

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121420\
 Data File : VW017612.D
 Acq On : 14 Dec 2020 15:46
 Operator : SY/VA
 Sample : VW1214SBSD01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1214SBSD01

Manual Integrations
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Quant Time: Dec 14 16:21:51 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	261621	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.842	114	476910	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	426740	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	204203	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	163078	51.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.34%	
35) Dibromofluoromethane	7.890	113	146456	46.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.82%	
50) Toluene-d8	10.323	98	589388	47.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.94%	
62) 4-Bromofluorobenzene	12.615	95	214096	48.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.60%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.014	85	52893	25.77	ug/l	93
3) Chloromethane	2.215	50	53540	23.17	ug/l	94
4) Vinyl Chloride	2.367	62	76416	22.81	ug/l	100
5) Bromomethane	2.776	94	63389	24.60	ug/l	95
6) Chloroethane	2.922	64	48619	23.22	ug/l	99
7) Trichlorofluoromethane	3.269	101	55150	20.81	ug/l	95
8) Diethyl Ether	3.684	74	30610	21.07	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.074	101	61423	21.35	ug/l	87
10) Methyl Iodide	4.281	142	89507	21.13	ug/l	91
11) Tert butyl alcohol	5.184	59	32275	123.28	ug/l	97
12) 1,1-Dichloroethene	4.050	96	61732	20.89	ug/l #	75
13) Acrolein	3.891	56	20649	107.58	ug/l	99
14) Allyl chloride	4.672	41	98308	21.60	ug/l	92
15) Acrylonitrile	5.367	53	64655	100.48	ug/l	98
16) Acetone	4.129	43	57769	83.31	ug/l	97
17) Carbon Disulfide	4.391	76	185588	21.48	ug/l	98
18) Methyl Acetate	4.684	43	28364	20.12	ug/l	90
19) Methyl tert-butyl Ether	5.421	73	86632	21.67	ug/l	96
20) Methylene Chloride	4.922	84	81292	24.73	ug/l #	83
21) trans-1,2-Dichloroethene	5.428	96	69865	21.29	ug/l	93
22) Diisopropyl ether	6.318	45	186217	22.42	ug/l #	94
23) Vinyl Acetate	6.257	43	592945	106.09	ug/l	95
24) 1,1-Dichloroethane	6.220	63	124036	22.00	ug/l	97
25) 2-Butanone	7.177	43	86154	93.31	ug/l	92
26) 2,2-Dichloropropane	7.165	77	82394	19.62	ug/l	93
27) cis-1,2-Dichloroethene	7.171	96	75460	21.53	ug/l	85
28) Bromochloromethane	7.513	49	51228	21.37	ug/l #	71
29) Tetrahydrofuran	7.531	42	52122	100.36	ug/l	90
30) Chloroform	7.677	83	125320	21.89	ug/l	99
31) Cyclohexane	7.958	56	115424	20.97	ug/l	89
32) 1,1,1-Trichloroethane	7.872	97	104499	21.35	ug/l	95
36) 1,1-Dichloropropene	8.086	75	101228	20.27	ug/l	95
37) Ethyl Acetate	7.250	43	36954	17.71	ug/l	98
38) Carbon Tetrachloride	8.067	117	99978	19.92	ug/l	93
39) Methylcyclohexane	9.335	83	126122	19.94	ug/l #	88

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	8.323	78	271858	20.56	ug/l	100
41) Methacrylonitrile	7.488	41	21061	17.87	ug/l	97
42) 1,2-Dichloroethane	8.403	62	83650	20.77	ug/l	96
43) Isopropyl Acetate	8.427	43	75470	19.28	ug/l #	94
44) Trichloroethene	9.091	130	73394	20.12	ug/l	85
45) 1,2-Dichloropropane	9.372	63	66176	20.28	ug/l	98
46) Dibromomethane	9.463	93	35850	19.63	ug/l #	84
47) Bromodichloromethane	9.646	83	95509	20.52	ug/l	94
48) Methyl methacrylate	9.439	41	38612	20.10	ug/l #	84
49) 1,4-Dioxane	9.457	88	7933	351.18	ug/l #	92
51) 4-Methyl-2-Pentanone	10.213	43	184172	94.53	ug/l	91
52) Toluene	10.390	92	178398	20.62	ug/l	98
53) t-1,3-Dichloropropene	10.603	75	95685	20.09	ug/l	98
54) cis-1,3-Dichloropropene	10.073	75	110851	20.12	ug/l #	86
55) 1,1,2-Trichloroethane	10.786	97	48185	19.73	ug/l	97
56) Ethyl methacrylate	10.646	69	62353	19.76	ug/l #	87
57) 1,3-Dichloropropane	10.933	76	87090	20.19	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.927	63	152357	101.01	ug/l	91
59) 2-Hexanone	10.969	43	123610	94.83	ug/l	91
60) Dibromochloromethane	11.128	129	60778	19.89	ug/l	98
61) 1,2-Dibromoethane	11.237	107	47373	19.63	ug/l	97
64) Tetrachloroethene	10.866	164	54664	18.78	ug/l	93
65) Chlorobenzene	11.658	112	186061	20.28	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.731	131	65541	20.14	ug/l	99
67) Ethyl Benzene	11.731	91	348950	20.47	ug/l	99
68) m/p-Xylenes	11.841	106	266988	41.07	ug/l	97
69) o-Xylene	12.164	106	124136	20.25	ug/l	96
70) Styrene	12.182	104	209464	20.46	ug/l	97
71) Bromoform	12.347	173	31138	17.90	ug/l #	99
73) Isopropylbenzene	12.463	105	343101	21.25	ug/l	99
74) N-amyl acetate	12.274	43	66735	19.71	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.713	83	55775	20.71	ug/l	97
76) 1,2,3-Trichloropropane	12.768	75	39418m	20.05	ug/l	
77) Bromobenzene	12.749	156	74061	21.42	ug/l	82
78) n-propylbenzene	12.804	91	408971	21.33	ug/l	98
79) 2-Chlorotoluene	12.890	91	233042	21.80	ug/l	96
80) 1,3,5-Trimethylbenzene	12.944	105	287748	21.06	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.512	75	18617	19.19	ug/l	97
82) 4-Chlorotoluene	12.987	91	238759	21.17	ug/l	97
83) tert-Butylbenzene	13.207	119	245535	21.01	ug/l	92
84) 1,2,4-Trimethylbenzene	13.249	105	284368	21.13	ug/l	99
85) sec-Butylbenzene	13.383	105	350949	21.38	ug/l	97
86) p-Isopropyltoluene	13.499	119	315844	21.32	ug/l	96
87) 1,3-Dichlorobenzene	13.499	146	142900	20.73	ug/l	97
88) 1,4-Dichlorobenzene	13.578	146	143522	20.98	ug/l	96
89) n-Butylbenzene	13.822	91	303369	20.83	ug/l	97
90) Hexachloroethane	14.091	117	61390	21.09	ug/l	77
91) 1,2-Dichlorobenzene	13.871	146	128189	20.92	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.481	75	9945	20.29	ug/l	74
93) 1,2,4-Trichlorobenzene	15.133	180	90467	23.08	ug/l	93
94) Hexachlorobutadiene	15.237	225	43259	21.00	ug/l	97
95) Naphthalene	15.365	128	167581	20.90	ug/l	99

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 ALS Vial : 15 Sample Multiplier: 1

Instrument :
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 Quant Title : Sw846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.554	180	73691	21.74	ug/l	97

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

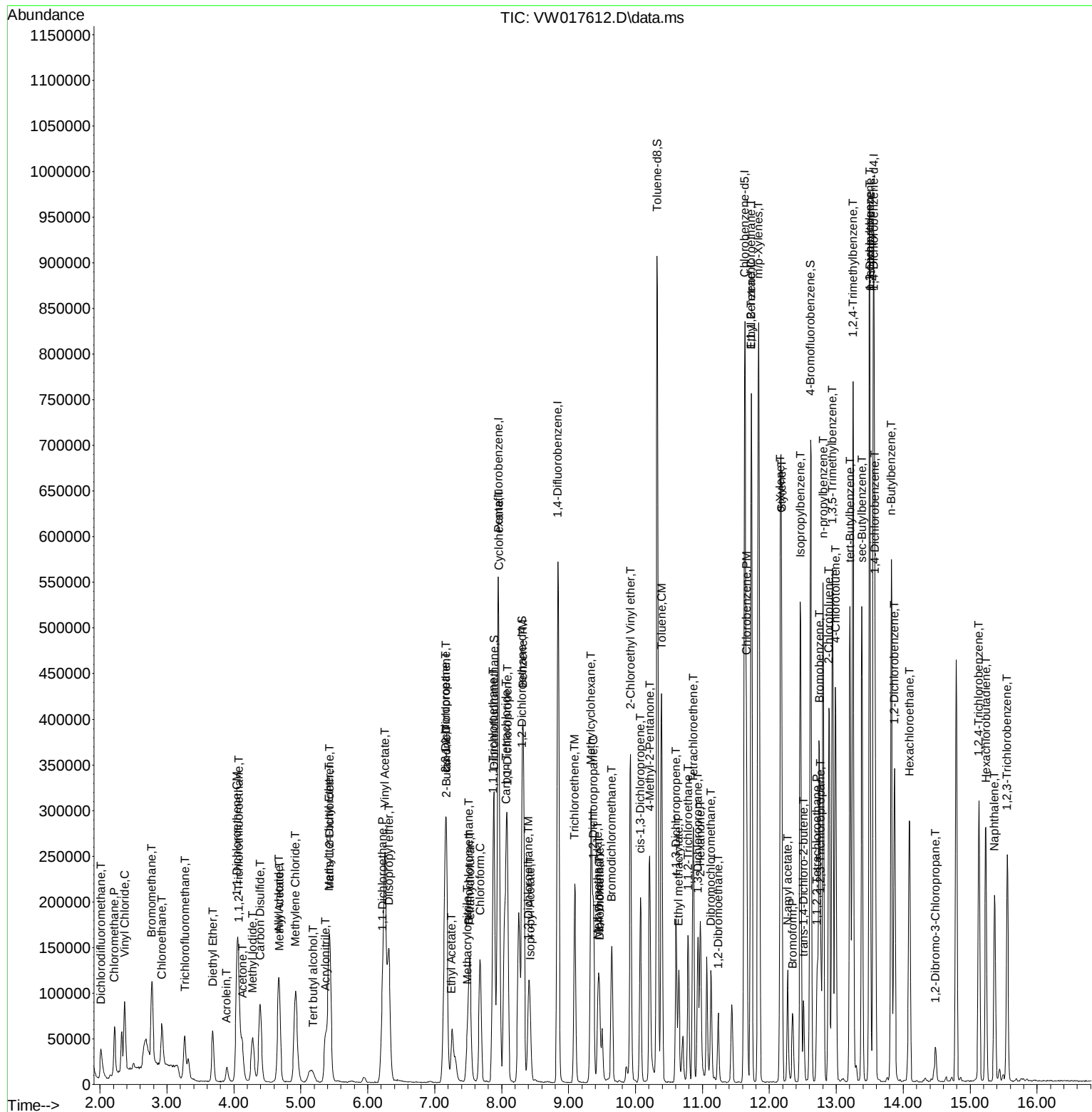
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 Data File : VW017612.D
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 Operator : SY/VA
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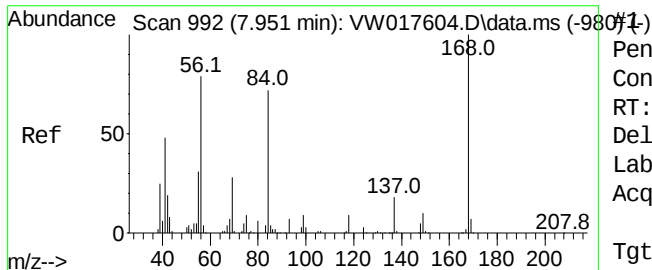
Instrument :
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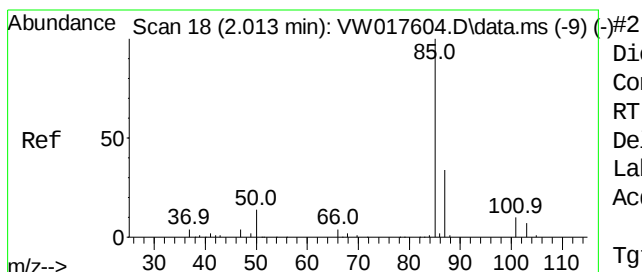
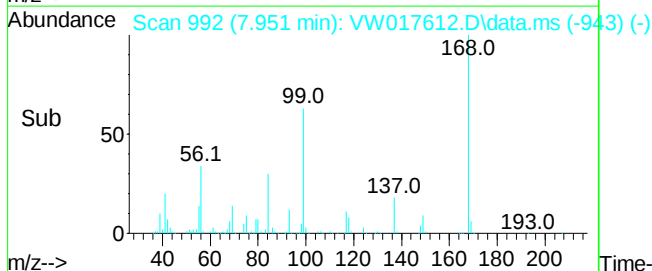
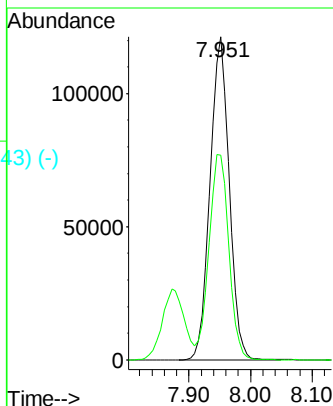
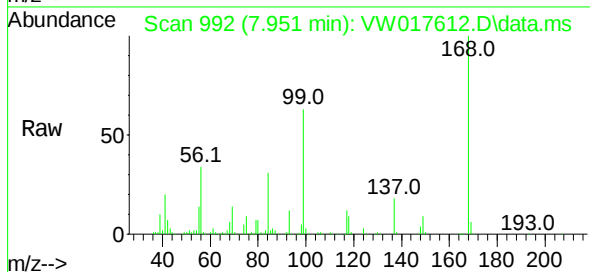
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.951 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW017612.D
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Tgt Ion:168 Resp: 261621
Ion Ratio Lower Upper
168 100
99 63.5 40.7 61.1#

Instrument :
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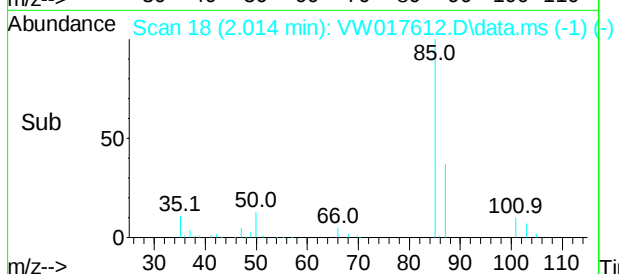
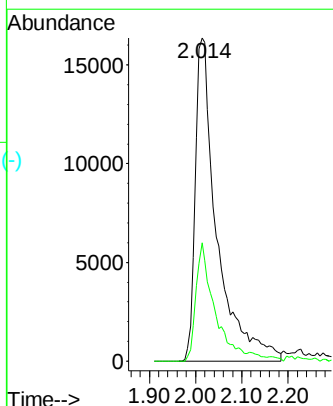
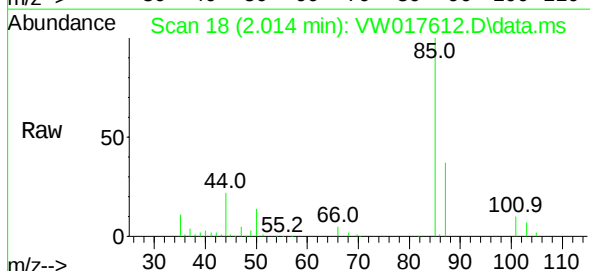
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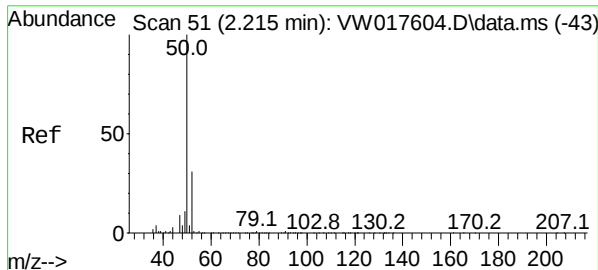
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Dichlorodifluoromethane
Concen: 25.77 ug/l
RT: 2.014 min Scan# 18
Delta R.T. 0.001 min
Lab File: VW017612.D
Acq: 14 Dec 2020 15:46

Tgt Ion: 85 Resp: 52893
Ion Ratio Lower Upper
85 100
87 36.6 16.3 48.9





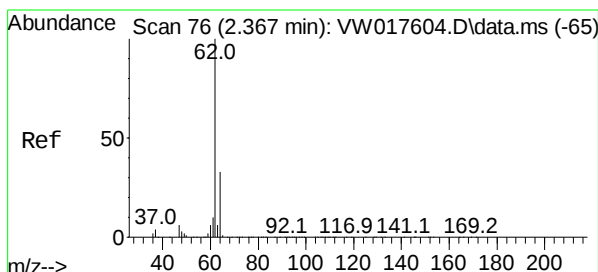
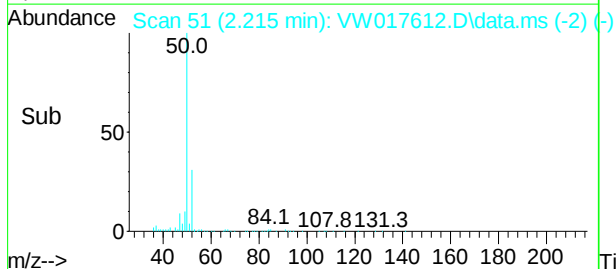
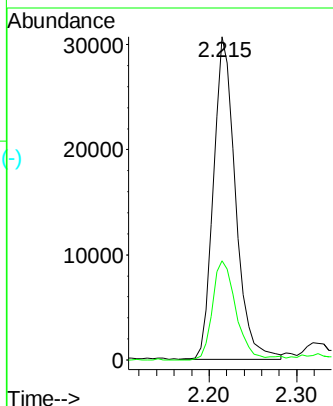
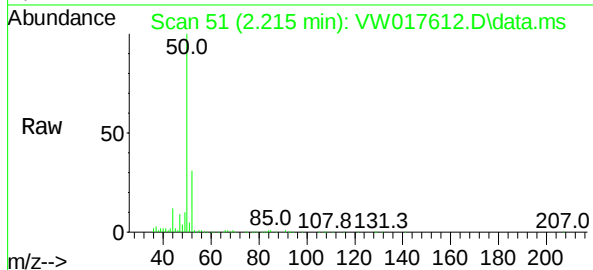
(#3
Chloromethane
Concen: 23.17 ug/l
RT: 2.215 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW017612.D
Acq: 14 Dec 2020 15:46

Tgt Ion: 50 Resp: 53540
Ion Ratio Lower Upper
50 100
52 30.9 27.6 41.4

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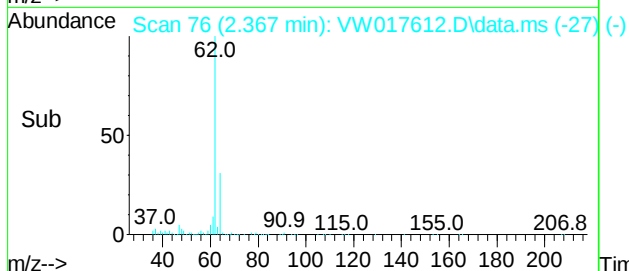
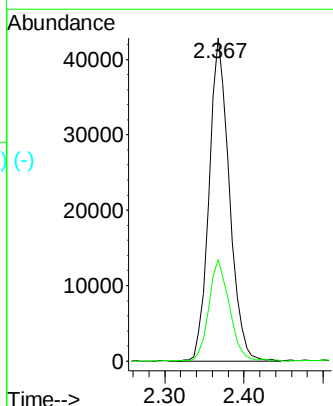
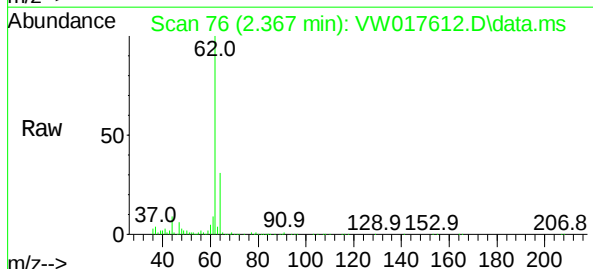
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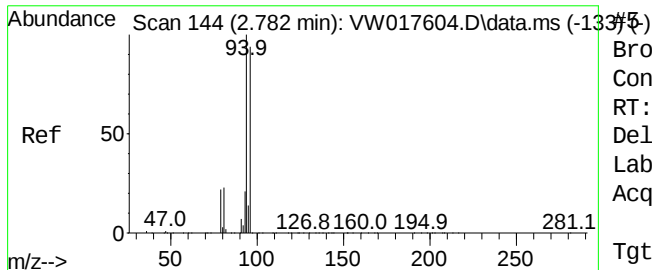
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(#4
Vinyl Chloride
Concen: 22.81 ug/l
RT: 2.367 min Scan# 76
Delta R.T. 0.000 min
Lab File: VW017612.D
Acq: 14 Dec 2020 15:46

Tgt Ion: 62 Resp: 76416
Ion Ratio Lower Upper
62 100
64 31.3 25.0 37.4





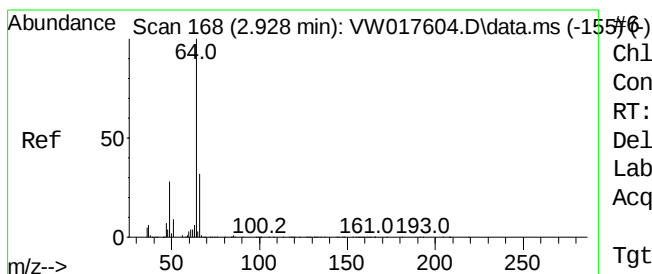
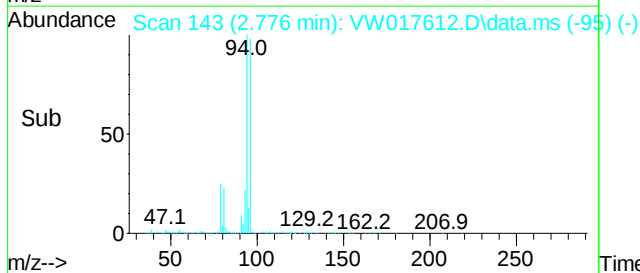
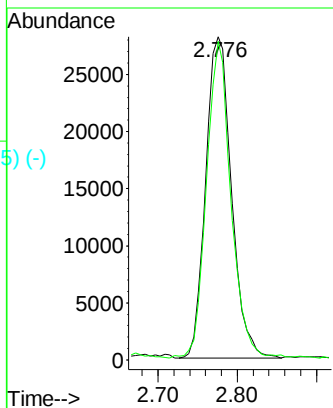
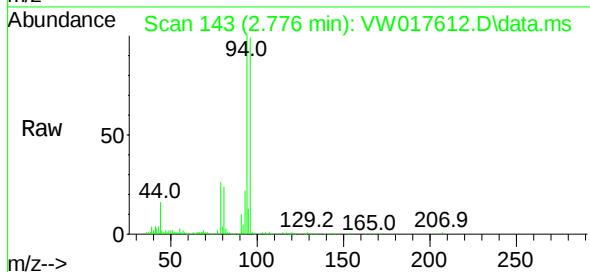
Bromomethane
 Concen: 24.60 ug/l
 RT: 2.776 min Scan# 143
 Delta R.T. -0.006 min
 Lab File: VW017612.D
 Acq: 14 Dec 2020 15:46

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Tgt Ion: 94 Resp: 63389
 Ion Ratio Lower Upper
 94 100
 96 98.2 74.7 112.1

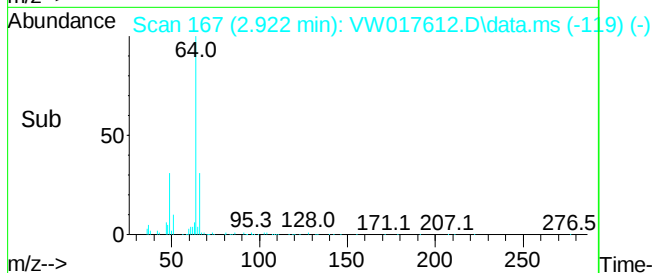
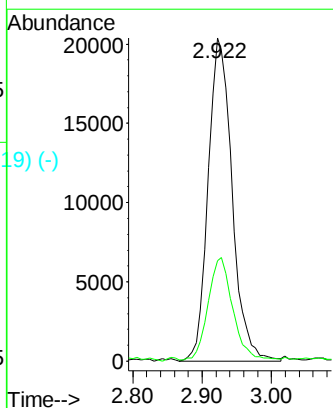
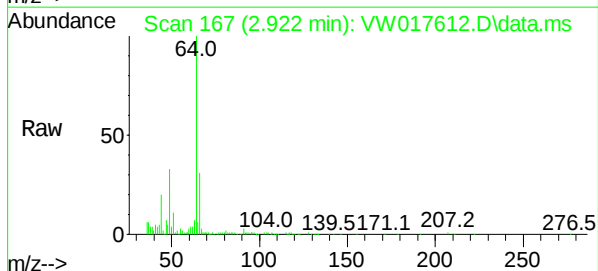
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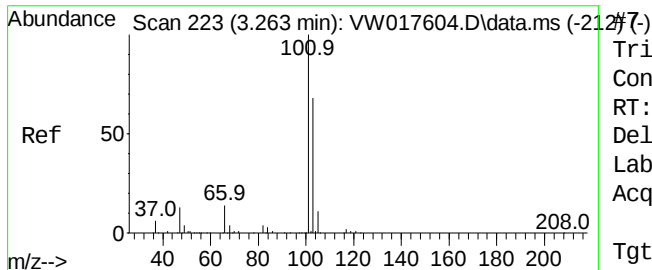
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Chloroethane
 Concen: 23.22 ug/l
 RT: 2.922 min Scan# 167
 Delta R.T. -0.006 min
 Lab File: VW017612.D
 Acq: 14 Dec 2020 15:46

Tgt Ion: 64 Resp: 48619
 Ion Ratio Lower Upper
 64 100
 66 30.5 25.0 37.6





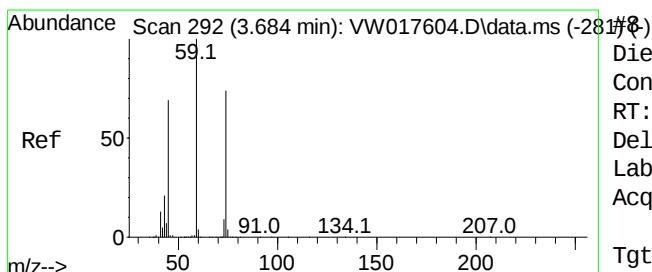
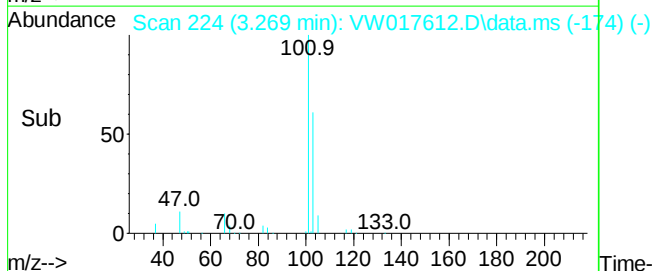
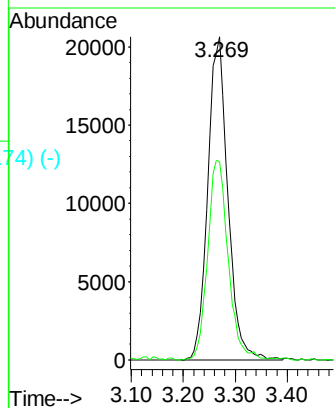
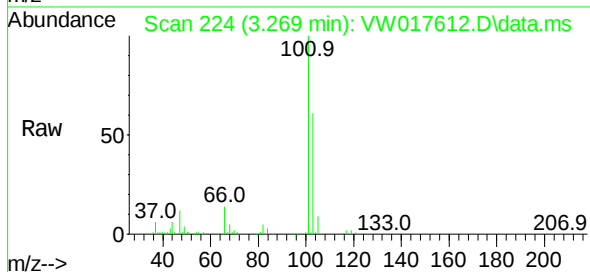
Trichlorofluoromethane
 Concen: 20.81 ug/l
 RT: 3.269 min Scan# 224
 Delta R.T. 0.006 min
 Lab File: VW017612.D
 Acq: 14 Dec 2020 15:46

Instrument :
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Tgt Ion:101 Resp: 55150
 Ion Ratio Lower Upper
 101 100
 103 61.4 52.6 79.0

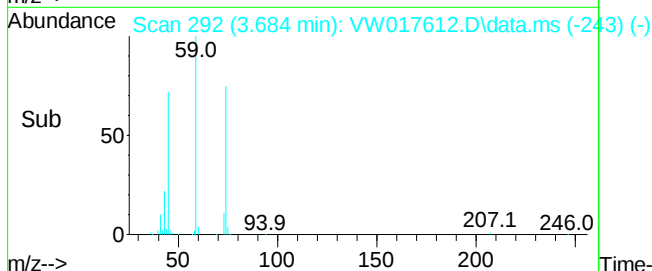
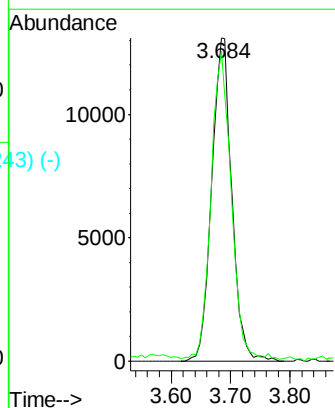
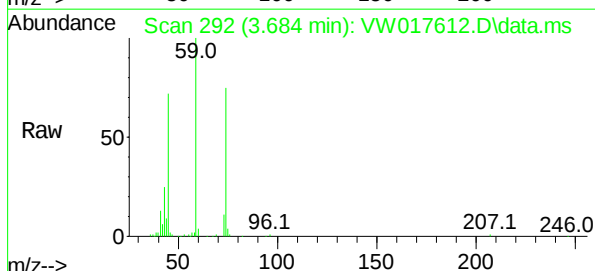
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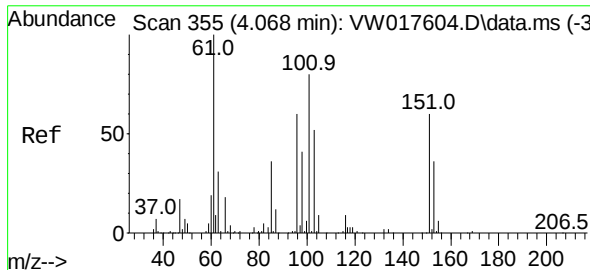
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Diethyl Ether
 Concen: 21.07 ug/l
 RT: 3.684 min Scan# 292
 Delta R.T. -0.000 min
 Lab File: VW017612.D
 Acq: 14 Dec 2020 15:46

Tgt Ion: 74 Resp: 30610
 Ion Ratio Lower Upper
 74 100
 45 94.6 41.1 123.4





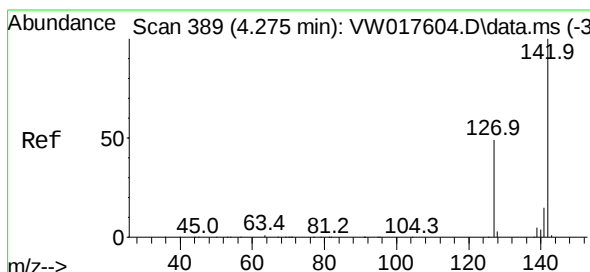
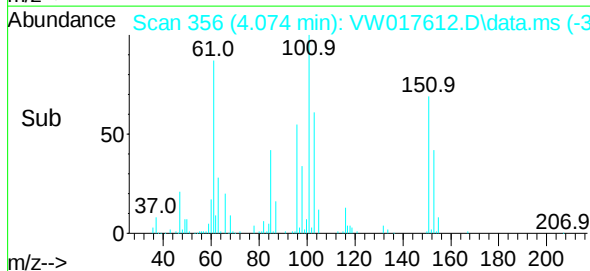
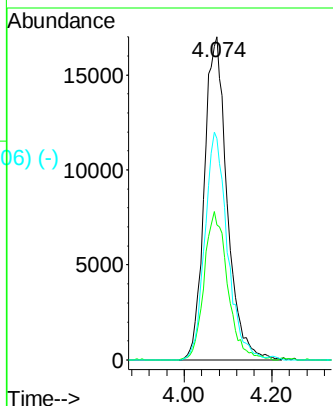
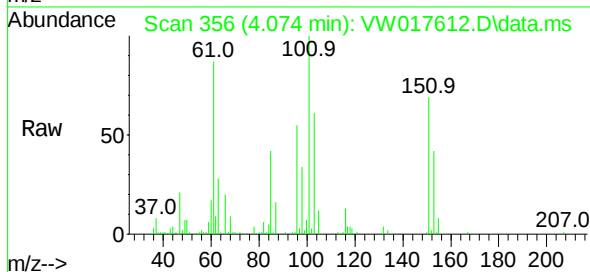
1,1,2-Trichlorotrifluoroethane
 Concen: 21.35 ug/l
 RT: 4.074 min Scan# 356
 Delta R.T. 0.006 min
 Lab File: VW017612.D
 Acq: 14 Dec 2020 15:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1214SBSD01

Tgt Ion:	101	Resp:	61423
Ion	Ratio	Lower	Upper
101	100		
85	47.3	33.2	49.8
151	69.7	66.6	100.0

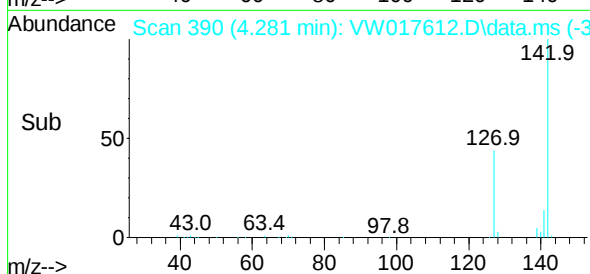
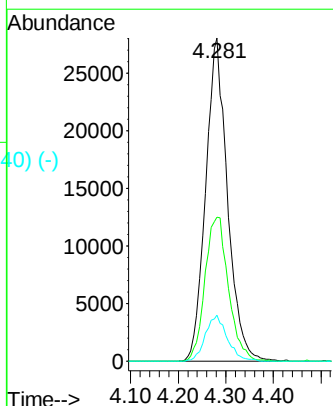
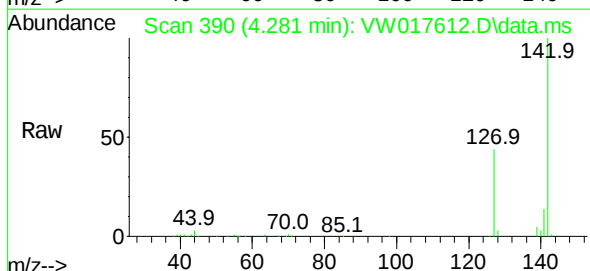
Manual Integrations
 APPROVED

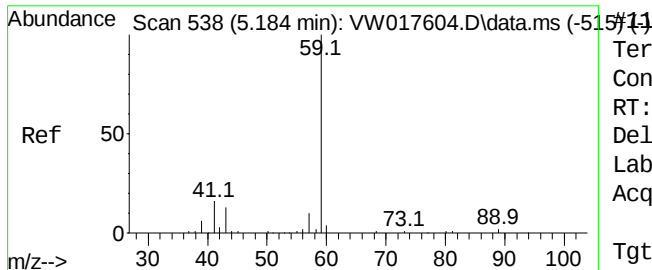
MMDadoda
 12/15/2020 4:50:33 PM



Methyl Iodide
 Concen: 21.13 ug/l
 RT: 4.281 min Scan# 390
 Delta R.T. 0.006 min
 Lab File: VW017612.D
 Acq: 14 Dec 2020 15:46

Tgt Ion:	142	Resp:	89507
Ion	Ratio	Lower	Upper
142	100		
127	48.1	32.4	48.6
141	14.2	11.4	17.0





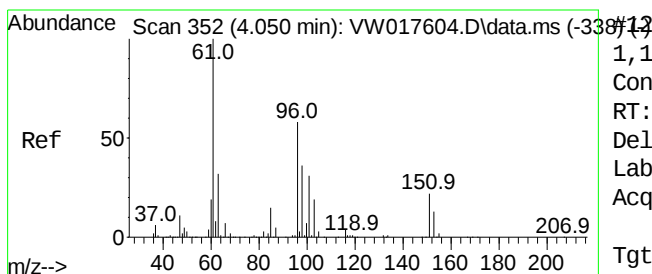
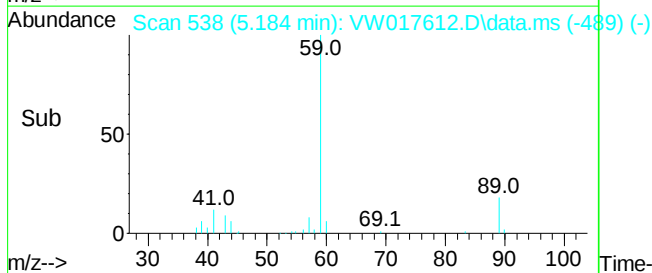
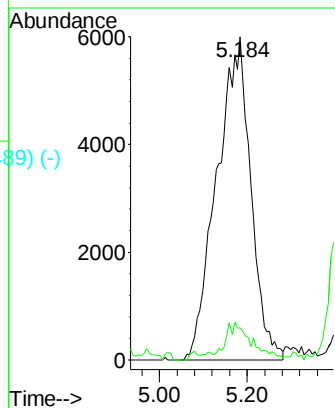
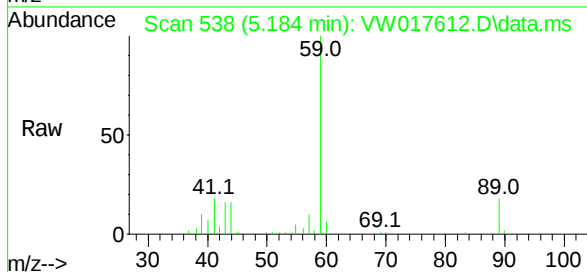
Tert butyl alcohol
Concen: 123.28 ug/l
RT: 5.184 min Scan# 538
Delta R.T. -0.000 min
Lab File: VW017612.D
Acq: 14 Dec 2020 15:46

Instrument :
MSVOA_W
ClientSampleId :
VW1214SBSD01

Tgt Ion: 59 Resp: 32275
Ion Ratio Lower Upper
59 100
57 7.0 4.7 7.1

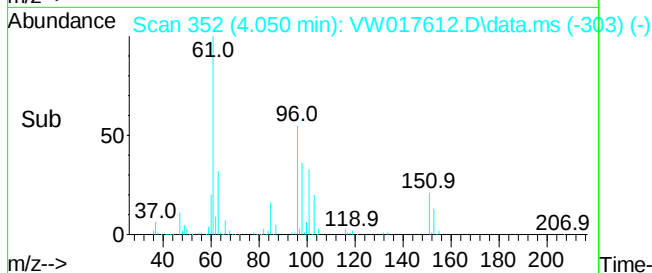
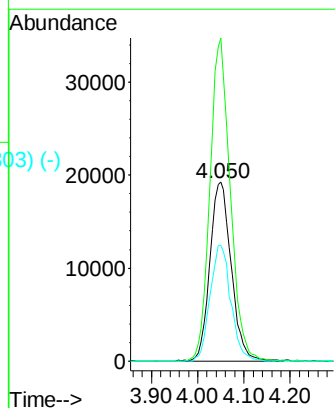
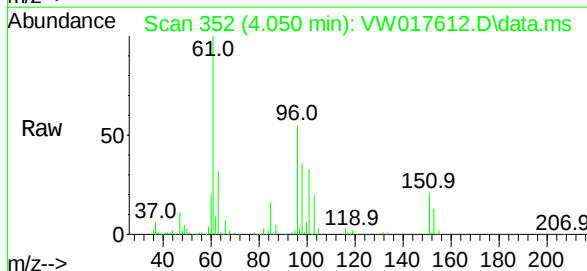
Manual Integrations
APPROVED

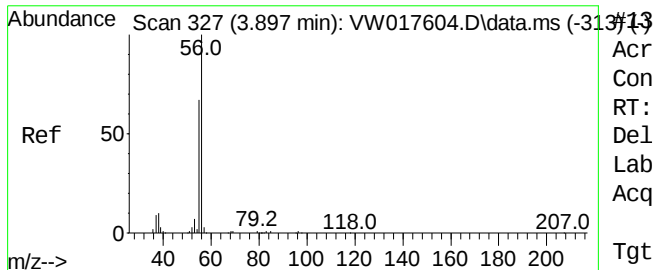
MMDadoda
12/15/2020 4:50:33 PM



1,1-Dichloroethene
Concen: 20.89 ug/l
RT: 4.050 min Scan# 352
Delta R.T. -0.000 min
Lab File: VW017612.D
Acq: 14 Dec 2020 15:46

Tgt Ion: 96 Resp: 61732
Ion Ratio Lower Upper
96 100
61 180.7 111.7 167.5#
98 64.9 49.0 73.4





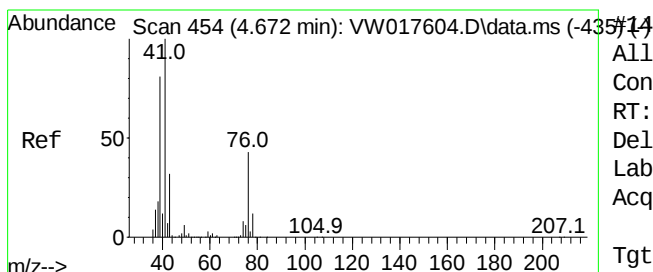
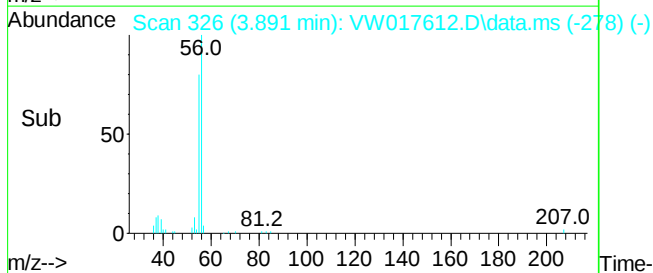
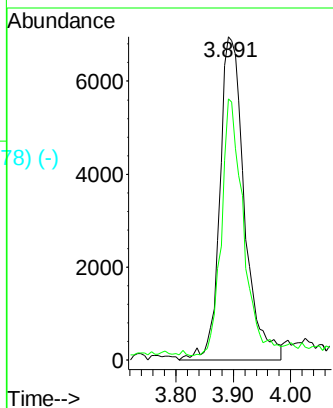
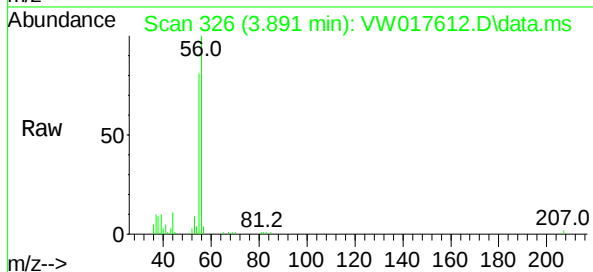
#13
Acrolein
Concen: 107.58 ug/l
RT: 3.891 min Scan# 326
Delta R.T. -0.006 min
Lab File: VW017612.D
Acq: 14 Dec 2020 15:46

Instrument :
MSVOA_W
ClientSampleId :
VW1214SBS01

Tgt Ion: 56 Resp: 20649
Ion Ratio Lower Upper
56 100
55 71.0 55.9 83.9

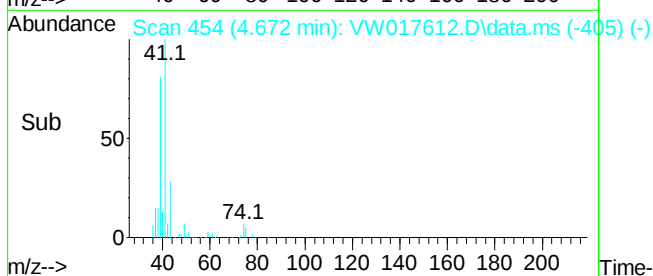
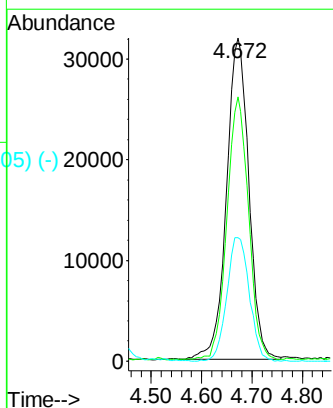
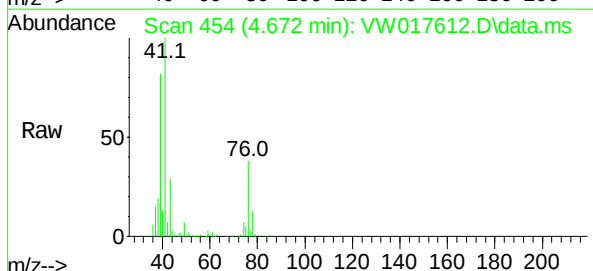
Manual Integrations
APPROVED

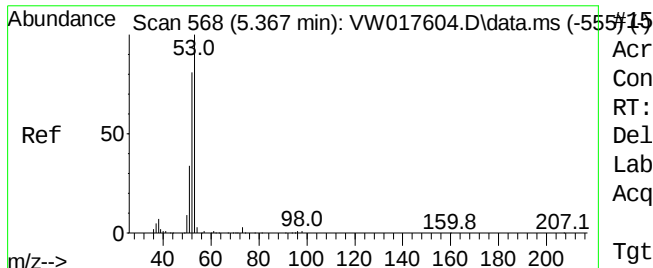
MMDadoda
12/15/2020 4:50:33 PM



#14
Allyl chloride
Concen: 21.60 ug/l
RT: 4.672 min Scan# 454
Delta R.T. -0.000 min
Lab File: VW017612.D
Acq: 14 Dec 2020 15:46

Tgt Ion: 41 Resp: 98308
Ion Ratio Lower Upper
41 100
39 78.5 57.8 86.8
76 38.7 35.1 52.7





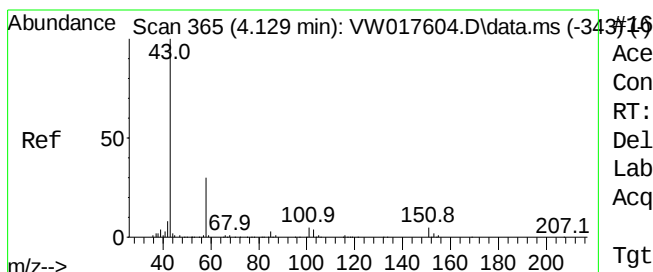
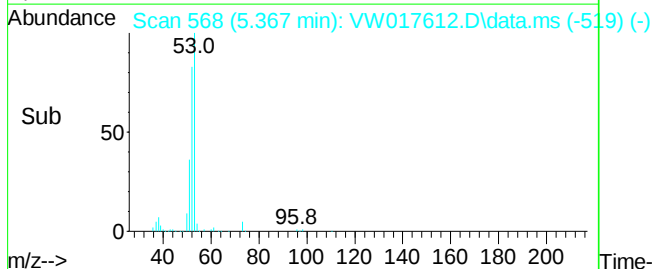
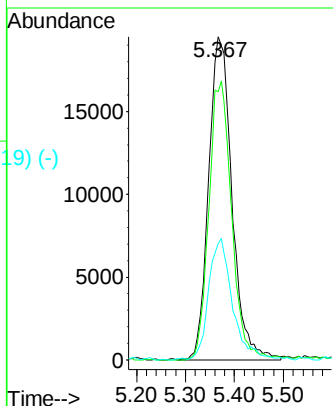
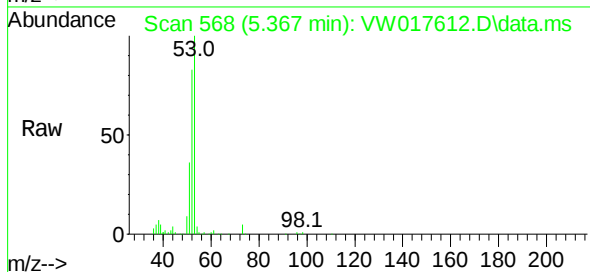
Acrylonitrile
 Concen: 100.48 ug/l
 RT: 5.367 min Scan# 568
 Delta R.T. -0.000 min
 Lab File: VW017612.D
 Acq: 14 Dec 2020 15:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1214SBS01

Tgt Ion:	53	Resp:	64655
Ion	Ratio	Lower	Upper
53	100		
52	83.8	65.0	97.4
51	37.2	29.1	43.7

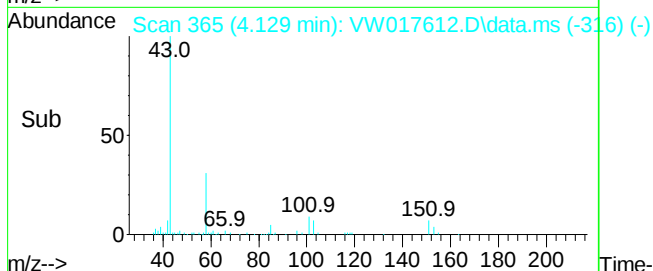
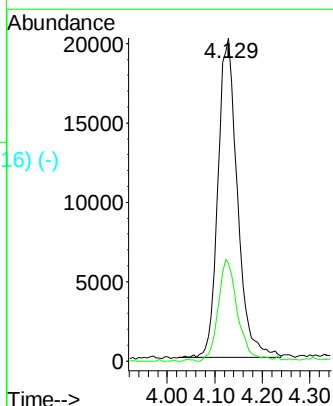
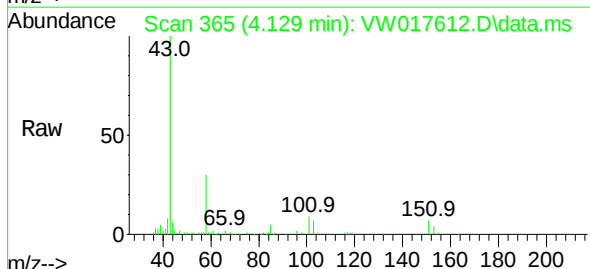
Manual Integrations
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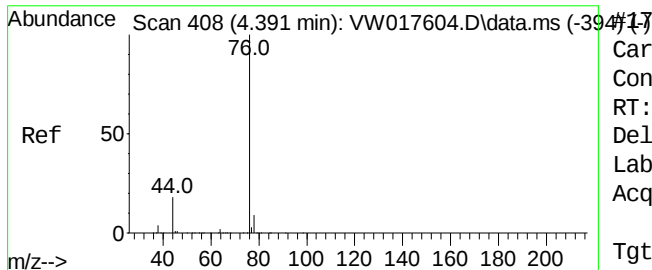
MMDadoda
 12/15/2020 4:50:33 PM



Acetone
 Concen: 83.31 ug/l
 RT: 4.129 min Scan# 365
 Delta R.T. -0.000 min
 Lab File: VW017612.D
 Acq: 14 Dec 2020 15:46

Tgt Ion:	43	Resp:	57769
Ion	Ratio	Lower	Upper
43	100		
58	30.6	25.7	38.5





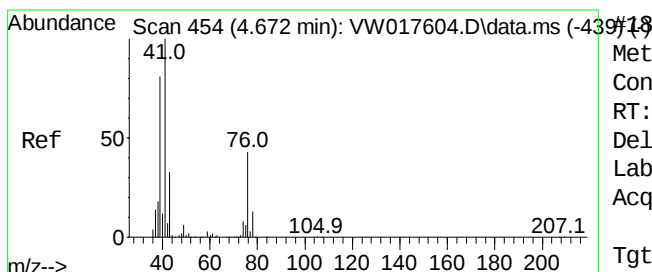
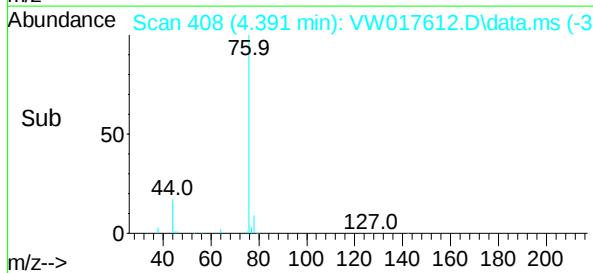
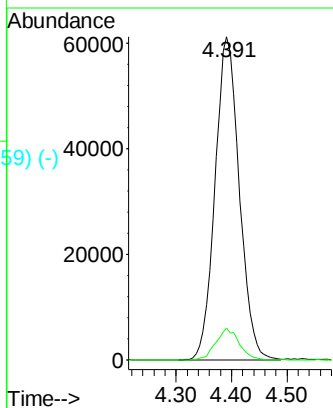
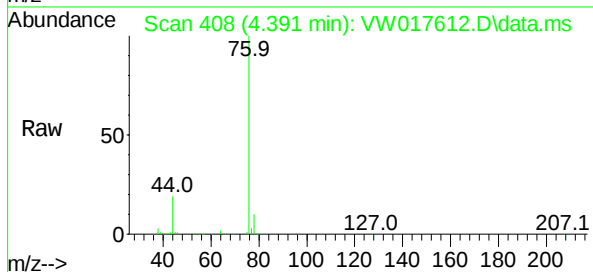
Carbon Disulfide
Concen: 21.48 ug/l
RT: 4.391 min Scan# 408
Delta R.T. 0.000 min
Lab File: VW017612.D
Acq: 14 Dec 2020 15:46

Instrument :
MSVOA_W
ClientSampleId :
VW1214SBSD01

Tgt Ion: 76 Resp: 185588
Ion Ratio Lower Upper
76 100
78 9.9 7.4 11.2

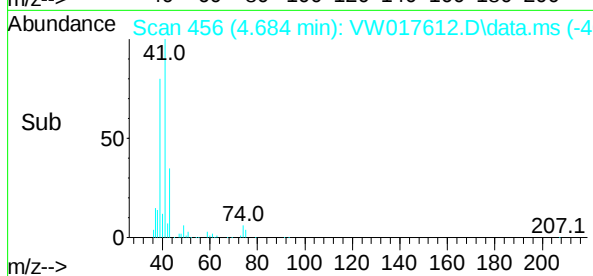
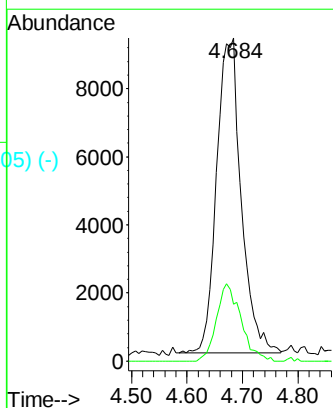
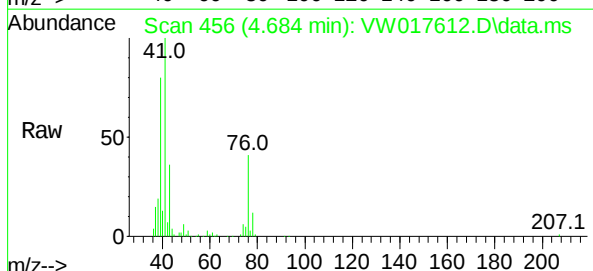
Manual Integrations
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MMDadoda
12/15/2020 4:50:33 PM

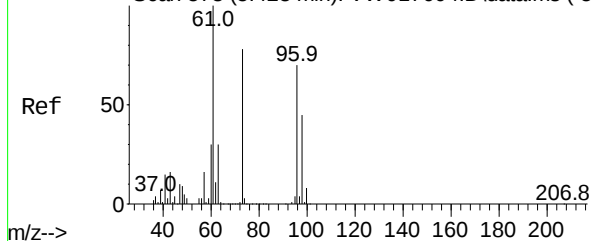


Methyl Acetate
Concen: 20.12 ug/l
RT: 4.684 min Scan# 456
Delta R.T. 0.012 min
Lab File: VW017612.D
Acq: 14 Dec 2020 15:46

Tgt Ion: 43 Resp: 28364
Ion Ratio Lower Upper
43 100
74 24.5 23.8 35.6



Abundance Scan 578 (5.428 min): VW017604.D\data.ms (-562) 19



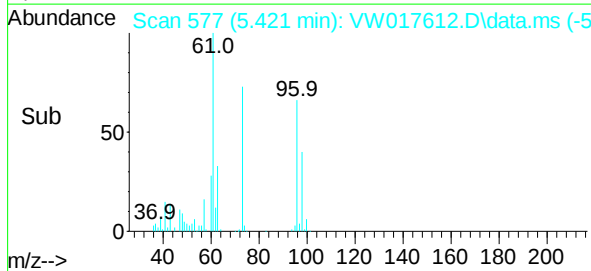
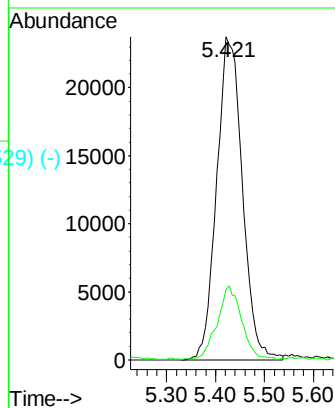
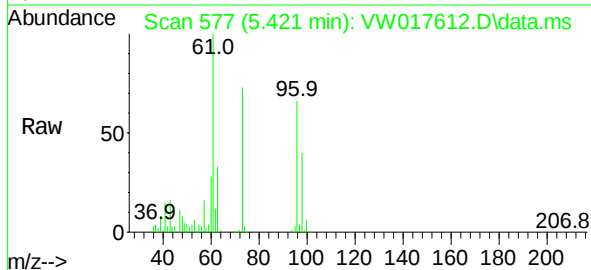
Methyl tert-butyl Ether
Concen: 21.67 ug/l
RT: 5.421 min Scan# 577
Delta R.T. -0.007 min
Lab File: VW017612.D
Acq: 14 Dec 2020 15:46

Tgt Ion: 73 Resp: 86632
Ion Ratio Lower Upper
73 100
57 21.8 16.1 24.1

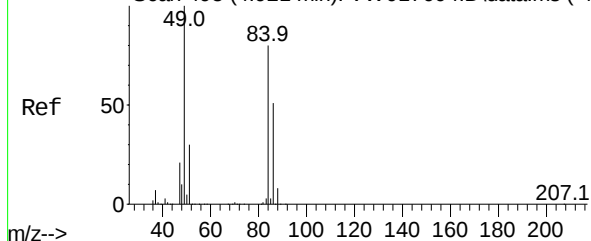
Instrument :
MSVOA_W
ClientSampleId :
VW1214SBSD01

Manual Integrations
APPROVED

MMDadoda
12/15/2020 4:50:33 PM

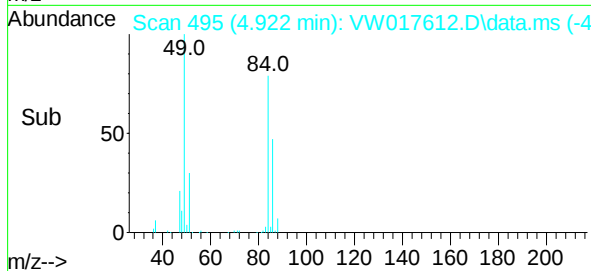
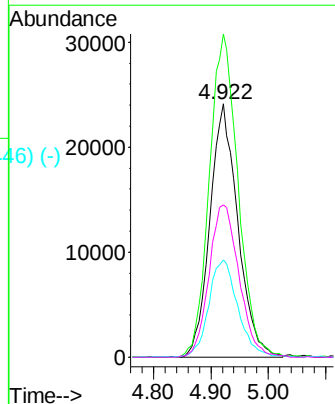
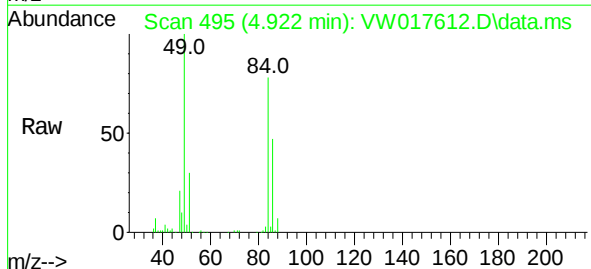


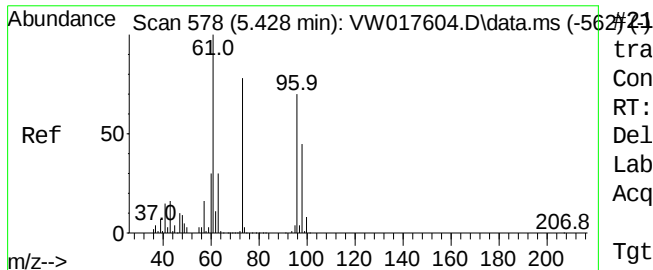
Abundance Scan 495 (4.921 min): VW017604.D\data.ms (-480) 20



Methylene Chloride
Concen: 24.73 ug/l
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW017612.D
Acq: 14 Dec 2020 15:46

Tgt Ion: 84 Resp: 81292
Ion Ratio Lower Upper
84 100
49 127.0 79.0 118.6#
51 38.1 26.1 39.1
86 59.6 50.1 75.1





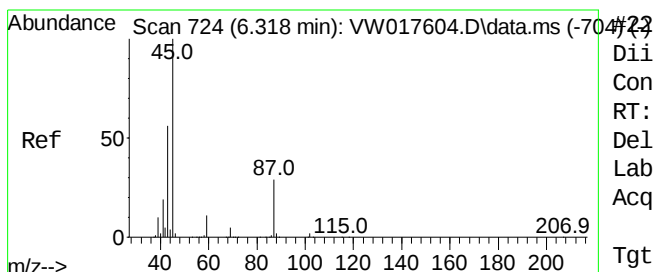
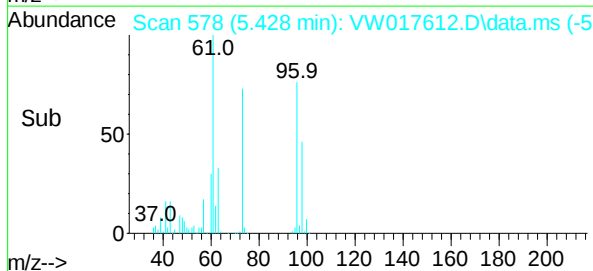
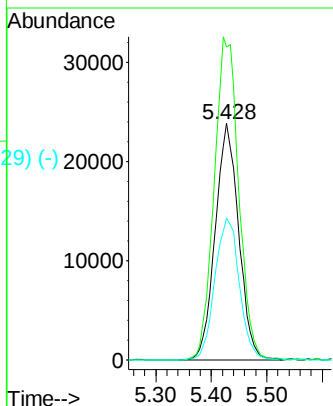
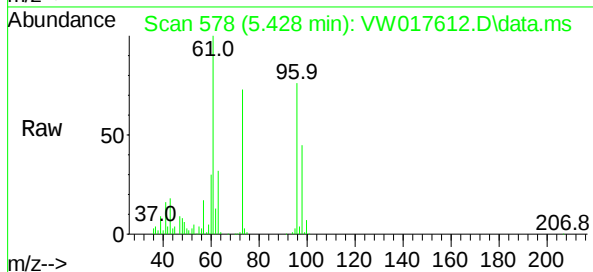
trans-1,2-Dichloroethene
Concen: 21.29 ug/l
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW017612.D
Acq: 14 Dec 2020 15:46

Instrument :
MSVOA_W
ClientSampleId :
VW1214SBSD01

Tgt Ion:	96	Resp:	69865
Ion	Ratio	Lower	Upper
96	100		
61	132.4	97.4	146.0
98	60.2	49.4	74.0

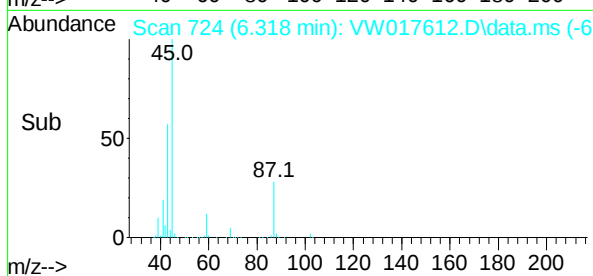
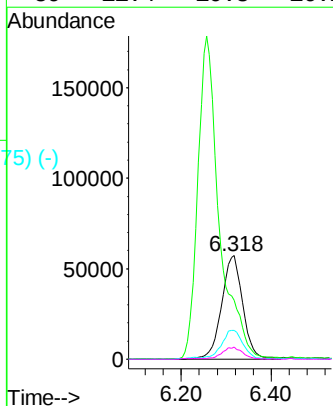
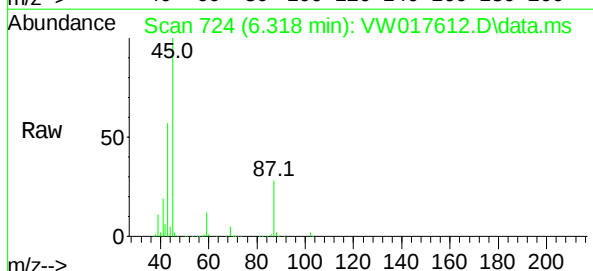
Manual Integrations
APPROVED

MMDadoda
12/15/2020 4:50:33 PM



Diisopropyl ether
Concen: 22.42 ug/l
RT: 6.318 min Scan# 724
Delta R.T. -0.000 min
Lab File: VW017612.D
Acq: 14 Dec 2020 15:46

Tgt Ion:	45	Resp:	186217
Ion	Ratio	Lower	Upper
45	100		
43	56.1	43.8	65.8
87	27.4	27.6	41.4#
59	11.4	10.8	16.2



Abundance Scan 714 (6.257 min): VW017604.D\data.ms (-701#23)

Vinyl Acetate
Concen: 106.09 ug/l
RT: 6.257 min Scan# 714
Delta R.T. -0.000 min
Lab File: VW017612.D
Acq: 14 Dec 2020 15:46

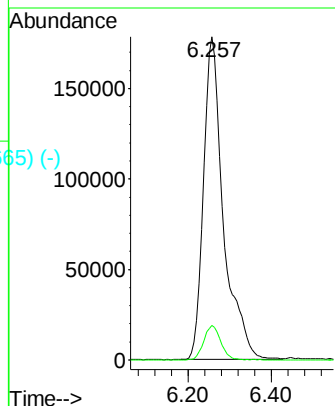
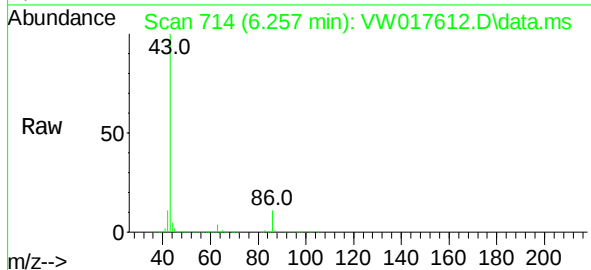
Instrument :
MSVOA_W
ClientSampleId :
VW1214SBSD01

Manual Integrations
APPROVED

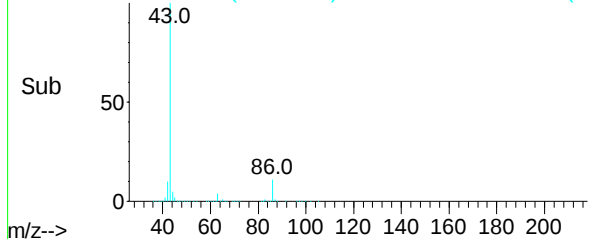
MMDadoda
12/15/2020 4:50:33 PM

Abundance Scan 714 (6.257 min): VW017612.D\data.ms

Tgt Ion: 43 Resp: 592945
Ion Ratio Lower Upper
43 100
86 10.6 10.2 15.4



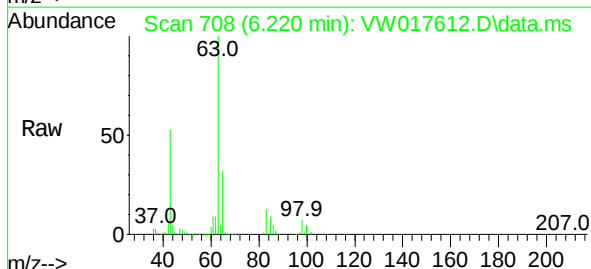
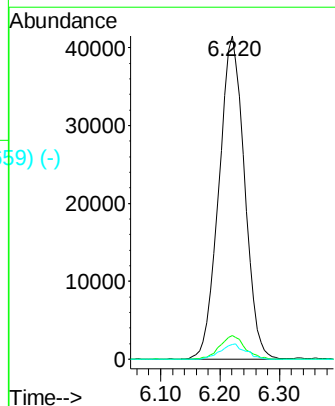
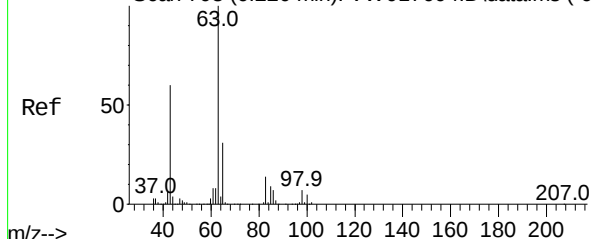
Abundance Scan 714 (6.257 min): VW017612.D\data.ms (-665) (-)



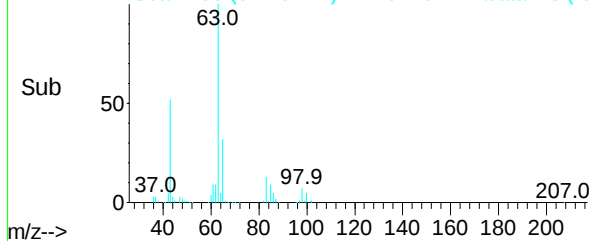
Abundance Scan 708 (6.220 min): VW017604.D\data.ms (-693#24)

1,1-Dichloroethane
Concen: 22.00 ug/l
RT: 6.220 min Scan# 708
Delta R.T. 0.000 min
Lab File: VW017612.D
Acq: 14 Dec 2020 15:46

Tgt Ion: 63 Resp: 124036
Ion Ratio Lower Upper
63 100
98 7.2 4.2 12.6
100 4.6 2.6 7.8



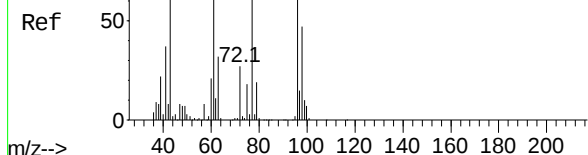
Abundance Scan 708 (6.220 min): VW017612.D\data.ms (-659) (-)



Abundance Scan 865 (7.177 min): VW017604.D\data.ms (-849) 25

2-Butanone
Concen: 93.31 ug/l
RT: 7.177 min Scan# 865
Delta R.T. 0.000 min
Lab File: VW017612.D
Acq: 14 Dec 2020 15:46

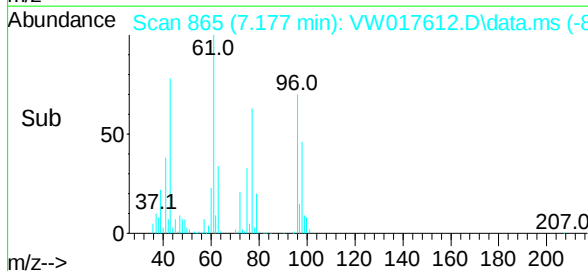
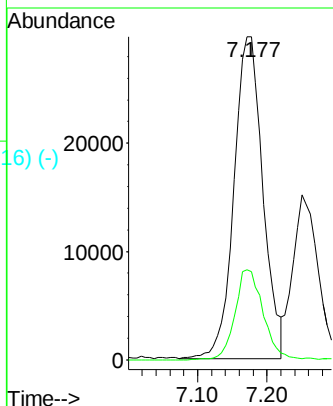
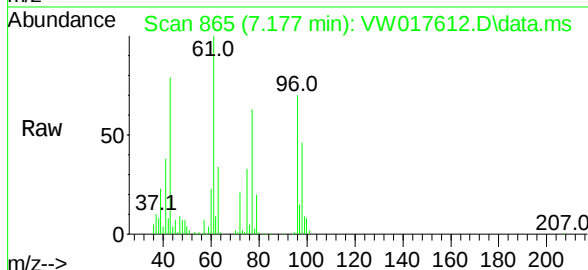
Instrument :
MSVOA_W
ClientSampleId :
VW1214SBSD01



Tgt Ion: 43 Resp: 86154
Ion Ratio Lower Upper
43 100
72 27.4 25.4 38.2

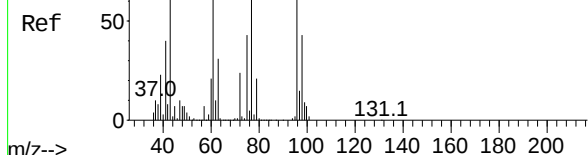
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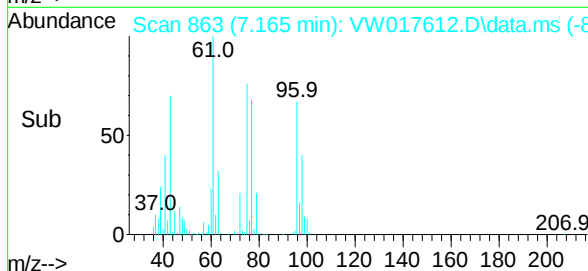
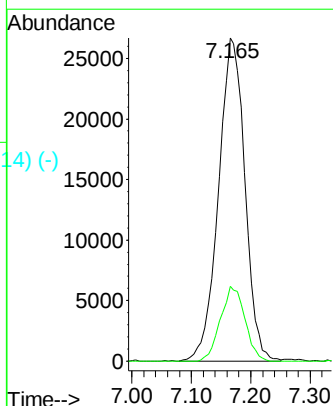
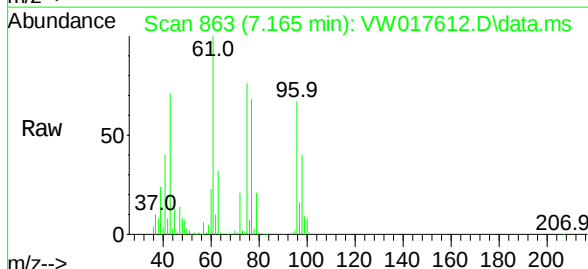


Abundance Scan 863 (7.165 min): VW017604.D\data.ms (-849) 26

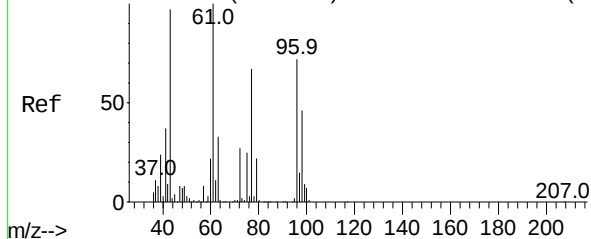
2,2-Dichloropropane
Concen: 19.62 ug/l
RT: 7.165 min Scan# 863
Delta R.T. 0.000 min
Lab File: VW017612.D
Acq: 14 Dec 2020 15:46



Tgt Ion: 77 Resp: 82394
Ion Ratio Lower Upper
77 100
97 21.4 12.4 37.4



Abundance Scan 864 (7.171 min): VW017604.D\data.ms (-851#27)



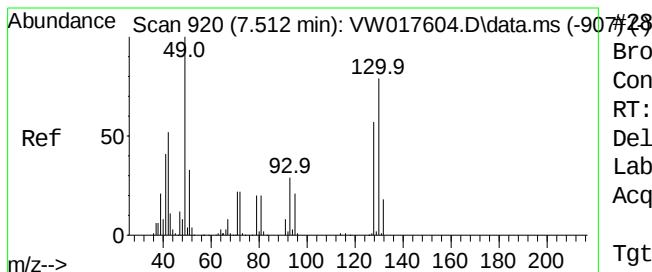
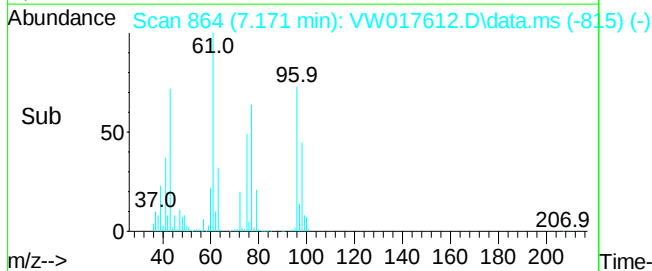
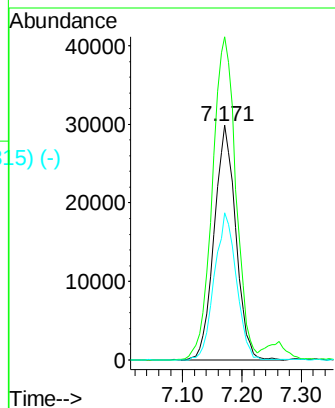
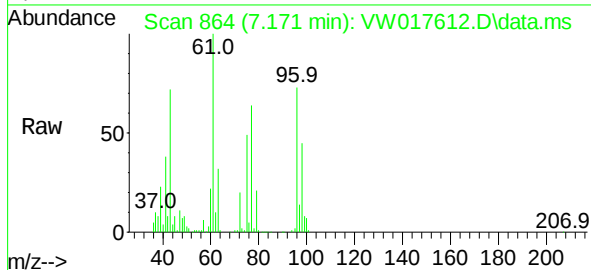
cis-1,2-Dichloroethene
Concen: 21.53 ug/l
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW017612.D
Acq: 14 Dec 2020 15:46

Tgt Ion:	96	Resp:	75460
Ion	Ratio	Lower	Upper
96	100		
61	149.4	0.0	249.6
98	63.8	0.0	129.4

Instrument :
MSVOA_W
ClientSampleId :
VW1214SBSD01

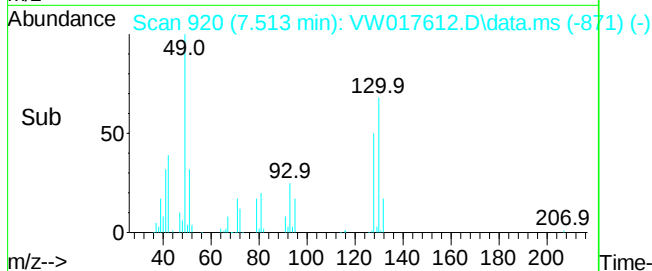
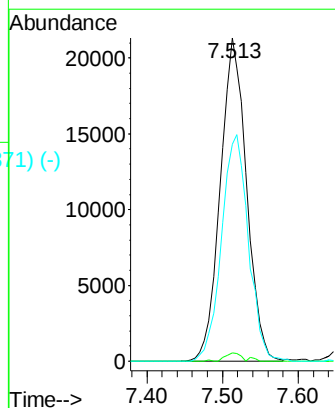
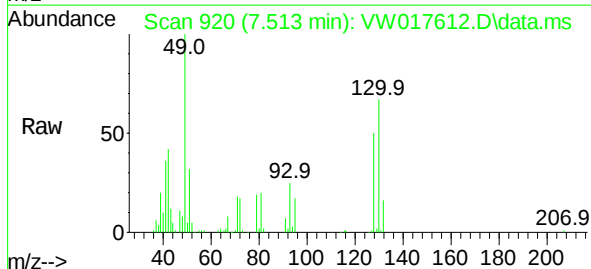
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Bromochloromethane
Concen: 21.37 ug/l
RT: 7.513 min Scan# 920
Delta R.T. 0.001 min
Lab File: VW017612.D
Acq: 14 Dec 2020 15:46

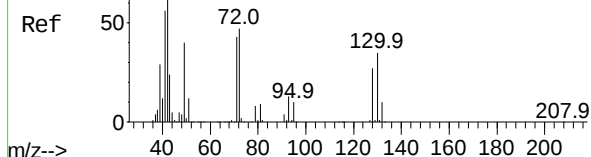
Tgt Ion:	49	Resp:	51228
Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	4.8
130	72.1	81.3	121.9#



Abundance Scan 924 (7.537 min): VW017604.D\data.ms (-908) #29

Tetrahydrofuran
Concen: 100.36 ug/l
RT: 7.531 min Scan# 923
Delta R.T. -0.006 min
Lab File: VW017612.D
Acq: 14 Dec 2020 15:46

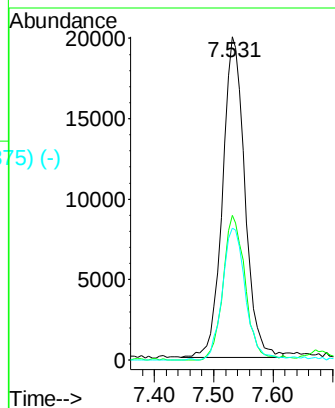
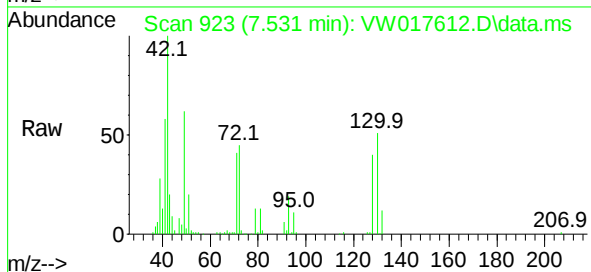
Instrument :
MSVOA_W
ClientSampleId :
VW1214SBSD01



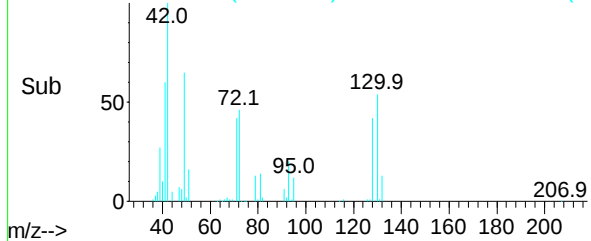
Tgt Ion:	42	Resp:	52122
Ion	Ratio	Lower	Upper
42	100		
72	44.4	42.0	63.0
71	42.4	39.0	58.6

Manual Integrations
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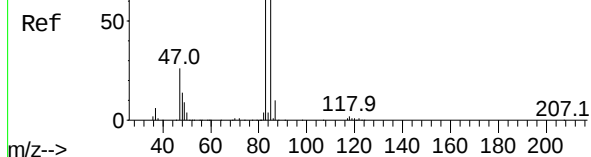


Abundance Scan 923 (7.531 min): VW017612.D\data.ms (-875) (-)

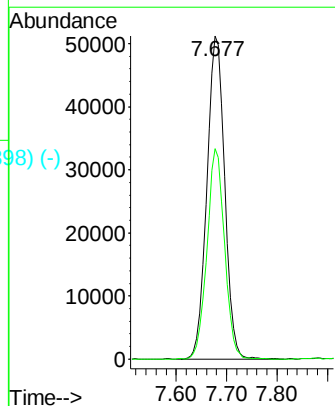
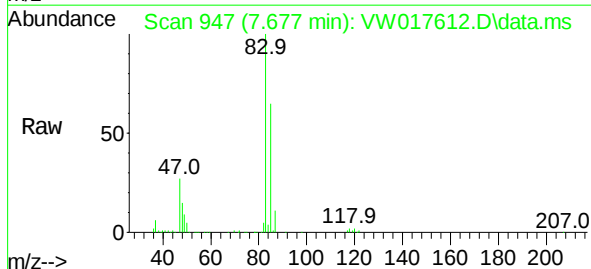


Abundance Scan 947 (7.677 min): VW017604.D\data.ms (-937) #30

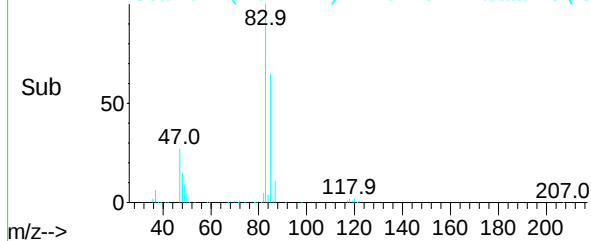
Chloroform
Concen: 21.89 ug/l
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW017612.D
Acq: 14 Dec 2020 15:46

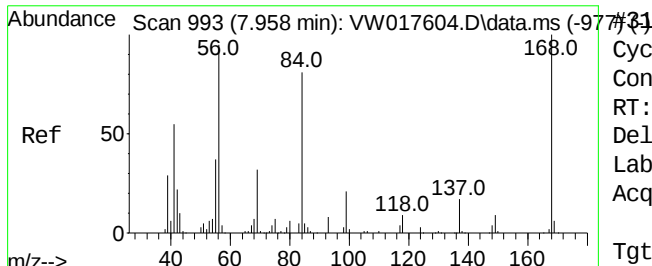


Tgt Ion:	83	Resp:	125320
Ion	Ratio	Lower	Upper
83	100		
85	65.2	51.7	77.5



Abundance Scan 947 (7.677 min): VW017612.D\data.ms (-898) (-)





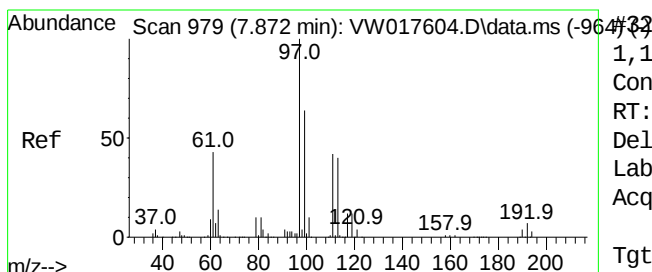
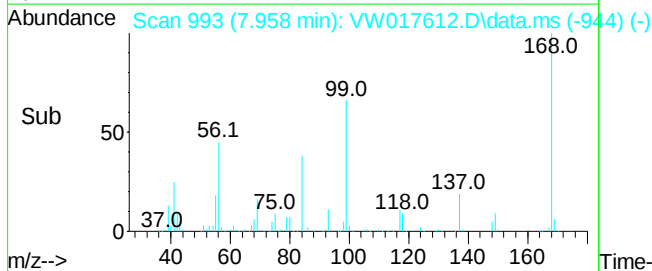
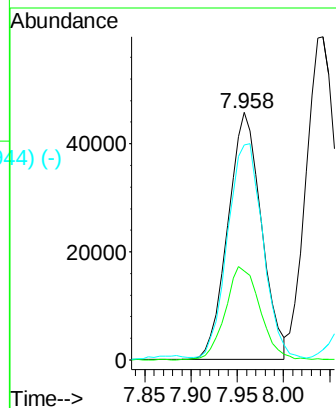
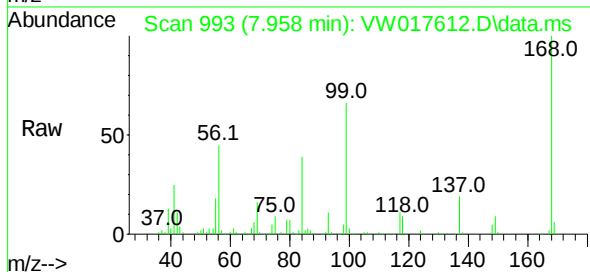
Cyclohexane
Concen: 20.97 ug/l
RT: 7.958 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW017612.D
Acq: 14 Dec 2020 15:46

Tgt Ion:	56	Resp:	115424
Ion	Ratio	Lower	Upper
56	100		
69	35.9	29.3	43.9
84	85.9	80.5	120.7

Instrument :
MSVOA_W
ClientSampleId :
VW1214SBSD01

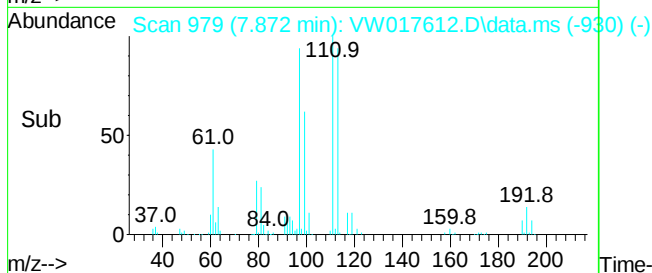
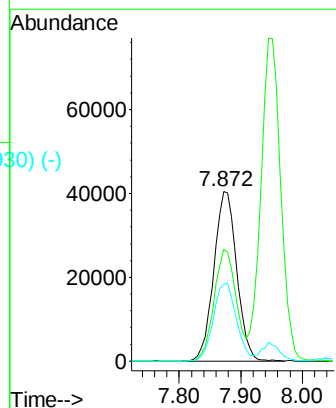
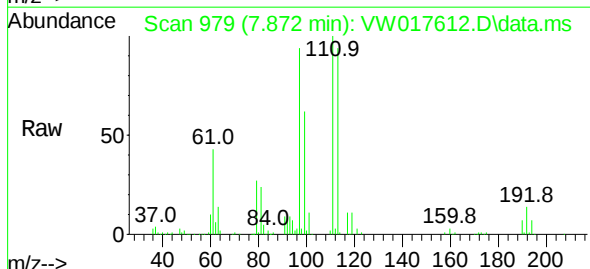
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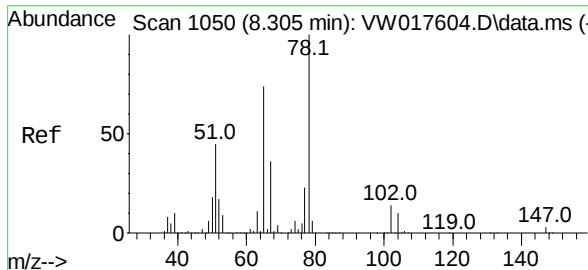
MMDadoda
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1,1,1-Trichloroethane
Concen: 21.35 ug/l
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW017612.D
Acq: 14 Dec 2020 15:46

Tgt Ion:	97	Resp:	104499
Ion	Ratio	Lower	Upper
97	100		
99	63.8	52.4	78.6
61	46.2	31.9	47.9





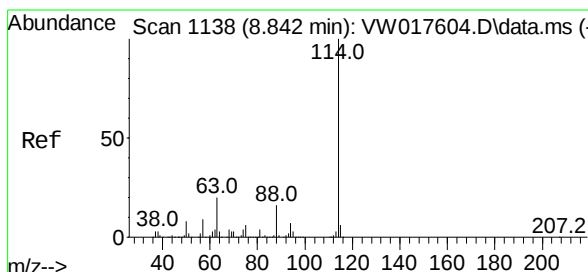
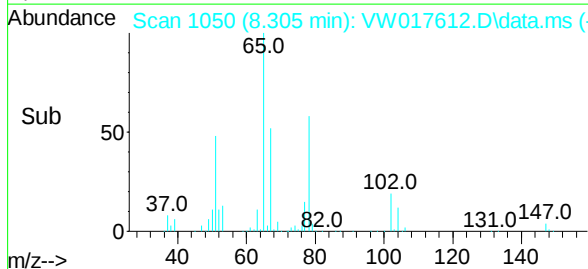
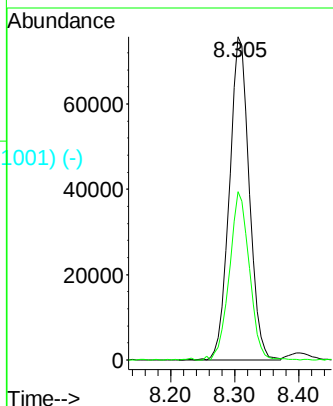
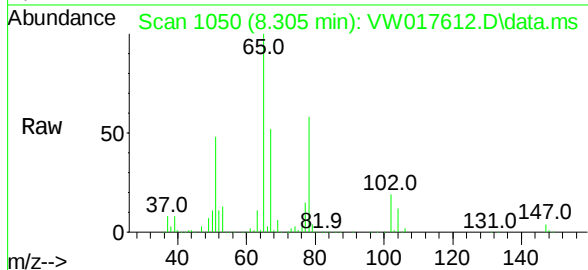
1,2-Dichloroethane-d4
Concen: 51.17 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW017612.D
Acq: 14 Dec 2020 15:46

Tgt Ion: 65 Resp: 163078
Ion Ratio Lower Upper
65 100
67 52.2 0.0 103.8

Instrument :
MSVOA_W
ClientSampleId :
VW1214SBS01

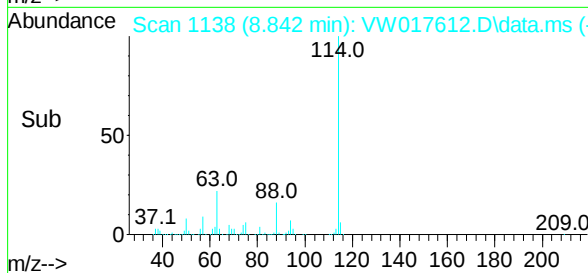
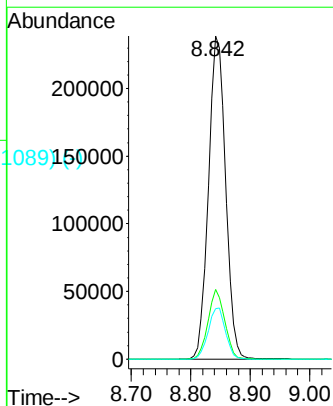
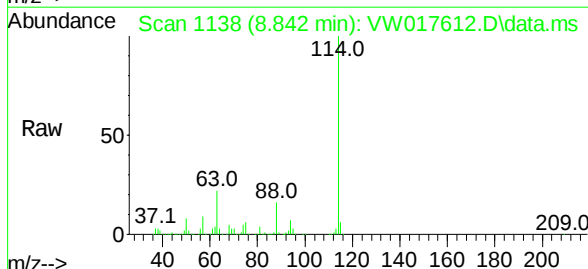
Manual Integrations
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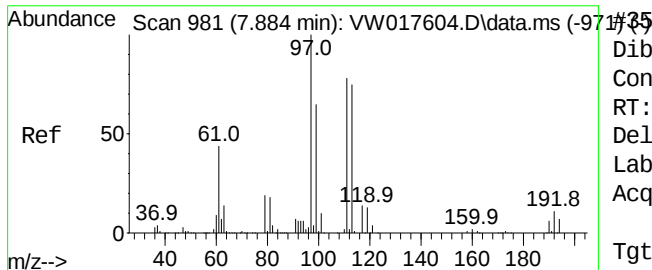
MMDadoda
12/15/2020 4:50:33 PM



1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. -0.000 min
Lab File: VW017612.D
Acq: 14 Dec 2020 15:46

Tgt Ion:114 Resp: 476910
Ion Ratio Lower Upper
114 100
63 21.6 0.0 35.6
88 15.6 0.0 30.4





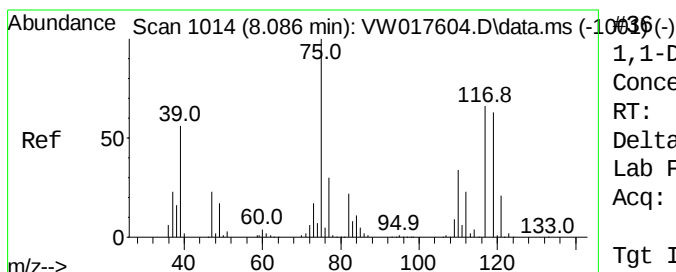
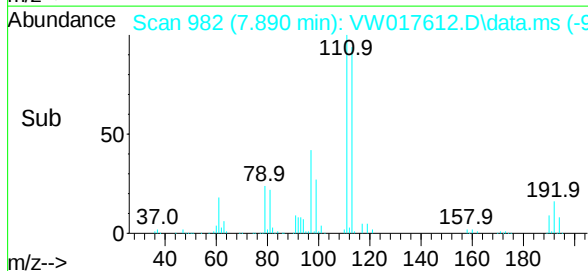
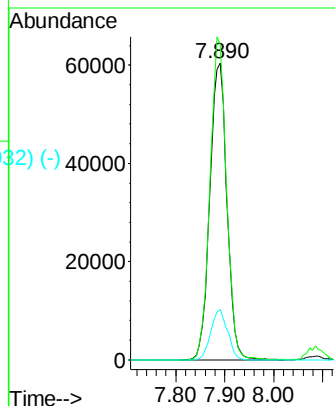
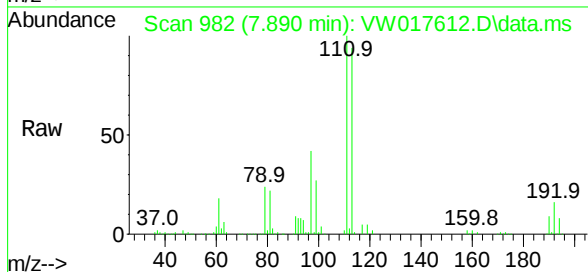
Dibromofluoromethane
Concen: 46.41 ug/l
RT: 7.890 min Scan# 982
Delta R.T. 0.006 min
Lab File: VW017612.D
Acq: 14 Dec 2020 15:46

Instrument :
MSVOA_W
ClientSampleId :
VW1214SBS01

Tgt Ion:113 Resp: 146456
Ion Ratio Lower Upper
113 100
111 104.9 81.4 122.2
192 16.6 17.8 26.8#

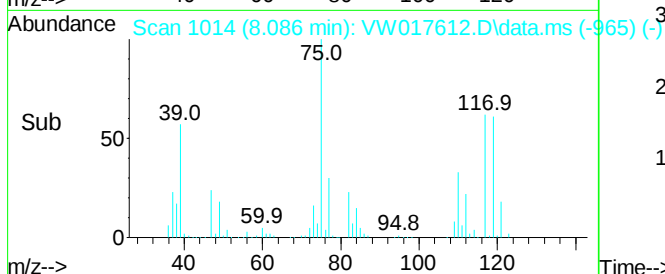
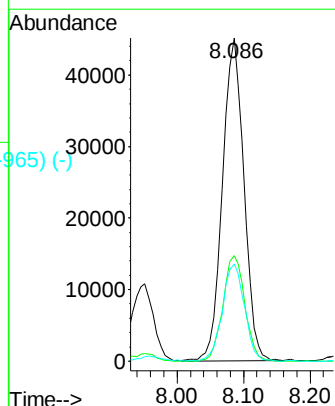
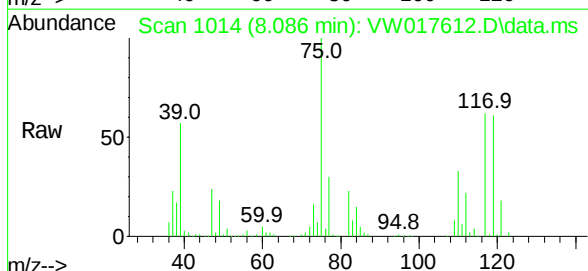
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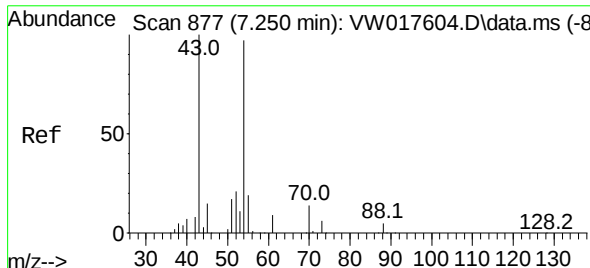
MMDadoda
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1,1-Dichloropropene
Concen: 20.27 ug/l
RT: 8.086 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW017612.D
Acq: 14 Dec 2020 15:46

Tgt Ion: 75 Resp: 101228
Ion Ratio Lower Upper
75 100
110 33.3 19.3 57.9
77 31.1 25.0 37.6





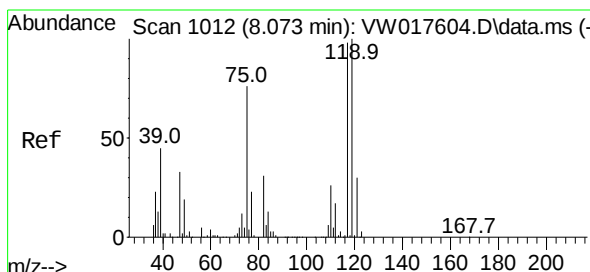
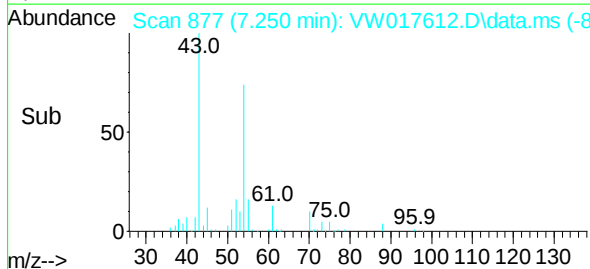
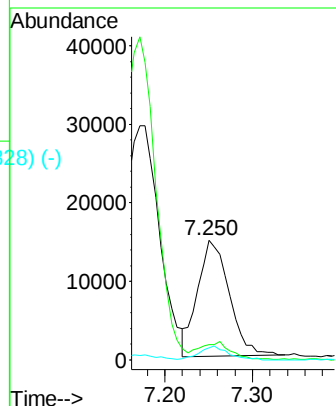
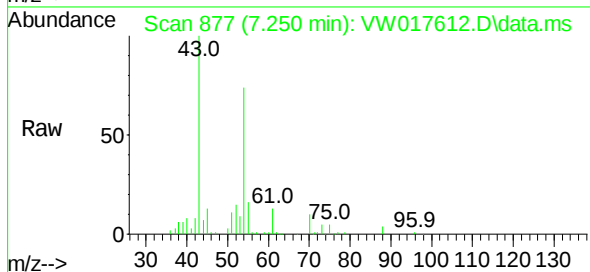
Ethyl Acetate
Concen: 17.71 ug/l
RT: 7.250 min Scan# 877
Delta R.T. 0.000 min
Lab File: VW017612.D
Acq: 14 Dec 2020 15:46

Tgt Ion:	43	Resp:	36954
Ion	Ratio	Lower	Upper
43	100		
61	15.1	12.0	18.0
70	11.0	9.9	14.9

Instrument :
MSVOA_W
ClientSampleId :
VW1214SBS01

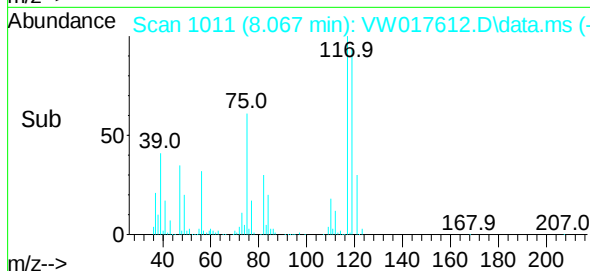
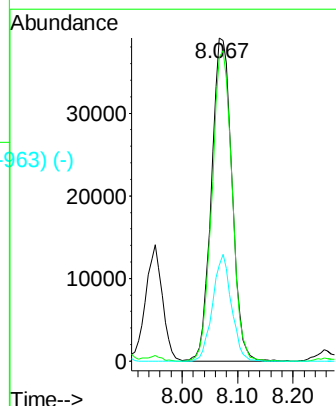
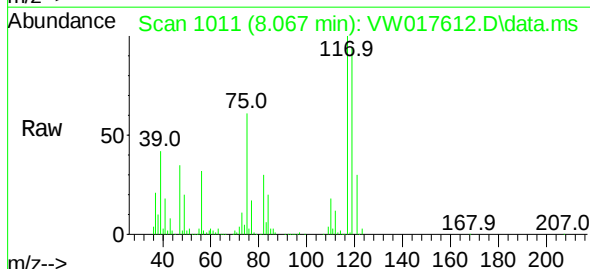
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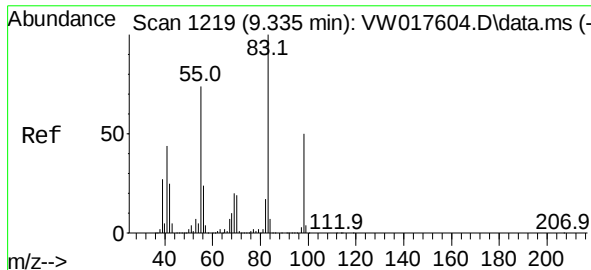
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Carbon Tetrachloride
Concen: 19.92 ug/l
RT: 8.067 min Scan# 1011
Delta R.T. -0.006 min
Lab File: VW017612.D
Acq: 14 Dec 2020 15:46

Tgt Ion:	117	Resp:	99978
Ion	Ratio	Lower	Upper
117	100		
119	94.1	81.6	122.4
121	29.6	25.7	38.5





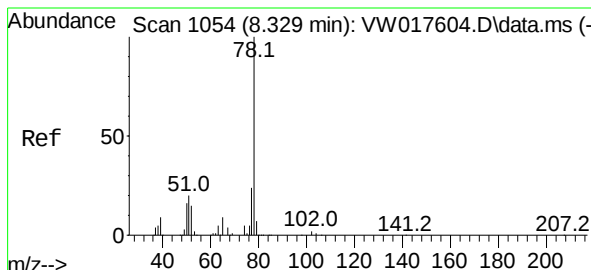
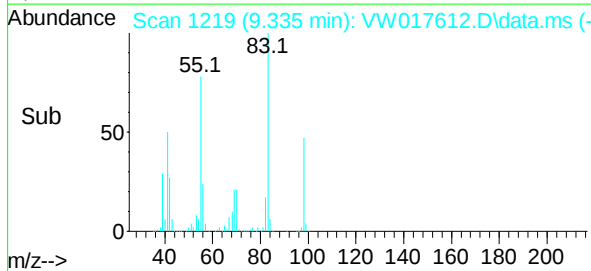
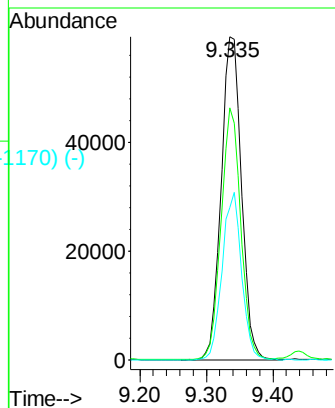
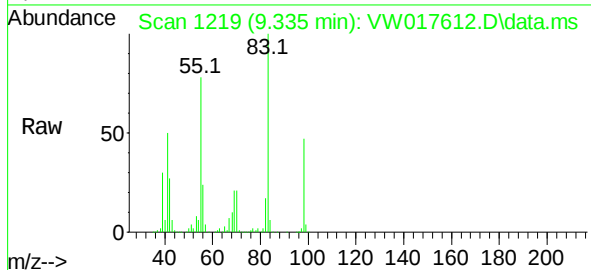
Methylcyclohexane
Concen: 19.94 ug/l
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW017612.D
Acq: 14 Dec 2020 15:46

Tgt Ion:	83	Resp:	126122
Ion	Ratio	Lower	Upper
83	100		
55	77.9	51.7	77.5#
98	47.1	41.0	61.4

Instrument :
MSVOA_W
ClientSampleId :
VW1214SBS01

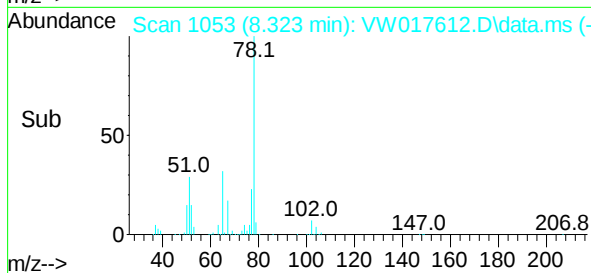
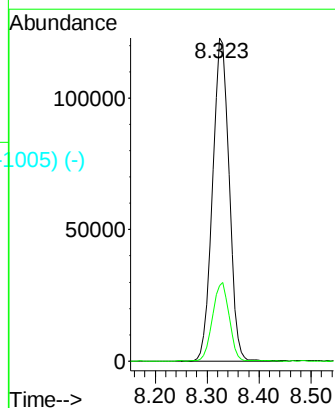
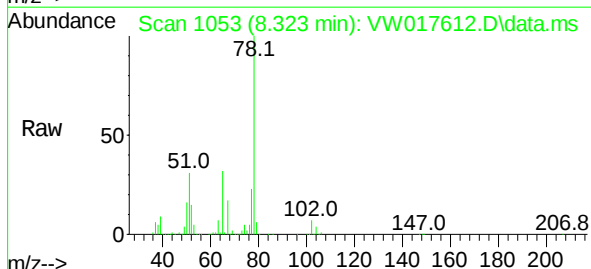
Manual Integrations
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Benzene
Concen: 20.56 ug/l
RT: 8.323 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VW017612.D
Acq: 14 Dec 2020 15:46

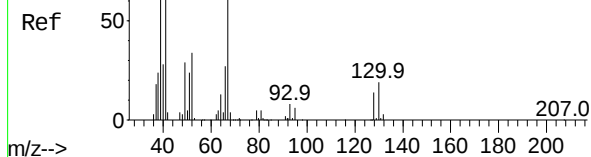
Tgt Ion:	78	Resp:	271858
Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.5	27.7



Abundance Scan 915 (7.482 min): VW017604.D\data.ms (-9057) 41

Methacrylonitrile
Concen: 17.87 ug/l
RT: 7.488 min Scan# 916
Delta R.T. 0.006 min
Lab File: VW017612.D
Acq: 14 Dec 2020 15:46

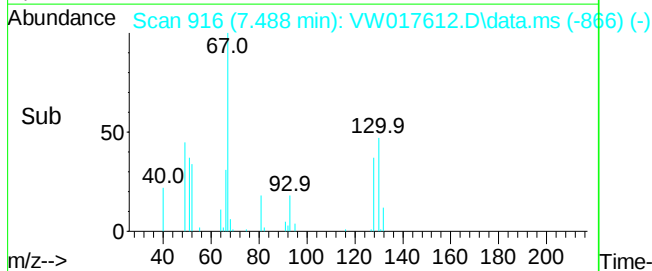
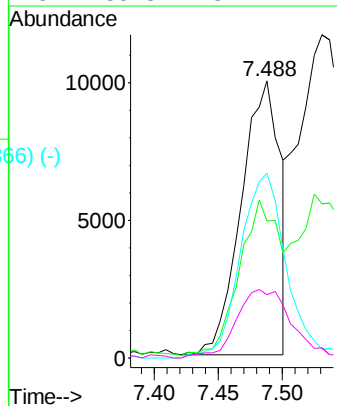
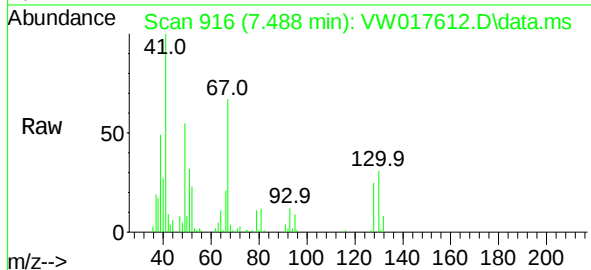
Instrument :
MSVOA_W
ClientSampleId :
VW1214SBSD01



Tgt Ion:	41	Resp:	21061
Ion	Ratio	Lower	Upper
41	100		
39	57.5	47.0	70.6
67	80.4	68.6	102.8
52	35.3	28.1	42.1

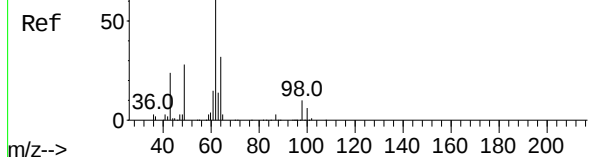
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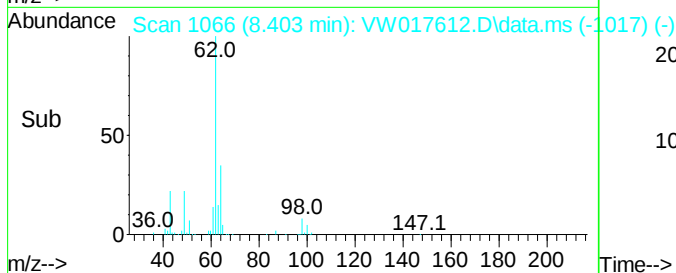
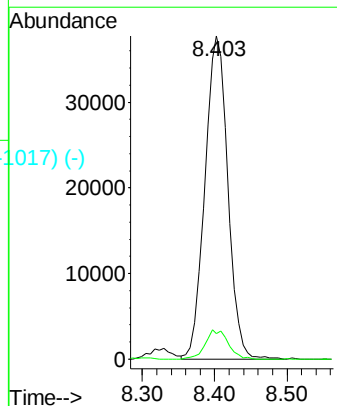
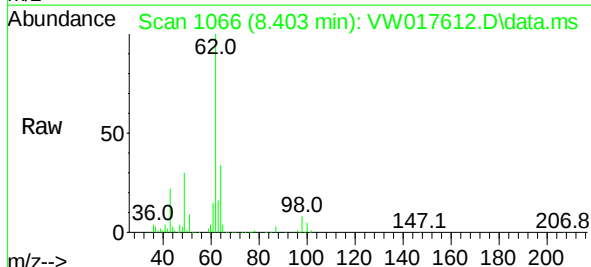


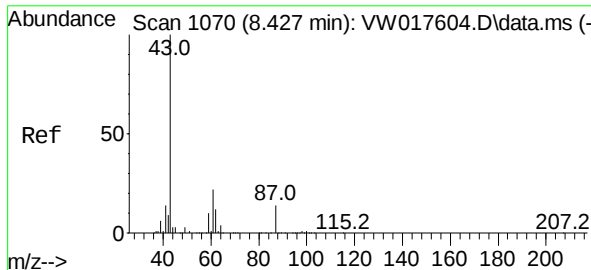
Abundance Scan 1066 (8.403 min): VW017604.D\data.ms (-10582) 62

1,2-Dichloroethane
Concen: 20.77 ug/l
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW017612.D
Acq: 14 Dec 2020 15:46



Tgt Ion:	62	Resp:	83650
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	21.0





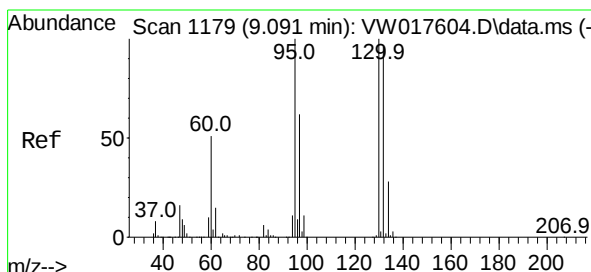
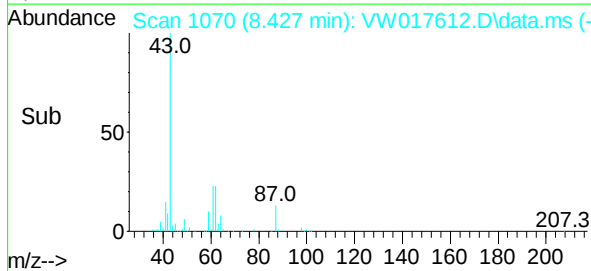
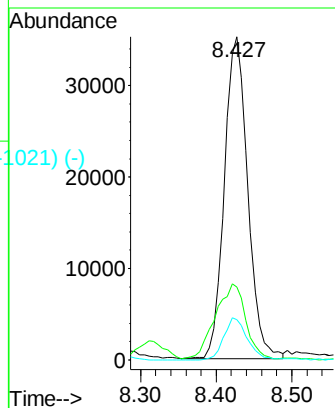
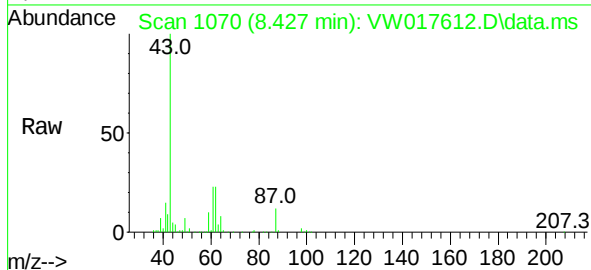
Isopropyl Acetate
Concen: 19.28 ug/l
RT: 8.427 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW017612.D
Acq: 14 Dec 2020 15:46

Tgt Ion: 43 Resp: 75470
Ion Ratio Lower Upper
43 100
61 31.2 27.5 41.3
87 13.4 13.6 20.4#

Instrument :
MSVOA_W
ClientSampleId :
VW1214SBSD01

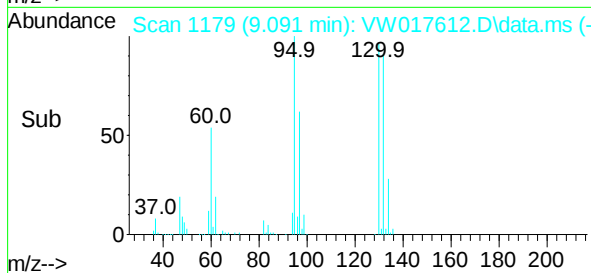
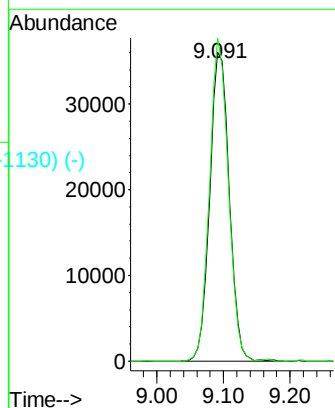
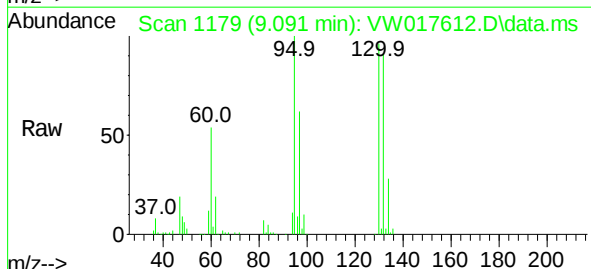
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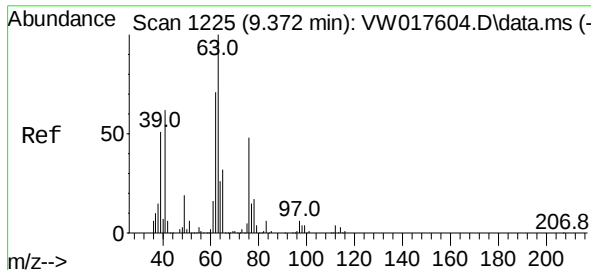
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Trichloroethene
Concen: 20.12 ug/l
RT: 9.091 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW017612.D
Acq: 14 Dec 2020 15:46

Tgt Ion:130 Resp: 73394
Ion Ratio Lower Upper
130 100
95 104.6 0.0 180.2





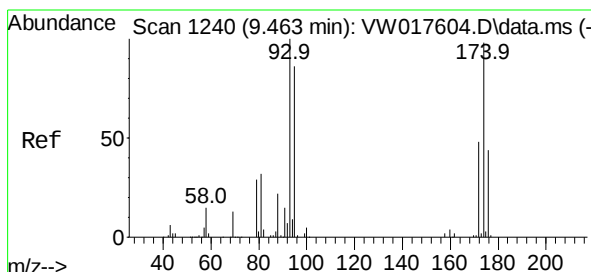
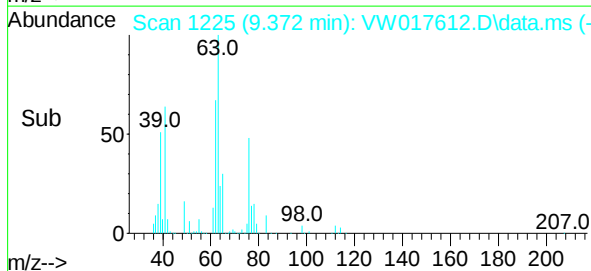
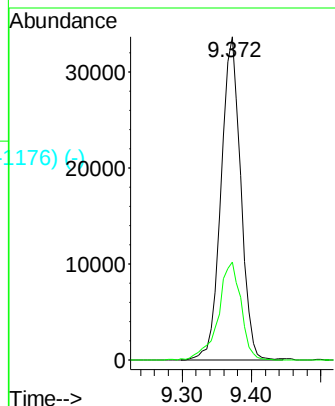
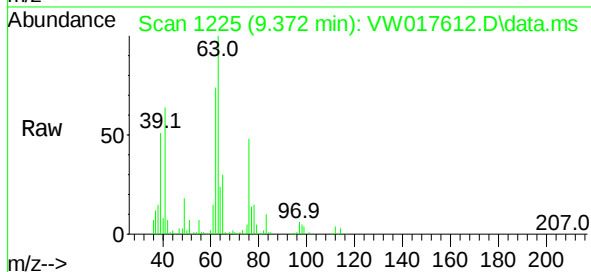
1,2-Dichloropropane
Concen: 20.28 ug/l
RT: 9.372 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VW017612.D
Acq: 14 Dec 2020 15:46

Tgt Ion: 63 Resp: 66176
Ion Ratio Lower Upper
63 100
65 30.4 25.1 37.7

Instrument :
MSVOA_W
ClientSampleId :
VW1214SBS01

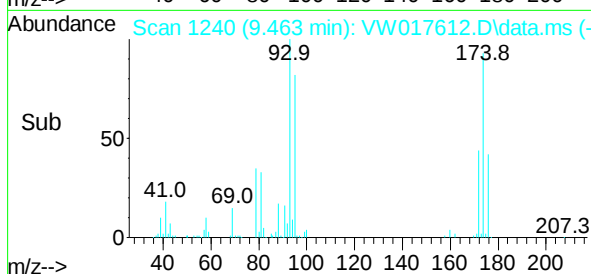
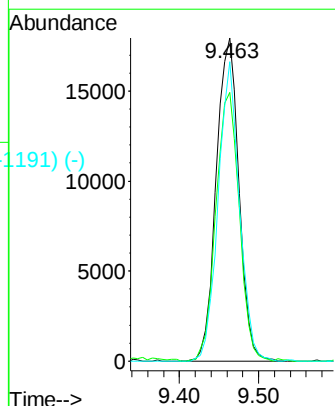
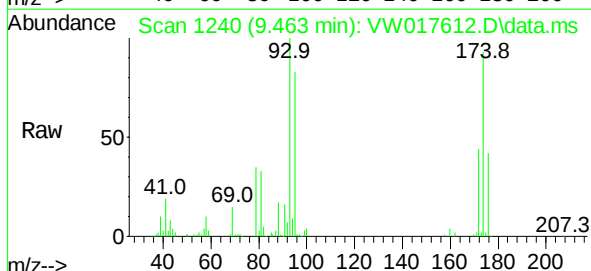
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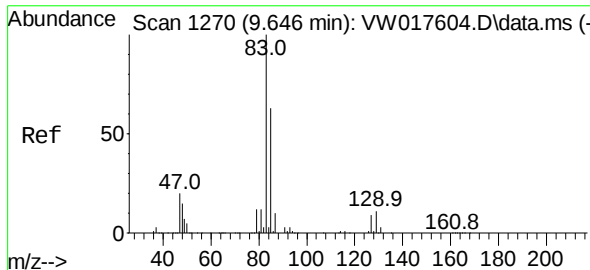
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Dibromomethane
Concen: 19.63 ug/l
RT: 9.463 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VW017612.D
Acq: 14 Dec 2020 15:46

Tgt Ion: 93 Resp: 35850
Ion Ratio Lower Upper
93 100
95 85.4 66.5 99.7
174 86.9 91.0 136.6#





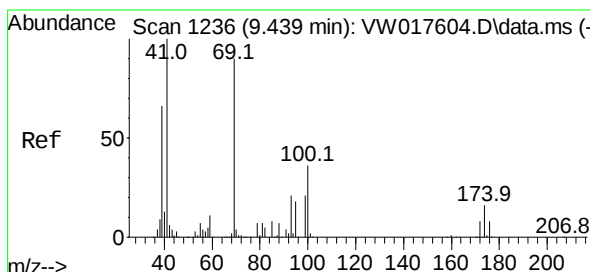
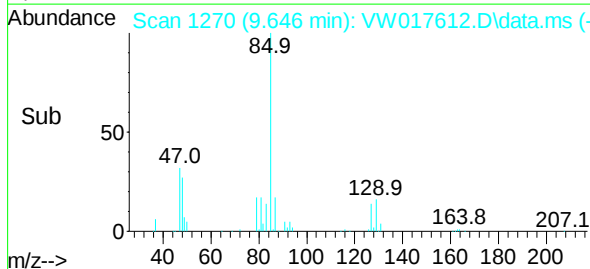
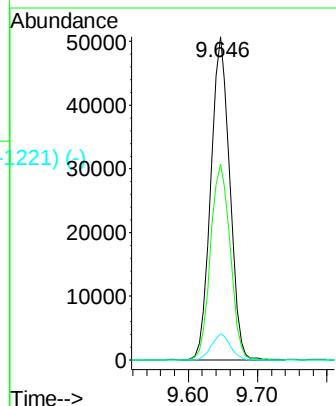
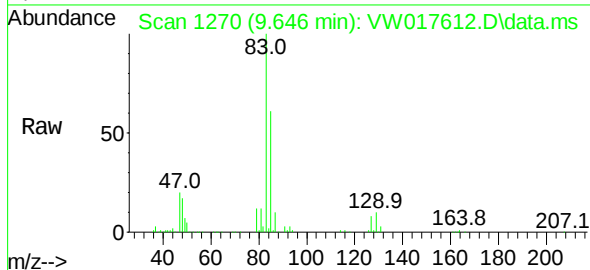
Bromodichloromethane
Concen: 20.52 ug/l
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW017612.D
Acq: 14 Dec 2020 15:46

Tgt Ion:	83	Resp:	95509
Ion	Ratio	Lower	Upper
83	100		
85	60.7	52.7	79.1
127	8.2	7.8	11.6

Instrument :
MSVOA_W
ClientSampleId :
VW1214SBSD01

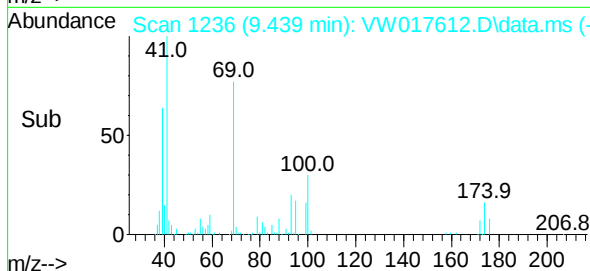
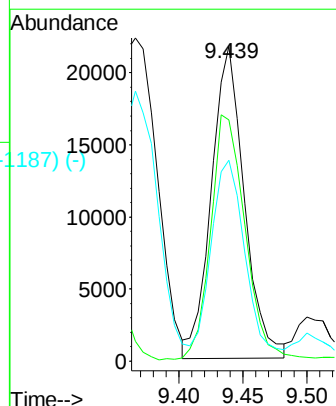
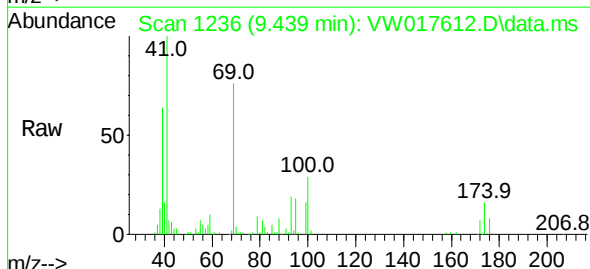
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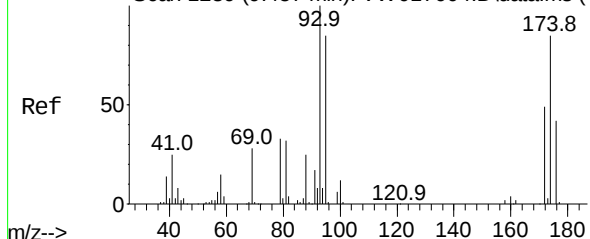
Methyl methacrylate
Concen: 20.10 ug/l
RT: 9.439 min Scan# 1236
Delta R.T. -0.000 min
Lab File: VW017612.D
Acq: 14 Dec 2020 15:46

Tgt Ion:	41	Resp:	38612
Ion	Ratio	Lower	Upper
41	100		
69	82.1	83.5	125.3#
39	59.3	50.9	76.3

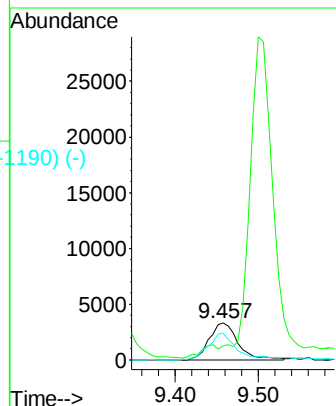
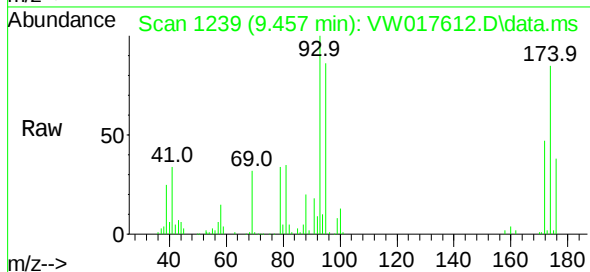


Abundance Scan 1239 (9.457 min): VW017604.D\data.ms (-1239) (-)

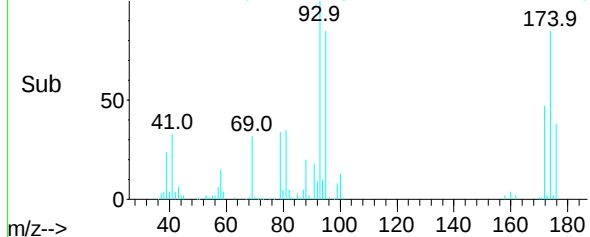
1,4-Dioxane
Concen: 351.18 ug/l
RT: 9.457 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW017612.D
Acq: 14 Dec 2020 15:46



Tgt Ion: 88 Resp: 7933
Ion Ratio Lower Upper
88 100
43 20.9 0.0 0.0#
58 74.1 54.0 81.0

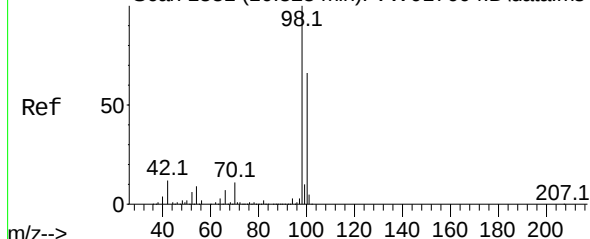


Abundance Scan 1239 (9.457 min): VW017612.D\data.ms (-1190) (-)

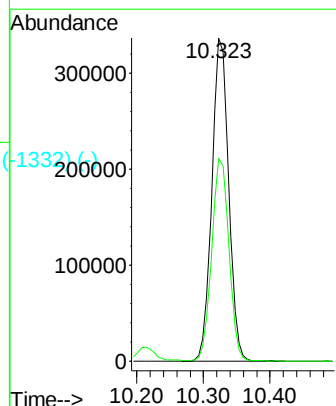
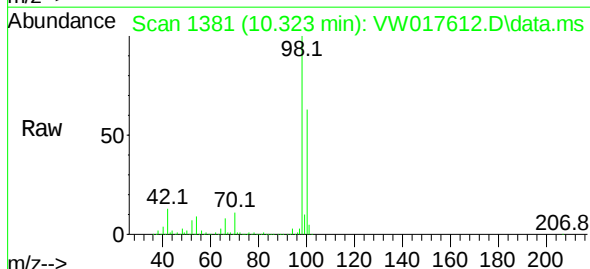


Abundance Scan 1381 (10.323 min): VW017604.D\data.ms (-1350) (-)

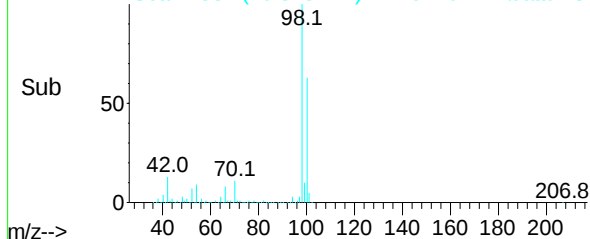
Toluene-d8
Concen: 47.97 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VW017612.D
Acq: 14 Dec 2020 15:46



Tgt Ion: 98 Resp: 589388
Ion Ratio Lower Upper
98 100
100 64.4 53.3 79.9



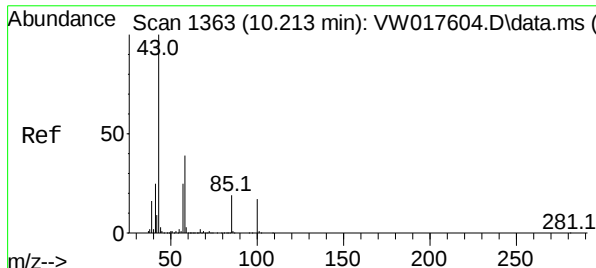
Abundance Scan 1381 (10.323 min): VW017612.D\data.ms (-1332) (-)



Instrument :
MSVOA_W
ClientSampleId :
VW1214SBSD01

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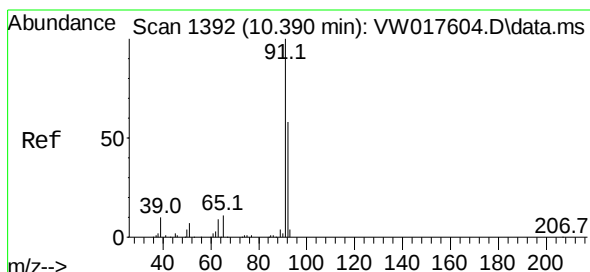
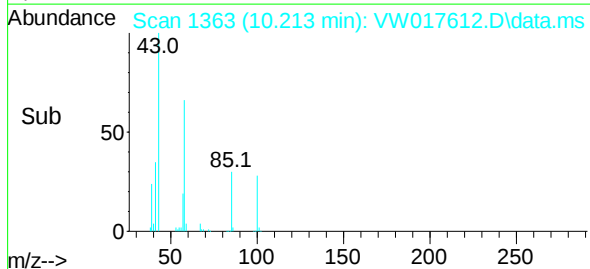
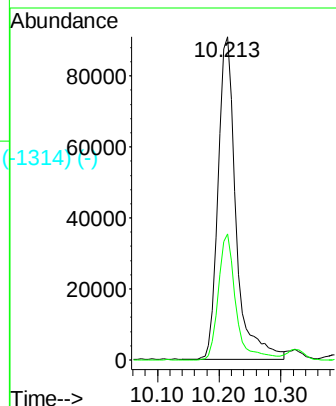
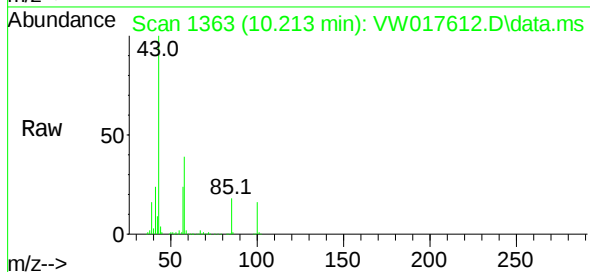
4-Methyl-2-Pentanone
Concen: 94.53 ug/l
RT: 10.213 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VW017612.D
Acq: 14 Dec 2020 15:46

Tgt Ion: 43 Resp: 184172
Ion Ratio Lower Upper
43 100
58 37.9 34.7 52.1

Instrument :
MSVOA_W
ClientSampleId :
VW1214SBSD01

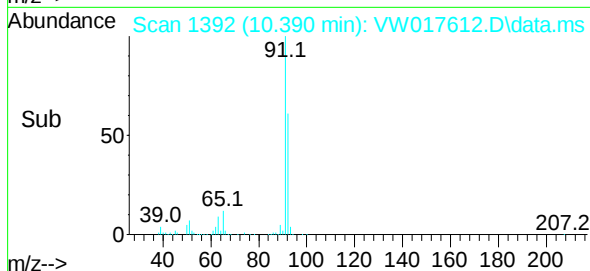
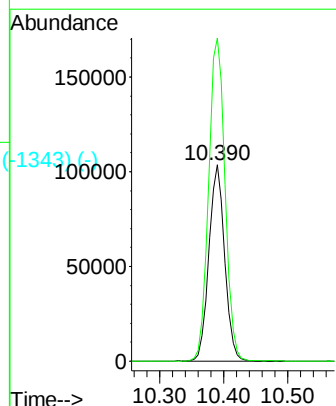
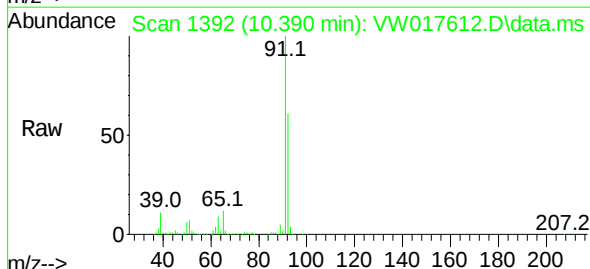
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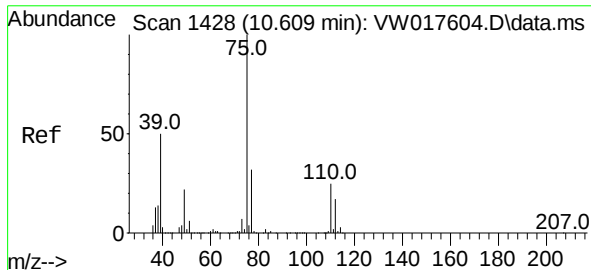
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Toluene
Concen: 20.62 ug/l
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW017612.D
Acq: 14 Dec 2020 15:46

Tgt Ion: 92 Resp: 178398
Ion Ratio Lower Upper
92 100
91 171.1 134.7 202.1





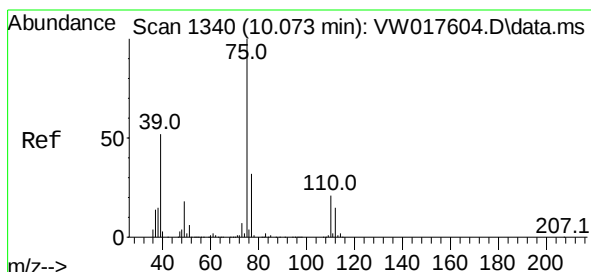
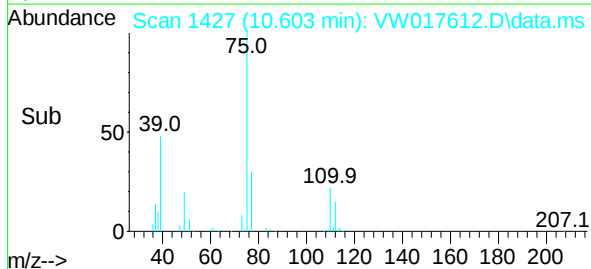
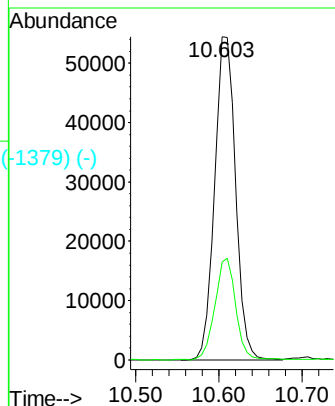
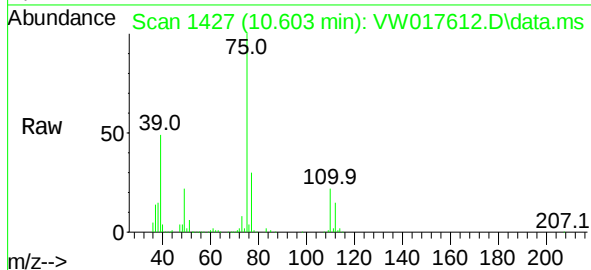
Scan 1428 (10.609 min): VW017604.D\data.ms (-1458) (-)
 t-1,3-Dichloropropene
 Concen: 20.09 ug/l
 RT: 10.603 min Scan# 1427
 Delta R.T. -0.006 min
 Lab File: VW017612.D
 Acq: 14 Dec 2020 15:46

Tgt Ion: 75 Resp: 95685
 Ion Ratio Lower Upper
 75 100
 77 30.0 24.8 37.2

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1214SBS01

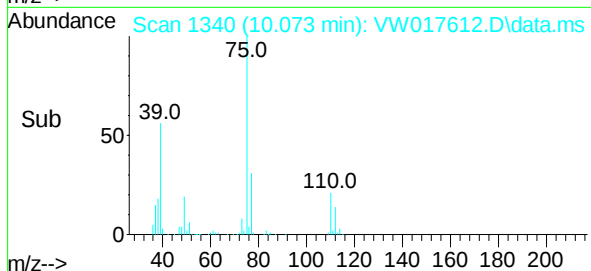
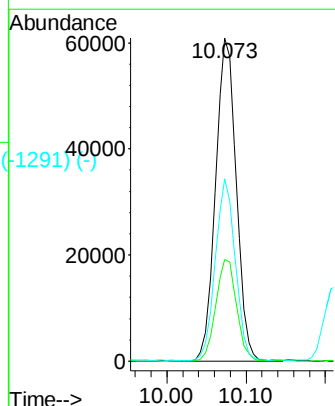
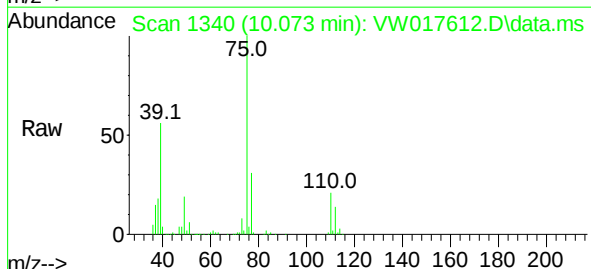
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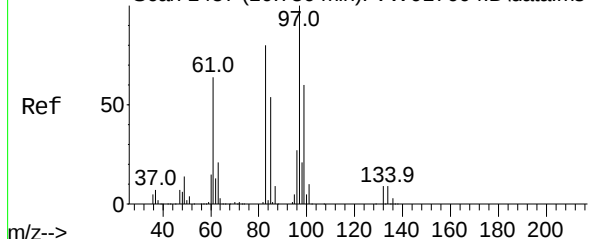
Scan 1340 (10.073 min): VW017604.D\data.ms (-1354) (-)
 cis-1,3-Dichloropropene
 Concen: 20.12 ug/l
 RT: 10.073 min Scan# 1340
 Delta R.T. 0.000 min
 Lab File: VW017612.D
 Acq: 14 Dec 2020 15:46

Tgt Ion: 75 Resp: 110851
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.8 38.6
 39 56.3 32.9 49.3#

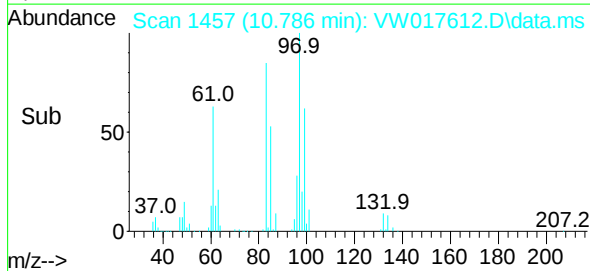
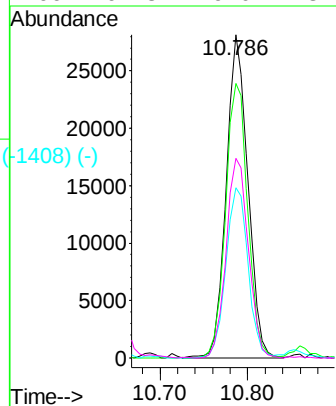
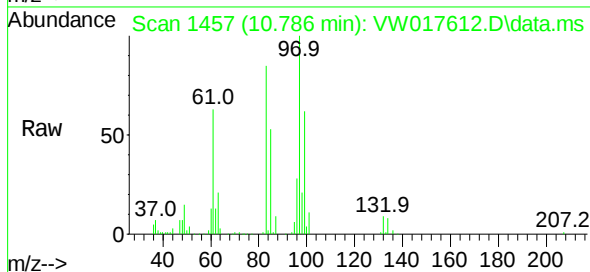


Abundance Scan 1457 (10.786 min): VW017604.D\data.ms (-1455) (-)

1,1,2-Trichloroethane
Concen: 19.73 ug/l
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW017612.D
Acq: 14 Dec 2020 15:46

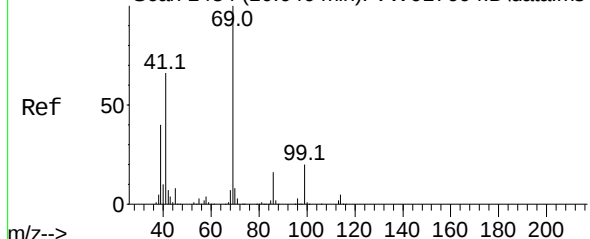


Tgt Ion:	97	Resp:	48185
Ion	Ratio	Lower	Upper
97	100		
83	84.7	64.6	97.0
85	52.6	40.6	61.0
99	61.8	49.0	73.6

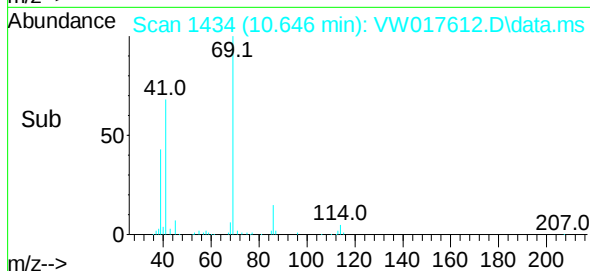
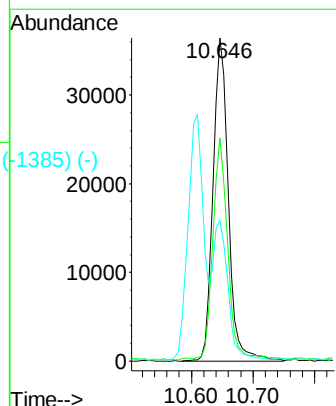
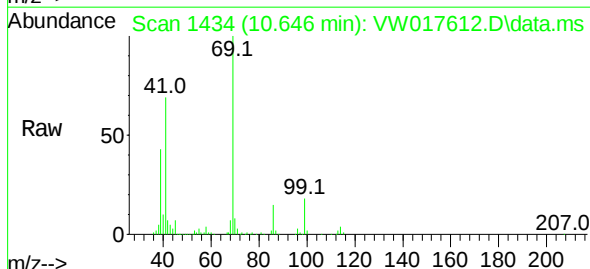


Abundance Scan 1434 (10.646 min): VW017604.D\data.ms (-1456) (-)

Ethyl methacrylate
Concen: 19.76 ug/l
RT: 10.646 min Scan# 1434
Delta R.T. 0.000 min
Lab File: VW017612.D
Acq: 14 Dec 2020 15:46



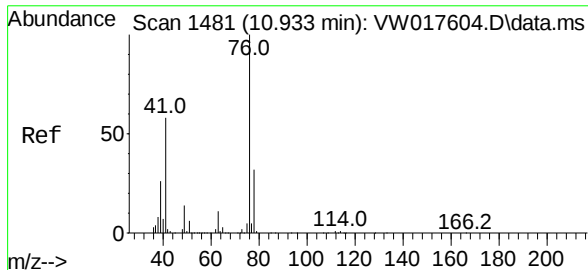
Tgt Ion:	69	Resp:	62353
Ion	Ratio	Lower	Upper
69	100		
41	66.1	46.3	69.5
39	42.3	25.9	38.9#



Instrument :
MSVOA_W
ClientSampleId :
VW1214SBS01

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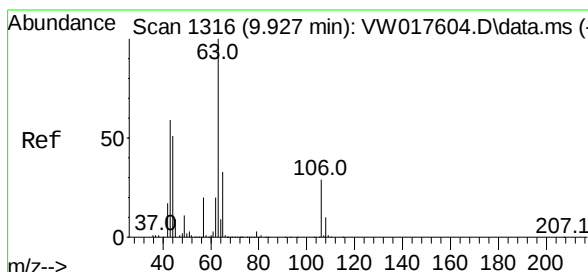
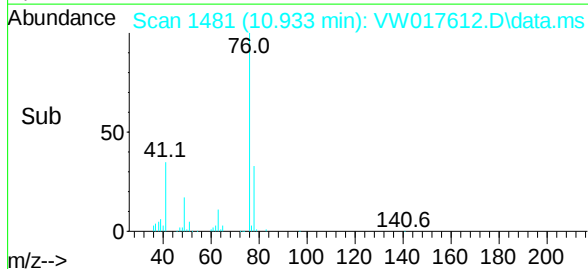
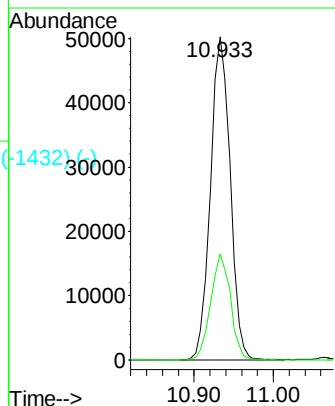
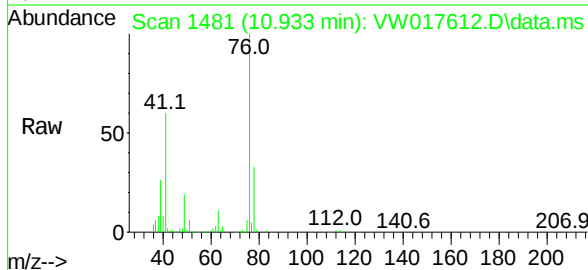
1,3-Dichloropropane
Concen: 20.19 ug/l
RT: 10.933 min Scan# 1481
Delta R.T. -0.000 min
Lab File: VW017612.D
Acq: 14 Dec 2020 15:46

Tgt Ion: 76 Resp: 87090
Ion Ratio Lower Upper
76 100
78 32.8 26.0 39.0

Instrument :
MSVOA_W
ClientSampleId :
VW1214SBSD01

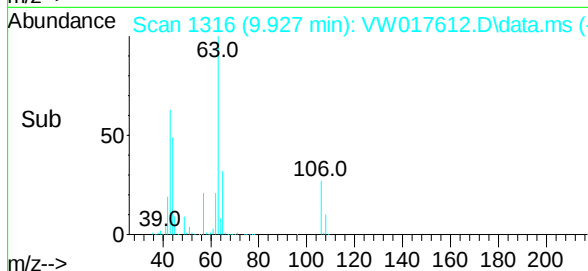
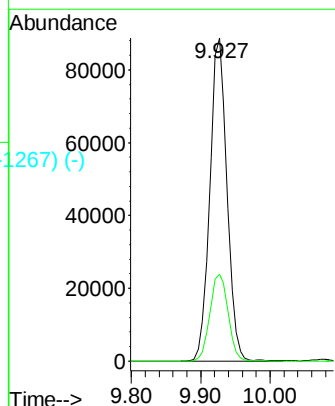
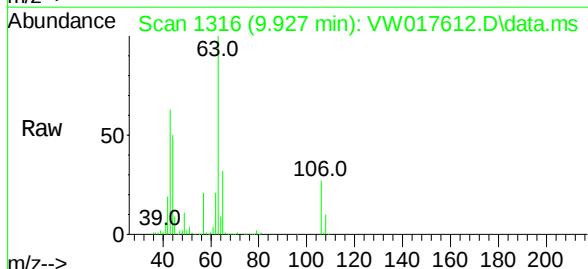
Manual Integrations
APPROVED

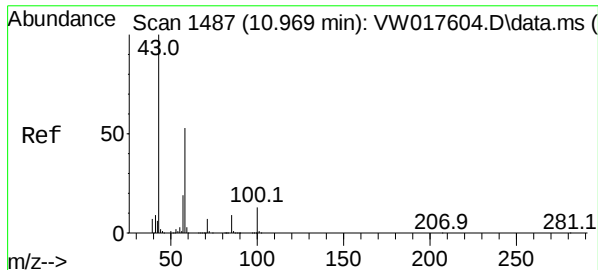
MMDadoda
12/15/2020 4:50:33 PM



2-Chloroethyl Vinyl ether
Concen: 101.01 ug/l
RT: 9.927 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VW017612.D
Acq: 14 Dec 2020 15:46

Tgt Ion: 63 Resp: 152357
Ion Ratio Lower Upper
63 100
106 28.6 27.0 40.4





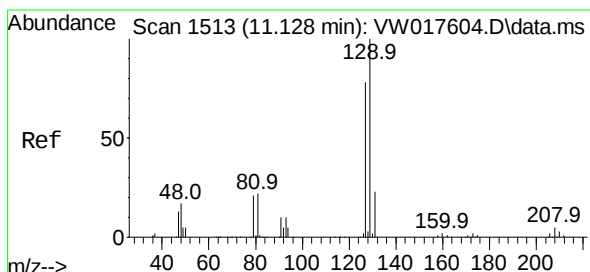
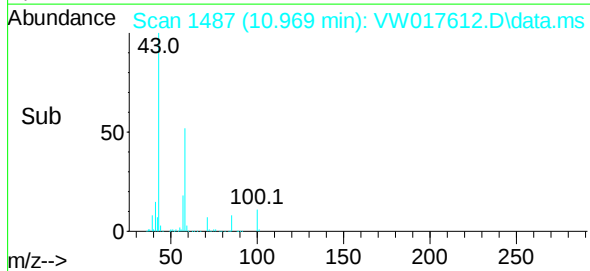
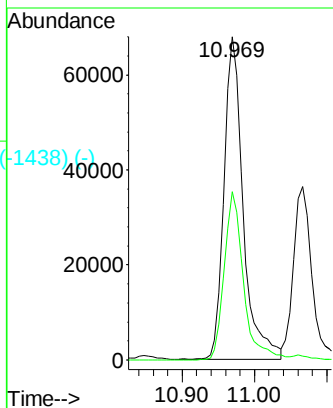
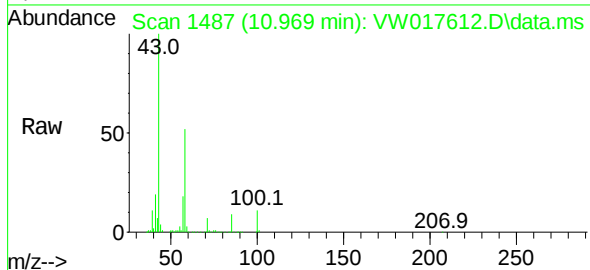
2-Hexanone
Concen: 94.83 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW017612.D
Acq: 14 Dec 2020 15:46

Tgt Ion: 43 Resp: 123610
Ion Ratio Lower Upper
43 100
58 52.4 29.5 88.5

Instrument :
MSVOA_W
ClientSampleId :
VW1214SBSD01

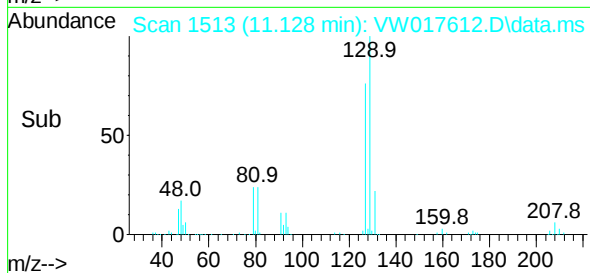
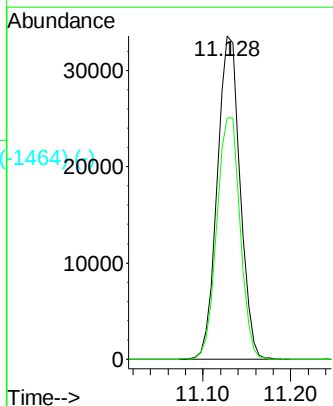
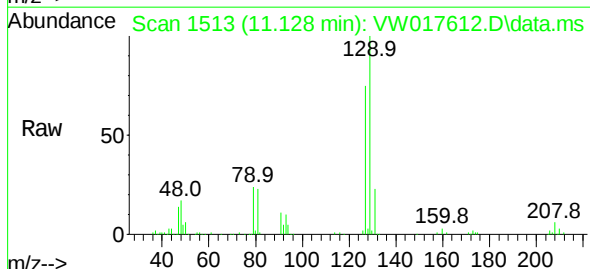
Manual Integrations
APPROVED

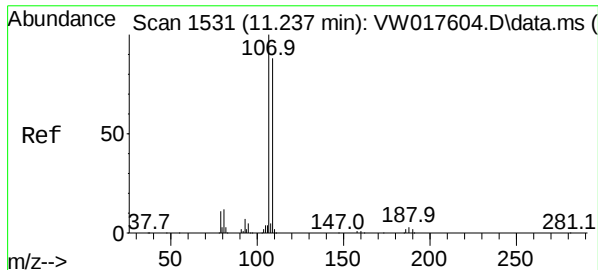
MMDadoda
12/15/2020 4:50:33 PM



Dibromochloromethane
Concen: 19.89 ug/l
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW017612.D
Acq: 14 Dec 2020 15:46

Tgt Ion:129 Resp: 60778
Ion Ratio Lower Upper
129 100
127 76.2 38.9 116.6





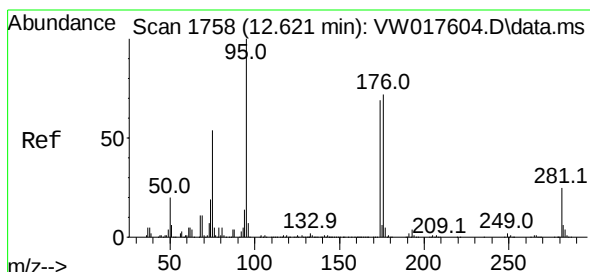
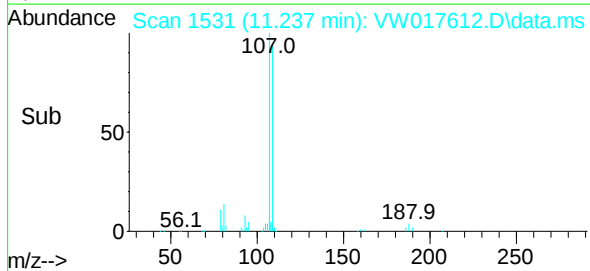
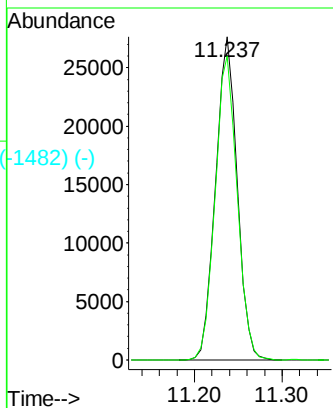
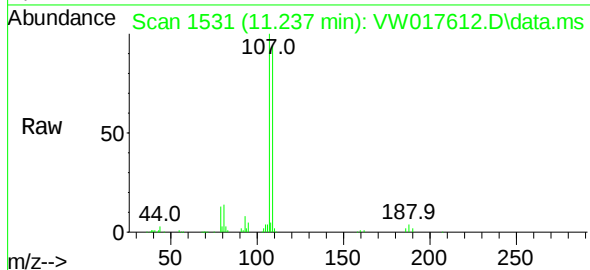
1,2-Dibromoethane
Concen: 19.63 ug/l
RT: 11.237 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VW017612.D
Acq: 14 Dec 2020 15:46

Tgt Ion: 107 Resp: 47373
Ion Ratio Lower Upper
107 100
109 96.0 74.7 112.1

Instrument :
MSVOA_W
ClientSampleId :
VW1214SBSD01

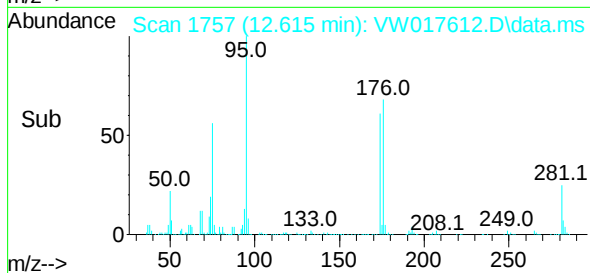
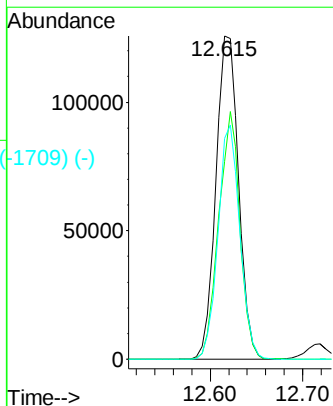
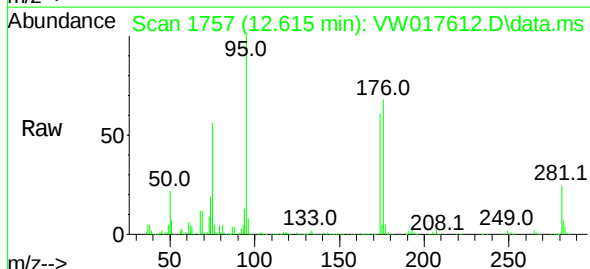
Manual Integrations
APPROVED

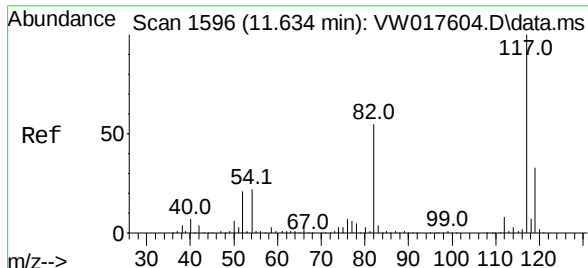
MMDadoda
12/15/2020 4:50:33 PM



4-Bromofluorobenzene
Concen: 48.80 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.006 min
Lab File: VW017612.D
Acq: 14 Dec 2020 15:46

Tgt Ion: 95 Resp: 214096
Ion Ratio Lower Upper
95 100
174 71.9 0.0 180.6
176 69.8 0.0 177.6





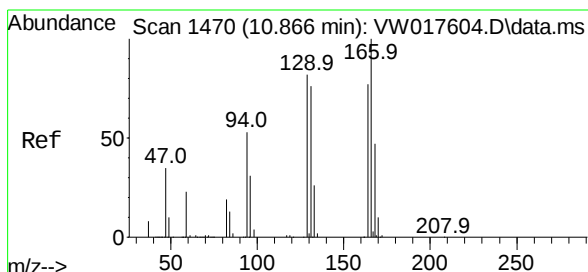
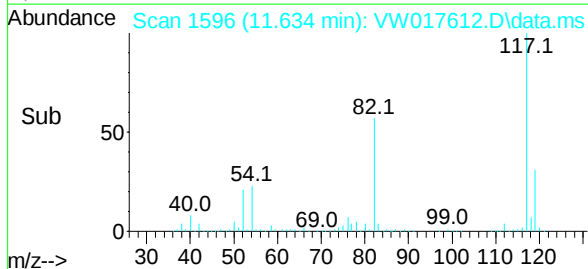
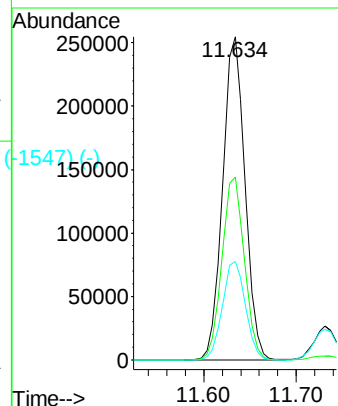
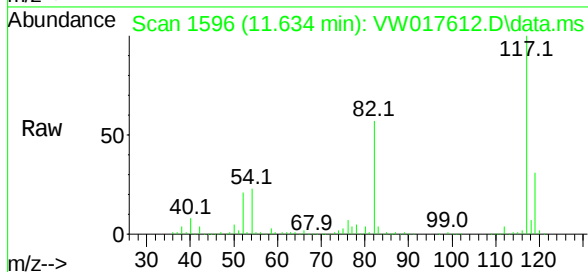
Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 11.634 min Scan# 1596
 Delta R.T. -0.000 min
 Lab File: VW017612.D
 Acq: 14 Dec 2020 15:46

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.6	40.7	61.1
119	30.5	25.0	37.4

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1214SBSD01

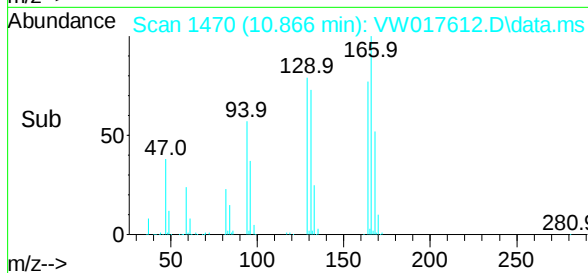
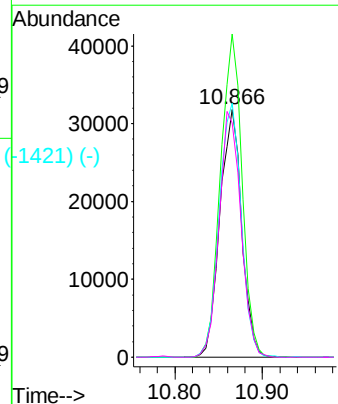
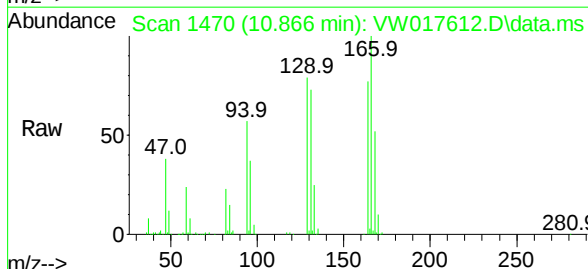
Manual Integrations
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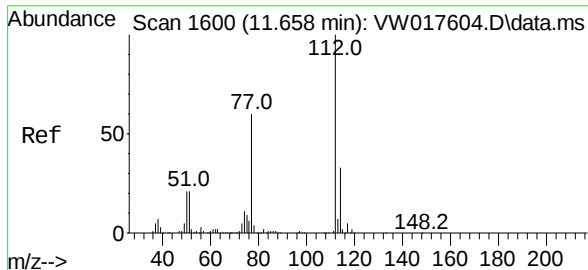
MMDadoda
 12/15/2020 4:50:33 PM



Tetrachloroethene
 Concen: 18.78 ug/l
 RT: 10.866 min Scan# 1470
 Delta R.T. -0.000 min
 Lab File: VW017612.D
 Acq: 14 Dec 2020 15:46

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.5	105.3	157.9
129	102.6	68.8	103.2
131	94.6	71.0	106.6





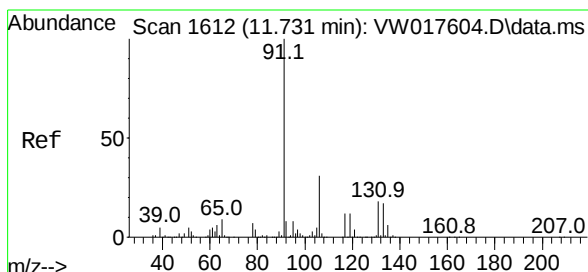
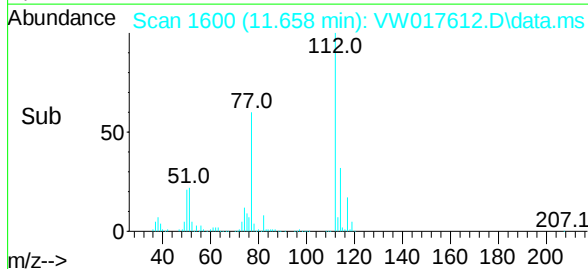
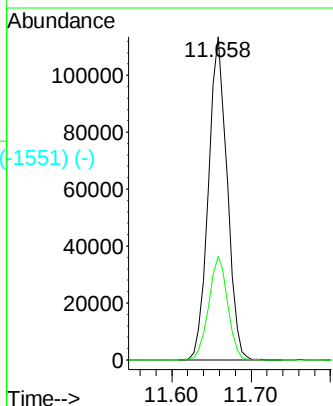
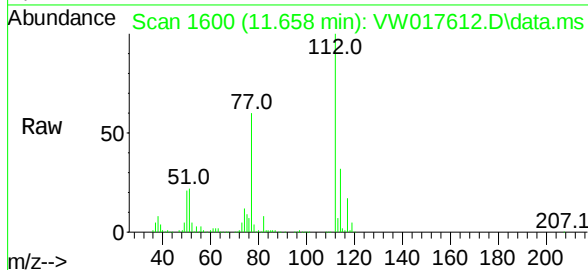
Chlorobenzene
Concen: 20.28 ug/l
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW017612.D
Acq: 14 Dec 2020 15:46

Tgt Ion:112 Resp: 186061
Ion Ratio Lower Upper
112 100
114 32.0 25.3 37.9

Instrument :
MSVOA_W
ClientSampleId :
VW1214SBS01

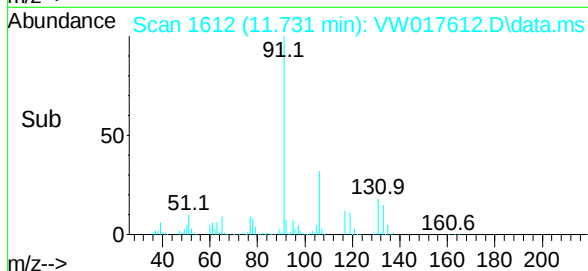
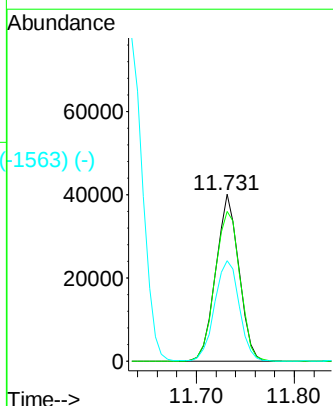
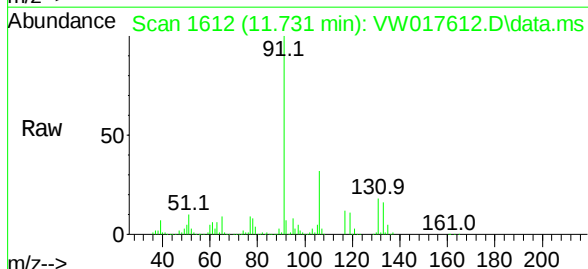
Manual Integrations
APPROVED

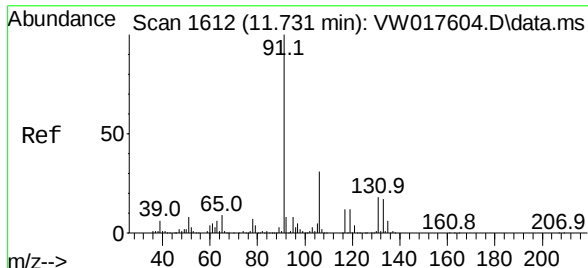
MMDadoda
12/15/2020 4:50:33 PM



1,1,1,2-Tetrachloroethane
Concen: 20.14 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW017612.D
Acq: 14 Dec 2020 15:46

Tgt Ion:131 Resp: 65541
Ion Ratio Lower Upper
131 100
133 97.1 48.1 144.3
119 64.2 32.5 97.4





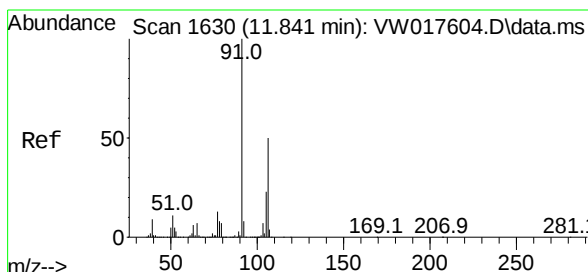
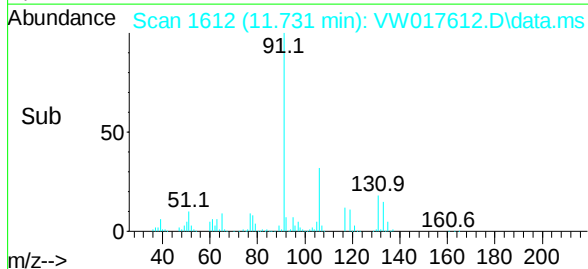
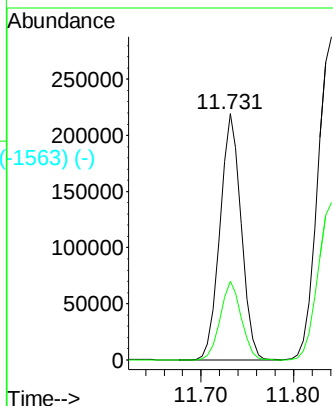
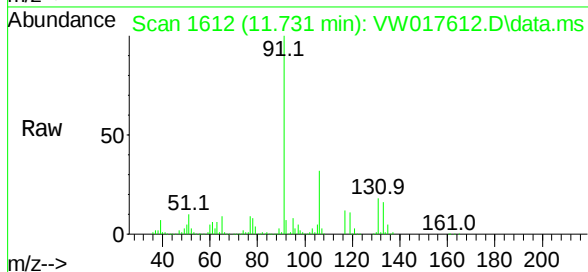
Ethyl Benzene
Concen: 20.47 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW017612.D
Acq: 14 Dec 2020 15:46

Tgt Ion: 91 Resp: 348950
Ion Ratio Lower Upper
91 100
106 31.8 25.9 38.9

Instrument :
MSVOA_W
ClientSampleId :
VW1214SBS01

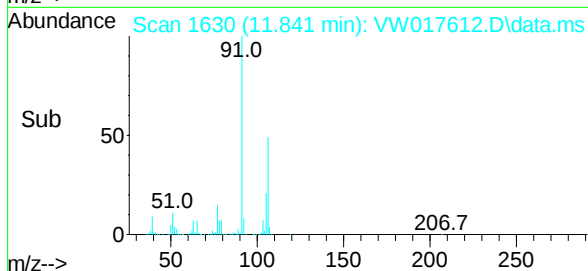
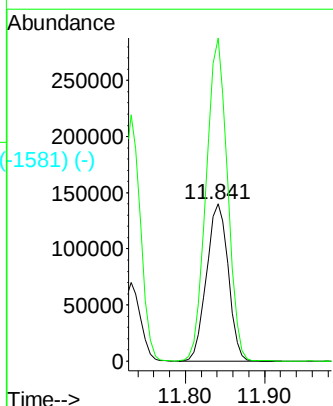
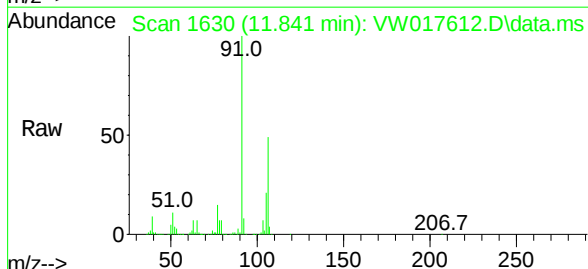
Manual Integrations
APPROVED

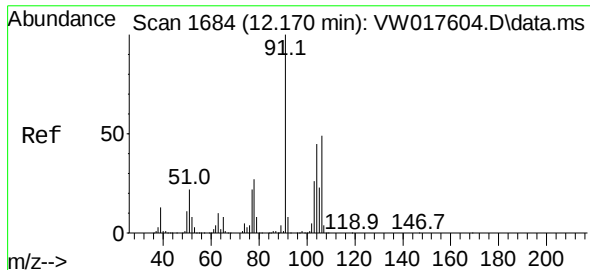
MMDadoda
12/15/2020 4:50:33 PM



m/p-Xylenes
Concen: 41.07 ug/l
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW017612.D
Acq: 14 Dec 2020 15:46

Tgt Ion:106 Resp: 266988
Ion Ratio Lower Upper
106 100
91 201.4 157.4 236.0





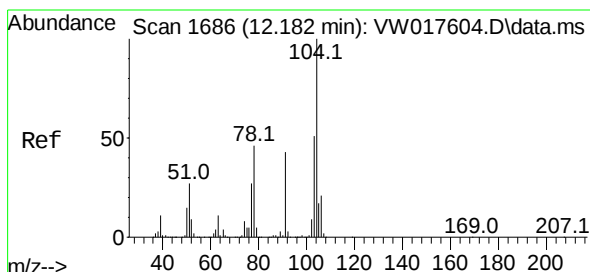
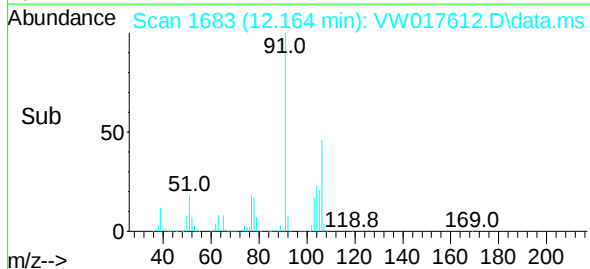
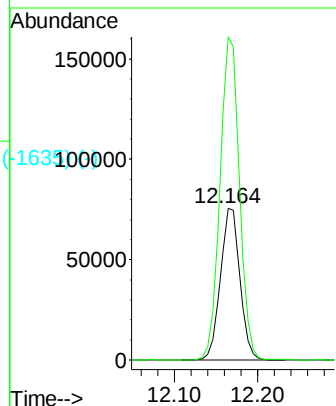
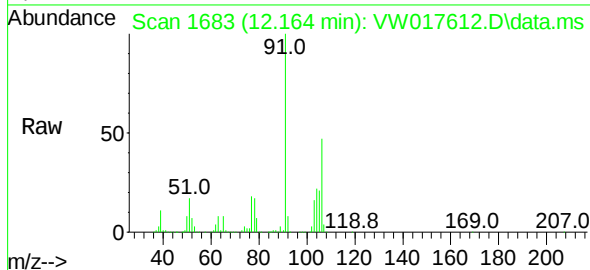
o-Xylene
Concen: 20.25 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. -0.006 min
Lab File: VW017612.D
Acq: 14 Dec 2020 15:46

Tgt Ion:106 Resp: 124136
Ion Ratio Lower Upper
106 100
91 213.0 103.6 310.9

Instrument :
MSVOA_W
ClientSampleId :
VW1214SBSD01

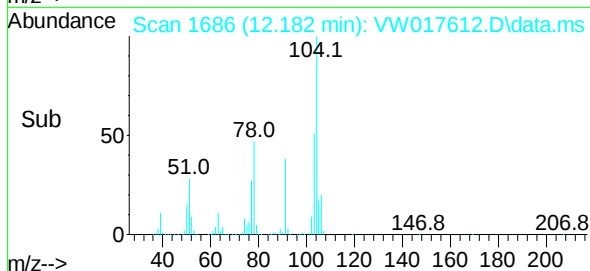
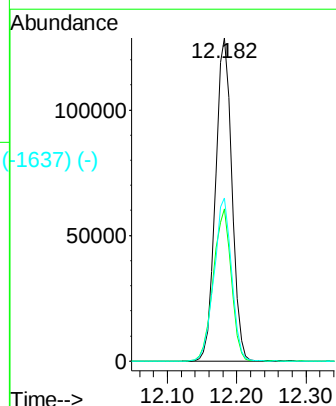
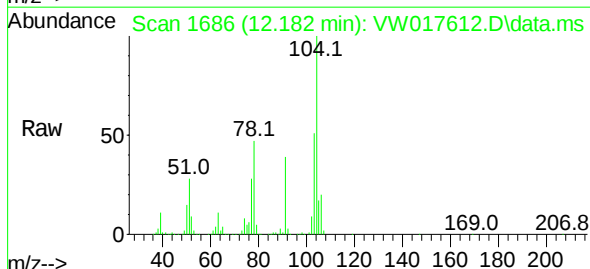
Manual Integrations
APPROVED

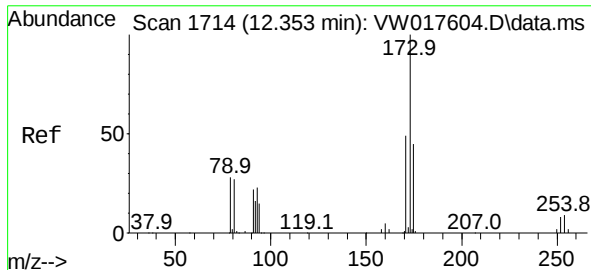
MMDadoda
12/15/2020 4:50:33 PM



Styrene
Concen: 20.46 ug/l
RT: 12.182 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW017612.D
Acq: 14 Dec 2020 15:46

Tgt Ion:104 Resp: 209464
Ion Ratio Lower Upper
104 100
78 51.5 37.6 56.4
103 54.1 43.6 65.4





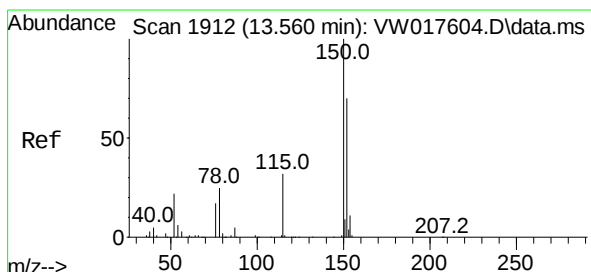
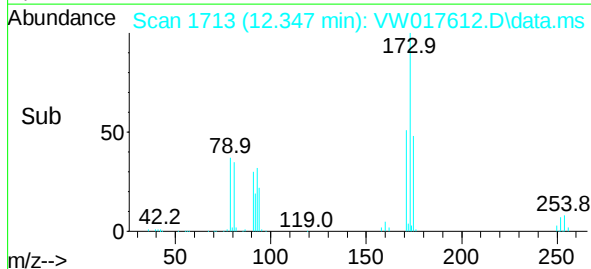
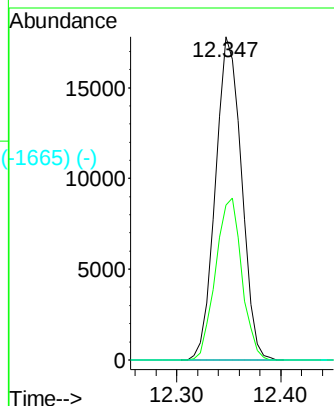
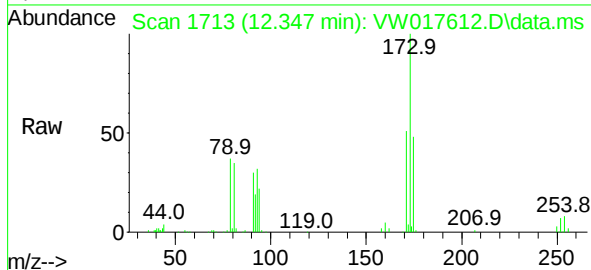
Bromoform
Concen: 17.90 ug/l
RT: 12.347 min Scan# 1713
Delta R.T. -0.006 min
Lab File: VW017612.D
Acq: 14 Dec 2020 15:46

Tgt Ion:173 Resp: 31138
Ion Ratio Lower Upper
173 100
175 50.4 24.7 74.1
254 0.0 0.1 0.1#

Instrument :
MSVOA_W
ClientSampleId :
VW1214SBSD01

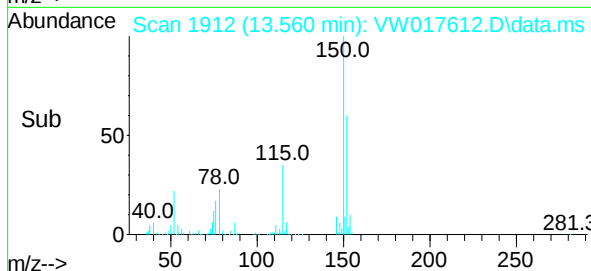
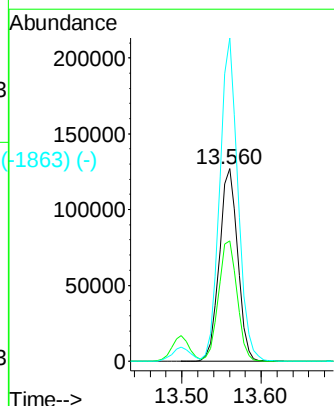
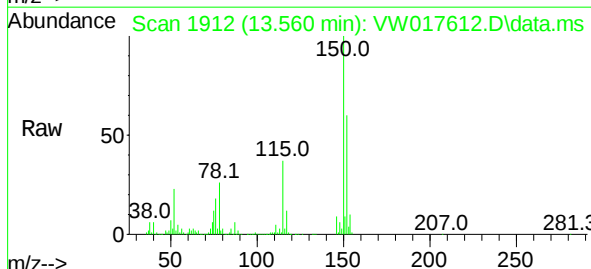
Manual Integrations
APPROVED

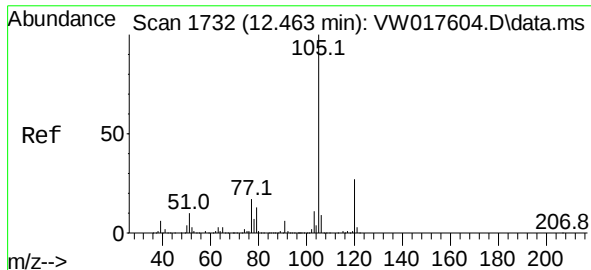
MMDadoda
12/15/2020 4:50:33 PM



1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW017612.D
Acq: 14 Dec 2020 15:46

Tgt Ion:152 Resp: 204203
Ion Ratio Lower Upper
152 100
115 63.4 27.9 83.7
150 166.9 0.0 344.0





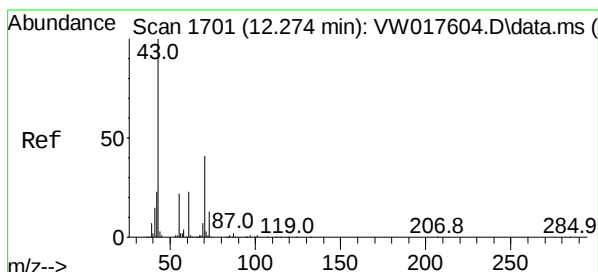
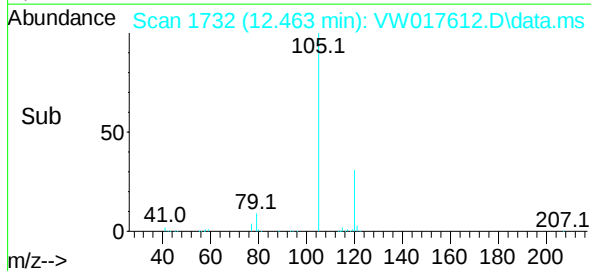
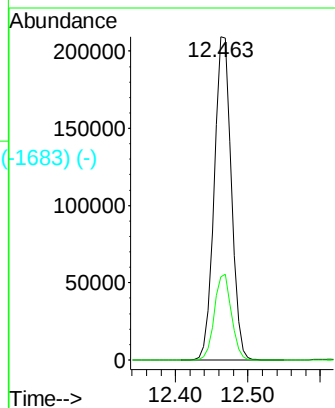
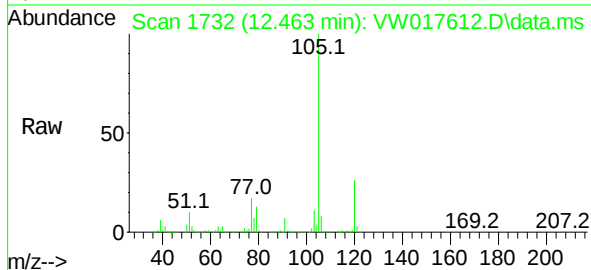
Isopropylbenzene
Concen: 21.25 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW017612.D
Acq: 14 Dec 2020 15:46

Instrument :
MSVOA_W
ClientSampleId :
VW1214SBS01

Tgt Ion:105 Resp: 343101
Ion Ratio Lower Upper
105 100
120 26.3 13.6 40.7

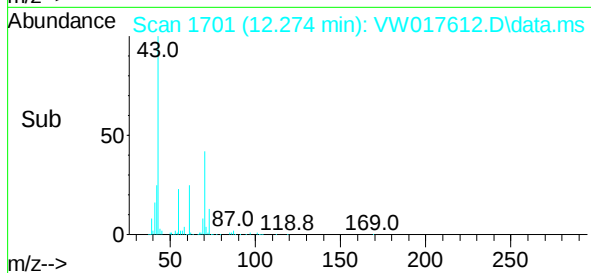
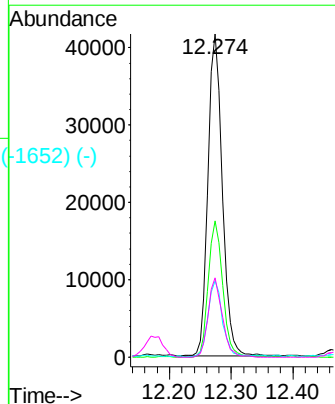
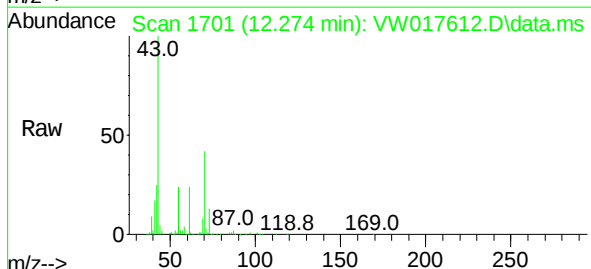
Manual Integrations
APPROVED

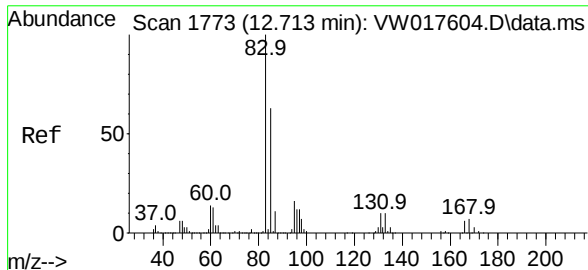
MMDadoda
12/15/2020 4:50:33 PM



N-ethyl acetate
Concen: 19.71 ug/l
RT: 12.274 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VW017612.D
Acq: 14 Dec 2020 15:46

Tgt Ion: 43 Resp: 66735
Ion Ratio Lower Upper
43 100
70 42.3 40.2 60.4
55 24.3 21.4 32.0
61 24.1 21.4 32.2





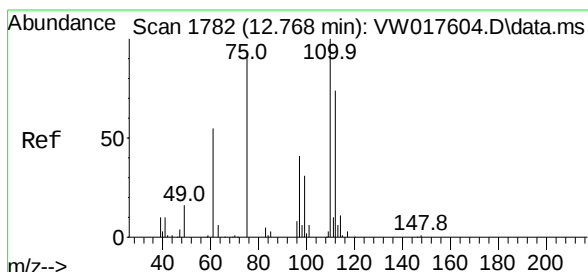
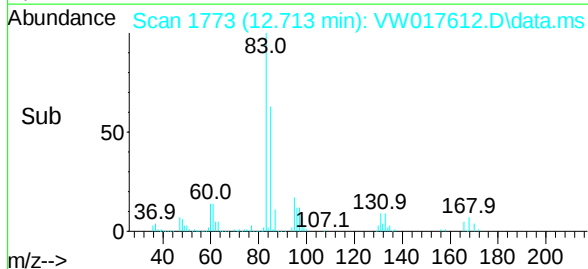
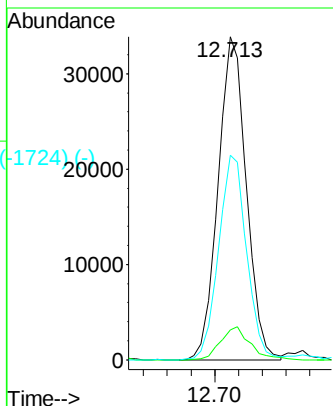
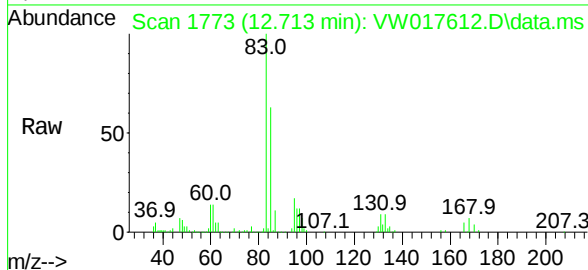
Scan 1773 (12.713 min): VW017604.D\data.ms (-1775) (-)
 1,1,2,2-Tetrachloroethane
 Concen: 20.71 ug/l
 RT: 12.713 min Scan# 1773
 Delta R.T. -0.000 min
 Lab File: VW017612.D
 Acq: 14 Dec 2020 15:46

Tgt Ion:	83	Resp:	55775
Ion	Ratio	Lower	Upper
83	100		
131	10.9	6.1	18.3
85	62.9	32.7	98.1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1214SBS01

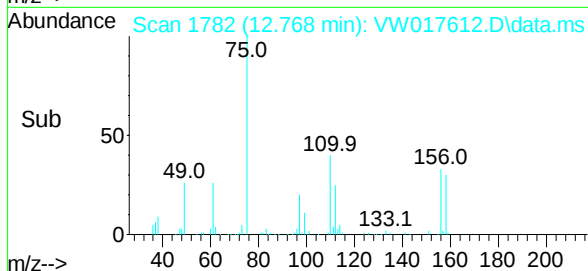
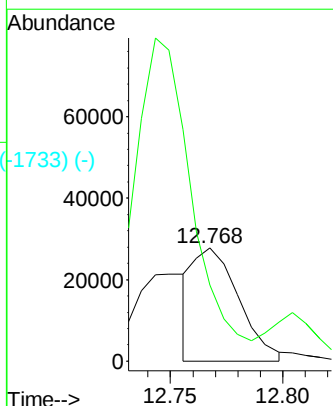
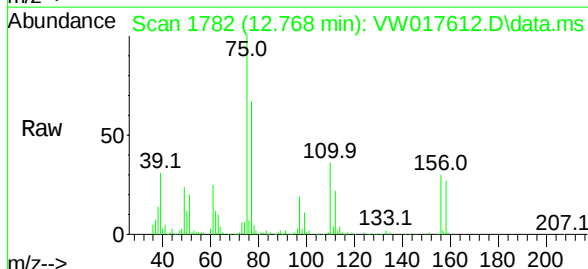
Manual Integrations
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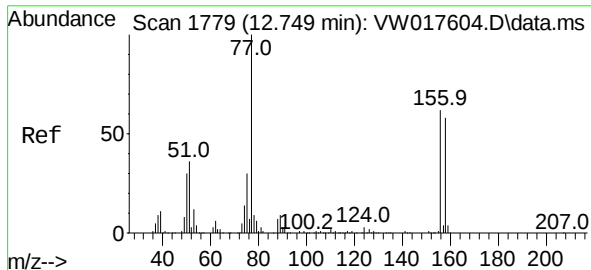
MMDadoda
 12/15/2020 4:50:33 PM



Scan 1782 (12.768 min): VW017604.D\data.ms (-1780) (-)
 1,2,3-Trichloropropane
 Concen: 20.05 ug/l m
 RT: 12.768 min Scan# 1782
 Delta R.T. -0.000 min
 Lab File: VW017612.D
 Acq: 14 Dec 2020 15:46

Tgt Ion:	75	Resp:	39418
Ion	Ratio	Lower	Upper
75	100		
77	0.0	178.8	536.3#





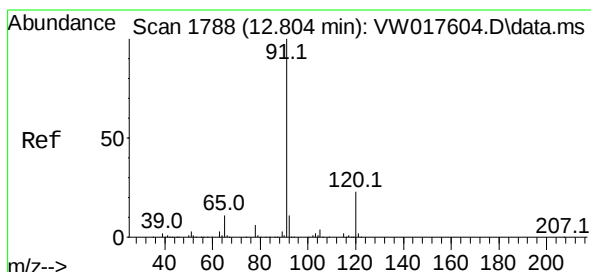
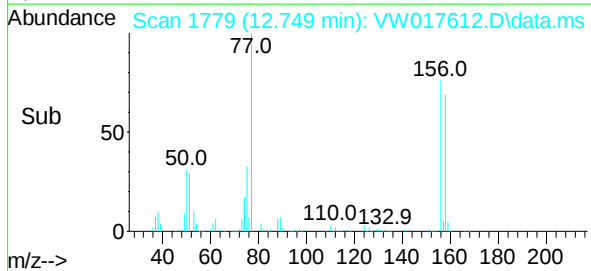
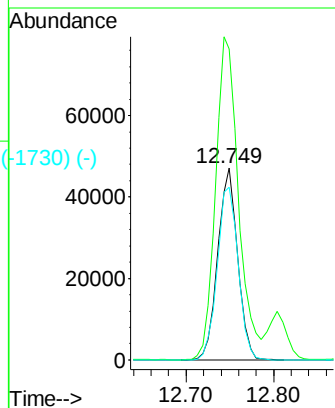
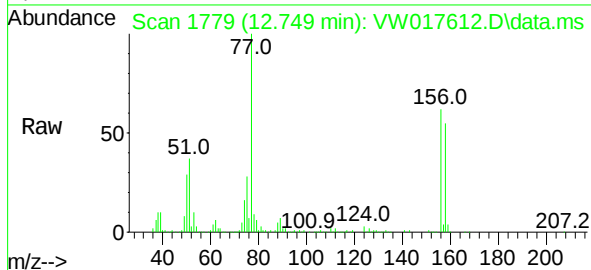
Bromobenzene
Concen: 21.42 ug/l
RT: 12.749 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VW017612.D
Acq: 14 Dec 2020 15:46

Tgt Ion: 156 Resp: 74061
Ion Ratio Lower Upper
156 100
77 194.5 79.0 237.2
158 94.9 47.0 141.2

Instrument :
MSVOA_W
ClientSampleId :
VW1214SBSD01

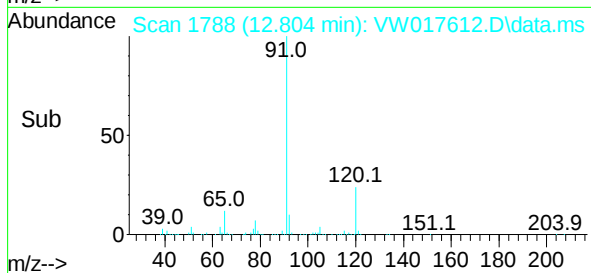
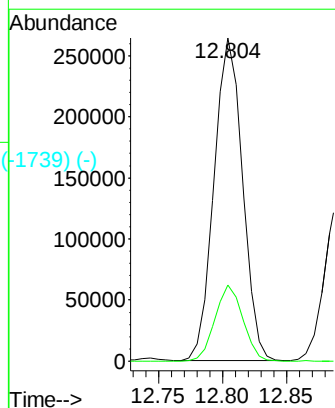
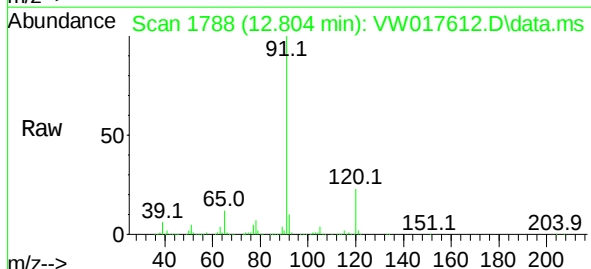
Manual Integrations
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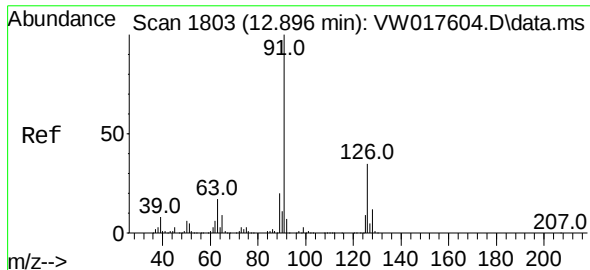
MMDadoda
12/15/2020 4:50:33 PM



n-propylbenzene
Concen: 21.33 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. 0.000 min
Lab File: VW017612.D
Acq: 14 Dec 2020 15:46

Tgt Ion: 91 Resp: 408971
Ion Ratio Lower Upper
91 100
120 23.0 12.0 36.1





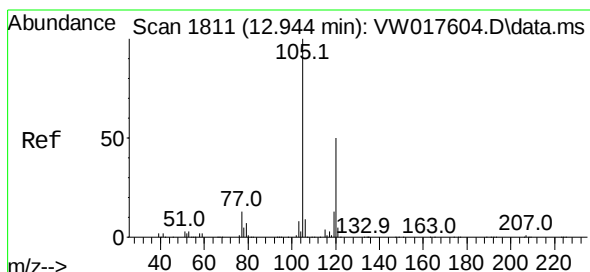
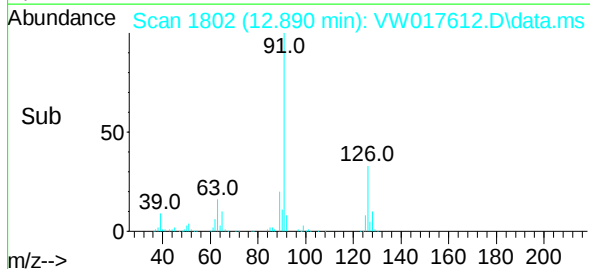
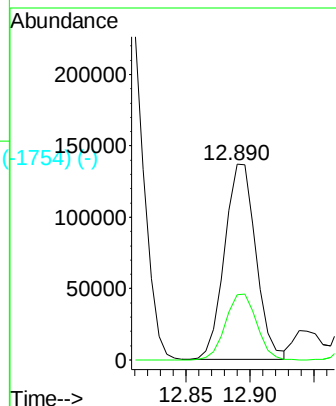
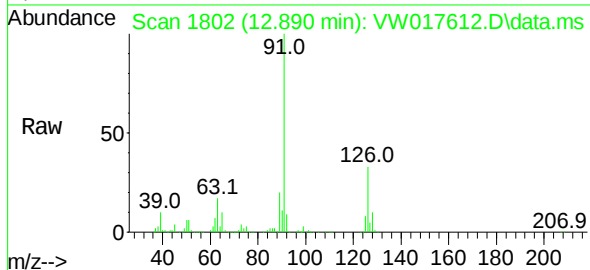
Scan 1803 (12.896 min): VW017604.D\data.ms (-1770) (-)
 2-Chlorotoluene
 Concen: 21.80 ug/l
 RT: 12.890 min Scan# 1802
 Delta R.T. -0.006 min
 Lab File: VW017612.D
 Acq: 14 Dec 2020 15:46

Tgt Ion: 91 Resp: 233042
 Ion Ratio Lower Upper
 91 100
 126 33.4 17.9 53.8

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1214SBS01

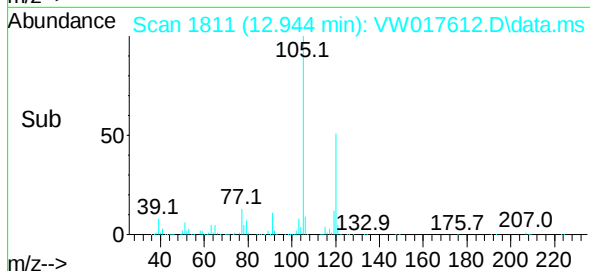
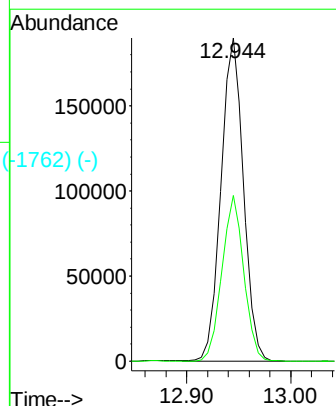
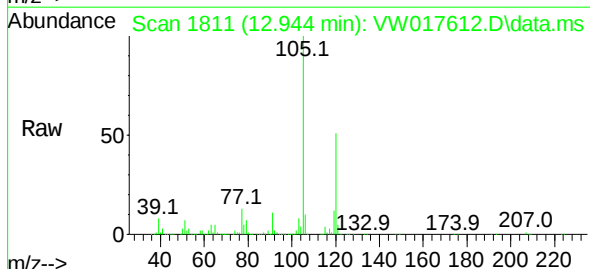
Manual Integrations
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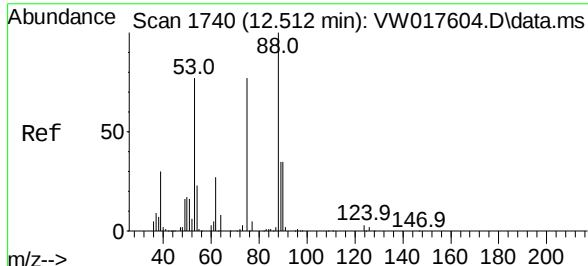
MMDadoda
 12/15/2020 4:50:33 PM



Scan 1811 (12.944 min): VW017604.D\data.ms (-1770) (-)
 1,3,5-Trimethylbenzene
 Concen: 21.06 ug/l
 RT: 12.944 min Scan# 1811
 Delta R.T. 0.000 min
 Lab File: VW017612.D
 Acq: 14 Dec 2020 15:46

Tgt Ion:105 Resp: 287748
 Ion Ratio Lower Upper
 105 100
 120 49.8 24.9 74.8





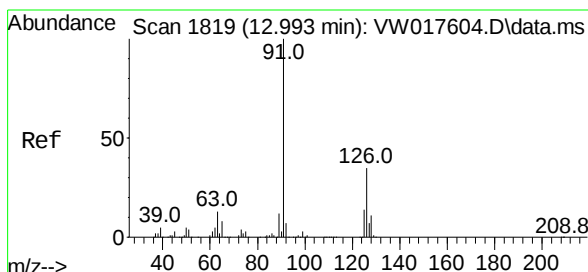
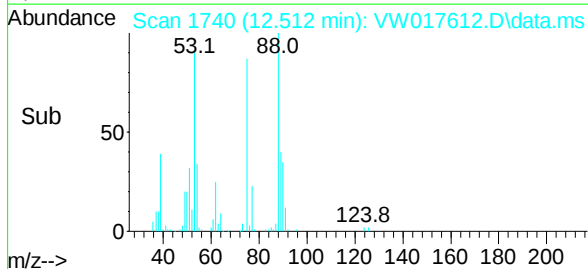
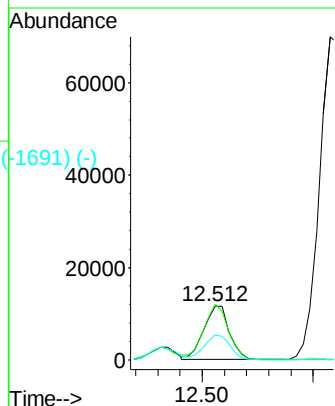
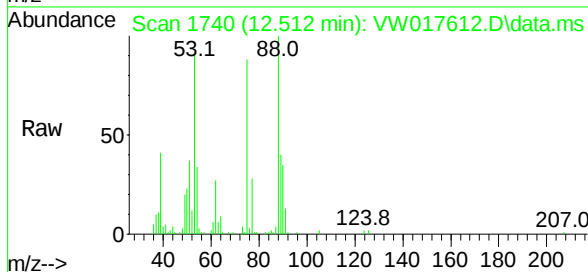
Scan 1740 (12.512 min): VW017604.D\data.ms (-1736) (-)
 trans-1,4-Dichloro-2-butene
 Concen: 19.19 ug/l
 RT: 12.512 min Scan# 1740
 Delta R.T. -0.000 min
 Lab File: VW017612.D
 Acq: 14 Dec 2020 15:46

Tgt Ion:	75	Resp:	18617
Ion	Ratio	Lower	Upper
75	100		
53	98.9	77.0	115.4
89	46.6	38.7	58.1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1214SBSD01

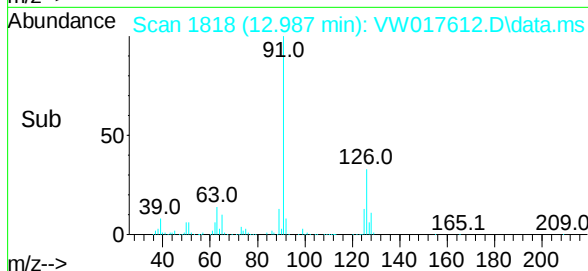
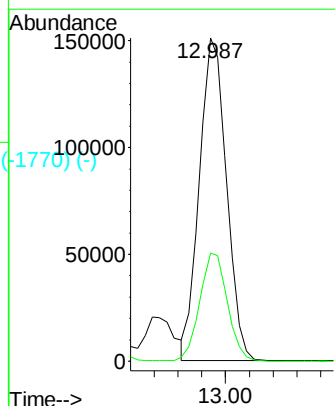
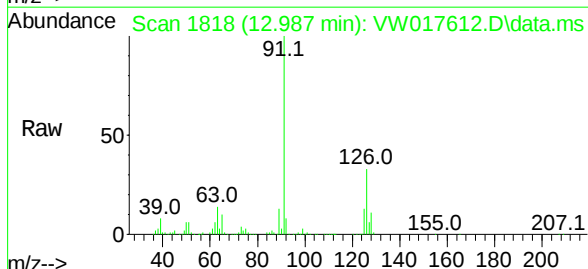
Manual Integrations
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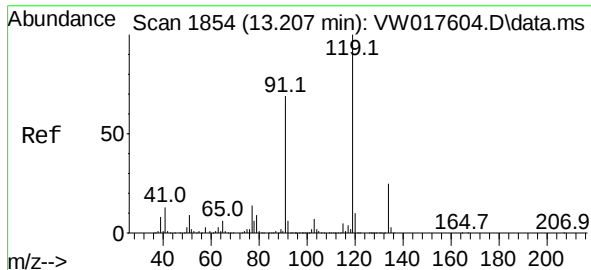
MMDadoda
 12/15/2020 4:50:33 PM



Scan 1819 (12.993 min): VW017604.D\data.ms (-1832) (-)
 4-Chlorotoluene
 Concen: 21.17 ug/l
 RT: 12.987 min Scan# 1818
 Delta R.T. -0.006 min
 Lab File: VW017612.D
 Acq: 14 Dec 2020 15:46

Tgt Ion:	91	Resp:	238759
Ion	Ratio	Lower	Upper
91	100		
126	34.2	18.1	54.3





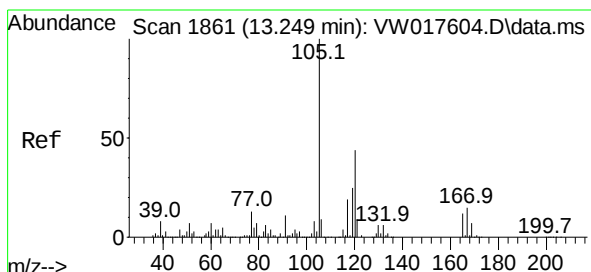
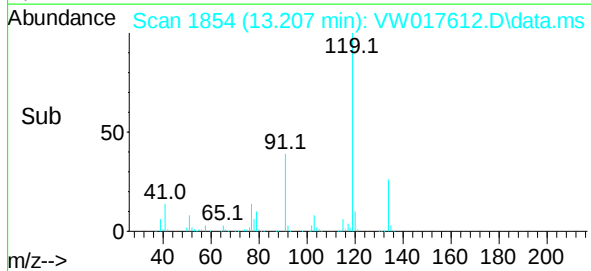
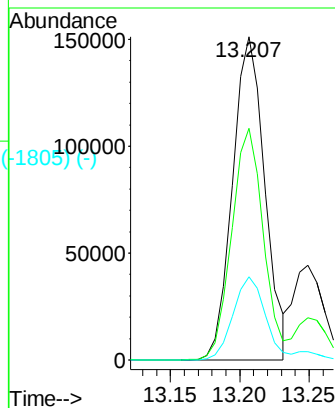
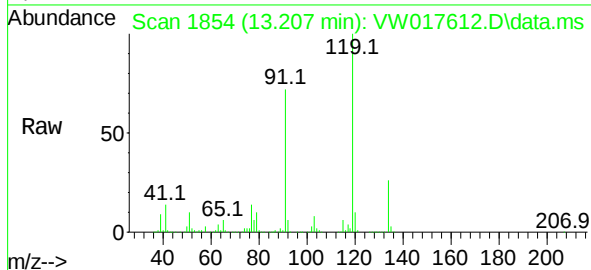
Scan 1854 (13.207 min): VW017604.D\data.ms (-1848) (-)
 tert-Butylbenzene
 Concen: 21.01 ug/l
 RT: 13.207 min Scan# 1854
 Delta R.T. -0.000 min
 Lab File: VW017612.D
 Acq: 14 Dec 2020 15:46

Tgt Ion:	119	Resp:	245535
Ion	Ratio	Lower	Upper
119	100		
91	70.0	31.3	93.9
134	25.5	14.0	42.0

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1214SBSD01

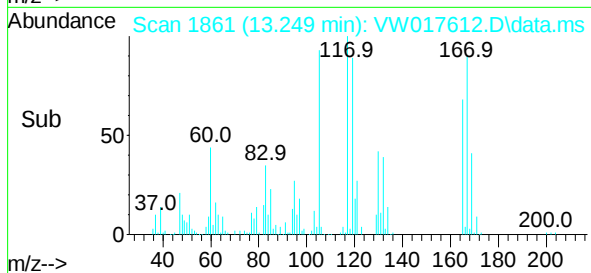
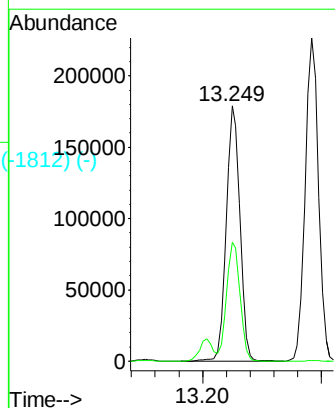
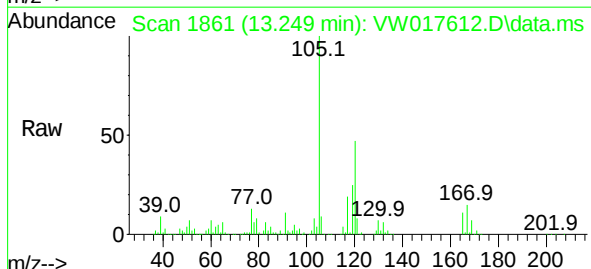
Manual Integrations
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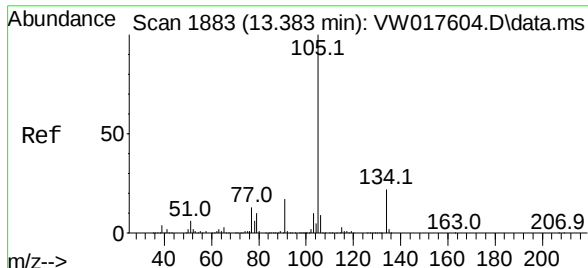
MMDadoda
 12/15/2020 4:50:33 PM



Scan 1861 (13.249 min): VW017604.D\data.ms (-1848) (-)
 1,2,4-Trimethylbenzene
 Concen: 21.13 ug/l
 RT: 13.249 min Scan# 1861
 Delta R.T. 0.000 min
 Lab File: VW017612.D
 Acq: 14 Dec 2020 15:46

Tgt Ion:	105	Resp:	284368
Ion	Ratio	Lower	Upper
105	100		
120	46.0	23.4	70.0





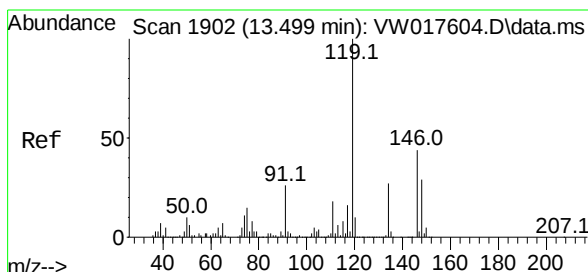
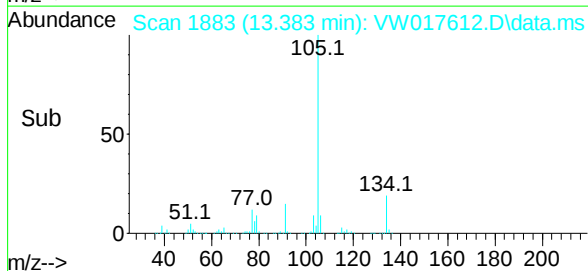
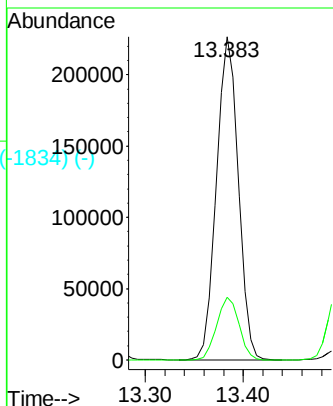
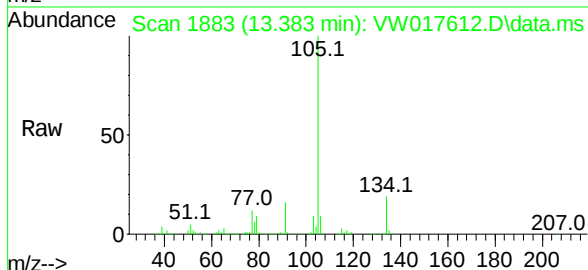
sec-Butylbenzene
Concen: 21.38 ug/l
RT: 13.383 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VW017612.D
Acq: 14 Dec 2020 15:46

Tgt Ion:105 Resp: 350949
Ion Ratio Lower Upper
105 100
134 19.7 10.6 31.8

Instrument :
MSVOA_W
ClientSampleId :
VW1214SBSD01

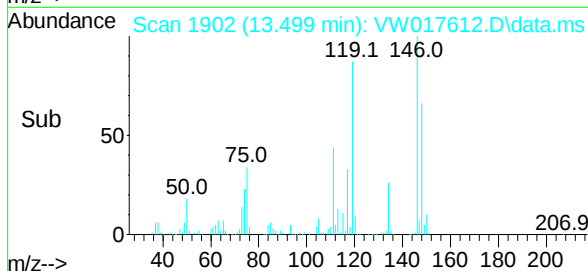
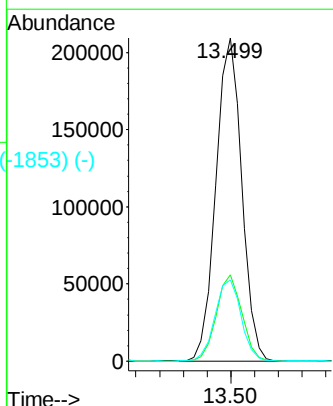
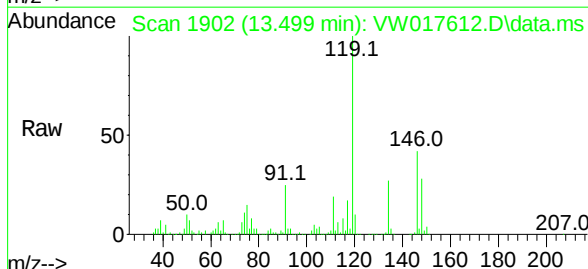
Manual Integrations
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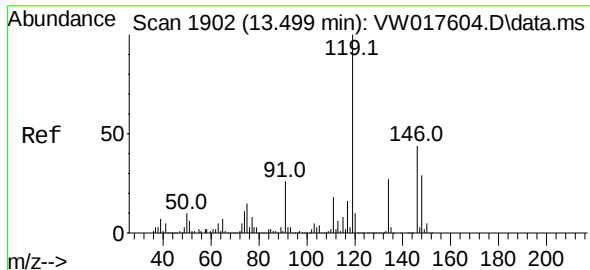
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p-Isopropyltoluene
Concen: 21.32 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW017612.D
Acq: 14 Dec 2020 15:46

Tgt Ion:119 Resp: 315844
Ion Ratio Lower Upper
119 100
134 26.5 13.8 41.3
91 25.6 11.3 33.9





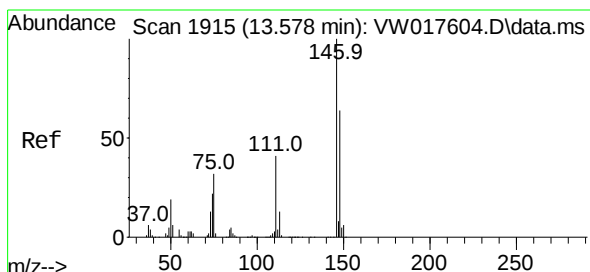
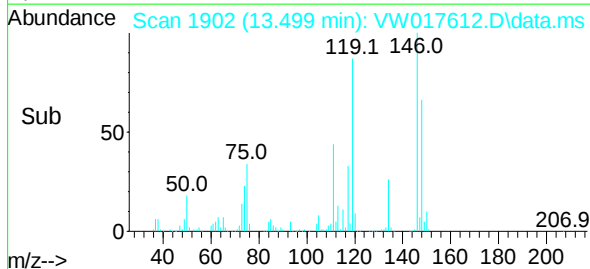
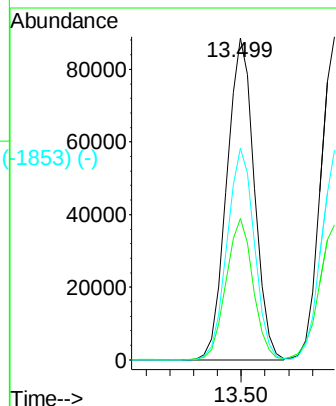
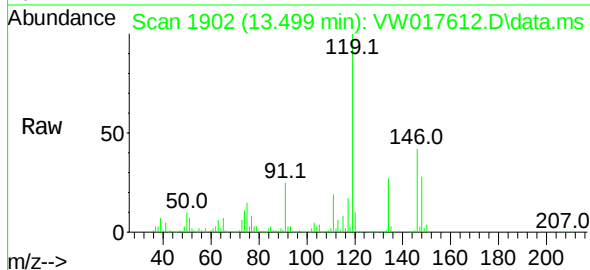
1,3-Dichlorobenzene
Concen: 20.73 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW017612.D
Acq: 14 Dec 2020 15:46

Tgt Ion:146 Resp: 142900
Ion Ratio Lower Upper
146 100
111 43.3 19.1 57.5
148 65.4 32.5 97.4

Instrument :
MSVOA_W
ClientSampleId :
VW1214SBS01

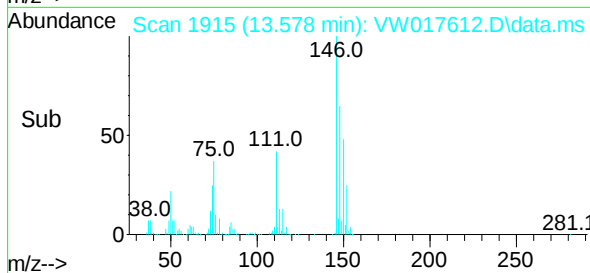
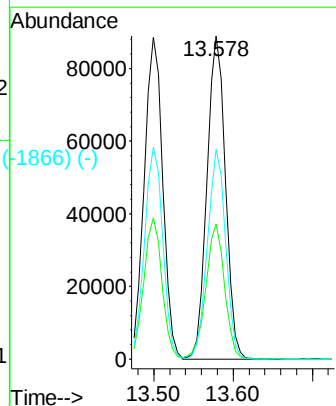
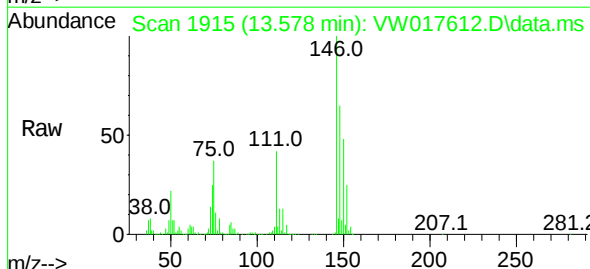
Manual Integrations
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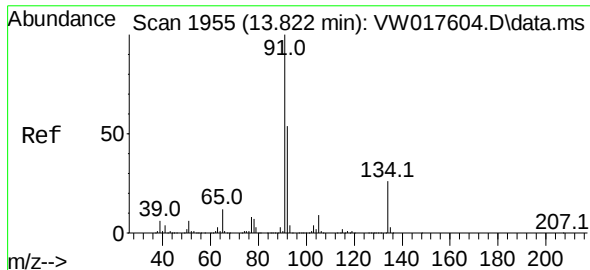
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12/15/2020 4:50:33 PM



1,4-Dichlorobenzene
Concen: 20.98 ug/l
RT: 13.578 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW017612.D
Acq: 14 Dec 2020 15:46

Tgt Ion:146 Resp: 143522
Ion Ratio Lower Upper
146 100
111 42.5 18.5 55.5
148 64.1 31.8 95.4





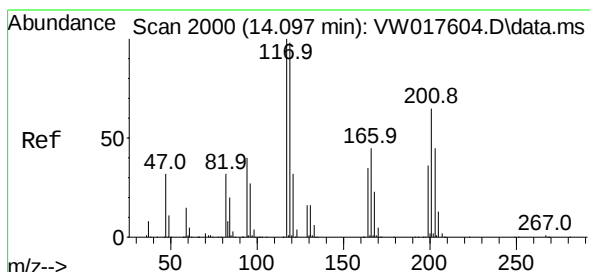
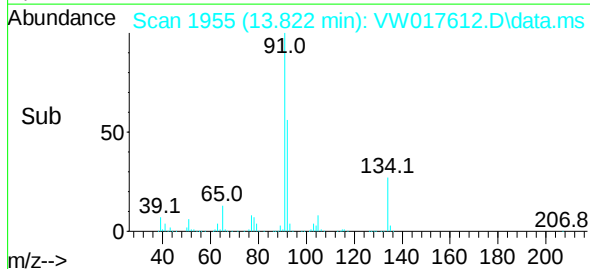
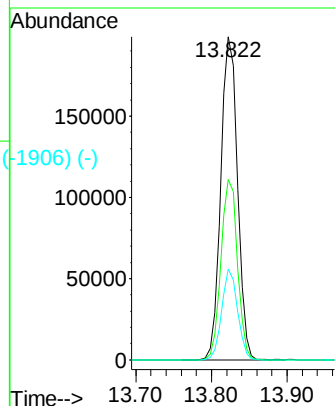
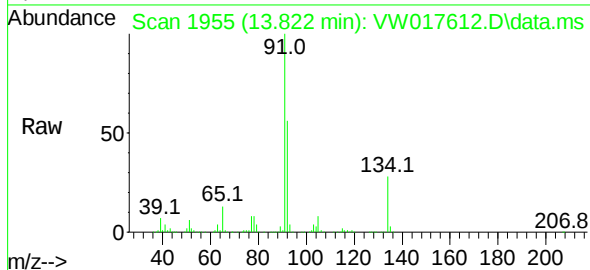
n-Butylbenzene
Concen: 20.83 ug/l
RT: 13.822 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VW017612.D
Acq: 14 Dec 2020 15:46

Tgt Ion	Ratio	Lower	Upper
91	100		
92	55.2	26.6	79.7
134	26.6	14.3	42.9

Instrument :
MSVOA_W
ClientSampleId :
VW1214SBSD01

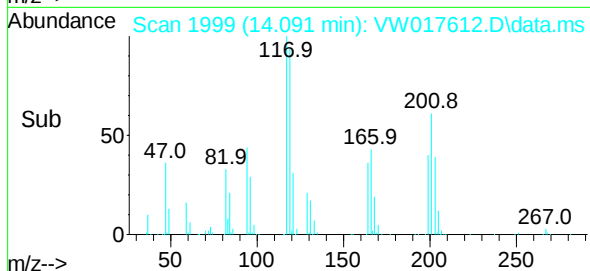
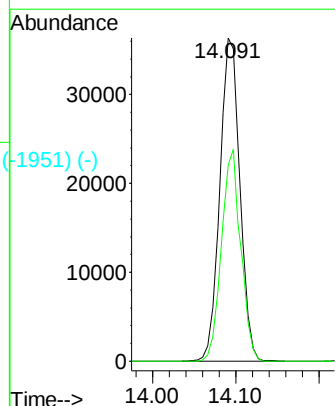
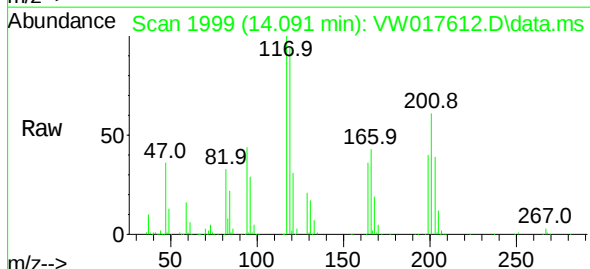
Manual Integrations
APPROVED

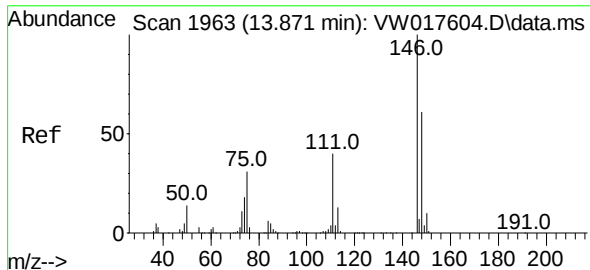
MMDadoda
12/15/2020 4:50:33 PM



Hexachloroethane
Concen: 21.09 ug/l
RT: 14.091 min Scan# 1999
Delta R.T. -0.006 min
Lab File: VW017612.D
Acq: 14 Dec 2020 15:46

Tgt Ion	Ratio	Lower	Upper
117	100		
201	63.1	41.9	125.7





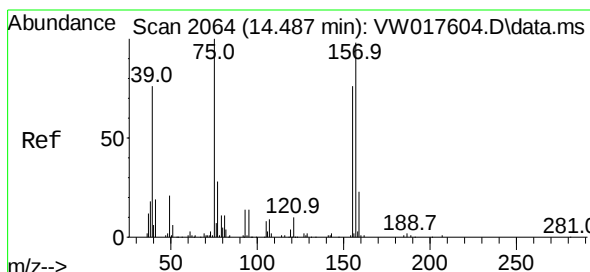
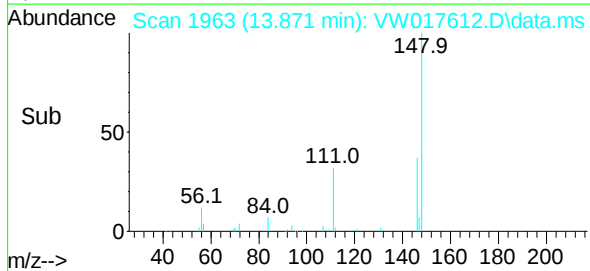
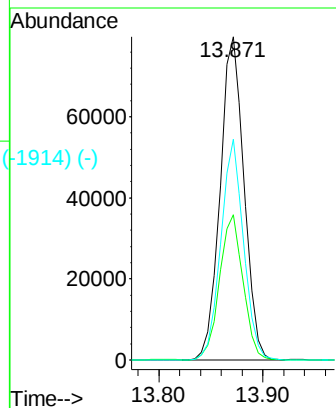
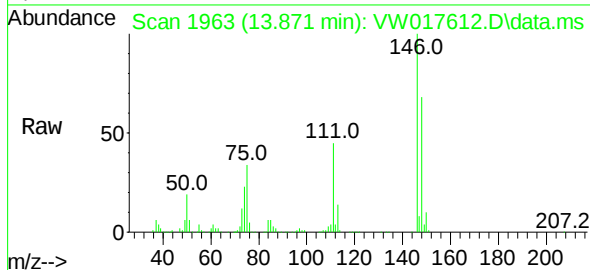
1,2-Dichlorobenzene
Concen: 20.92 ug/l
RT: 13.871 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VW017612.D
Acq: 14 Dec 2020 15:46

Instrument :
MSVOA_W
ClientSampleId :
VW1214SBSD01

Tgt Ion:	146	Resp:	128189
Ion	Ratio	Lower	Upper
146	100		
111	44.2	20.1	60.3
148	65.0	33.1	99.3

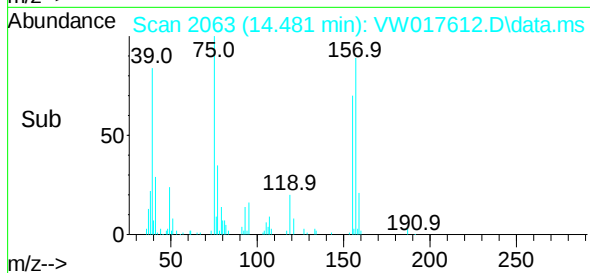
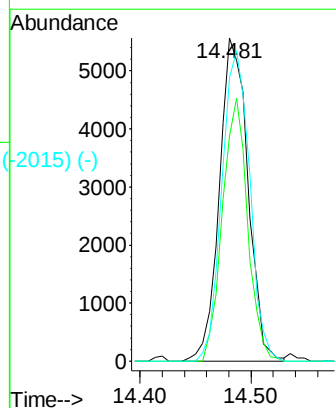
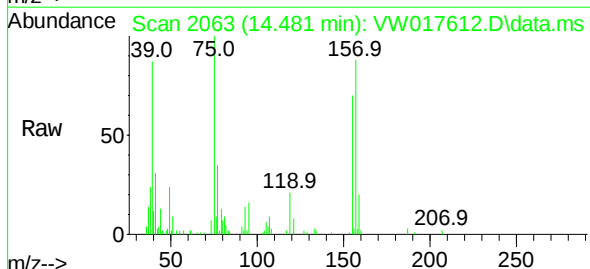
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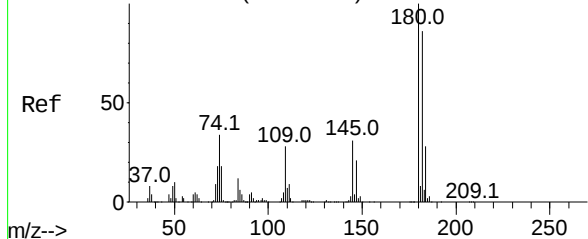


1,2-Dibromo-3-Chloropropane
Concen: 20.29 ug/l
RT: 14.481 min Scan# 2063
Delta R.T. -0.006 min
Lab File: VW017612.D
Acq: 14 Dec 2020 15:46

Tgt Ion:	75	Resp:	9945
Ion	Ratio	Lower	Upper
75	100		
155	71.9	47.6	142.8
157	93.7	62.2	186.6



Abundance Scan 2170 (15.133 min): VW017604.D\data.ms (-2183) (-)



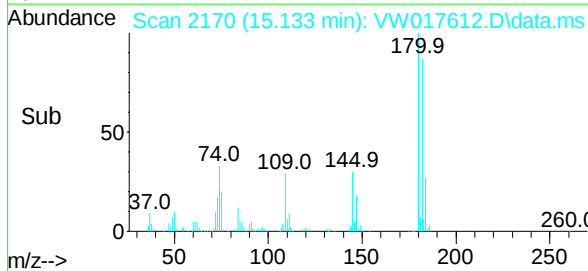
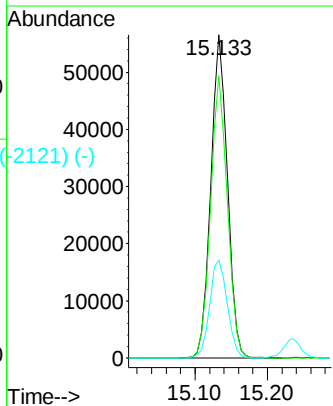
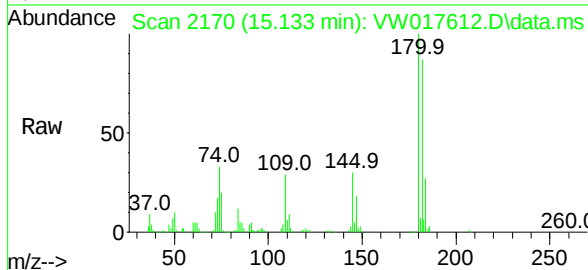
1,2,4-Trichlorobenzene
Concen: 23.08 ug/l
RT: 15.133 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VW017612.D
Acq: 14 Dec 2020 15:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	88.5	48.3	144.9
145	32.1	14.9	44.5

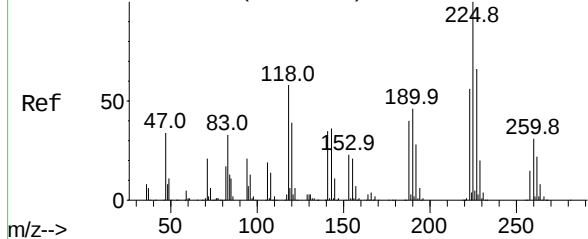
Instrument :
MSVOA_W
ClientSampleId :
VW1214SBS01

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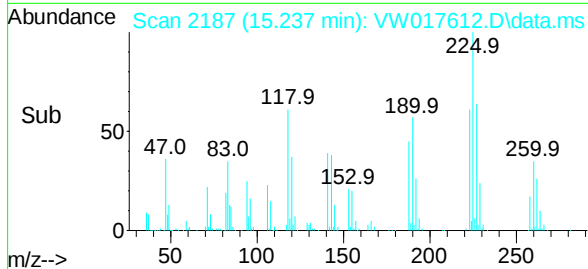
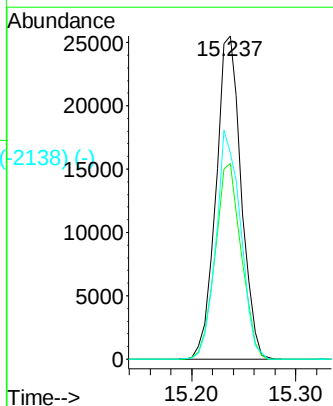
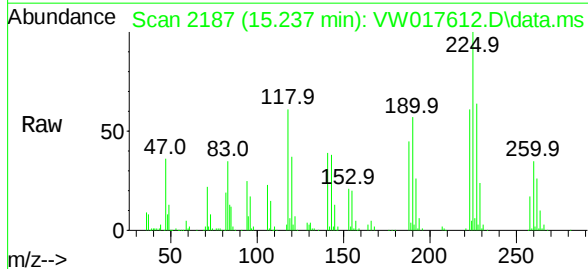


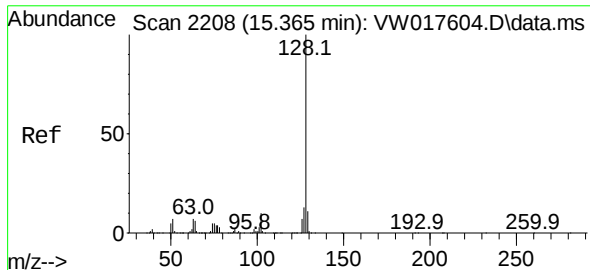
Abundance Scan 2187 (15.237 min): VW017604.D\data.ms (-2194) (-)



Hexachlorobutadiene
Concen: 21.00 ug/l
RT: 15.237 min Scan# 2187
Delta R.T. -0.000 min
Lab File: VW017612.D
Acq: 14 Dec 2020 15:46

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	31.9	95.7
227	69.0	33.0	99.0





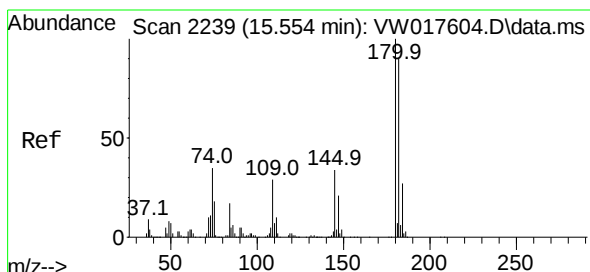
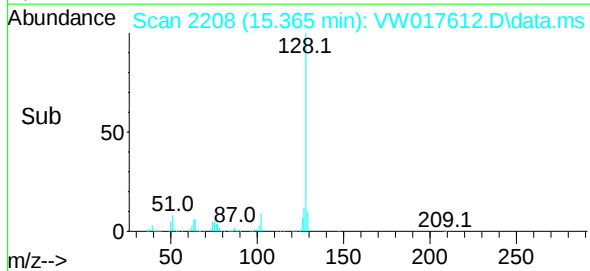
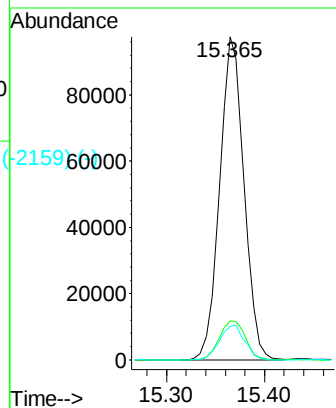
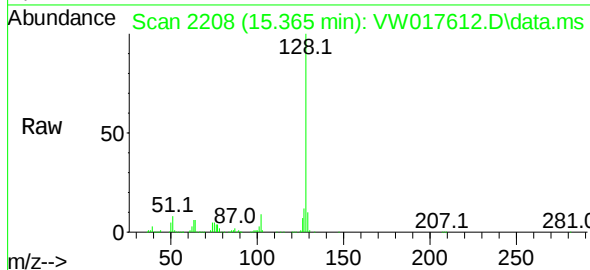
Scan 2208 (15.365 min): VW017604.D\data.ms (-2195) (-)
 Naphthalene
 Concen: 20.90 ug/l
 RT: 15.365 min Scan# 2208
 Delta R.T. -0.000 min
 Lab File: VW017612.D
 Acq: 14 Dec 2020 15:46

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	11.1	8.6	12.8

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1214SBS01

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Scan 2239 (15.554 min): VW017604.D\data.ms (-2196) (-)
 1,2,3-Trichlorobenzene
 Concen: 21.74 ug/l
 RT: 15.554 min Scan# 2239
 Delta R.T. -0.000 min
 Lab File: VW017612.D
 Acq: 14 Dec 2020 15:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	49.4	148.2
145	34.1	16.3	48.9

