

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\Vw121420\
 Data File : VW017602.D
 Acq On : 14 Dec 2020 10:26
 Operator : SY/VA
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

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 12/15/2020 4:50:20 PM

Quant Time: Dec 14 12:20:05 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121420S.M
 Quant Title : Sw846 8260
 QLast Update : Mon Dec 14 12:18:51 2020
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.952	168	306931	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.848	114	514181	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	457571	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	224050	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	38125	11.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	23.26%	
35) Dibromofluoromethane	7.891	113	35010	10.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	21.22%	
50) Toluene-d8	10.329	98	140432	11.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	22.58%	
62) 4-Bromofluorobenzene	12.622	95	48082	10.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	21.72%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.014	85	26209	12.33	ug/l	98
3) Chloromethane	2.215	50	29116	11.97	ug/l	97
4) Vinyl Chloride	2.367	62	41830	12.67	ug/l	90
5) Bromomethane	2.776	94	29633	12.69	ug/l	99
6) Chloroethane	2.928	64	25333	12.32	ug/l	95
7) Trichlorofluoromethane	3.270	101	30560	9.84	ug/l	93
8) Diethyl Ether	3.684	74	17478	11.56	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.080	101	34630	10.86	ug/l	90
10) Methyl Iodide	4.275	142	51999	11.00	ug/l	94
11) Tert butyl alcohol	5.178	59	17952	77.59	ug/l #	96
12) 1,1-Dichloroethene	4.050	96	35732	11.30	ug/l	92
13) Acrolein	3.904	56	12803	62.93	ug/l	98
14) Allyl chloride	4.672	41	55567	11.97	ug/l	94
15) Acrylonitrile	5.373	53	35877	56.09	ug/l	96
16) Acetone	4.123	43	37249	57.77	ug/l	96
17) Carbon Disulfide	4.391	76	106774	11.51	ug/l	99
18) Methyl Acetate	4.678	43	15585	11.29	ug/l	91
19) Methyl tert-butyl Ether	5.434	73	48589	12.54	ug/l	100
20) Methylene Chloride	4.928	84	45463	11.58	ug/l #	84
21) trans-1,2-Dichloroethene	5.428	96	39245	11.23	ug/l	90
22) Diisopropyl ether	6.312	45	100134	11.78	ug/l #	88
23) Vinyl Acetate	6.257	43	326560	61.17	ug/l	95
24) 1,1-Dichloroethane	6.220	63	68263	11.65	ug/l	95
25) 2-Butanone	7.177	43	51685	60.02	ug/l	90
26) 2,2-Dichloropropane	7.171	77	53107	13.28	ug/l	90
27) cis-1,2-Dichloroethene	7.171	96	42658	11.55	ug/l	85
28) Bromochloromethane	7.513	49	27838	11.17	ug/l #	72
29) Tetrahydrofuran	7.531	42	29844	59.99	ug/l	89
30) Chloroform	7.677	83	69309	11.40	ug/l	98
31) Cyclohexane	7.958	56	70340	12.58	ug/l	93
32) 1,1,1-Trichloroethane	7.872	97	59513	11.50	ug/l	96
36) 1,1-Dichloropropene	8.086	75	56378	10.99	ug/l	95
37) Ethyl Acetate	7.257	43	22320	11.72	ug/l #	92
38) Carbon Tetrachloride	8.074	117	55263	10.33	ug/l	99
39) Methylcyclohexane	9.336	83	71179	11.53	ug/l	91

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 Quant Title : Sw846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	8.324	78	151688	10.85	ug/l	98
41) Methacrylonitrile	7.488	41	12596	10.93	ug/l	92
42) 1,2-Dichloroethane	8.403	62	44954	10.85	ug/l	98
43) Isopropyl Acetate	8.427	43	41993	11.69	ug/l #	93
44) Trichloroethene	9.092	130	40409	10.12	ug/l	87
45) 1,2-Dichloropropane	9.372	63	37171	10.94	ug/l	99
46) Dibromomethane	9.464	93	20231	10.92	ug/l #	82
47) Bromodichloromethane	9.646	83	52635	11.04	ug/l	96
48) Methyl methacrylate	9.439	41	20648	11.21	ug/l	87
49) 1,4-Dioxane	9.464	88	4894	245.84	ug/l #	85
51) 4-Methyl-2-Pentanone	10.213	43	104254	58.36	ug/l	92
52) Toluene	10.390	92	99153	11.21	ug/l	100
53) t-1,3-Dichloropropene	10.610	75	52703	11.53	ug/l	97
54) cis-1,3-Dichloropropene	10.073	75	61204	11.46	ug/l #	90
55) 1,1,2-Trichloroethane	10.787	97	26996	10.75	ug/l	96
56) Ethyl methacrylate	10.646	69	33980	11.87	ug/l #	88
57) 1,3-Dichloropropane	10.933	76	48289	11.09	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.927	63	86418	60.75	ug/l	92
59) 2-Hexanone	10.969	43	67204	56.70	ug/l	95
60) Dibromochloromethane	11.128	129	33123	10.42	ug/l	100
61) 1,2-Dibromoethane	11.238	107	26578	10.86	ug/l	98
64) Tetrachloroethene	10.866	164	33289	10.35	ug/l	91
65) Chlorobenzene	11.658	112	102015	10.68	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.731	131	35032	10.09	ug/l	99
67) Ethyl Benzene	11.731	91	192737	11.27	ug/l	99
68) m/p-Xylenes	11.841	106	144786	22.55	ug/l	98
69) o-Xylene	12.170	106	69971	11.94	ug/l	100
70) Styrene	12.183	104	112068	11.16	ug/l	95
71) Bromoform	12.347	173	18259	10.42	ug/l #	98
73) Isopropylbenzene	12.469	105	187614	11.73	ug/l	98
74) N-amyl acetate	12.274	43	36212	12.24	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.713	83	29661	11.00	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	21023m	10.60	ug/l	
77) Bromobenzene	12.750	156	39664	10.60	ug/l	82
78) n-propylbenzene	12.804	91	222241	11.53	ug/l	98
79) 2-Chlorotoluene	12.896	91	124515	11.48	ug/l	95
80) 1,3,5-Trimethylbenzene	12.945	105	155353	11.52	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.512	75	11009	12.77	ug/l	97
82) 4-Chlorotoluene	12.987	91	131813	11.55	ug/l	94
83) tert-Butylbenzene	13.207	119	135069	11.67	ug/l	93
84) 1,2,4-Trimethylbenzene	13.249	105	156598	11.65	ug/l	97
85) sec-Butylbenzene	13.384	105	188671	11.61	ug/l	98
86) p-Isopropyltoluene	13.499	119	168855	11.25	ug/l	97
87) 1,3-Dichlorobenzene	13.499	146	80686	10.84	ug/l	96
88) 1,4-Dichlorobenzene	13.579	146	77820	10.61	ug/l	95
89) n-Butylbenzene	13.823	91	166432	11.64	ug/l	99
90) Hexachloroethane	14.097	117	34049	11.88	ug/l	76
91) 1,2-Dichlorobenzene	13.871	146	68740	10.62	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.481	75	5449	11.67	ug/l	79
93) 1,2,4-Trichlorobenzene	15.133	180	44355	10.16	ug/l	97
94) Hexachlorobutadiene	15.237	225	22942	8.91	ug/l	93
95) Naphthalene	15.365	128	89600	11.82	ug/l	98

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QLast Update : Mon Dec 14 12:18:51 2020
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations
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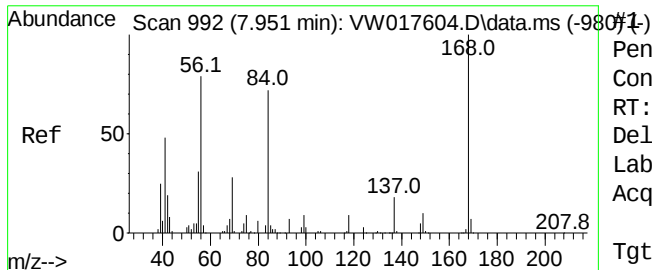
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.554	180	37465	9.90	ug/l	96

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

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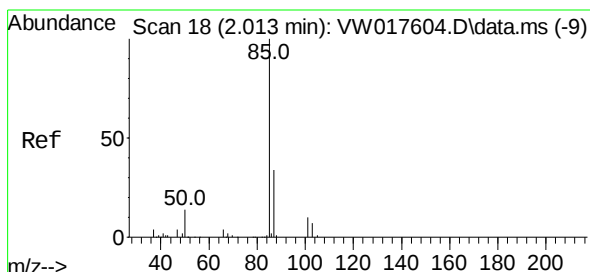
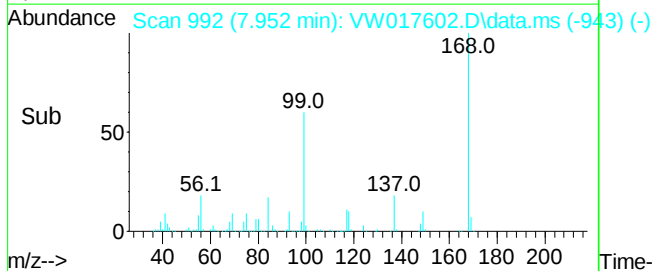
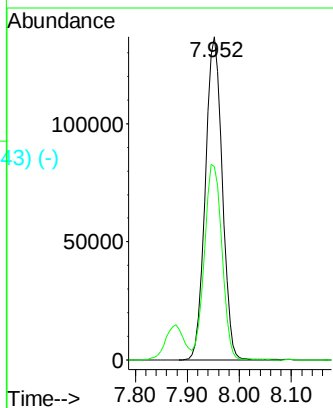
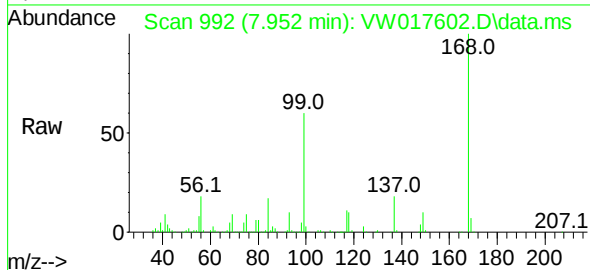
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.952 min Scan# 992
Delta R.T. 0.001 min
Lab File: VW017602.D
Acq: 14 Dec 2020 10:26

Tgt Ion:168 Resp: 306931
Ion Ratio Lower Upper
168 100
99 59.8 40.7 61.1

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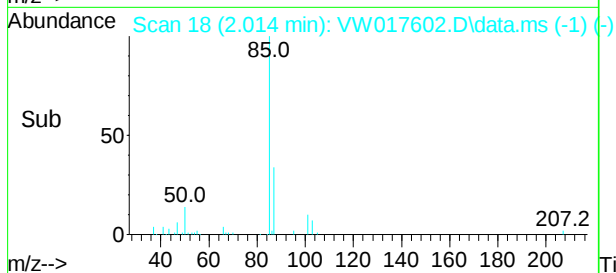
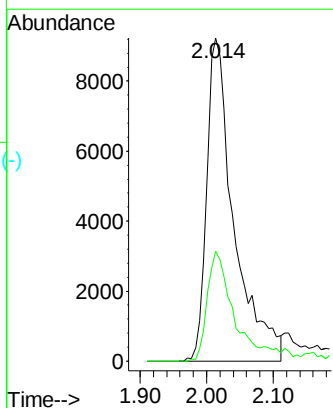
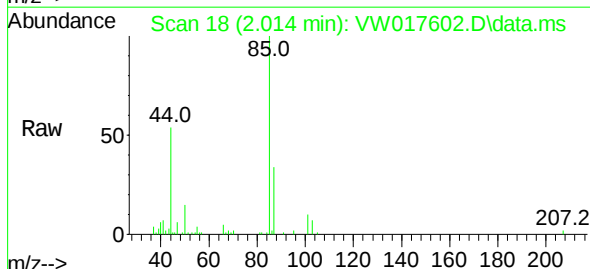
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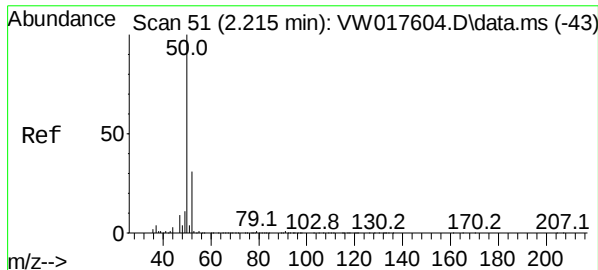
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Dichlorodifluoromethane
Concen: 12.33 ug/l
RT: 2.014 min Scan# 18
Delta R.T. 0.000 min
Lab File: VW017602.D
Acq: 14 Dec 2020 10:26

Tgt Ion: 85 Resp: 26209
Ion Ratio Lower Upper
85 100
87 34.0 16.3 48.9





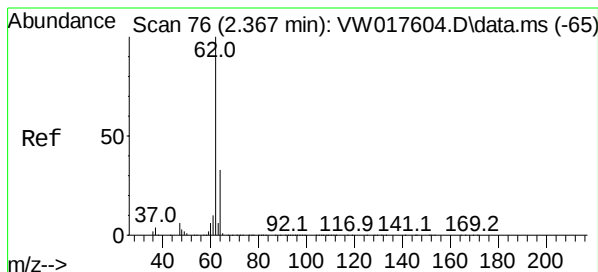
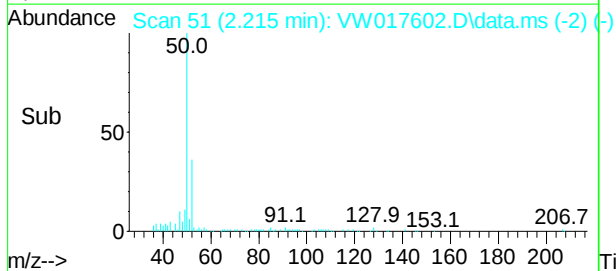
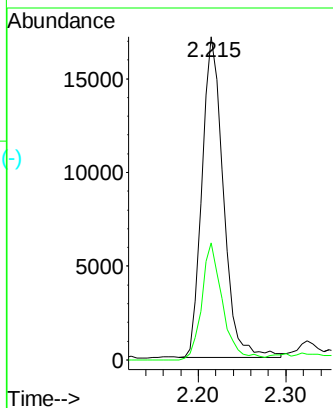
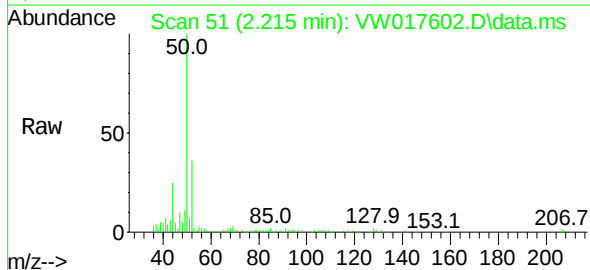
(#3)
Chloromethane
Concen: 11.97 ug/l
RT: 2.215 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW017602.D
Acq: 14 Dec 2020 10:26

Tgt Ion: 50 Resp: 29116
Ion Ratio Lower Upper
50 100
52 36.5 27.6 41.4

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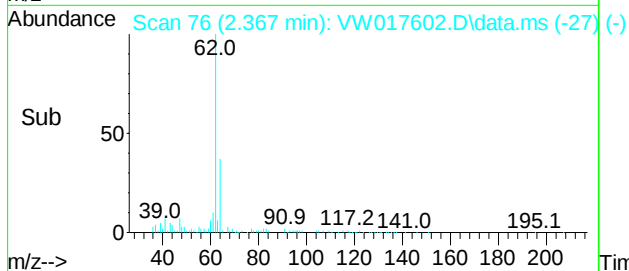
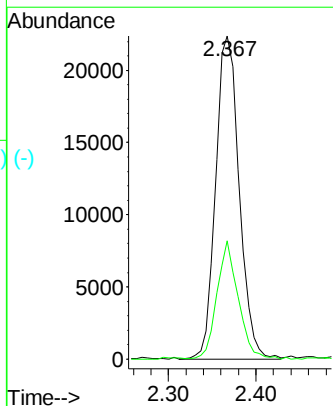
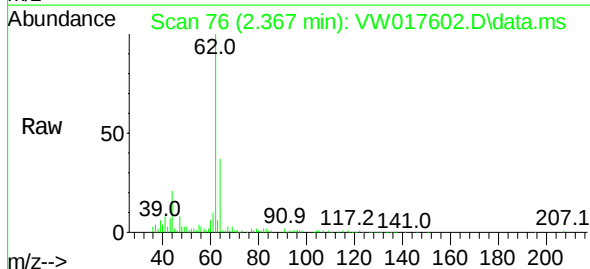
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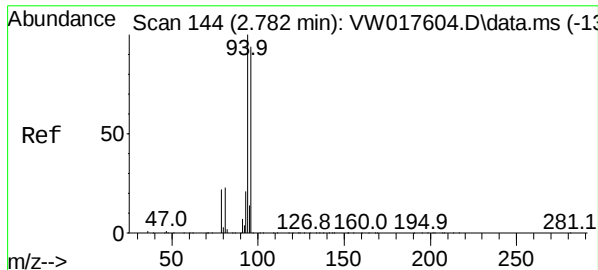
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(#4)
Vinyl Chloride
Concen: 12.67 ug/l
RT: 2.367 min Scan# 76
Delta R.T. 0.000 min
Lab File: VW017602.D
Acq: 14 Dec 2020 10:26

Tgt Ion: 62 Resp: 41830
Ion Ratio Lower Upper
62 100
64 36.6 25.0 37.4





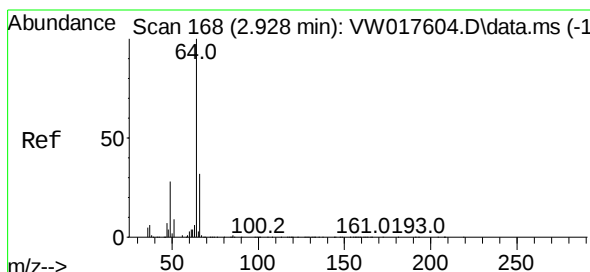
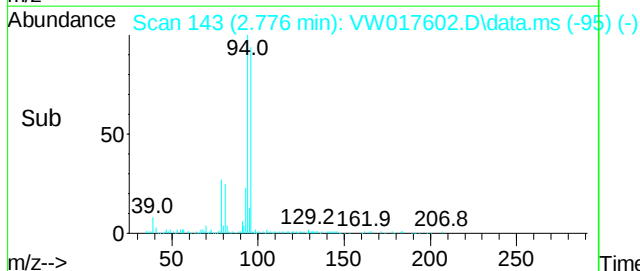
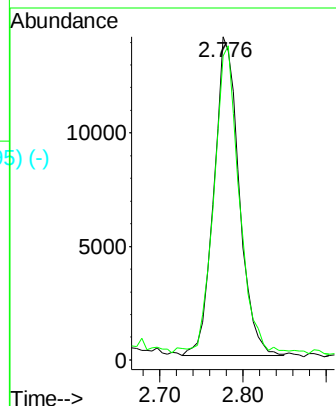
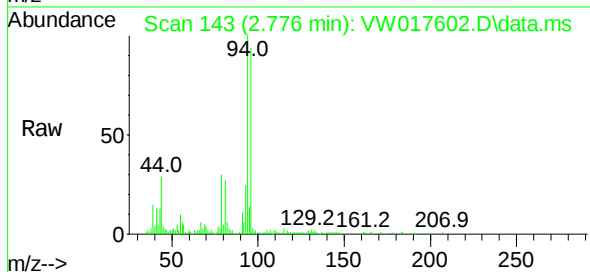
Bromomethane
 Concen: 12.69 ug/l
 RT: 2.776 min Scan# 143
 Delta R.T. -0.006 min
 Lab File: VW017602.D
 Acq: 14 Dec 2020 10:26

Instrument :
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Tgt Ion: 94 Resp: 29633
 Ion Ratio Lower Upper
 94 100
 96 92.6 74.7 112.1

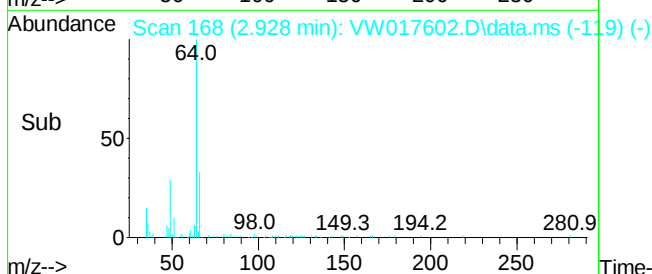
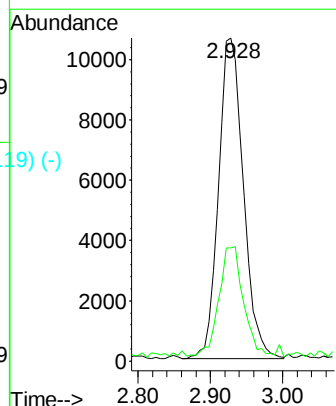
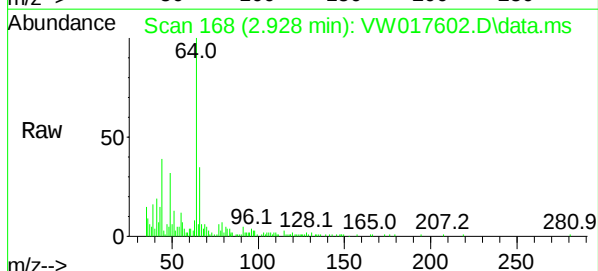
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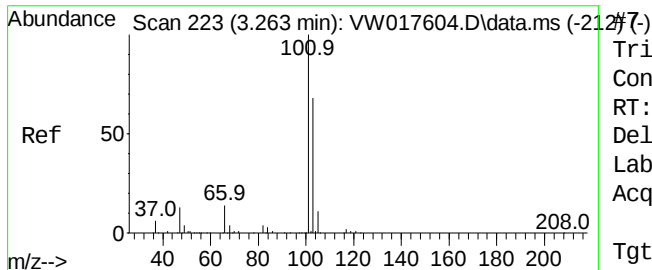
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Chloroethane
 Concen: 12.32 ug/l
 RT: 2.928 min Scan# 168
 Delta R.T. 0.000 min
 Lab File: VW017602.D
 Acq: 14 Dec 2020 10:26

Tgt Ion: 64 Resp: 25333
 Ion Ratio Lower Upper
 64 100
 66 33.9 25.0 37.6





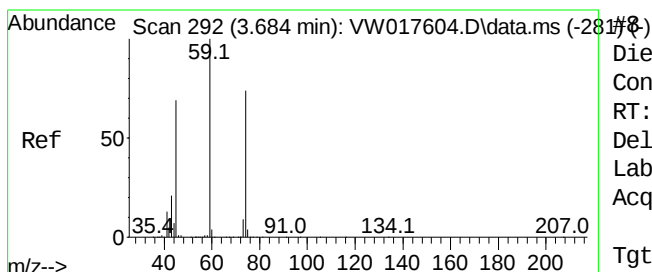
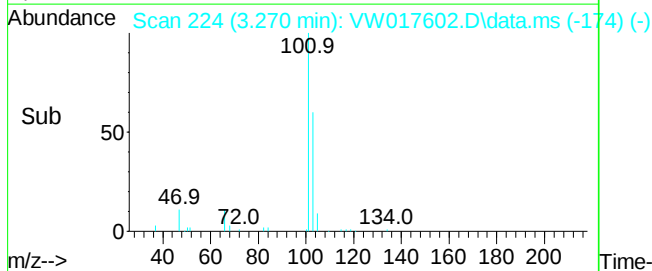
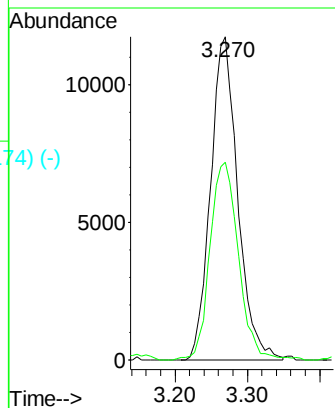
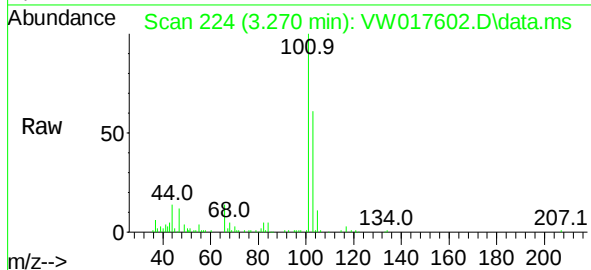
Trichlorofluoromethane
 Concen: 9.84 ug/l
 RT: 3.270 min Scan# 224
 Delta R.T. 0.006 min
 Lab File: VW017602.D
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Instrument :
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Tgt Ion:101 Resp: 30560
 Ion Ratio Lower Upper
 101 100
 103 60.5 52.6 79.0

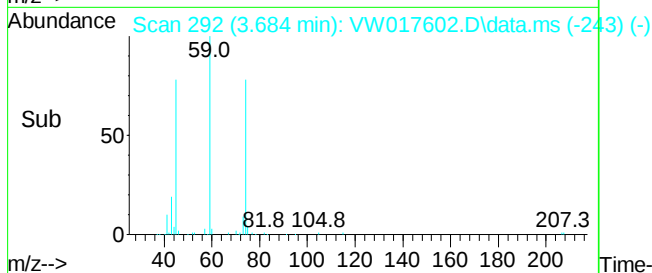
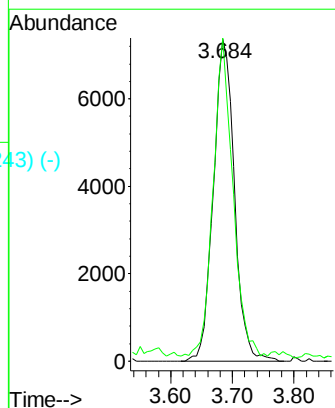
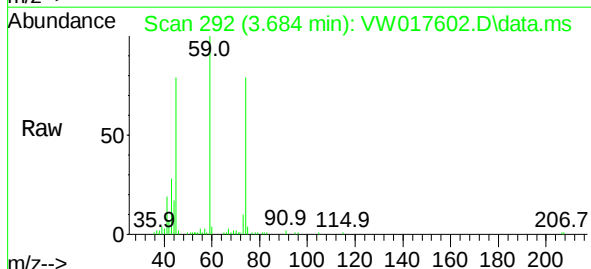
Manual Integrations
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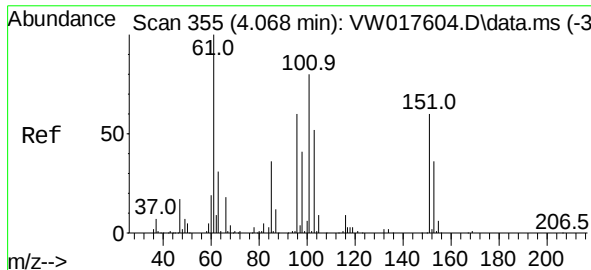
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Diethyl Ether
 Concen: 11.56 ug/l
 RT: 3.684 min Scan# 292
 Delta R.T. 0.000 min
 Lab File: VW017602.D
 Acq: 14 Dec 2020 10:26

Tgt Ion: 74 Resp: 17478
 Ion Ratio Lower Upper
 74 100
 45 93.0 41.1 123.4





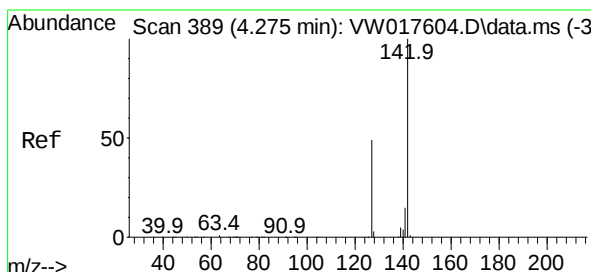
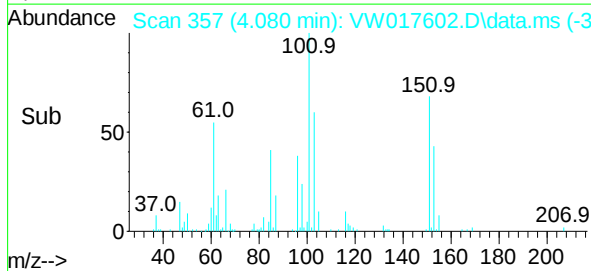
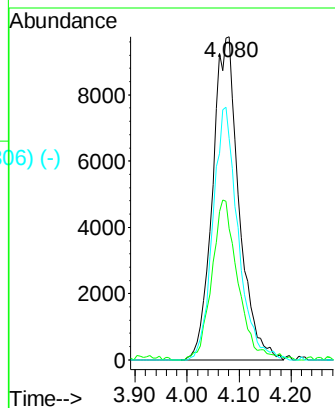
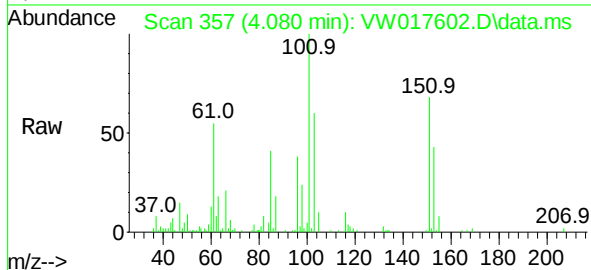
1,1,2-Trichlorotrifluoroethane
 Concen: 10.86 ug/l
 RT: 4.080 min Scan# 357
 Delta R.T. 0.012 min
 Lab File: VW017602.D
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Tgt Ion	Ratio	Lower	Upper
101	100		
85	49.0	33.2	49.8
151	74.5	66.6	100.0

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 ClientSampleId :
 VSTDIC010

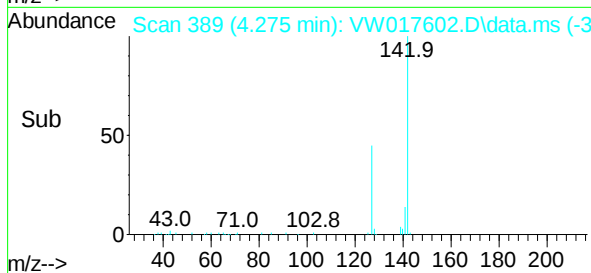
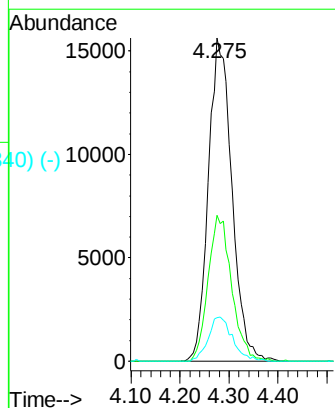
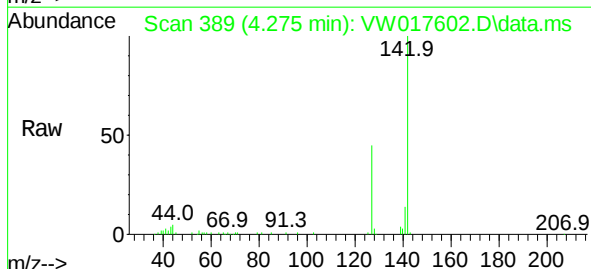
Manual Integrations
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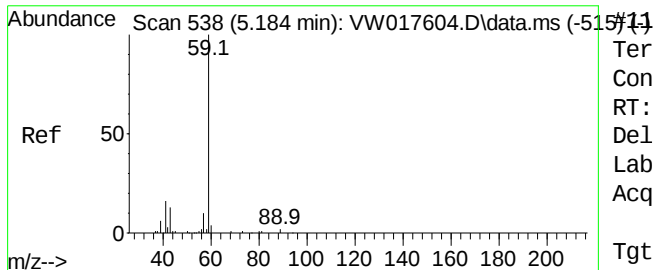
MMDadoda
 12/15/2020 4:50:20 PM



Methyl Iodide
 Concen: 11.00 ug/l
 RT: 4.275 min Scan# 389
 Delta R.T. 0.000 min
 Lab File: VW017602.D
 Acq: 14 Dec 2020 10:26

Tgt Ion	Ratio	Lower	Upper
142	100		
127	45.2	32.4	48.6
141	14.2	11.4	17.0





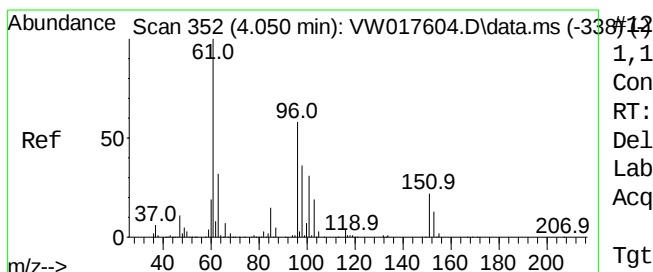
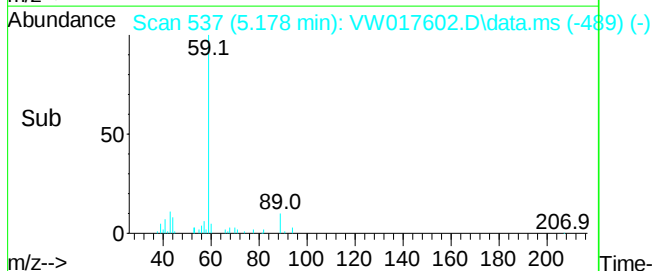
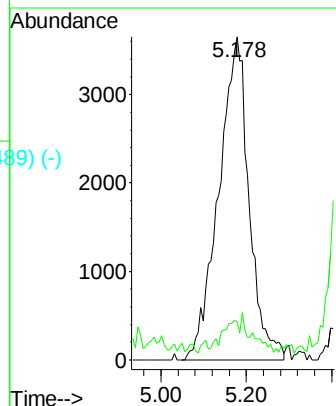
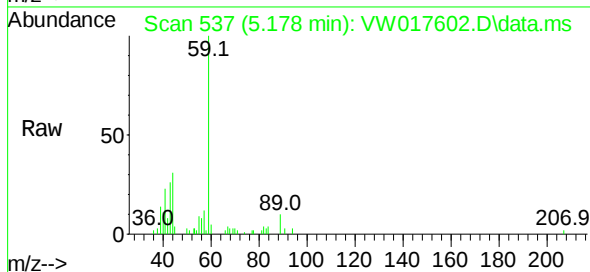
Tert butyl alcohol
Concen: 77.59 ug/l
RT: 5.178 min Scan# 537
Delta R.T. -0.006 min
Lab File: VW017602.D
Acq: 14 Dec 2020 10:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion: 59 Resp: 17952
Ion Ratio Lower Upper
59 100
57 4.7 4.7 7.1#

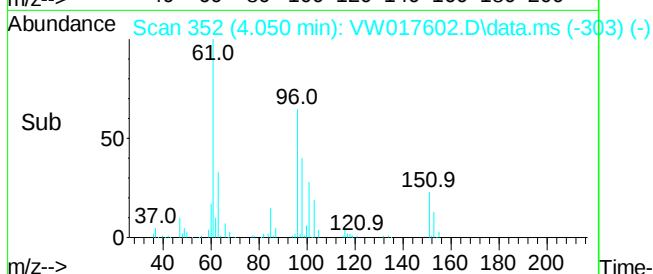
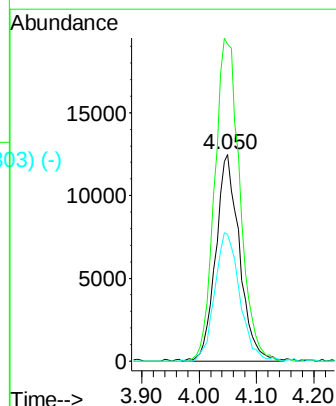
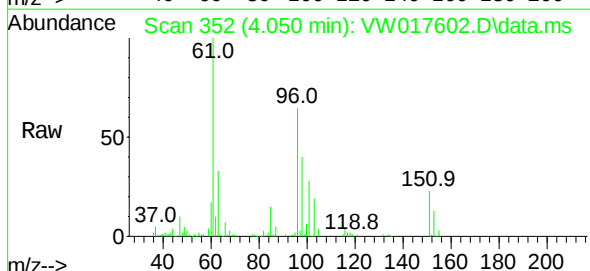
Manual Integrations
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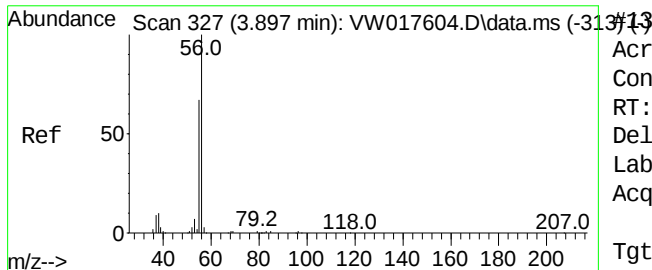
MMDadoda
12/15/2020 4:50:20 PM



1,1-Dichloroethene
Concen: 11.30 ug/l
RT: 4.050 min Scan# 352
Delta R.T. 0.000 min
Lab File: VW017602.D
Acq: 14 Dec 2020 10:26

Tgt Ion: 96 Resp: 35732
Ion Ratio Lower Upper
96 100
61 153.3 111.7 167.5
98 61.2 49.0 73.4





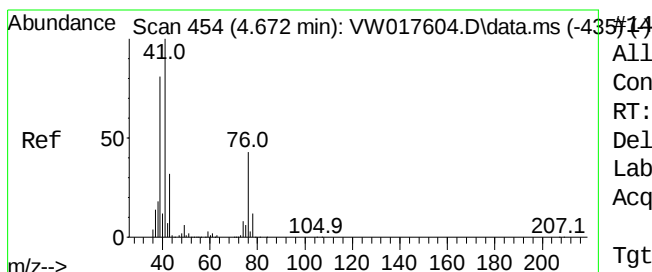
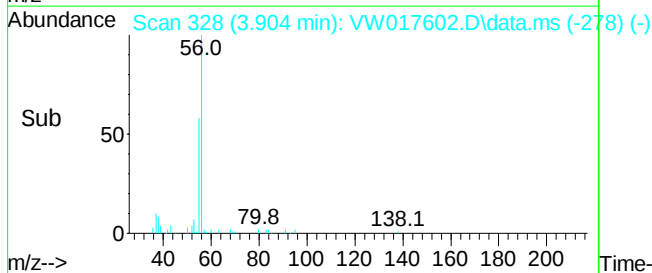
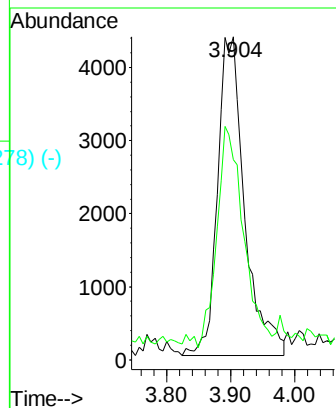
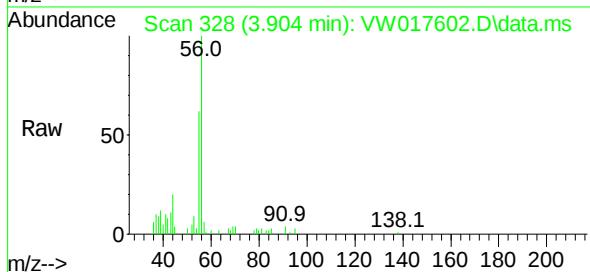
#13
Acrolein
Concen: 62.93 ug/l
RT: 3.904 min Scan# 328
Delta R.T. 0.006 min
Lab File: VW017602.D
Acq: 14 Dec 2020 10:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion: 56 Resp: 12803
Ion Ratio Lower Upper
56 100
55 68.2 55.9 83.9

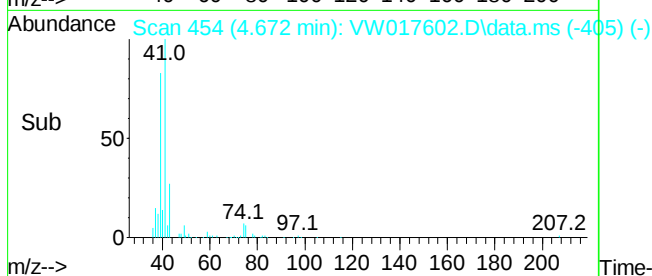
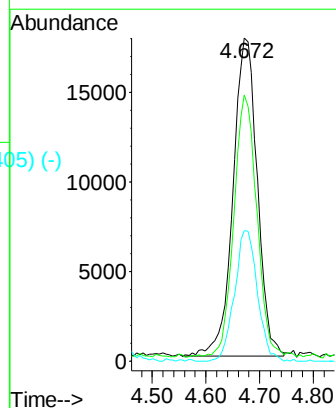
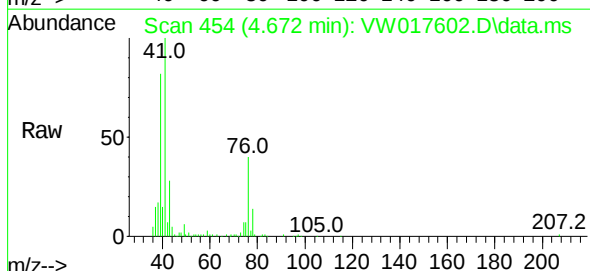
Manual Integrations
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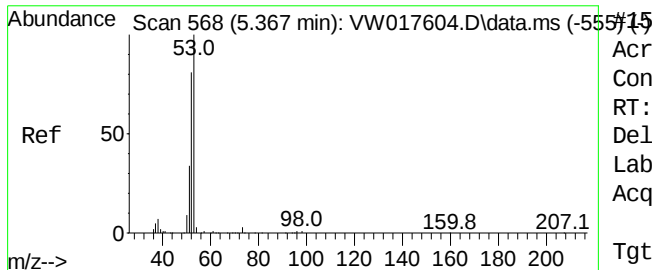
MMDadoda
12/15/2020 4:50:20 PM



#14
Allyl chloride
Concen: 11.97 ug/l
RT: 4.672 min Scan# 454
Delta R.T. 0.000 min
Lab File: VW017602.D
Acq: 14 Dec 2020 10:26

Tgt Ion: 41 Resp: 55567
Ion Ratio Lower Upper
41 100
39 76.8 57.8 86.8
76 38.6 35.1 52.7





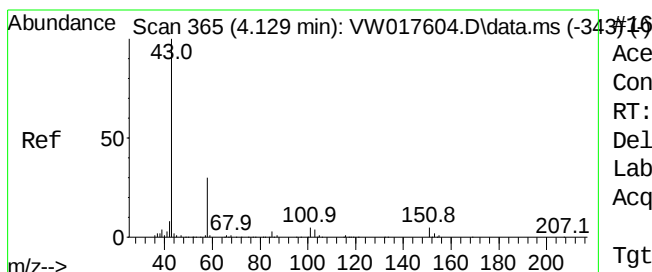
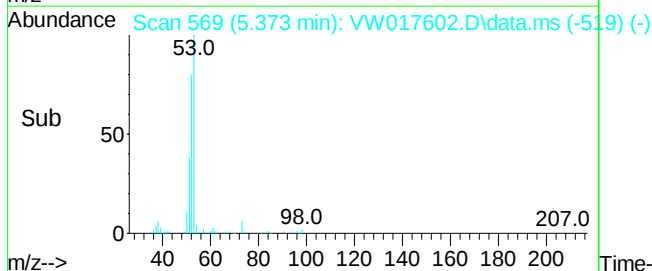
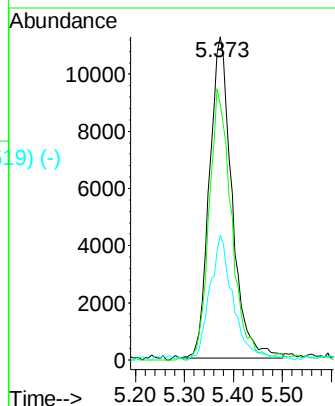
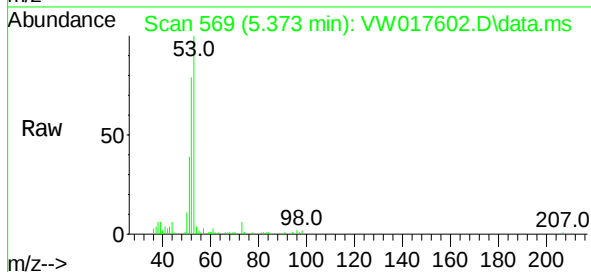
Acrylonitrile
Concen: 56.09 ug/l
RT: 5.373 min Scan# 569
Delta R.T. 0.006 min
Lab File: VW017602.D
Acq: 14 Dec 2020 10:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion:	53	Resp:	35877
Ion	Ratio	Lower	Upper
53	100		
52	83.6	65.0	97.4
51	40.1	29.1	43.7

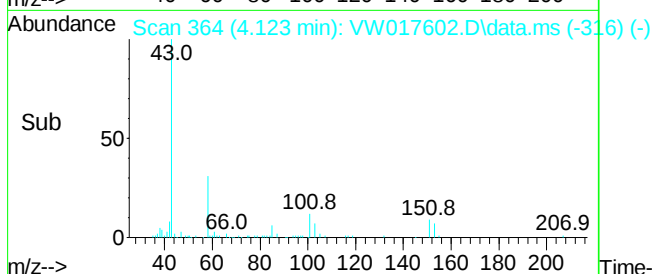
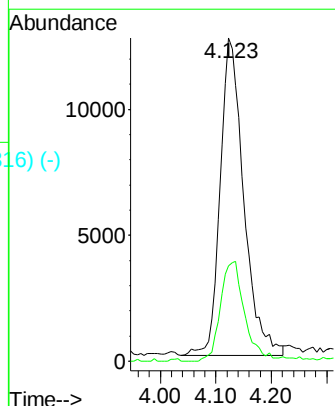
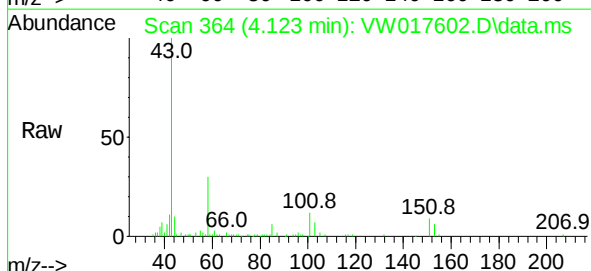
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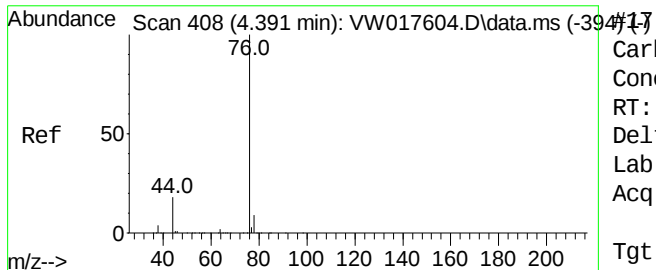
MMDadoda
12/15/2020 4:50:20 PM



Acetone
Concen: 57.77 ug/l
RT: 4.123 min Scan# 364
Delta R.T. -0.006 min
Lab File: VW017602.D
Acq: 14 Dec 2020 10:26

Tgt Ion:	43	Resp:	37249
Ion	Ratio	Lower	Upper
43	100		
58	30.0	25.7	38.5





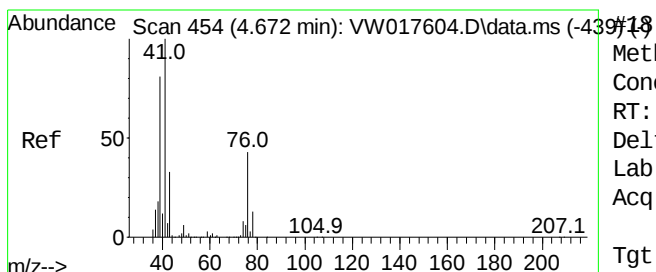
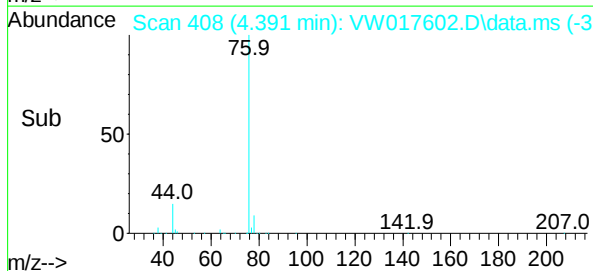
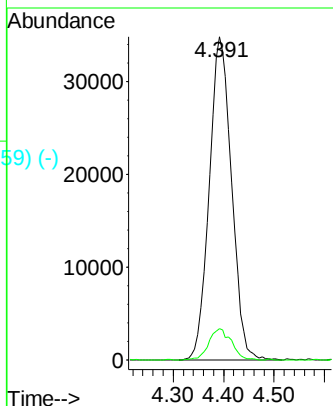
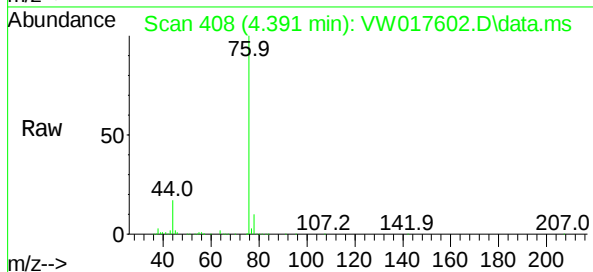
Carbon Disulfide
Concen: 11.51 ug/l
RT: 4.391 min Scan# 408
Delta R.T. 0.000 min
Lab File: VW017602.D
Acq: 14 Dec 2020 10:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion: 76 Resp: 106774
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.2

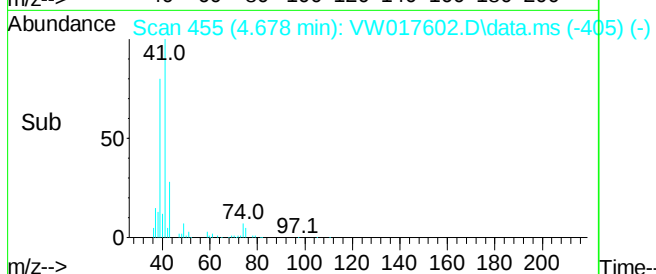
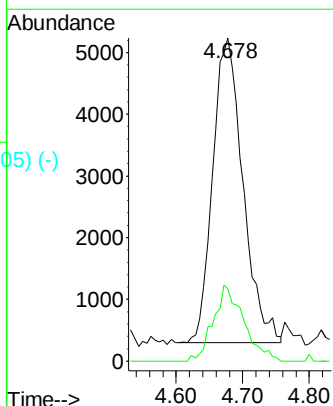
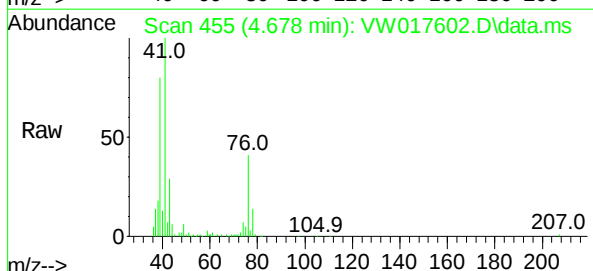
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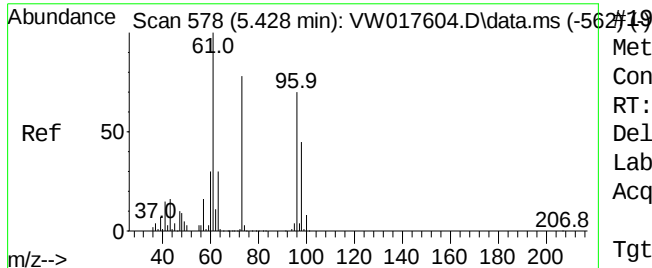
MMDadoda
12/15/2020 4:50:20 PM



Methyl Acetate
Concen: 11.29 ug/l
RT: 4.678 min Scan# 455
Delta R.T. 0.006 min
Lab File: VW017602.D
Acq: 14 Dec 2020 10:26

Tgt Ion: 43 Resp: 15585
Ion Ratio Lower Upper
43 100
74 25.0 23.8 35.6





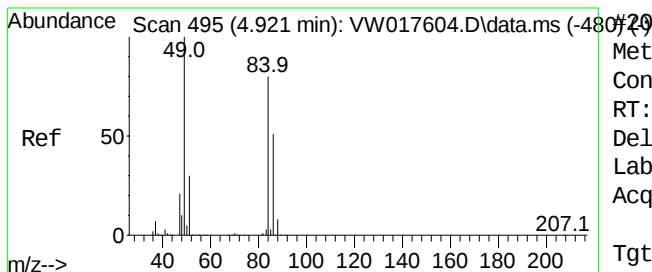
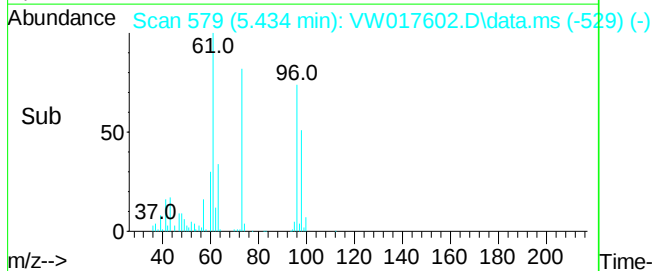
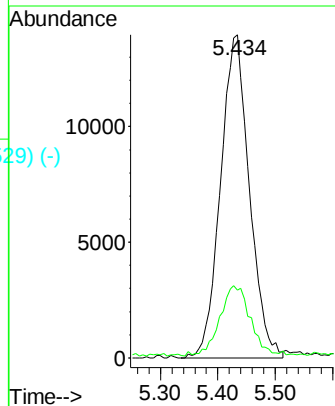
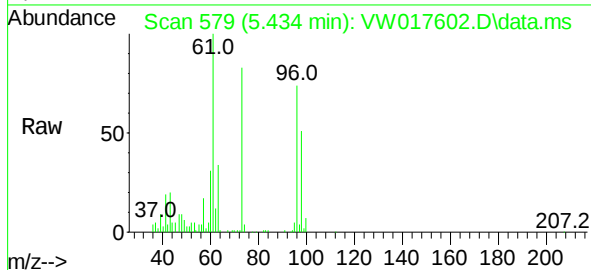
Methyl tert-butyl Ether
Concen: 12.54 ug/l
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW017602.D
Acq: 14 Dec 2020 10:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion: 73 Resp: 48589
Ion Ratio Lower Upper
73 100
57 20.1 16.1 24.1

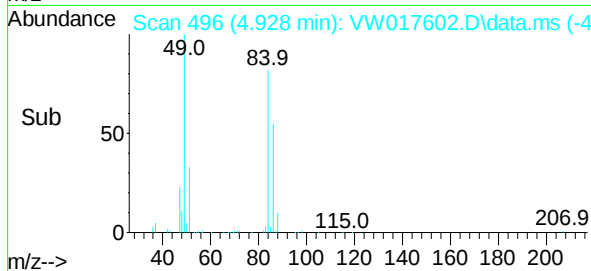
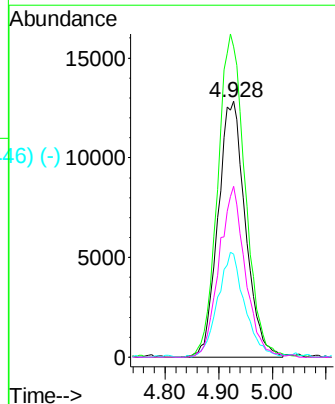
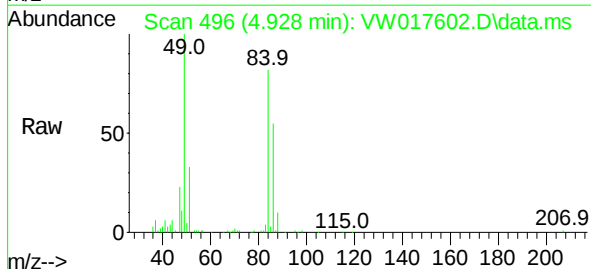
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APPROVED

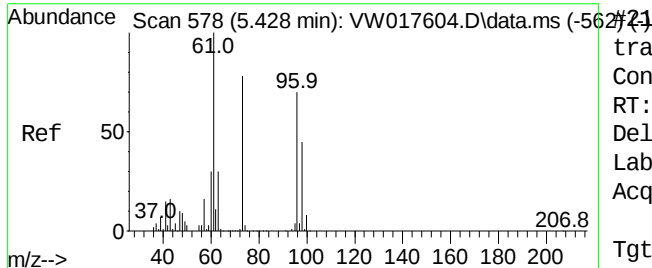
MMDadoda
12/15/2020 4:50:20 PM



Methylene Chloride
Concen: 11.58 ug/l
RT: 4.928 min Scan# 496
Delta R.T. 0.006 min
Lab File: VW017602.D
Acq: 14 Dec 2020 10:26

Tgt Ion: 84 Resp: 45463
Ion Ratio Lower Upper
84 100
49 121.3 79.0 118.6#
51 40.2 26.1 39.1#
86 66.8 50.1 75.1





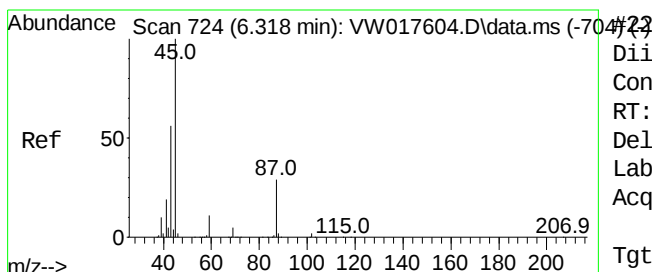
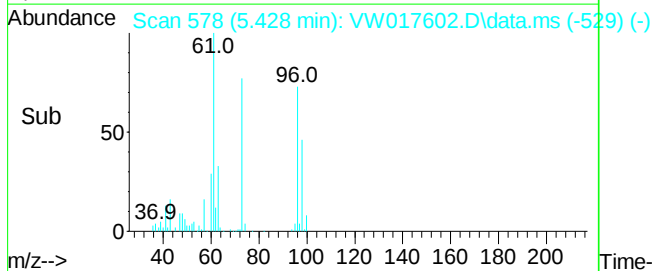
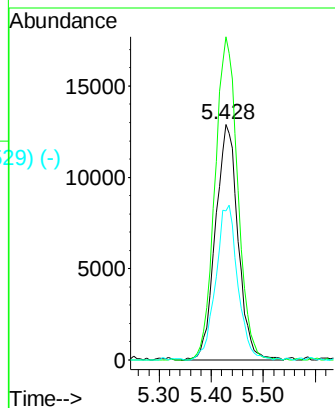
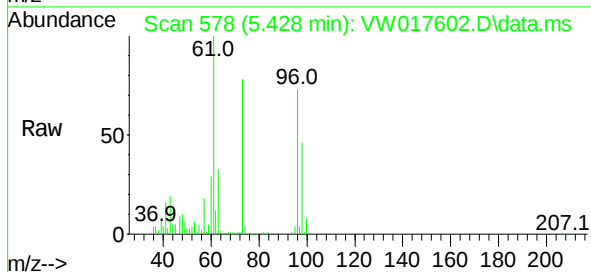
trans-1,2-Dichloroethene
Concen: 11.23 ug/l
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW017602.D
Acq: 14 Dec 2020 10:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion: 96 Resp: 39245
Ion Ratio Lower Upper
96 100
61 137.2 97.4 146.0
98 63.3 49.4 74.0

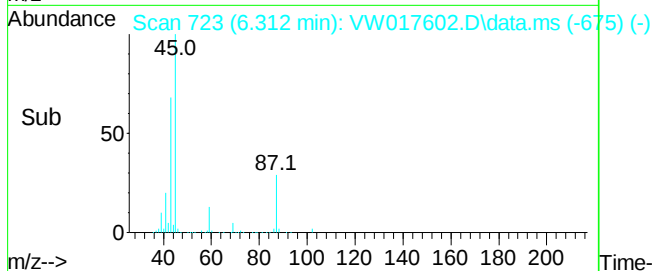
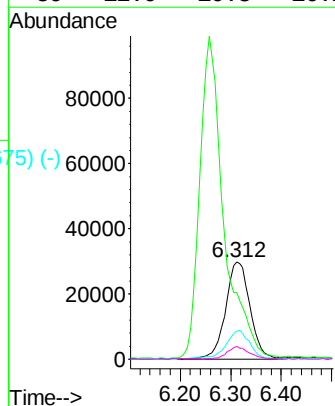
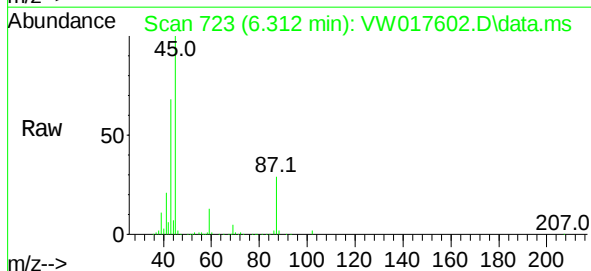
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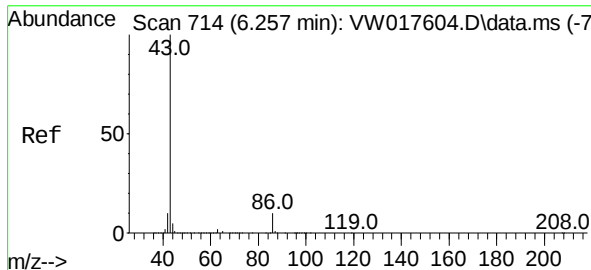
MMDadoda
12/15/2020 4:50:20 PM



Diisopropyl ether
Concen: 11.78 ug/l
RT: 6.312 min Scan# 723
Delta R.T. -0.006 min
Lab File: VW017602.D
Acq: 14 Dec 2020 10:26

Tgt Ion: 45 Resp: 100134
Ion Ratio Lower Upper
45 100
43 65.9 43.8 65.8#
87 28.3 27.6 41.4
59 12.9 10.8 16.2





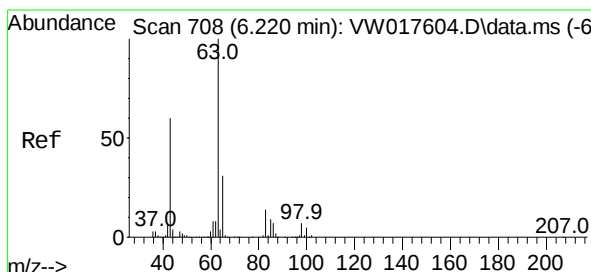
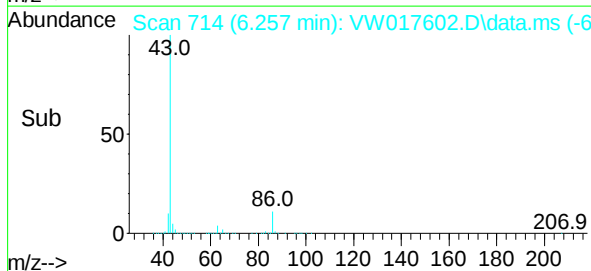
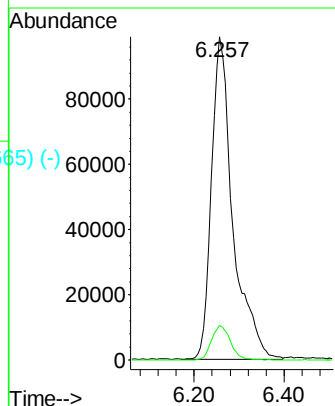
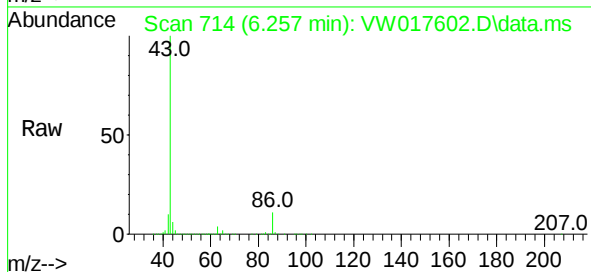
Vinyl Acetate
Concen: 61.17 ug/l
RT: 6.257 min Scan# 714
Delta R.T. 0.000 min
Lab File: VW017602.D
Acq: 14 Dec 2020 10:26

Tgt Ion: 43 Resp: 326560
Ion Ratio Lower Upper
43 100
86 10.7 10.2 15.4

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

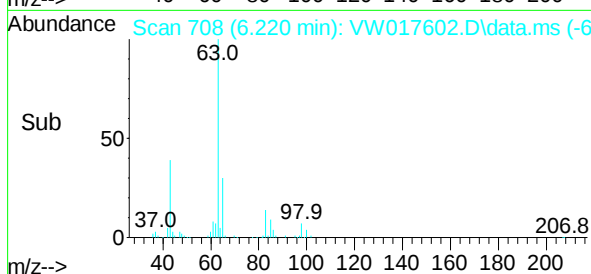
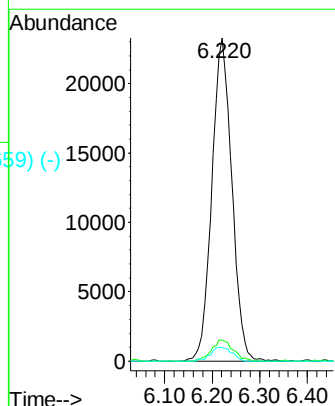
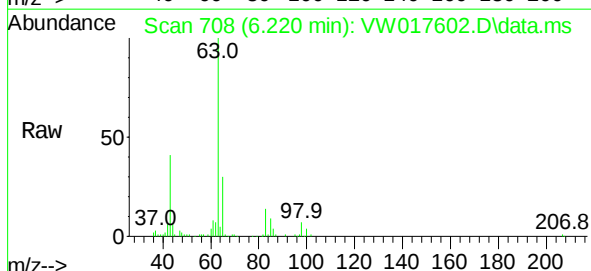
Manual Integrations
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12/15/2020 4:50:20 PM



1,1-Dichloroethane
Concen: 11.65 ug/l
RT: 6.220 min Scan# 708
Delta R.T. 0.000 min
Lab File: VW017602.D
Acq: 14 Dec 2020 10:26

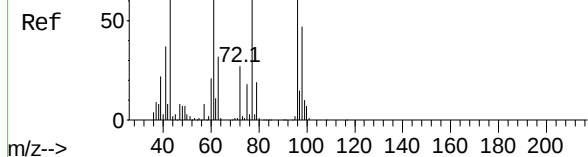
Tgt Ion: 63 Resp: 68263
Ion Ratio Lower Upper
63 100
98 6.5 4.2 12.6
100 4.1 2.6 7.8



Abundance Scan 865 (7.177 min): VW017604.D\data.ms (-849.25)

2-Butanone
Concen: 60.02 ug/l
RT: 7.177 min Scan# 865
Delta R.T. 0.000 min
Lab File: VW017602.D
Acq: 14 Dec 2020 10:26

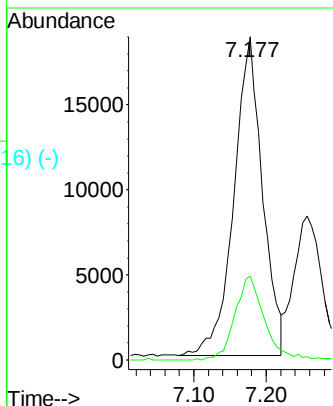
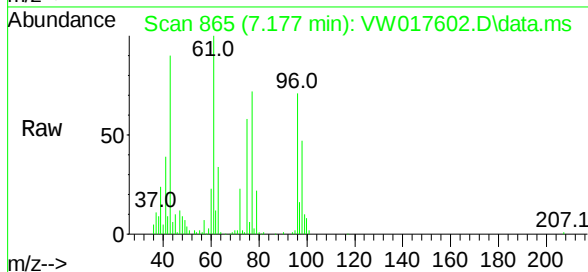
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010



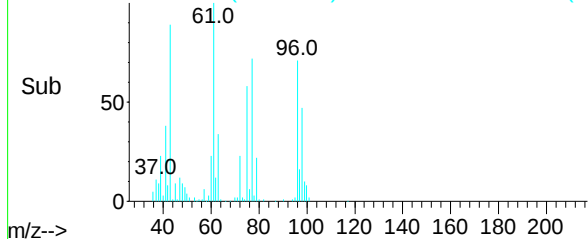
Tgt Ion: 43 Resp: 51685
Ion Ratio Lower Upper
43 100
72 26.3 25.4 38.2

Manual Integrations
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MMDadoda
12/15/2020 4:50:20 PM



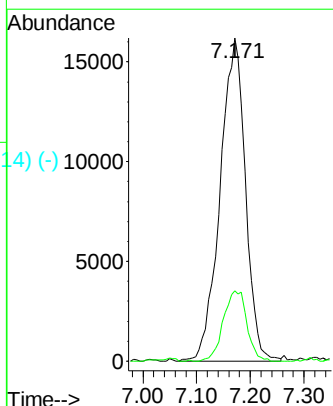
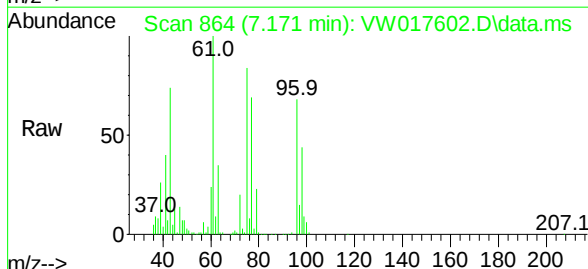
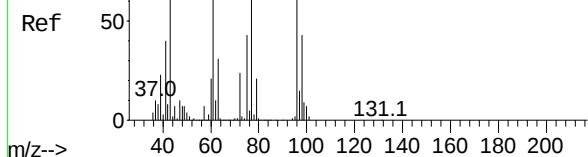
Abundance Scan 865 (7.177 min): VW017602.D\data.ms (-81.6) (-)



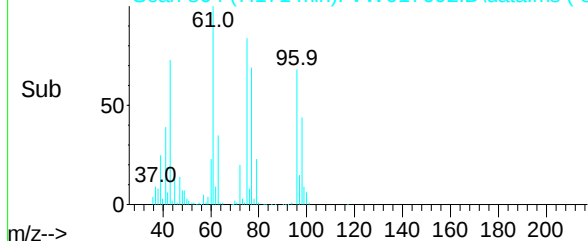
Abundance Scan 863 (7.165 min): VW017604.D\data.ms (-849.25)

2,2-Dichloropropane
Concen: 13.28 ug/l
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW017602.D
Acq: 14 Dec 2020 10:26

Tgt Ion: 77 Resp: 53107
Ion Ratio Lower Upper
77 100
97 20.1 12.4 37.4

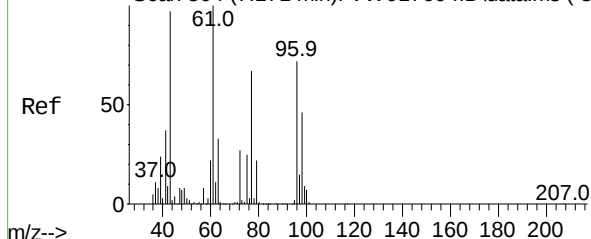


Abundance Scan 864 (7.171 min): VW017602.D\data.ms (-81.4) (-)



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

cis-1,2-Dichloroethene
Concen: 11.55 ug/l
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW017602.D
Acq: 14 Dec 2020 10:26

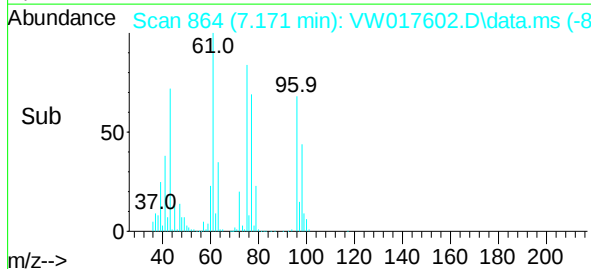
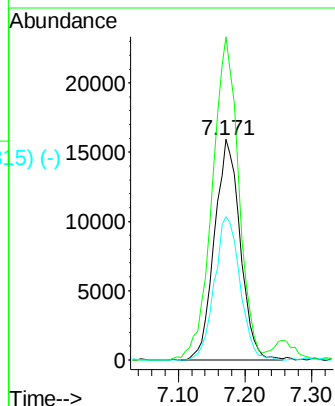
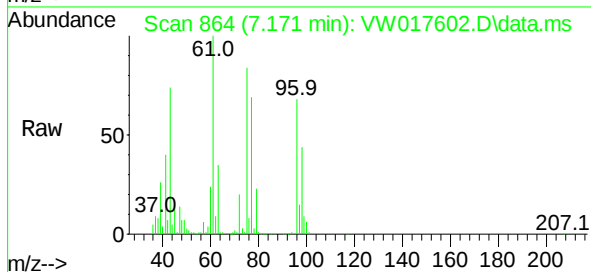


Tgt Ion:	96	Resp:	42658
Ion	Ratio	Lower	Upper
96	100		
61	150.9	0.0	249.6
98	64.5	0.0	129.4

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

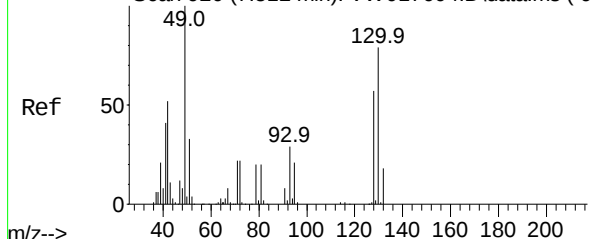
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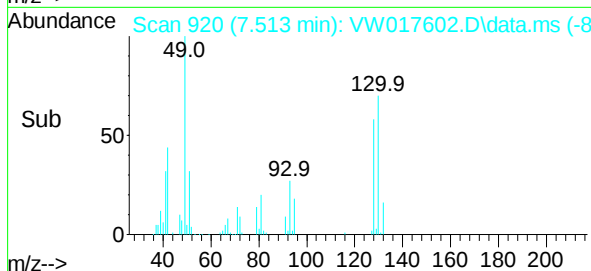
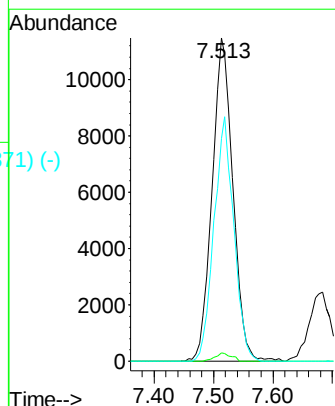
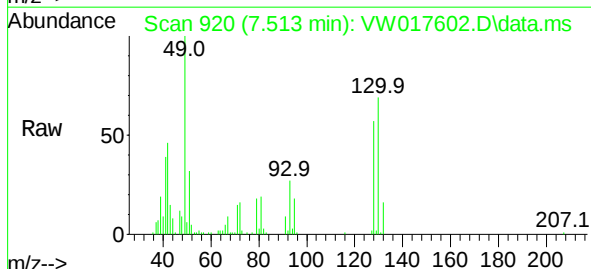


Abundance Scan 920 (7.512 min): VW017604.D\data.ms (-907#28)

Bromochloromethane
Concen: 11.17 ug/l
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW017602.D
Acq: 14 Dec 2020 10:26



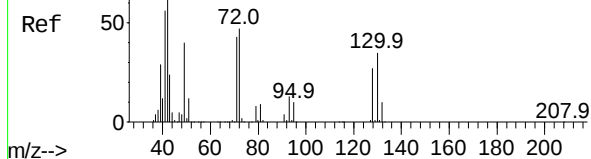
Tgt Ion:	49	Resp:	27838
Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.8
130	72.4	81.3	121.9#



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

Tetrahydrofuran
Concen: 59.99 ug/l
RT: 7.531 min Scan# 923
Delta R.T. -0.006 min
Lab File: VW017602.D
Acq: 14 Dec 2020 10:26

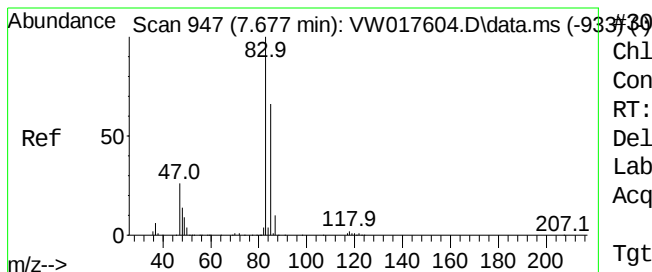
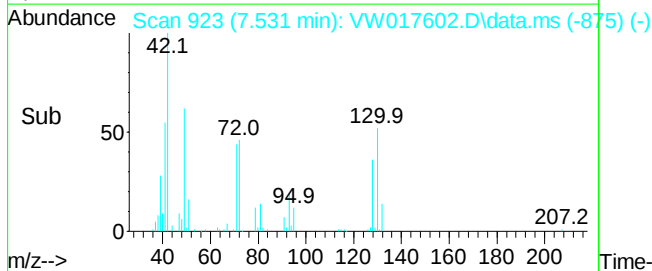
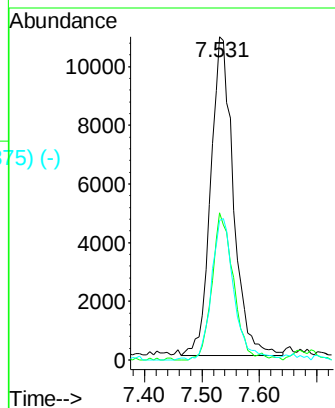
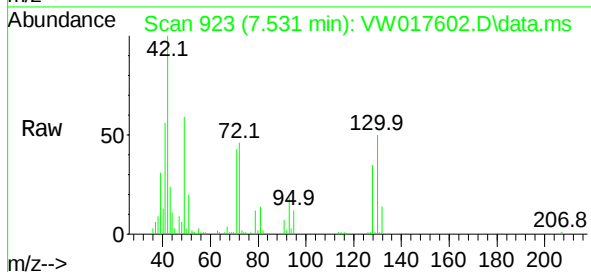
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010



Tgt Ion:	42	Resp:	29844
Ion	Ratio	Lower	Upper
42	100		
72	42.8	42.0	63.0
71	43.7	39.0	58.6

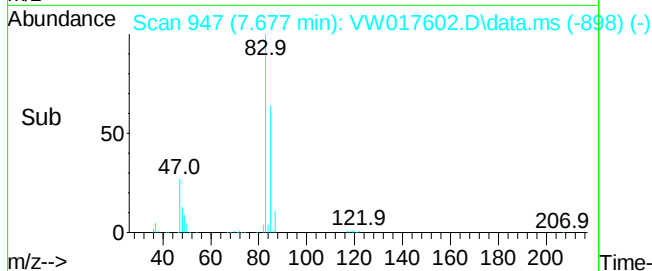
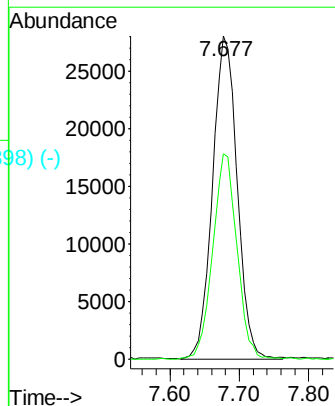
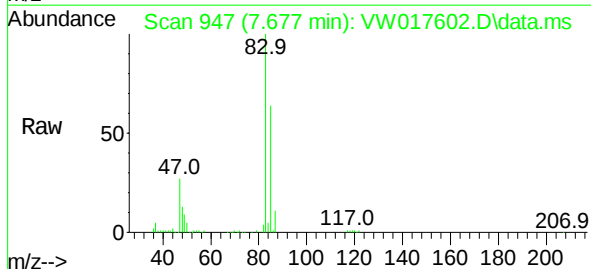
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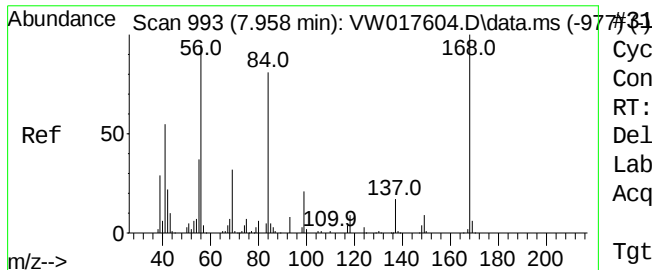
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Chloroform
Concen: 11.40 ug/l
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW017602.D
Acq: 14 Dec 2020 10:26

Tgt Ion:	83	Resp:	69309
Ion	Ratio	Lower	Upper
83	100		
85	63.4	51.7	77.5





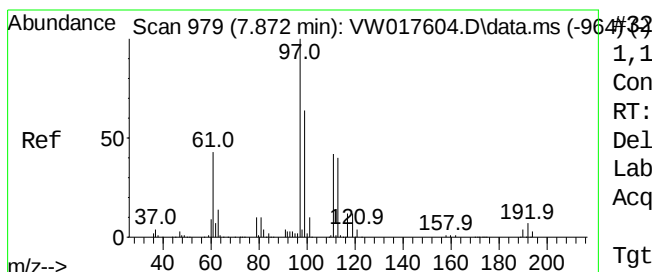
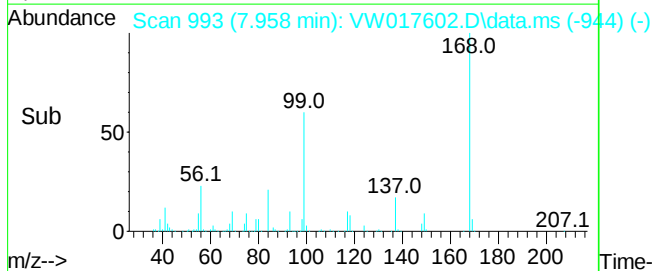
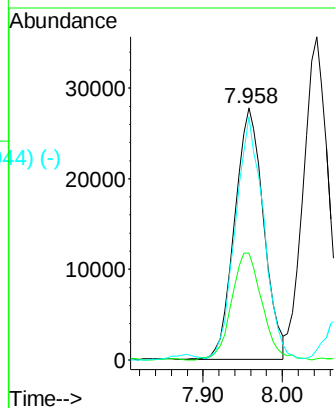
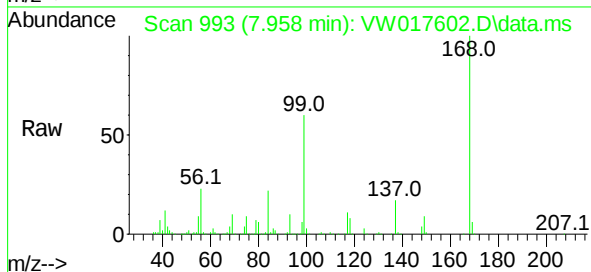
Cyclohexane
Concen: 12.58 ug/l
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW017602.D
Acq: 14 Dec 2020 10:26

Tgt Ion:	56	Resp:	70340
Ion	Ratio	Lower	Upper
56	100		
69	42.2	29.3	43.9
84	94.8	80.5	120.7

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

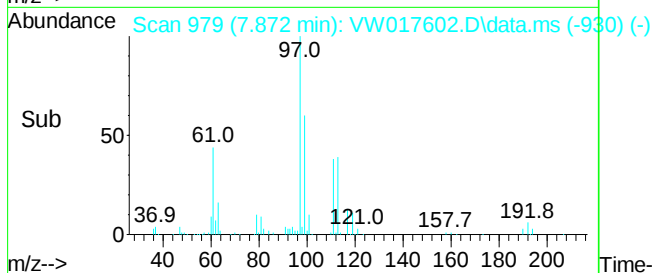
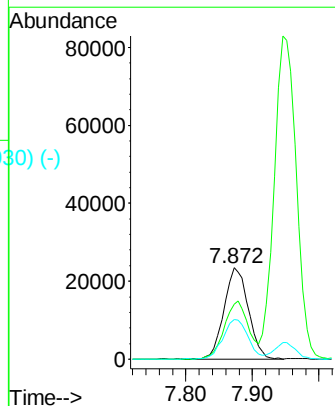
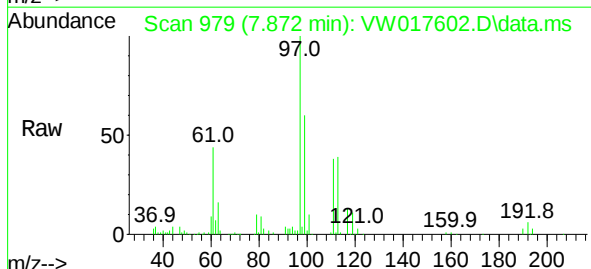
Manual Integrations
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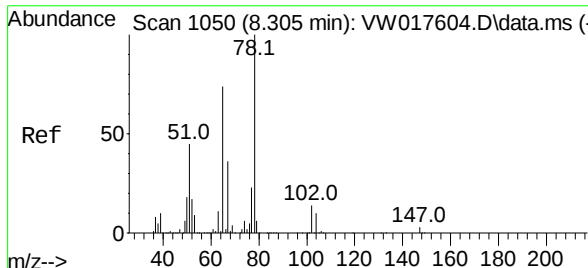
MMDadoda
12/15/2020 4:50:20 PM



1,1,1-Trichloroethane
Concen: 11.50 ug/l
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW017602.D
Acq: 14 Dec 2020 10:26

Tgt Ion:	97	Resp:	59513
Ion	Ratio	Lower	Upper
97	100		
99	63.4	52.4	78.6
61	44.0	31.9	47.9





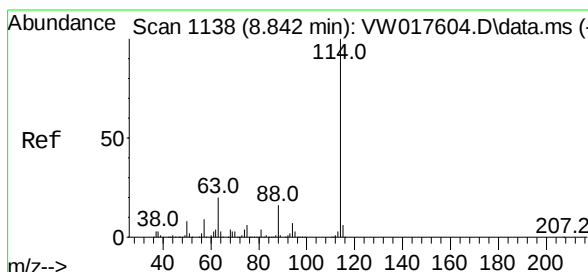
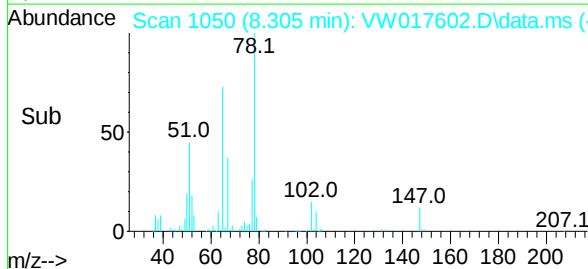
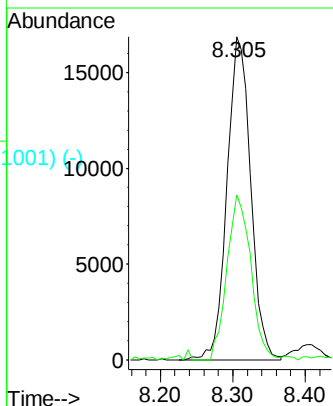
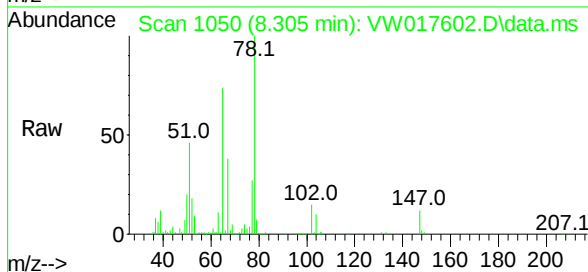
1,2-Dichloroethane-d4
Concen: 11.63 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW017602.D
Acq: 14 Dec 2020 10:26

Tgt Ion: 65 Resp: 38125
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.8

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

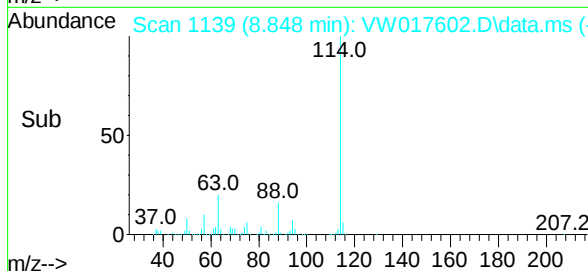
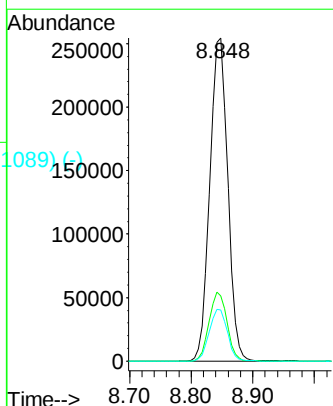
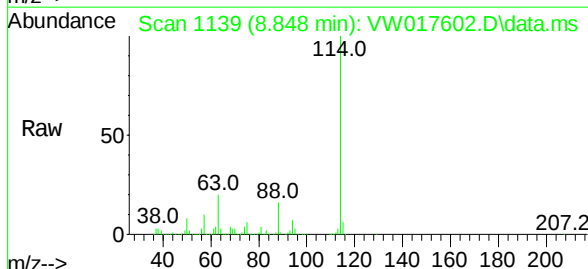
Manual Integrations
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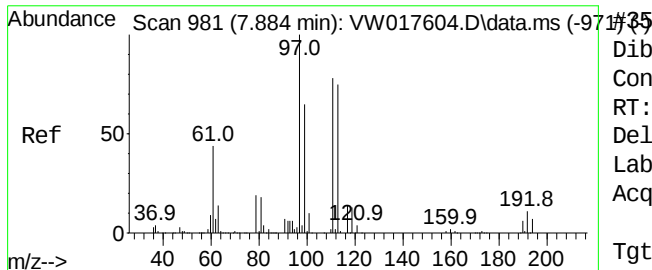
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12/15/2020 4:50:20 PM



1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.848 min Scan# 1139
Delta R.T. 0.006 min
Lab File: VW017602.D
Acq: 14 Dec 2020 10:26

Tgt Ion:114 Resp: 514181
Ion Ratio Lower Upper
114 100
63 20.2 0.0 35.6
88 15.8 0.0 30.4





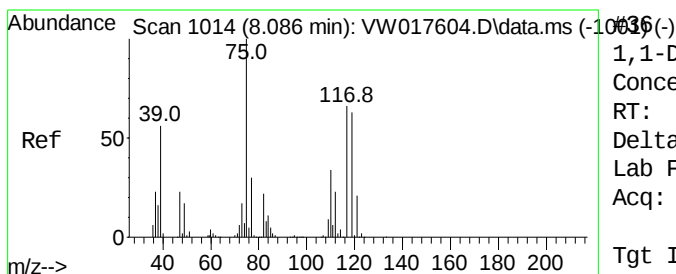
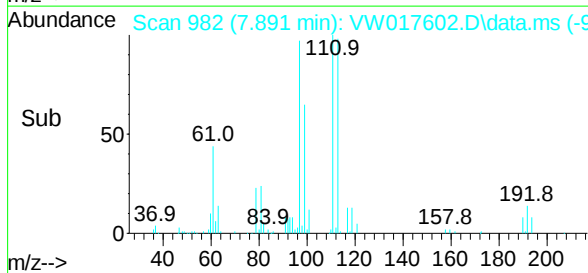
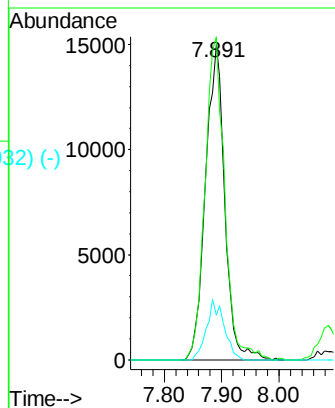
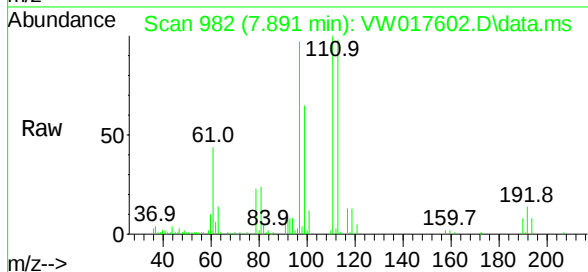
Dibromofluoromethane
Concen: 10.61 ug/l
RT: 7.891 min Scan# 982
Delta R.T. 0.006 min
Lab File: VW017602.D
Acq: 14 Dec 2020 10:26

Tgt Ion:113 Resp: 35010
Ion Ratio Lower Upper
113 100
111 104.4 81.4 122.2
192 17.6 17.8 26.8#

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

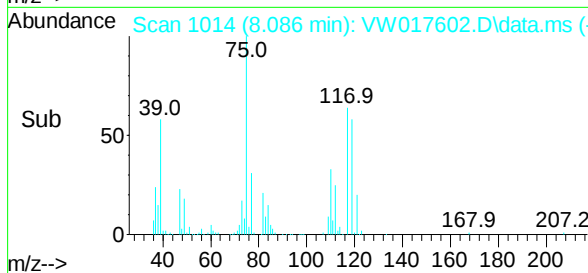
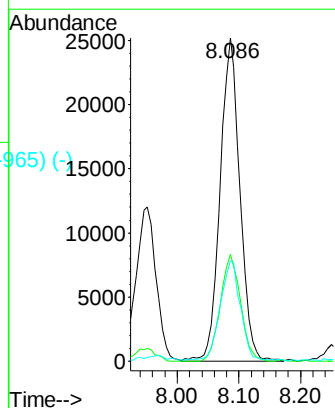
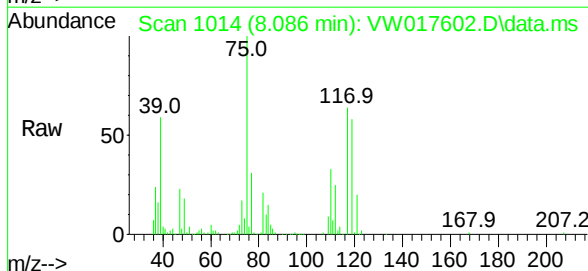
Manual Integrations
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1,1-Dichloropropene
Concen: 10.99 ug/l
RT: 8.086 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW017602.D
Acq: 14 Dec 2020 10:26

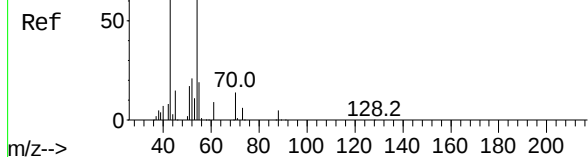
Tgt Ion: 75 Resp: 56378
Ion Ratio Lower Upper
75 100
110 33.6 19.3 57.9
77 31.1 25.0 37.6



Abundance Scan 877 (7.250 min): VW017604.D\data.ms (-872#37)

Ethyl Acetate
Concen: 11.72 ug/l
RT: 7.257 min Scan# 878
Delta R.T. 0.006 min
Lab File: VW017602.D
Acq: 14 Dec 2020 10:26

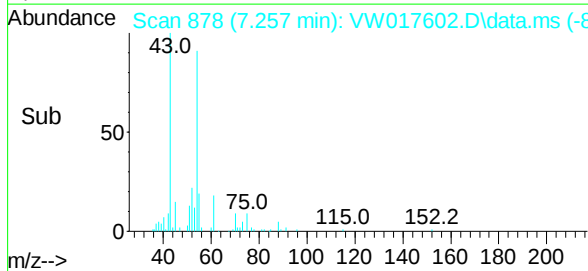
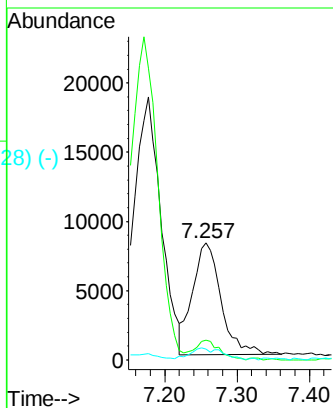
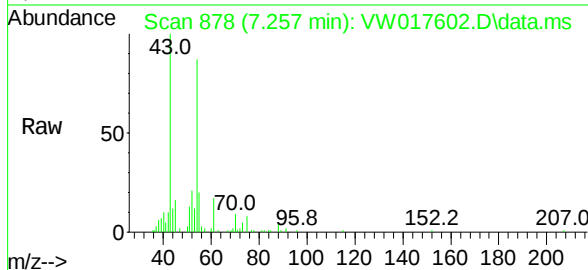
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010



Tgt Ion:	43	Resp:	22320
Ion	Ratio	Lower	Upper
43	100		
61	15.1	12.0	18.0
70	5.8	9.9	14.9#

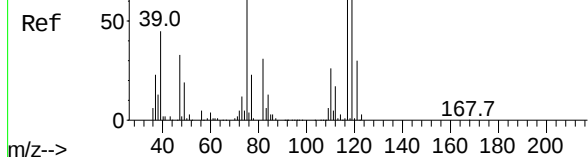
Manual Integrations
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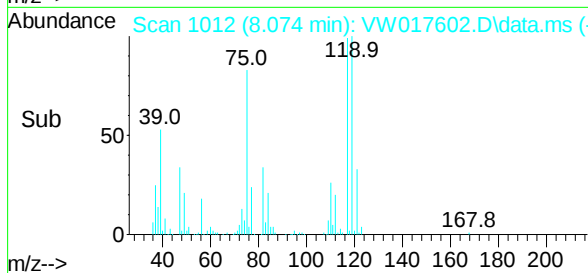
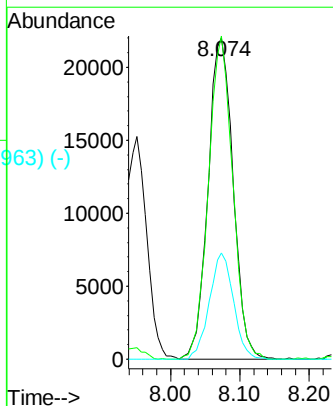
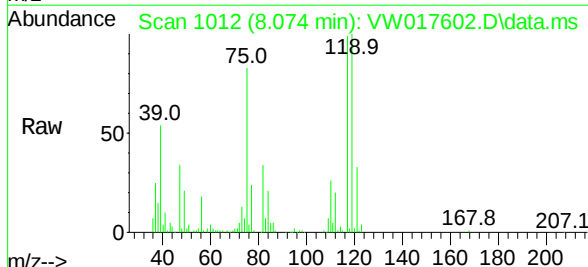


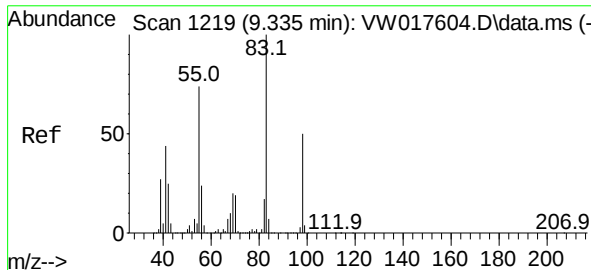
Abundance Scan 1012 (8.073 min): VW017604.D\data.ms (-1003#38)

Carbon Tetrachloride
Concen: 10.33 ug/l
RT: 8.074 min Scan# 1012
Delta R.T. 0.000 min
Lab File: VW017602.D
Acq: 14 Dec 2020 10:26



Tgt Ion:	117	Resp:	55263
Ion	Ratio	Lower	Upper
117	100		
119	100.7	81.6	122.4
121	33.0	25.7	38.5





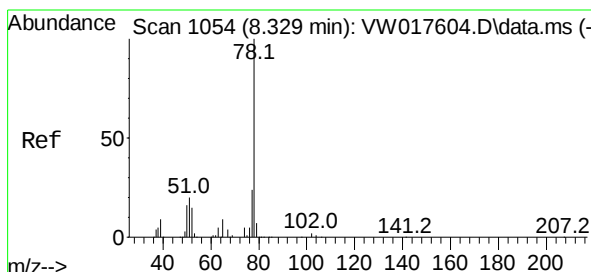
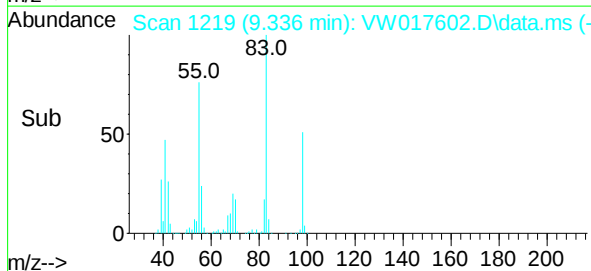
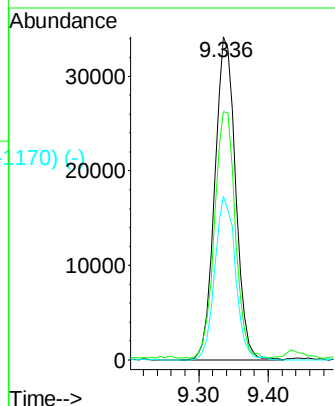
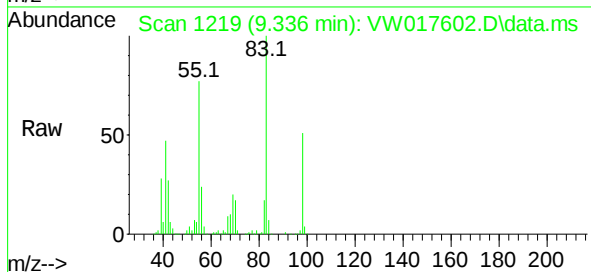
Methylcyclohexane
Concen: 11.53 ug/l
RT: 9.336 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW017602.D
Acq: 14 Dec 2020 10:26

Tgt Ion:	83	Resp:	71179
Ion	Ratio	Lower	Upper
83	100		
55	76.2	51.7	77.5
98	50.7	41.0	61.4

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

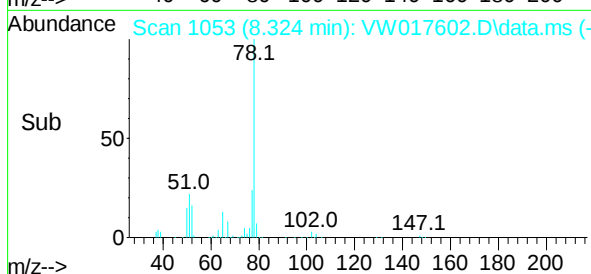
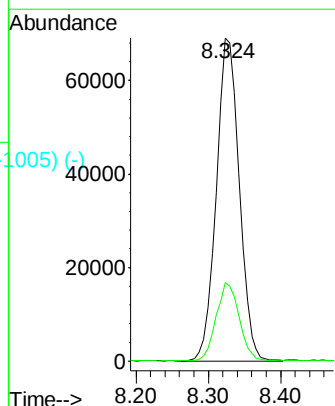
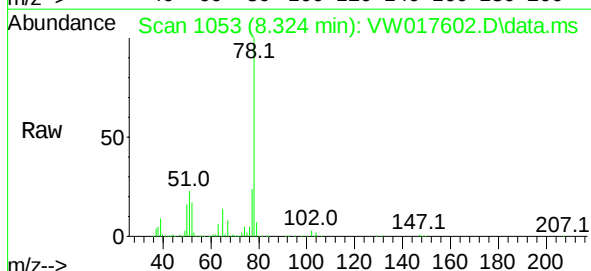
Manual Integrations
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Benzene
Concen: 10.85 ug/l
RT: 8.324 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VW017602.D
Acq: 14 Dec 2020 10:26

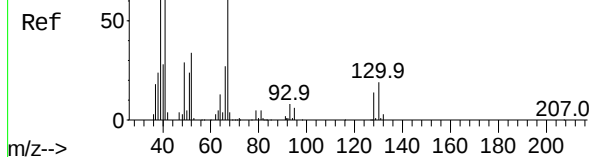
Tgt Ion:	78	Resp:	151688
Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.5	27.7



Abundance Scan 915 (7.482 min): VW017604.D\data.ms (-905741)

Methacrylonitrile
Concen: 10.93 ug/l
RT: 7.488 min Scan# 916
Delta R.T. 0.006 min
Lab File: VW017602.D
Acq: 14 Dec 2020 10:26

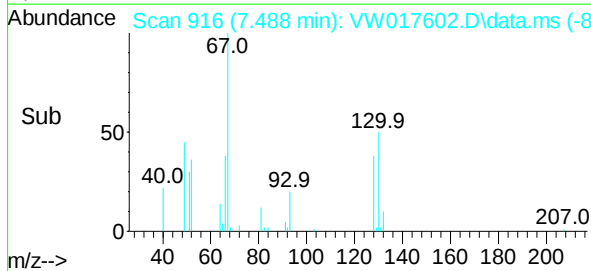
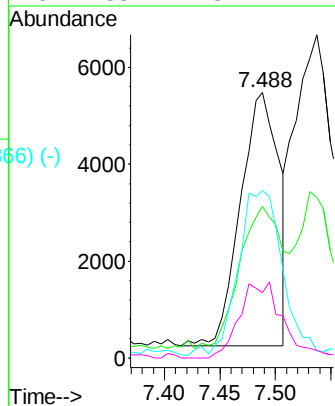
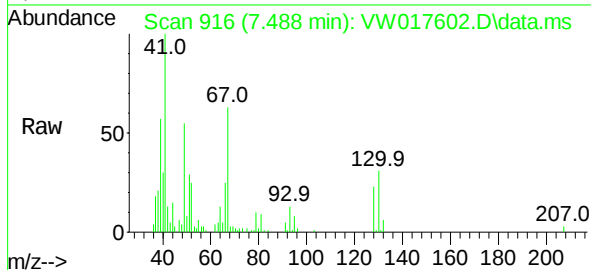
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010



Tgt Ion:	41	Resp:	12596
Ion	Ratio	Lower	Upper
41	100		
39	61.5	47.0	70.6
67	74.8	68.6	102.8
52	33.2	28.1	42.1

Manual Integrations
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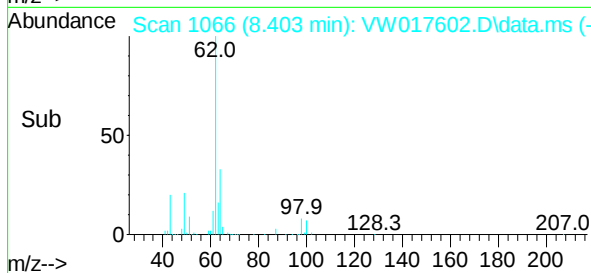
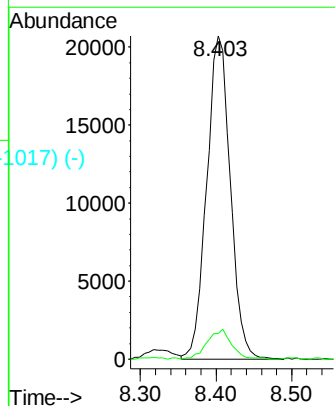
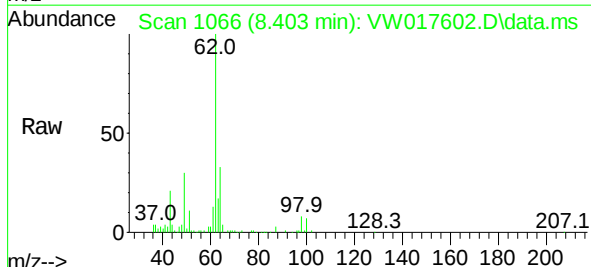
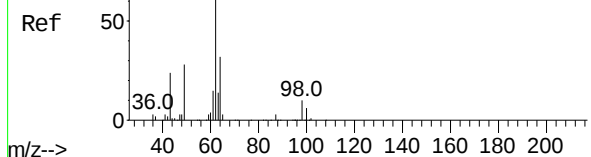
MMDadoda
12/15/2020 4:50:20 PM

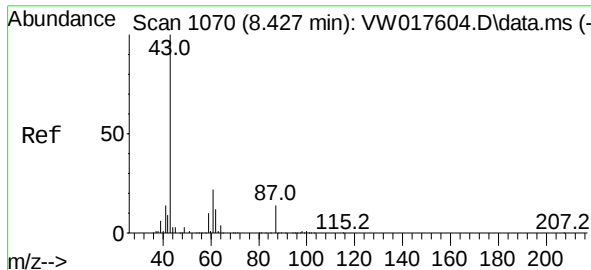


Abundance Scan 1066 (8.403 min): VW017604.D\data.ms (-10542)

1,2-Dichloroethane
Concen: 10.85 ug/l
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW017602.D
Acq: 14 Dec 2020 10:26

Tgt Ion:	62	Resp:	44954
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	21.0





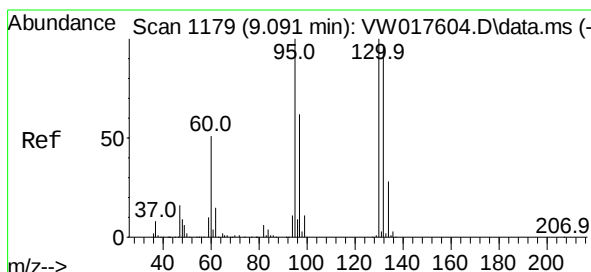
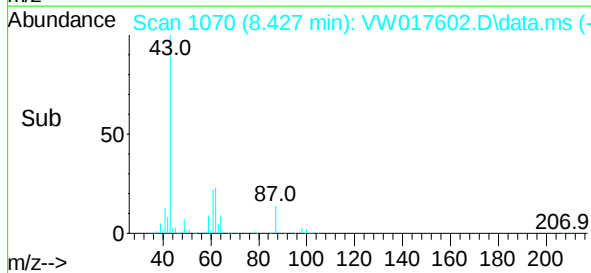
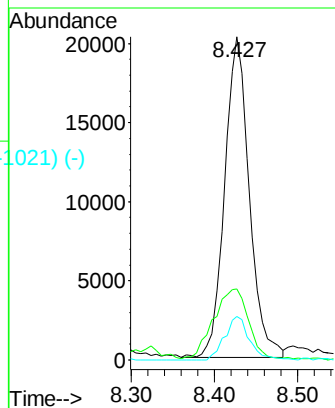
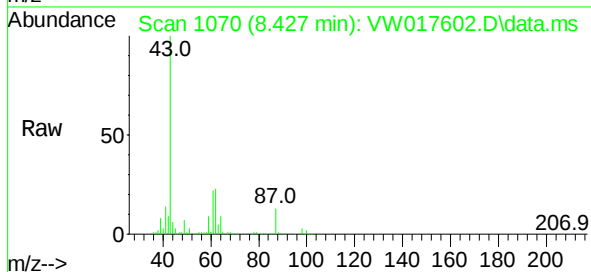
Isopropyl Acetate
Concen: 11.69 ug/l
RT: 8.427 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW017602.D
Acq: 14 Dec 2020 10:26

Tgt Ion: 43 Resp: 41993
Ion Ratio Lower Upper
43 100
61 31.0 27.5 41.3
87 13.6 13.6 20.4#

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

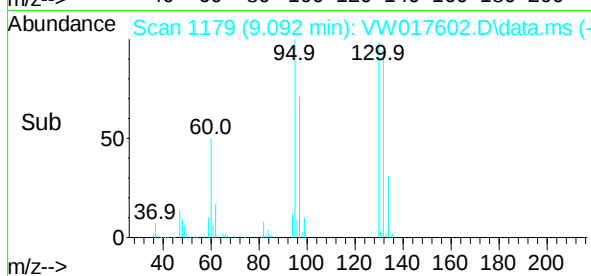
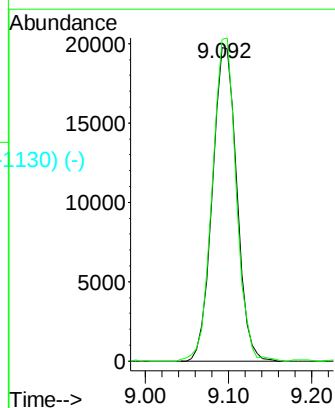
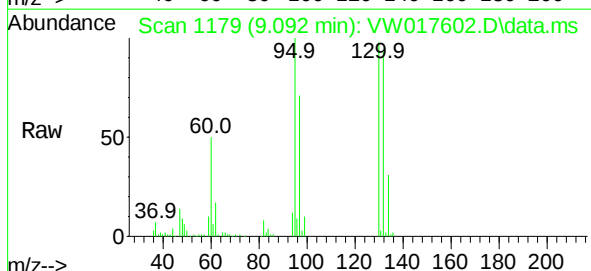
Manual Integrations
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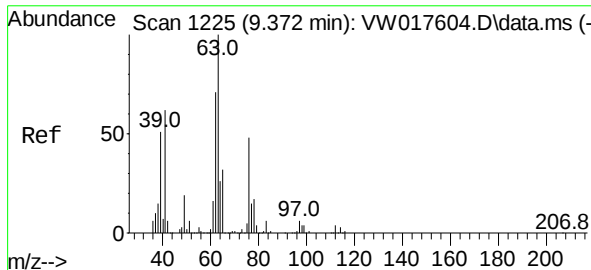
MMDadoda
12/15/2020 4:50:20 PM



Trichloroethene
Concen: 10.12 ug/l
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW017602.D
Acq: 14 Dec 2020 10:26

Tgt Ion:130 Resp: 40409
Ion Ratio Lower Upper
130 100
95 102.5 0.0 180.2





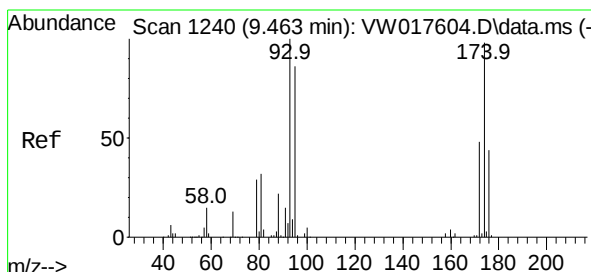
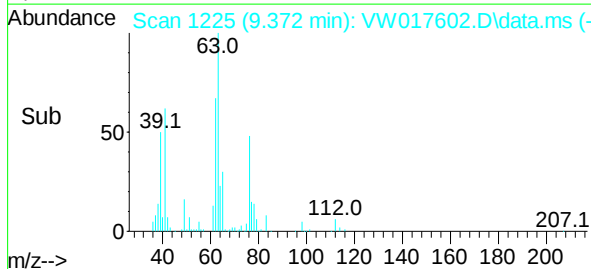
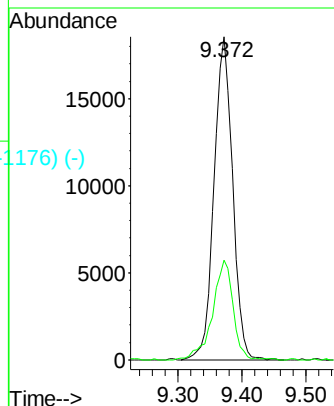
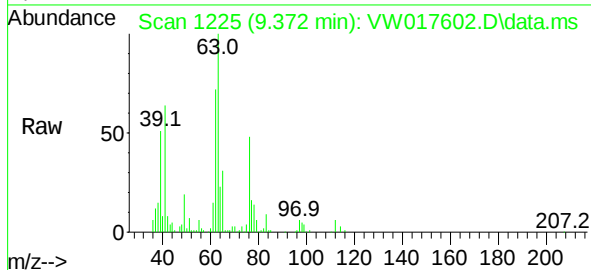
1,2-Dichloropropane
Concen: 10.94 ug/l
RT: 9.372 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VW017602.D
Acq: 14 Dec 2020 10:26

Tgt Ion: 63 Resp: 37171
Ion Ratio Lower Upper
63 100
65 30.8 25.1 37.7

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

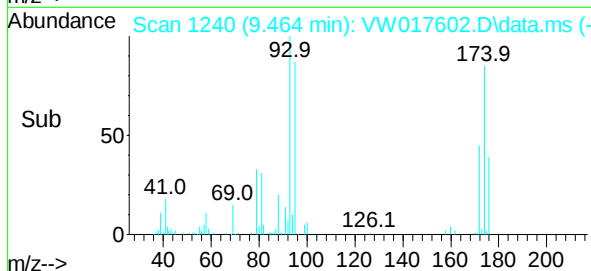
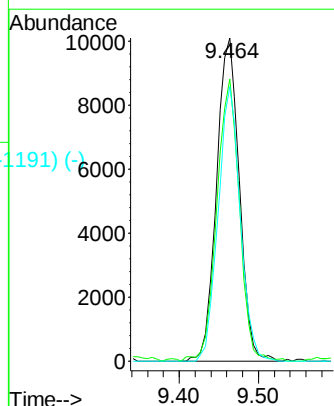
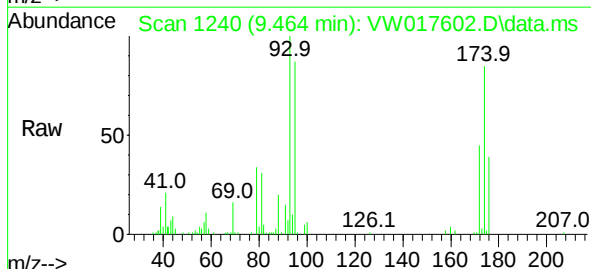
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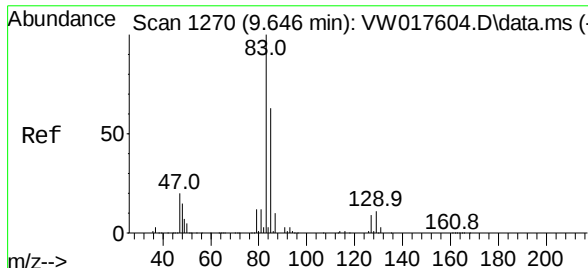
MMDadoda
12/15/2020 4:50:20 PM



Dibromomethane
Concen: 10.92 ug/l
RT: 9.464 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VW017602.D
Acq: 14 Dec 2020 10:26

Tgt Ion: 93 Resp: 20231
Ion Ratio Lower Upper
93 100
95 86.5 66.5 99.7
174 82.4 91.0 136.6#





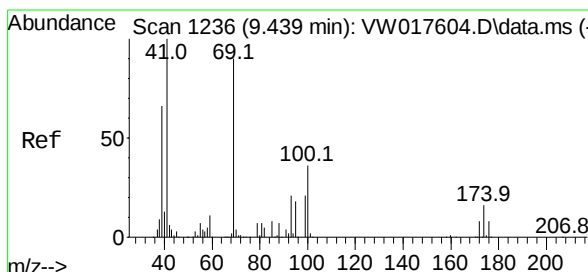
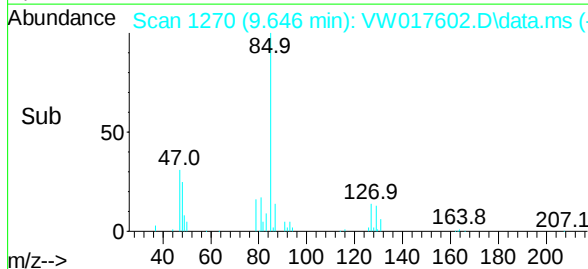
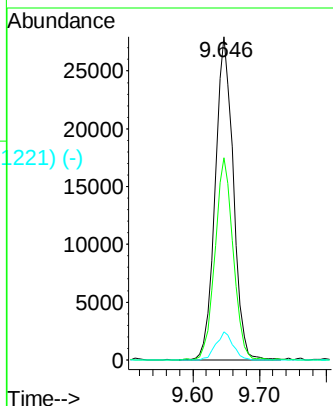
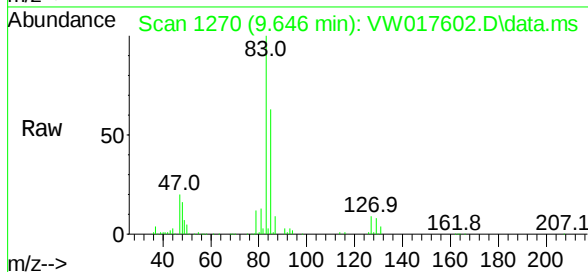
Scan 1270 (9.646 min): VW017604.D\data.ms (-12547) (-)
 Bromodichloromethane
 Concen: 11.04 ug/l
 RT: 9.646 min Scan# 1270
 Delta R.T. 0.000 min
 Lab File: VW017602.D
 Acq: 14 Dec 2020 10:26

Tgt Ion:	83	Resp:	52635
Ion	Ratio	Lower	Upper
83	100		
85	62.6	52.7	79.1
127	8.7	7.8	11.6

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

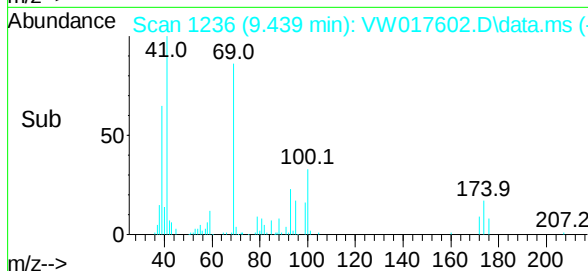
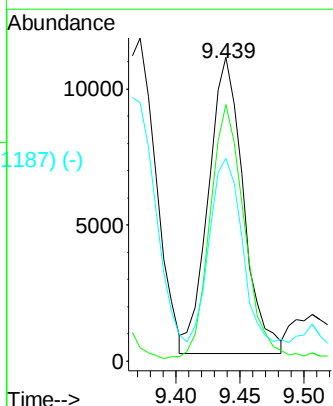
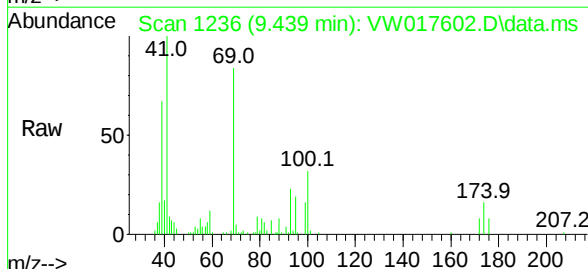
Manual Integrations
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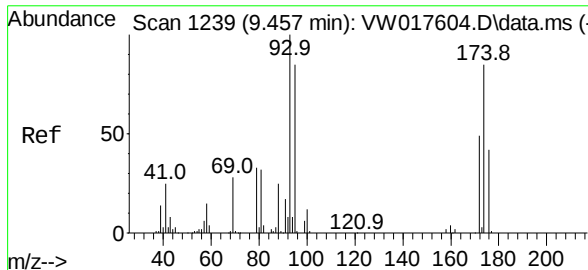
MMDadoda
 12/15/2020 4:50:20 PM



Scan 1236 (9.439 min): VW017604.D\data.ms (-12369) (-)
 Methyl methacrylate
 Concen: 11.21 ug/l
 RT: 9.439 min Scan# 1236
 Delta R.T. 0.000 min
 Lab File: VW017602.D
 Acq: 14 Dec 2020 10:26

Tgt Ion:	41	Resp:	20648
Ion	Ratio	Lower	Upper
41	100		
69	86.2	83.5	125.3
39	59.4	50.9	76.3





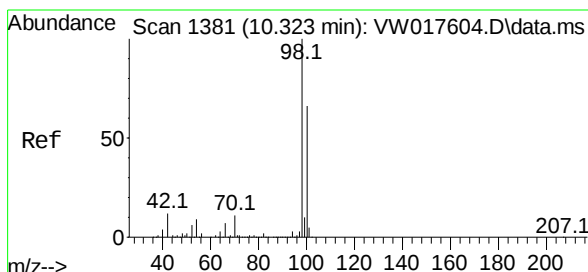
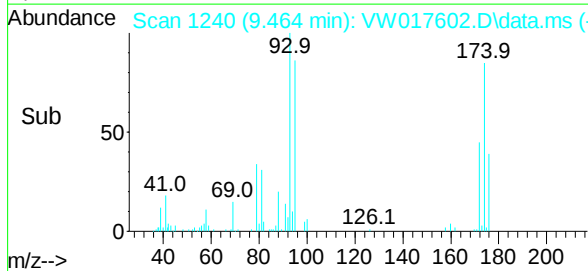
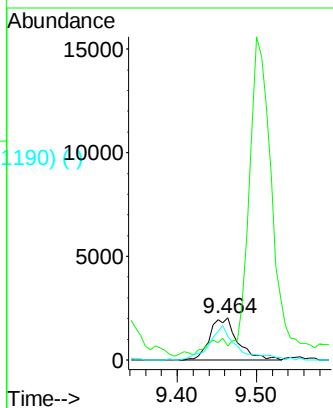
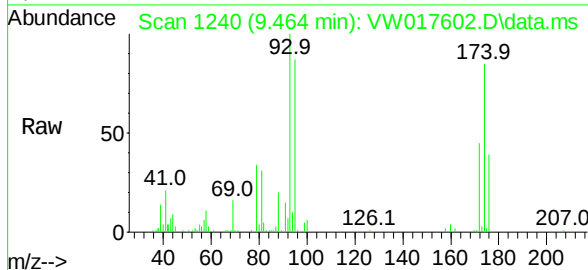
Scan 1239 (9.457 min): VW017604.D\data.ms (-1239) (-)
 1,4-Dioxane
 Concen: 245.84 ug/l
 RT: 9.464 min Scan# 1240
 Delta R.T. 0.006 min
 Lab File: VW017602.D
 Acq: 14 Dec 2020 10:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tgt Ion: 88 Resp: 4894
 Ion Ratio Lower Upper
 88 100
 43 26.6 0.0 0.0#
 58 79.6 54.0 81.0

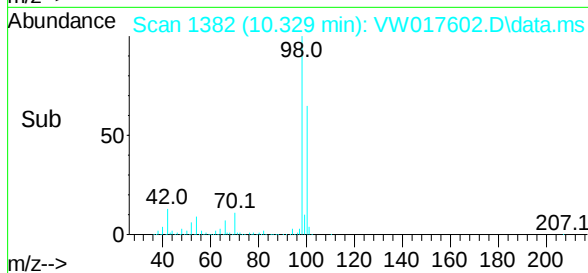
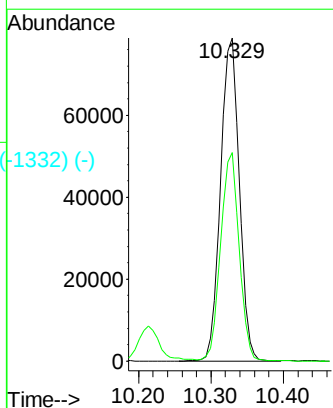
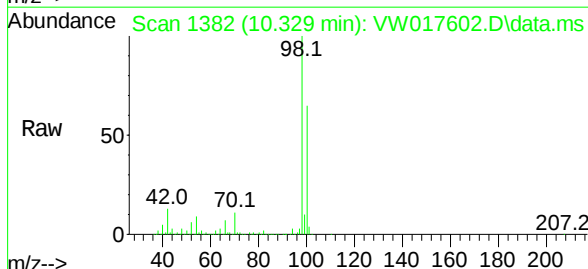
Manual Integrations
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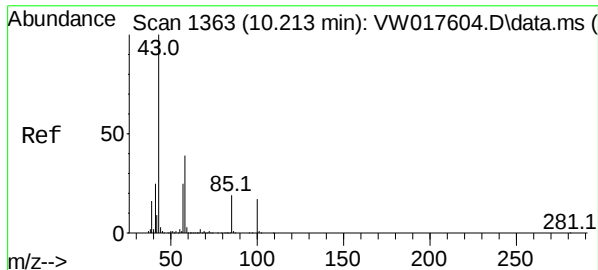
MMDadoda
 12/15/2020 4:50:20 PM



Scan 1381 (10.323 min): VW017604.D\data.ms (-1350) (-)
 Toluene-d8
 Concen: 11.29 ug/l
 RT: 10.329 min Scan# 1382
 Delta R.T. 0.006 min
 Lab File: VW017602.D
 Acq: 14 Dec 2020 10:26

Tgt Ion: 98 Resp: 140432
 Ion Ratio Lower Upper
 98 100
 100 64.0 53.3 79.9





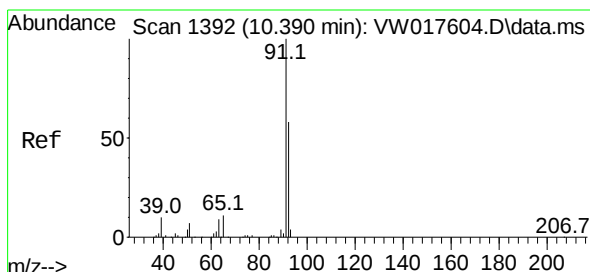
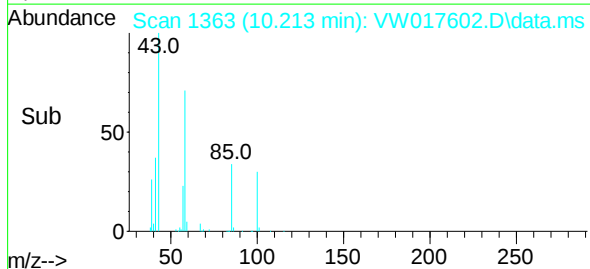
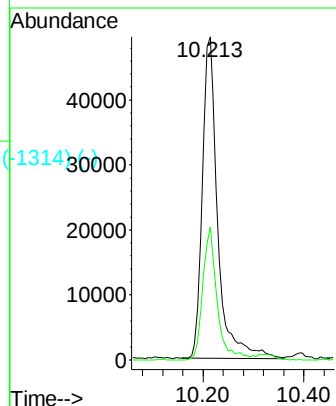
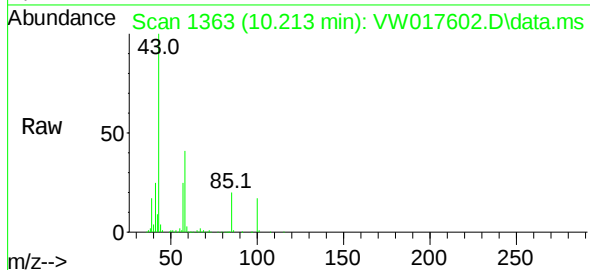
4-Methyl-2-Pentanone
Concen: 58.36 ug/l
RT: 10.213 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VW017602.D
Acq: 14 Dec 2020 10:26

Tgt Ion: 43 Resp: 104254
Ion Ratio Lower Upper
43 100
58 38.4 34.7 52.1

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

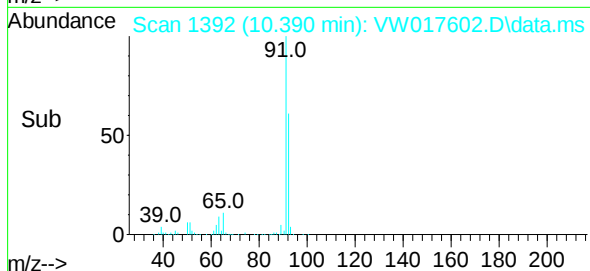
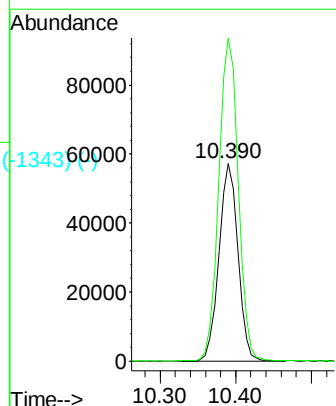
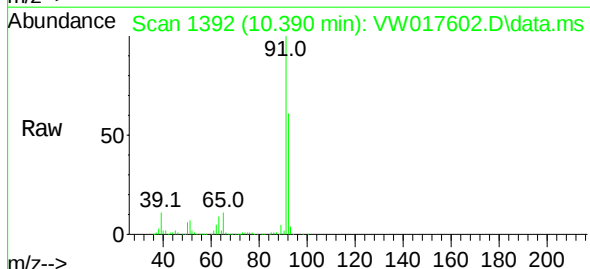
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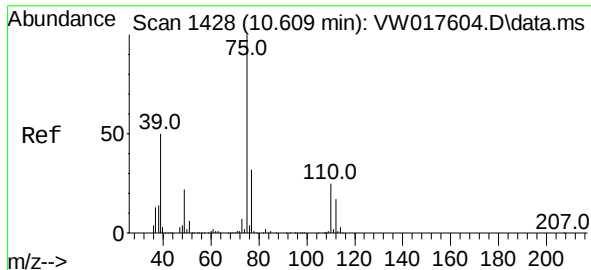
MMDadoda
12/15/2020 4:50:20 PM



Toluene
Concen: 11.21 ug/l
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW017602.D
Acq: 14 Dec 2020 10:26

Tgt Ion: 92 Resp: 99153
Ion Ratio Lower Upper
92 100
91 167.8 134.7 202.1





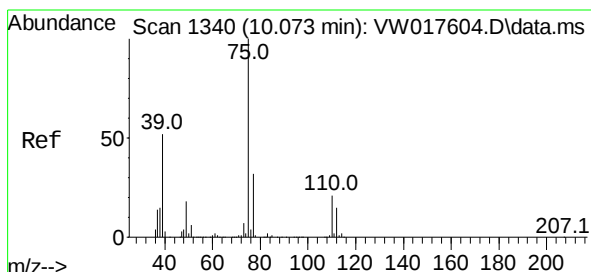
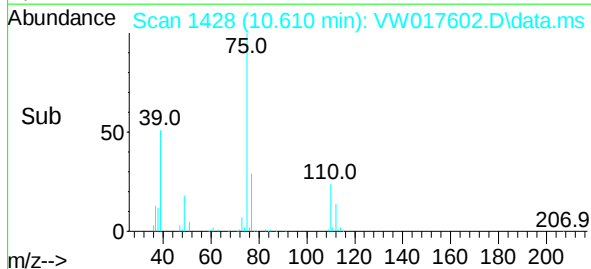
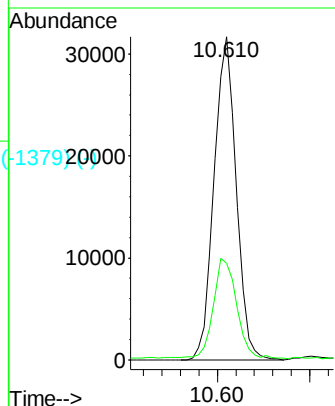
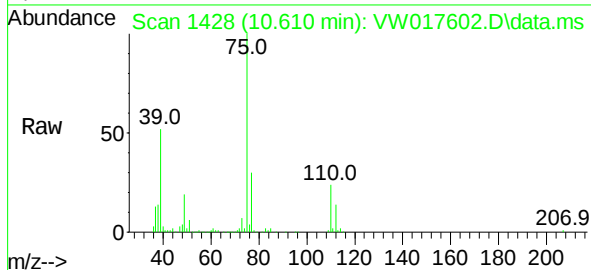
Scan 1428 (10.609 min): VW017604.D\data.ms (-1458) (-)
 t-1,3-Dichloropropene
 Concen: 11.53 ug/l
 RT: 10.610 min Scan# 1428
 Delta R.T. 0.000 min
 Lab File: VW017602.D
 Acq: 14 Dec 2020 10:26

Tgt Ion: 75 Resp: 52703
 Ion Ratio Lower Upper
 75 100
 77 29.4 24.8 37.2

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

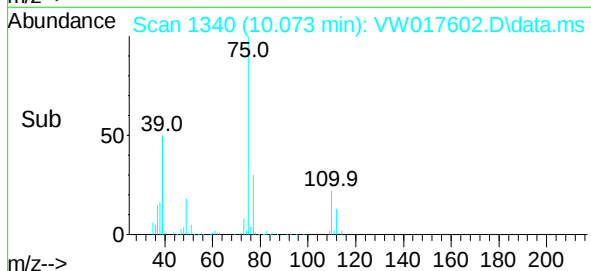
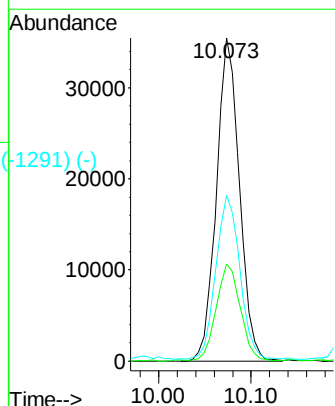
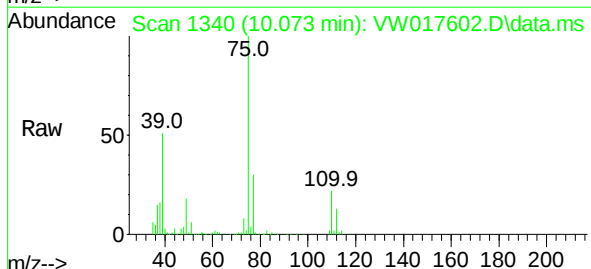
Manual Integrations
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Scan 1340 (10.073 min): VW017604.D\data.ms (-1354) (-)
 cis-1,3-Dichloropropene
 Concen: 11.46 ug/l
 RT: 10.073 min Scan# 1340
 Delta R.T. 0.000 min
 Lab File: VW017602.D
 Acq: 14 Dec 2020 10:26

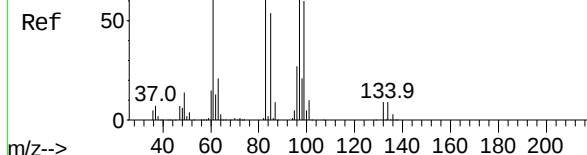
Tgt Ion: 75 Resp: 61204
 Ion Ratio Lower Upper
 75 100
 77 29.9 25.8 38.6
 39 50.5 32.9 49.3#



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

1,1,2-Trichloroethane
Concen: 10.75 ug/l
RT: 10.787 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW017602.D
Acq: 14 Dec 2020 10:26

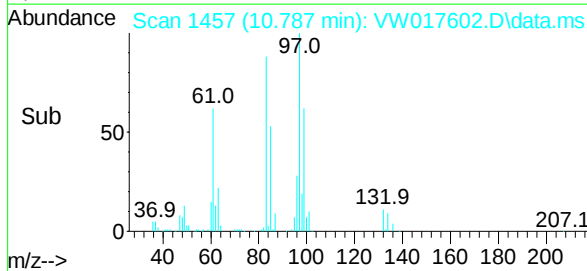
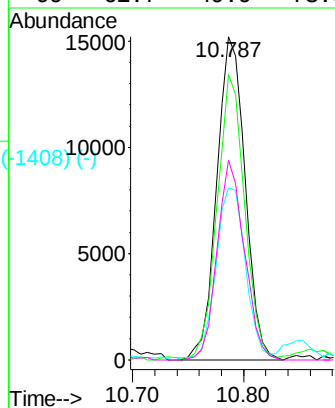
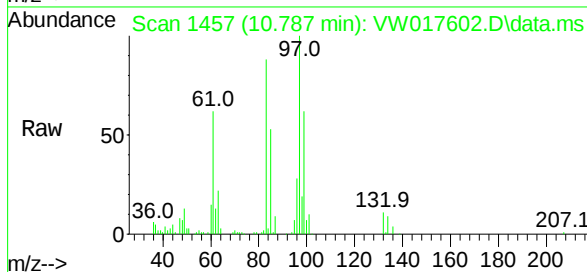
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010



Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.7	64.6	97.0
85	52.4	40.6	61.0
99	61.7	49.0	73.6

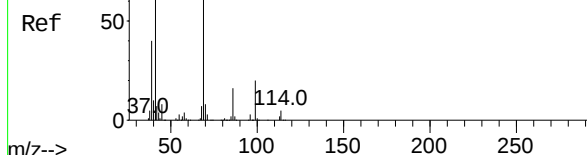
Manual Integrations
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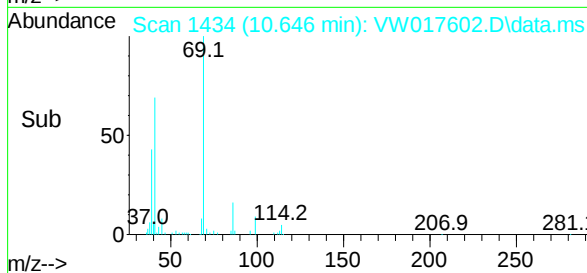
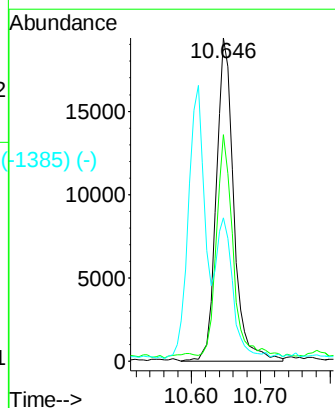
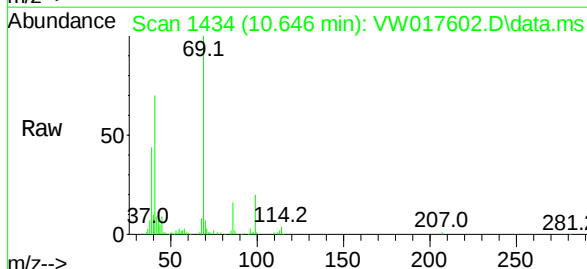


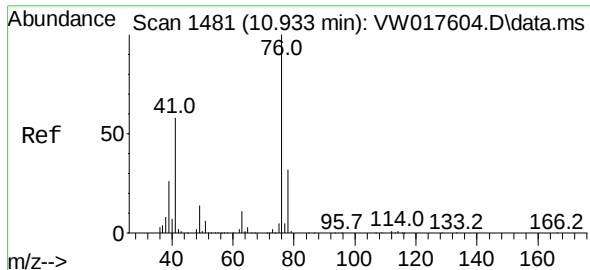
Abundance Scan 1434 (10.646 min): VW017604.D\data.ms (-1426) (-)

Ethyl methacrylate
Concen: 11.87 ug/l
RT: 10.646 min Scan# 1434
Delta R.T. 0.000 min
Lab File: VW017602.D
Acq: 14 Dec 2020 10:26



Tgt Ion	Ratio	Lower	Upper
69	100		
41	65.3	46.3	69.5
39	40.4	25.9	38.9#





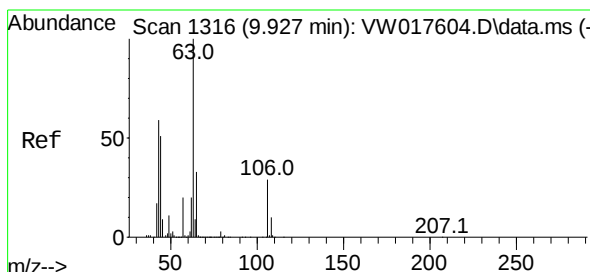
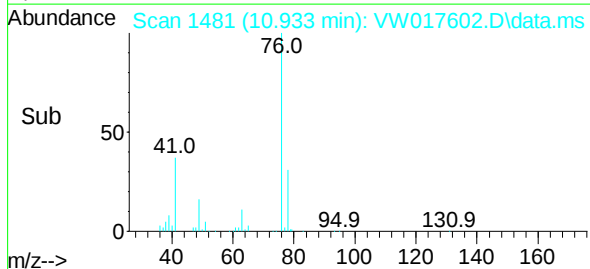
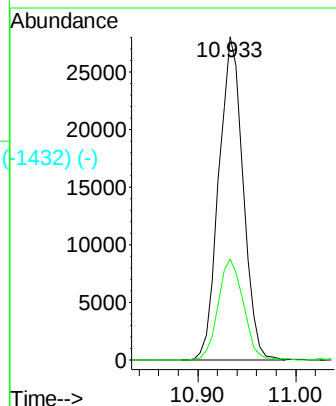
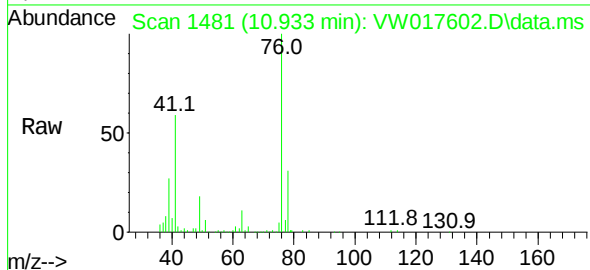
1,3-Dichloropropane
 Concen: 11.09 ug/l
 RT: 10.933 min Scan# 1481
 Delta R.T. 0.000 min
 Lab File: VW017602.D
 Acq: 14 Dec 2020 10:26

Tgt Ion: 76 Resp: 48289
 Ion Ratio Lower Upper
 76 100
 78 32.4 26.0 39.0

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

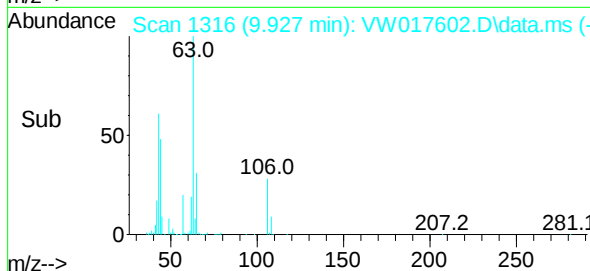
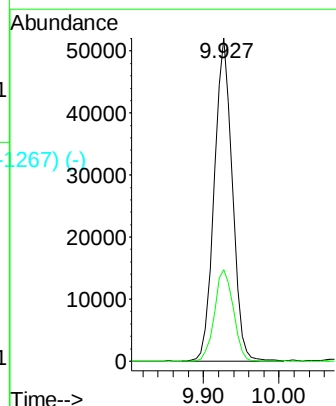
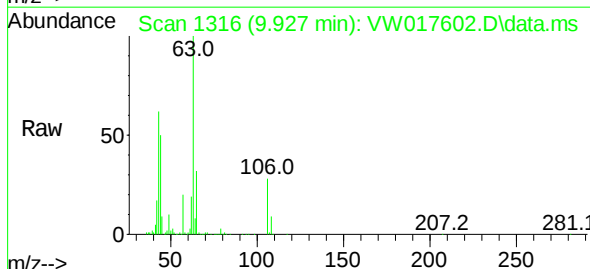
Manual Integrations
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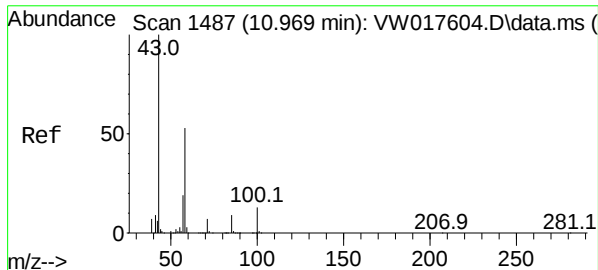
MMDadoda
 12/15/2020 4:50:20 PM



2-Chloroethyl Vinyl ether
 Concen: 60.75 ug/l
 RT: 9.927 min Scan# 1316
 Delta R.T. 0.000 min
 Lab File: VW017602.D
 Acq: 14 Dec 2020 10:26

Tgt Ion: 63 Resp: 86418
 Ion Ratio Lower Upper
 63 100
 106 29.3 27.0 40.4





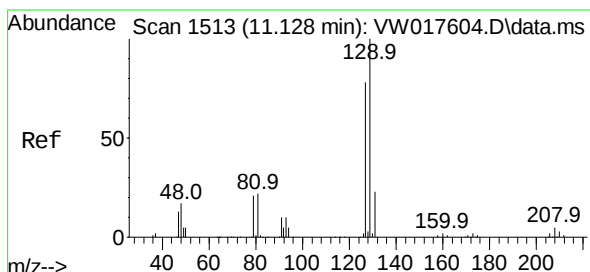
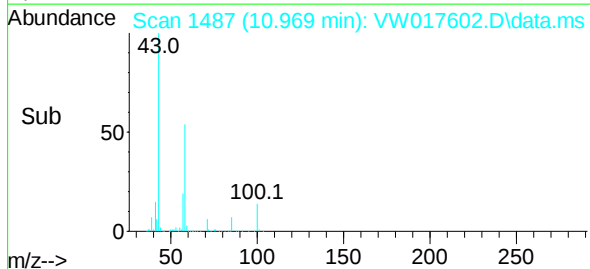
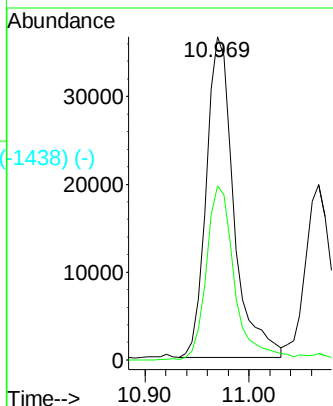
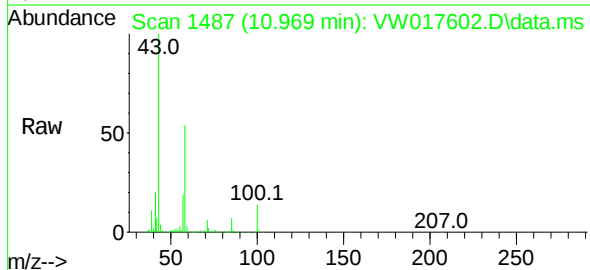
2-Hexanone
Concen: 56.70 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW017602.D
Acq: 14 Dec 2020 10:26

Tgt Ion: 43 Resp: 67204
Ion Ratio Lower Upper
43 100
58 55.5 29.5 88.5

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

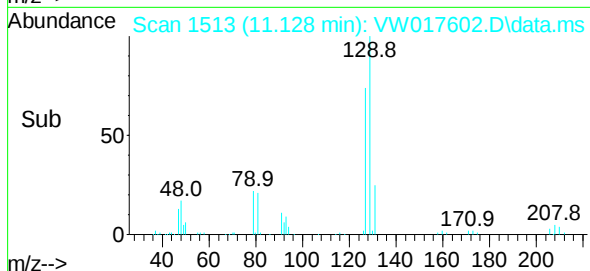
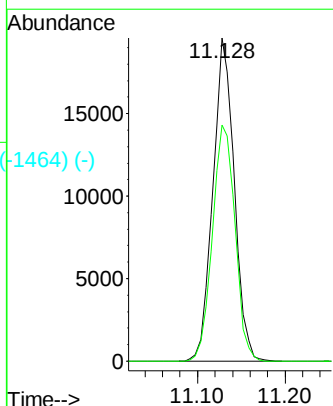
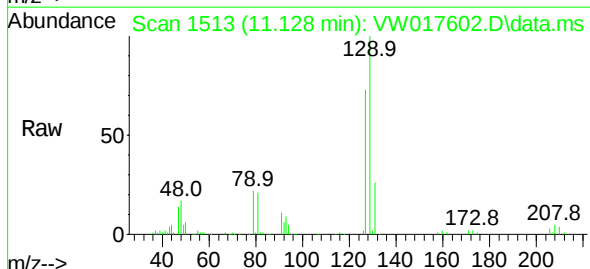
Manual Integrations
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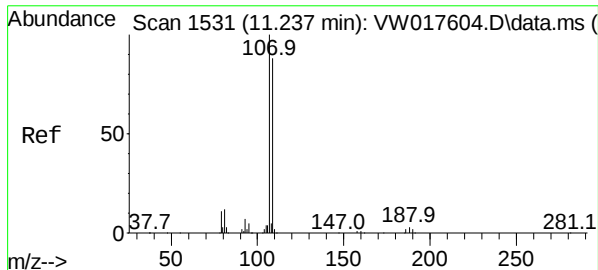
MMDadoda
12/15/2020 4:50:20 PM



Dibromochloromethane
Concen: 10.42 ug/l
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW017602.D
Acq: 14 Dec 2020 10:26

Tgt Ion:129 Resp: 33123
Ion Ratio Lower Upper
129 100
127 77.4 38.9 116.6





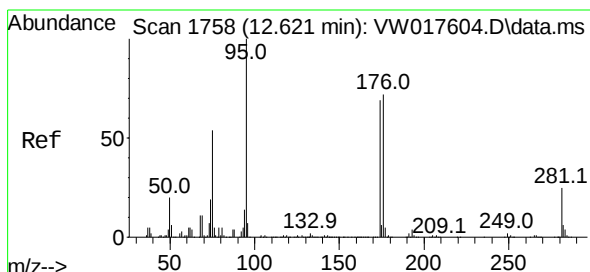
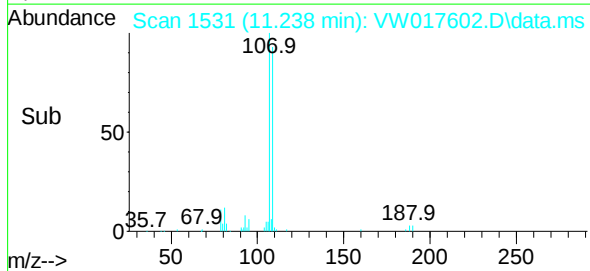
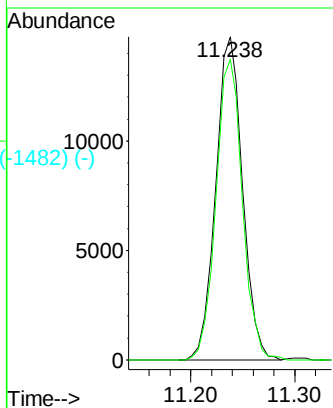
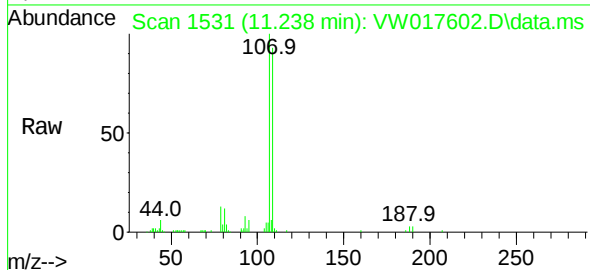
Scan 1531 (11.237 min): VW017604.D\data.ms (-1502) (-)
 1,2-Dibromoethane
 Concen: 10.86 ug/l
 RT: 11.238 min Scan# 1531
 Delta R.T. 0.000 min
 Lab File: VW017602.D
 Acq: 14 Dec 2020 10:26

Tgt Ion: 107 Resp: 26578
 Ion Ratio Lower Upper
 107 100
 109 91.9 74.7 112.1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

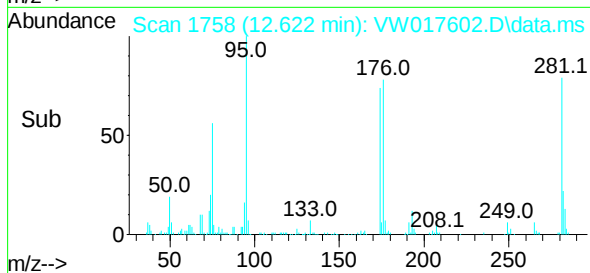
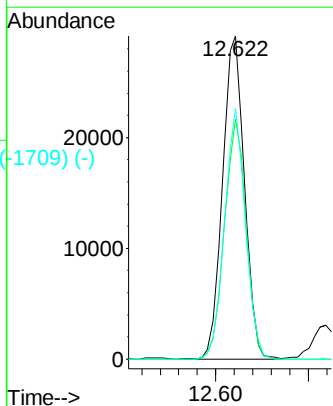
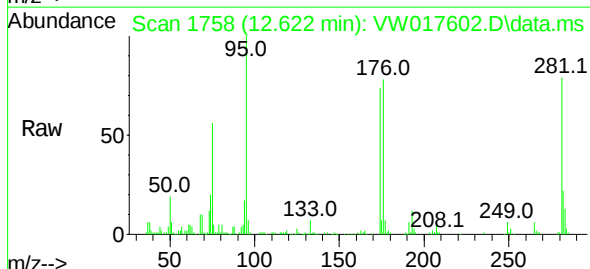
Manual Integrations
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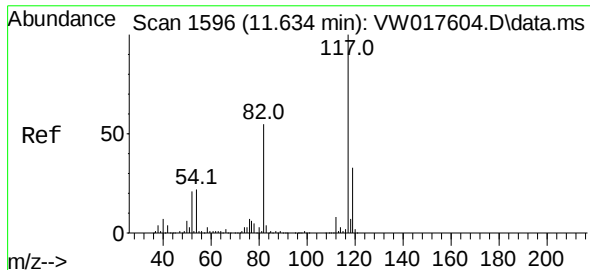
MMDadoda
 12/15/2020 4:50:20 PM



Scan 1758 (12.621 min): VW017604.D\data.ms (-1700) (-)
 4-Bromofluorobenzene
 Concen: 10.86 ug/l
 RT: 12.622 min Scan# 1758
 Delta R.T. 0.000 min
 Lab File: VW017602.D
 Acq: 14 Dec 2020 10:26

Tgt Ion: 95 Resp: 48082
 Ion Ratio Lower Upper
 95 100
 174 73.3 0.0 180.6
 176 74.1 0.0 177.6





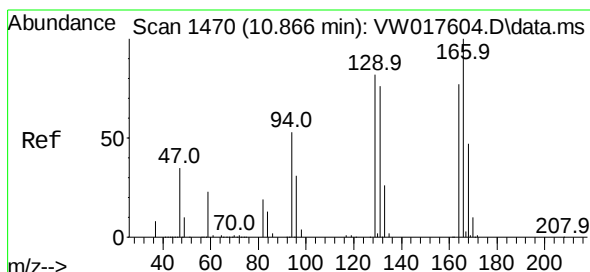
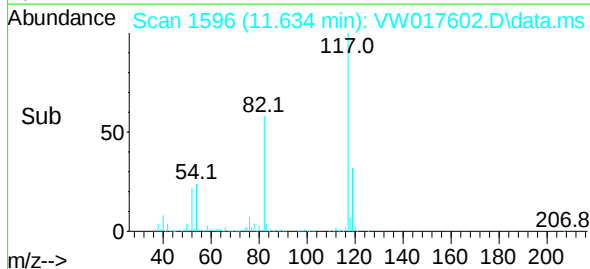
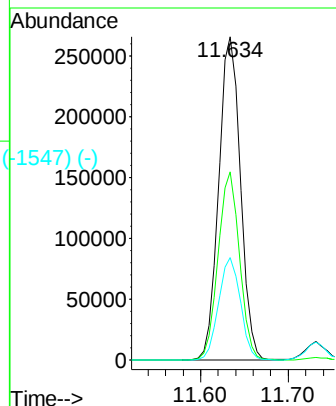
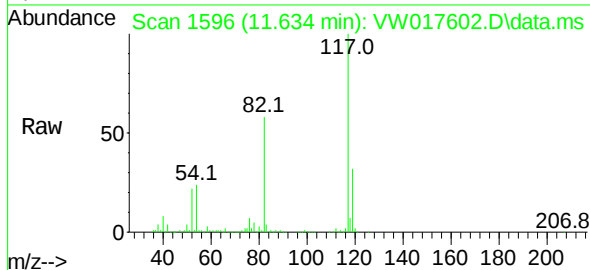
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VW017602.D
Acq: 14 Dec 2020 10:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion:	117	Resp:	457571
Ion	Ratio	Lower	Upper
117	100		
82	58.2	40.7	61.1
119	31.7	25.0	37.4

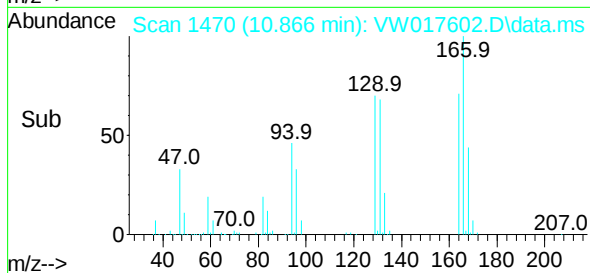
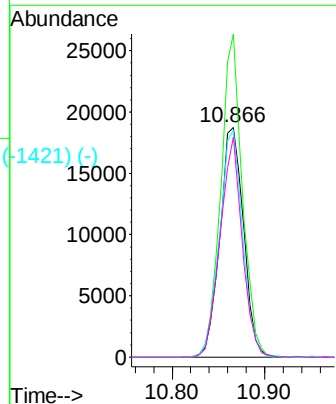
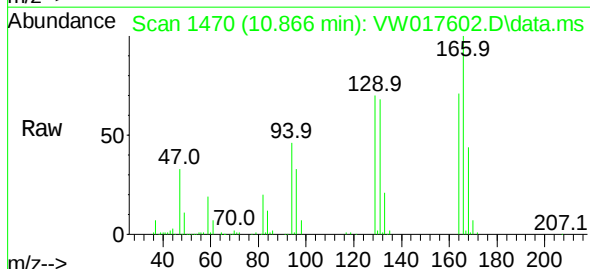
Manual Integrations
APPROVED

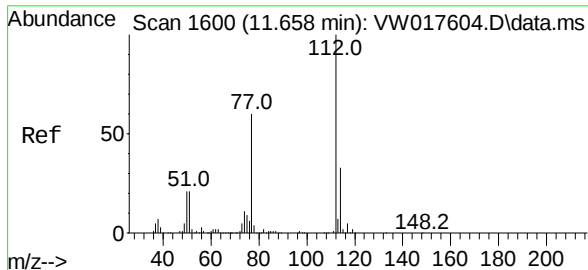
MMDadoda
12/15/2020 4:50:20 PM



Tetrachloroethene
Concen: 10.35 ug/l
RT: 10.866 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VW017602.D
Acq: 14 Dec 2020 10:26

Tgt Ion:	164	Resp:	33289
Ion	Ratio	Lower	Upper
164	100		
166	140.6	105.3	157.9
129	98.9	68.8	103.2
131	95.7	71.0	106.6





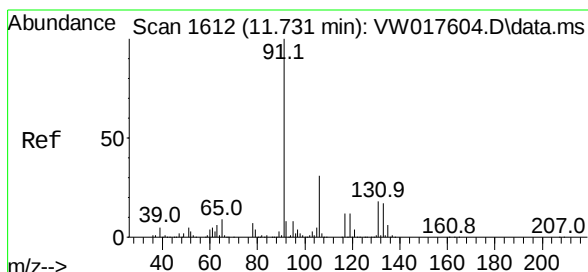
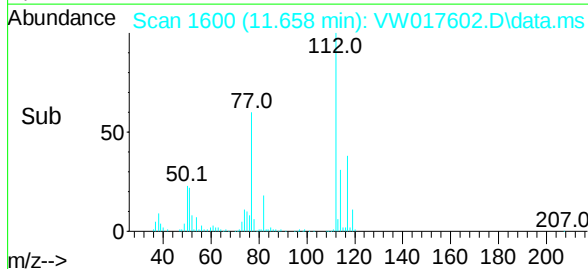
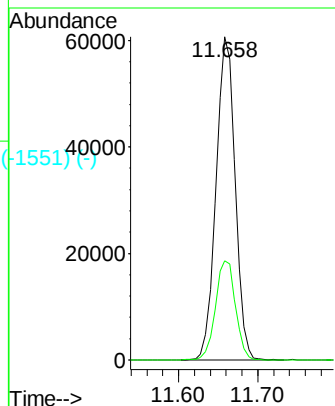
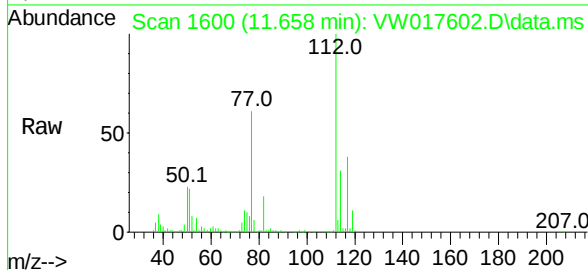
Chlorobenzene
Concen: 10.68 ug/l
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW017602.D
Acq: 14 Dec 2020 10:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion:112 Resp: 102015
Ion Ratio Lower Upper
112 100
114 30.6 25.3 37.9

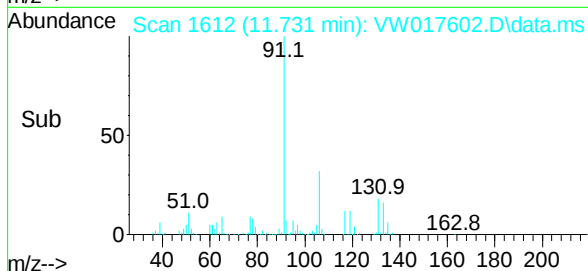
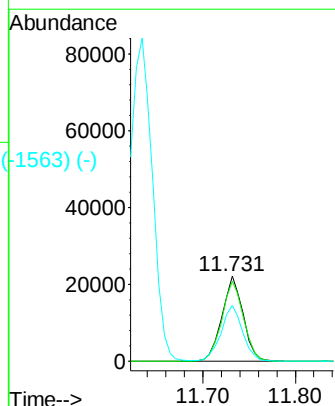
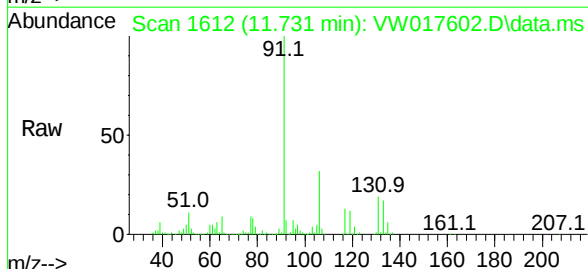
Manual Integrations
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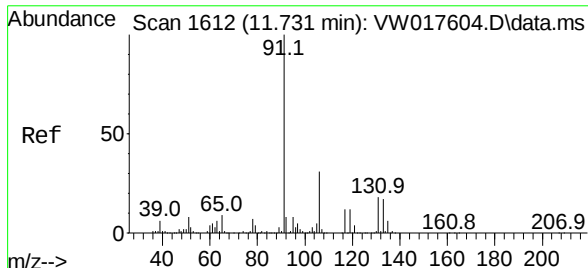
MMDadoda
12/15/2020 4:50:20 PM



1,1,1,2-Tetrachloroethane
Concen: 10.09 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW017602.D
Acq: 14 Dec 2020 10:26

Tgt Ion:131 Resp: 35032
Ion Ratio Lower Upper
131 100
133 96.5 48.1 144.3
119 66.8 32.5 97.4





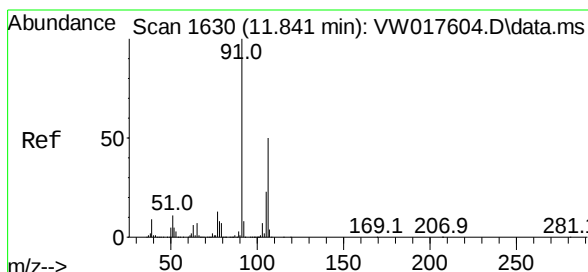
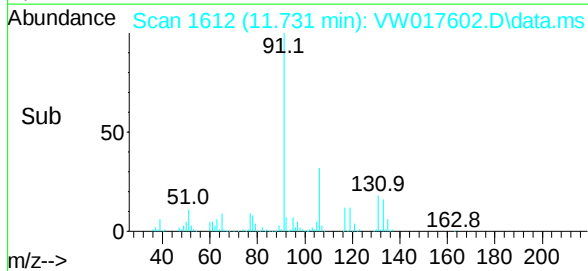
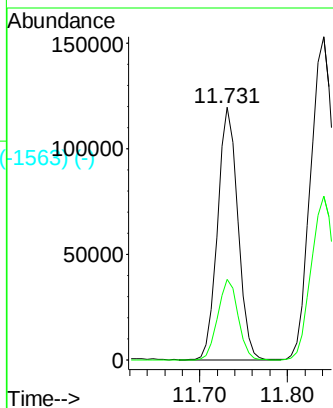
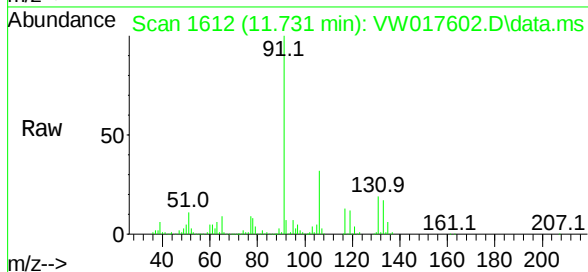
Ethyl Benzene
Concen: 11.27 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW017602.D
Acq: 14 Dec 2020 10:26

Tgt Ion: 91 Resp: 192737
Ion Ratio Lower Upper
91 100
106 31.9 25.9 38.9

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

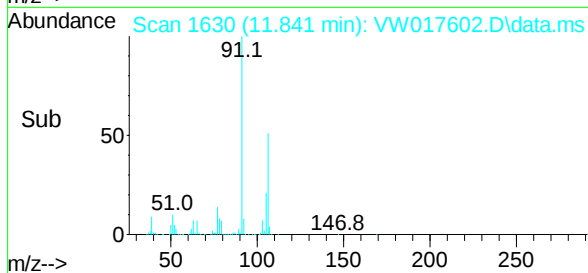
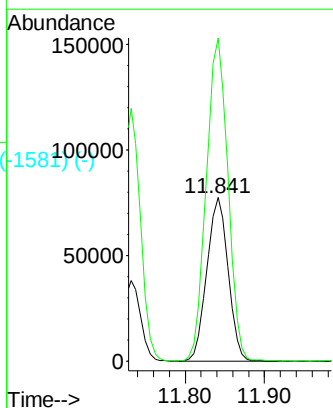
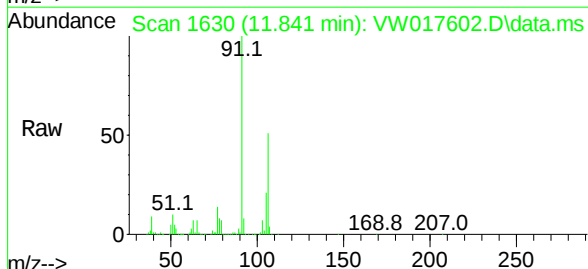
Manual Integrations
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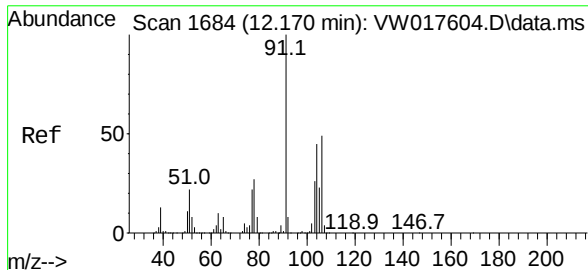
MMDadoda
12/15/2020 4:50:20 PM



m/p-Xylenes
Concen: 22.55 ug/l
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW017602.D
Acq: 14 Dec 2020 10:26

Tgt Ion:106 Resp: 144786
Ion Ratio Lower Upper
106 100
91 200.4 157.4 236.0





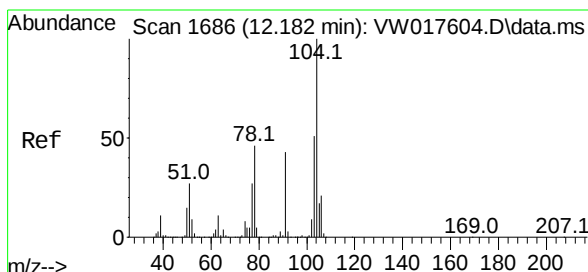
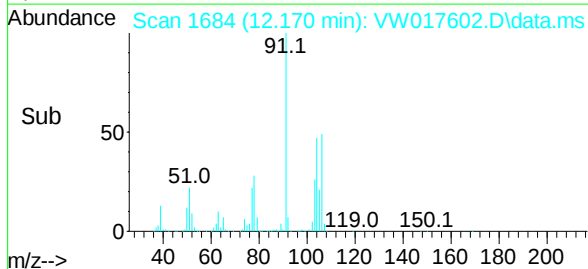
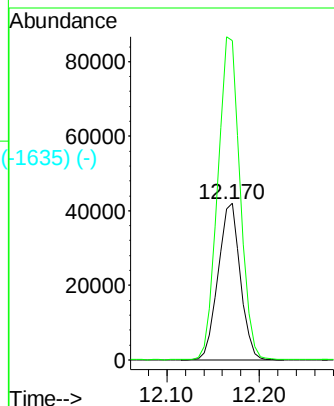
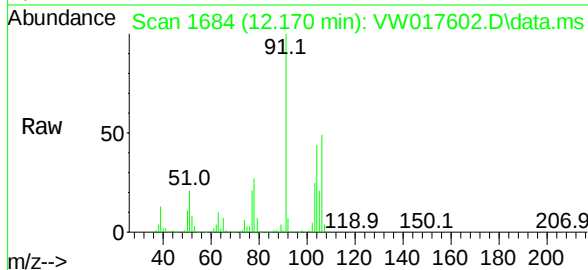
o-Xylene
Concen: 11.94 ug/l
RT: 12.170 min Scan# 1684
Delta R.T. 0.000 min
Lab File: VW017602.D
Acq: 14 Dec 2020 10:26

Tgt Ion:106 Resp: 69971
Ion Ratio Lower Upper
106 100
91 207.9 103.6 310.9

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

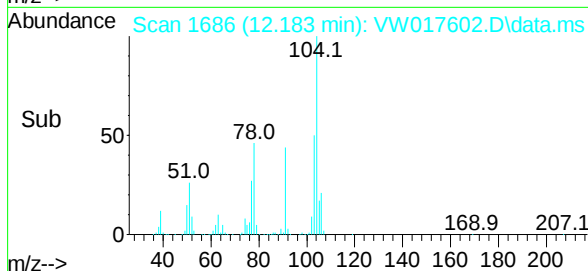
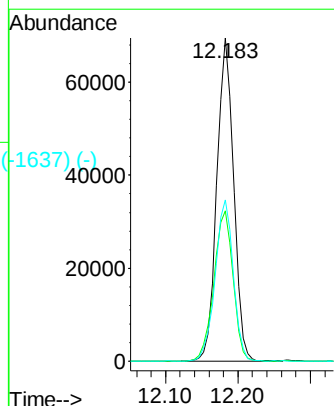
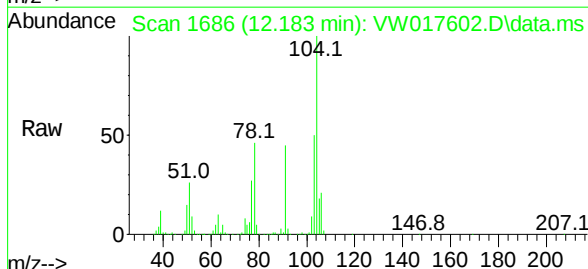
Manual Integrations
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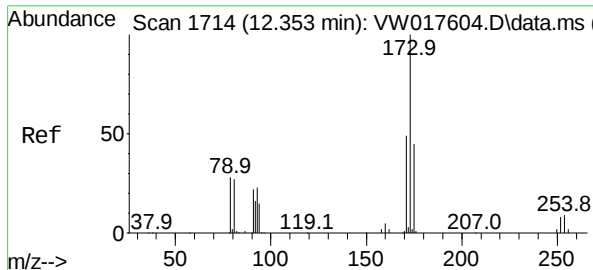
MMDadoda
12/15/2020 4:50:20 PM



Styrene
Concen: 11.16 ug/l
RT: 12.183 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW017602.D
Acq: 14 Dec 2020 10:26

Tgt Ion:104 Resp: 112068
Ion Ratio Lower Upper
104 100
78 53.1 37.6 56.4
103 53.9 43.6 65.4





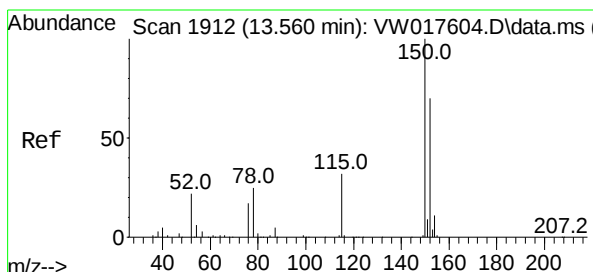
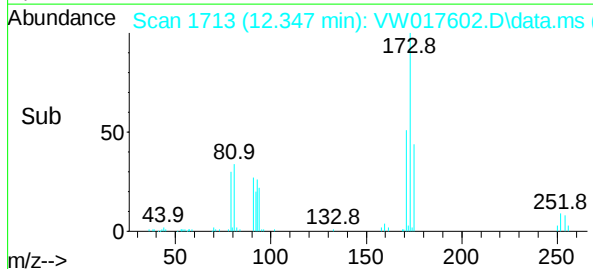
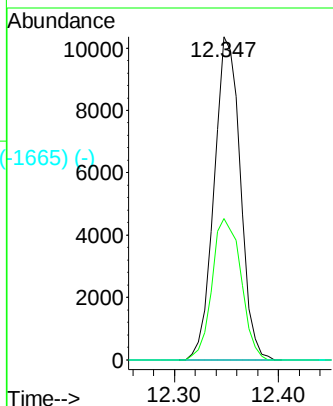
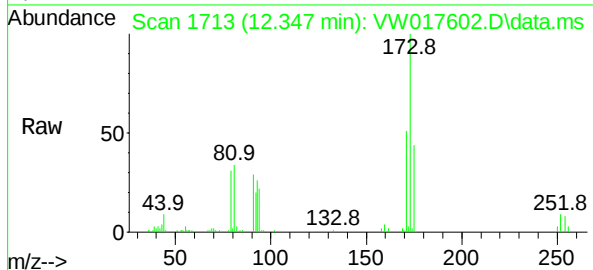
Bromoform
Concen: 10.42 ug/l
RT: 12.347 min Scan# 1713
Delta R.T. -0.006 min
Lab File: VW017602.D
Acq: 14 Dec 2020 10:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion:	173	Resp:	18259
Ion	Ratio	Lower	Upper
173	100		
175	48.2	24.7	74.1
254	0.0	0.1	0.1#

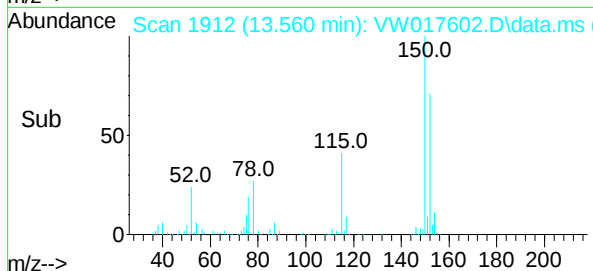
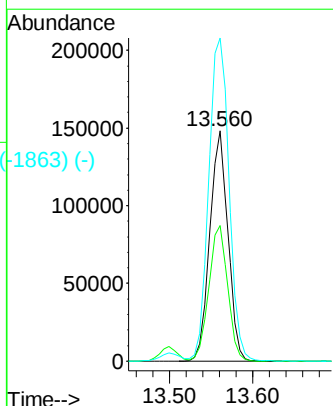
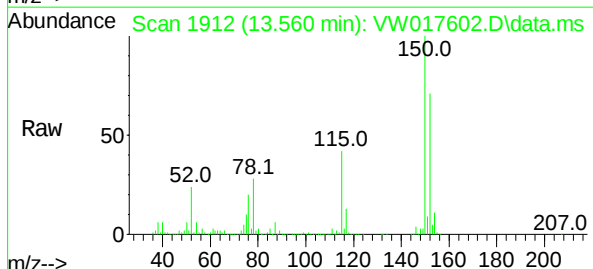
Manual Integrations
APPROVED

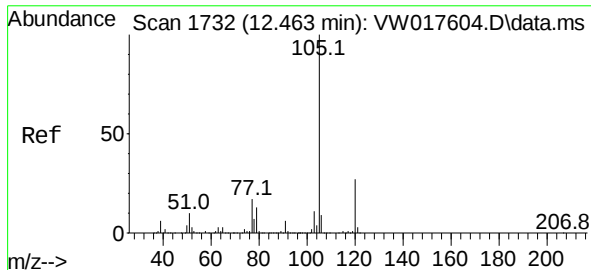
MMDadoda
12/15/2020 4:50:20 PM



1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW017602.D
Acq: 14 Dec 2020 10:26

Tgt Ion:	152	Resp:	224050
Ion	Ratio	Lower	Upper
152	100		
115	60.8	27.9	83.7
150	156.9	0.0	344.0





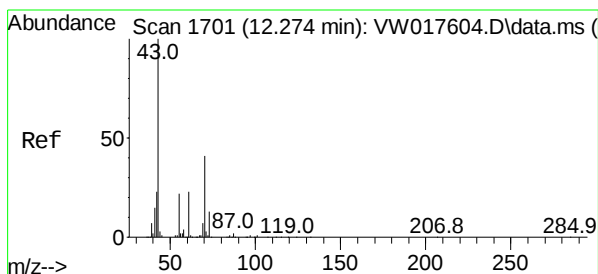
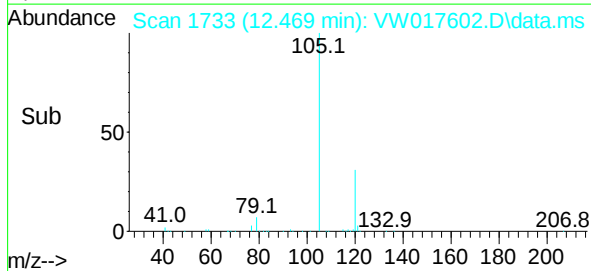
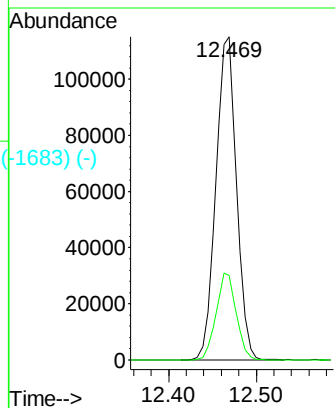
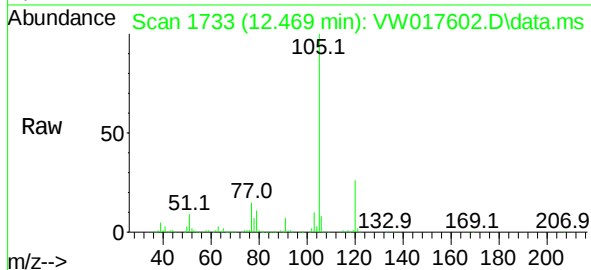
Isopropylbenzene
Concen: 11.73 ug/l
RT: 12.469 min Scan# 1733
Delta R.T. 0.006 min
Lab File: VW017602.D
Acq: 14 Dec 2020 10:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion:105 Resp: 187614
Ion Ratio Lower Upper
105 100
120 26.2 13.6 40.7

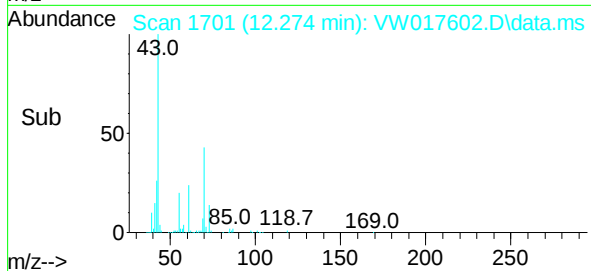
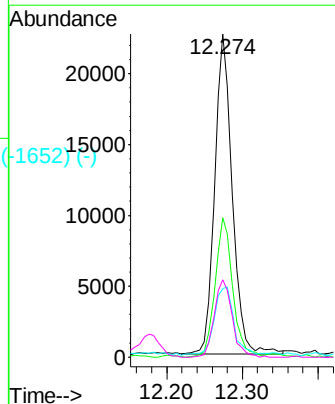
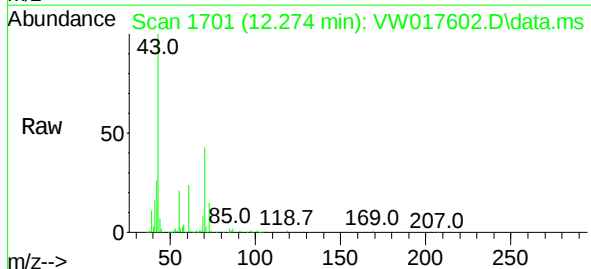
Manual Integrations
APPROVED

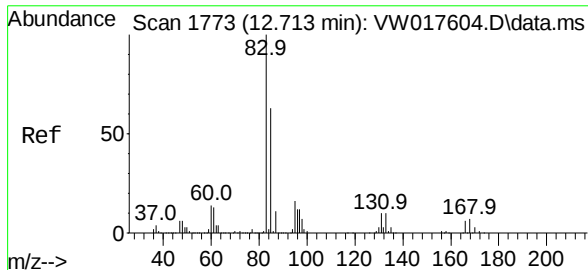
MMDadoda
12/15/2020 4:50:20 PM



N-ethyl acetate
Concen: 12.24 ug/l
RT: 12.274 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VW017602.D
Acq: 14 Dec 2020 10:26

Tgt Ion: 43 Resp: 36212
Ion Ratio Lower Upper
43 100
70 43.6 40.2 60.4
55 24.3 21.4 32.0
61 24.5 21.4 32.2





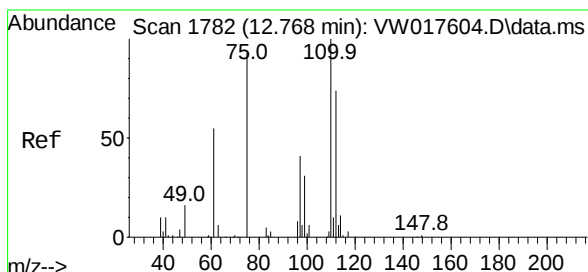
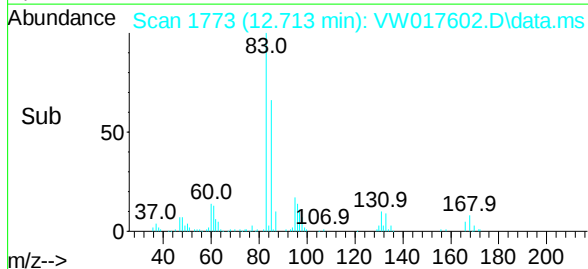
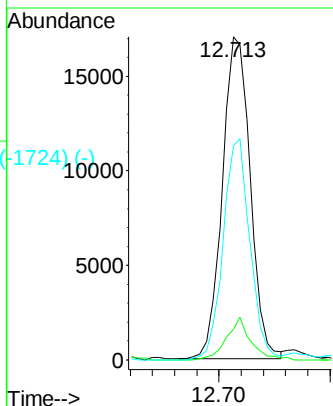
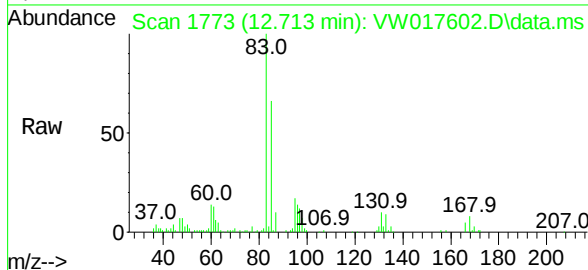
Scan 1773 (12.713 min): VW017604.D\data.ms (-1775) (-)
 1,1,2,2-Tetrachloroethane
 Concen: 11.00 ug/l
 RT: 12.713 min Scan# 1773
 Delta R.T. 0.000 min
 Lab File: VW017602.D
 Acq: 14 Dec 2020 10:26

Tgt Ion:	83	Resp:	29661
Ion	Ratio	Lower	Upper
83	100		
131	11.5	6.1	18.3
85	66.0	32.7	98.1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

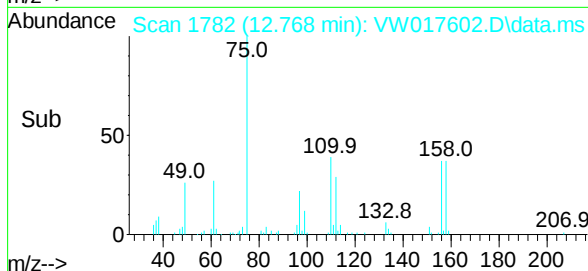
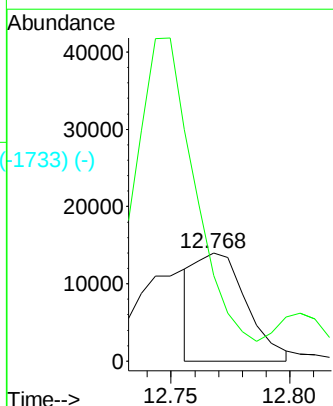
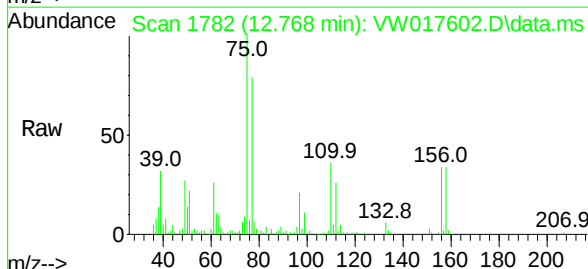
Manual Integrations
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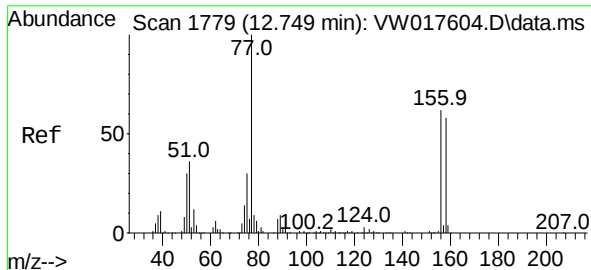
MMDadoda
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Scan 1782 (12.768 min): VW017604.D\data.ms (-1780) (-)
 1,2,3-Trichloropropane
 Concen: 10.60 ug/l m
 RT: 12.768 min Scan# 1782
 Delta R.T. 0.000 min
 Lab File: VW017602.D
 Acq: 14 Dec 2020 10:26

Tgt Ion:	75	Resp:	21023
Ion	Ratio	Lower	Upper
75	100		
77	367.9	178.8	536.3





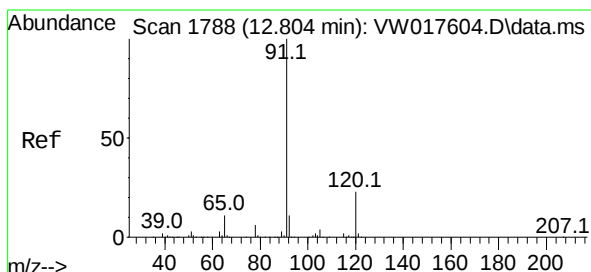
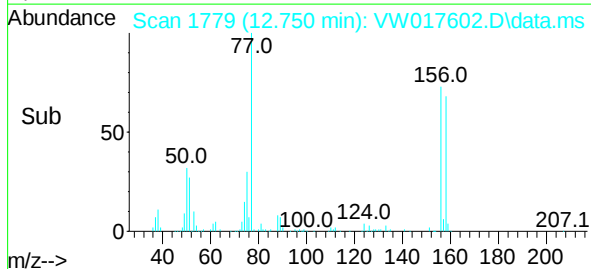
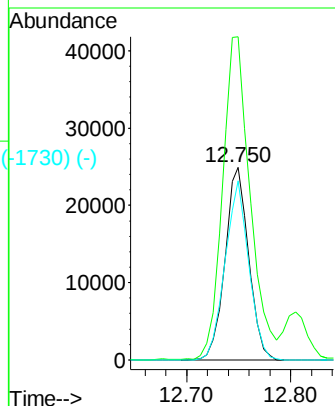
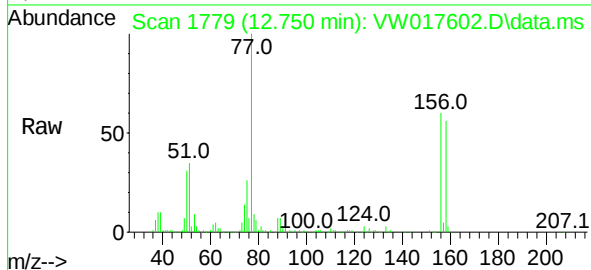
Bromobenzene
Concen: 10.60 ug/l
RT: 12.750 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VW017602.D
Acq: 14 Dec 2020 10:26

Tgt Ion: 156 Resp: 39664
Ion Ratio Lower Upper
156 100
77 195.0 79.0 237.2
158 93.3 47.0 141.2

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

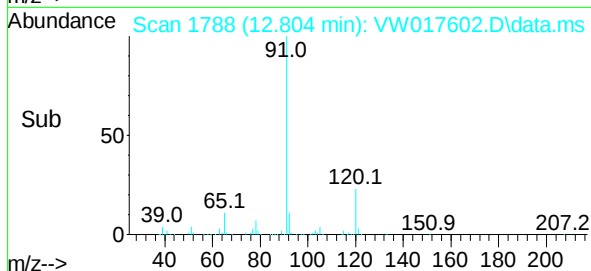
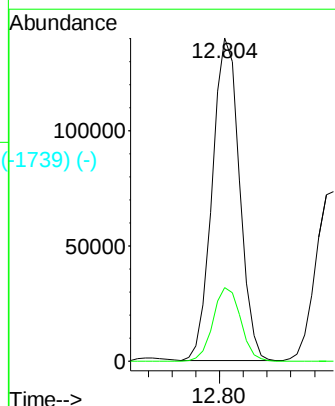
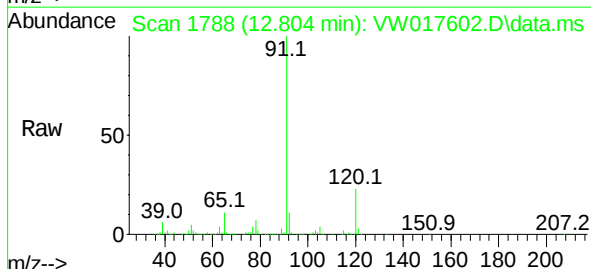
Manual Integrations
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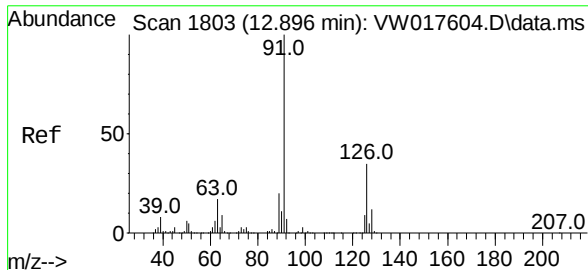
MMDadoda
12/15/2020 4:50:20 PM



n-propylbenzene
Concen: 11.53 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. 0.000 min
Lab File: VW017602.D
Acq: 14 Dec 2020 10:26

Tgt Ion: 91 Resp: 222241
Ion Ratio Lower Upper
91 100
120 23.0 12.0 36.1





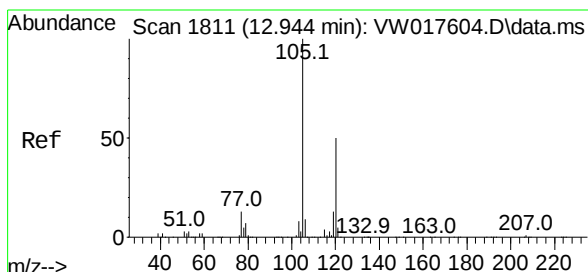
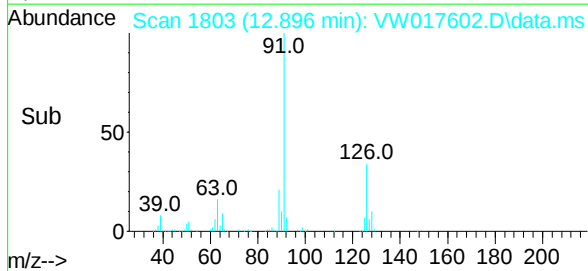
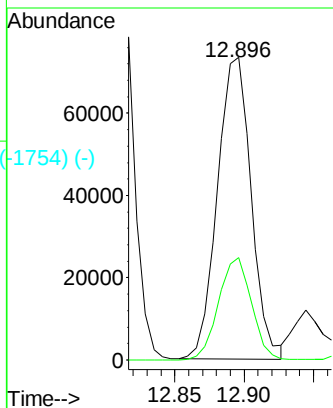
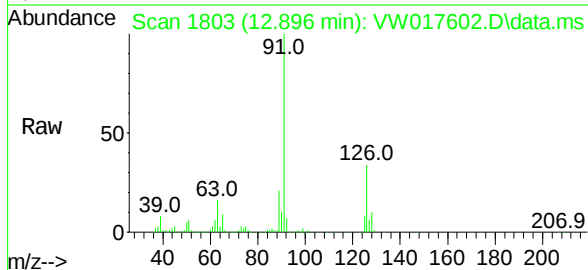
2-Chlorotoluene
Concen: 11.48 ug/l
RT: 12.896 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VW017602.D
Acq: 14 Dec 2020 10:26

Tgt Ion: 91 Resp: 124515
Ion Ratio Lower Upper
91 100
126 32.9 17.9 53.8

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

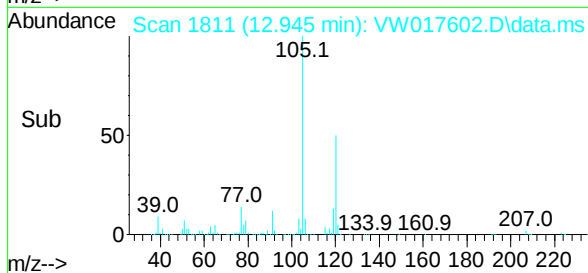
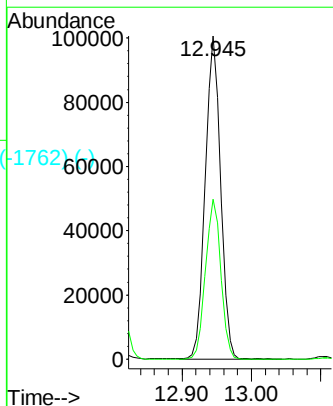
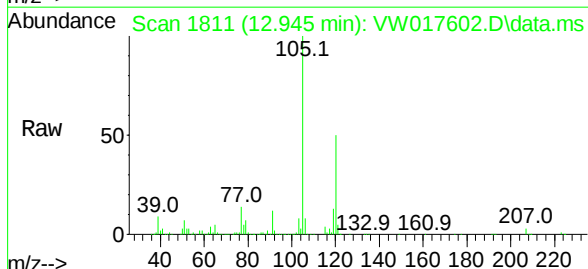
Manual Integrations
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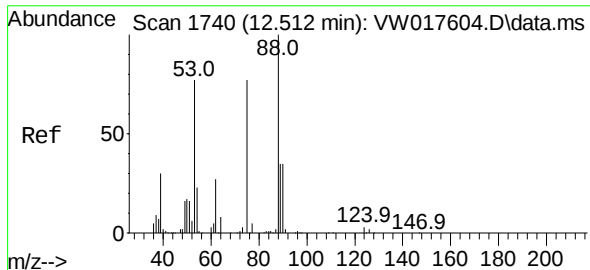
MMDadoda
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1,3,5-Trimethylbenzene
Concen: 11.52 ug/l
RT: 12.945 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW017602.D
Acq: 14 Dec 2020 10:26

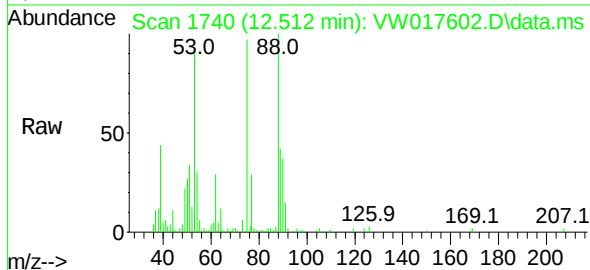
Tgt Ion:105 Resp: 155353
Ion Ratio Lower Upper
105 100
120 49.3 24.9 74.8



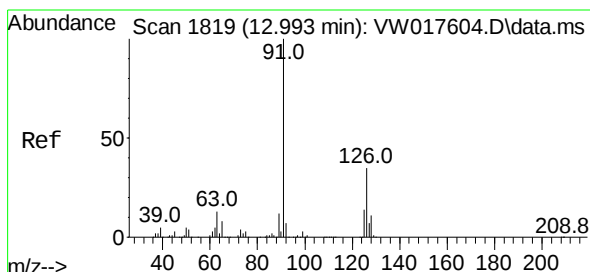
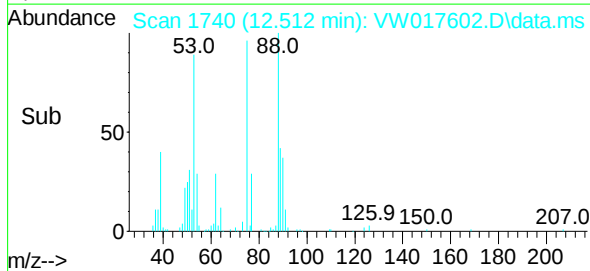
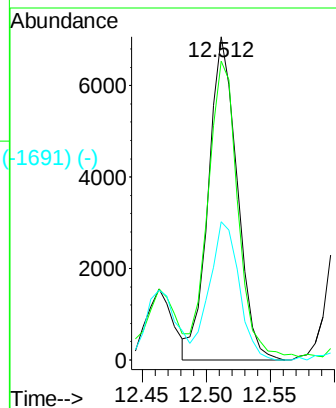


trans-1,4-Dichloro-2-butene
Concen: 12.77 ug/l
RT: 12.512 min Scan# 1740
Delta R.T. 0.000 min
Lab File: VW017602.D
Acq: 14 Dec 2020 10:26

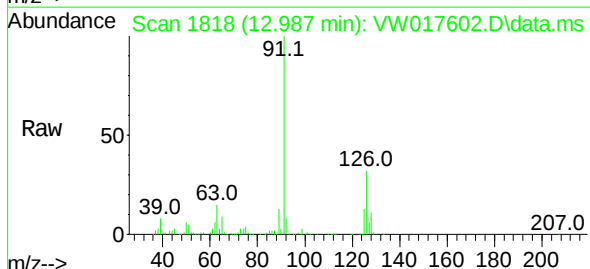
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010



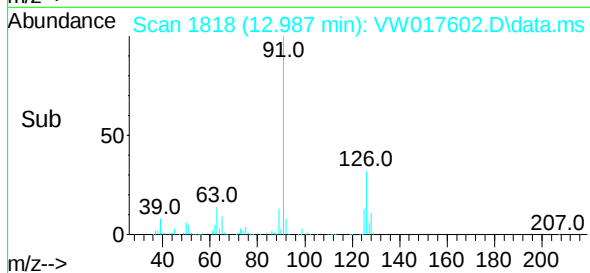
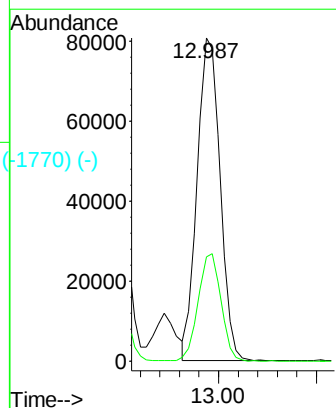
Tgt Ion	Ratio	Lower	Upper
75	100		
53	94.5	77.0	115.4
89	44.0	38.7	58.1

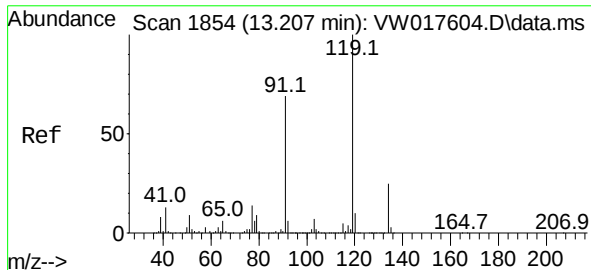


4-Chlorotoluene
Concen: 11.55 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. -0.006 min
Lab File: VW017602.D
Acq: 14 Dec 2020 10:26



Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.9	18.1	54.3





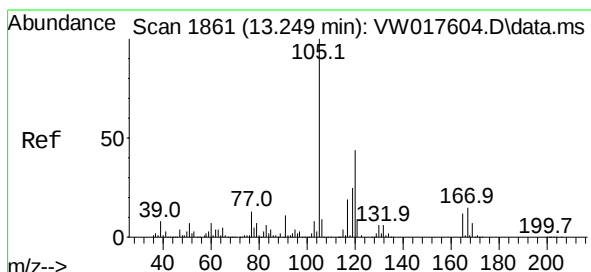
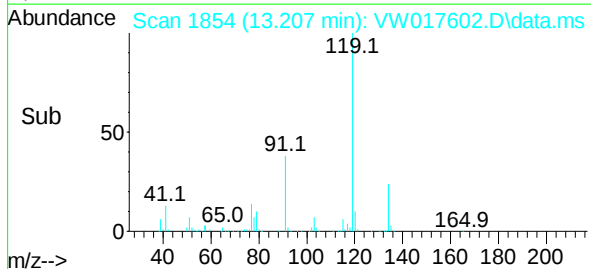
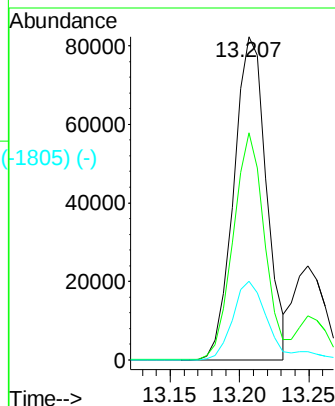
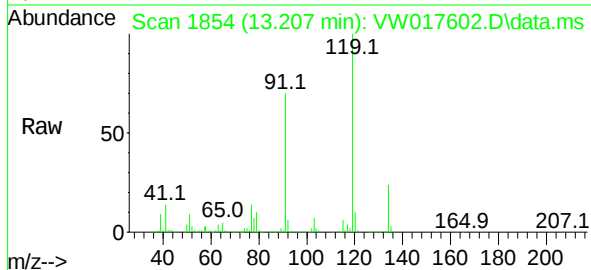
tert-Butylbenzene
Concen: 11.67 ug/l
RT: 13.207 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VW017602.D
Acq: 14 Dec 2020 10:26

Tgt Ion:	119	Resp:	135069
Ion	Ratio	Lower	Upper
119	100		
91	68.4	31.3	93.9
134	24.9	14.0	42.0

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

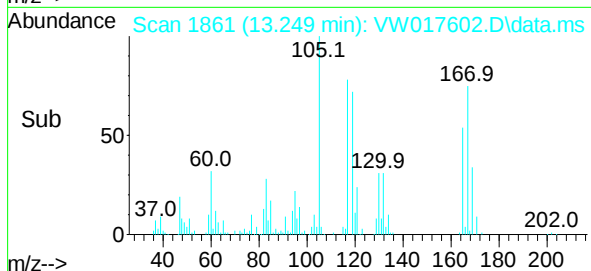
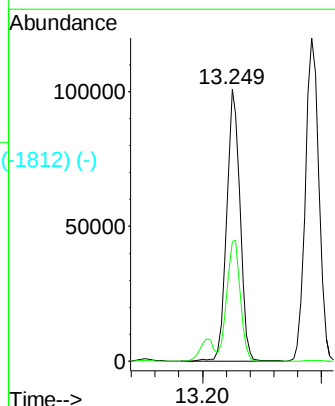
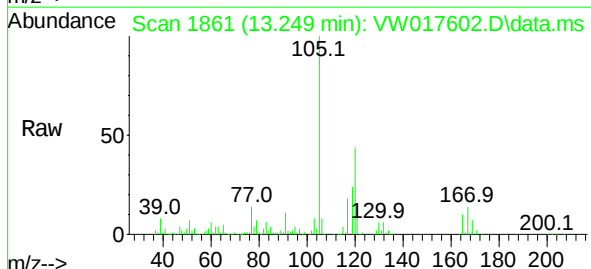
Manual Integrations
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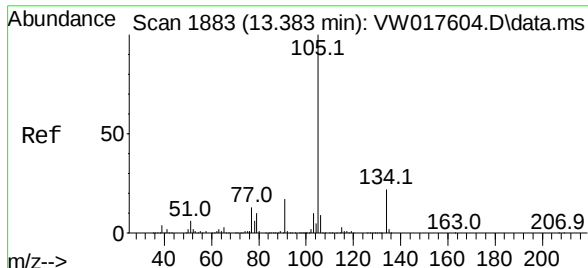
MMDadoda
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1,2,4-Trimethylbenzene
Concen: 11.65 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW017602.D
Acq: 14 Dec 2020 10:26

Tgt Ion:	105	Resp:	156598
Ion	Ratio	Lower	Upper
105	100		
120	44.8	23.4	70.0





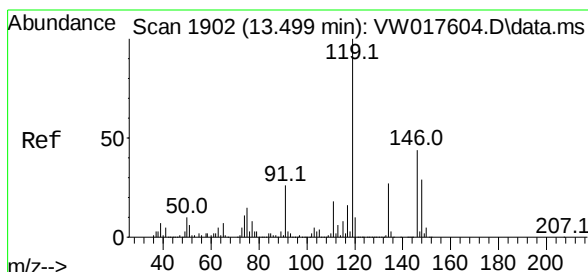
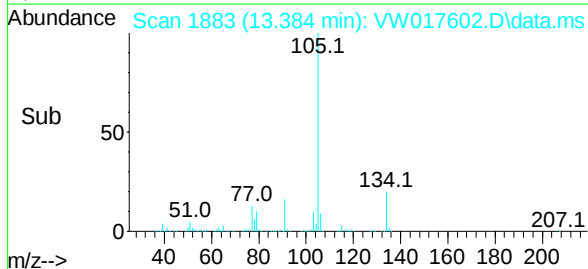
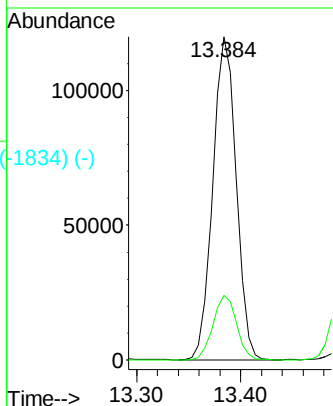
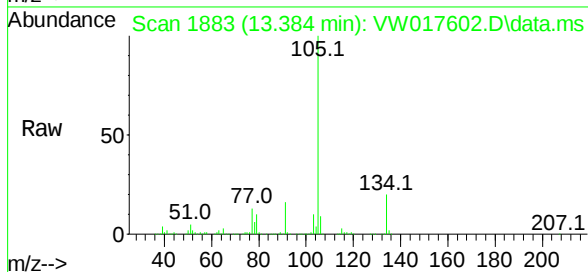
Scan 1883 (13.383 min): VW017604.D\data.ms (-1835) (-)
 sec-Butylbenzene
 Concen: 11.61 ug/l
 RT: 13.384 min Scan# 1883
 Delta R.T. 0.000 min
 Lab File: VW017602.D
 Acq: 14 Dec 2020 10:26

Tgt Ion: 105 Resp: 188671
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.6 31.8

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

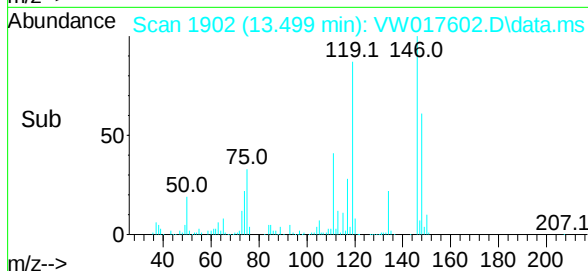
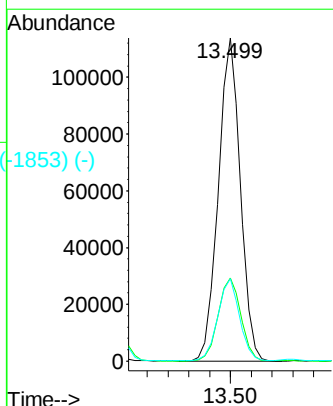
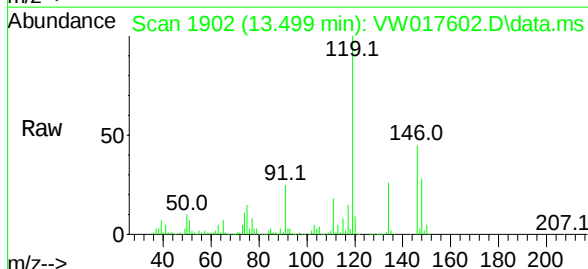
Manual Integrations
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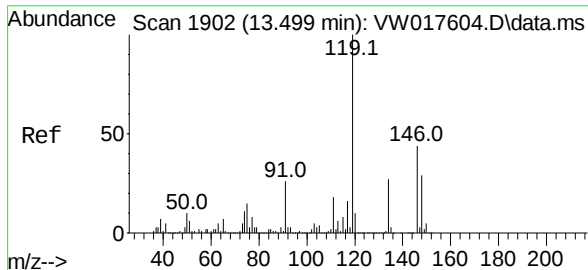
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Scan 1902 (13.499 min): VW017604.D\data.ms (-1836) (-)
 p-Isopropyltoluene
 Concen: 11.25 ug/l
 RT: 13.499 min Scan# 1902
 Delta R.T. 0.000 min
 Lab File: VW017602.D
 Acq: 14 Dec 2020 10:26

Tgt Ion: 119 Resp: 168855
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.8 41.3
 91 25.0 11.3 33.9





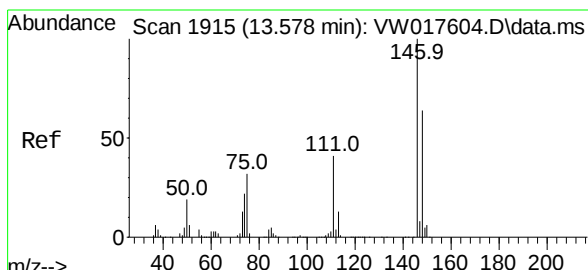
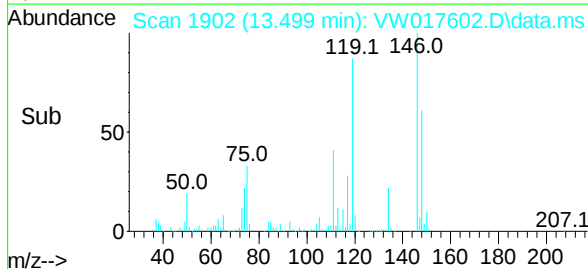
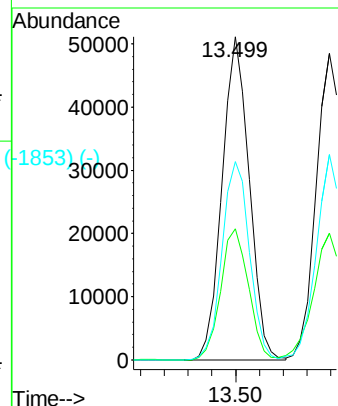
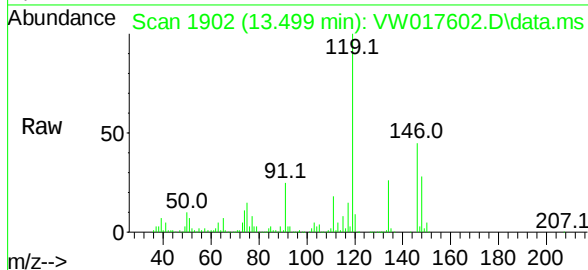
Scan 1902 (13.499 min): VW017604.D\data.ms (-1834) (-)
 1,3-Dichlorobenzene
 Concen: 10.84 ug/l
 RT: 13.499 min Scan# 1902
 Delta R.T. 0.000 min
 Lab File: VW017602.D
 Acq: 14 Dec 2020 10:26

Tgt Ion:	146	Resp:	80686
Ion	Ratio	Lower	Upper
146	100		
111	41.7	19.1	57.5
148	62.1	32.5	97.4

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

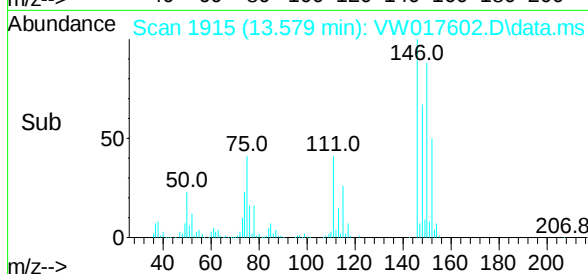
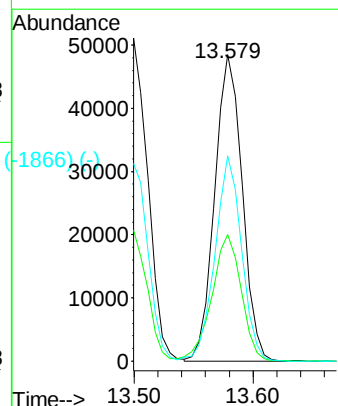
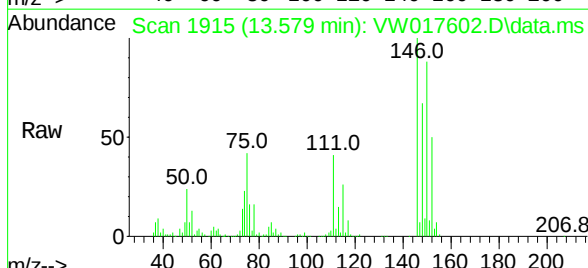
Manual Integrations
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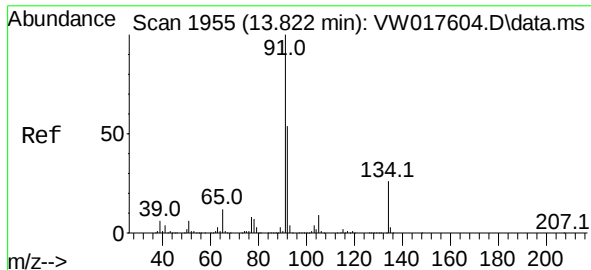
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Scan 1915 (13.578 min): VW017604.D\data.ms (-1838) (-)
 1,4-Dichlorobenzene
 Concen: 10.61 ug/l
 RT: 13.579 min Scan# 1915
 Delta R.T. 0.000 min
 Lab File: VW017602.D
 Acq: 14 Dec 2020 10:26

Tgt Ion:	146	Resp:	77820
Ion	Ratio	Lower	Upper
146	100		
111	44.0	18.5	55.5
148	64.9	31.8	95.4





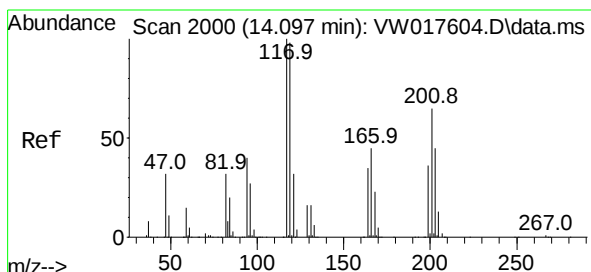
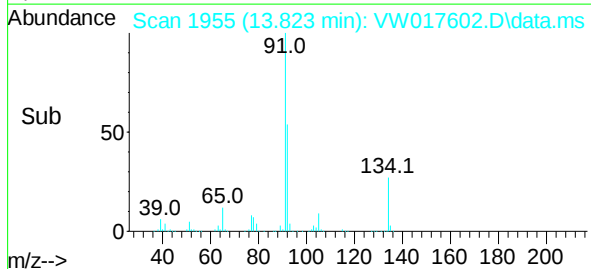
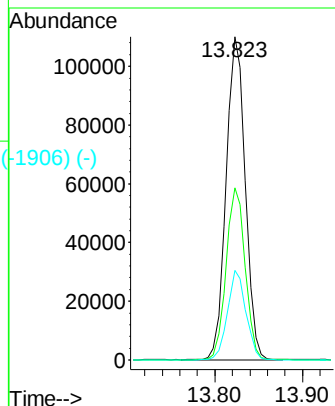
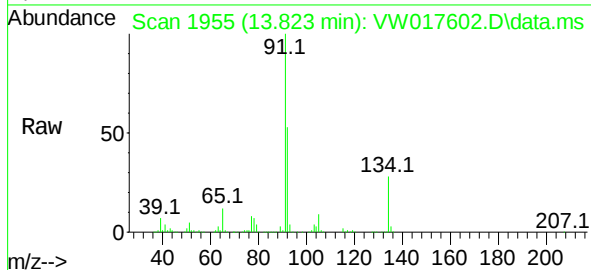
n-Butylbenzene
Concen: 11.64 ug/l
RT: 13.823 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VW017602.D
Acq: 14 Dec 2020 10:26

Tgt Ion:	91	Resp:	166432
Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.6	79.7
134	26.7	14.3	42.9

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

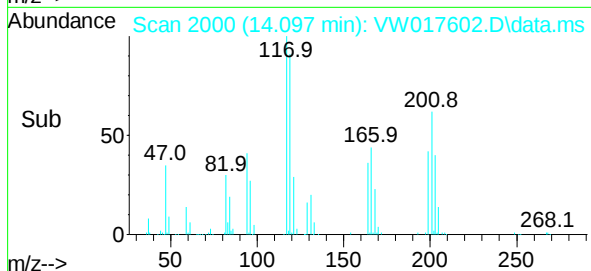
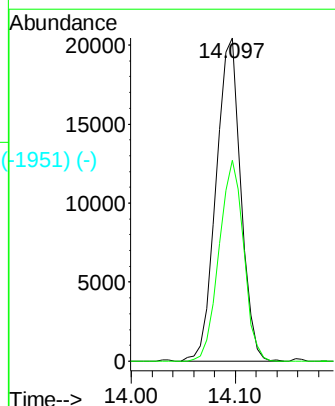
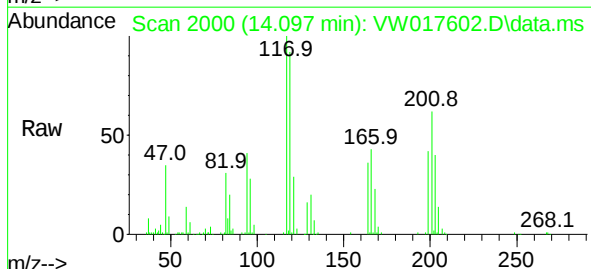
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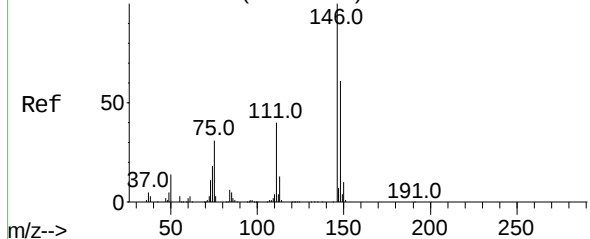


Hexachloroethane
Concen: 11.88 ug/l
RT: 14.097 min Scan# 2000
Delta R.T. 0.000 min
Lab File: VW017602.D
Acq: 14 Dec 2020 10:26

Tgt Ion:	117	Resp:	34049
Ion	Ratio	Lower	Upper
117	100		
201	61.9	41.9	125.7



Abundance Scan 1963 (13.871 min): VW017604.D\data.ms (-1914) (-)



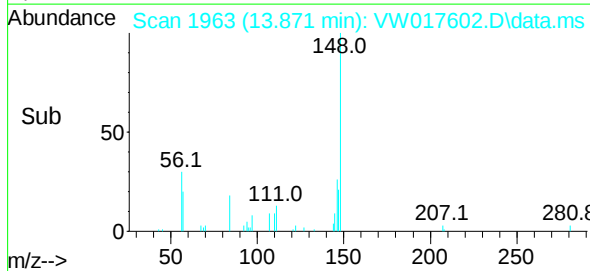
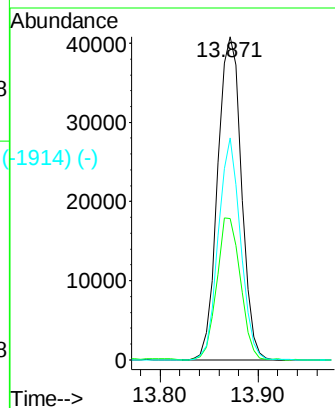
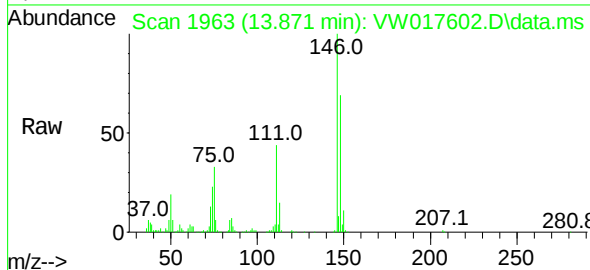
1,2-Dichlorobenzene
Concen: 10.62 ug/l
RT: 13.871 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VW017602.D
Acq: 14 Dec 2020 10:26

Tgt Ion:	146	Resp:	68740
Ion	Ratio	Lower	Upper
146	100		
111	43.9	20.1	60.3
148	64.2	33.1	99.3

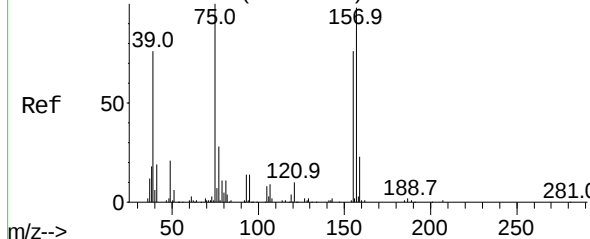
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Manual Integrations
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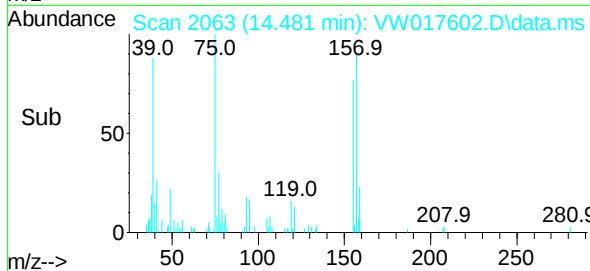
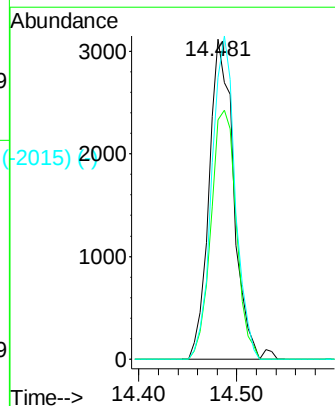
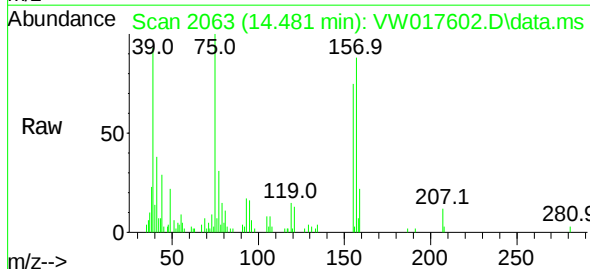


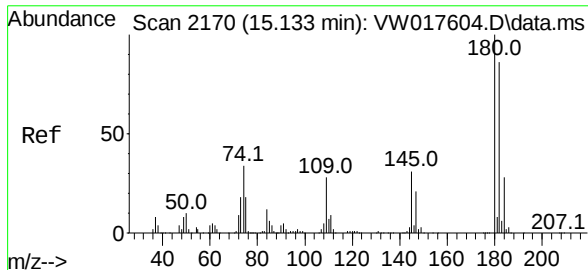
Abundance Scan 2064 (14.487 min): VW017604.D\data.ms (-2092) (-)



1,2-Dibromo-3-Chloropropane
Concen: 11.67 ug/l
RT: 14.481 min Scan# 2063
Delta R.T. -0.006 min
Lab File: VW017602.D
Acq: 14 Dec 2020 10:26

Tgt Ion:	75	Resp:	5449
Ion	Ratio	Lower	Upper
75	100		
155	79.5	47.6	142.8
157	95.6	62.2	186.6





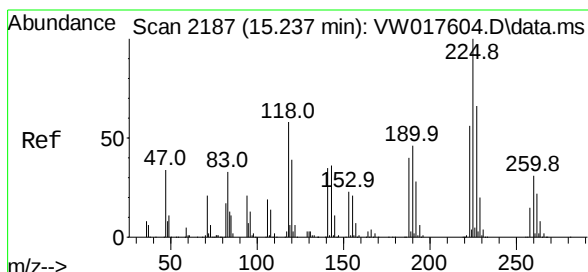
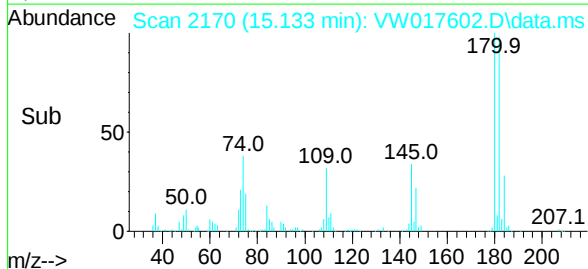
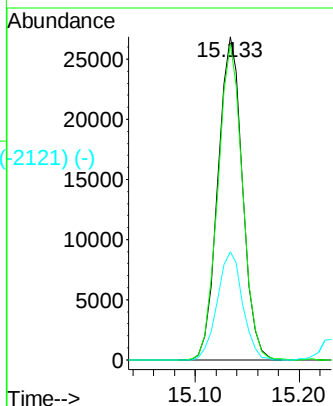
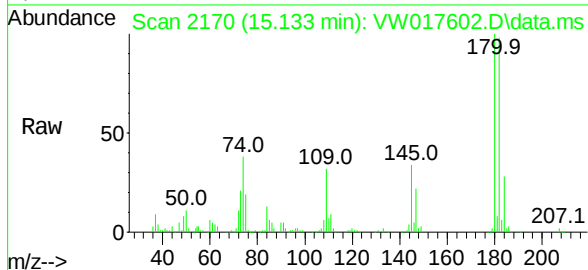
Scan 2170 (15.133 min): VW017604.D\data.ms (-2103) (-)
 1,2,4-Trichlorobenzene
 Concen: 10.16 ug/l
 RT: 15.133 min Scan# 2170
 Delta R.T. 0.000 min
 Lab File: VW017602.D
 Acq: 14 Dec 2020 10:26

Tgt Ion:	180	Resp:	44355
Ion Ratio	Lower	Upper	
180	100		
182	98.0	48.3	144.9
145	34.5	14.9	44.5

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

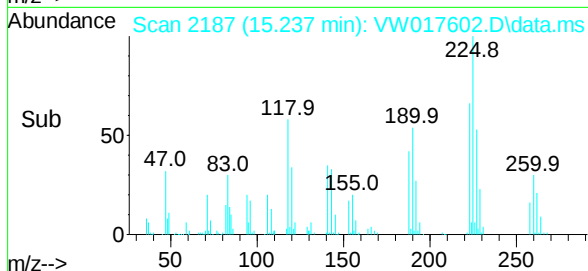
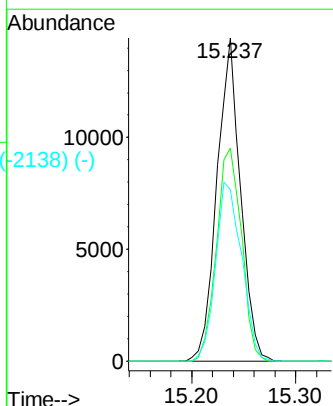
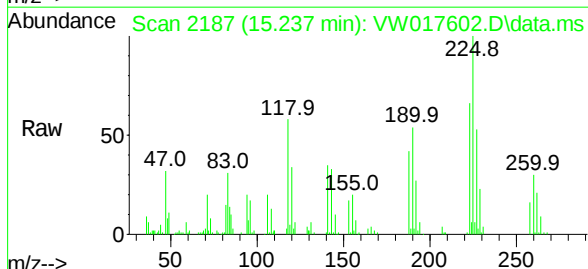
Manual Integrations
 APPROVED

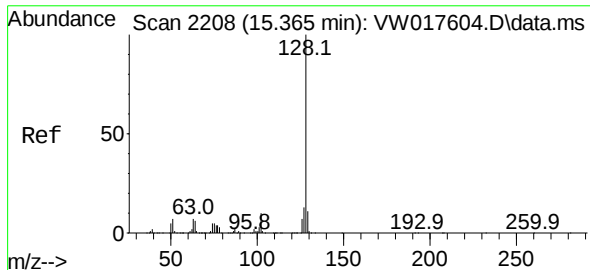
MMDadoda
 12/15/2020 4:50:20 PM



Scan 2187 (15.237 min): VW017604.D\data.ms (-2194) (-)
 Hexachlorobutadiene
 Concen: 8.91 ug/l
 RT: 15.237 min Scan# 2187
 Delta R.T. 0.000 min
 Lab File: VW017602.D
 Acq: 14 Dec 2020 10:26

Tgt Ion:	225	Resp:	22942
Ion Ratio	Lower	Upper	
225	100		
223	69.8	31.9	95.7
227	61.1	33.0	99.0





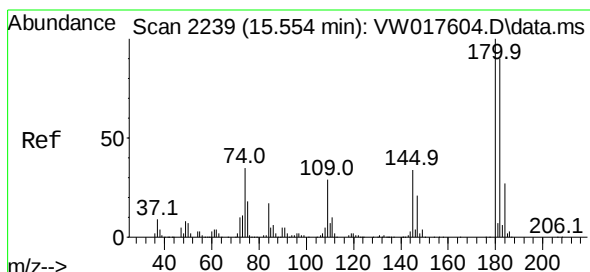
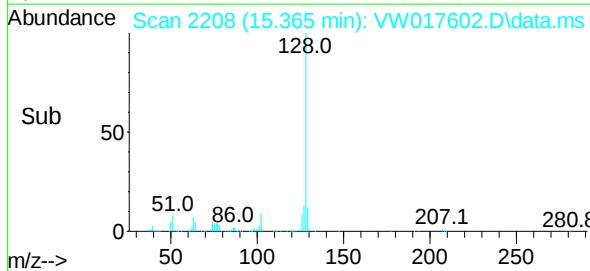
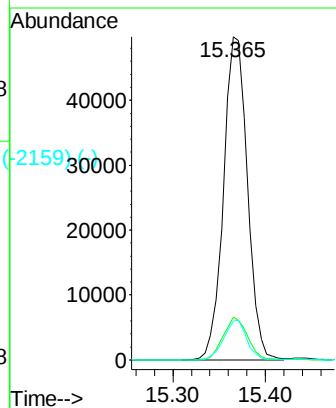
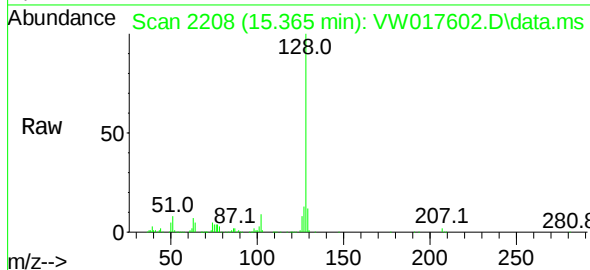
Scan 2208 (15.365 min): VW017604.D\data.ms (-2195) (-)
 Naphthalene
 Concen: 11.82 ug/l
 RT: 15.365 min Scan# 2208
 Delta R.T. 0.000 min
 Lab File: VW017602.D
 Acq: 14 Dec 2020 10:26

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.4	15.6
129	11.9	8.6	12.8

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

MMDadoda
 12/15/2020 4:50:20 PM



Scan 2239 (15.554 min): VW017604.D\data.ms (-2236) (-)
 1,2,3-Trichlorobenzene
 Concen: 9.90 ug/l
 RT: 15.554 min Scan# 2239
 Delta R.T. 0.000 min
 Lab File: VW017602.D
 Acq: 14 Dec 2020 10:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	49.4	148.2
145	36.8	16.3	48.9

