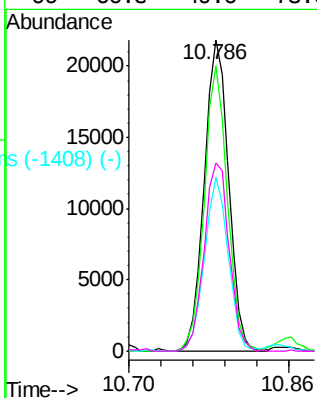
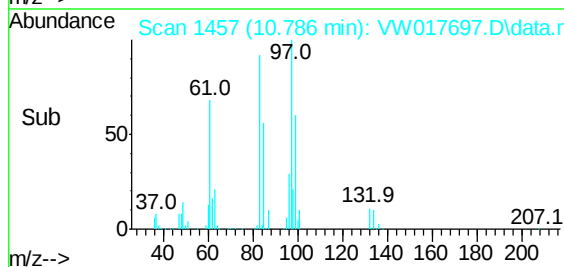
Instrument :
MSVOA_W
ClientSampleId :
VW1222SBS01



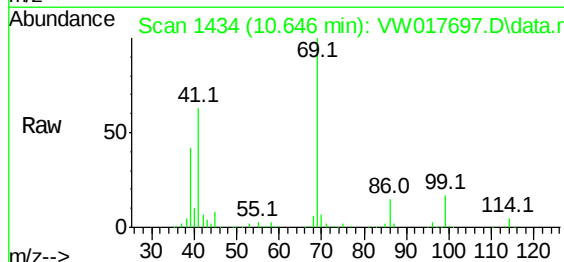
Tgt Ion:	97	Resp:	38081
Ion	Ratio	Lower	Upper
97	100		
83	92.0	64.6	97.0
85	56.0	40.6	61.0
99	60.3	49.0	73.6

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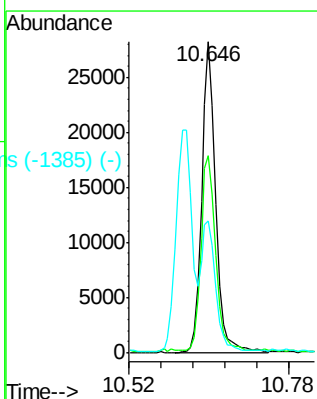
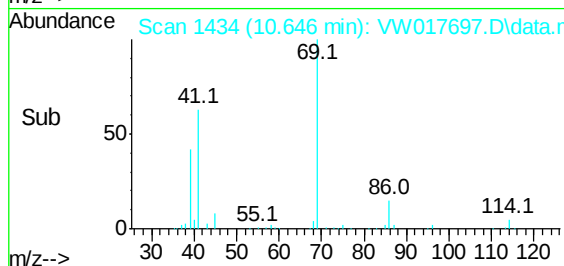
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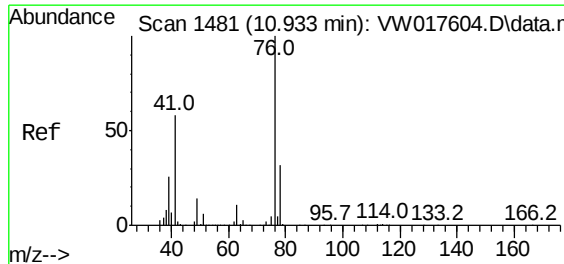


#5423 (-)
Ethyl methacrylate
Concen: 17.60 ug/l
RT: 10.646 min Scan# 1434
Delta R.T. 0.000 min
Lab File: VW017697.D
Acq: 22 Dec 2020 11:33



Tgt Ion:	69	Resp:	45059
Ion	Ratio	Lower	Upper
69	100		
41	66.1	46.3	69.5
39	43.3	25.9	38.9#





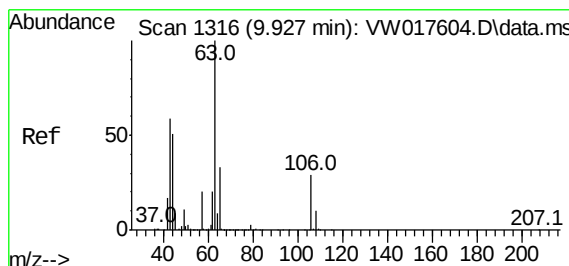
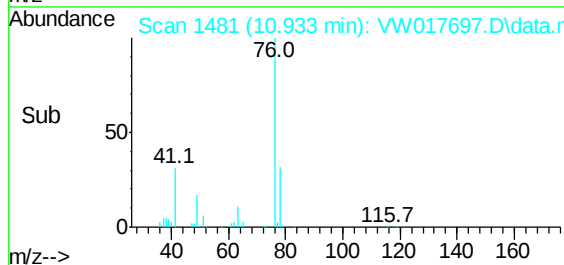
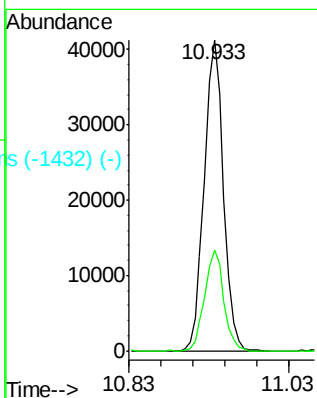
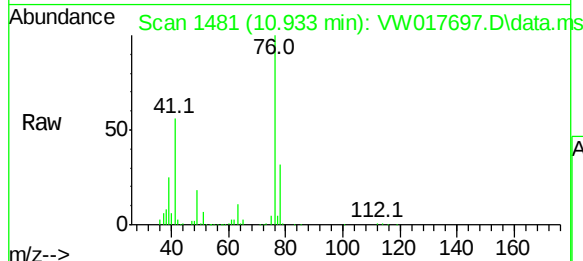
1,3-Dichloropropane
Concen: 19.63 ug/l
RT: 10.933 min Scan# 1481
Delta R.T. -0.000 min
Lab File: VW017697.D
Acq: 22 Dec 2020 11:33

Tgt Ion: 76 Resp: 68696
Ion Ratio Lower Upper
76 100
78 32.3 26.0 39.0

Instrument :
MSVOA_W
ClientSampleId :
VW1222SBS01

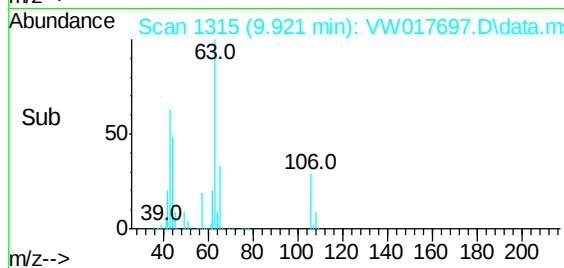
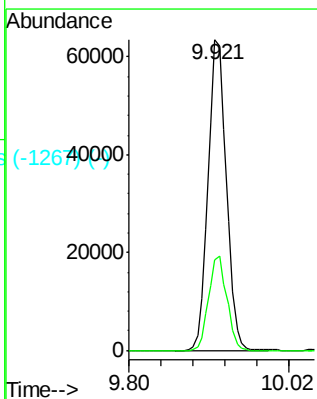
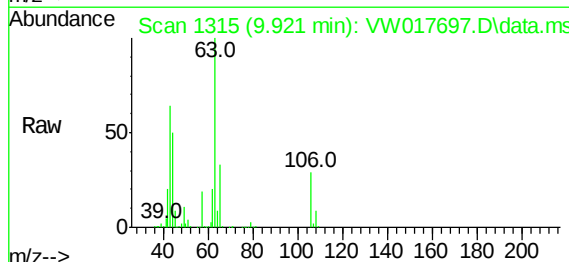
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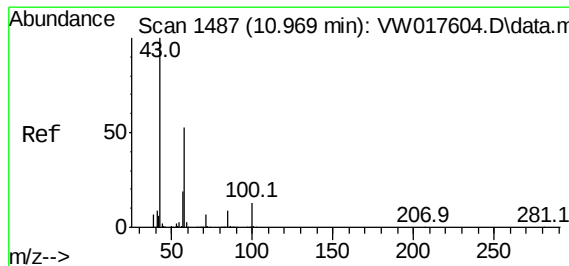
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2-Chloroethyl Vinyl ether
Concen: 90.20 ug/l
RT: 9.921 min Scan# 1315
Delta R.T. -0.006 min
Lab File: VW017697.D
Acq: 22 Dec 2020 11:33

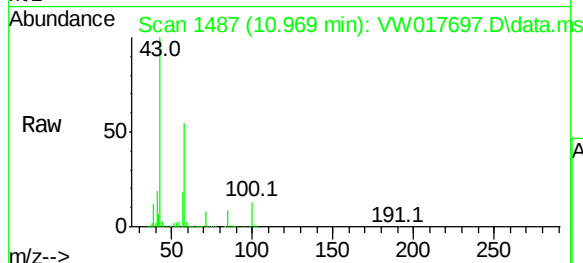
Tgt Ion: 63 Resp: 110394
Ion Ratio Lower Upper
63 100
106 30.3 27.0 40.4





2-Hexanone
Concen: 82.96 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW017697.D
Acq: 22 Dec 2020 11:33

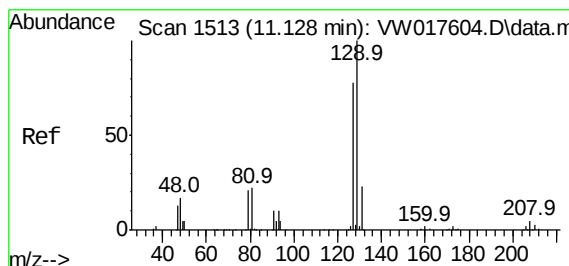
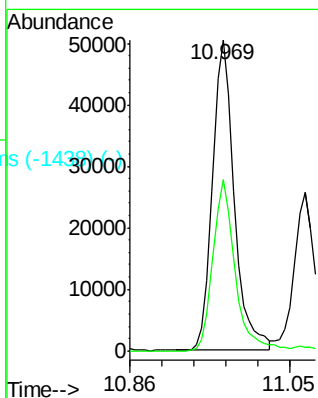
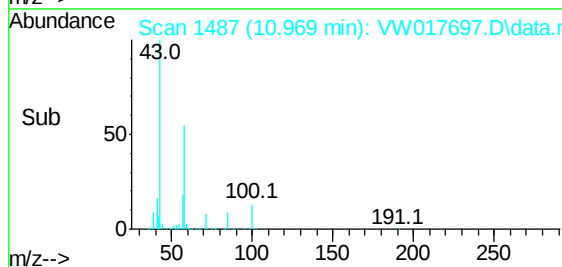
Instrument :
MSVOA_W
ClientSampleId :
VW1222SBS01



Tgt Ion: 43 Resp: 87741
Ion Ratio Lower Upper
43 100
58 56.2 29.5 88.5

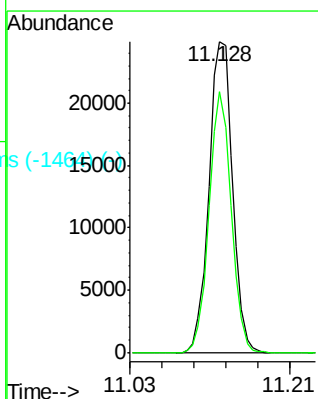
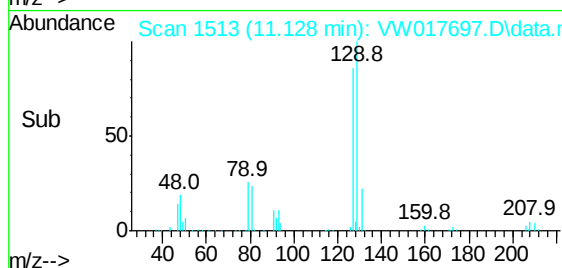
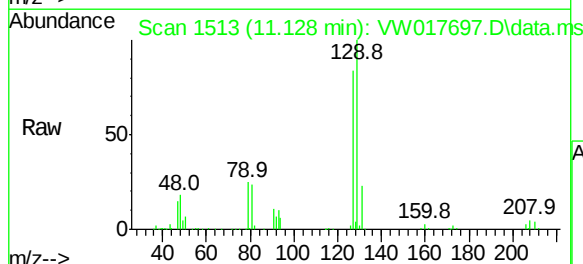
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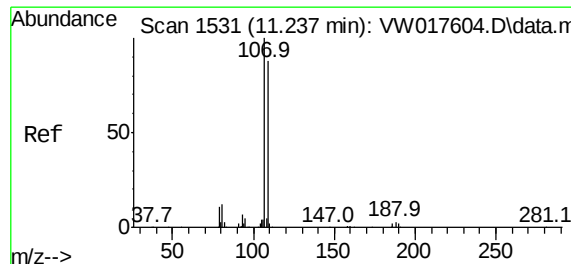
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Dibromochloromethane
Concen: 18.39 ug/l
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW017697.D
Acq: 22 Dec 2020 11:33

Tgt Ion: 129 Resp: 45595
Ion Ratio Lower Upper
129 100
127 78.9 38.9 116.6



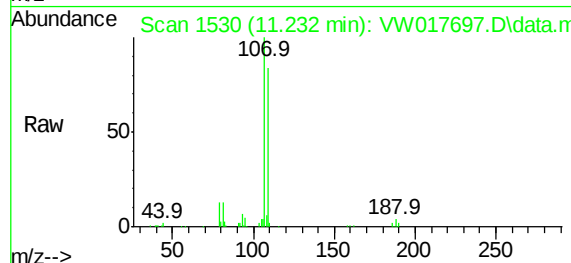


#61522 (-)
 1,2-Dibromoethane
 Concen: 19.01 ug/l
 RT: 11.232 min Scan# 1530
 Delta R.T. -0.005 min
 Lab File: VW017697.D
 Acq: 22 Dec 2020 11:33

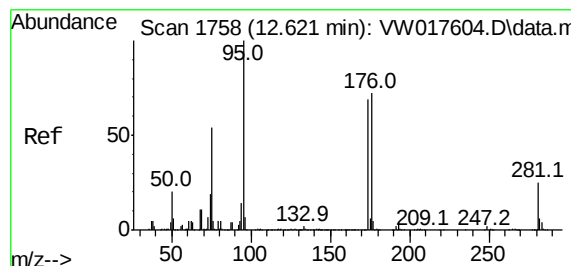
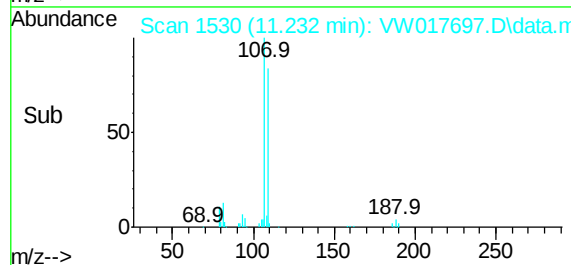
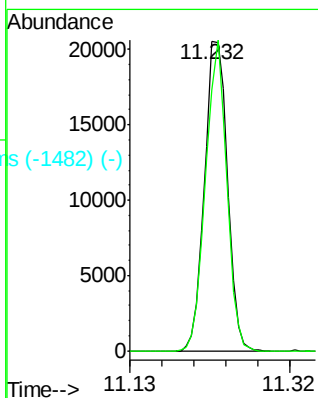
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1222SBS01

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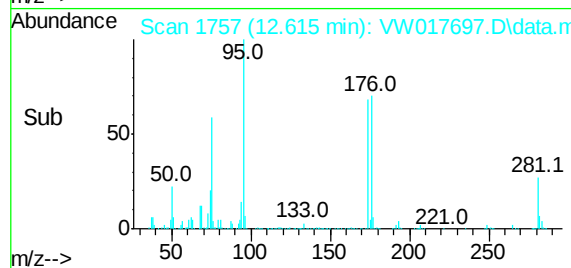
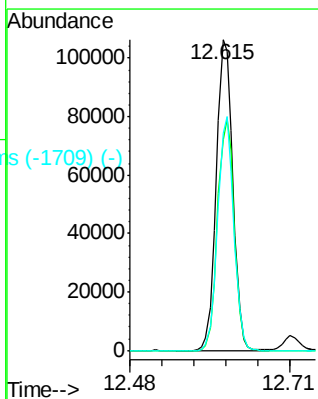
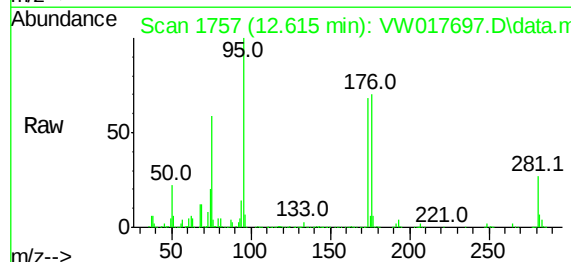


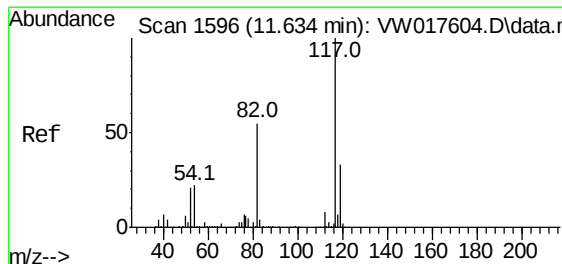
Tgt Ion: 107 Resp: 37220
 Ion Ratio Lower Upper
 107 100
 109 92.3 74.7 112.1



#61749 (-)
 4-Bromofluorobenzene
 Concen: 49.83 ug/l
 RT: 12.615 min Scan# 1757
 Delta R.T. -0.006 min
 Lab File: VW017697.D
 Acq: 22 Dec 2020 11:33

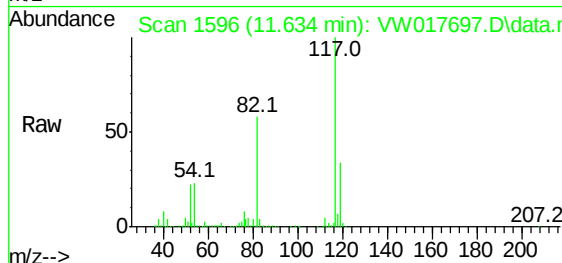
Tgt Ion: 95 Resp: 177365
 Ion Ratio Lower Upper
 95 100
 174 74.8 0.0 180.6
 176 73.0 0.0 177.6





#6386 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW017697.D
Acq: 22 Dec 2020 11:33

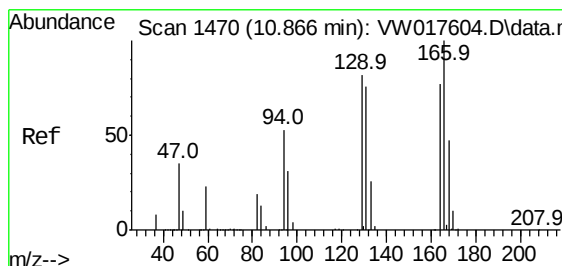
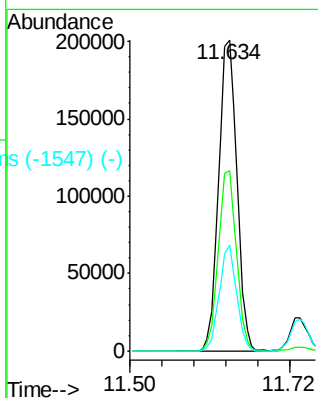
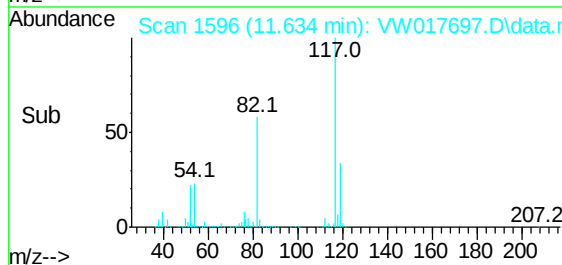
Instrument :
MSVOA_W
ClientSampleId :
VW1222SBS01



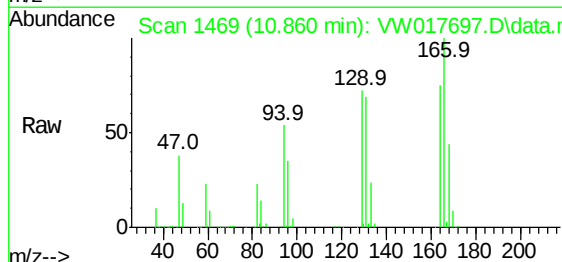
Tgt Ion:117 Resp: 346947
Ion Ratio Lower Upper
117 100
82 57.9 40.7 61.1
119 33.9 25.0 37.4

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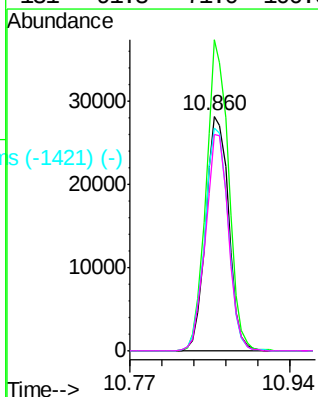
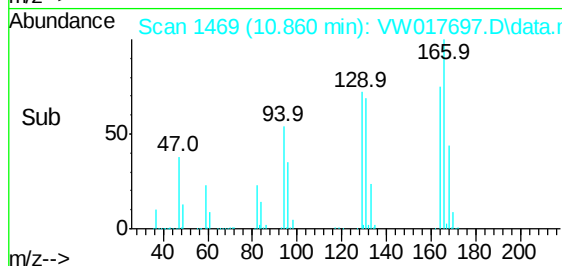
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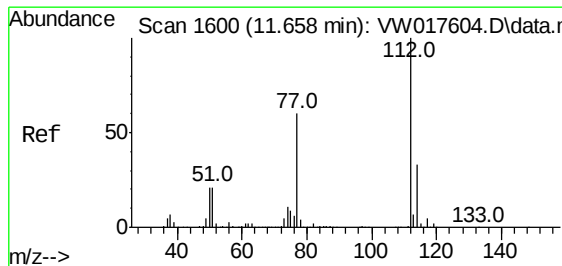


#6461 (-)
Tetrachloroethene
Concen: 21.12 ug/l
RT: 10.860 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW017697.D
Acq: 22 Dec 2020 11:33



Tgt Ion:164 Resp: 49971
Ion Ratio Lower Upper
164 100
166 132.5 105.3 157.9
129 95.1 68.8 103.2
131 91.8 71.0 106.6





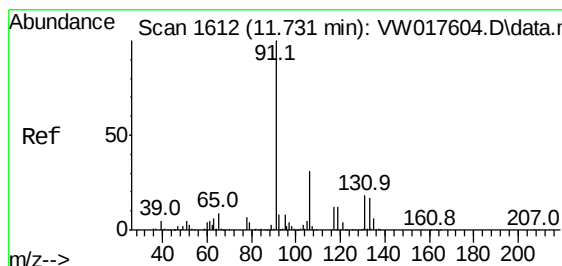
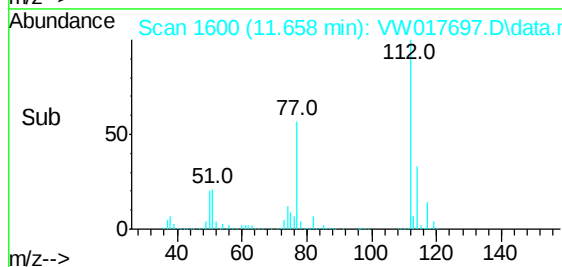
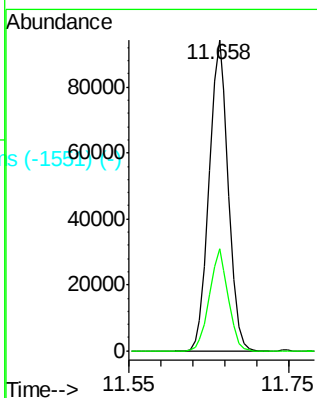
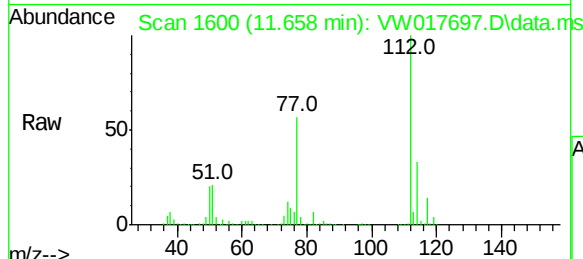
#6591 (-)
Chlorobenzene
Concen: 20.94 ug/l
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW017697.D
Acq: 22 Dec 2020 11:33

Tgt Ion:112 Resp: 156196
Ion Ratio Lower Upper
112 100
114 32.8 25.3 37.9

Instrument :
MSVOA_W
ClientSampleId :
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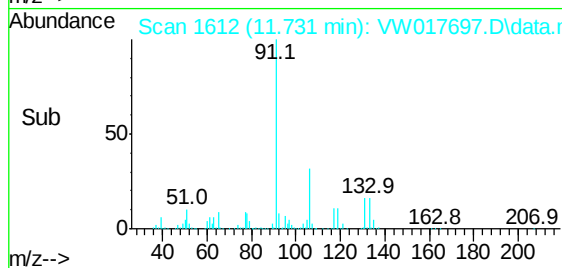
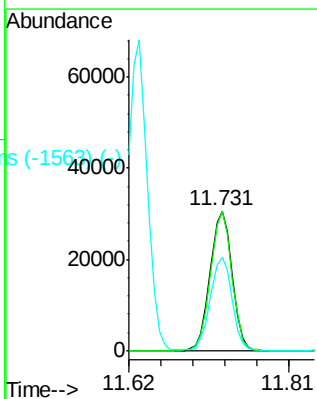
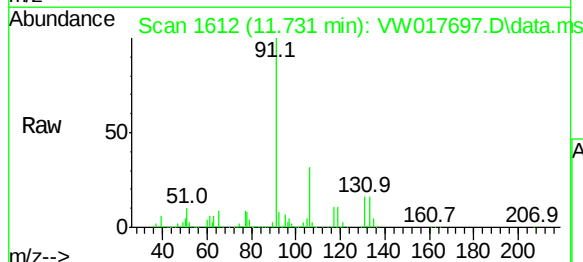
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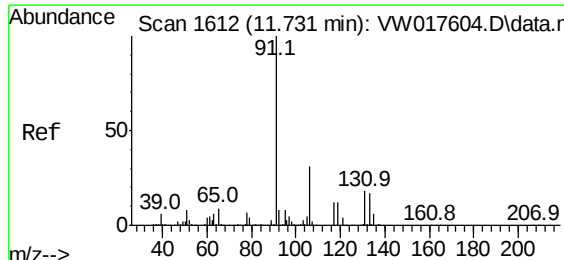
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#6602 (-)
1,1,1,2-Tetrachloroethane
Concen: 20.12 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW017697.D
Acq: 22 Dec 2020 11:33

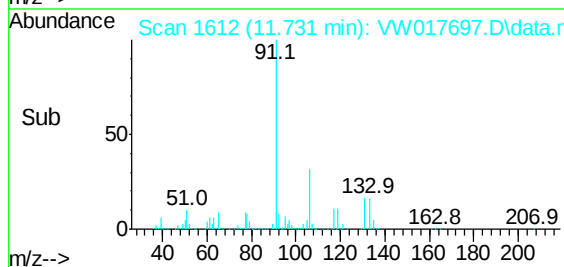
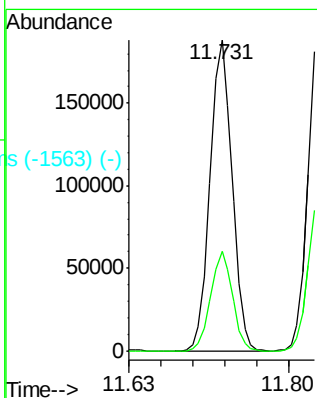
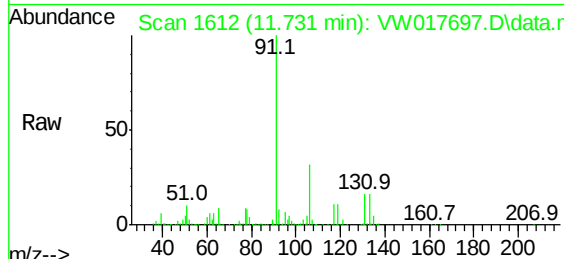
Tgt Ion:131 Resp: 53246
Ion Ratio Lower Upper
131 100
133 96.2 48.1 144.3
119 66.2 32.5 97.4





#67
Ethyl Benzene
Concen: 21.56 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW017697.D
Acq: 22 Dec 2020 11:33

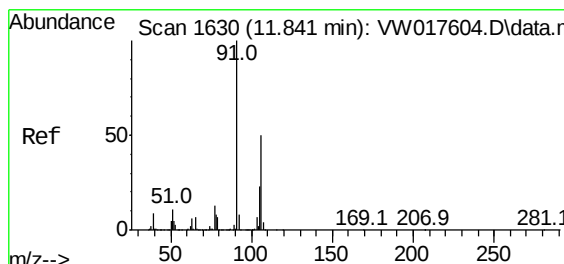
Tgt Ion: 91 Resp: 298816
Ion Ratio Lower Upper
91 100
106 31.8 25.9 38.9



Instrument :
MSVOA_W
ClientSampleId :
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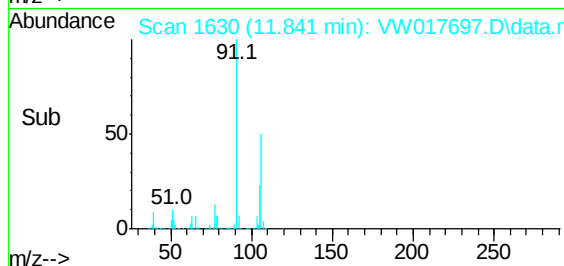
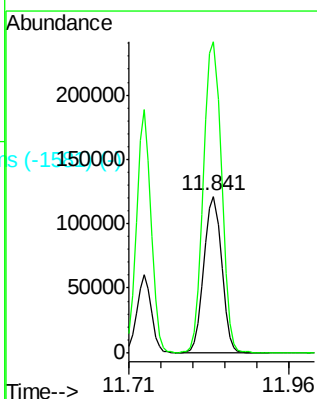
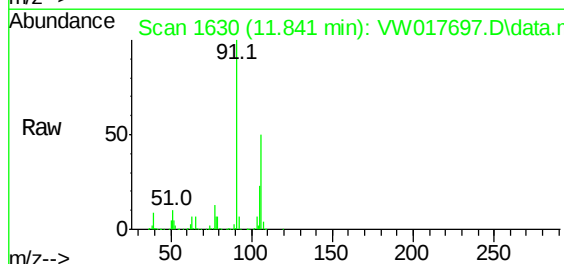
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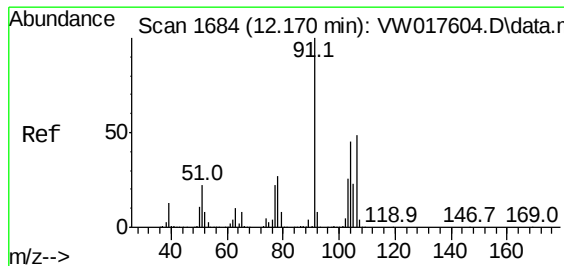
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#68
m/p-Xylenes
Concen: 42.60 ug/l
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW017697.D
Acq: 22 Dec 2020 11:33

Tgt Ion:106 Resp: 225119
Ion Ratio Lower Upper
106 100
91 202.8 157.4 236.0





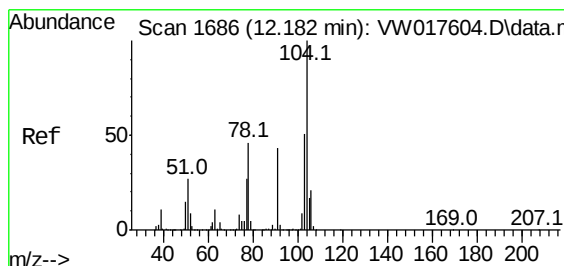
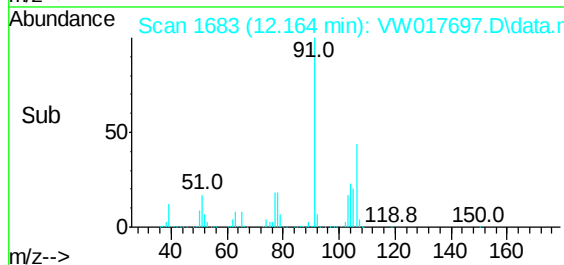
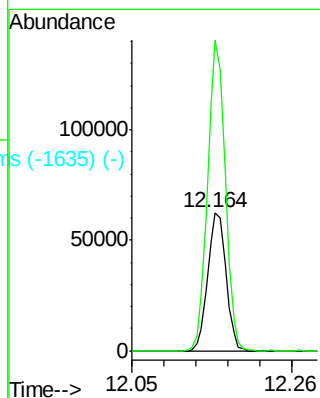
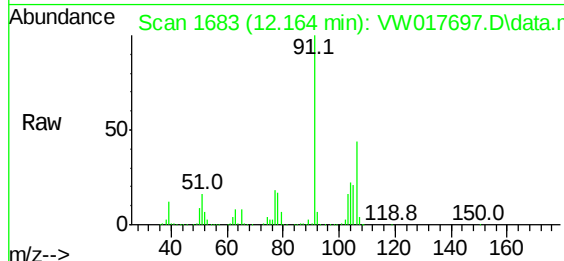
#6875 (-)
o-Xylene
Concen: 20.70 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. -0.006 min
Lab File: VW017697.D
Acq: 22 Dec 2020 11:33

Tgt Ion:106 Resp: 103195
Ion Ratio Lower Upper
106 100
91 218.1 103.6 310.9

Instrument :
MSVOA_W
ClientSampleId :
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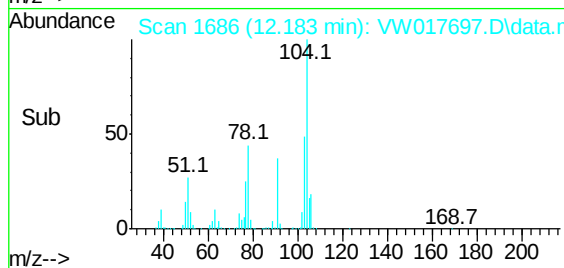
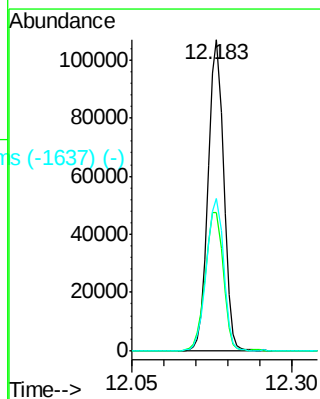
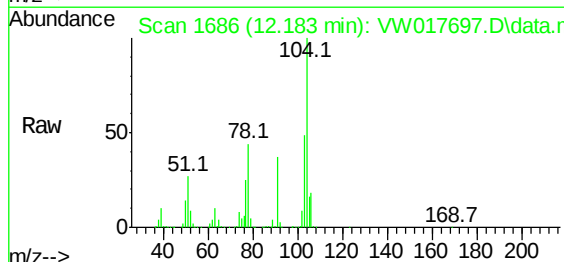
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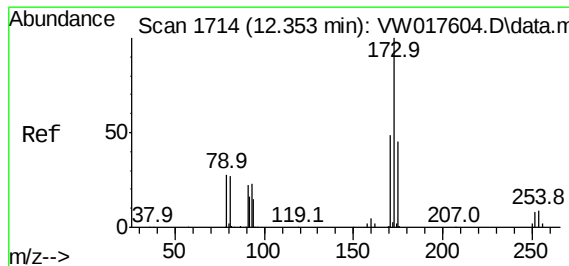
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#7076 (-)
Styrene
Concen: 20.81 ug/l
RT: 12.183 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VW017697.D
Acq: 22 Dec 2020 11:33

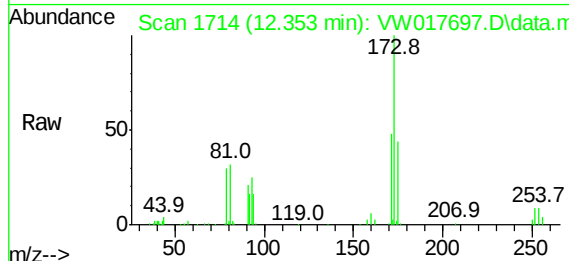
Tgt Ion:104 Resp: 173238
Ion Ratio Lower Upper
104 100
78 51.6 37.6 56.4
103 54.0 43.6 65.4



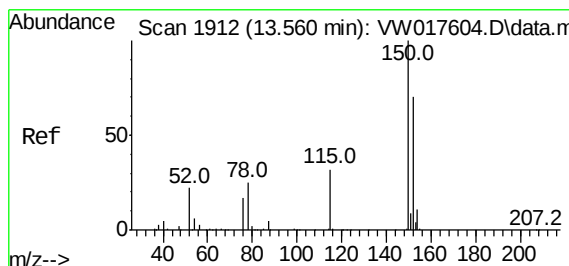
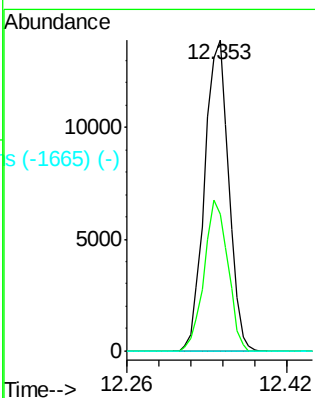
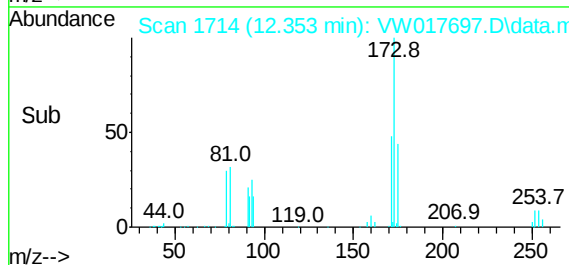


Bromoform
Concen: 17.00 ug/l
RT: 12.353 min Scan# 1714
Delta R.T. 0.000 min
Lab File: VW017697.D
Acq: 22 Dec 2020 11:33

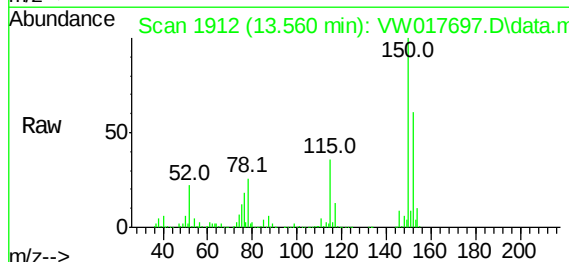
Instrument :
MSVOA_W
ClientSampleId :
VW1222SBS01



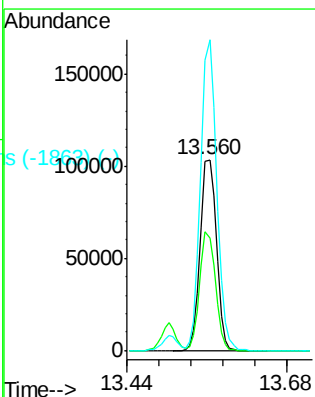
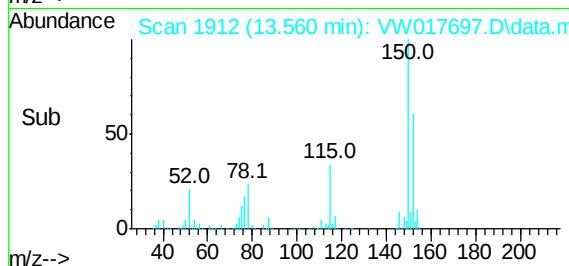
Tgt Ion:173 Resp: 24044
Ion Ratio Lower Upper
173 100
175 47.6 24.7 74.1
254 0.0 0.1 0.1#

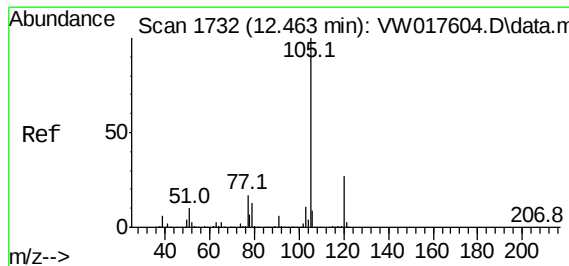


1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW017697.D
Acq: 22 Dec 2020 11:33



Tgt Ion:152 Resp: 173743
Ion Ratio Lower Upper
152 100
115 60.9 27.9 83.7
150 162.0 0.0 344.0



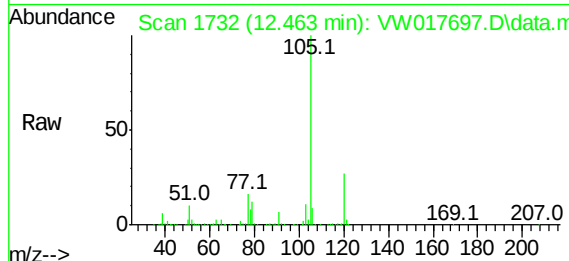


#73
Isopropylbenzene
Concen: 21.55 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW017697.D
Acq: 22 Dec 2020 11:33

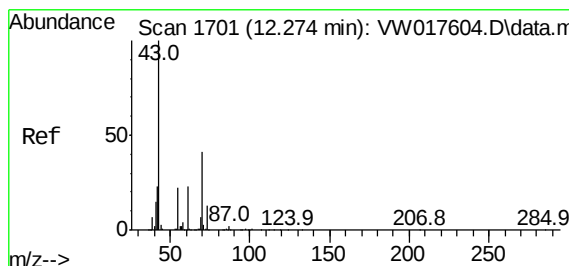
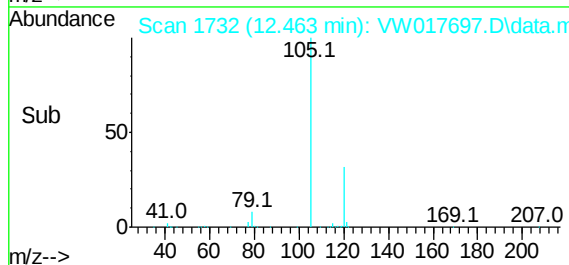
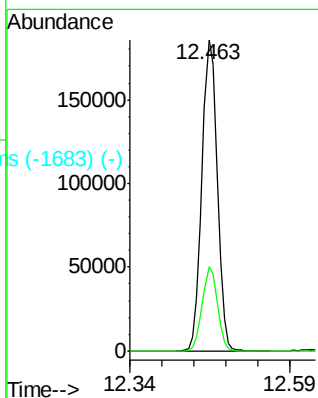
Instrument :
MSVOA_W
ClientSampleId :
VW1222SBS01

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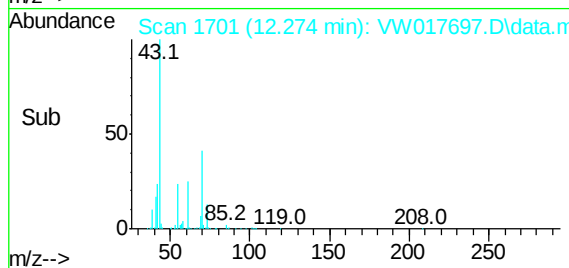
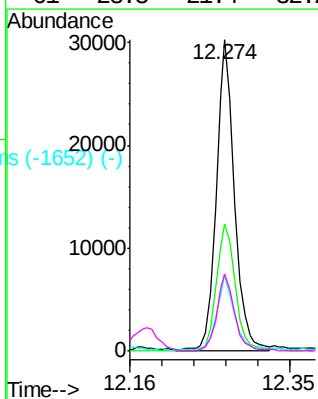
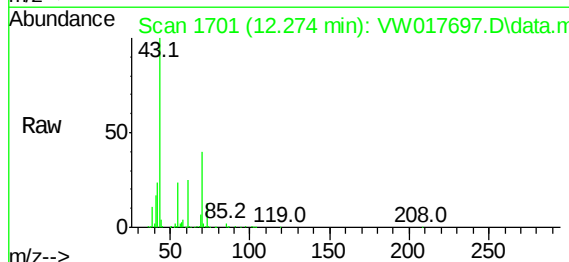


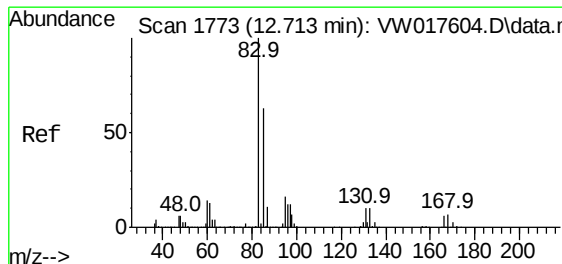
Tgt Ion:105 Resp: 295993
Ion Ratio Lower Upper
105 100
120 26.7 13.6 40.7



#74
N-ethyl acetate
Concen: 16.49 ug/l
RT: 12.274 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VW017697.D
Acq: 22 Dec 2020 11:33

Tgt Ion: 43 Resp: 47504
Ion Ratio Lower Upper
43 100
70 42.3 40.2 60.4
55 23.1 21.4 32.0
61 23.8 21.4 32.2





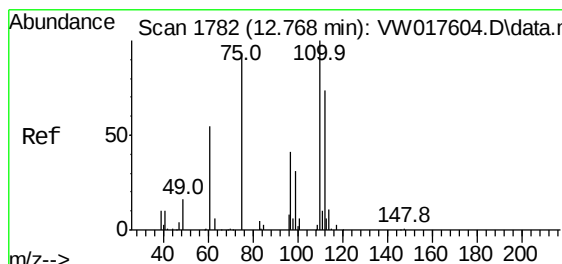
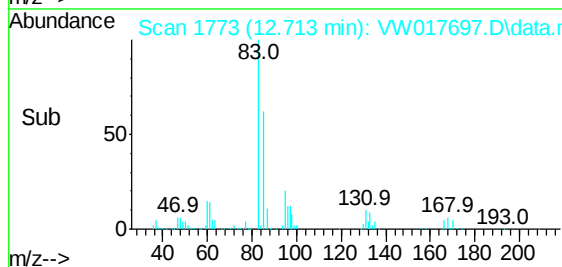
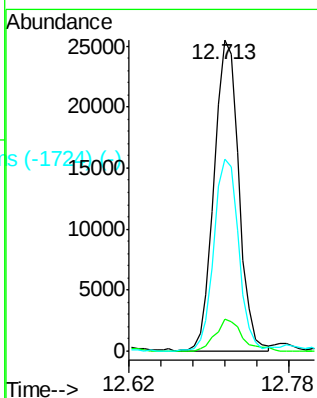
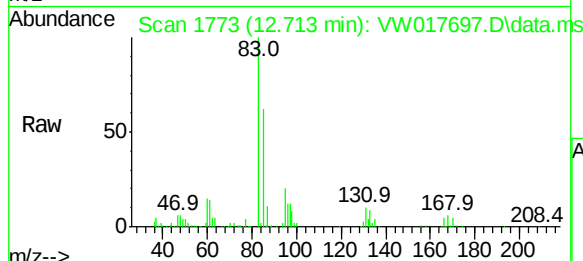
1,1,2,2-Tetrachloroethane
 Concen: 18.69 ug/l
 RT: 12.713 min Scan# 1773
 Delta R.T. -0.000 min
 Lab File: VW017697.D
 Acq: 22 Dec 2020 11:33

Tgt Ion:	83	Resp:	42822
Ion	Ratio	Lower	Upper
83	100		
131	10.9	6.1	18.3
85	62.0	32.7	98.1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1222SBS01

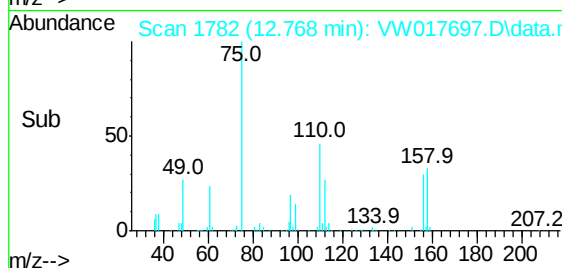
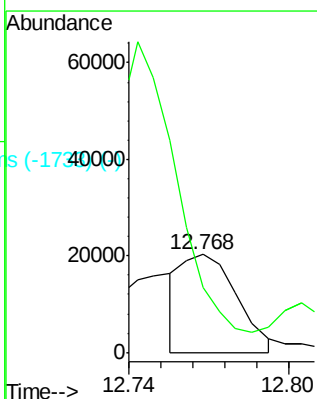
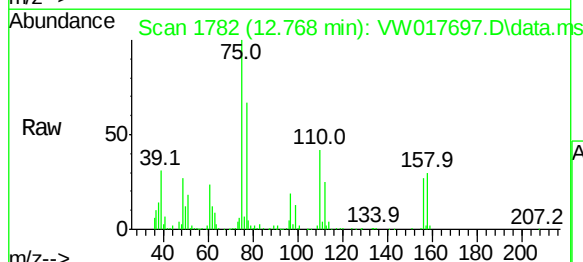
Manual Integrations
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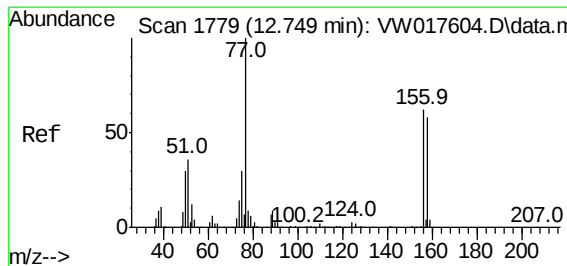
MMDadoda
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1,2,3-Trichloropropane
 Concen: 17.21 ug/l m
 RT: 12.768 min Scan# 1782
 Delta R.T. -0.000 min
 Lab File: VW017697.D
 Acq: 22 Dec 2020 11:33

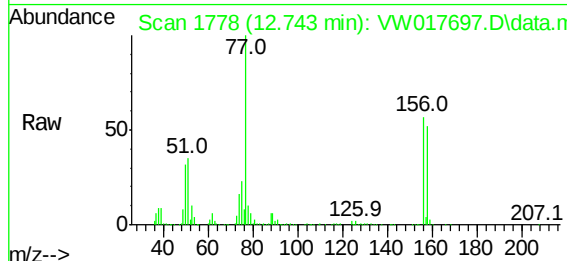
Tgt Ion:	75	Resp:	28785
Ion	Ratio	Lower	Upper
75	100		
77	0.0	178.8	536.3#





#1779 (-)
Bromobenzene
Concen: 20.60 ug/l
RT: 12.743 min Scan# 1778
Delta R.T. -0.006 min
Lab File: VW017697.D
Acq: 22 Dec 2020 11:33

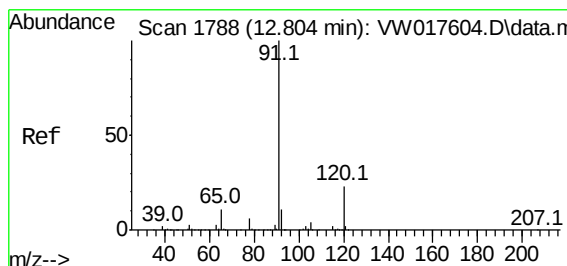
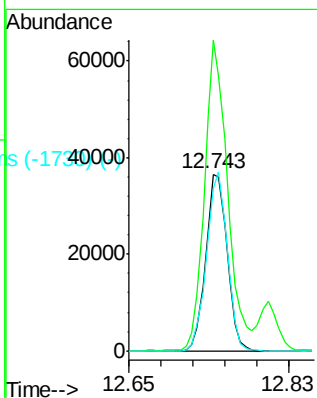
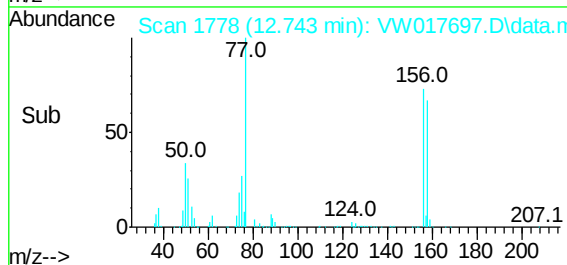
Instrument :
MSVOA_W
ClientSampleId :
VW1222SBS01



Tgt Ion:156 Resp: 60599
Ion Ratio Lower Upper
156 100
77 189.1 79.0 237.2
158 98.8 47.0 141.2

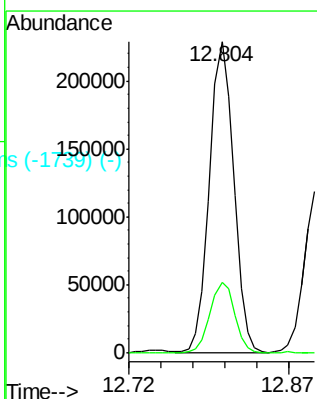
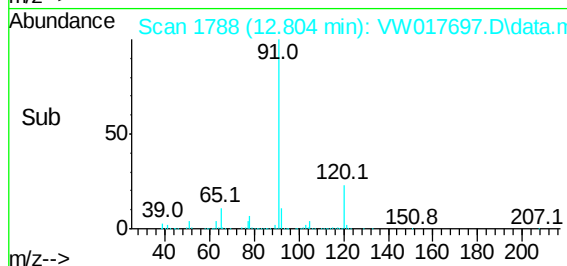
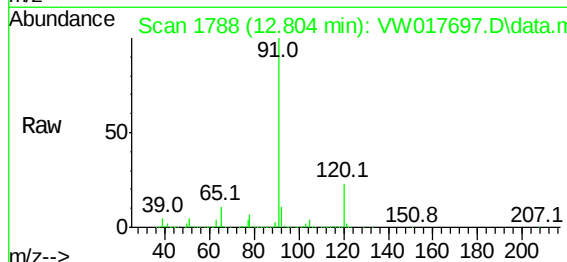
Manual Integrations
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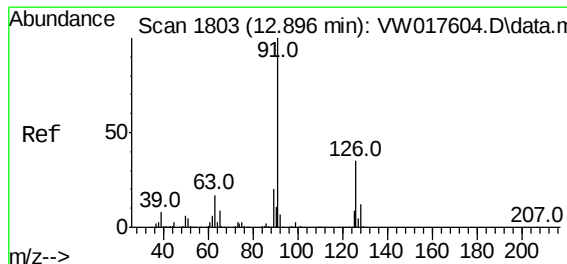
MMDadoda
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#1788 (-)
n-propylbenzene
Concen: 21.67 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. 0.000 min
Lab File: VW017697.D
Acq: 22 Dec 2020 11:33

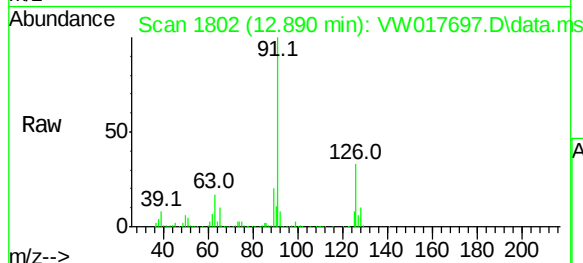
Tgt Ion: 91 Resp: 353458
Ion Ratio Lower Upper
91 100
120 22.8 12.0 36.1





#7996 (-)
2-Chlorotoluene
Concen: 21.27 ug/l
RT: 12.890 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VW017697.D
Acq: 22 Dec 2020 11:33

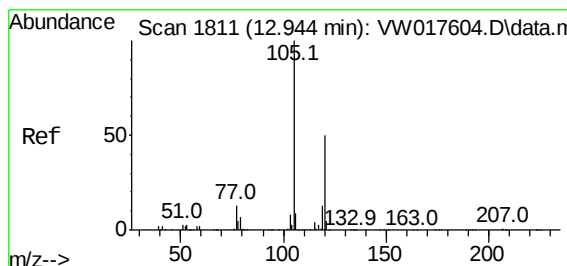
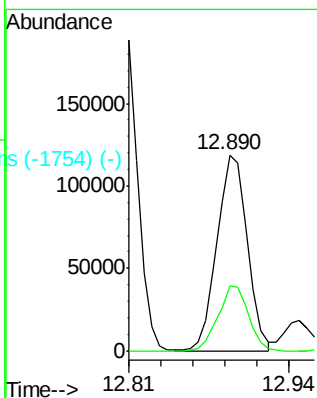
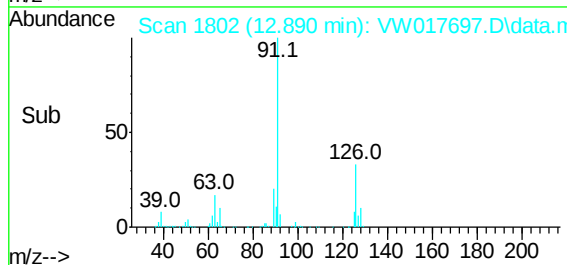
Instrument :
MSVOA_W
ClientSampleId :
VW1222SBS01



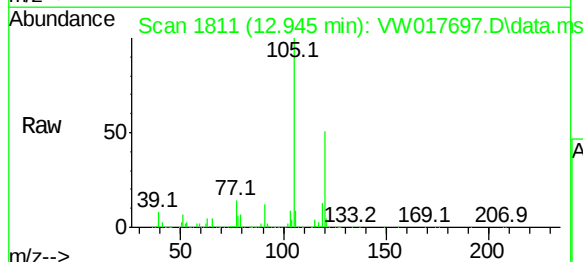
Tgt Ion: 91 Resp: 193409
Ion Ratio Lower Upper
91 100
126 33.5 17.9 53.8

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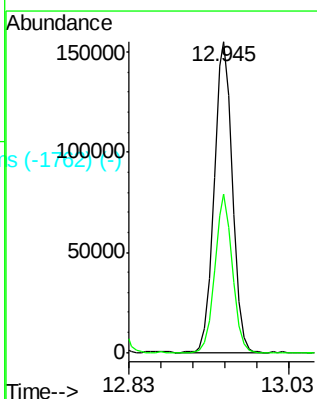
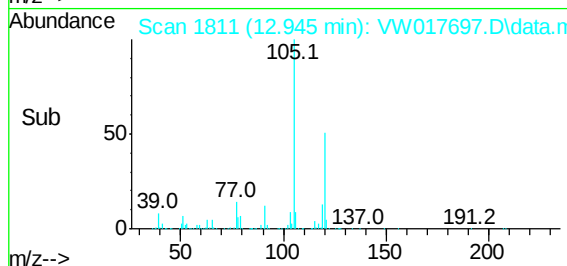
MMDadoda
12/23/2020 3:25:30 PM

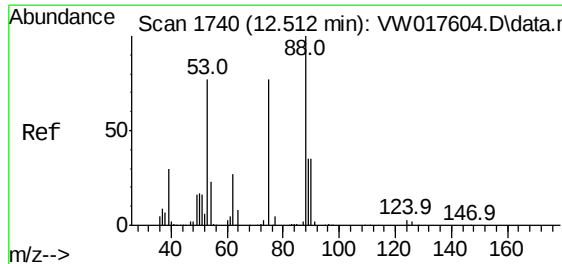


#8102 (-)
1,3,5-Trimethylbenzene
Concen: 21.04 ug/l
RT: 12.945 min Scan# 1811
Delta R.T. 0.001 min
Lab File: VW017697.D
Acq: 22 Dec 2020 11:33



Tgt Ion: 105 Resp: 244632
Ion Ratio Lower Upper
105 100
120 48.8 24.9 74.8





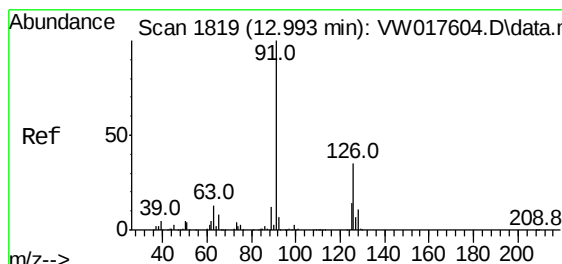
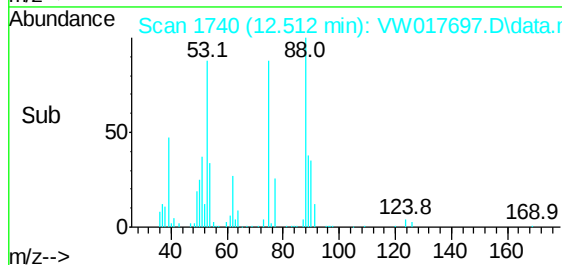
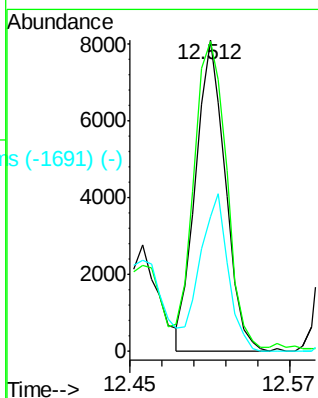
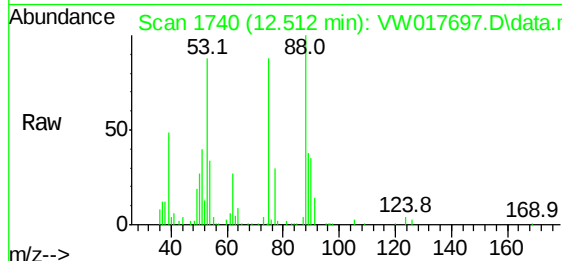
#1736 (-)
trans-1,4-Dichloro-2-butene
Concen: 14.59 ug/l
RT: 12.512 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VW017697.D
Acq: 22 Dec 2020 11:33

Tgt Ion	75	Resp:	12045
Ion	Ratio	Lower	Upper
75	100		
53	109.1	77.0	115.4
89	48.4	38.7	58.1

Instrument :
MSVOA_W
ClientSampleId :
VW1222SBS01

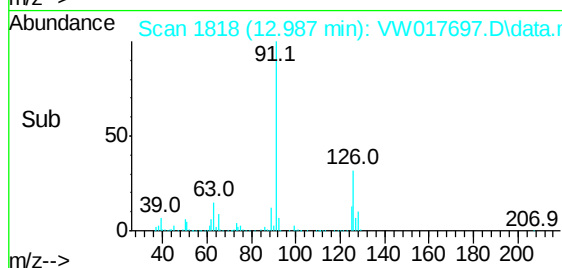
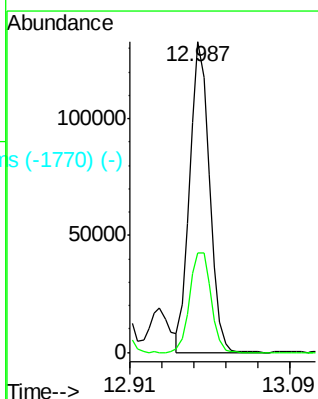
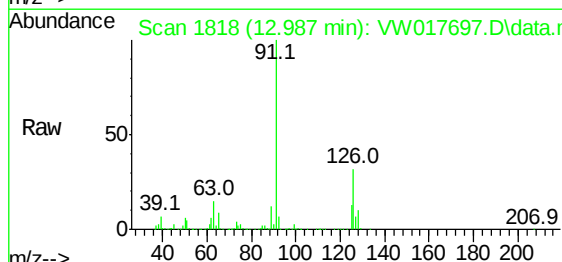
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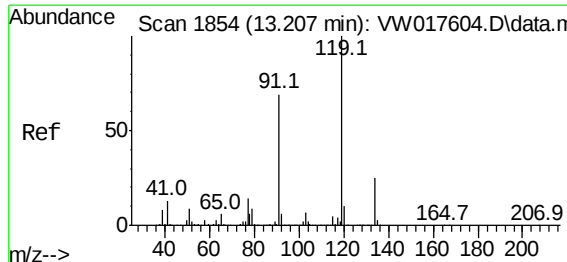
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#1814 (-)
4-Chlorotoluene
Concen: 21.11 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. -0.006 min
Lab File: VW017697.D
Acq: 22 Dec 2020 11:33

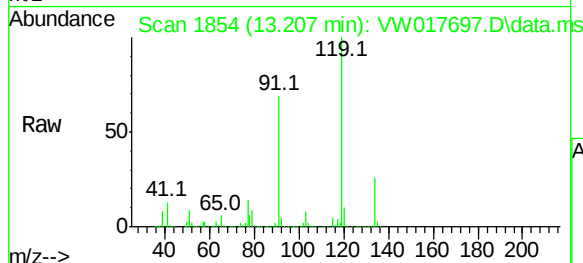
Tgt Ion	91	Resp:	202645
Ion	Ratio	Lower	Upper
91	100		
126	34.8	18.1	54.3





#8345 (-)
tert-Butylbenzene
Concen: 21.86 ug/l
RT: 13.207 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VW017697.D
Acq: 22 Dec 2020 11:33

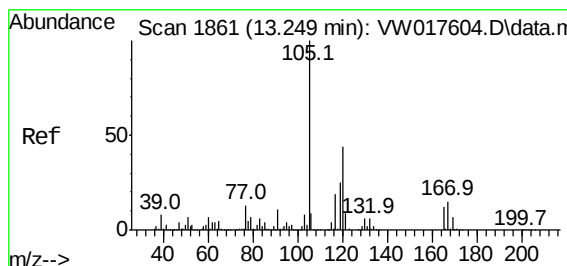
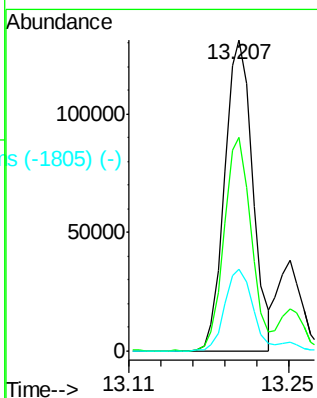
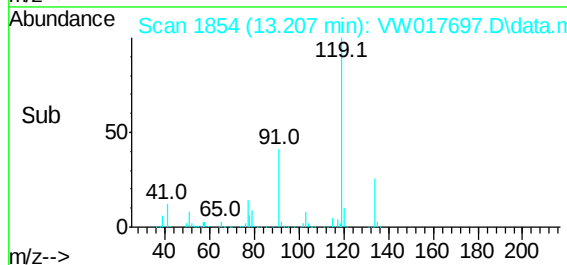
Instrument :
MSVOA_W
ClientSampleId :
VW1222SBS01



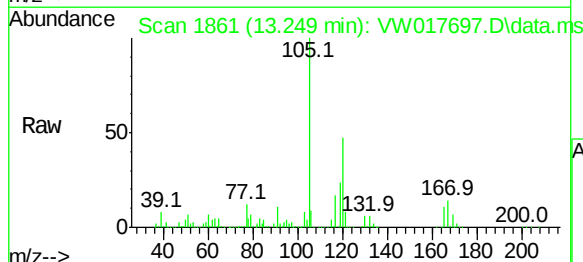
Tgt Ion:119 Resp: 217336
Ion Ratio Lower Upper
119 100
91 66.3 31.3 93.9
134 26.1 14.0 42.0

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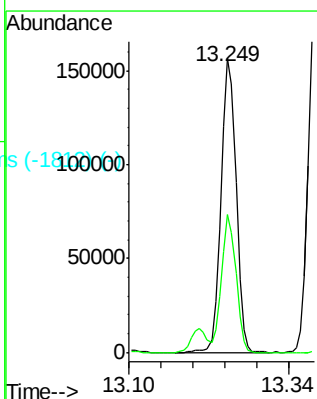
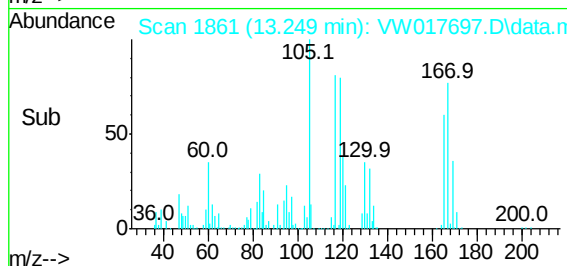
MMDadoda
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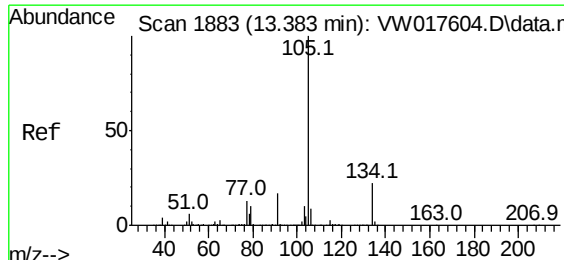


#8348 (-)
1,2,4-Trimethylbenzene
Concen: 21.41 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW017697.D
Acq: 22 Dec 2020 11:33



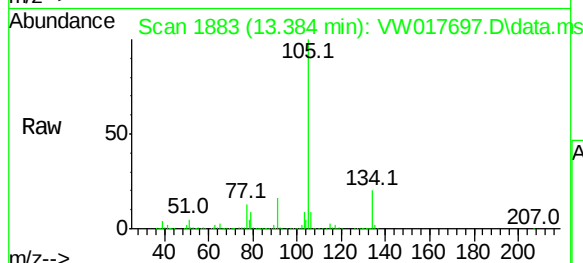
Tgt Ion:105 Resp: 245191
Ion Ratio Lower Upper
105 100
120 45.1 23.4 70.0





#85
sec-Butylbenzene
Concen: 21.68 ug/l
RT: 13.384 min Scan# 1883
Delta R.T. 0.001 min
Lab File: VW017697.D
Acq: 22 Dec 2020 11:33

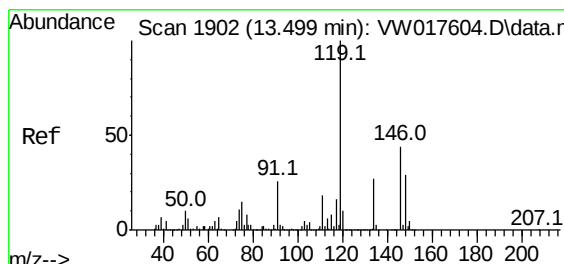
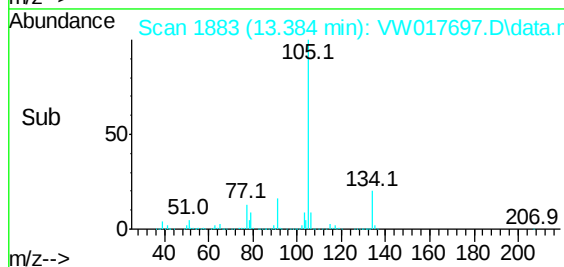
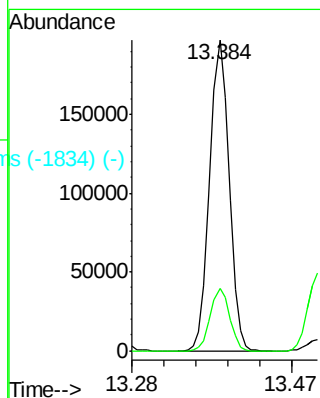
Instrument :
MSVOA_W
ClientSampleId :
VW1222SBS01



Tgt Ion:105 Resp: 302764
Ion Ratio Lower Upper
105 100
134 20.1 10.6 31.8

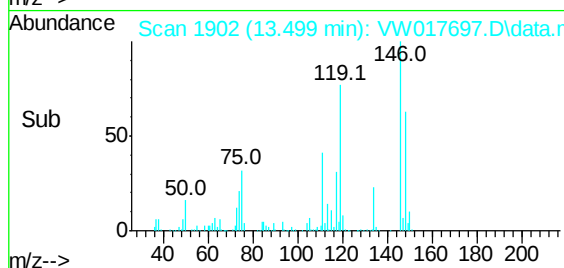
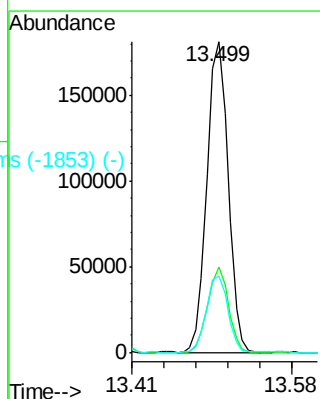
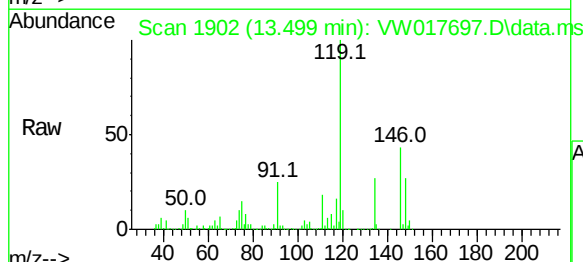
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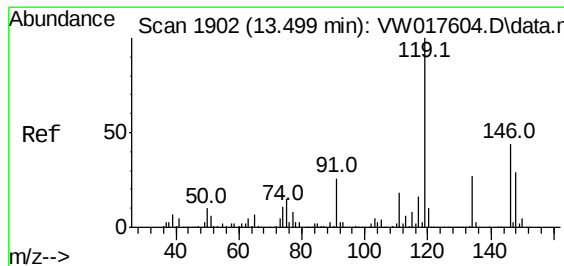
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#86
p-Isopropyltoluene
Concen: 21.93 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW017697.D
Acq: 22 Dec 2020 11:33

Tgt Ion:119 Resp: 276527
Ion Ratio Lower Upper
119 100
134 27.1 13.8 41.3
91 25.1 11.3 33.9





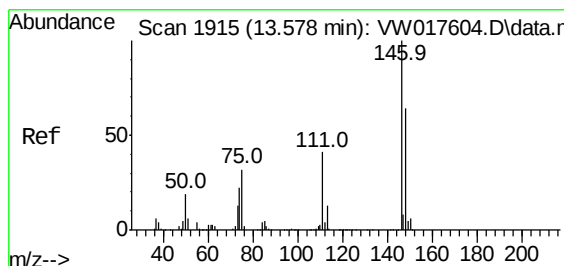
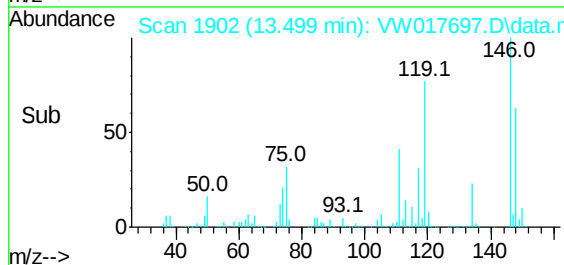
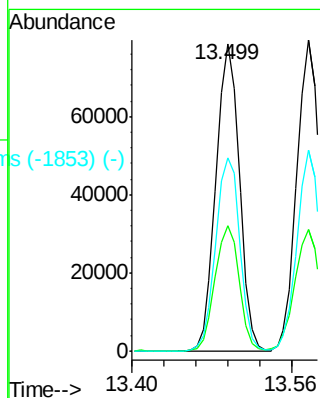
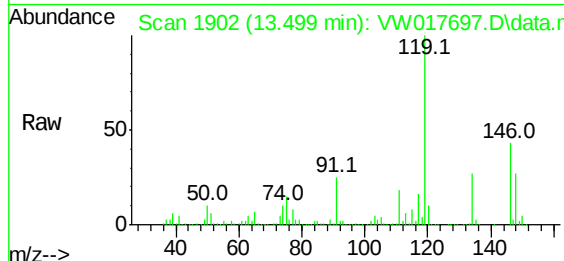
#1894 (-)
1,3-Dichlorobenzene
Concen: 21.38 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW017697.D
Acq: 22 Dec 2020 11:33

Tgt Ion:146 Resp: 125394
Ion Ratio Lower Upper
146 100
111 41.8 19.1 57.5
148 64.6 32.5 97.4

Instrument :
MSVOA_W
ClientSampleId :
VW1222SBS01

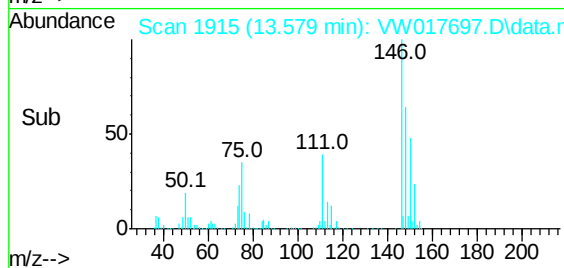
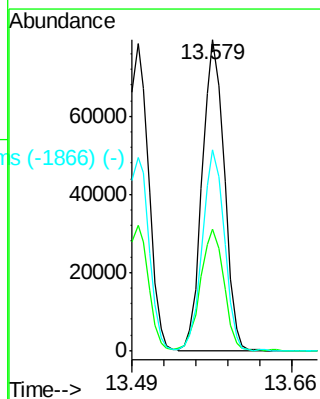
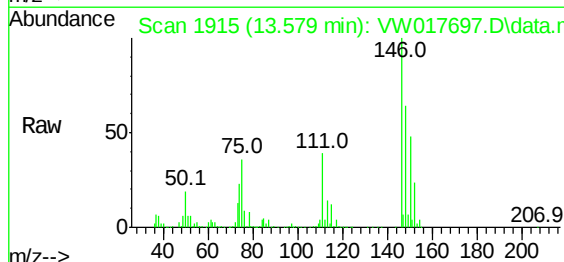
Manual Integrations
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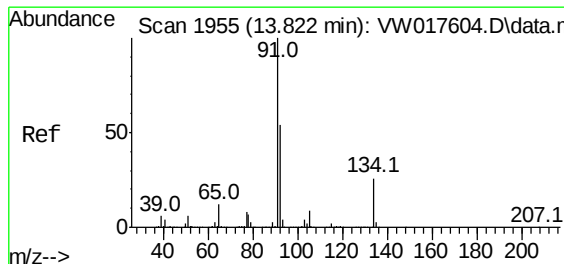
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#1899 (-)
1,4-Dichlorobenzene
Concen: 21.72 ug/l
RT: 13.579 min Scan# 1915
Delta R.T. 0.001 min
Lab File: VW017697.D
Acq: 22 Dec 2020 11:33

Tgt Ion:146 Resp: 126430
Ion Ratio Lower Upper
146 100
111 41.7 18.5 55.5
148 64.5 31.8 95.4





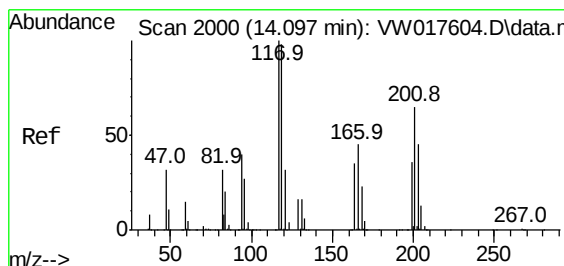
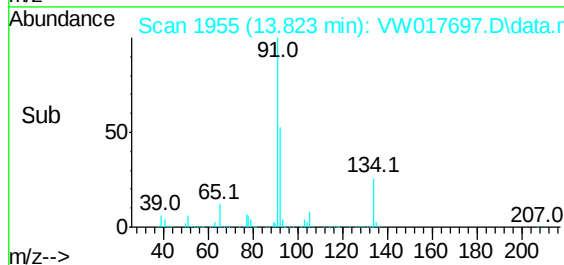
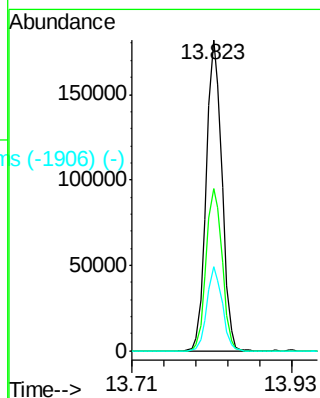
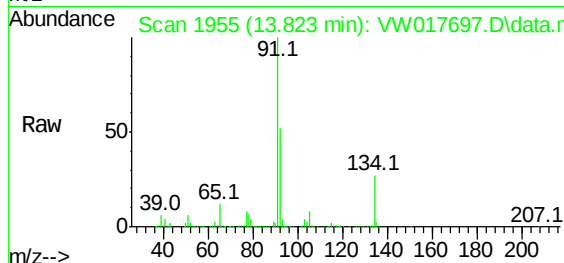
#99
n-Butylbenzene
Concen: 22.02 ug/l
RT: 13.823 min Scan# 1955
Delta R.T. 0.001 min
Lab File: VW017697.D
Acq: 22 Dec 2020 11:33

Tgt Ion:	91	Resp:	272759
Ion Ratio	100	Lower	Upper
91	100		
92	53.6	26.6	79.7
134	26.2	14.3	42.9

Instrument :
MSVOA_W
ClientSampleId :
VW1222SBS01

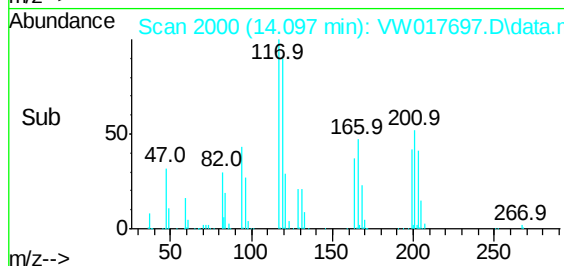
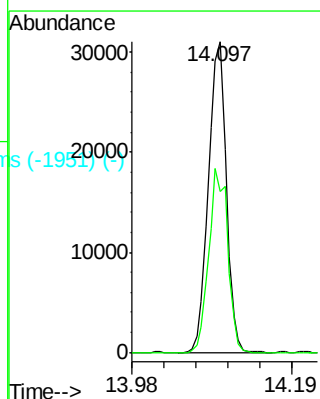
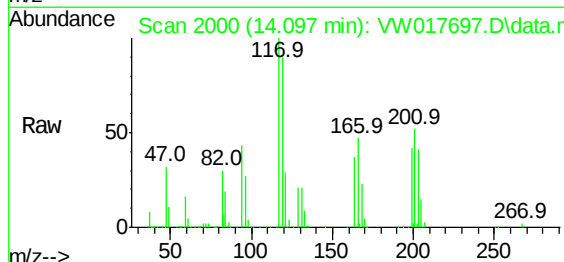
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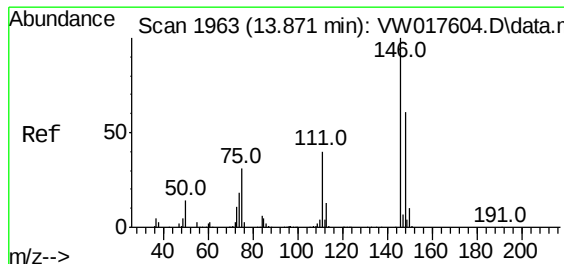
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#99
Hexachloroethane
Concen: 20.33 ug/l
RT: 14.097 min Scan# 2000
Delta R.T. -0.000 min
Lab File: VW017697.D
Acq: 22 Dec 2020 11:33

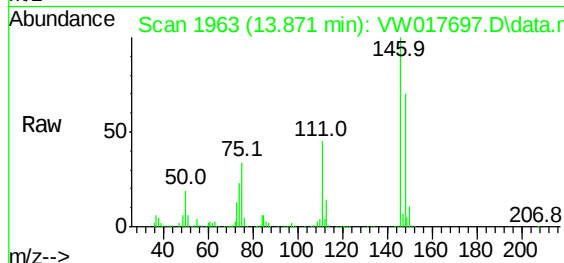
Tgt Ion:	117	Resp:	50366
Ion Ratio	100	Lower	Upper
117	100		
201	62.7	41.9	125.7





1,2-Dichlorobenzene
Concen: 20.46 ug/l
RT: 13.871 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VW017697.D
Acq: 22 Dec 2020 11:33

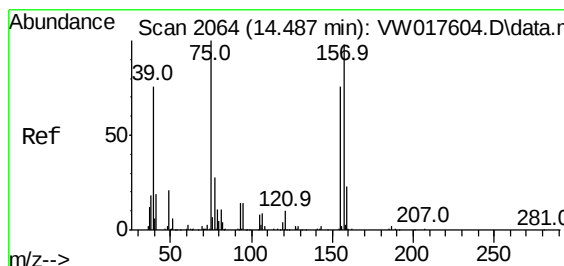
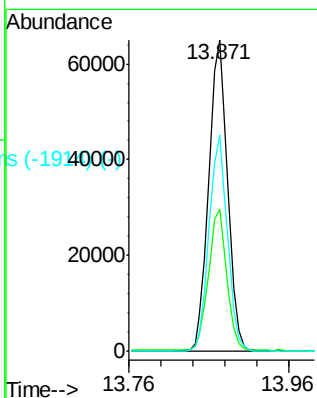
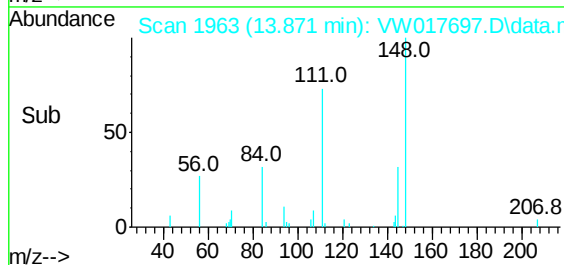
Instrument :
MSVOA_W
ClientSampleId :
VW1222SBS01



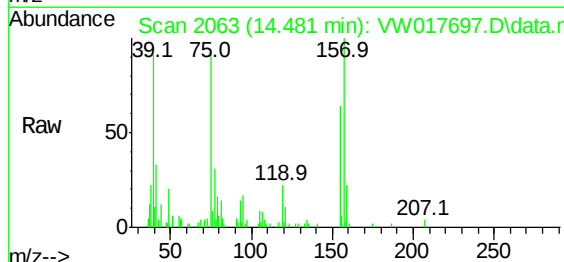
Tgt Ion:146 Resp: 106674
Ion Ratio Lower Upper
146 100
111 44.6 20.1 60.3
148 67.7 33.1 99.3

Manual Integrations
APPROVED

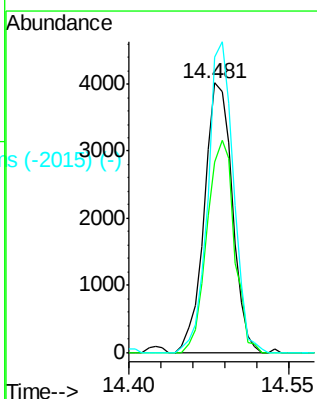
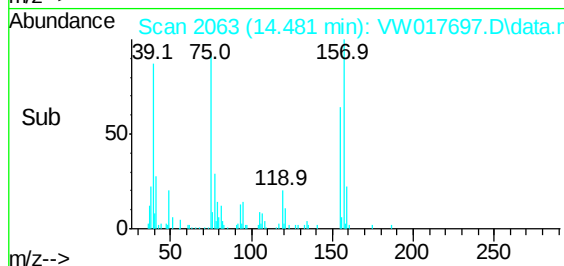
MMDadoda
12/23/2020 3:25:30 PM

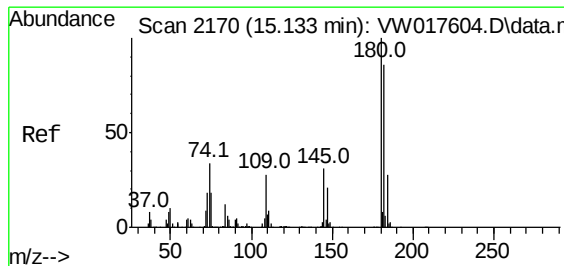


1,2-Dibromo-3-Chloropropane
Concen: 17.10 ug/l
RT: 14.481 min Scan# 2063
Delta R.T. -0.006 min
Lab File: VW017697.D
Acq: 22 Dec 2020 11:33



Tgt Ion: 75 Resp: 7131
Ion Ratio Lower Upper
75 100
155 76.7 47.6 142.8
157 105.2 62.2 186.6





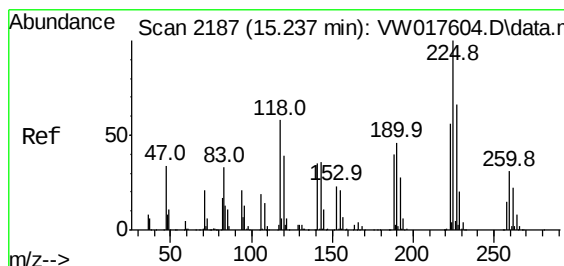
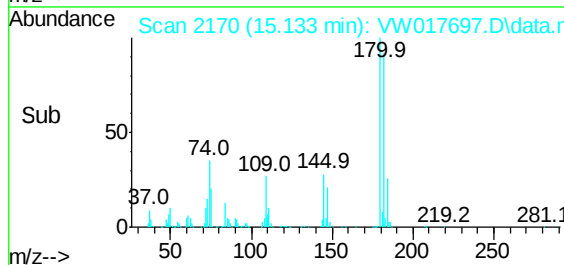
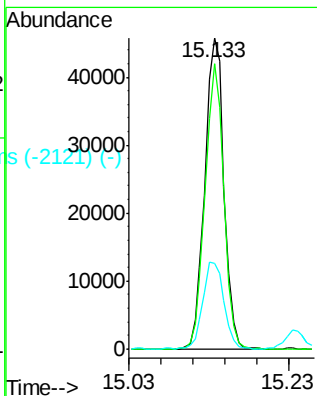
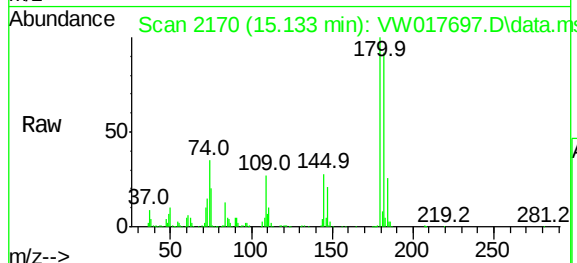
#91
1,2,4-Trichlorobenzene
Concen: 22.79 ug/l
RT: 15.133 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VW017697.D
Acq: 22 Dec 2020 11:33

Tgt Ion:180 Resp: 75996
Ion Ratio Lower Upper
180 100
182 90.1 48.3 144.9
145 30.4 14.9 44.5

Instrument :
MSVOA_W
ClientSampleId :
VW1222SBS01

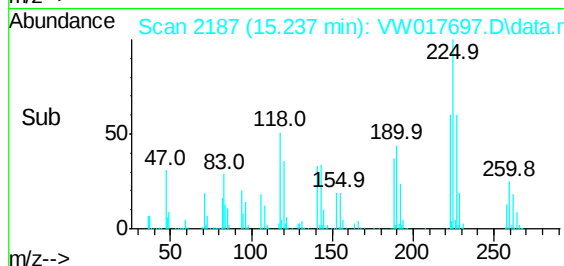
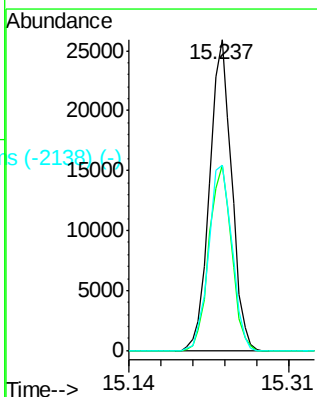
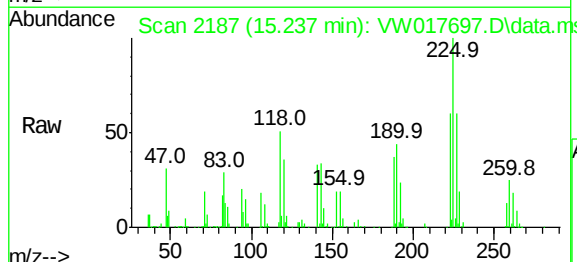
Manual Integrations
APPROVED

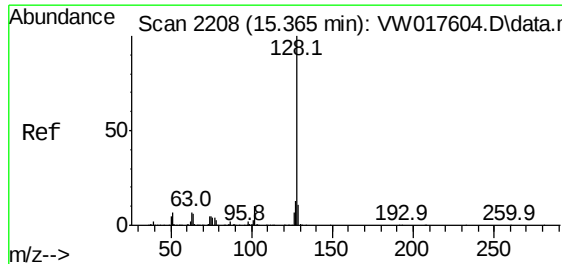
MMDadoda
12/23/2020 3:25:30 PM



#92
Hexachlorobutadiene
Concen: 23.36 ug/l
RT: 15.237 min Scan# 2187
Delta R.T. -0.000 min
Lab File: VW017697.D
Acq: 22 Dec 2020 11:33

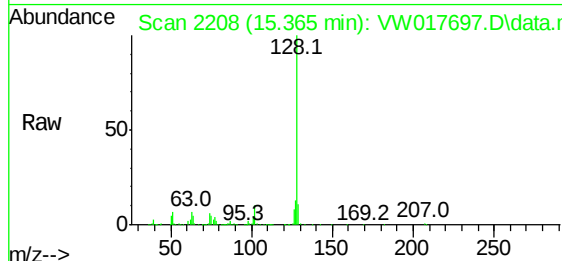
Tgt Ion:225 Resp: 40942
Ion Ratio Lower Upper
225 100
223 60.9 31.9 95.7
227 63.2 33.0 99.0





#2199 (-)
Naphthalene
Concen: 18.78 ug/l
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW017697.D
Acq: 22 Dec 2020 11:33

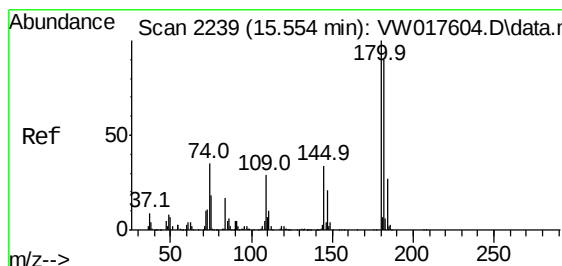
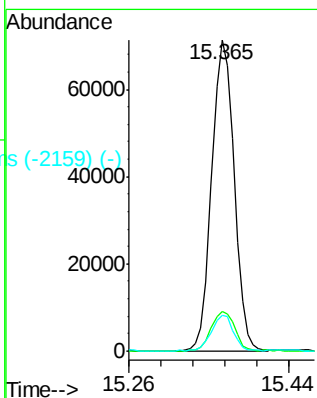
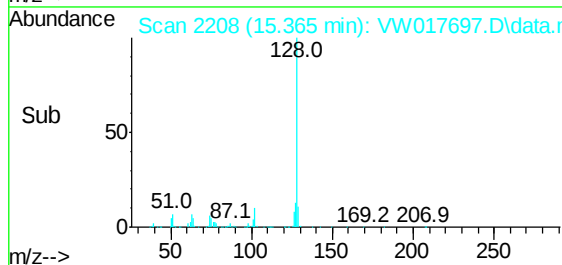
Instrument :
MSVOA_W
ClientSampleId :
VW1222SBS01



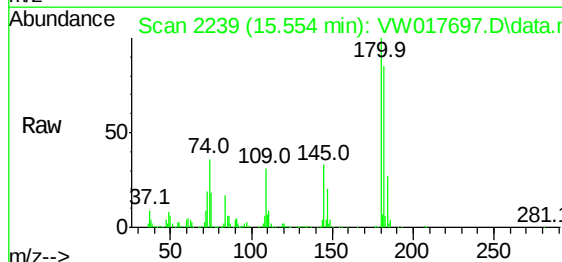
Tgt Ion:	128	Resp:	128072
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.4	15.6
129	11.2	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
12/23/2020 3:25:30 PM



#2230 (-)
1,2,3-Trichlorobenzene
Concen: 21.31 ug/l
RT: 15.554 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VW017697.D
Acq: 22 Dec 2020 11:33



Tgt Ion:	180	Resp:	61468
Ion Ratio	Lower	Upper	
180	100		
182	92.1	49.4	148.2
145	34.0	16.3	48.9

