

Data Path : Z:\voasrv\HPCHEM1\MSVOA_w\Data\Vw121820\
 Data File : Vw017669.D
 Acq On : 18 Dec 2020 12:16
 Operator : SY/VA
 Sample : Vw1218SBS01
 Misc : 5.00G/5ML/MSVOA_w/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1218SBS01

Manual Integrations
 APPROVED

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 12/21/2020 11:59:13 AM

Quant Time: Dec 19 00:10:18 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_w\Method\82W121420S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 14 12:39:23 2020
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.951	168	224982	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.847	114	372720	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.633	117	330356	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	161050	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	135900	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
35) Dibromofluoromethane	7.884	113	123579	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
50) Toluene-d8	10.329	98	488336	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	
62) 4-Bromofluorobenzene	12.621	95	169821	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.013	85	43290	24.52	ug/l	100
3) Chloromethane	2.214	50	36191	18.21	ug/l	96
4) Vinyl Chloride	2.367	62	62321	21.63	ug/l	99
5) Bromomethane	2.775	94	51314	23.16	ug/l	99
6) Chloroethane	2.922	64	40638	22.57	ug/l	96
7) Trichlorofluoromethane	3.263	101	51661	22.66	ug/l	91
8) Diethyl Ether	3.684	74	23632	18.91	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.074	101	50275	20.32	ug/l	90
10) Methyl Iodide	4.275	142	72699	19.96	ug/l	91
11) Tert butyl alcohol	5.165	59	22583	89.15	ug/l #	91
12) 1,1-Dichloroethene	4.043	96	50450	19.86	ug/l #	82
13) Acrolein	3.891	56	14351	86.95	ug/l	97
14) Allyl chloride	4.671	41	76660	19.59	ug/l	90
15) Acrylonitrile	5.372	53	48368	87.41	ug/l	97
16) Acetone	4.123	43	49214	82.53	ug/l	100
17) Carbon Disulfide	4.391	76	145759	19.62	ug/l	100
18) Methyl Acetate	4.677	43	21032	17.35	ug/l	94
19) Methyl tert-butyl Ether	5.421	73	68031	19.79	ug/l	94
20) Methylene Chloride	4.921	84	57114	19.04	ug/l #	80
21) trans-1,2-Dichloroethene	5.433	96	56480	20.01	ug/l	91
22) Diisopropyl ether	6.311	45	142026	19.89	ug/l #	91
23) Vinyl Acetate	6.256	43	439954	91.53	ug/l	95
24) 1,1-Dichloroethane	6.220	63	98377	20.29	ug/l	95
25) 2-Butanone	7.171	43	63773	80.32	ug/l	94
26) 2,2-Dichloropropane	7.171	77	67745	18.42	ug/l	92
27) cis-1,2-Dichloroethene	7.171	96	60702	20.14	ug/l	86
28) Bromochloromethane	7.512	49	39598	19.21	ug/l #	73
29) Tetrahydrofuran	7.530	42	38686	86.62	ug/l	89
30) Chloroform	7.677	83	99873	20.28	ug/l	99
31) Cyclohexane	7.957	56	93071	19.66	ug/l	93
32) 1,1,1-Trichloroethane	7.878	97	84948	20.18	ug/l	94
36) 1,1-Dichloropropene	8.085	75	82063	21.03	ug/l	95
37) Ethyl Acetate	7.256	43	26376	16.17	ug/l	98
38) Carbon Tetrachloride	8.073	117	80296	20.47	ug/l	95
39) Methylcyclohexane	9.335	83	101829	20.60	ug/l	89
40) Benzene	8.329	78	221325	21.41	ug/l	98
41) Methacrylonitrile	7.488	41	14935	16.21	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.402	62	66666	21.18	ug/l	94
43) Isopropyl Acetate	8.427	43	53630	17.53	ug/l #	97
44) Trichloroethene	9.097	130	59752	20.95	ug/l	99
45) 1,2-Dichloropropane	9.372	63	53678	21.04	ug/l	99
46) Dibromomethane	9.457	93	28417	19.91	ug/l #	86
47) Bromodichloromethane	9.646	83	75146	20.66	ug/l #	96
48) Methyl methacrylate	9.439	41	28224	18.80	ug/l #	85
49) 1,4-Dioxane	9.457	88	6372	360.93	ug/l #	98
51) 4-Methyl-2-Pentanone	10.213	43	133846	87.90	ug/l	90
52) Toluene	10.390	92	141272	20.90	ug/l	97
53) t-1,3-Dichloropropene	10.609	75	72090	19.37	ug/l	100
54) cis-1,3-Dichloropropene	10.073	75	84323	19.59	ug/l #	86
55) 1,1,2-Trichloroethane	10.786	97	36613	19.18	ug/l	93
56) Ethyl methacrylate	10.646	69	45076	18.28	ug/l #	83
57) 1,3-Dichloropropane	10.932	76	67506	20.02	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.926	63	110930	94.10	ug/l	91
59) 2-Hexanone	10.969	43	90195	88.53	ug/l	93
60) Dibromochloromethane	11.127	129	45182	18.92	ug/l	98
61) 1,2-Dibromoethane	11.237	107	36307	19.25	ug/l	100
64) Tetrachloroethene	10.865	164	46885	20.81	ug/l	90
65) Chlorobenzene	11.658	112	147026	20.70	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.731	131	50868	20.19	ug/l	98
67) Ethyl Benzene	11.731	91	281230	21.31	ug/l	99
68) m/p-Xylenes	11.841	106	208868	41.51	ug/l	93
69) o-Xylene	12.164	106	97106	20.46	ug/l	93
70) Styrene	12.182	104	162338	20.48	ug/l	95
71) Bromoform	12.353	173	22334	16.58	ug/l #	96
73) Isopropylbenzene	12.463	105	273405	21.47	ug/l	98
74) N-ethyl acetate	12.274	43	47669	17.85	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.719	83	40239	18.94	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	29183m	18.82	ug/l	
77) Bromobenzene	12.749	156	55361	20.30	ug/l	78
78) n-propylbenzene	12.804	91	328963	21.76	ug/l	97
79) 2-Chlorotoluene	12.895	91	185194	21.97	ug/l	96
80) 1,3,5-Trimethylbenzene	12.944	105	229179	21.26	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.517	75	12619	16.49	ug/l	90
82) 4-Chlorotoluene	12.993	91	193789	21.78	ug/l	94
83) tert-Butylbenzene	13.206	119	195726	21.23	ug/l	91
84) 1,2,4-Trimethylbenzene	13.249	105	227895	21.47	ug/l	96
85) sec-Butylbenzene	13.383	105	278549	21.52	ug/l	98
86) p-Isopropyltoluene	13.499	119	251484	21.52	ug/l	95
87) 1,3-Dichlorobenzene	13.499	146	115963	21.33	ug/l	96
88) 1,4-Dichlorobenzene	13.578	146	116579	21.60	ug/l	96
89) n-Butylbenzene	13.822	91	254606	22.17	ug/l	96
90) Hexachloroethane	14.090	117	45450	19.80	ug/l	78
91) 1,2-Dichlorobenzene	13.871	146	100213	20.74	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.487	75	7277	18.83	ug/l	70
93) 1,2,4-Trichlorobenzene	15.133	180	67632	21.88	ug/l	97
94) Hexachlorobutadiene	15.236	225	34931	21.50	ug/l	97
95) Naphthalene	15.364	128	122090	19.31	ug/l	99
96) 1,2,3-Trichlorobenzene	15.553	180	58203	21.77	ug/l	97

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

Instrument :

MSVOA_W

ClientSampleId :

VW1218SBSD01

Manual Integrations

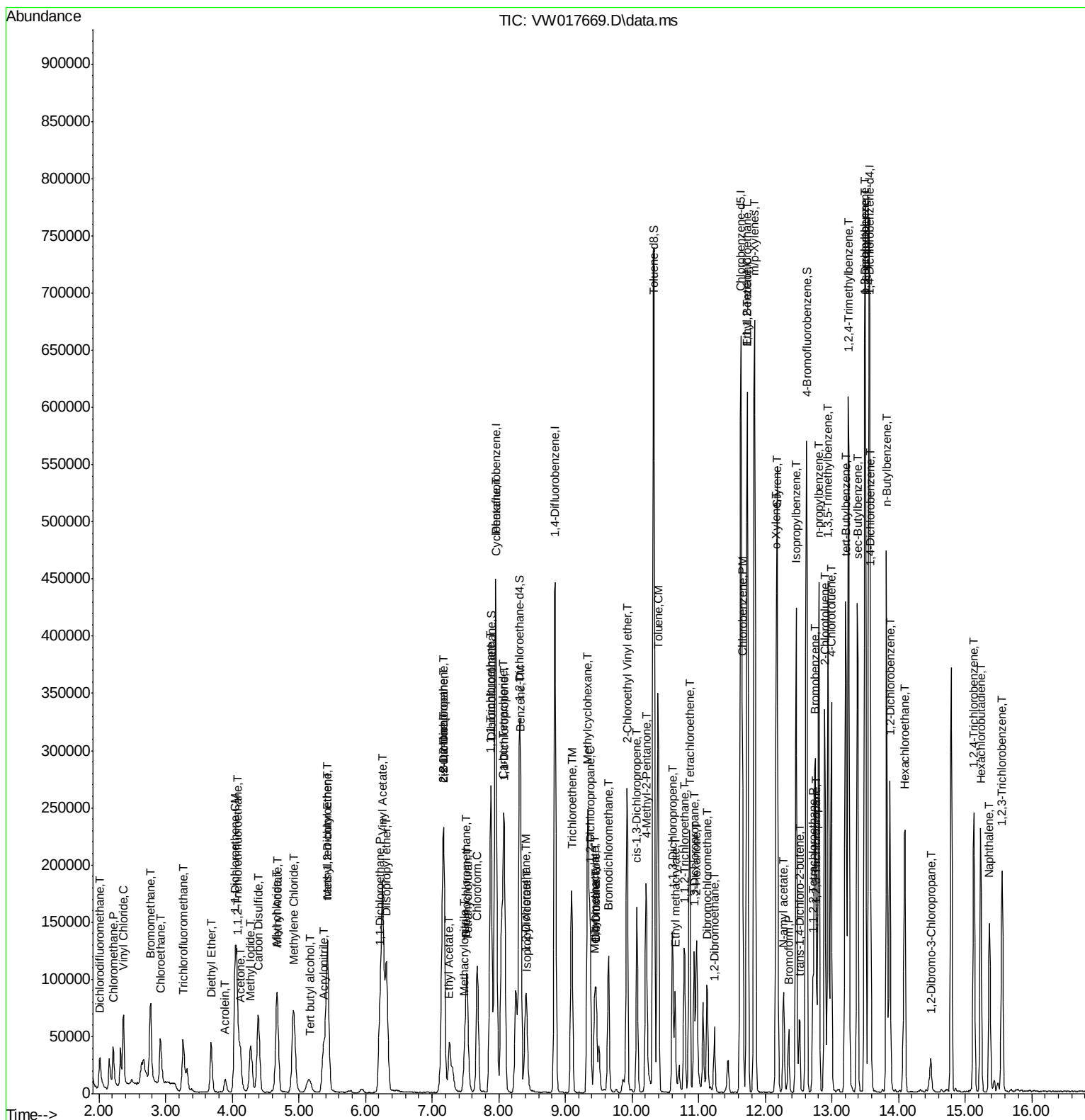
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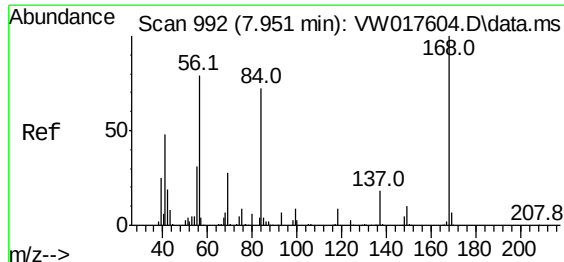
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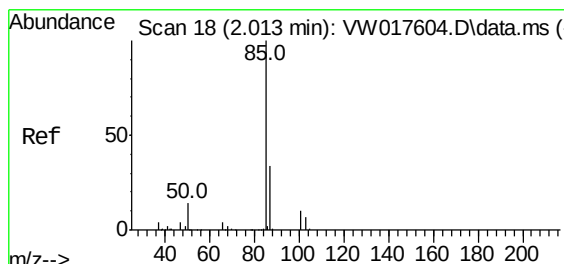
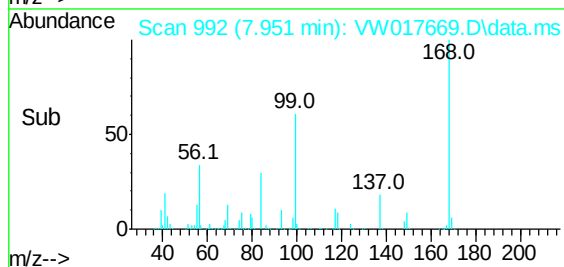
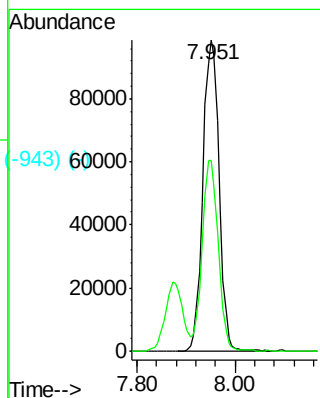
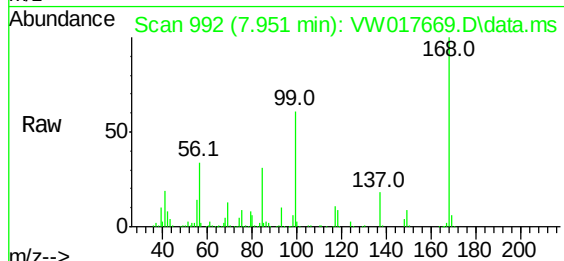
Quant Time: Dec 19 00:10:18 2020
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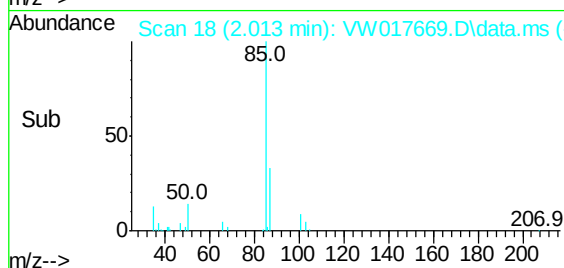
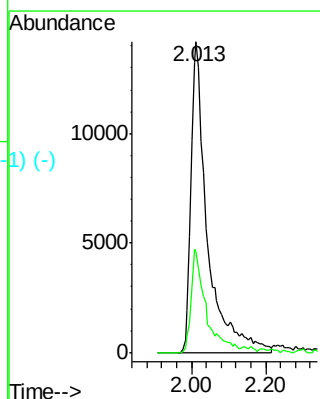
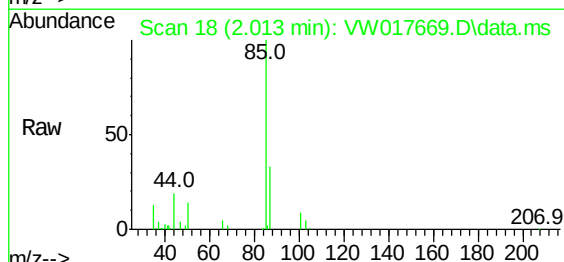
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.951 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

Tgt Ion: 168 Resp: 224982
Ion Ratio Lower Upper
168 100
99 61.4 40.7 61.1#



Dichlorodifluoromethane
Concen: 24.52 ug/l
RT: 2.013 min Scan# 18
Delta R.T. 0.000 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

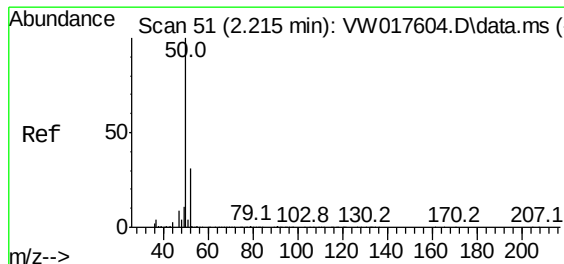
Tgt Ion: 85 Resp: 43290
Ion Ratio Lower Upper
85 100
87 32.6 16.3 48.9



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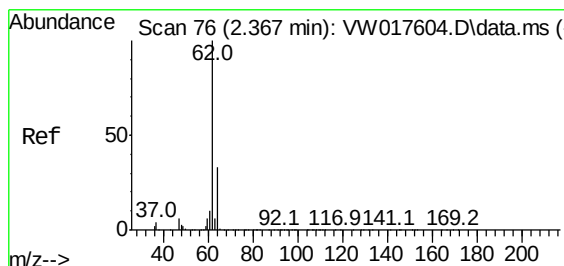
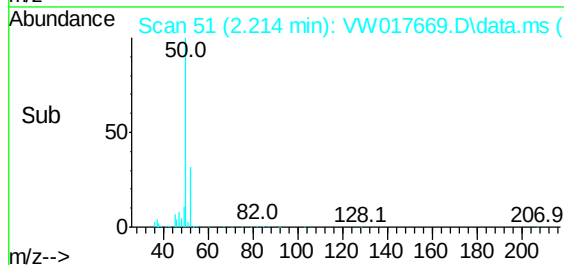
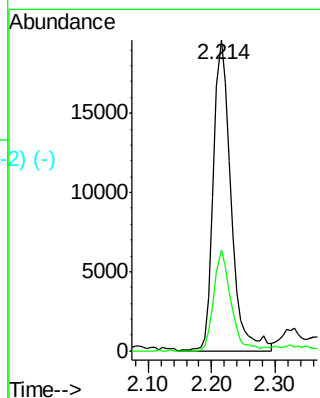
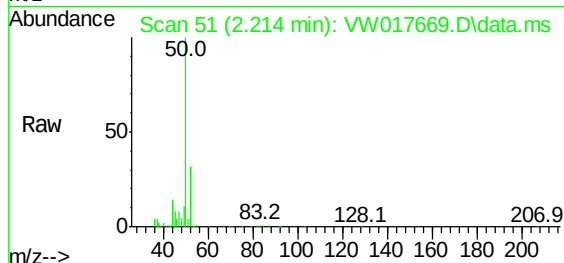
Chloromethane
Concen: 18.21 ug/l
RT: 2.214 min Scan# 51
Delta R.T. -0.001 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

Tgt Ion: 50 Resp: 36191
Ion Ratio Lower Upper
50 100
52 32.4 27.6 41.4

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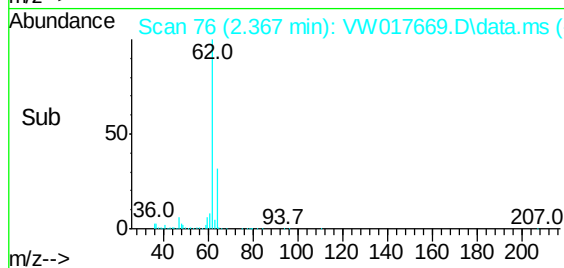
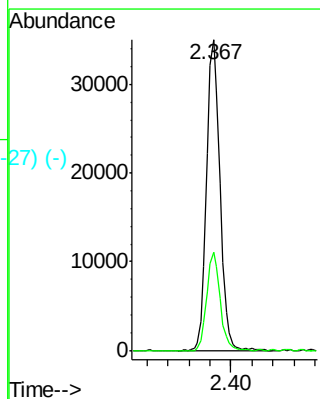
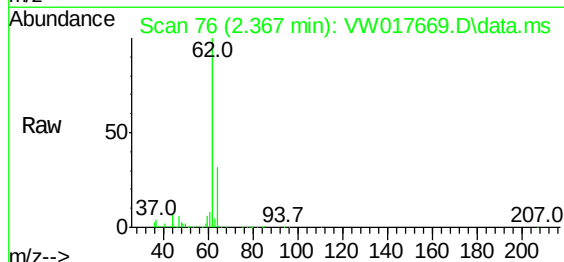
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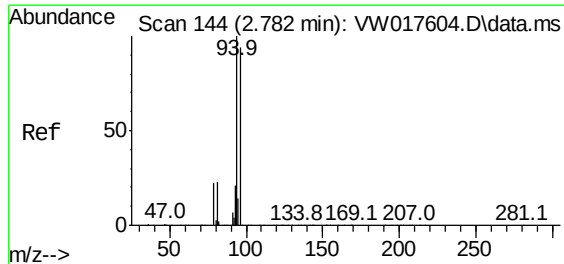
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Vinyl Chloride
Concen: 21.63 ug/l
RT: 2.367 min Scan# 76
Delta R.T. -0.000 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

Tgt Ion: 62 Resp: 62321
Ion Ratio Lower Upper
62 100
64 31.8 25.0 37.4





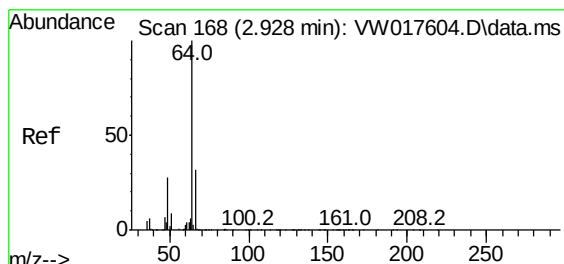
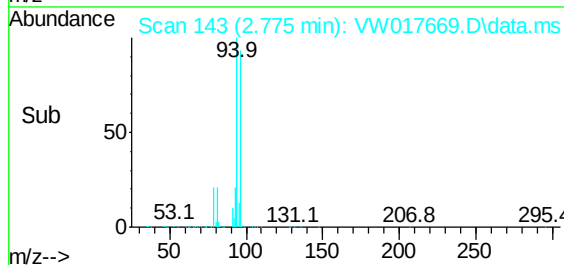
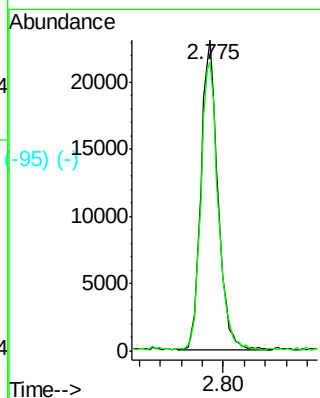
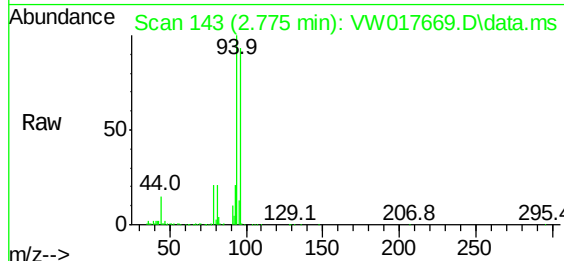
Bromomethane
Concen: 23.16 ug/l
RT: 2.775 min Scan# 143
Delta R.T. -0.007 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

Tgt Ion: 94 Resp: 51314
Ion Ratio Lower Upper
94 100
96 92.5 74.7 112.1

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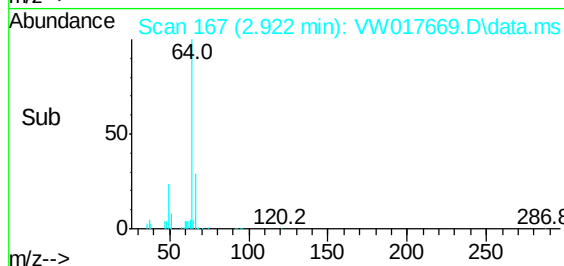
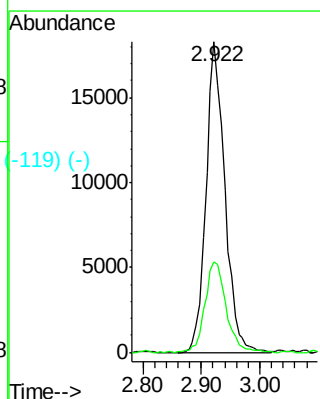
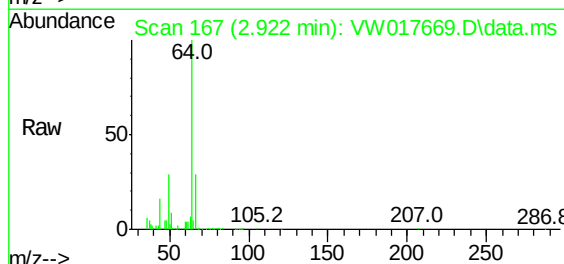
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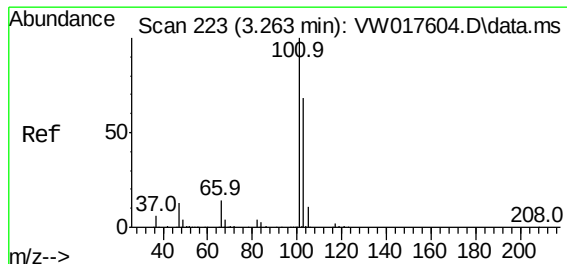
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Chloroethane
Concen: 22.57 ug/l
RT: 2.922 min Scan# 167
Delta R.T. -0.006 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

Tgt Ion: 64 Resp: 40638
Ion Ratio Lower Upper
64 100
66 28.9 25.0 37.6





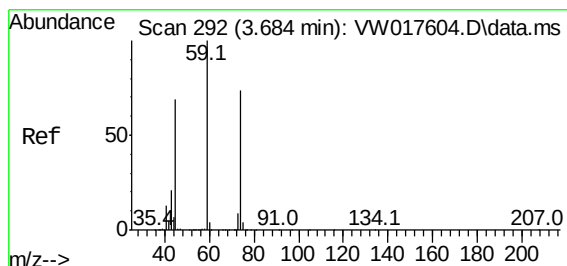
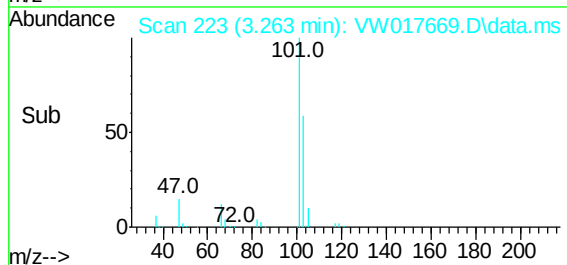
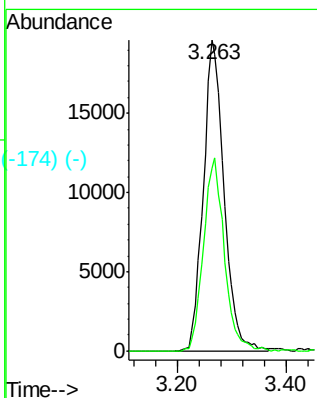
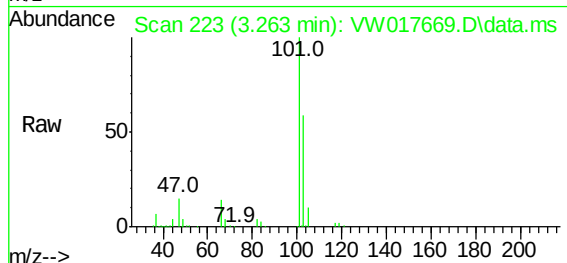
Trichlorofluoromethane
Concen: 22.66 ug/l
RT: 3.263 min Scan# 223
Delta R.T. -0.000 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

Tgt Ion: 101 Resp: 51661
Ion Ratio Lower Upper
101 100
103 58.8 52.6 79.0

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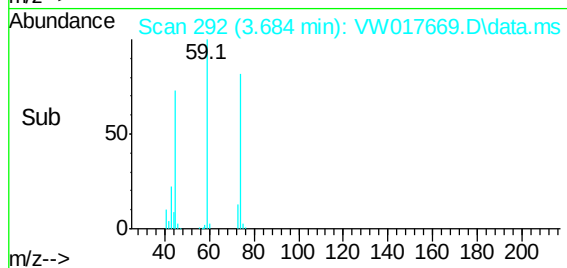
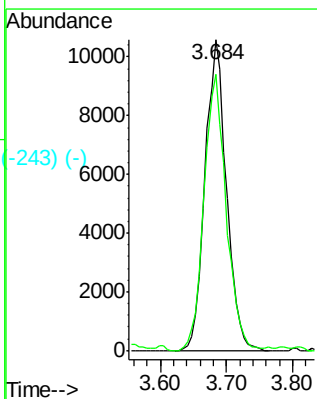
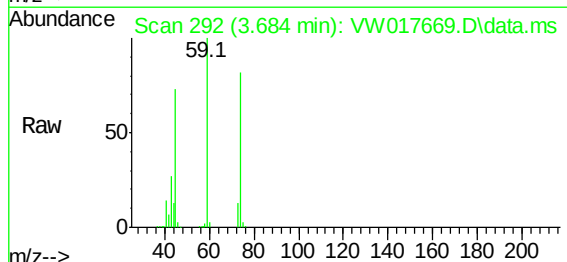
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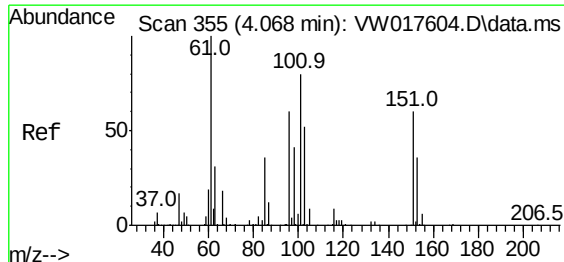
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Diethyl Ether
Concen: 18.91 ug/l
RT: 3.684 min Scan# 292
Delta R.T. -0.000 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

Tgt Ion: 74 Resp: 23632
Ion Ratio Lower Upper
74 100
45 92.4 41.1 123.4



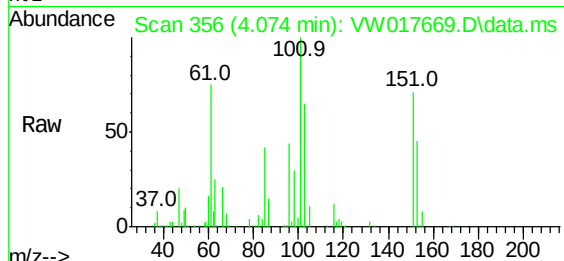


1,1,2-Trichlorotrifluoroethane
Concen: 20.32 ug/l
RT: 4.074 min Scan# 356
Delta R.T. 0.006 min
Lab File: VW017669.D
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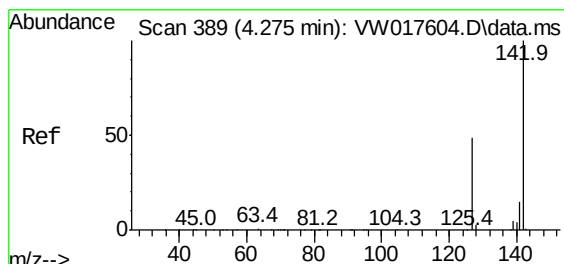
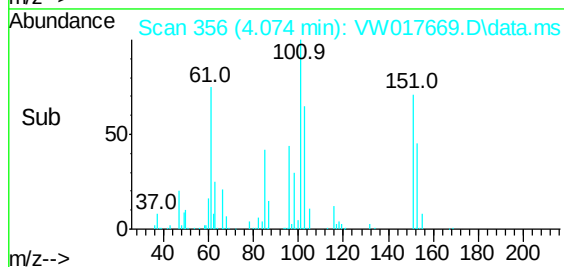
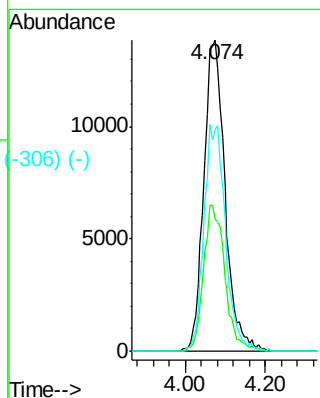
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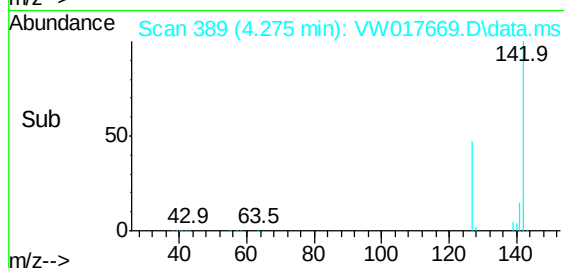
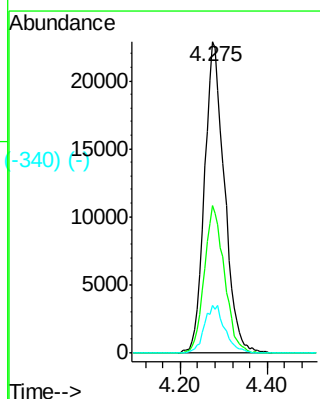
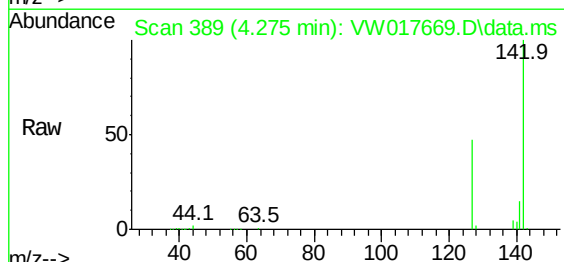


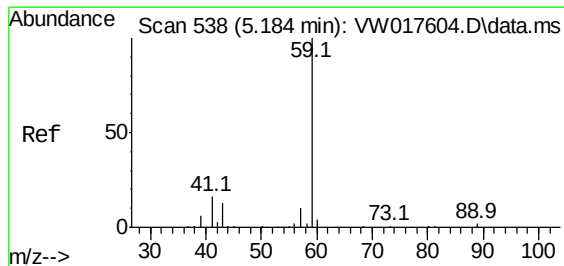
Tgt Ion:101 Resp: 50275
Ion Ratio Lower Upper
101 100
85 47.0 33.2 49.8
151 74.0 66.6 100.0



Methyl Iodide
Concen: 19.96 ug/l
RT: 4.275 min Scan# 389
Delta R.T. -0.000 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

Tgt Ion:142 Resp: 72699
Ion Ratio Lower Upper
142 100
127 47.4 32.4 48.6
141 15.4 11.4 17.0





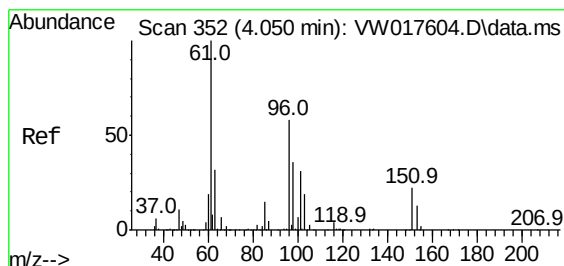
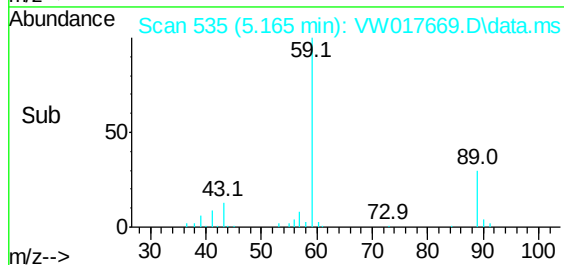
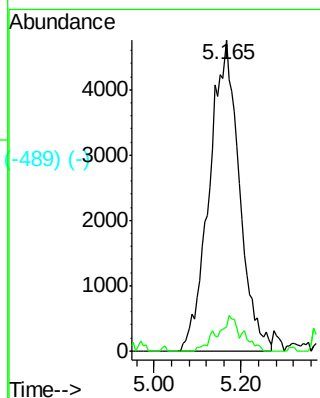
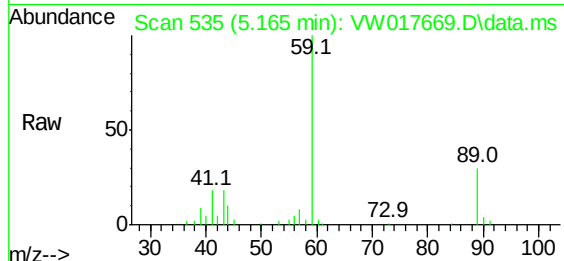
#15 (-)
Tert butyl alcohol
Concen: 89.15 ug/l
RT: 5.165 min Scan# 535
Delta R.T. -0.019 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

Tgt Ion: 59 Resp: 22583
Ion Ratio Lower Upper
59 100
57 3.0 4.7 7.1#

Instrument :
MSVOA_W
ClientSampleId :
VW1218SBSD01

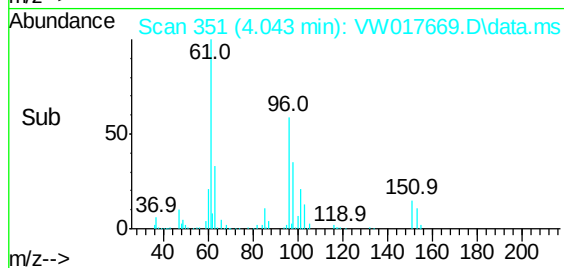
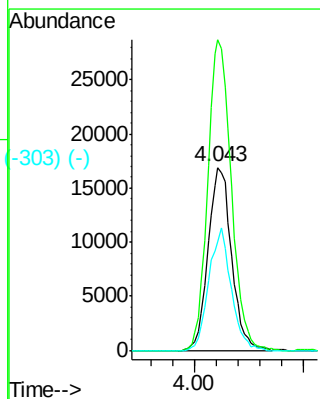
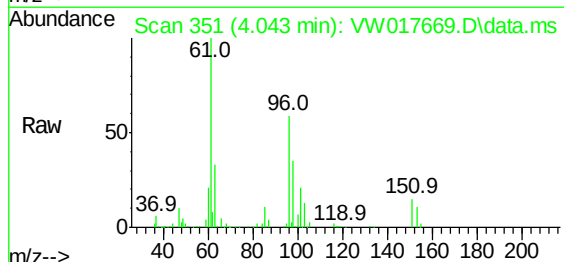
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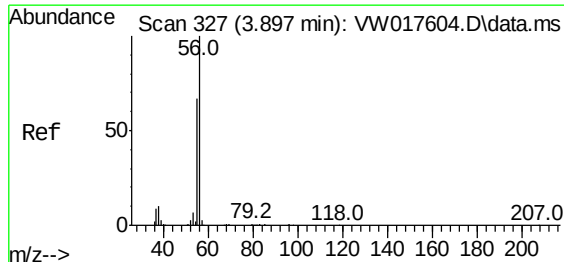
MMDadoda
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#39 (-)
1,1-Dichloroethene
Concen: 19.86 ug/l
RT: 4.043 min Scan# 351
Delta R.T. -0.007 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

Tgt Ion: 96 Resp: 50450
Ion Ratio Lower Upper
96 100
61 169.5 111.7 167.5#
98 59.3 49.0 73.4





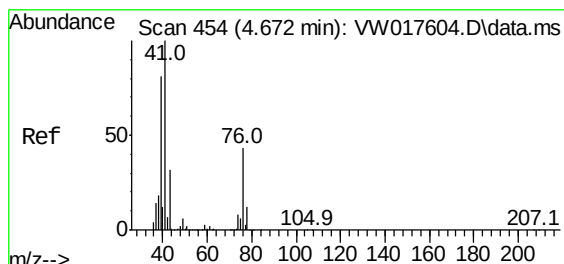
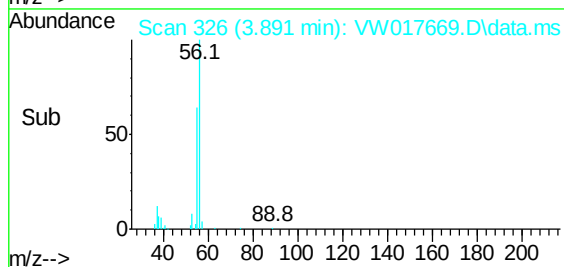
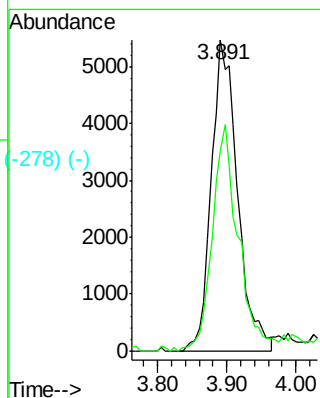
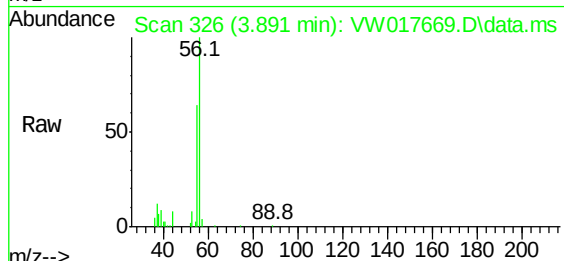
#118 (-)
Acrolein
Concen: 86.95 ug/l
RT: 3.891 min Scan# 326
Delta R.T. -0.006 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

Tgt Ion: 56 Resp: 14351
Ion Ratio Lower Upper
56 100
55 72.2 55.9 83.9

Instrument :
MSVOA_W
ClientSampleId :
VW1218SBSD01

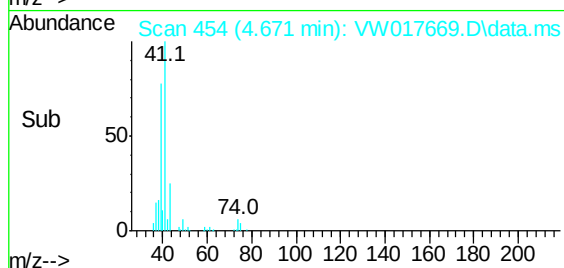
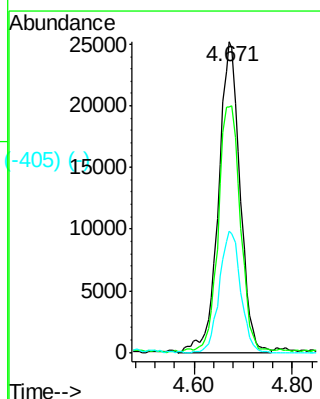
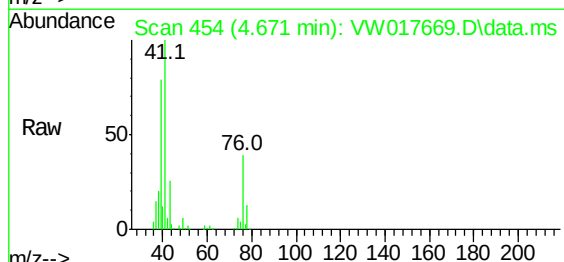
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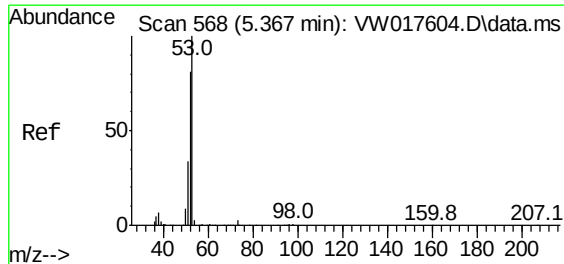
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#434 (-)
Allyl chloride
Concen: 19.59 ug/l
RT: 4.671 min Scan# 454
Delta R.T. -0.001 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

Tgt Ion: 41 Resp: 76660
Ion Ratio Lower Upper
41 100
39 81.4 57.8 86.8
76 38.4 35.1 52.7





Acrylonitrile
Concen: 87.41 ug/l
RT: 5.372 min Scan# 569
Delta R.T. 0.005 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

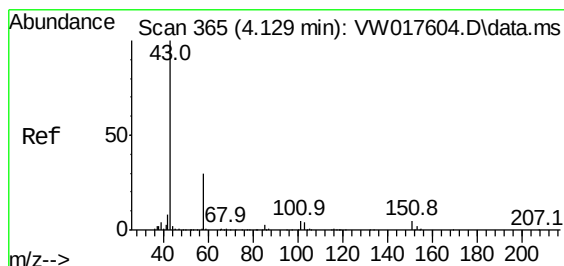
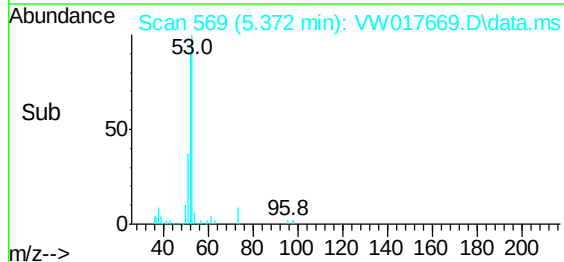
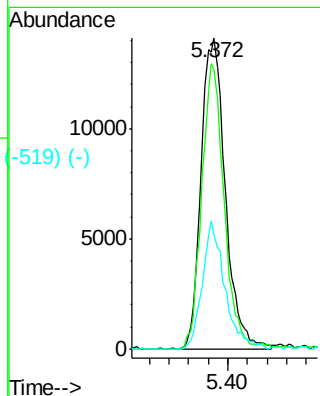
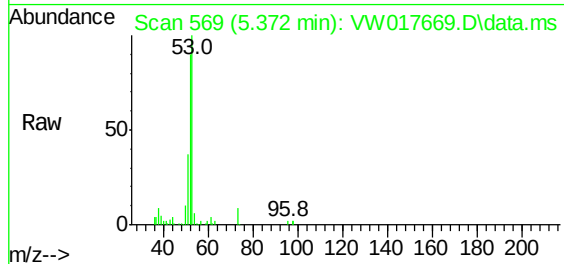
Tgt Ion: 53 Resp: 48368

Ion	Ratio	Lower	Upper
53	100		
52	84.2	65.0	97.4
51	38.1	29.1	43.7

Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

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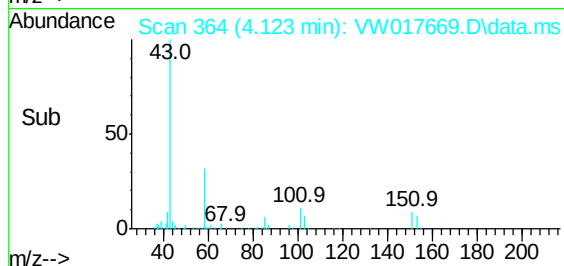
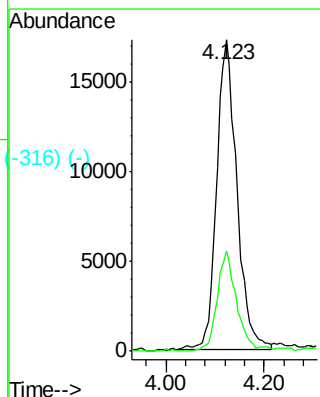
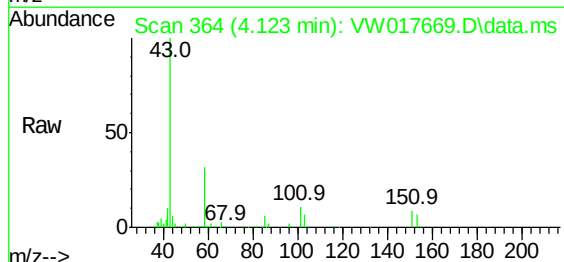
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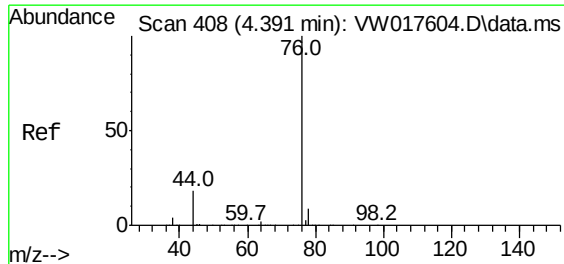


Acetone
Concen: 82.53 ug/l
RT: 4.123 min Scan# 364
Delta R.T. -0.006 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

Tgt Ion: 43 Resp: 49214

Ion	Ratio	Lower	Upper
43	100		
58	32.3	25.7	38.5





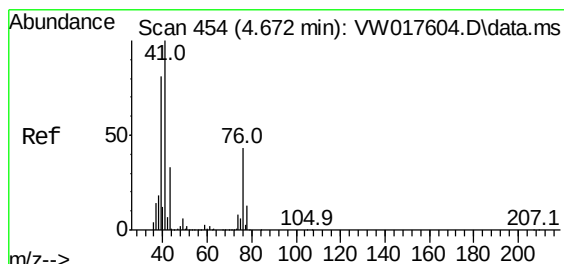
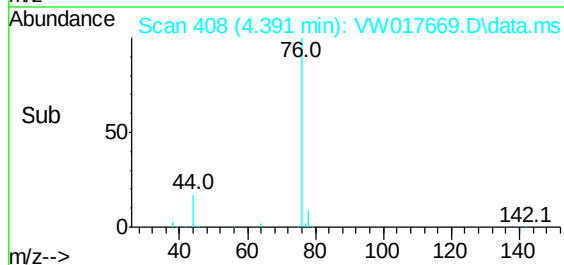
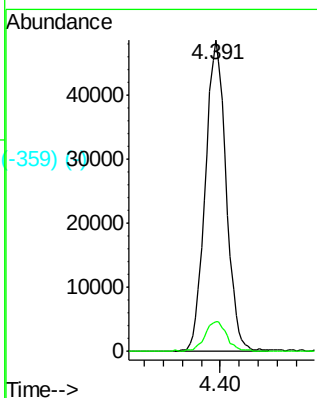
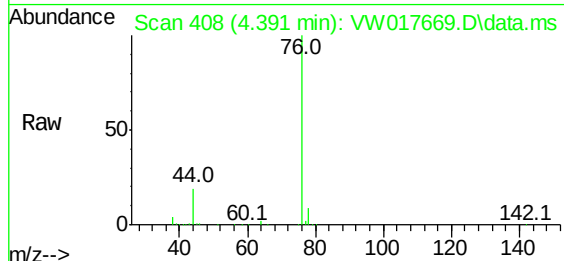
Carbon Disulfide
Concen: 19.62 ug/l
RT: 4.391 min Scan# 408
Delta R.T. -0.000 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

Tgt Ion: 76 Resp: 145759
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2

Instrument :
MSVOA_W
ClientSampleId :
VW1218SBSD01

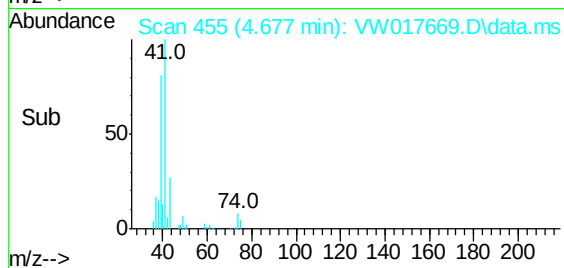
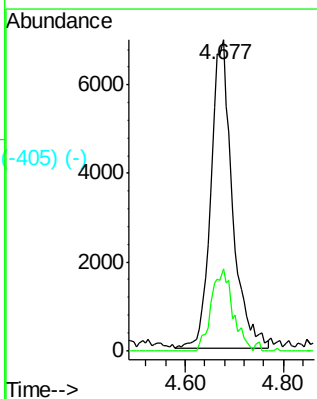
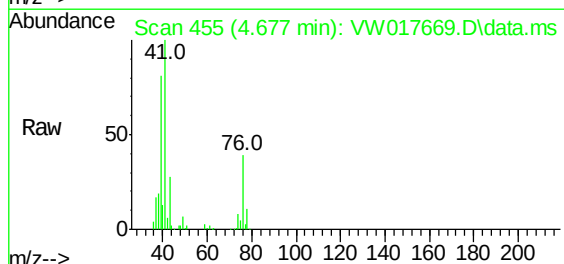
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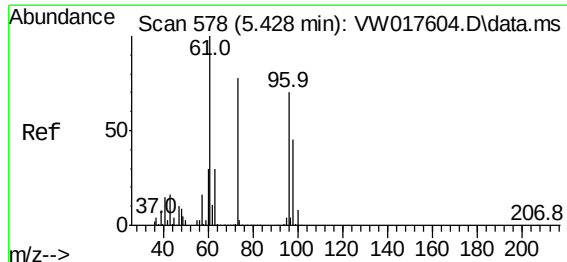
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Methyl Acetate
Concen: 17.35 ug/l
RT: 4.677 min Scan# 455
Delta R.T. 0.005 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

Tgt Ion: 43 Resp: 21032
Ion Ratio Lower Upper
43 100
74 26.2 23.8 35.6



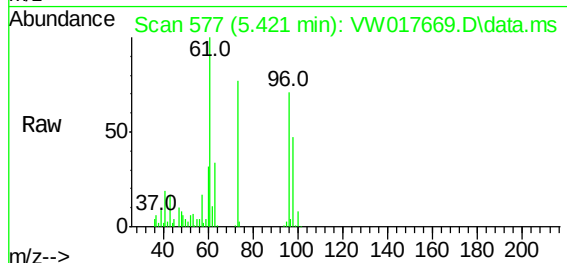


#529 (-)
Methyl tert-butyl Ether
Concen: 19.79 ug/l
RT: 5.421 min Scan# 577
Delta R.T. -0.007 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

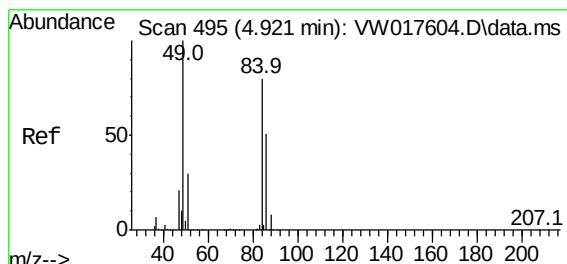
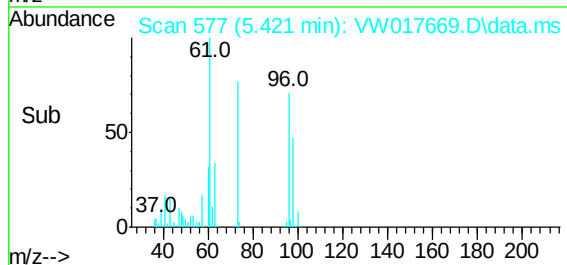
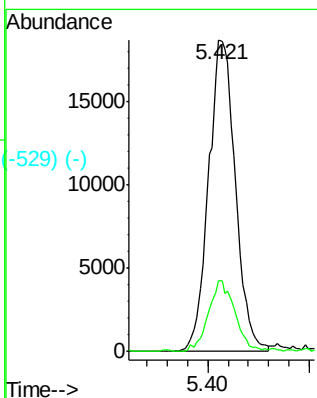
Instrument :
MSVOA_W
ClientSampleId :
VW1218SBSD01

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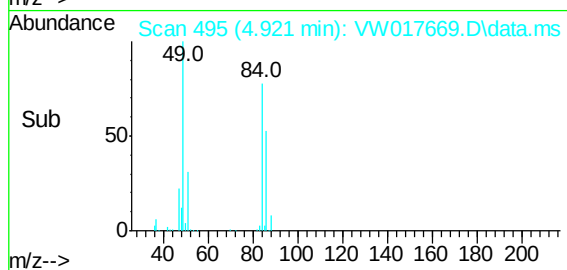
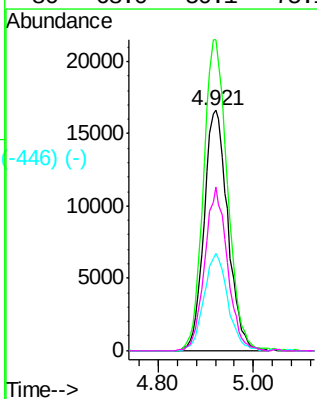
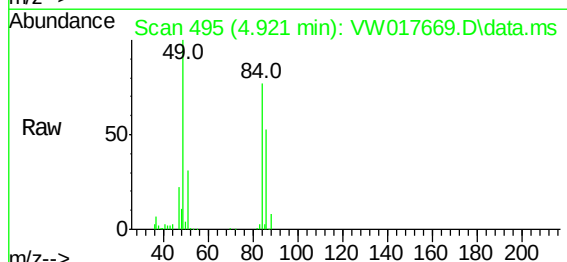


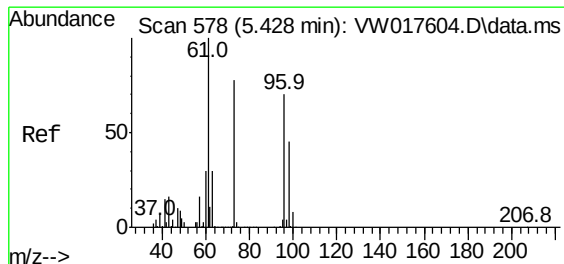
Tgt Ion: 73 Resp: 68031
Ion Ratio Lower Upper
73 100
57 22.8 16.1 24.1



#446 (-)
Methylene Chloride
Concen: 19.04 ug/l
RT: 4.921 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

Tgt Ion: 84 Resp: 57114
Ion Ratio Lower Upper
84 100
49 129.4 79.0 118.6#
51 40.3 26.1 39.1#
86 68.0 50.1 75.1





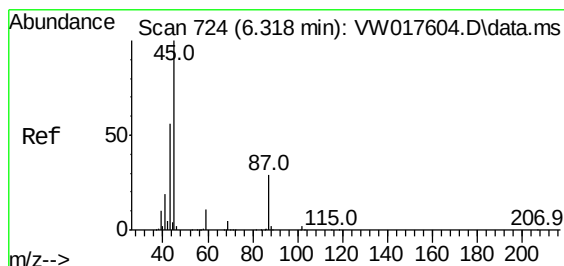
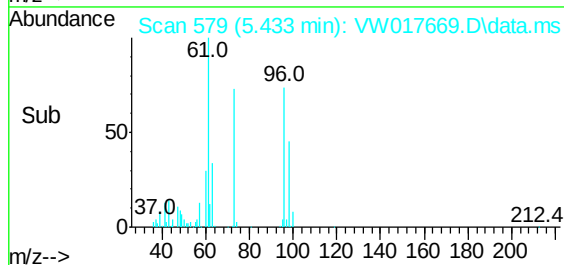
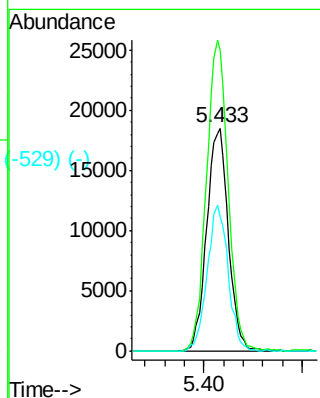
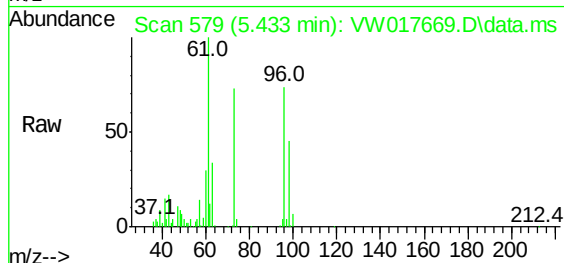
#21 (-)
trans-1,2-Dichloroethene
Concen: 20.01 ug/l
RT: 5.433 min Scan# 579
Delta R.T. 0.005 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

Tgt Ion: 96 Resp: 56480
Ion Ratio Lower Upper
96 100
61 135.1 97.4 146.0
98 60.3 49.4 74.0

Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

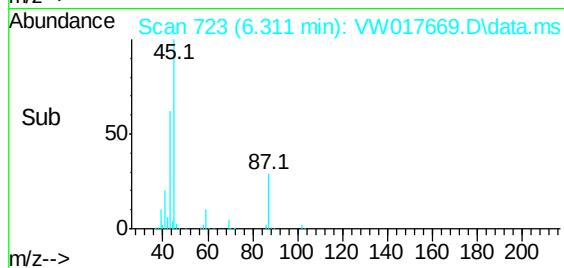
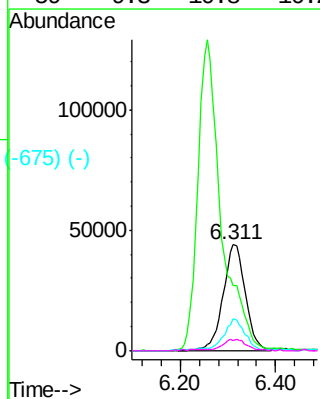
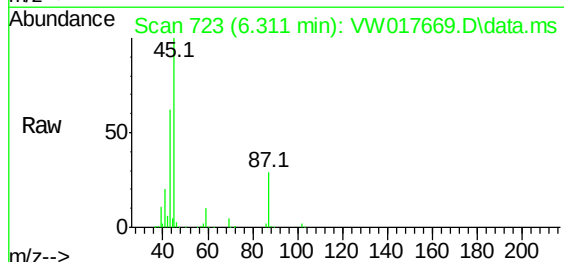
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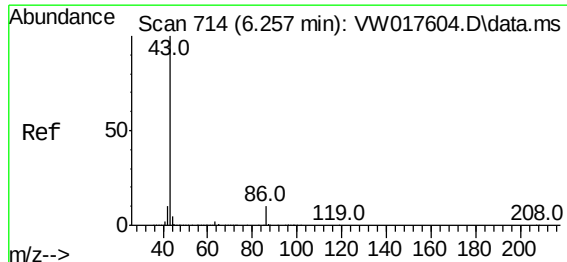
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#22 (-)
Diisopropyl ether
Concen: 19.89 ug/l
RT: 6.311 min Scan# 723
Delta R.T. -0.007 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

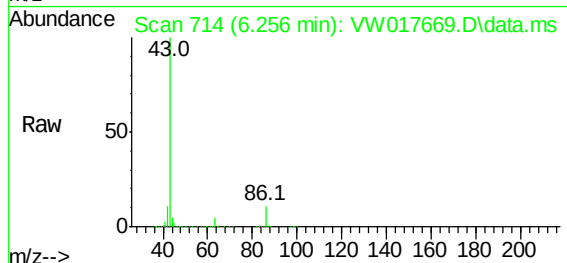
Tgt Ion: 45 Resp: 142026
Ion Ratio Lower Upper
45 100
43 61.1 43.8 65.8
87 29.0 27.6 41.4
59 9.3 10.8 16.2#





#23 (-)
Vinyl Acetate
Concen: 91.53 ug/l
RT: 6.256 min Scan# 714
Delta R.T. -0.001 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

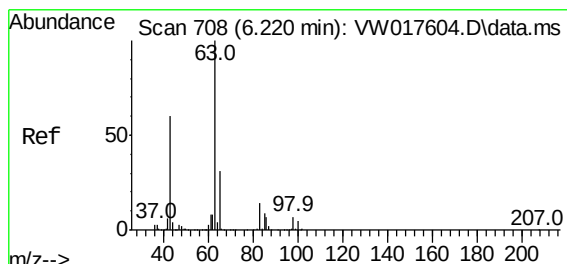
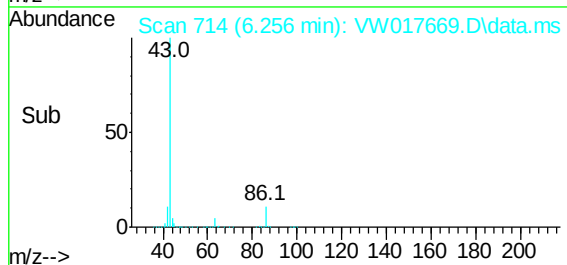
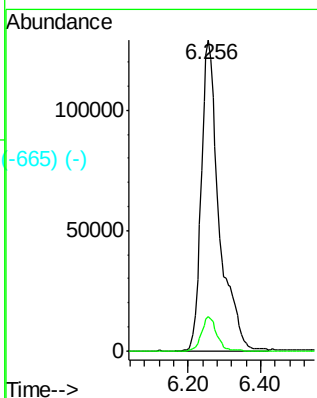
Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01



Tgt Ion: 43 Resp: 439954
Ion Ratio Lower Upper
43 100
86 10.8 10.2 15.4

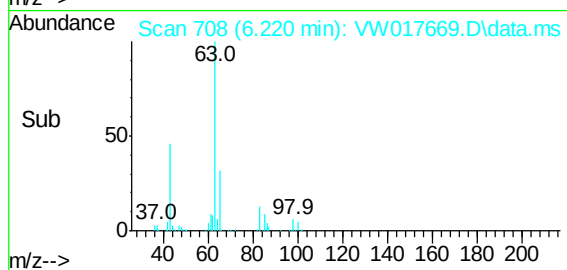
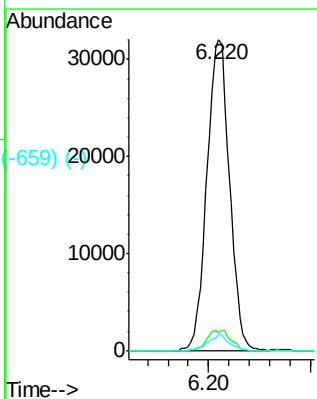
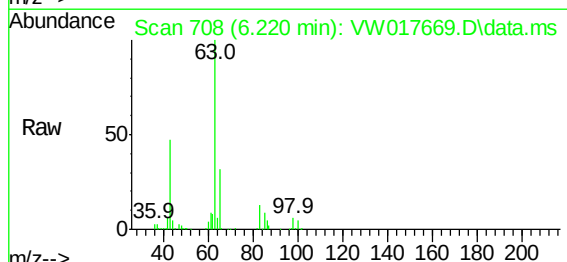
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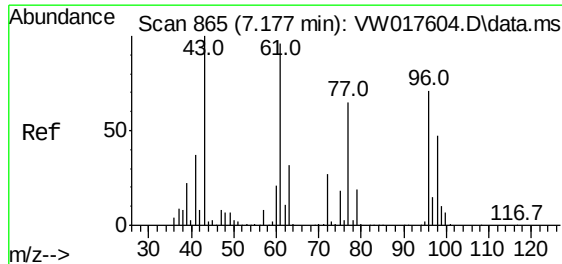
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#24 (-)
1,1-Dichloroethane
Concen: 20.29 ug/l
RT: 6.220 min Scan# 708
Delta R.T. -0.000 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

Tgt Ion: 63 Resp: 98377
Ion Ratio Lower Upper
63 100
98 5.7 4.2 12.6
100 5.3 2.6 7.8





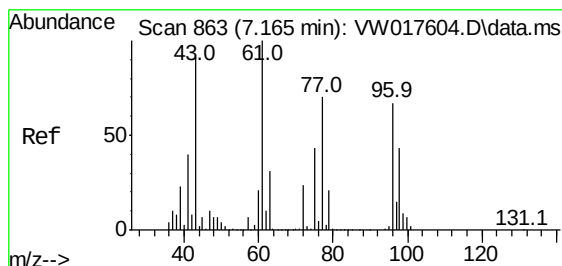
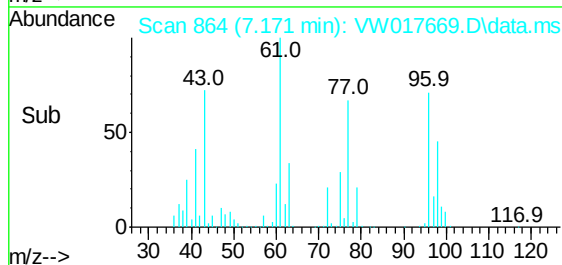
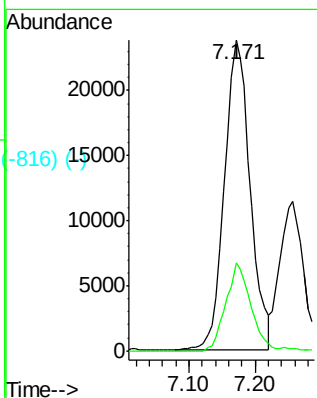
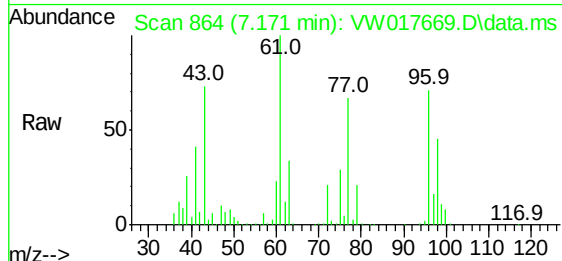
2-Butanone
Concen: 80.32 ug/l
RT: 7.171 min Scan# 864
Delta R.T. -0.006 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

Tgt Ion: 43 Resp: 63773
Ion Ratio Lower Upper
43 100
72 28.4 25.4 38.2

Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

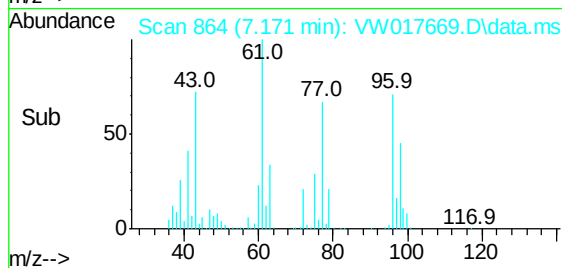
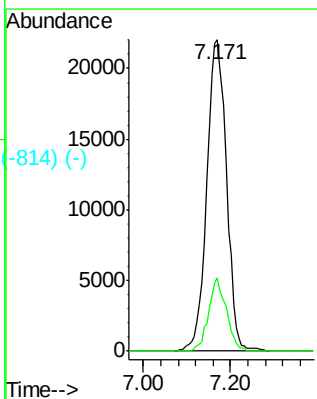
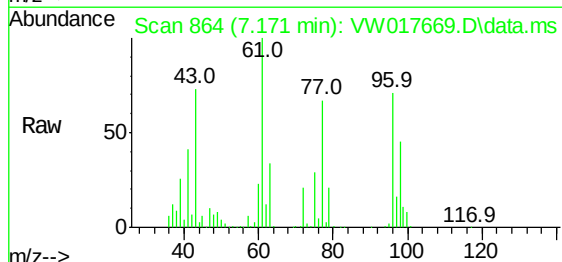
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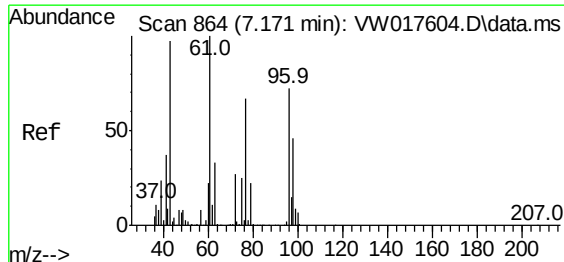
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2,2-Dichloropropane
Concen: 18.42 ug/l
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

Tgt Ion: 77 Resp: 67745
Ion Ratio Lower Upper
77 100
97 20.8 12.4 37.4





#27 (-)
cis-1,2-Dichloroethene
Concen: 20.14 ug/l
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

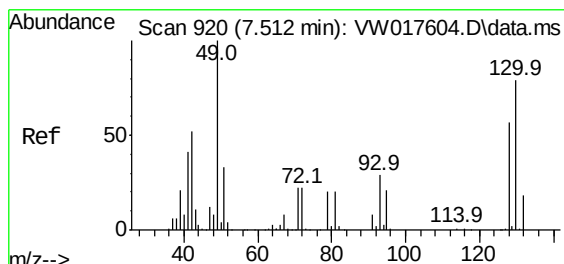
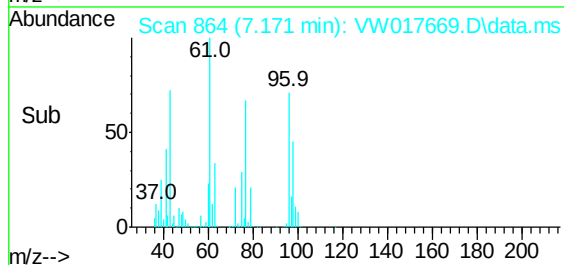
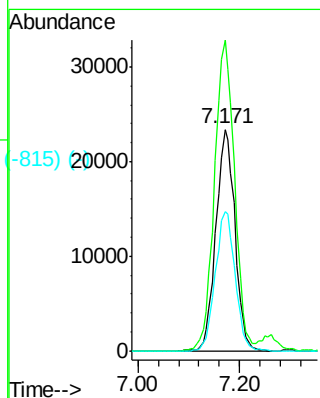
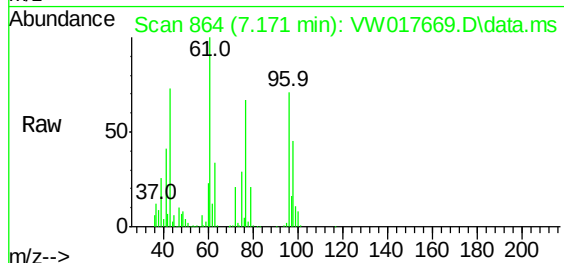
Tgt Ion: 96 Resp: 60702

Ion	Ratio	Lower	Upper
96	100		
61	148.0	0.0	249.6
98	65.4	0.0	129.4

Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

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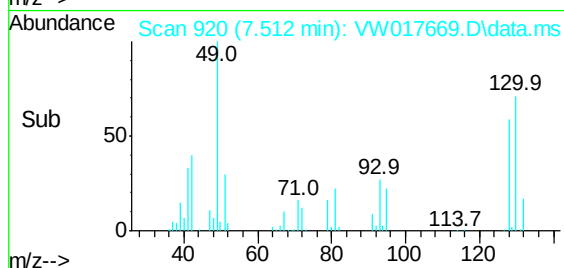
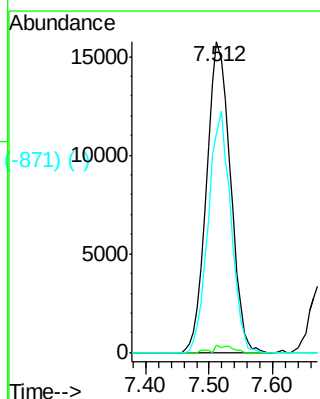
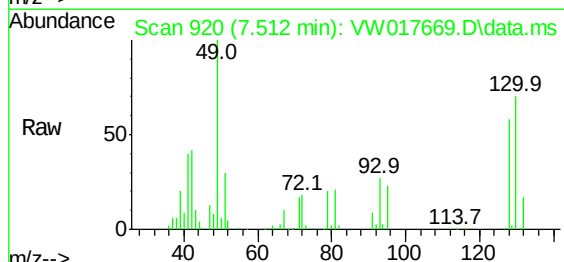
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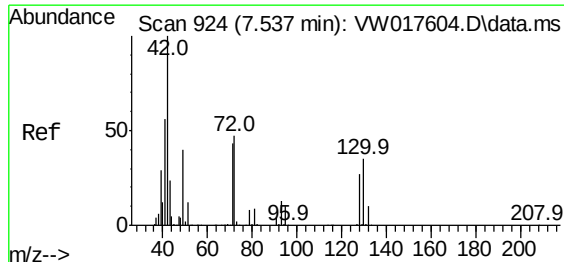


#28 (-)
Bromochloromethane
Concen: 19.21 ug/l
RT: 7.512 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

Tgt Ion: 49 Resp: 39598

Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	4.8
130	73.4	81.3	121.9#





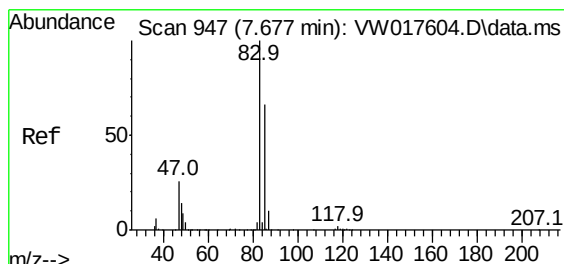
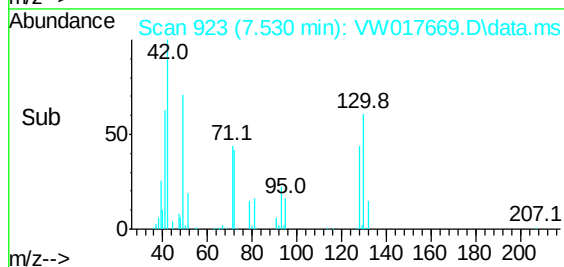
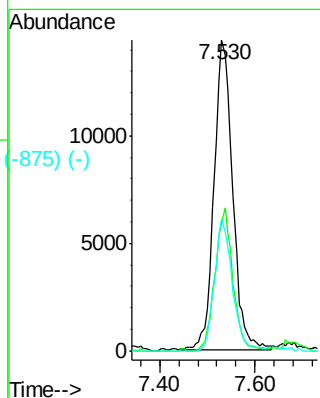
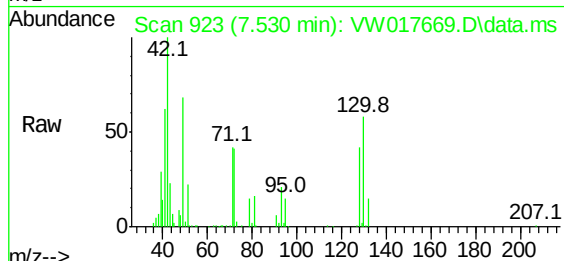
Tetrahydrofuran
Concen: 86.62 ug/l
RT: 7.530 min Scan# 923
Delta R.T. -0.007 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

Tgt Ion:	42	Resp:	38686
Ion	Ratio	Lower	Upper
42	100		
72	44.4	42.0	63.0
71	41.1	39.0	58.6

Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

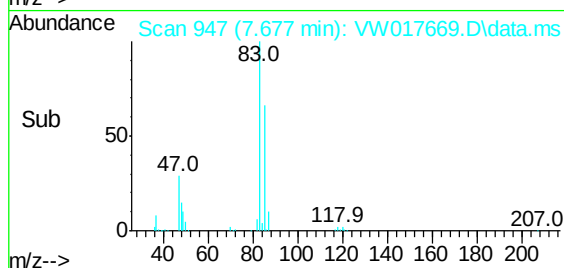
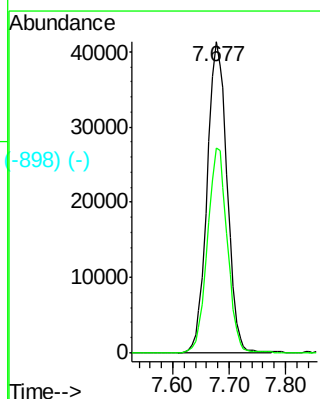
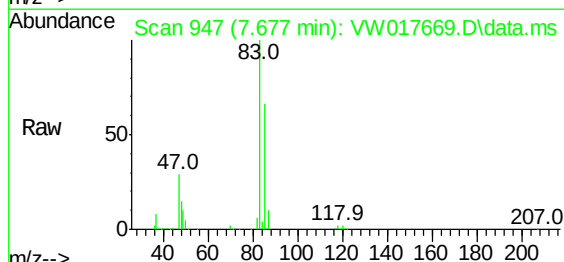
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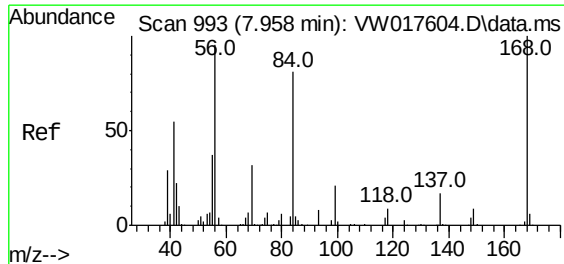
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Chloroform
Concen: 20.28 ug/l
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

Tgt Ion:	83	Resp:	99873
Ion	Ratio	Lower	Upper
83	100		
85	65.7	51.7	77.5





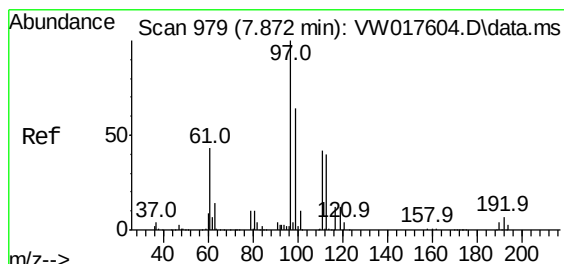
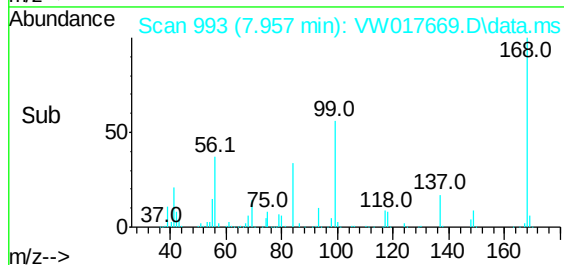
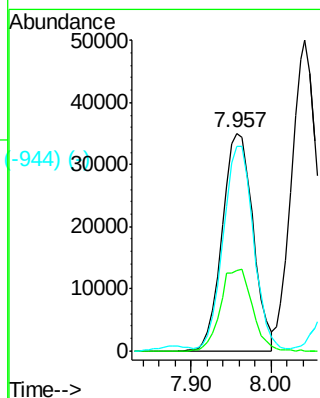
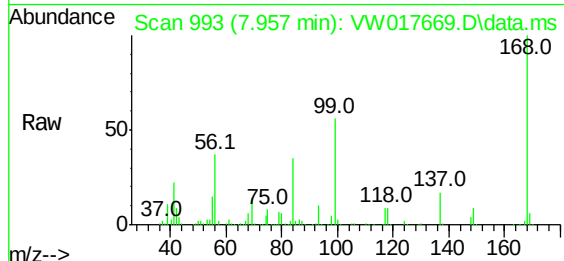
Cyclohexane
Concen: 19.66 ug/l
RT: 7.957 min Scan# 993
Delta R.T. -0.001 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

Tgt Ion: 56 Resp: 93071
Ion Ratio Lower Upper
56 100
69 36.9 29.3 43.9
84 91.5 80.5 120.7

Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

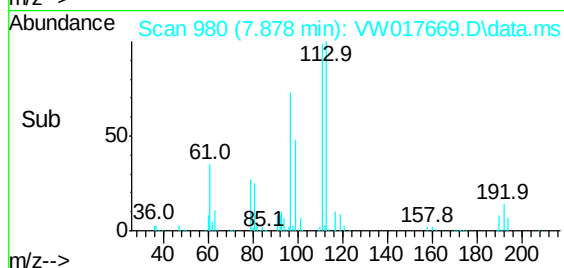
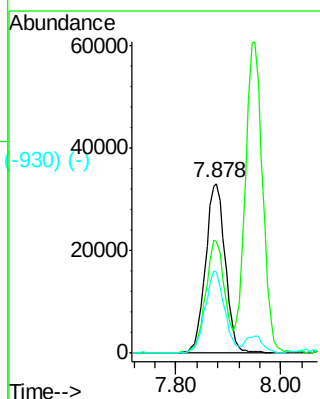
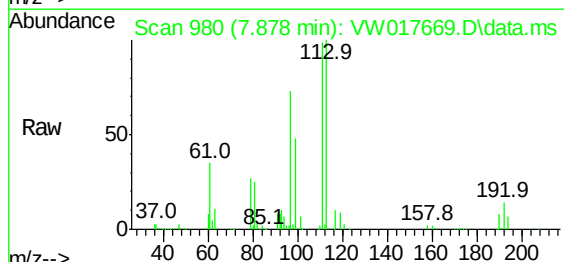
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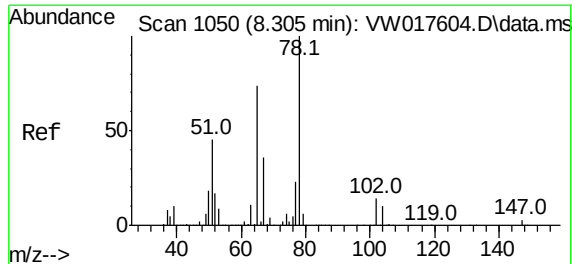
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1,1,1-Trichloroethane
Concen: 20.18 ug/l
RT: 7.878 min Scan# 980
Delta R.T. 0.006 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

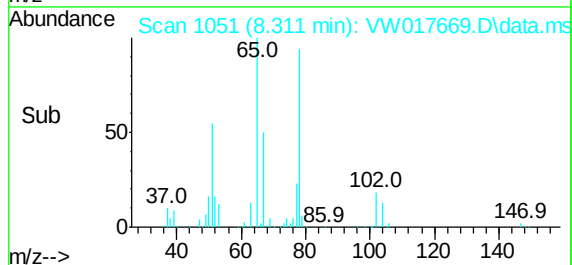
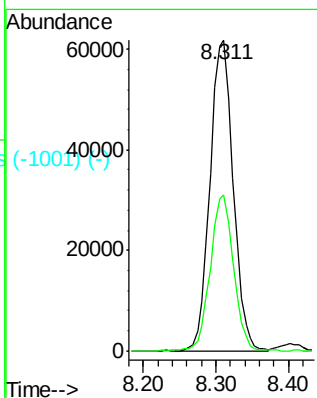
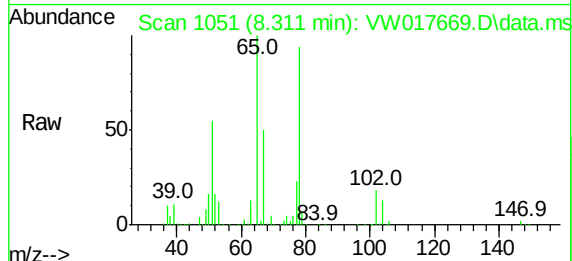
Tgt Ion: 97 Resp: 84948
Ion Ratio Lower Upper
97 100
99 63.8 52.4 78.6
61 47.6 31.9 47.9





(#1084) (-)
 1,2-Dichloroethane-d4
 Concen: 49.59 ug/l
 RT: 8.311 min Scan# 1051
 Delta R.T. 0.006 min
 Lab File: VW017669.D
 Acq: 18 Dec 2020 12:16

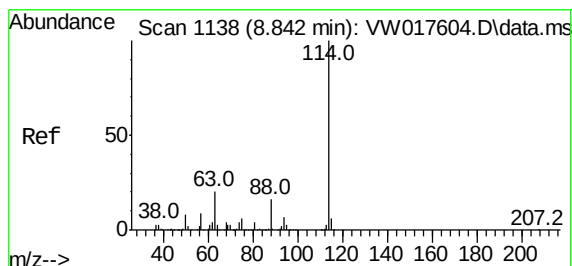
Tgt Ion: 65 Resp: 135900
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 103.8



Instrument :
 MSVOA_W
 ClientSampleId :
 VW1218SBS01

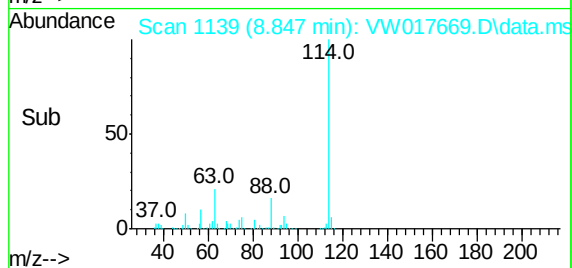
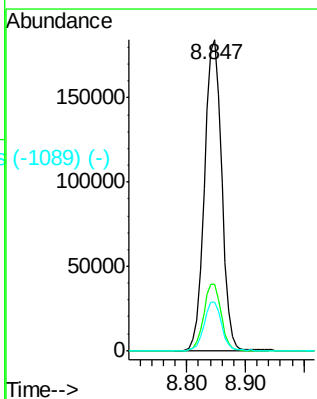
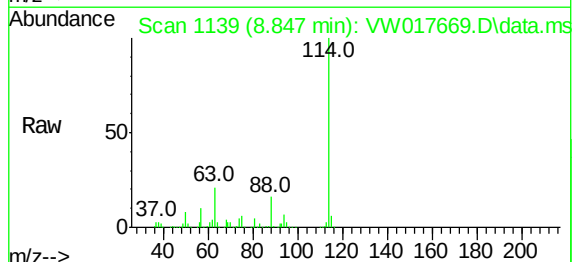
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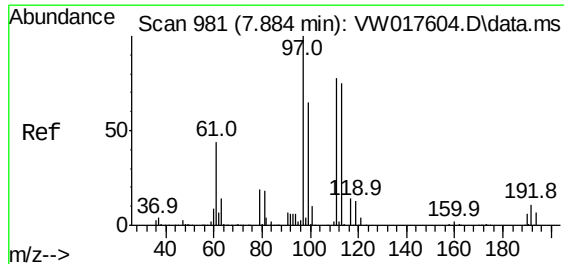
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(#1128) (-)
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.847 min Scan# 1139
 Delta R.T. 0.005 min
 Lab File: VW017669.D
 Acq: 18 Dec 2020 12:16

Tgt Ion:114 Resp: 372720
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 35.6
 88 15.7 0.0 30.4





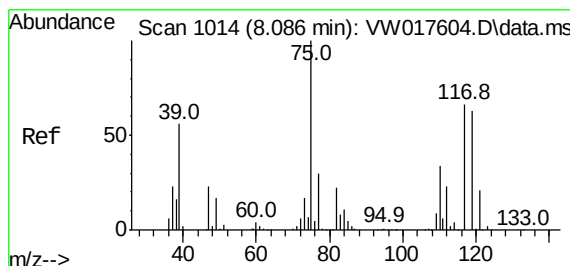
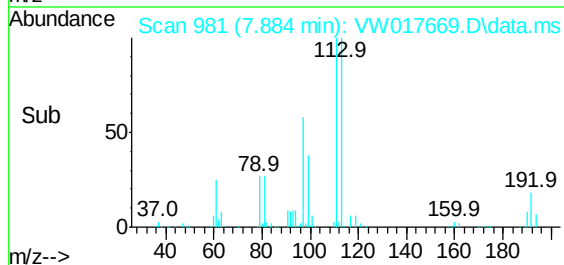
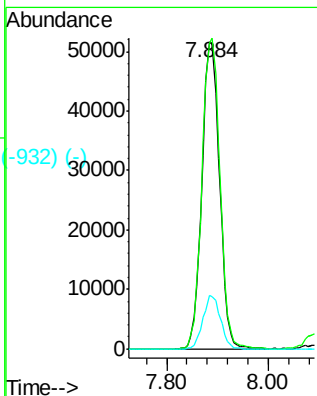
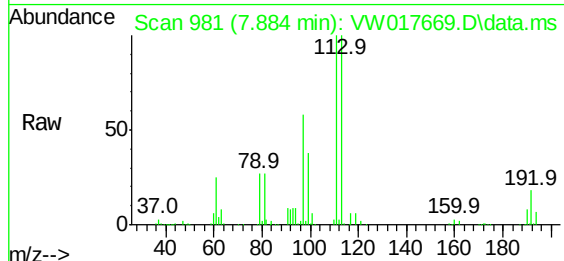
#935 (-)
Dibromofluoromethane
Concen: 50.10 ug/l
RT: 7.884 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

Tgt Ion: 113 Resp: 123579
Ion Ratio Lower Upper
113 100
111 103.4 81.4 122.2
192 17.3 17.8 26.8#

Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

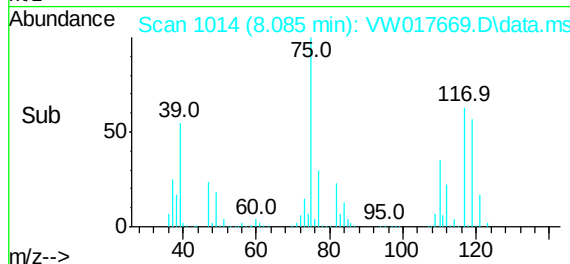
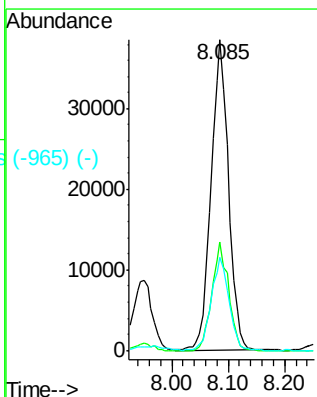
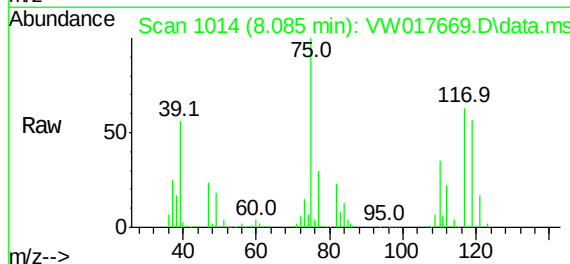
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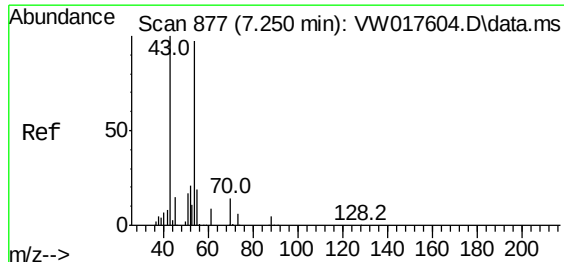
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#1001 (-)
1,1-Dichloropropene
Concen: 21.03 ug/l
RT: 8.085 min Scan# 1014
Delta R.T. -0.001 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

Tgt Ion: 75 Resp: 82063
Ion Ratio Lower Upper
75 100
110 33.6 19.3 57.9
77 30.7 25.0 37.6





Ethyl Acetate
Concen: 16.17 ug/l
RT: 7.256 min Scan# 878
Delta R.T. 0.006 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

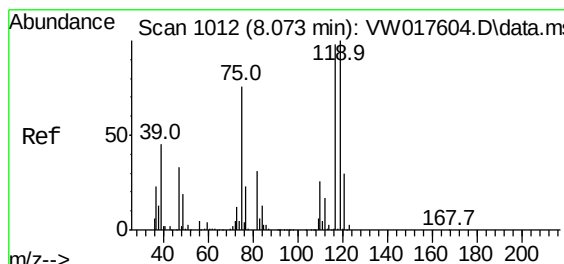
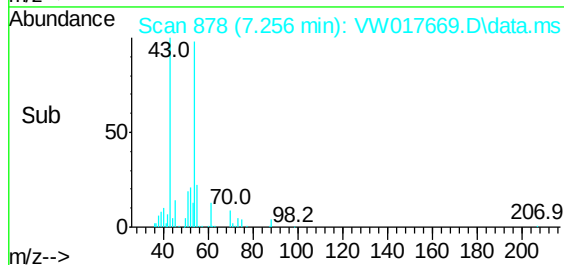
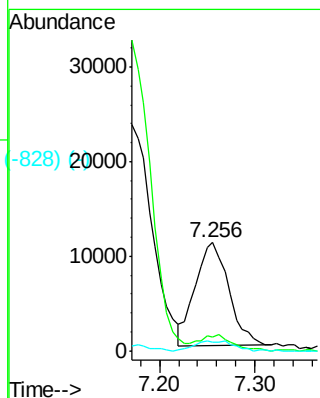
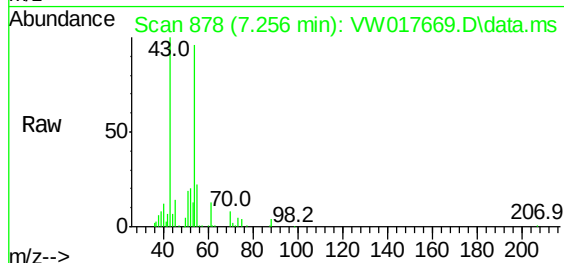
Tgt Ion: 43 Resp: 26376

Ion	Ratio	Lower	Upper
43	100		
61	15.0	12.0	18.0
70	10.9	9.9	14.9

Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

Manual Integrations
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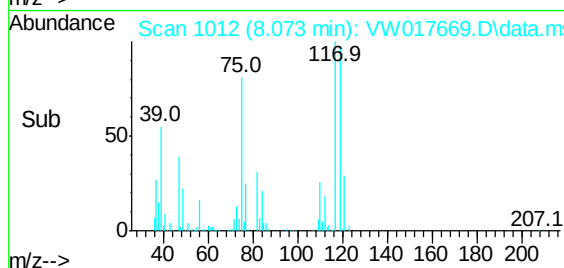
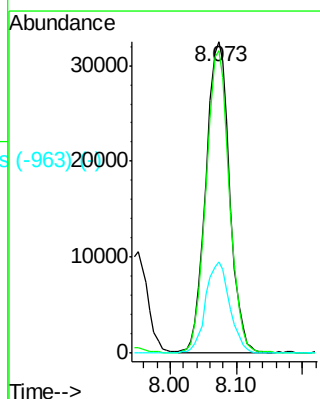
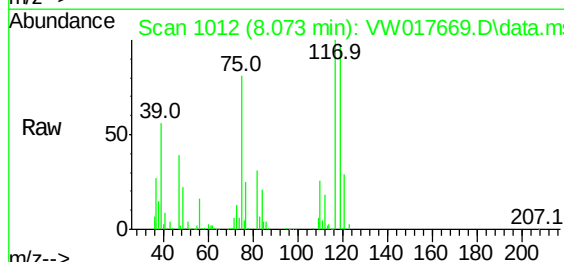
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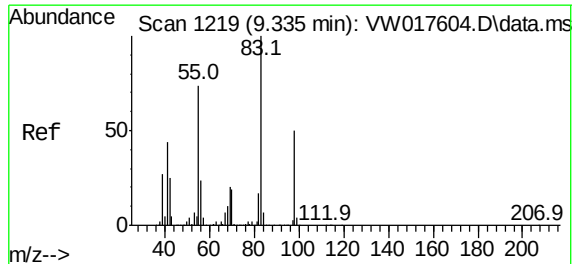


Carbon Tetrachloride
Concen: 20.47 ug/l
RT: 8.073 min Scan# 1012
Delta R.T. 0.000 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

Tgt Ion: 117 Resp: 80296

Ion	Ratio	Lower	Upper
117	100		
119	97.1	81.6	122.4
121	29.0	25.7	38.5





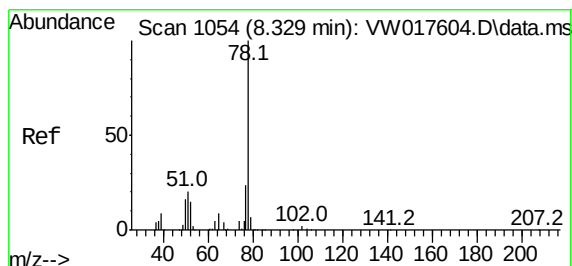
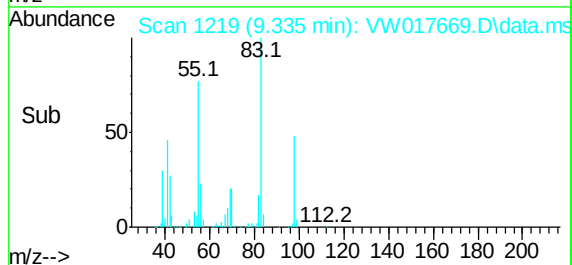
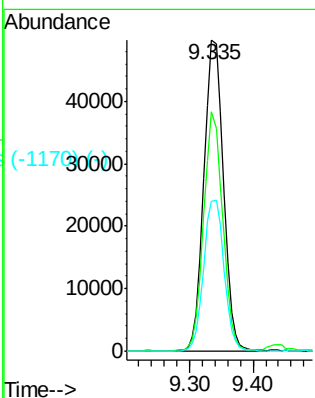
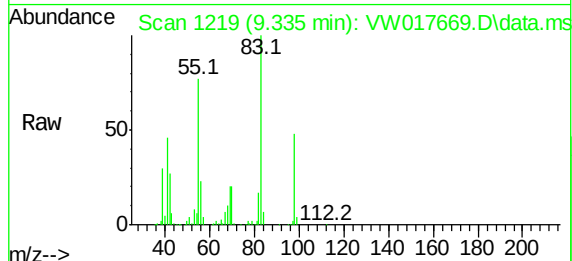
(#120) (-)
Methylcyclohexane
Concen: 20.60 ug/l
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

Tgt Ion: 83 Resp: 101829
Ion Ratio Lower Upper
83 100
55 76.8 51.7 77.5
98 48.2 41.0 61.4

Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

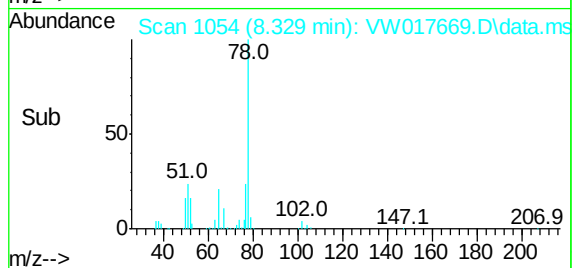
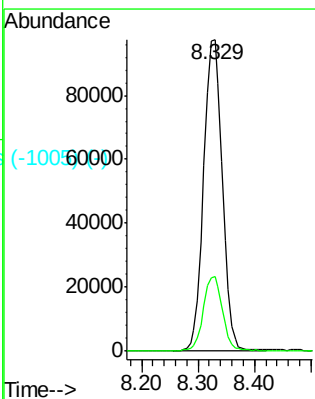
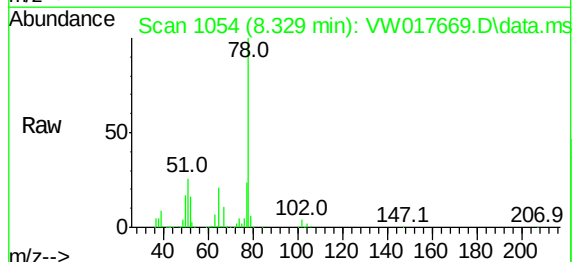
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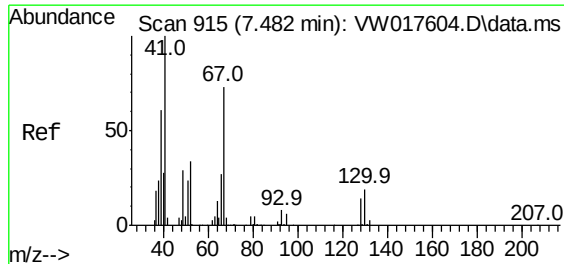
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(#109) (-)
Benzene
Concen: 21.41 ug/l
RT: 8.329 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

Tgt Ion: 78 Resp: 221325
Ion Ratio Lower Upper
78 100
77 23.8 18.5 27.7





Methacrylonitrile
Concen: 16.21 ug/l
RT: 7.488 min Scan# 916
Delta R.T. 0.006 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

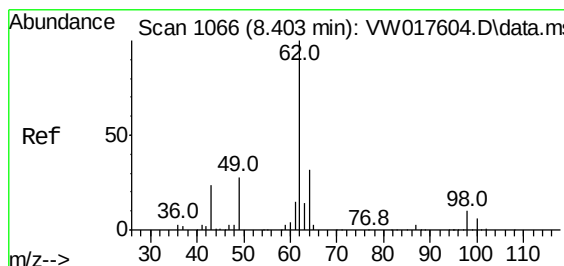
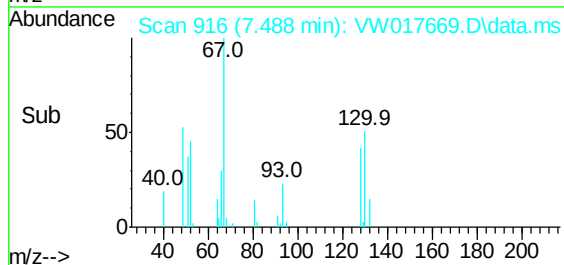
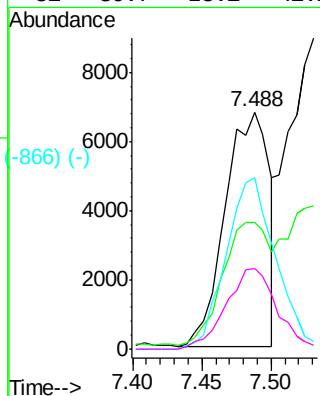
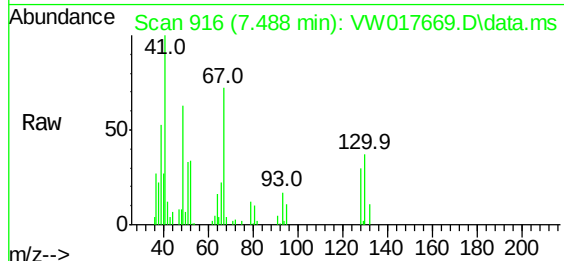
Tgt Ion: 41 Resp: 14935

Ion	Ratio	Lower	Upper
41	100		
39	56.1	47.0	70.6
67	82.4	68.6	102.8
52	39.7	28.1	42.1

Instrument :
MSVOA_W
ClientSampleId :
VW1218SBSD01

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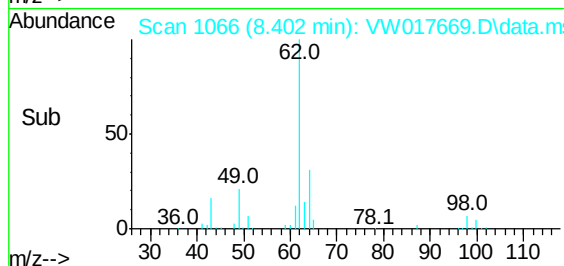
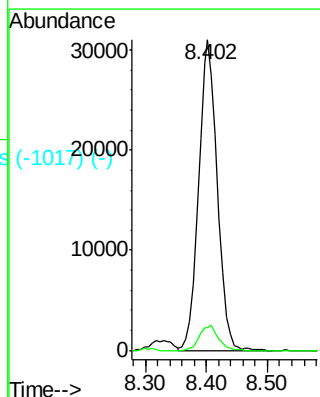
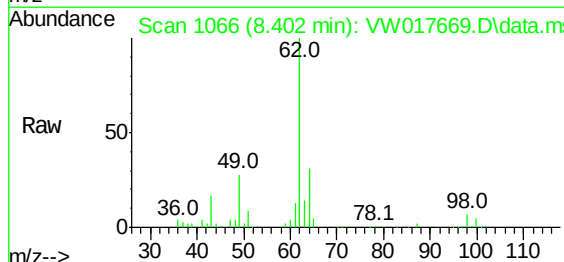
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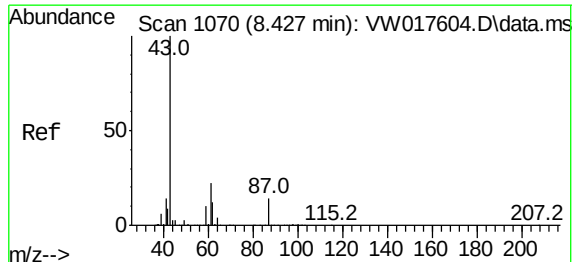


1,2-Dichloroethane
Concen: 21.18 ug/l
RT: 8.402 min Scan# 1066
Delta R.T. -0.001 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

Tgt Ion: 62 Resp: 66666

Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	21.0



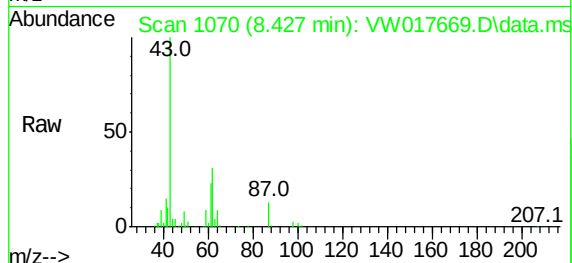


(#1061) (-)
Isopropyl Acetate
Concen: 17.53 ug/l
RT: 8.427 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

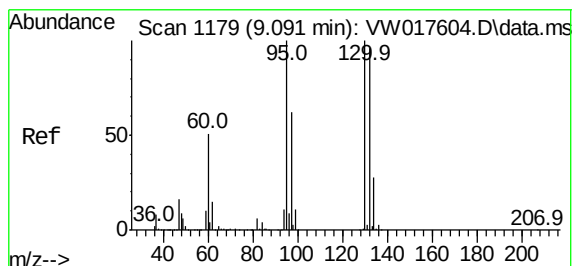
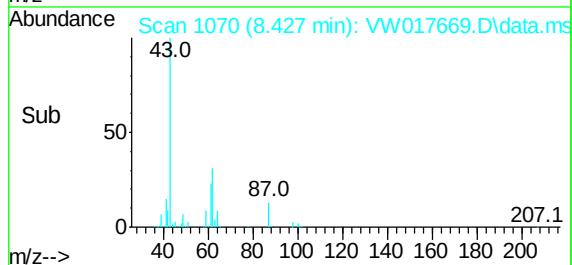
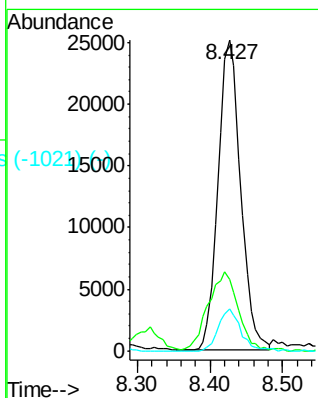
Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

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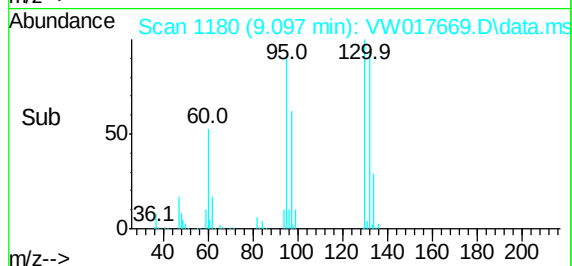
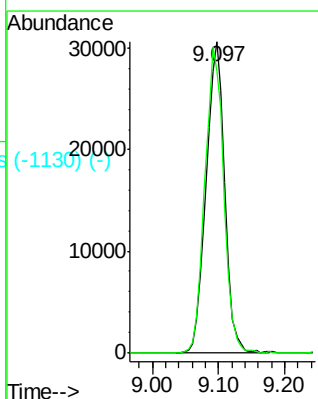
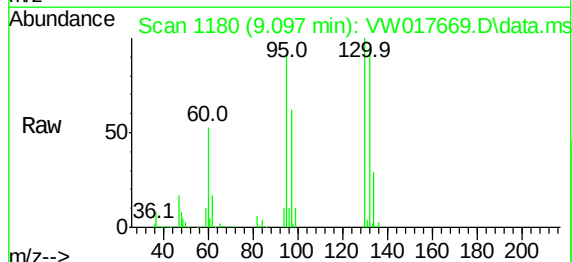


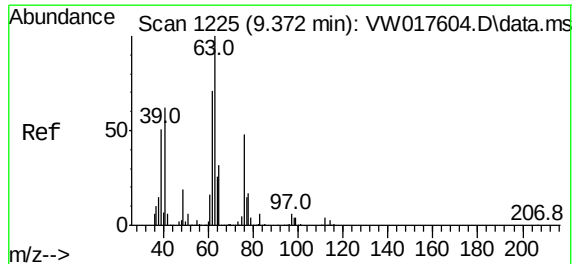
Tgt Ion: 43 Resp: 53630
Ion Ratio Lower Upper
43 100
61 34.2 27.5 41.3
87 13.3 13.6 20.4#



(#1169) (-)
Trichloroethene
Concen: 20.95 ug/l
RT: 9.097 min Scan# 1180
Delta R.T. 0.006 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

Tgt Ion:130 Resp: 59752
Ion Ratio Lower Upper
130 100
95 90.7 0.0 180.2



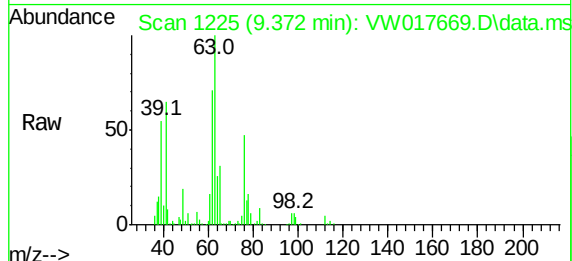


(#113) (-)
1,2-Dichloropropane
Concen: 21.04 ug/l
RT: 9.372 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

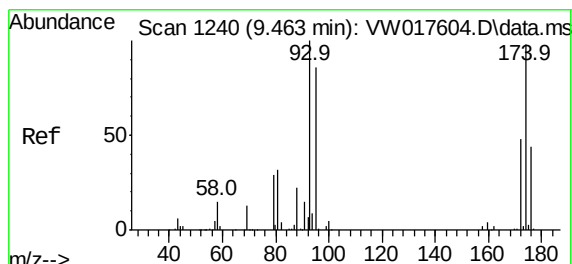
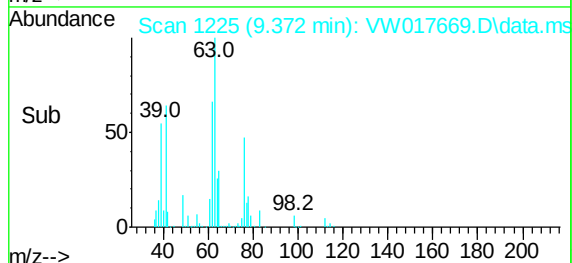
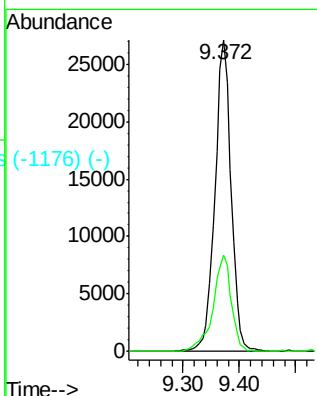
Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

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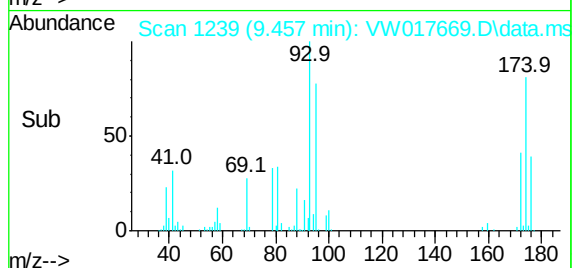
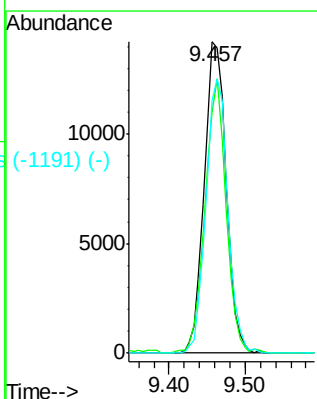
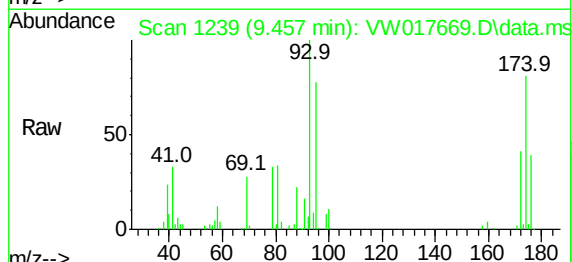


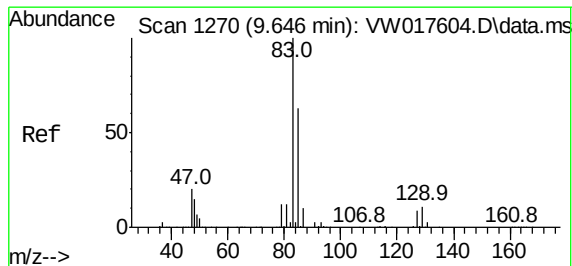
Tgt Ion: 63 Resp: 53678
Ion Ratio Lower Upper
63 100
65 30.6 25.1 37.7



(#112) (-)
Dibromomethane
Concen: 19.91 ug/l
RT: 9.457 min Scan# 1239
Delta R.T. -0.006 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

Tgt Ion: 93 Resp: 28417
Ion Ratio Lower Upper
93 100
95 83.8 66.5 99.7
174 87.7 91.0 136.6#



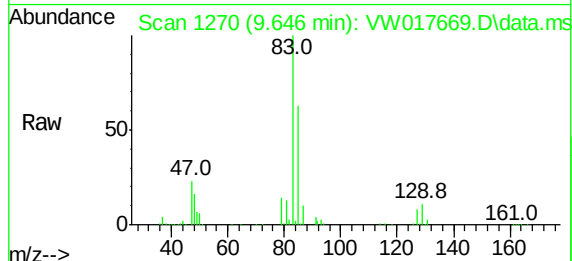


(#1258) (-)
Bromodichloromethane
Concen: 20.66 ug/l
RT: 9.646 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

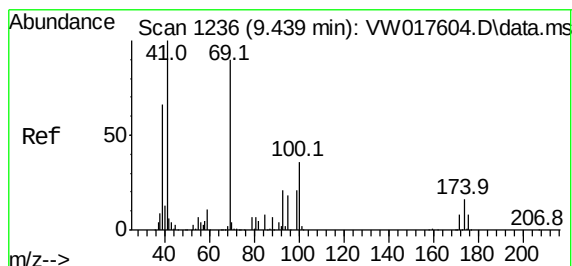
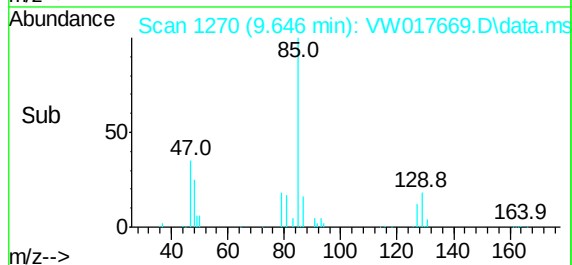
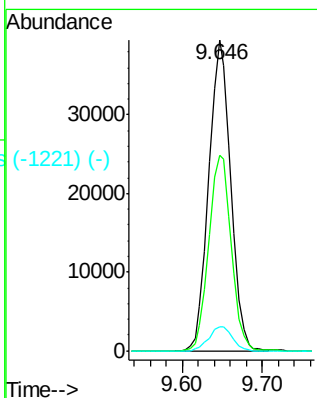
Instrument :
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ClientSampleId :
VW1218SBS01

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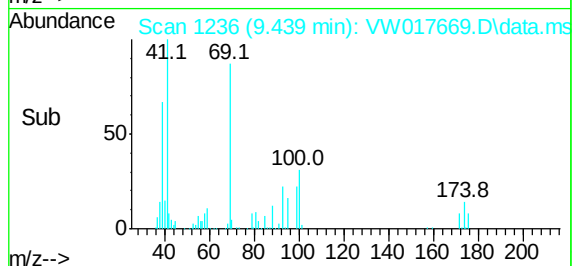
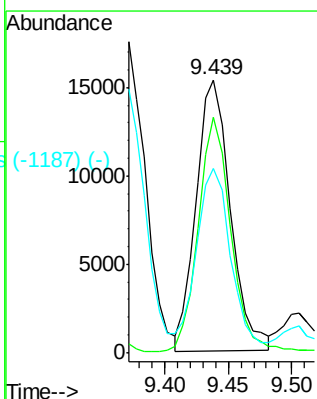
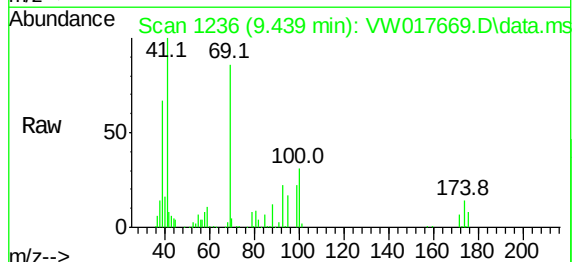


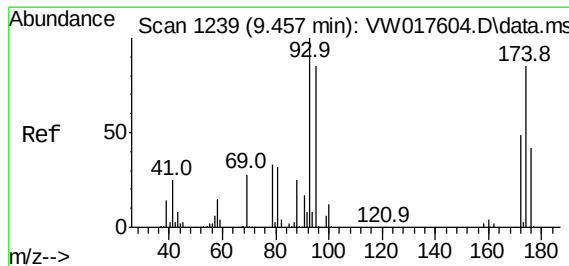
Tgt Ion: 83 Resp: 75146
Ion Ratio Lower Upper
83 100
85 63.0 52.7 79.1
127 7.7 7.8 11.6#



(#1180) (-)
Methyl methacrylate
Concen: 18.80 ug/l
RT: 9.439 min Scan# 1236
Delta R.T. -0.000 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

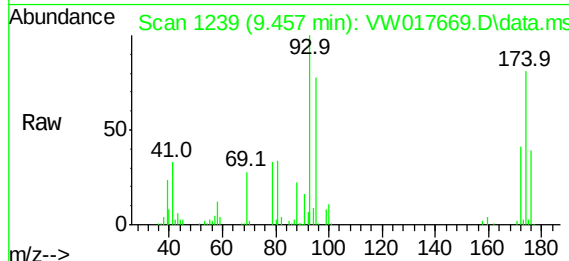
Tgt Ion: 41 Resp: 28224
Ion Ratio Lower Upper
41 100
69 82.1 83.5 125.3#
39 60.7 50.9 76.3





#1230 (-)
1,4-Dioxane
Concen: 360.93 ug/l
RT: 9.457 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

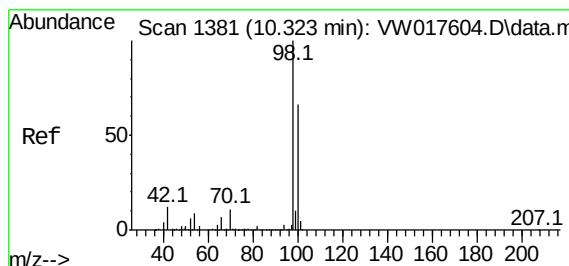
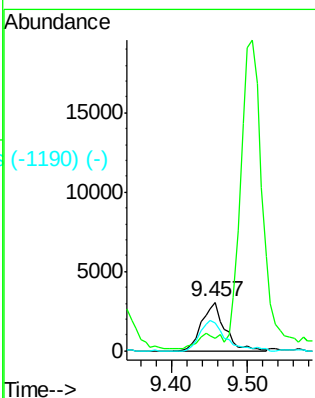
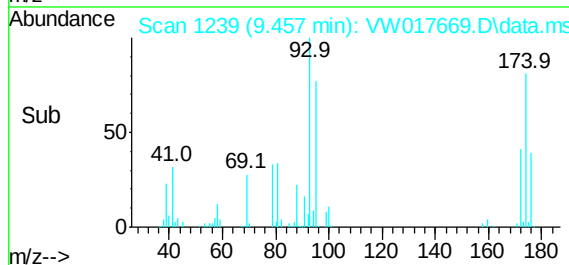
Instrument :
MSVOA_W
ClientSampleId :
VW1218SBSD01



Tgt Ion: 88 Resp: 6372
Ion Ratio Lower Upper
88 100
43 31.7 0.0 0.0#
58 69.2 54.0 81.0

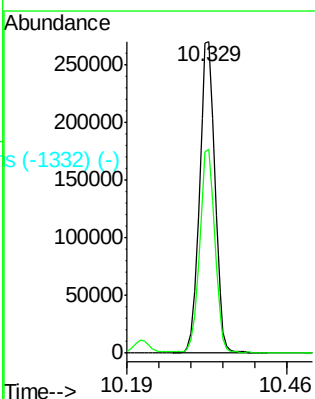
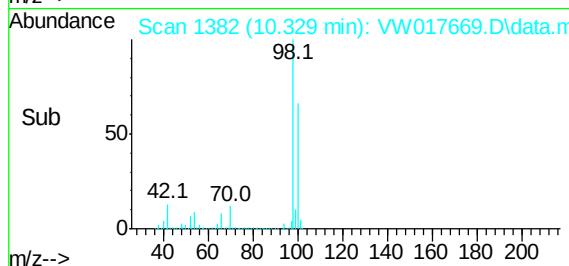
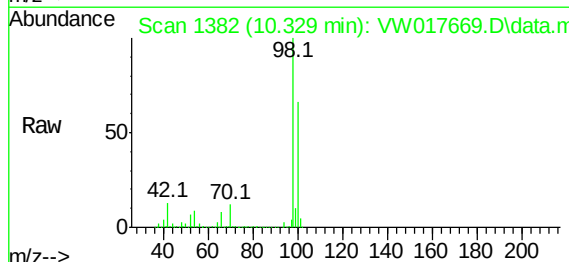
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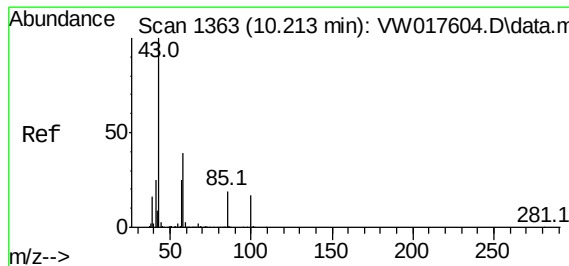
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#51071 (-)
To Luene-d8
Concen: 50.85 ug/l
RT: 10.329 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

Tgt Ion: 98 Resp: 488336
Ion Ratio Lower Upper
98 100
100 64.8 53.3 79.9





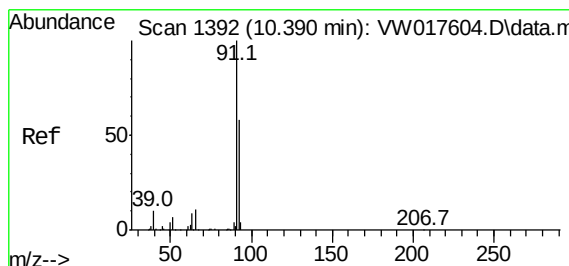
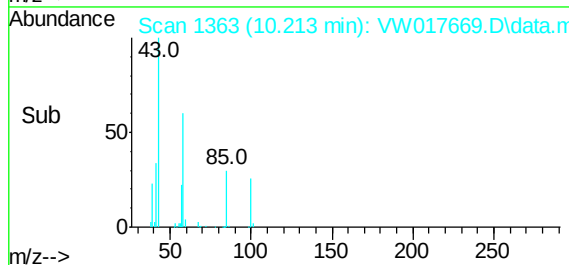
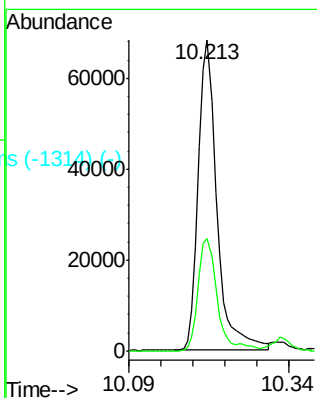
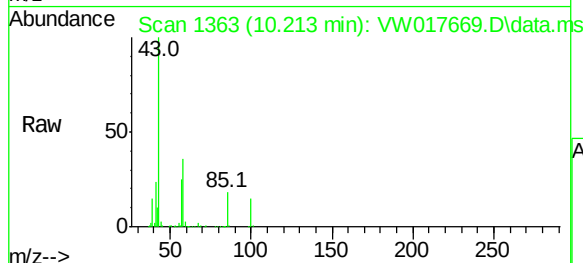
#51853 (-)
4-Methyl-2-Pentanone
Concen: 87.90 ug/l
RT: 10.213 min Scan# 1363
Delta R.T. -0.000 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

Tgt Ion: 43 Resp: 133846
Ion Ratio Lower Upper
43 100
58 37.1 34.7 52.1

Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

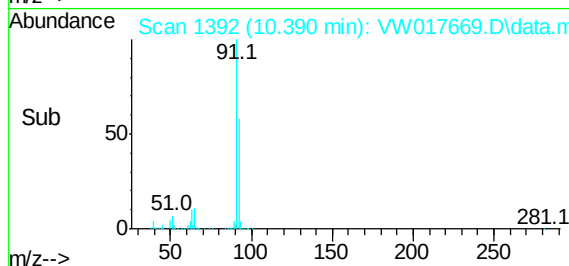
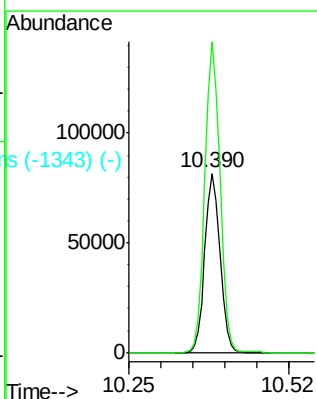
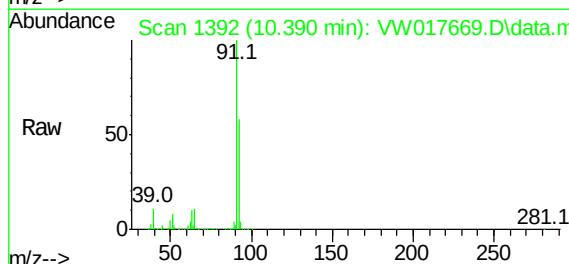
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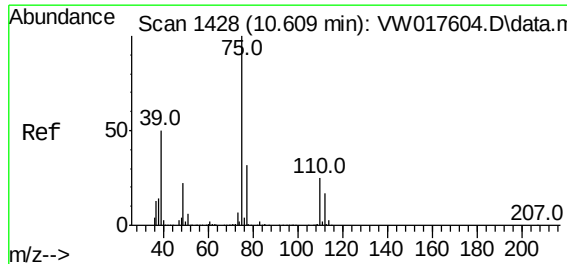
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#51883 (-)
To Luene
Concen: 20.90 ug/l
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

Tgt Ion: 92 Resp: 141272
Ion Ratio Lower Upper
92 100
91 172.8 134.7 202.1



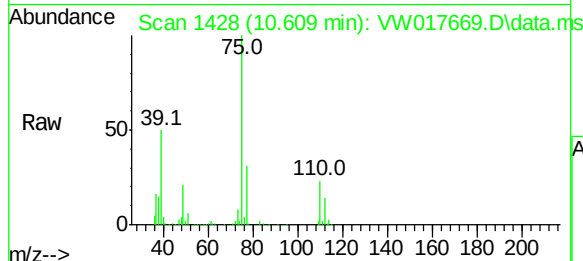


#54
t-1,3-Dichloropropene
Concen: 19.37 ug/l
RT: 10.609 min Scan# 1428
Delta R.T. 0.000 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

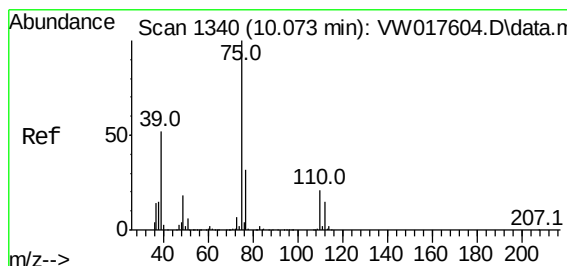
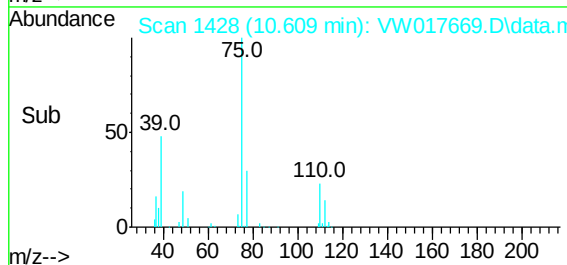
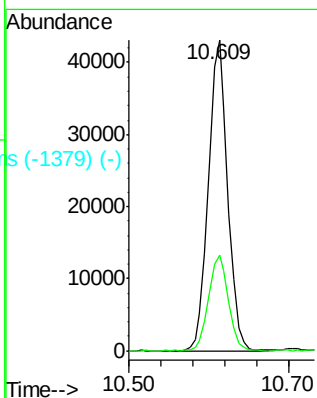
Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

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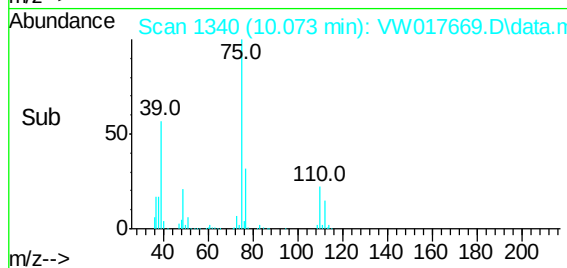
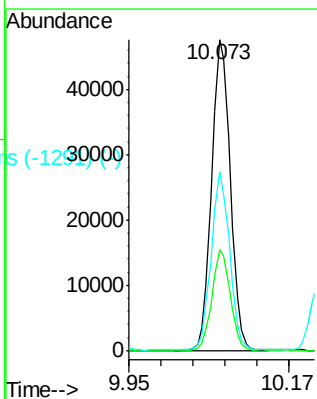
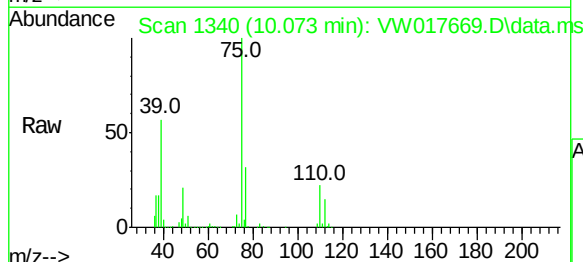


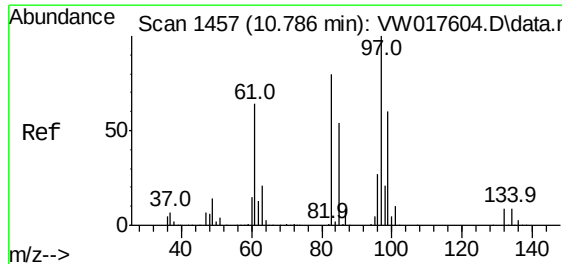
Tgt Ion: 75 Resp: 72090
Ion Ratio Lower Upper
75 100
77 30.8 24.8 37.2



#54
cis-1,3-Dichloropropene
Concen: 19.59 ug/l
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

Tgt Ion: 75 Resp: 84323
Ion Ratio Lower Upper
75 100
77 32.4 25.8 38.6
39 57.1 32.9 49.3#





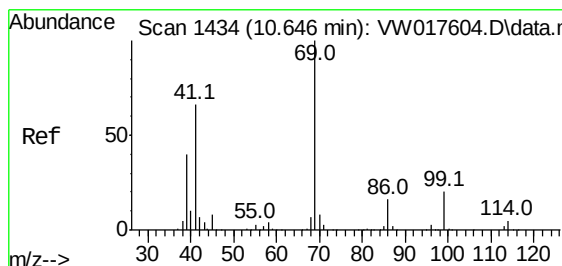
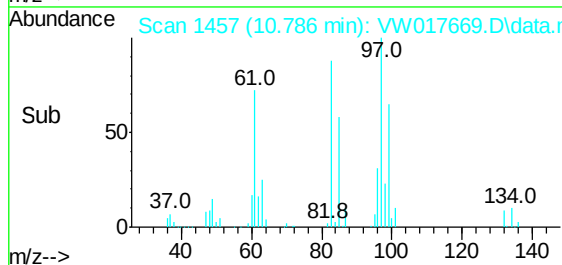
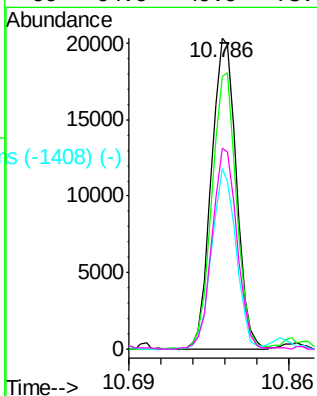
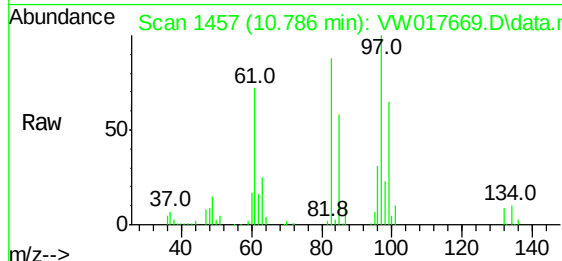
1,1,2-Trichloroethane
Concen: 19.18 ug/l
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

Tgt Ion:	97	Resp:	36613
Ion	Ratio	Lower	Upper
97	100		
83	87.5	64.6	97.0
85	58.2	40.6	61.0
99	64.6	49.0	73.6

Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

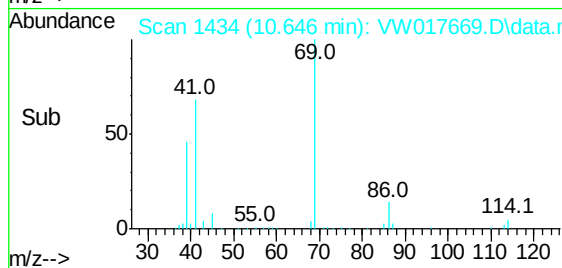
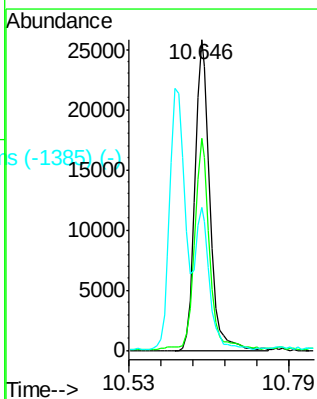
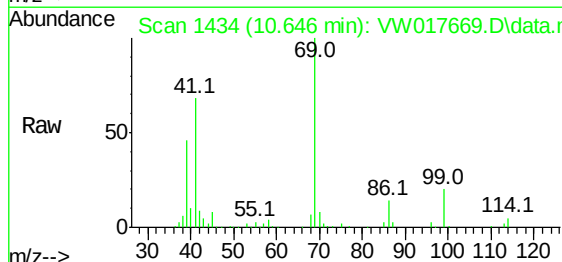
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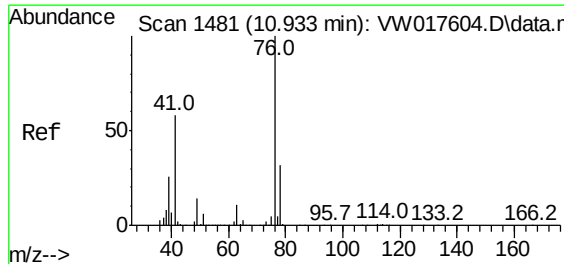
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Ethyl methacrylate
Concen: 18.28 ug/l
RT: 10.646 min Scan# 1434
Delta R.T. -0.000 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

Tgt Ion:	69	Resp:	45076
Ion	Ratio	Lower	Upper
69	100		
41	68.7	46.3	69.5
39	44.0	25.9	38.9





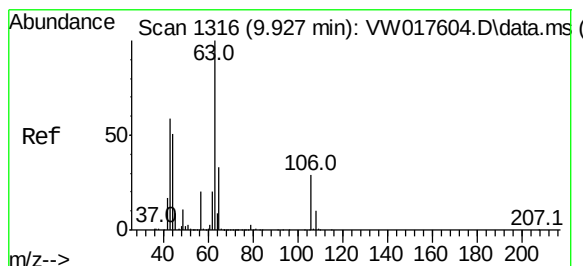
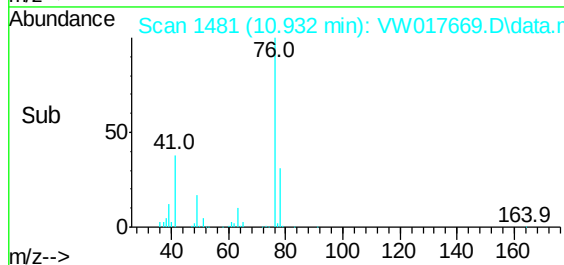
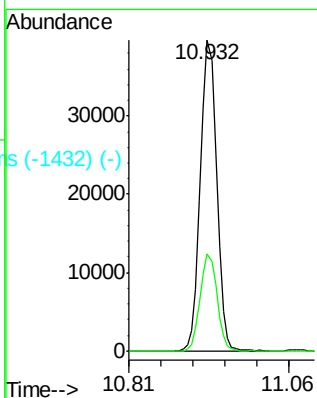
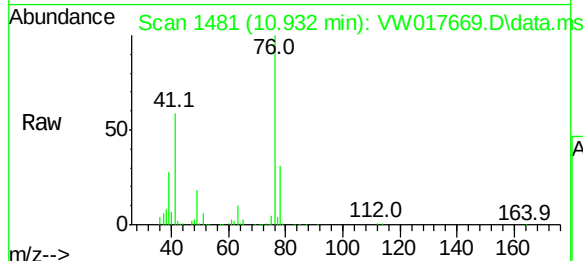
1,3-Dichloropropane
Concen: 20.02 ug/l
RT: 10.932 min Scan# 1481
Delta R.T. -0.001 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

Tgt Ion: 76 Resp: 67506
Ion Ratio Lower Upper
76 100
78 31.9 26.0 39.0

Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

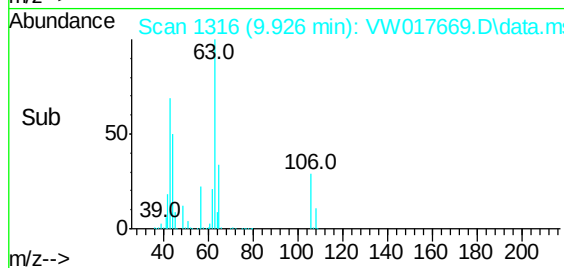
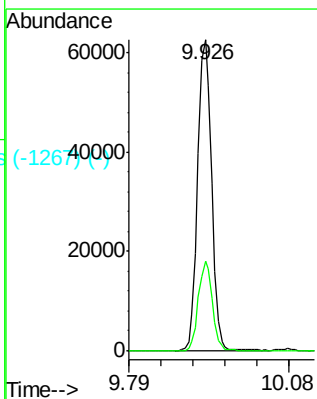
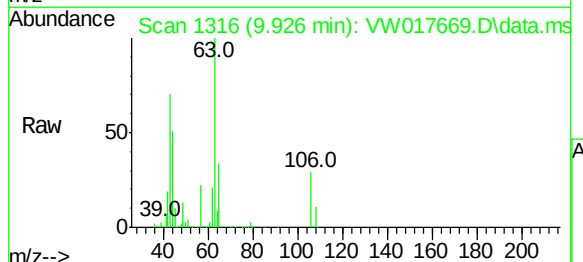
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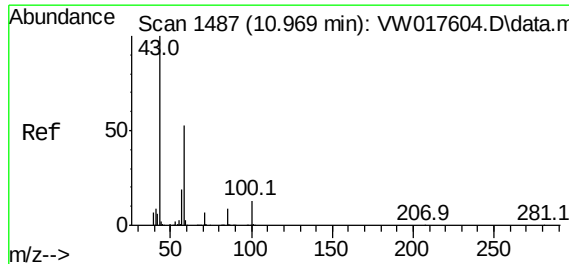
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2-Chloroethyl Vinyl ether
Concen: 94.10 ug/l
RT: 9.926 min Scan# 1316
Delta R.T. -0.001 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

Tgt Ion: 63 Resp: 110930
Ion Ratio Lower Upper
63 100
106 28.5 27.0 40.4





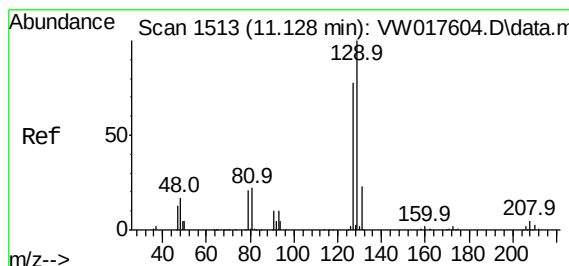
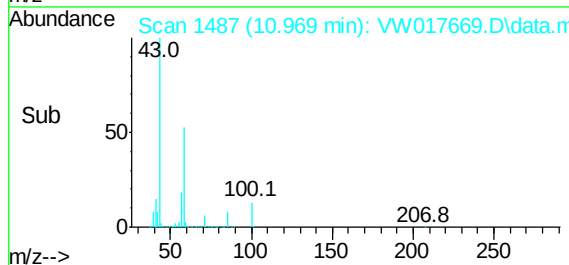
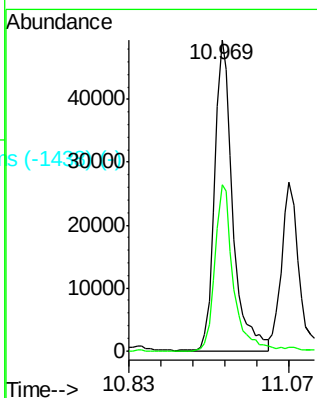
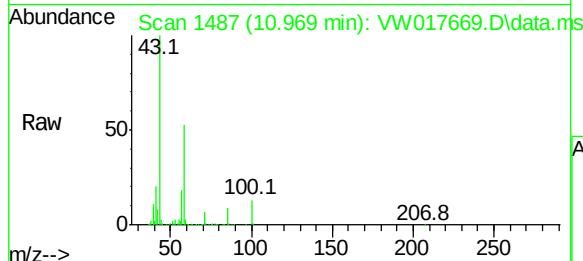
2-Hexanone
Concen: 88.53 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

Tgt Ion: 43 Resp: 90195
Ion Ratio Lower Upper
43 100
58 53.8 29.5 88.5

Instrument :
MSVOA_W
ClientSampleId :
VW1218SBSD01

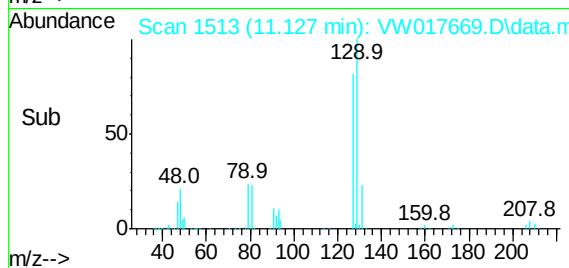
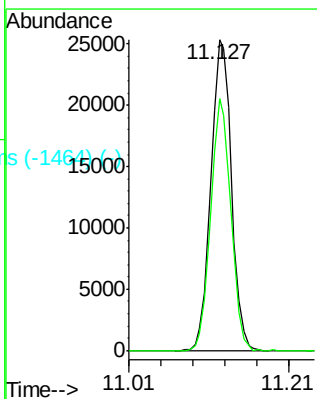
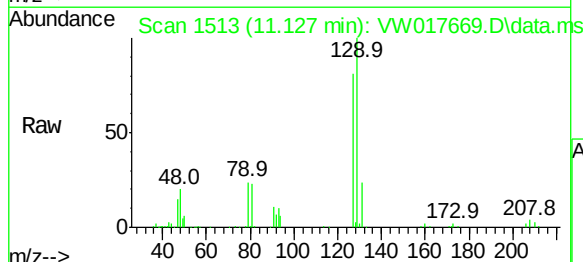
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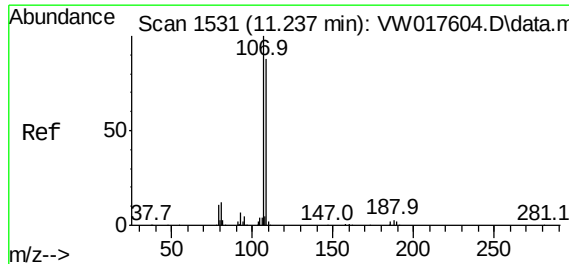
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Dibromochloromethane
Concen: 18.92 ug/l
RT: 11.127 min Scan# 1513
Delta R.T. -0.001 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

Tgt Ion: 129 Resp: 45182
Ion Ratio Lower Upper
129 100
127 79.6 38.9 116.6





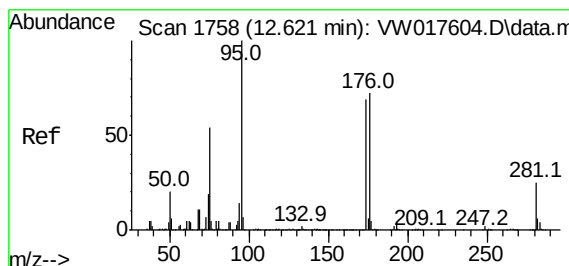
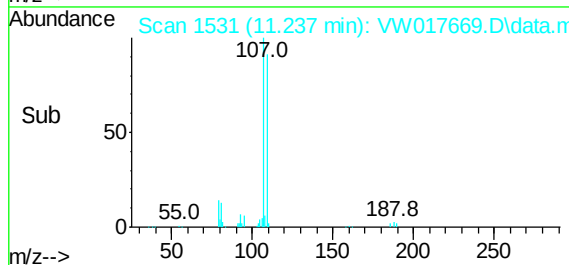
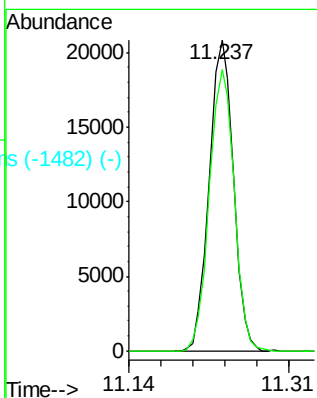
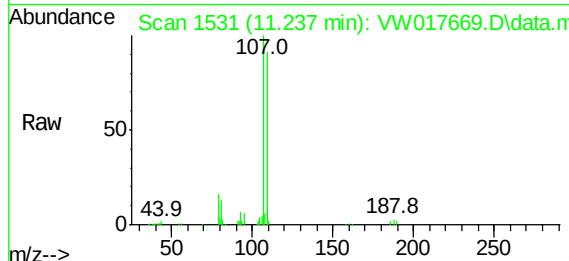
#61522 (-)
1,2-Dibromoethane
Concen: 19.25 ug/l
RT: 11.237 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

Tgt Ion: 107 Resp: 36307
Ion Ratio Lower Upper
107 100
109 92.9 74.7 112.1

Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

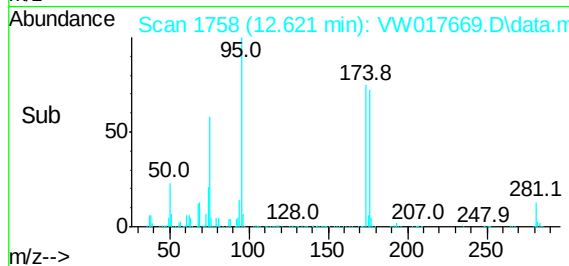
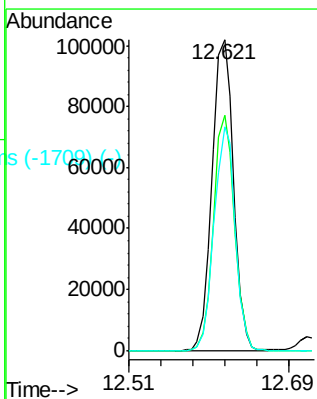
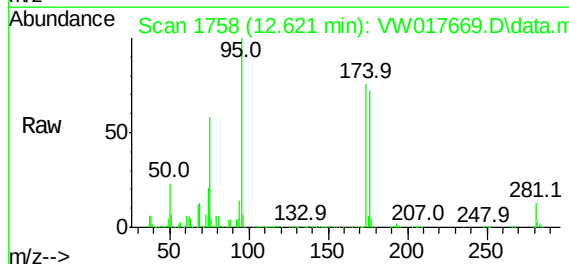
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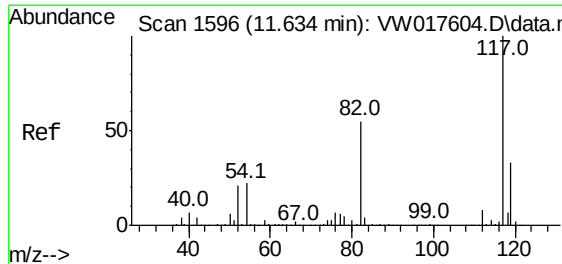
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#61749 (-)
4-Bromofluorobenzene
Concen: 49.53 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.000 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

Tgt Ion: 95 Resp: 169821
Ion Ratio Lower Upper
95 100
174 73.9 0.0 180.6
176 70.8 0.0 177.6



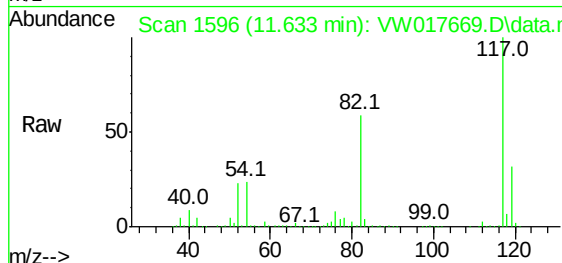


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.633 min Scan# 1596
Delta R.T. -0.001 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

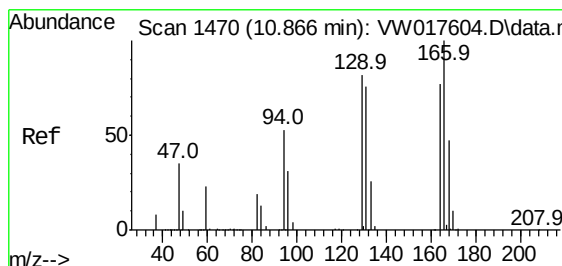
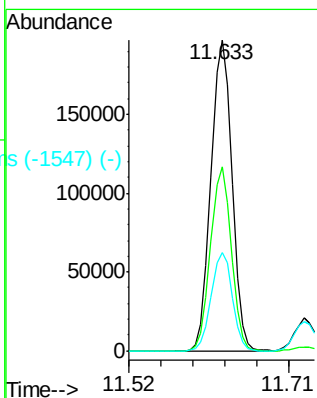
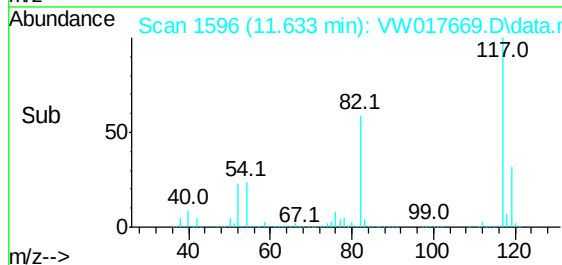
Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

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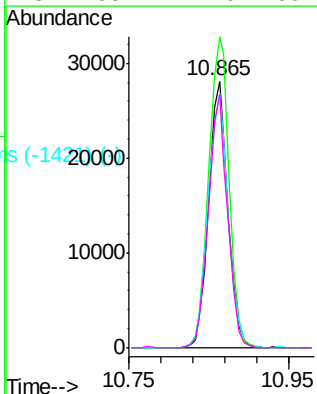
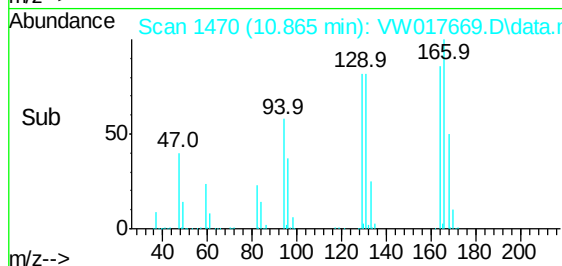
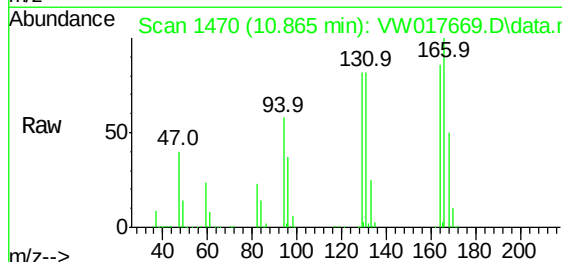


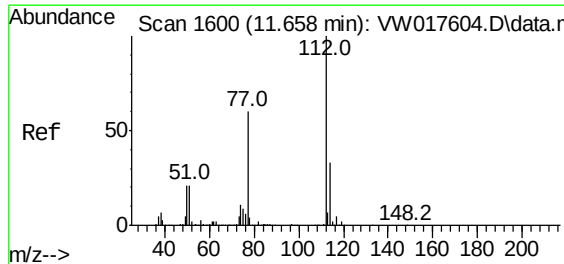
Tgt Ion:117 Resp: 330356
Ion Ratio Lower Upper
117 100
82 59.4 40.7 61.1
119 31.6 25.0 37.4



#64
Tetrachloroethene
Concen: 20.81 ug/l
RT: 10.865 min Scan# 1470
Delta R.T. -0.001 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

Tgt Ion:164 Resp: 46885
Ion Ratio Lower Upper
164 100
166 116.6 105.3 157.9
129 95.6 68.8 103.2
131 95.2 71.0 106.6





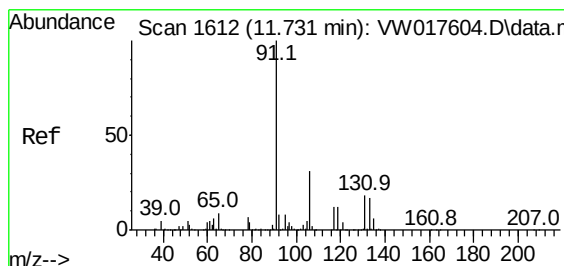
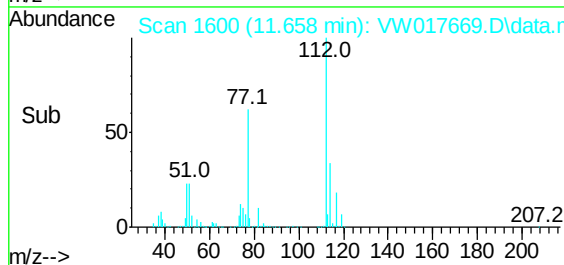
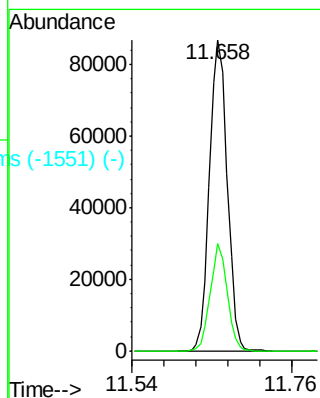
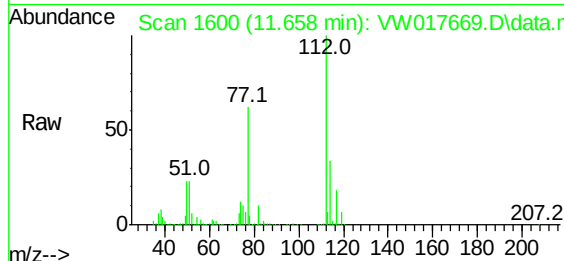
#65
Chlorobenzene
Concen: 20.70 ug/l
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

Tgt Ion:112 Resp: 147026
Ion Ratio Lower Upper
112 100
114 34.3 25.3 37.9

Instrument :
MSVOA_W
ClientSampleId :
VW1218SBSD01

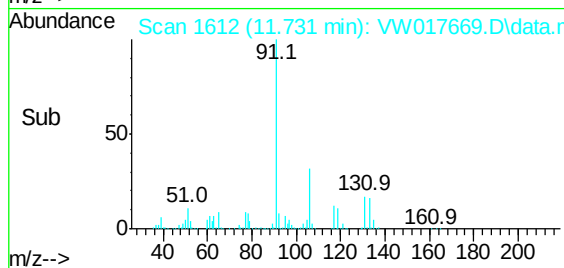
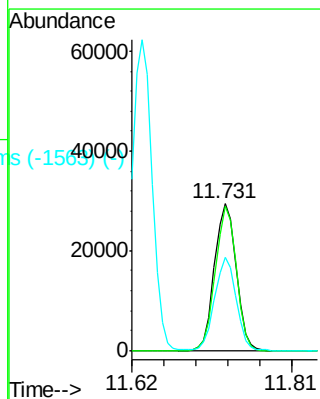
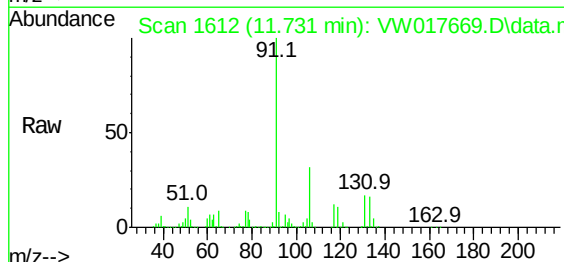
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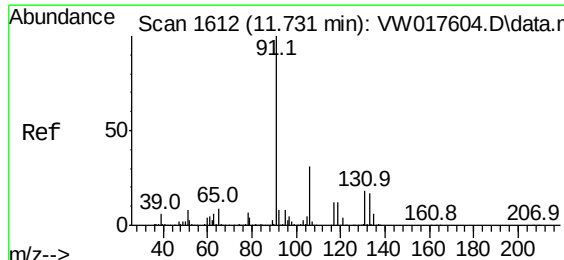
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.19 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

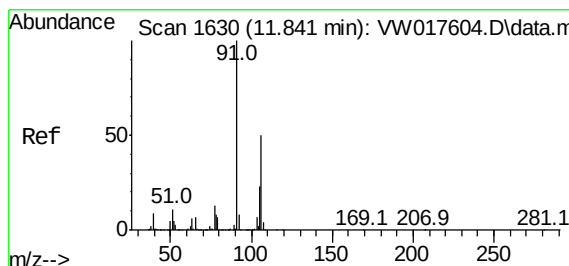
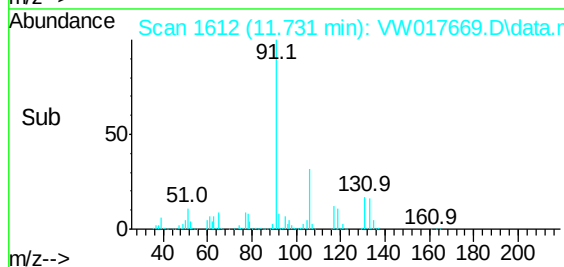
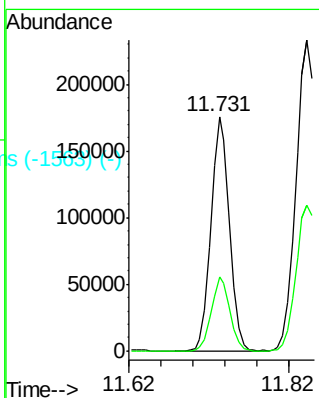
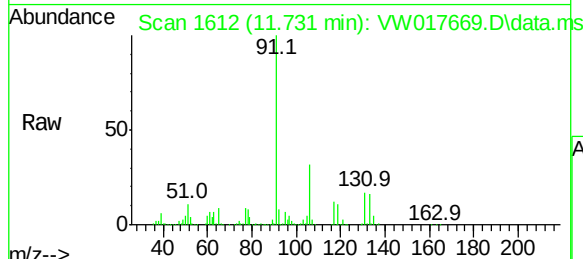
Tgt Ion:131 Resp: 50868
Ion Ratio Lower Upper
131 100
133 95.3 48.1 144.3
119 62.9 32.5 97.4





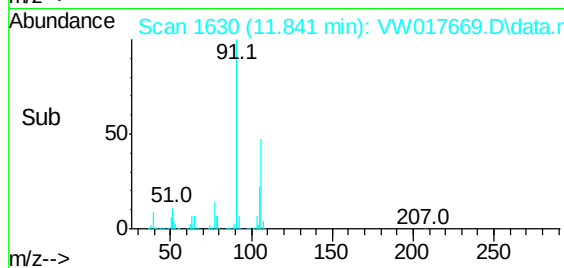
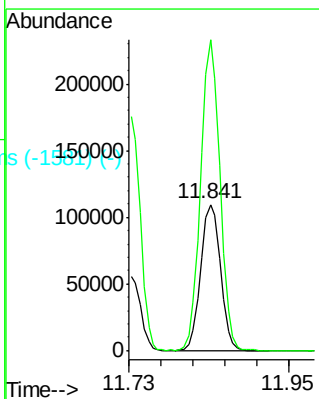
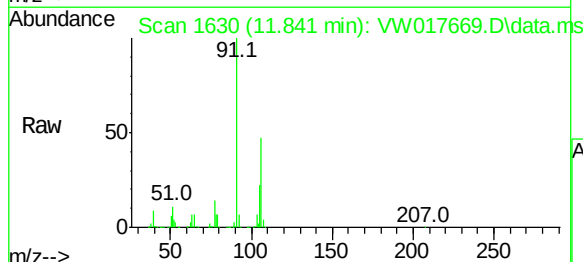
#67
Ethyl Benzene
Concen: 21.31 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

Tgt Ion: 91 Resp: 281230
Ion Ratio Lower Upper
91 100
106 31.6 25.9 38.9



#68
m/p-Xylenes
Concen: 41.51 ug/l
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

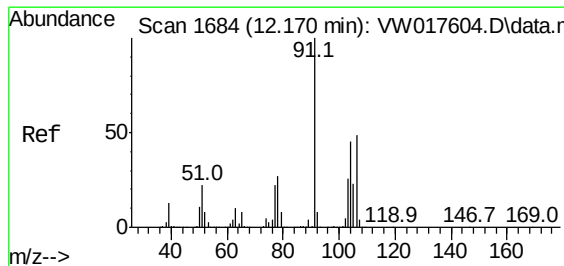
Tgt Ion:106 Resp: 208868
Ion Ratio Lower Upper
106 100
91 206.8 157.4 236.0



Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

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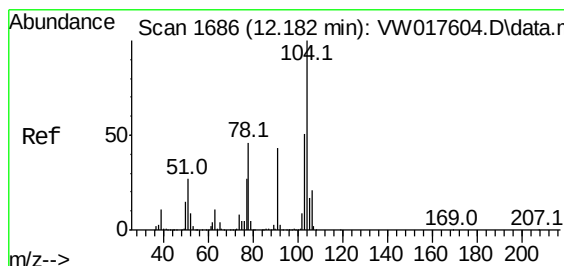
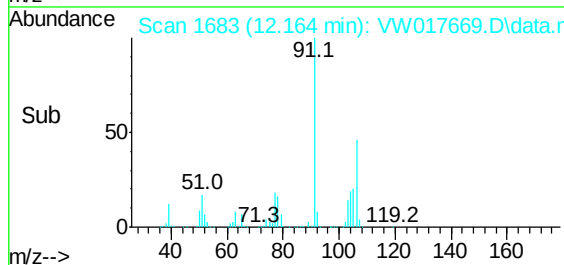
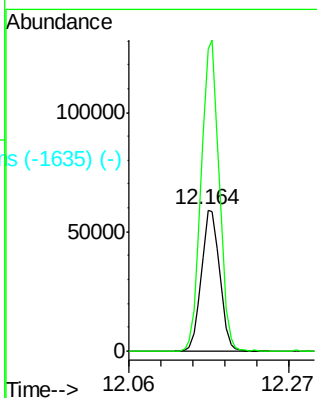
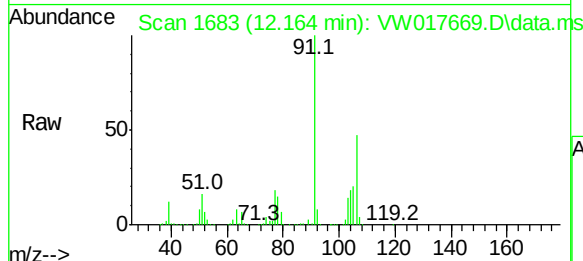
#6875 (-)
o-Xylene
Concen: 20.46 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. -0.006 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

Tgt Ion:106 Resp: 97106
Ion Ratio Lower Upper
106 100
91 218.3 103.6 310.9

Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

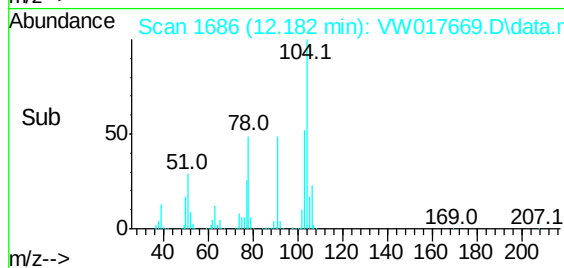
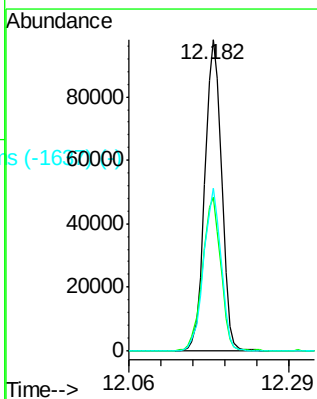
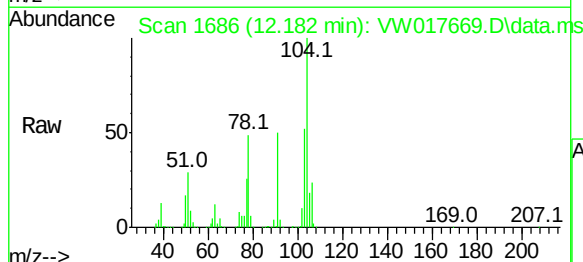
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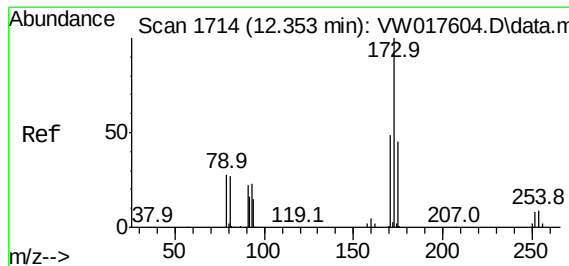
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#7076 (-)
Styrene
Concen: 20.48 ug/l
RT: 12.182 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

Tgt Ion:104 Resp: 162338
Ion Ratio Lower Upper
104 100
78 53.4 37.6 56.4
103 54.2 43.6 65.4





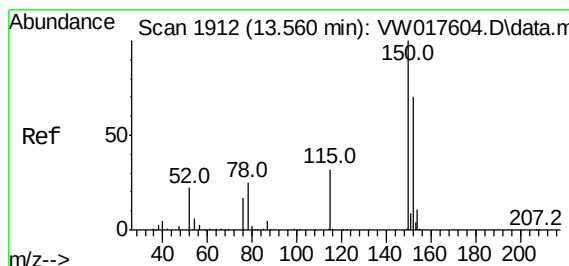
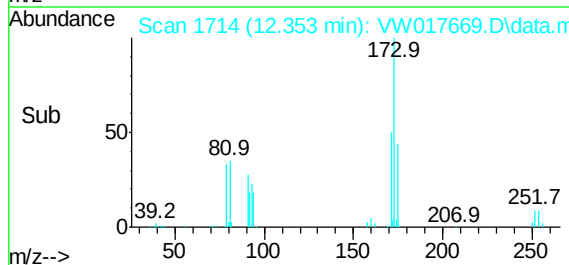
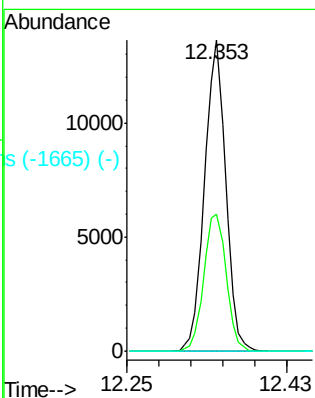
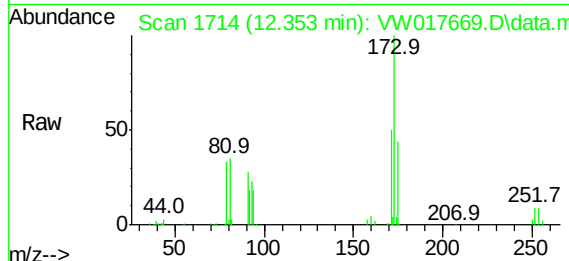
#1705 (-)
Bromoform
Concen: 16.58 ug/l
RT: 12.353 min Scan# 1714
Delta R.T. -0.000 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

Tgt Ion:	173	Resp:	22334
Ion Ratio	Lower	Upper	
173	100		
175	46.8	24.7	74.1
254	0.0	0.1	0.1#

Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

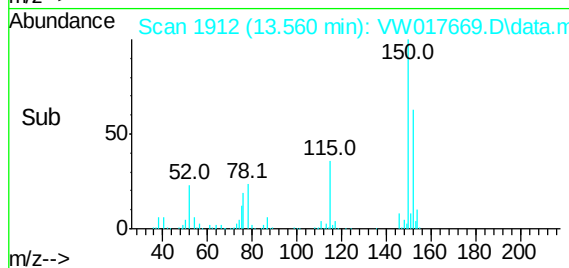
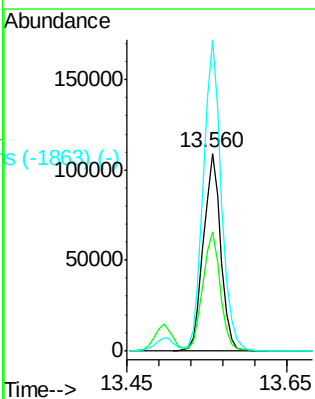
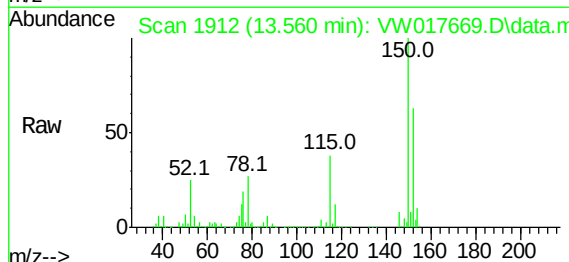
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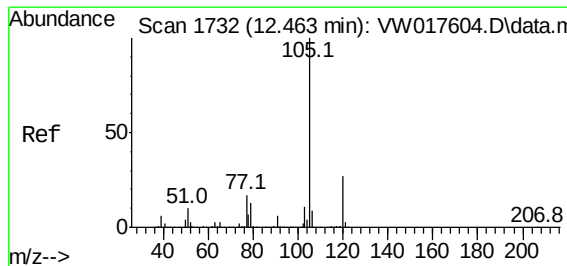
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#1204 (-)
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

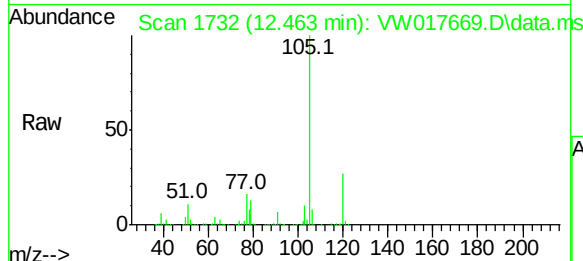
Tgt Ion:	152	Resp:	161050
Ion Ratio	Lower	Upper	
152	100		
115	61.4	27.9	83.7
150	164.8	0.0	344.0





#73
Isopropylbenzene
Concen: 21.47 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

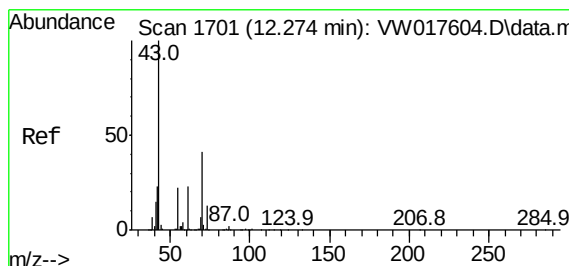
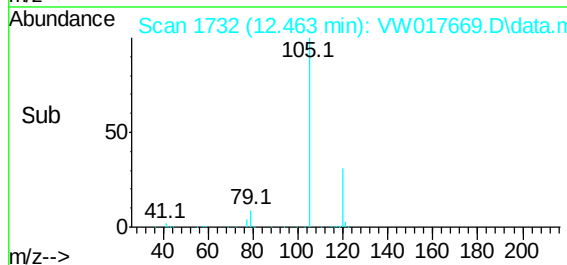
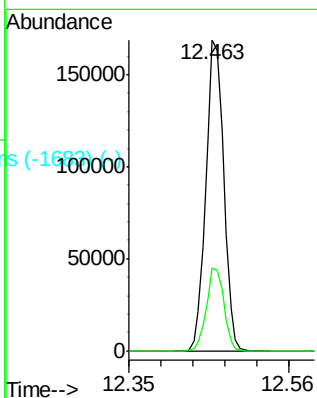
Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01



Tgt Ion: 105 Resp: 273405
Ion Ratio Lower Upper
105 100
120 26.1 13.6 40.7

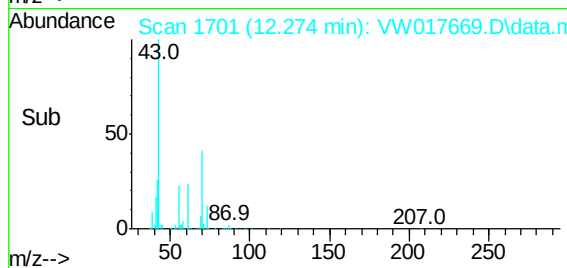
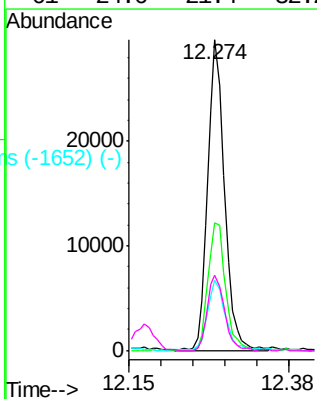
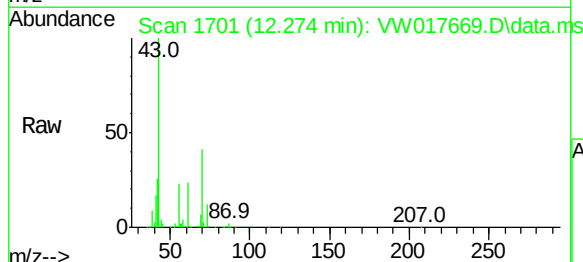
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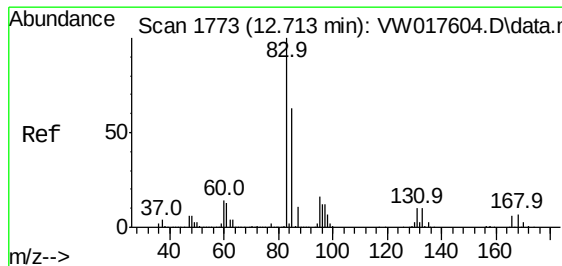
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#74
N-ethyl acetate
Concen: 17.85 ug/l
RT: 12.274 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

Tgt Ion: 43 Resp: 47669
Ion Ratio Lower Upper
43 100
70 42.5 40.2 60.4
55 22.7 21.4 32.0
61 24.6 21.4 32.2





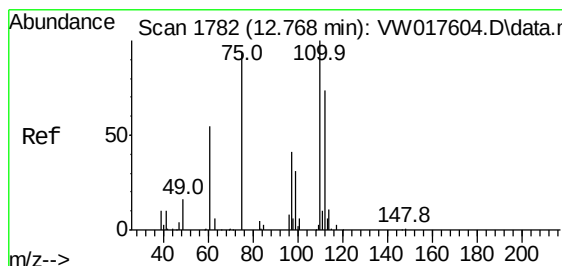
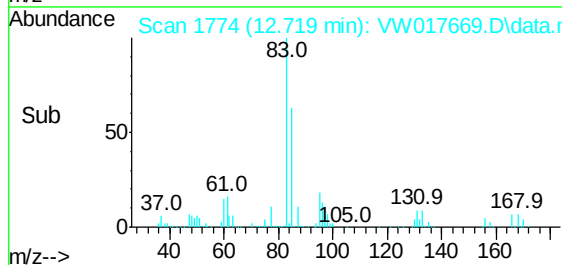
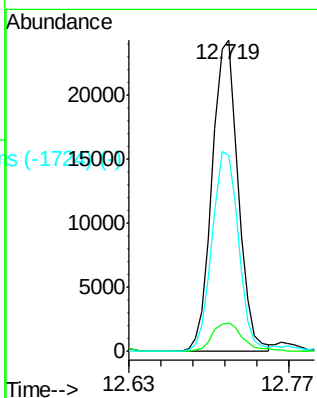
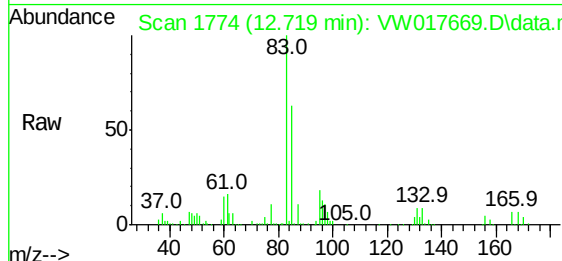
#7564 (-)
 1,1,2,2-Tetrachloroethane
 Concen: 18.94 ug/l
 RT: 12.719 min Scan# 1774
 Delta R.T. 0.006 min
 Lab File: Vw017669.D
 Acq: 18 Dec 2020 12:16

Tgt Ion:	83	Resp:	40239
Ion Ratio	Lower	Upper	
83	100		
131	10.3	6.1	18.3
85	64.8	32.7	98.1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1218SBS01

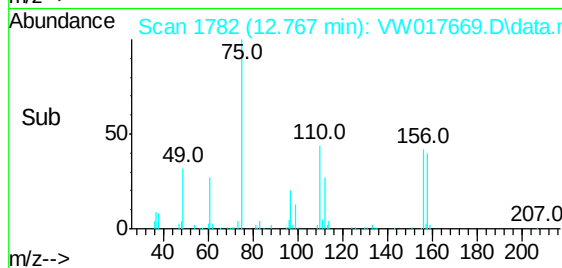
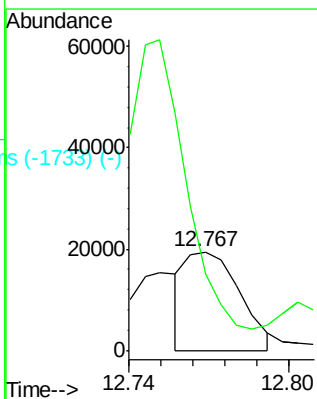
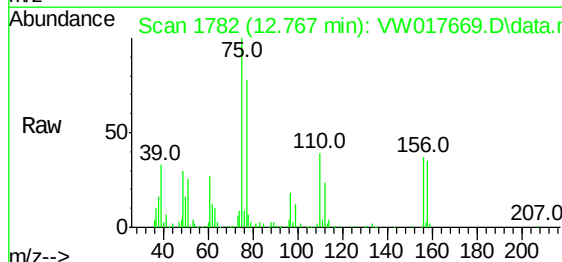
Manual Integrations
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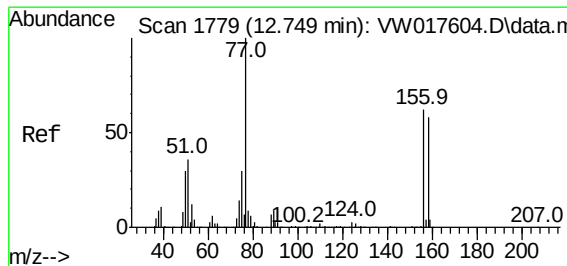
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#7580 (-)
 1,2,3-Trichloropropane
 Concen: 18.82 ug/l m
 RT: 12.767 min Scan# 1782
 Delta R.T. -0.001 min
 Lab File: Vw017669.D
 Acq: 18 Dec 2020 12:16

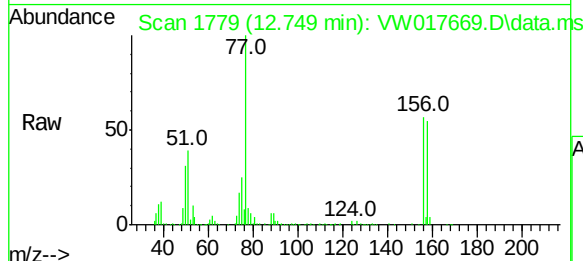
Tgt Ion:	75	Resp:	29183
Ion Ratio	Lower	Upper	
75	100		
77	384.3	178.8	536.3





#1770 (-)
Bromobenzene
Concen: 20.30 ug/l
RT: 12.749 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

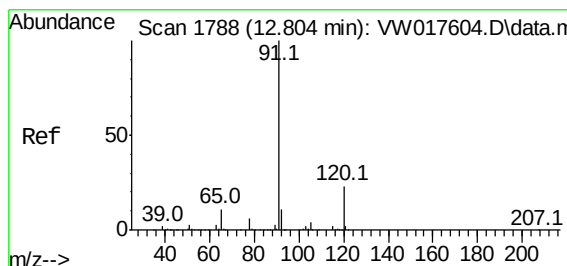
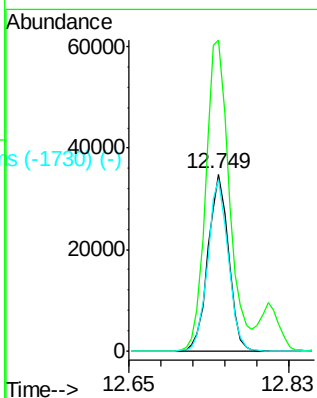
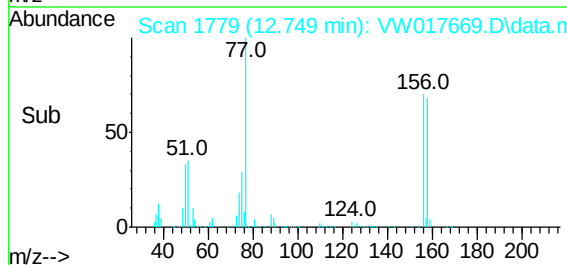
Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01



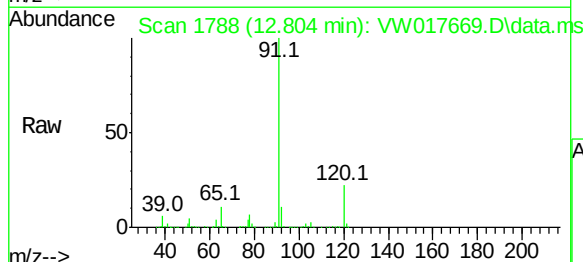
Tgt Ion:156 Resp: 55361
Ion Ratio Lower Upper
156 100
77 202.6 79.0 237.2
158 96.9 47.0 141.2

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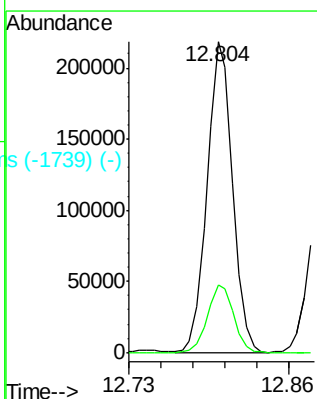
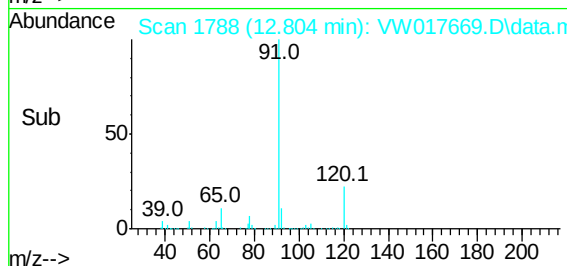
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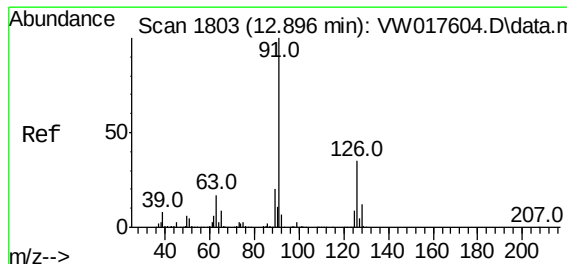


#1782 (-)
n-propylbenzene
Concen: 21.76 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. -0.000 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16



Tgt Ion: 91 Resp: 328963
Ion Ratio Lower Upper
91 100
120 22.4 12.0 36.1





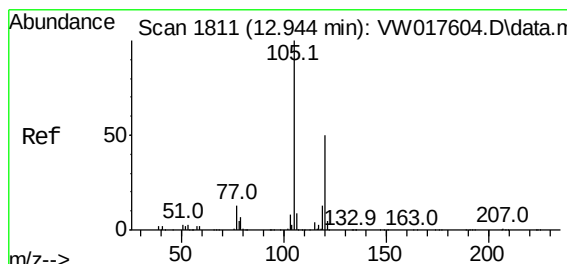
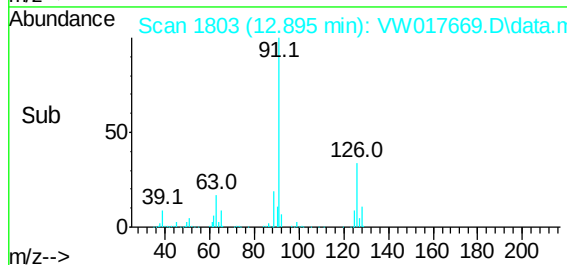
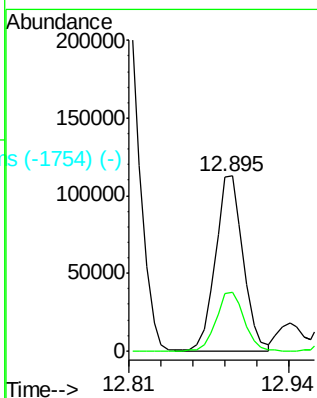
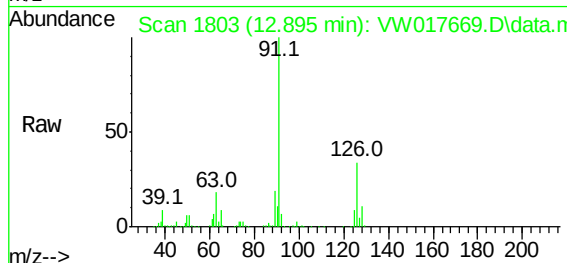
2-Chlorotoluene
 Concen: 21.97 ug/l
 RT: 12.895 min Scan# 1803
 Delta R.T. -0.001 min
 Lab File: VW017669.D
 Acq: 18 Dec 2020 12:16

Tgt Ion: 91 Resp: 185194
 Ion Ratio Lower Upper
 91 100
 126 33.5 17.9 53.8

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1218SBSD01

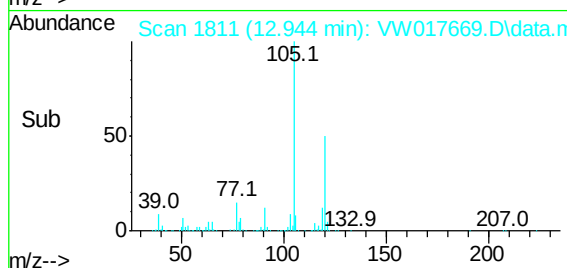
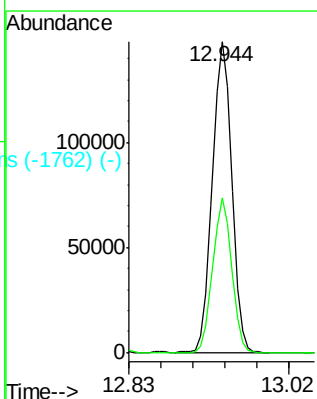
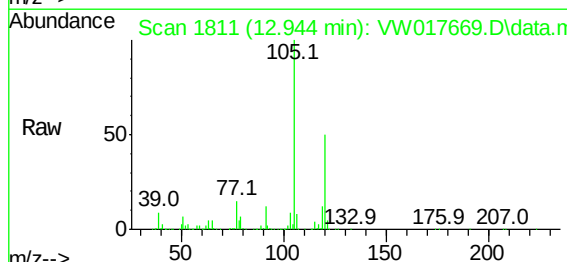
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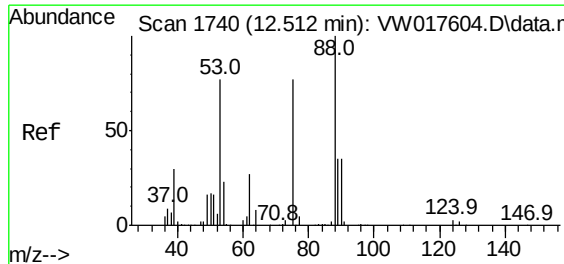
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1,3,5-Trimethylbenzene
 Concen: 21.26 ug/l
 RT: 12.944 min Scan# 1811
 Delta R.T. 0.000 min
 Lab File: VW017669.D
 Acq: 18 Dec 2020 12:16

Tgt Ion: 105 Resp: 229179
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.9 74.8





#8136 (-)
trans-1,4-Dichloro-2-butene
Concen: 16.49 ug/l
RT: 12.517 min Scan# 1741
Delta R.T. 0.005 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

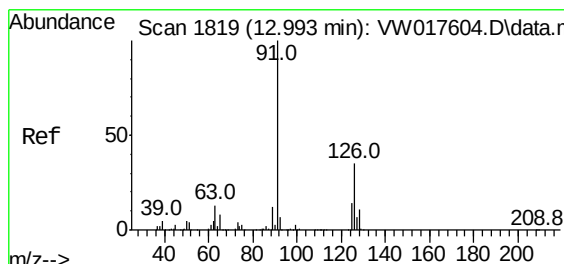
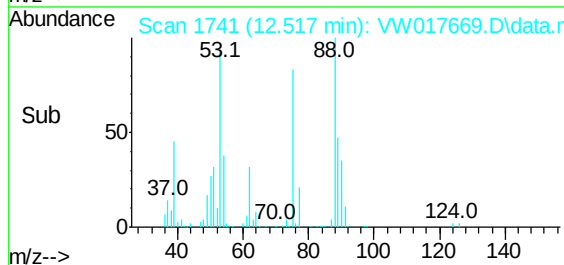
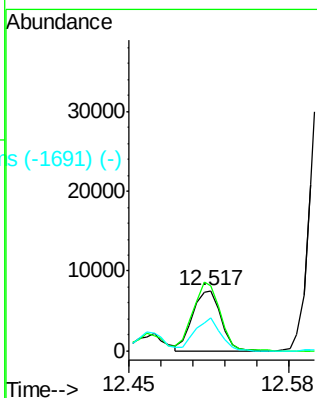
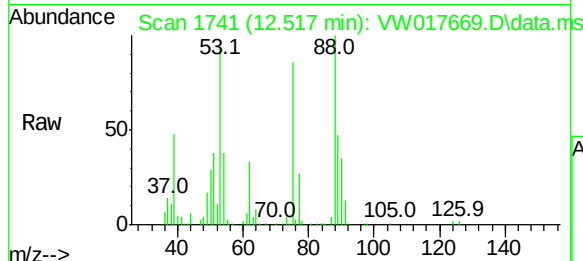
Tgt Ion: 75 Resp: 12619

Ion	Ratio	Lower	Upper
75	100		
53	110.3	77.0	115.4
89	49.0	38.7	58.1

Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

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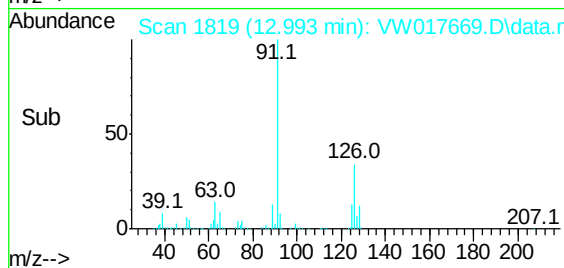
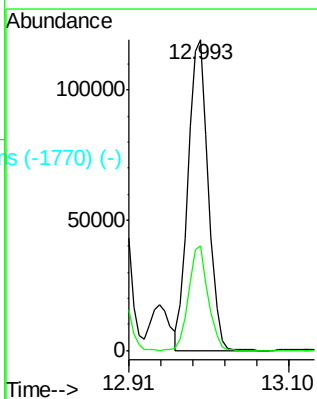
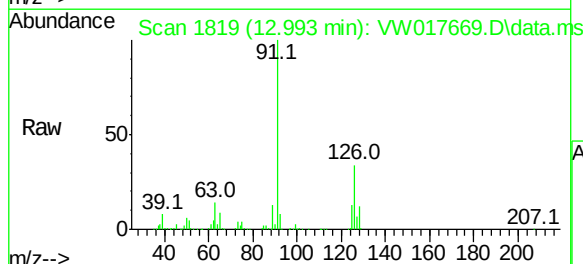
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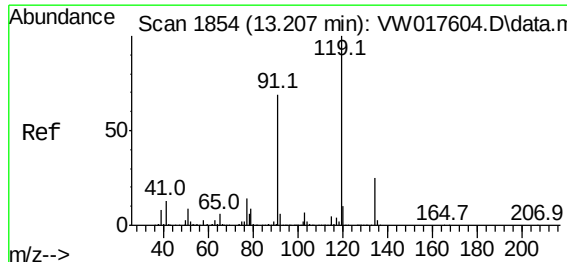


#8134 (-)
4-Chlorotoluene
Concen: 21.78 ug/l
RT: 12.993 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

Tgt Ion: 91 Resp: 193789

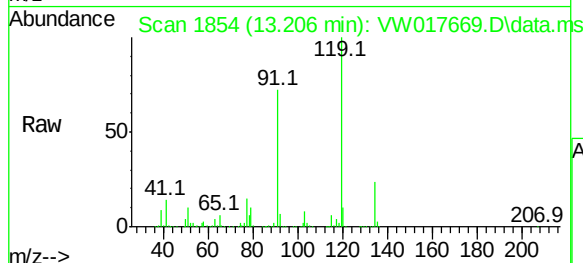
Ion	Ratio	Lower	Upper
91	100		
126	32.7	18.1	54.3





#8345 (-)
tert-Butylbenzene
Concen: 21.23 ug/l
RT: 13.206 min Scan# 1854
Delta R.T. -0.001 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

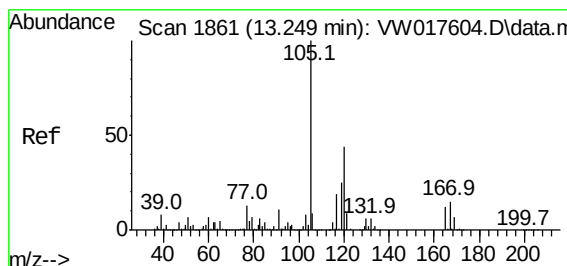
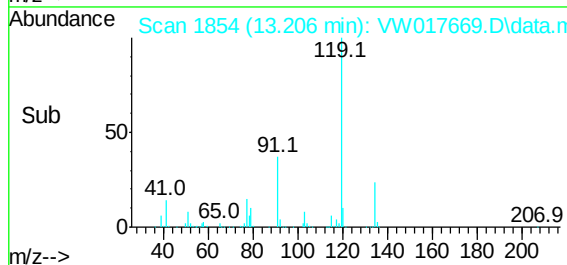
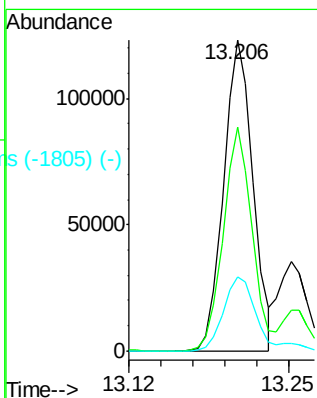
Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01



Tgt Ion:119 Resp: 195726
Ion Ratio Lower Upper
119 100
91 71.2 31.3 93.9
134 25.3 14.0 42.0

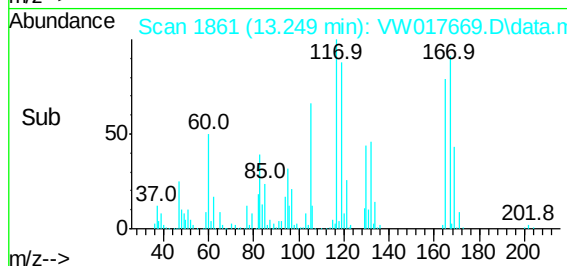
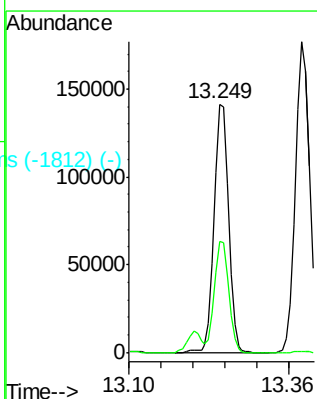
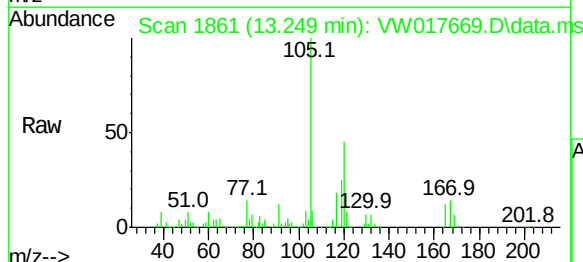
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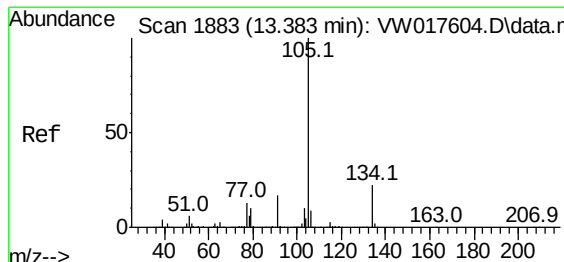
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#8348 (-)
1,2,4-Trimethylbenzene
Concen: 21.47 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

Tgt Ion:105 Resp: 227895
Ion Ratio Lower Upper
105 100
120 44.2 23.4 70.0





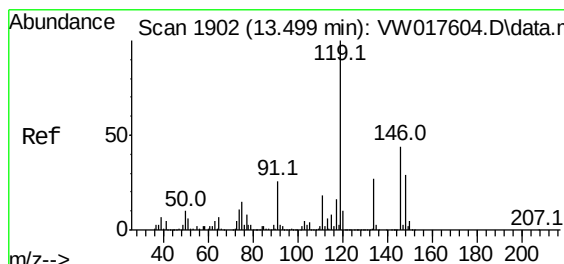
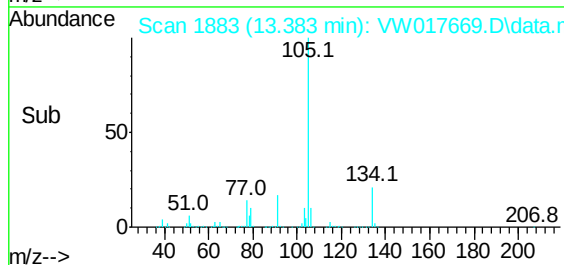
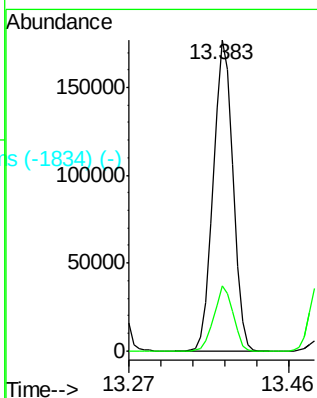
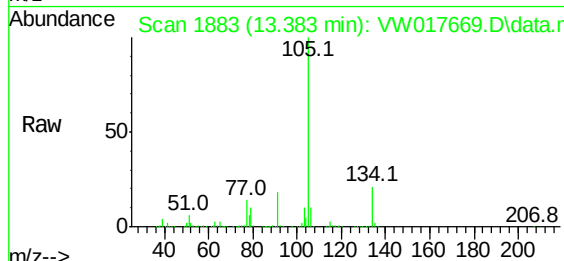
sec-Butylbenzene
 Concen: 21.52 ug/l
 RT: 13.383 min Scan# 1883
 Delta R.T. 0.000 min
 Lab File: VW017669.D
 Acq: 18 Dec 2020 12:16

Tgt Ion: 105 Resp: 278549
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.6 31.8

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1218SBS01

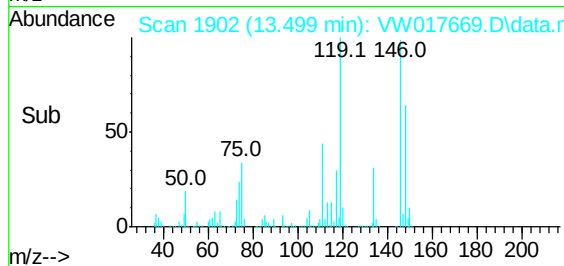
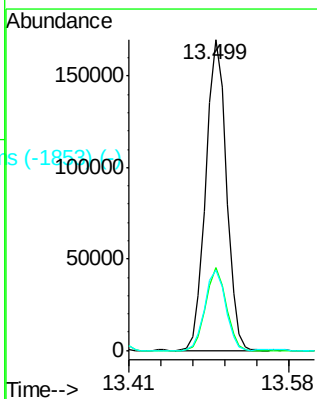
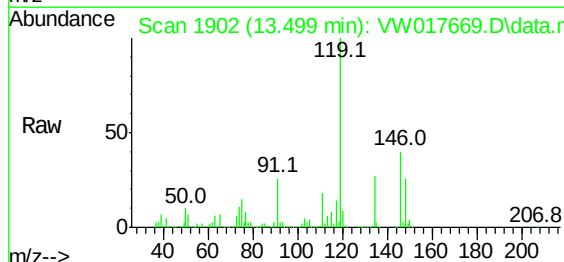
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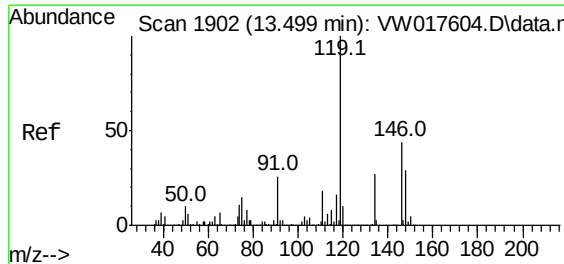
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p-Isopropyltoluene
 Concen: 21.52 ug/l
 RT: 13.499 min Scan# 1902
 Delta R.T. -0.000 min
 Lab File: VW017669.D
 Acq: 18 Dec 2020 12:16

Tgt Ion: 119 Resp: 251484
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.8 41.3
 91 26.4 11.3 33.9





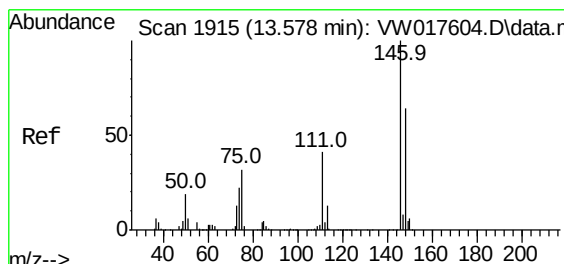
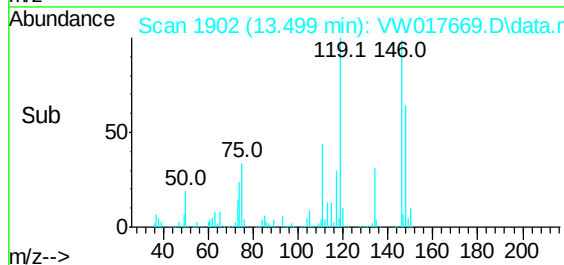
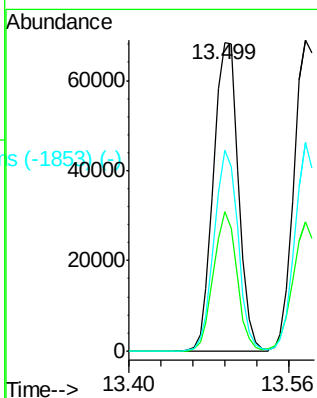
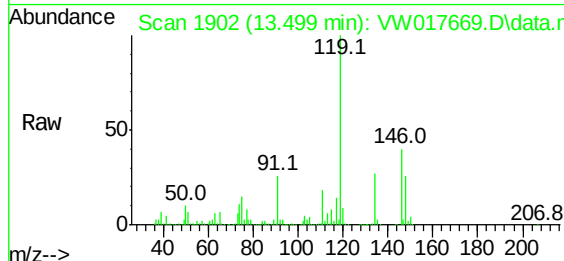
#1894 (-)
1,3-Dichlorobenzene
Concen: 21.33 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

Tgt Ion:146 Resp: 115963
Ion Ratio Lower Upper
146 100
111 42.2 19.1 57.5
148 62.4 32.5 97.4

Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

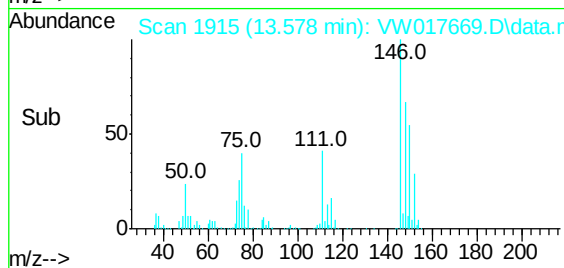
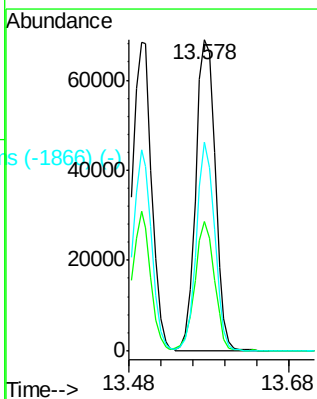
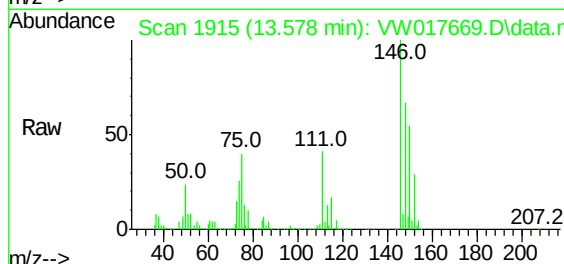
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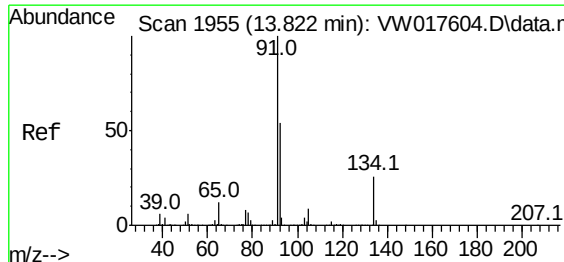
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#1909 (-)
1,4-Dichlorobenzene
Concen: 21.60 ug/l
RT: 13.578 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

Tgt Ion:146 Resp: 116579
Ion Ratio Lower Upper
146 100
111 41.5 18.5 55.5
148 62.7 31.8 95.4





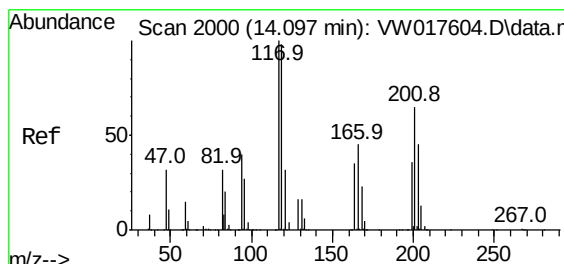
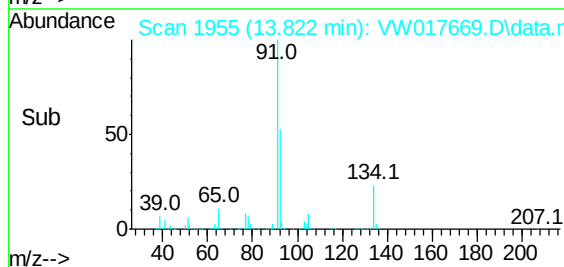
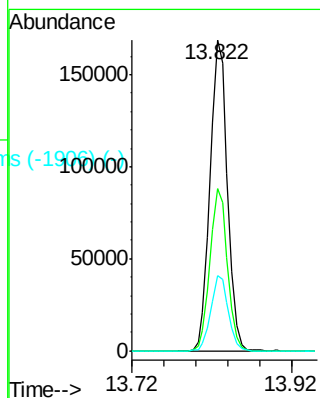
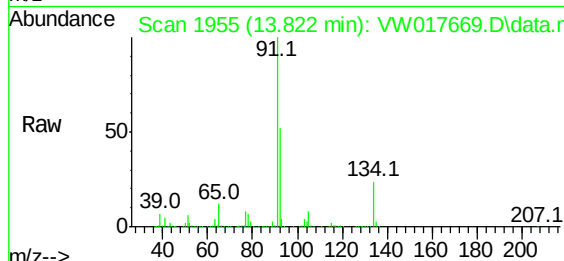
n-Butylbenzene
Concen: 22.17 ug/l
RT: 13.822 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

Tgt Ion:	91	Resp:	254606
Ion Ratio	Lower	Upper	
91	100		
92	52.4	26.6	79.7
134	24.3	14.3	42.9

Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

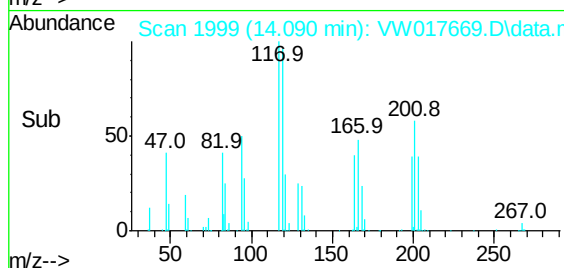
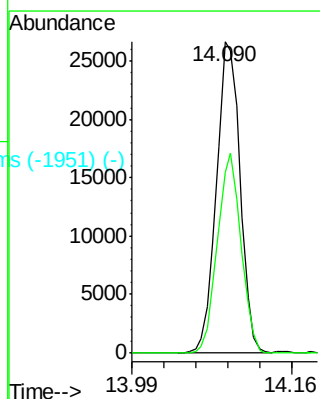
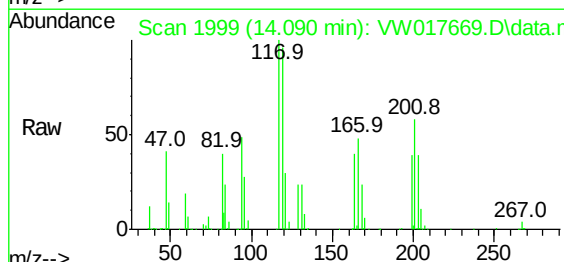
Manual Integrations
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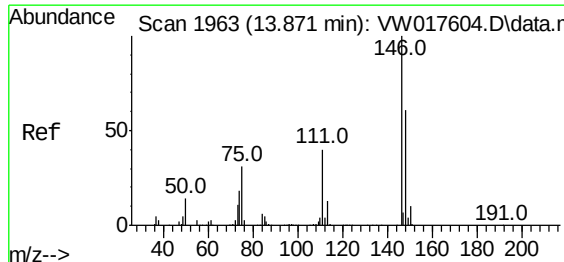
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Hexachloroethane
Concen: 19.80 ug/l
RT: 14.090 min Scan# 1999
Delta R.T. -0.007 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

Tgt Ion:	117	Resp:	45450
Ion Ratio	Lower	Upper	
117	100		
201	63.9	41.9	125.7





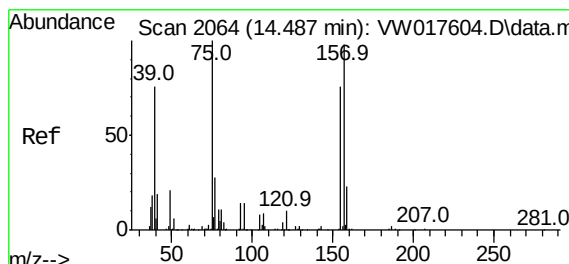
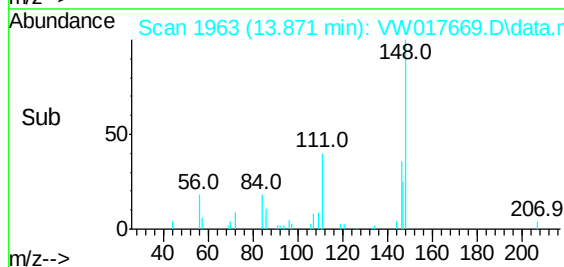
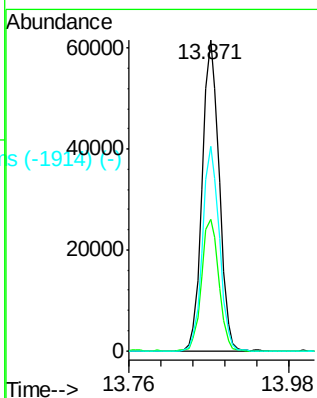
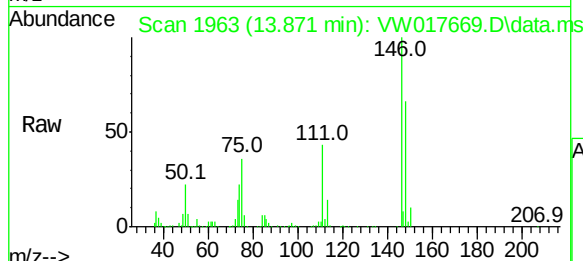
#9154 (-)
1,2-Dichlorobenzene
Concen: 20.74 ug/l
RT: 13.871 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

Tgt Ion: 146 Resp: 100213
Ion Ratio Lower Upper
146 100
111 43.2 20.1 60.3
148 65.0 33.1 99.3

Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

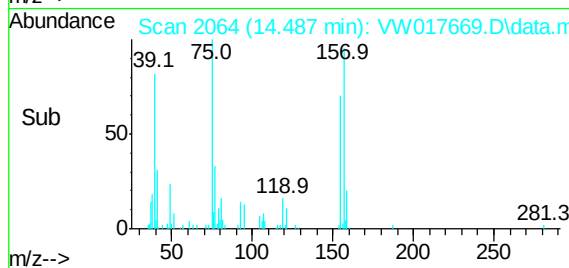
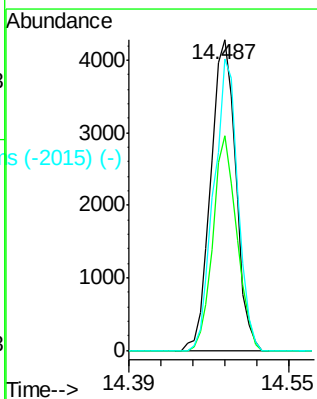
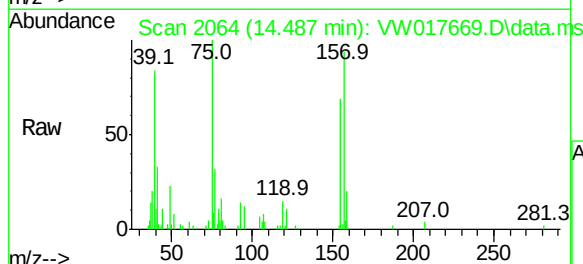
Manual Integrations
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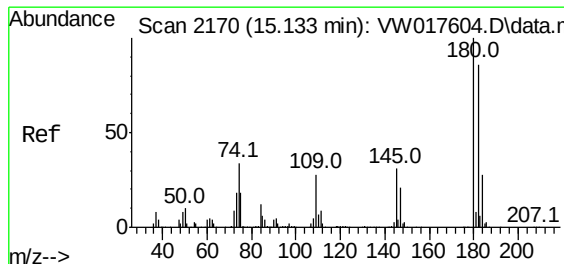
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#9156 (-)
1,2-Dibromo-3-Chloropropane
Concen: 18.83 ug/l
RT: 14.487 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

Tgt Ion: 75 Resp: 7277
Ion Ratio Lower Upper
75 100
155 65.8 47.6 142.8
157 89.8 62.2 186.6



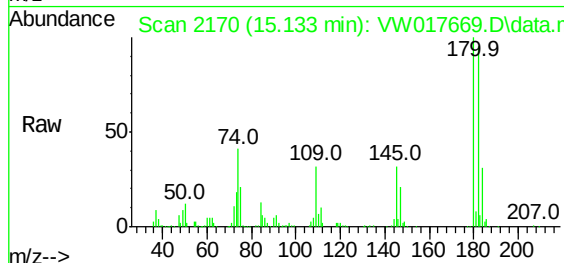


#91
1,2,4-Trichlorobenzene
Concen: 21.88 ug/l
RT: 15.133 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

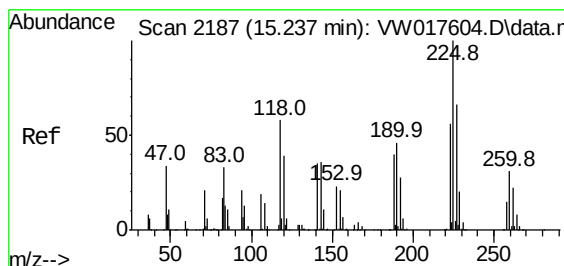
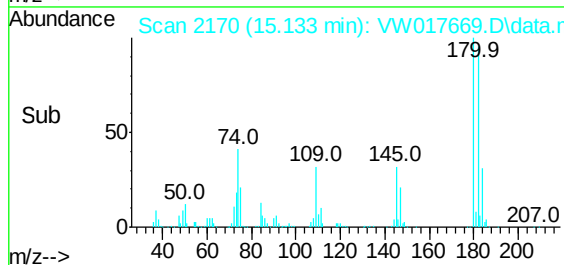
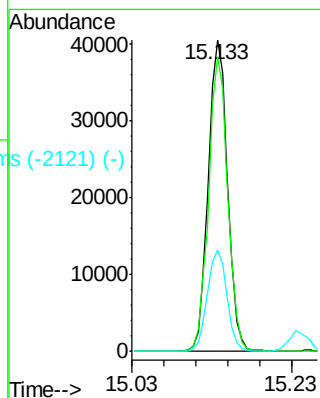
Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

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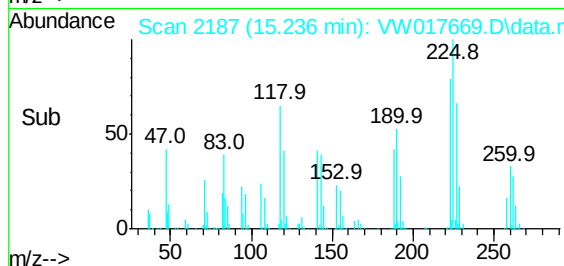
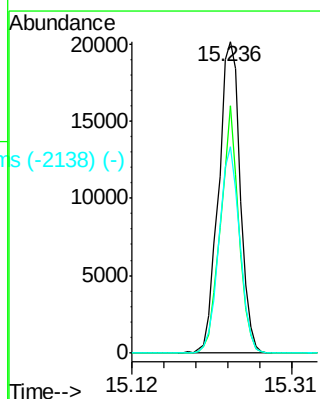
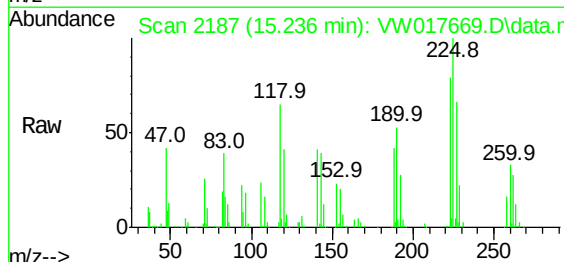


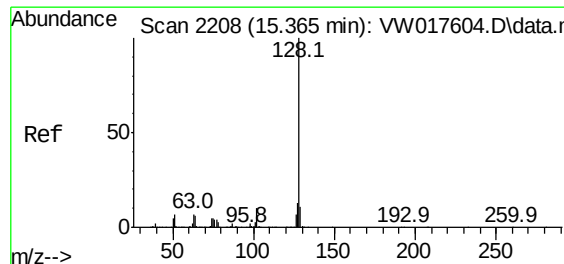
Tgt Ion:180 Resp: 67632
Ion Ratio Lower Upper
180 100
182 94.0 48.3 144.9
145 32.7 14.9 44.5



#91
Hexachlorobutadiene
Concen: 21.50 ug/l
RT: 15.236 min Scan# 2187
Delta R.T. -0.001 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

Tgt Ion:225 Resp: 34931
Ion Ratio Lower Upper
225 100
223 66.5 31.9 95.7
227 63.4 33.0 99.0





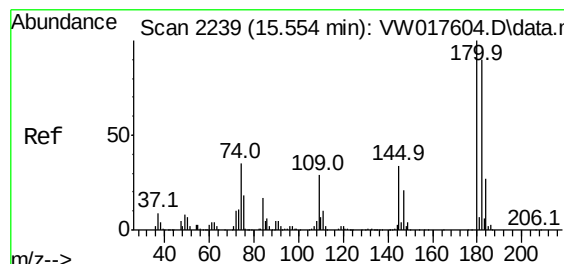
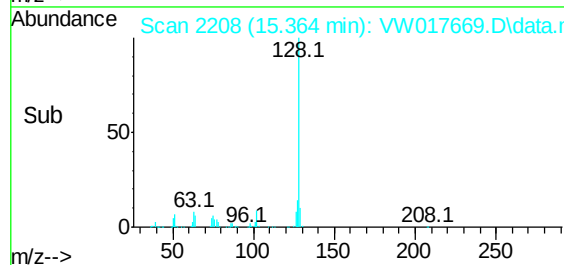
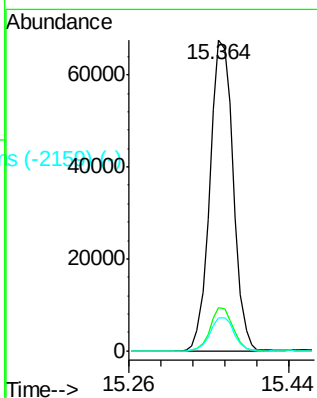
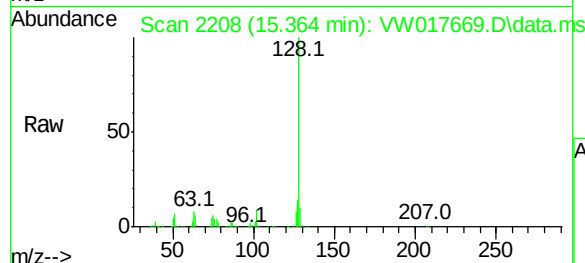
#95
Naphthalene
Concen: 19.31 ug/l
RT: 15.364 min Scan# 2208
Delta R.T. -0.001 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

Tgt Ion:128 Resp: 122090
Ion Ratio Lower Upper
128 100
127 13.4 10.4 15.6
129 10.9 8.6 12.8

Instrument :
MSVOA_W
ClientSampleId :
VW1218SBSD01

Manual Integrations
APPROVED

MMDadoda
12/21/2020 11:59:13 AM



#96
1,2,3-Trichlorobenzene
Concen: 21.77 ug/l
RT: 15.553 min Scan# 2239
Delta R.T. -0.001 min
Lab File: VW017669.D
Acq: 18 Dec 2020 12:16

Tgt Ion:180 Resp: 58203
Ion Ratio Lower Upper
180 100
182 95.6 49.4 148.2
145 33.5 16.3 48.9

