

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110819\
 Data File : VW013950.D
 Acq On : 08 Nov 2019 17:37
 Operator : SY/VA
 Sample : K5742-11MS
 Misc : 4.03G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-38-(2-4)MS

Manual Integrations
 APPROVED

MMDadoda
 11/12/2019 12:58:55 PM

Quant Time: Nov 09 04:16:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 23 14:11:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	328217	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	489023	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	418000	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	209615	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	136551	55.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.92%	
35) Dibromofluoromethane	7.88	113	143453	52.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.58%	
50) Toluene-d8	10.32	98	588946	53.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.38%	
62) 4-Bromofluorobenzene	12.62	95	199103	53.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	82520	47.723	ug/l	97
3) Chloromethane	2.21	50	97841	52.650	ug/l	98
4) Vinyl Chloride	2.37	62	142863	50.906	ug/l	100
5) Bromomethane	2.77	94	92423	50.074	ug/l	100
6) Chloroethane	2.92	64	91939	54.140	ug/l	99
7) Trichlorofluoromethane	3.25	101	96752	55.194	ug/l	99
8) Diethyl Ether	3.68	74	75237	53.125	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.07	101	135631	47.595	ug/l	98
10) Methyl Iodide	4.28	142	236622	50.955	ug/l	99
11) Tert butyl alcohol	5.15	59	45333	308.418	ug/l	98
12) 1,1-Dichloroethene	4.04	96	144869	49.215	ug/l	98
13) Acrolein	3.89	56	45618	270.897	ug/l	98
14) Allyl chloride	4.67	41	235266	51.978	ug/l	99
15) Acrylonitrile	5.36	53	157555	273.596	ug/l	99
16) Acetone	4.12	43	142314	272.603	ug/l	98
17) Carbon Disulfide	4.39	76	393016	46.490	ug/l	100
18) Methyl Acetate	4.67	43	93456	65.305	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	202024	57.192	ug/l	98
20) Methylene Chloride	4.91	84	168335	59.509	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	159260	50.268	ug/l	98
22) Diisopropyl ether	6.31	45	461817	55.934	ug/l	97
23) Vinyl Acetate	6.25	43	1181513	246.627	ug/l	99
24) 1,1-Dichloroethane	6.21	63	274808	52.555	ug/l	99
25) 2-Butanone	7.17	43	203956	271.740	ug/l	92
26) 2,2-Dichloropropane	7.17	77	147375	48.741	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	175295	52.092	ug/l	98
28) Bromochloromethane	7.51	49	100068	53.614	ug/l #	99
29) Tetrahydrofuran	7.52	42	132757	285.701	ug/l	99
30) Chloroform	7.67	83	261565	50.602	ug/l	99
31) Cyclohexane	7.95	56	263631	48.177	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	207414	51.133	ug/l	99
36) 1,1-Dichloropropene	8.08	75	213222	46.818	ug/l	99
37) Ethyl Acetate	7.24	43	88033	50.495	ug/l	99
38) Carbon Tetrachloride	8.07	117	188231	45.897	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	285353	48.517	ug/l	99
40) Benzene	8.32	78	629447	48.837	ug/l	99
41) Methacrylonitrile	7.48	41	57920	53.276	ug/l	93
42) 1,2-Dichloroethane	8.40	62	161218	49.638	ug/l	100
43) Isopropyl Acetate	8.42	43	173030	51.851	ug/l	99
44) Trichloroethene	9.09	130	175860	47.633	ug/l	98
45) 1,2-Dichloropropane	9.37	63	153619	49.900	ug/l	99
46) Dibromomethane	9.46	93	73293	49.052	ug/l	99
47) Bromodichloromethane	9.64	83	187871	48.594	ug/l	97
48) Methyl methacrylate	9.43	41	87954	53.149	ug/l	98
49) 1,4-Dioxane	9.44	88	24027	1088.188	ug/l #	95
51) 4-Methyl-2-Pentanone	10.21	43	440628	265.718	ug/l	100
52) Toluene	10.38	92	408799	49.171	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	199187	50.893	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	240414	49.788	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	111223	49.946	ug/l	97
56) Ethyl methacrylate	10.65	69	148791	53.405	ug/l	98
57) 1,3-Dichloropropane	10.93	76	192372	50.340	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	333265	259.905	ug/l	100
59) 2-Hexanone	10.97	43	305703	267.412	ug/l	99
60) Dibromochloromethane	11.13	129	127469	48.211	ug/l	99
61) 1,2-Dibromoethane	11.23	107	104643	49.670	ug/l	100
64) Tetrachloroethene	10.86	164	151950	47.578	ug/l	97
65) Chlorobenzene	11.66	112	426133	49.611	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	148052	49.388	ug/l	99
67) Ethyl Benzene	11.73	91	773650	49.950	ug/l	99
68) m/p-Xylenes	11.84	106	596157	99.625	ug/l	98
69) o-Xylene	12.16	106	280780	51.048	ug/l	97
70) Styrene	12.18	104	476522	50.424	ug/l	99
71) Bromoform	12.35	173	75004	47.677	ug/l #	99
73) Isopropylbenzene	12.46	105	763024	50.689	ug/l	100
74) N-amyl acetate	12.27	43	154795	53.159	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	122681	51.645	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	93508m	62.118	ug/l	
77) Bromobenzene	12.74	156	181750	50.542	ug/l	98
78) n-propylbenzene	12.80	91	882023	50.624	ug/l	100
79) 2-Chlorotoluene	12.89	91	498644	50.928	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	652042	51.312	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	40434	50.763	ug/l	99
82) 4-Chlorotoluene	12.99	91	514679	50.070	ug/l	98
83) tert-Butylbenzene	13.21	119	571336	50.652	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	662396	52.843	ug/l	100
85) sec-Butylbenzene	13.38	105	775003	50.245	ug/l	100
86) p-Isopropyltoluene	13.50	119	733837	51.074	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	347936	49.938	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	345466	49.910	ug/l	99
89) n-Butylbenzene	13.82	91	653480	50.388	ug/l	100
90) Hexachloroethane	14.09	117	122157	48.914	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	310768	51.442	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	18479	51.444	ug/l	98

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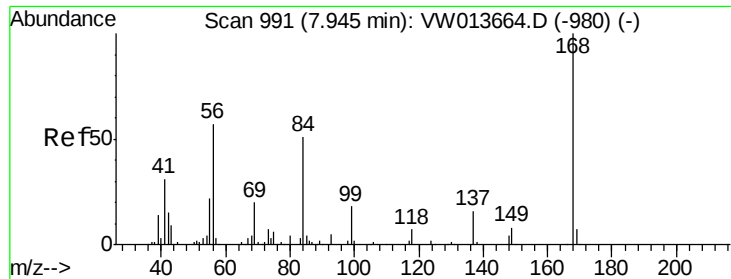
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	225542	51.300	ug/l	99
94) Hexachlorobutadiene	15.24	225	145761	49.110	ug/l	98
95) Naphthalene	15.36	128	397997	57.738	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	194376	51.309	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW013950.D

Acq: 08 Nov 2019 17:37

Instrument :

MSVOA_W

ClientSampleId :

SB-38-(2-4)MS

Tot Ion:168 Resp: 328217

Ion Ratio Lower Upper

168 100

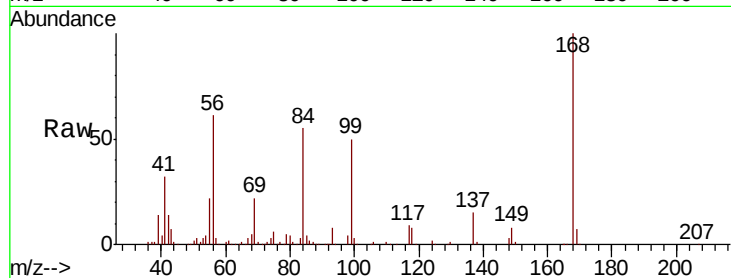
99 50.4 39.0 58.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

150000

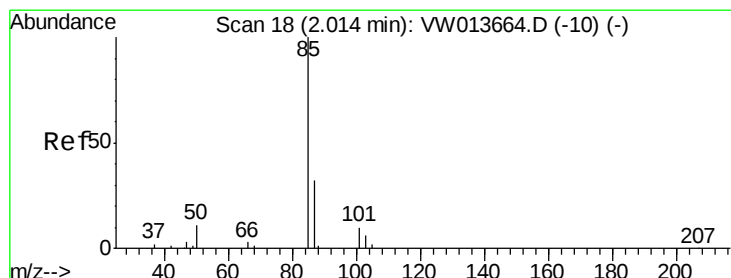
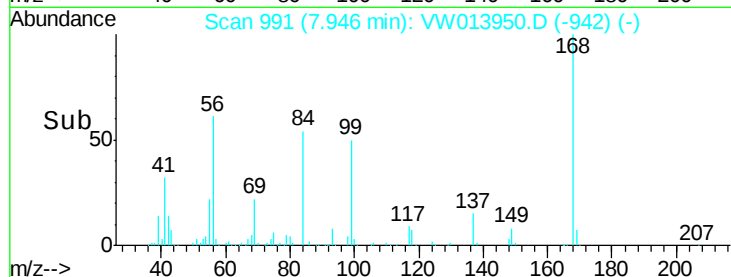
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50000

0

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 47.723 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW013950.D

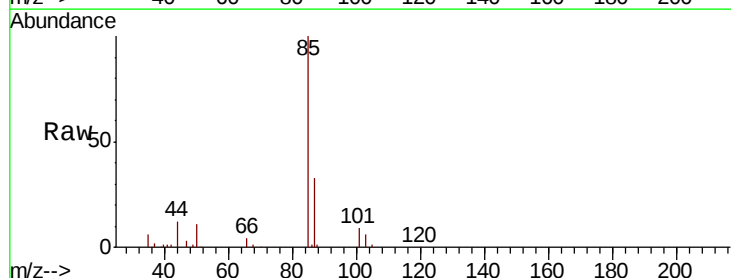
Acq: 08 Nov 2019 17:37

Tgt Ion: 85 Resp: 82520

Ion Ratio Lower Upper

85 100

87 33.5 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

30000

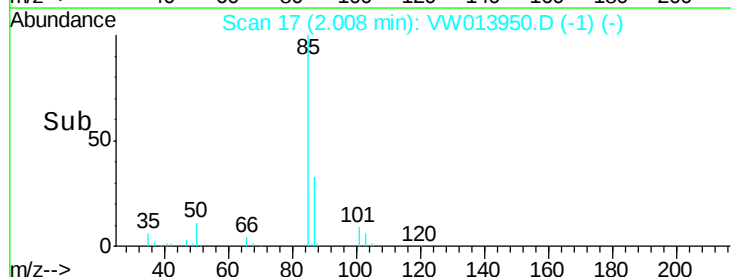
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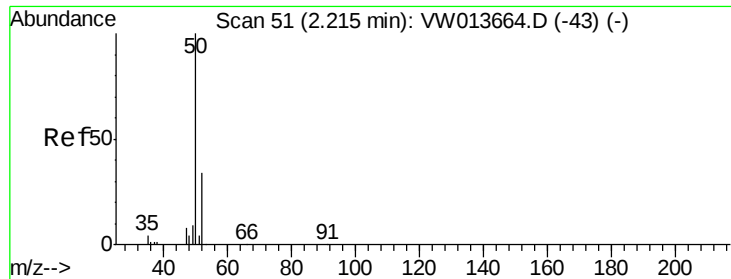
10000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 52.650 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW013950.D

Acq: 08 Nov 2019 17:37

Instrument :

MSVOA_W

ClientSampleId :

SB-38-(2-4)MS

Tot Ion: 50 Resp: 97841

Ion Ratio Lower Upper

50 100

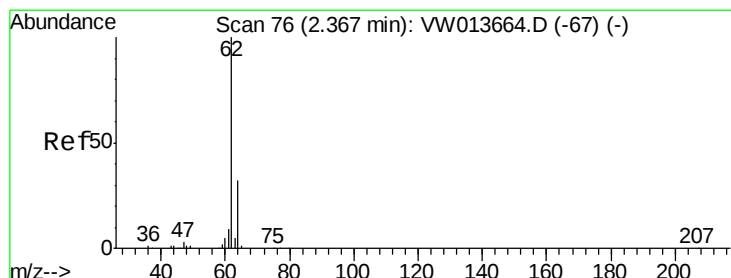
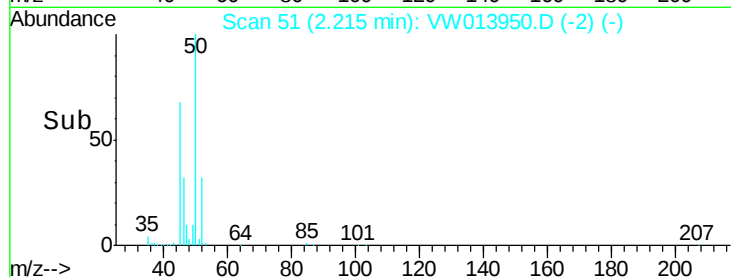
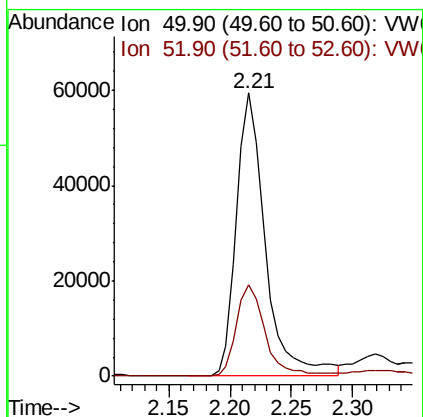
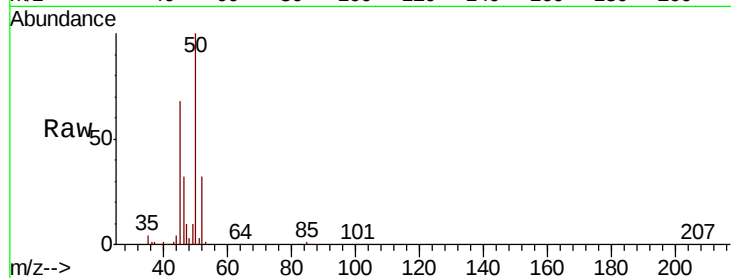
52 32.3 26.9 40.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 50.906 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW013950.D

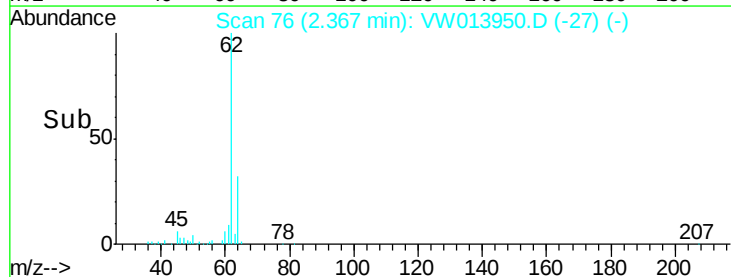
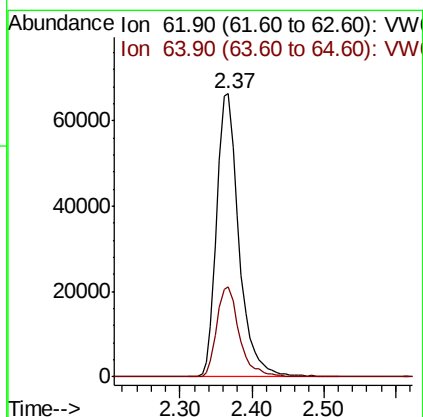
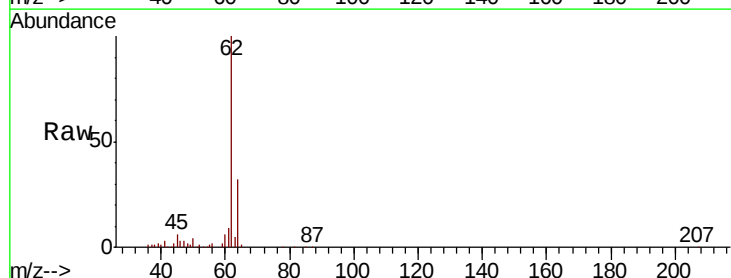
Acq: 08 Nov 2019 17:37

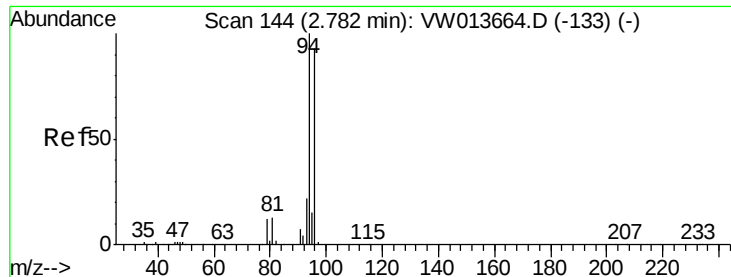
Tgt Ion: 62 Resp: 142863

Ion Ratio Lower Upper

62 100

64 31.8 25.5 38.3





#5

Bromomethane

Concen: 50.074 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW013950.D

Acq: 08 Nov 2019 17:37

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Tot Ion: 94 Resp: 92423

Ion Ratio Lower Upper

94 100

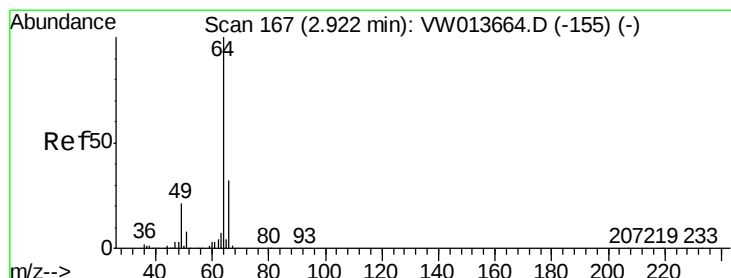
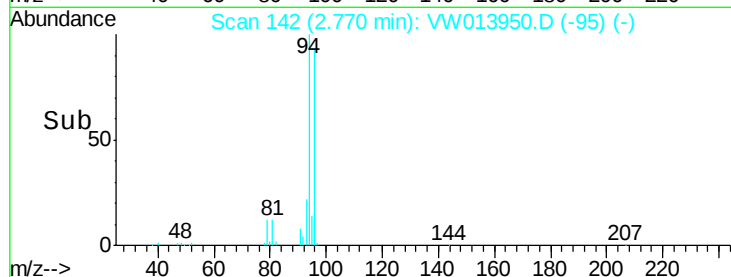
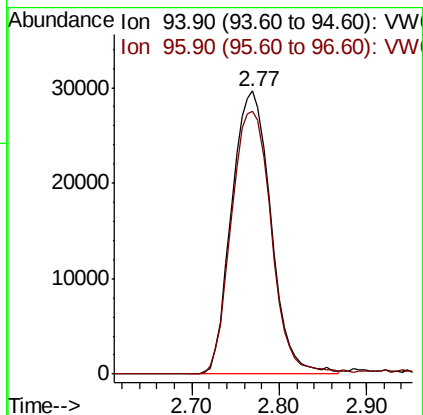
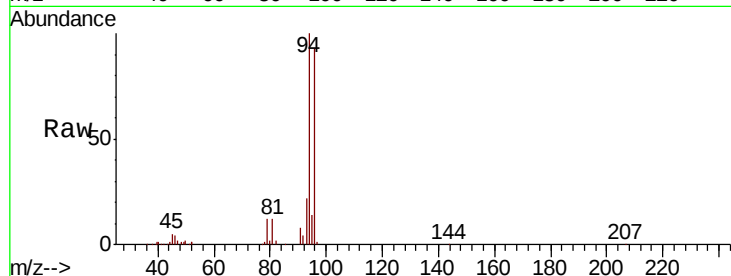
96 93.0 74.6 112.0

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#6

Chloroethane

Concen: 54.140 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.00 min

Lab File: VW013950.D

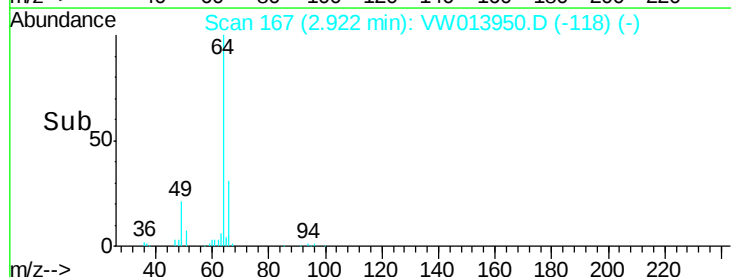
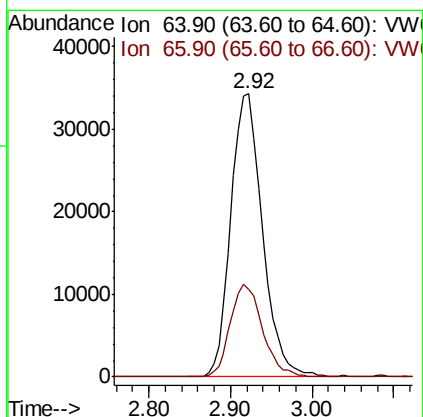
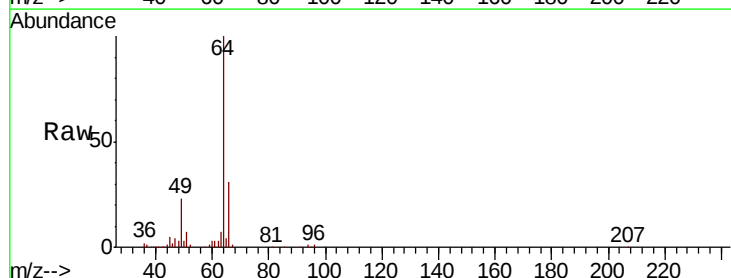
Acq: 08 Nov 2019 17:37

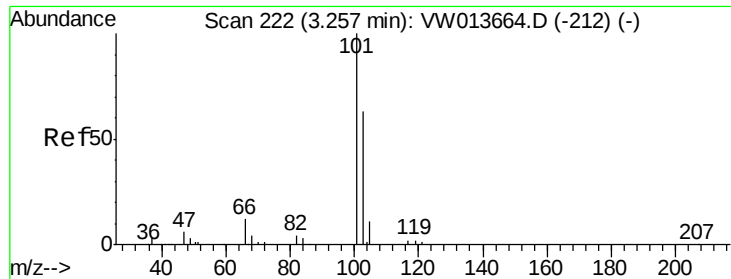
Tgt Ion: 64 Resp: 91939

Ion Ratio Lower Upper

64 100

66 31.1 25.4 38.0





#7

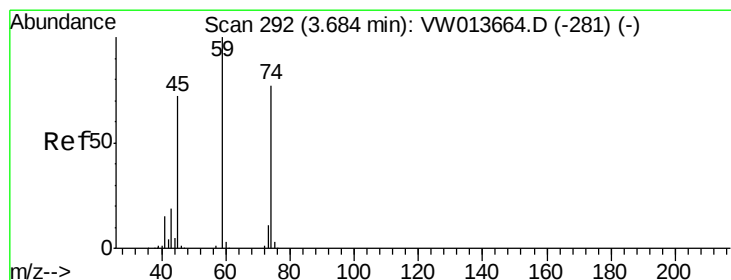
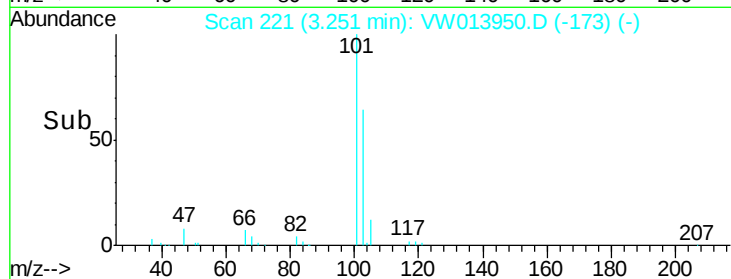
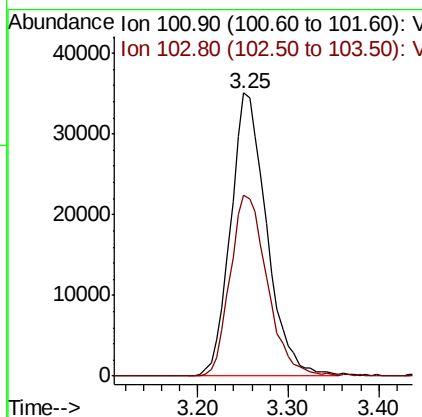
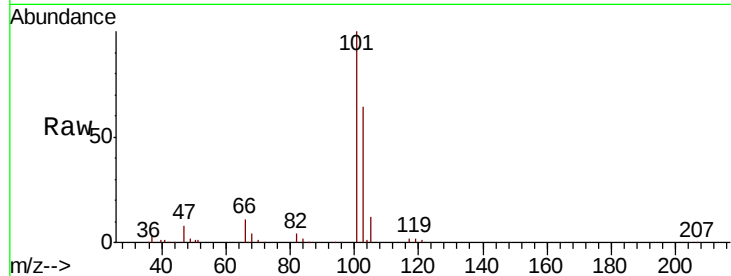
Trichlorofluoromethane
 Concen: 55.194 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW013950.D
 Acq: 08 Nov 2019 17:37

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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.9	50.6	76.0

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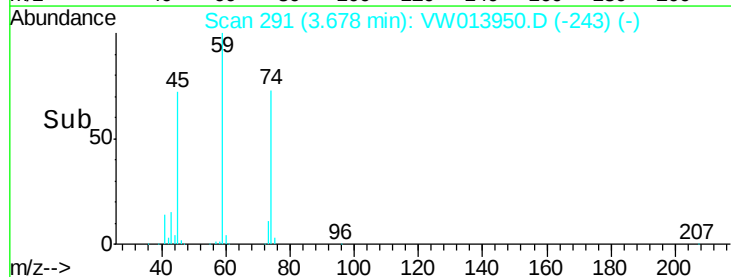
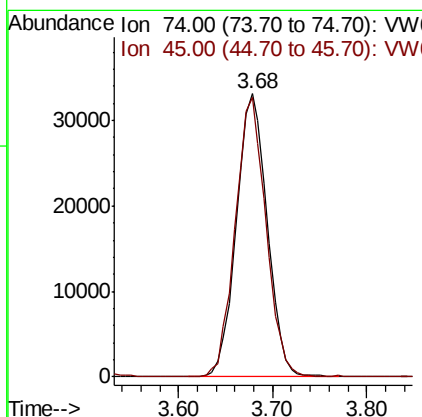
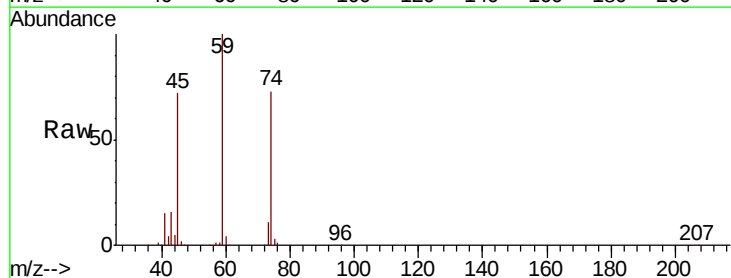
MMDadoda
 11/12/2019 12:58:55 PM

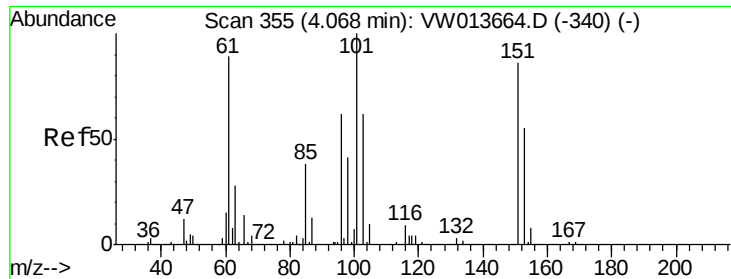


#8

Diethyl Ether
 Concen: 53.125 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW013950.D
 Acq: 08 Nov 2019 17:37

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.4	47.9	143.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.595 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.00 min

Lab File: VW013950.D

Acq: 08 Nov 2019 17:37

Instrument :

MSVOA_W

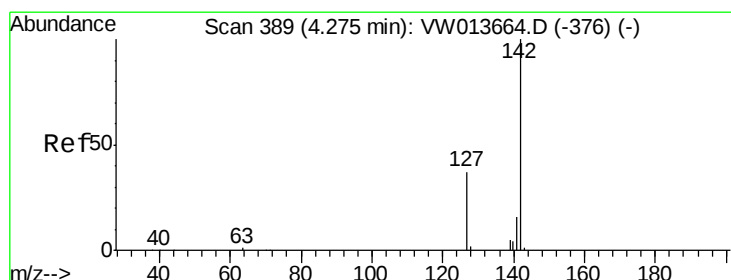
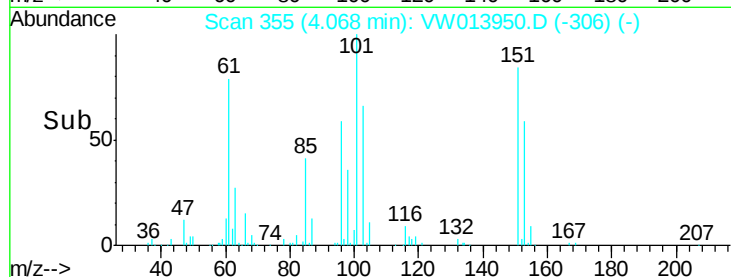
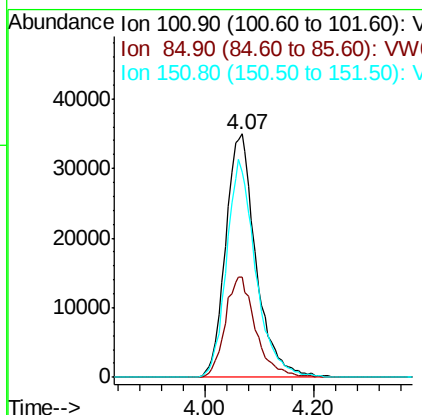
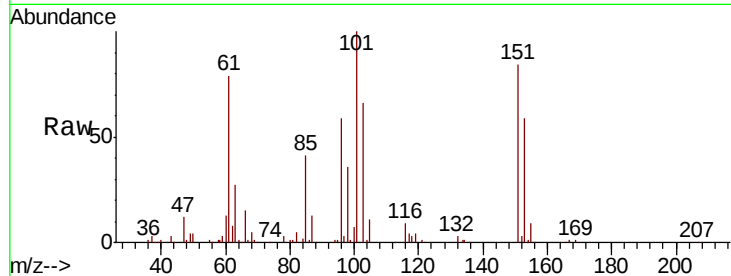
ClientSampleId :

SB-38-(2-4)MS

Tot Ion:	101	Resp:	135631
Ion Ratio	Lower	Upper	
101	100		
85	41.4	31.0	46.6
151	86.2	68.2	102.4

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#10

Methyl Iodide

Concen: 50.955 ug/l

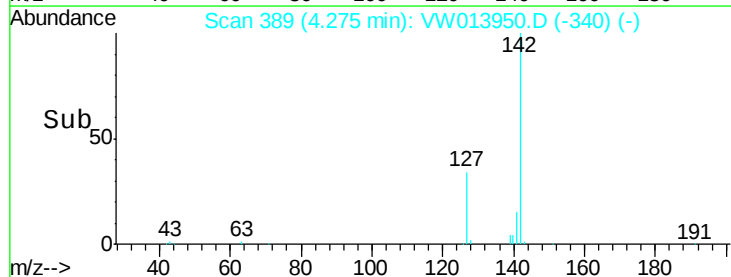
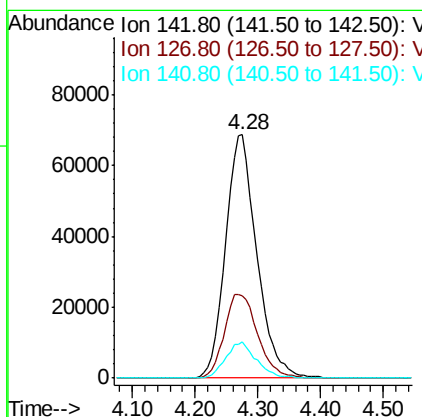
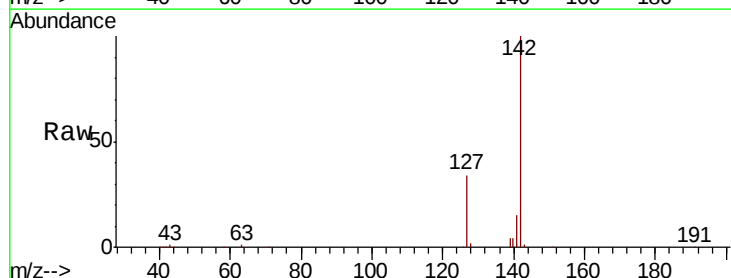
RT: 4.28 min Scan# 389

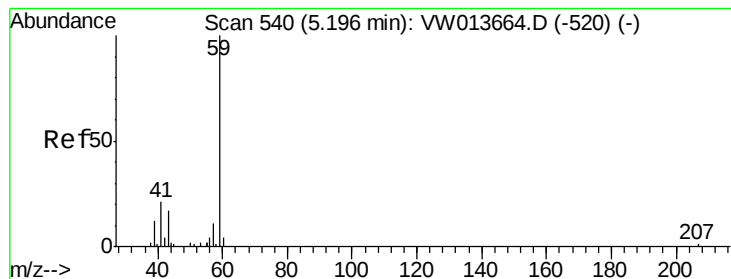
Delta R.T. 0.00 min

Lab File: VW013950.D

Acq: 08 Nov 2019 17:37

Tgt Ion:	142	Resp:	236622
Ion Ratio	Lower	Upper	
142	100		
127	36.9	30.3	45.5
141	14.5	11.8	17.8





#11

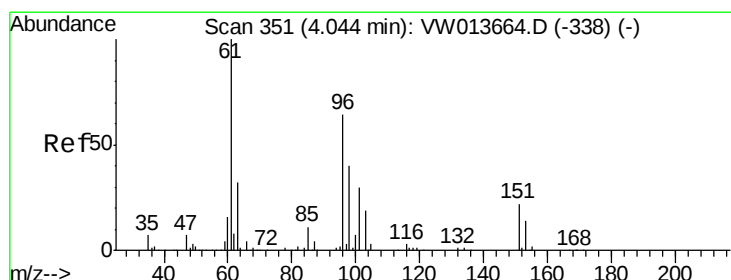
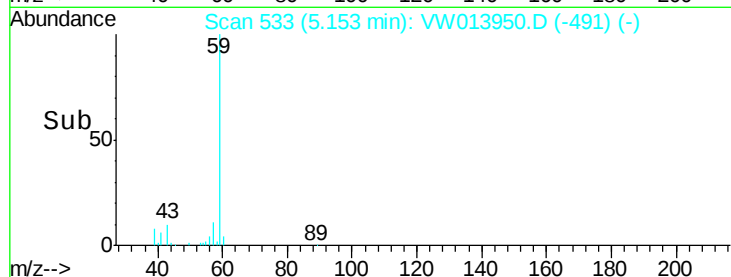
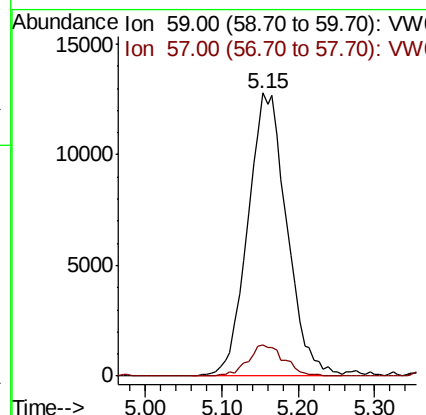
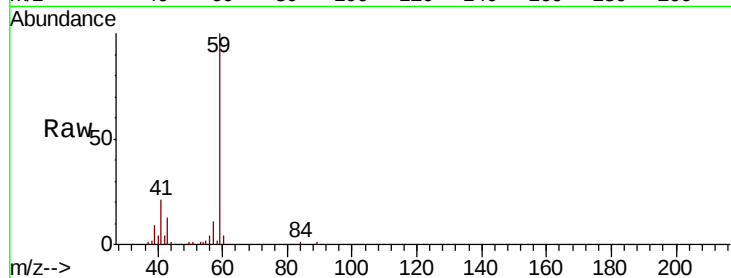
Tert butyl alcohol
Concen: 308.418 ug/l
RT: 5.15 min Scan# 533
Delta R.T. -0.04 min
Lab File: VW013950.D
Acq: 08 Nov 2019 17:37

Instrument :
MSVOA_W
ClientSampleId :
SB-38-(2-4)MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.8	13.2

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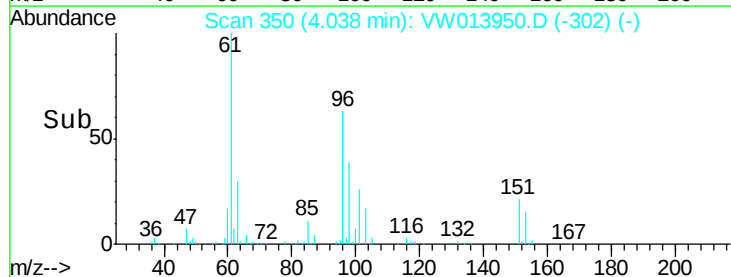
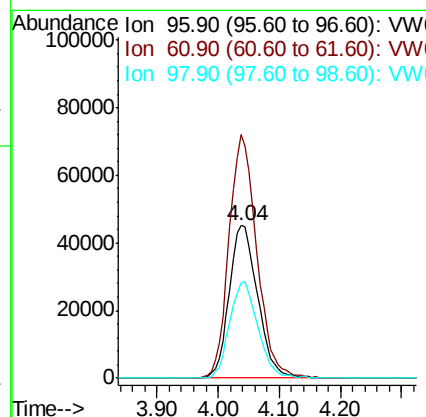
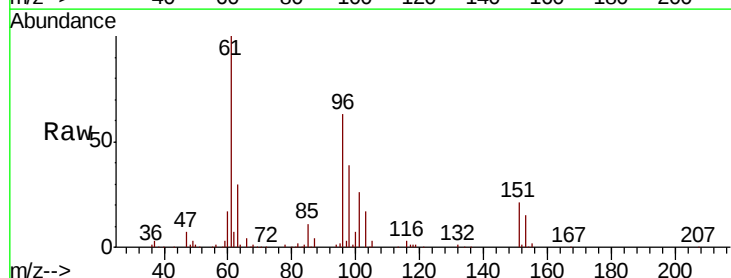
MMDadoda
11/12/2019 12:58:55 PM

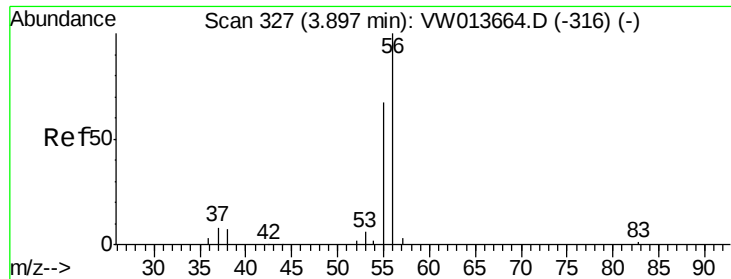


#12

1,1-Dichloroethene
Concen: 49.215 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW013950.D
Acq: 08 Nov 2019 17:37

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.7	125.0	187.6
98	62.4	50.3	75.5





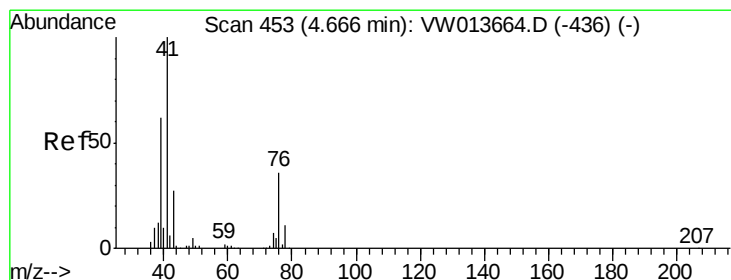
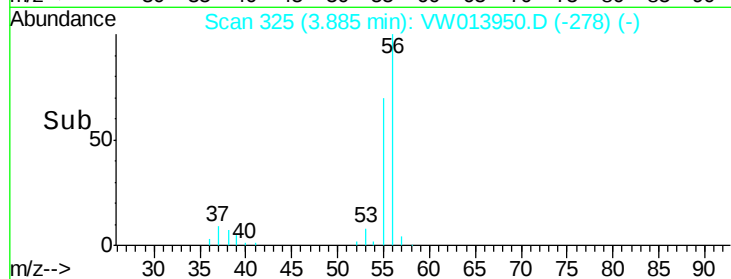
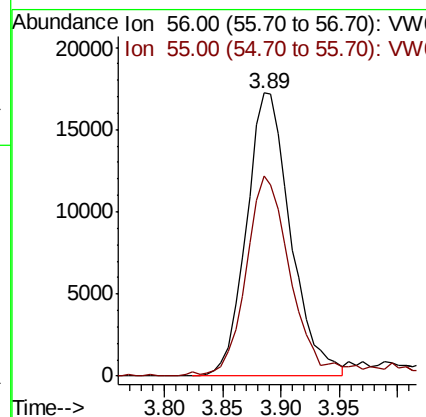
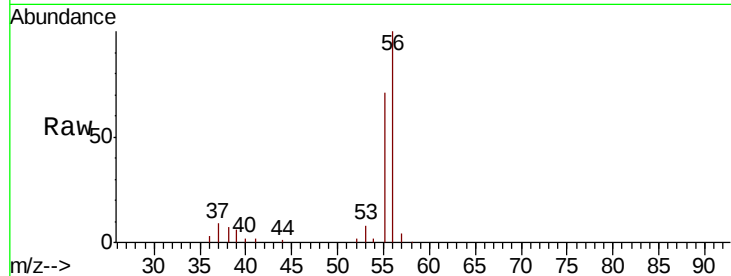
#13
Acrolein
Concen: 270.897 ug/l
RT: 3.89 min Scan# 325
Delta R.T. -0.01 min
Lab File: VW013950.D
Acq: 08 Nov 2019 17:37

Instrument :
MSVOA_W
ClientSampleId :
SB-38-(2-4)MS

Tot Ion	56	55	Resp	Lower	Upper
45618	100	71.6		56.1	84.1

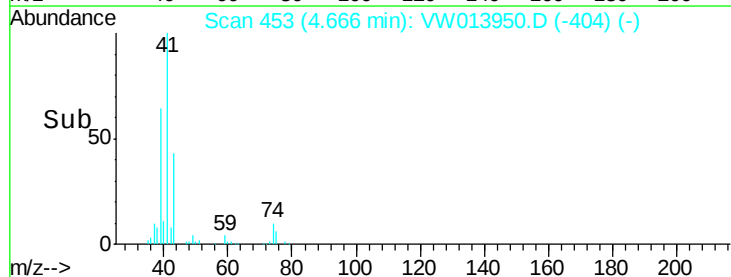
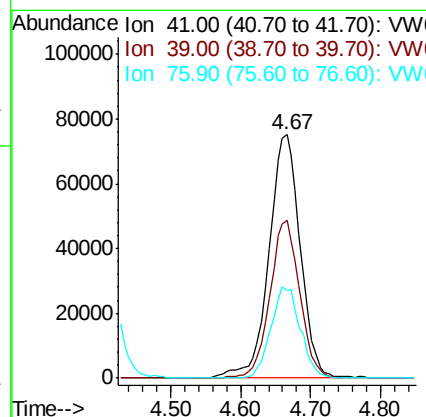
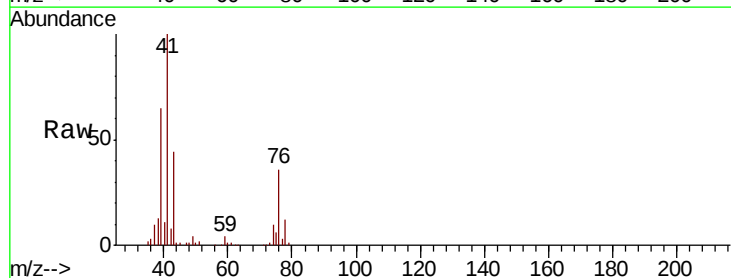
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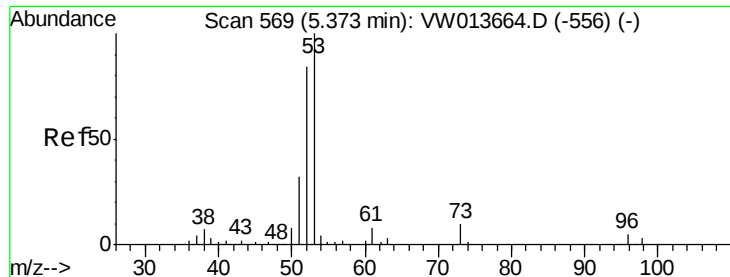
MMDadoda
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#14
Allyl chloride
Concen: 51.978 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW013950.D
Acq: 08 Nov 2019 17:37

Tgt Ion	41	39	76	Resp	Lower	Upper
235266	100	62.0	35.6		50.0	75.0





#15

Acrylonitrile

Concen: 273.596 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW013950.D

Acq: 08 Nov 2019 17:37

Instrument :

MSVOA_W

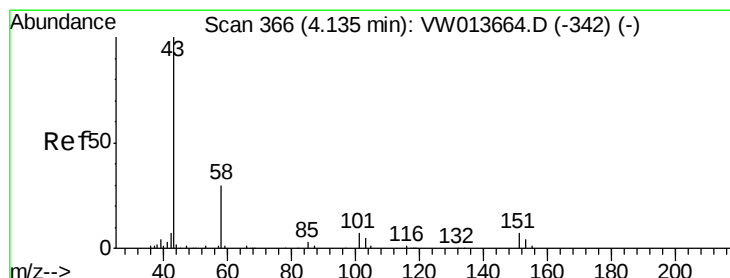
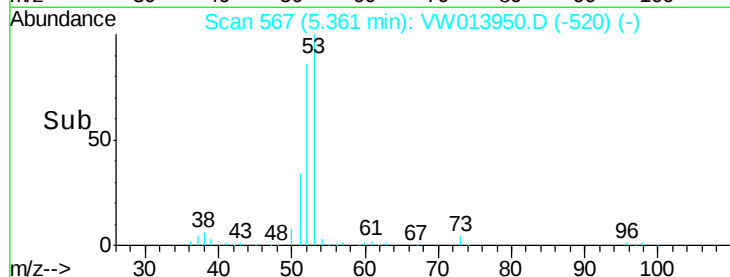
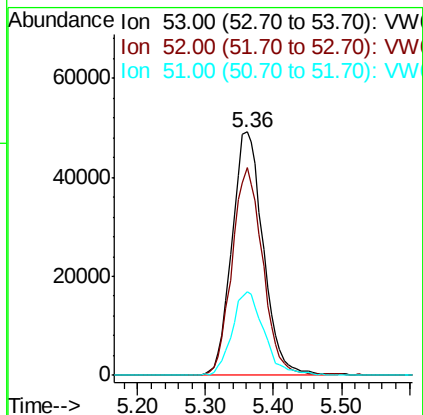
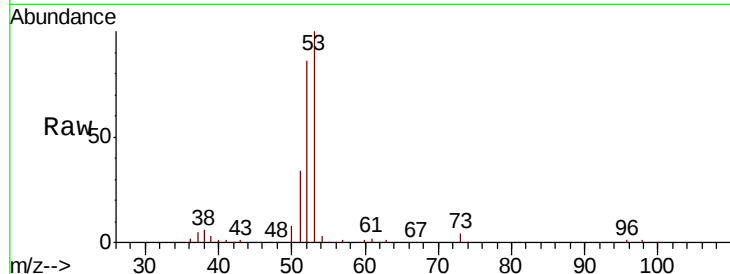
ClientSampleId :

SB-38-(2-4)MS

Tot Ion:	53	Resp:	157555
Ion Ratio	Lower	Upper	
53	100		
52	83.1	67.4	101.0
51	35.3	29.1	43.7

Manual Integrations
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#16

Acetone

Concen: 272.603 ug/l

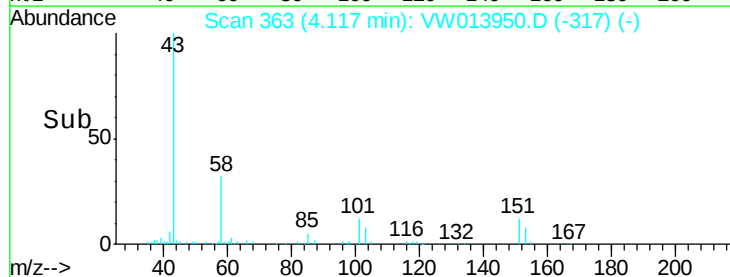
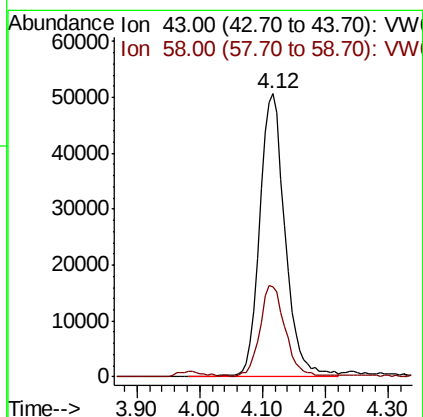
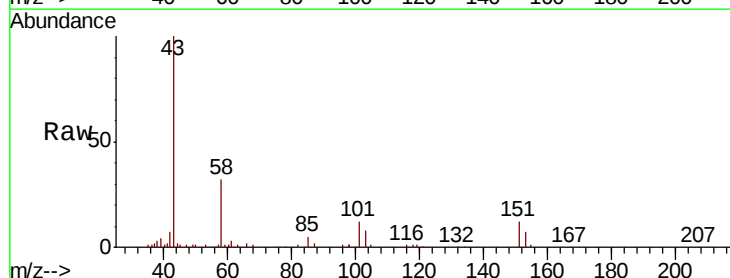
RT: 4.12 min Scan# 363

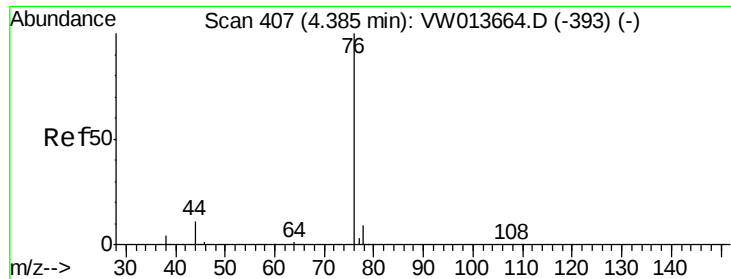
Delta R.T. -0.02 min

Lab File: VW013950.D

Acq: 08 Nov 2019 17:37

Tgt Ion:	43	Resp:	142314
Ion Ratio	Lower	Upper	
43	100		
58	31.2	24.1	36.1





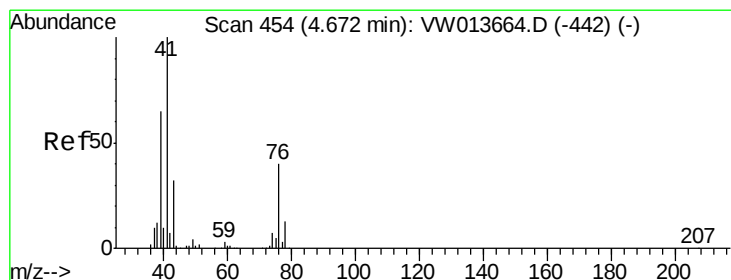
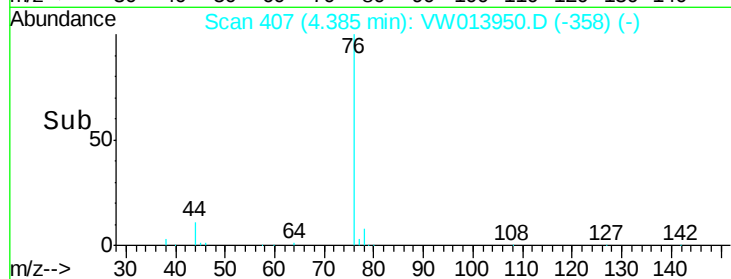
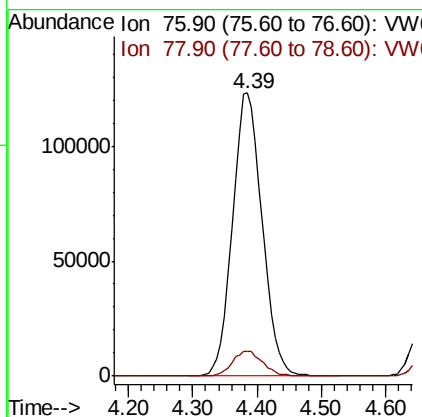
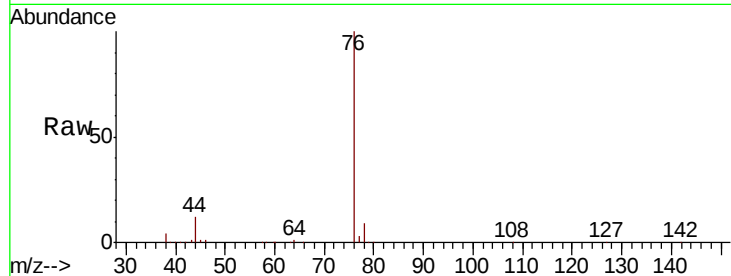
#17
Carbon Disulfide
Concen: 46.490 ug/l
RT: 4.39 min Scan# 407
Delta R.T. 0.00 min
Lab File: VW013950.D
Acq: 08 Nov 2019 17:37

Instrument :
MSVOA_W
ClientSampleId :
SB-38-(2-4)MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.0	10.6

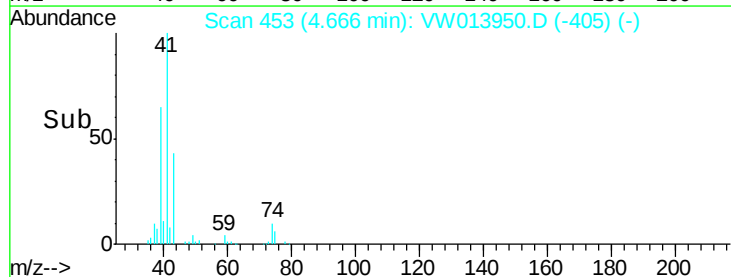
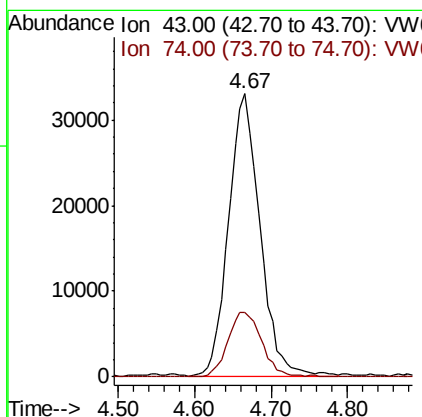
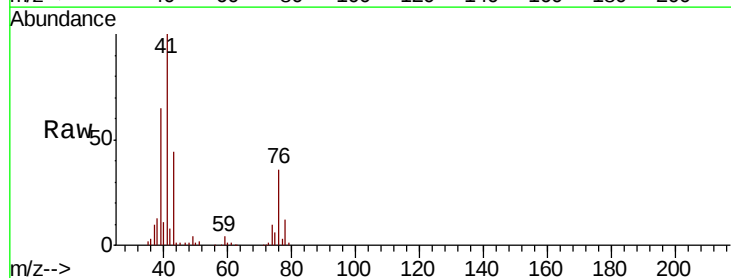
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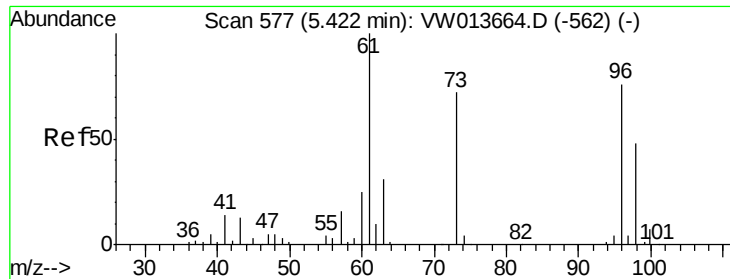
MMDadoda
11/12/2019 12:58:55 PM



#18
Methyl Acetate
Concen: 65.305 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.01 min
Lab File: VW013950.D
Acq: 08 Nov 2019 17:37

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.5	19.8	29.8





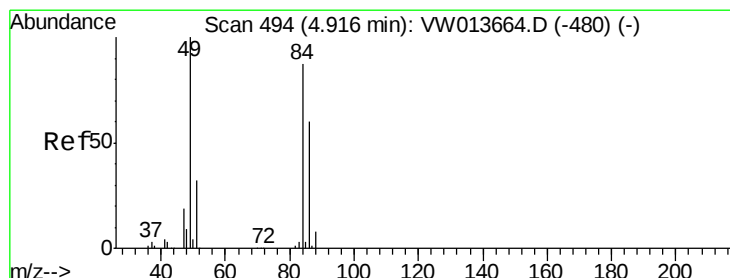
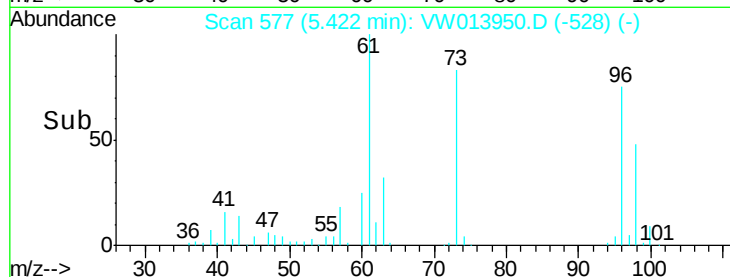
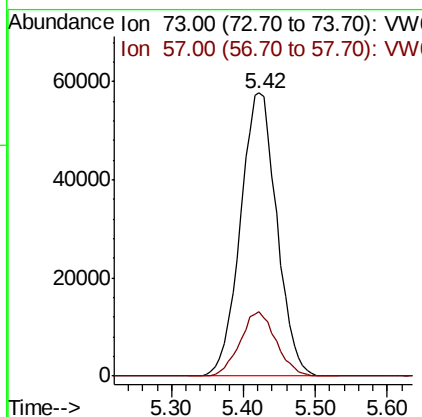
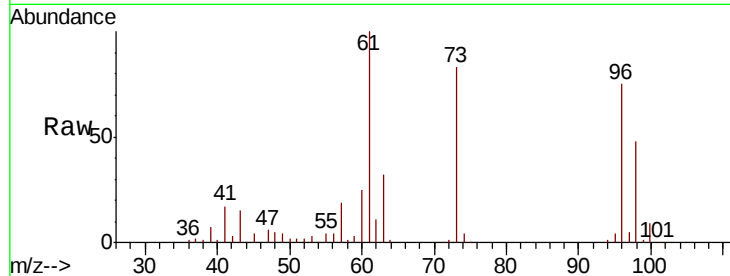
#19
Methvl tert-butvl Ether
Concen: 57.192 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW013950.D
Acq: 08 Nov 2019 17:37

Instrument :
MSVOA_W
ClientSampleId :
SB-38-(2-4)MS

Tot Ion: 73 Resp: 202024
Ion Ratio Lower Upper
73 100
57 23.0 17.6 26.4

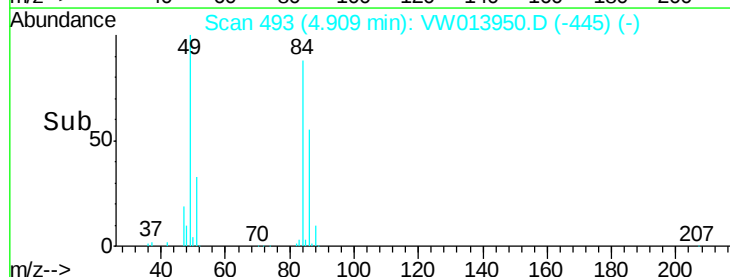
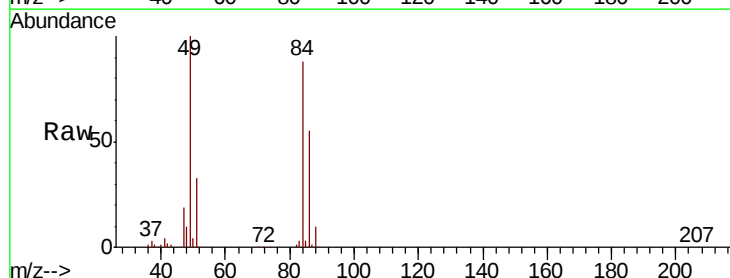
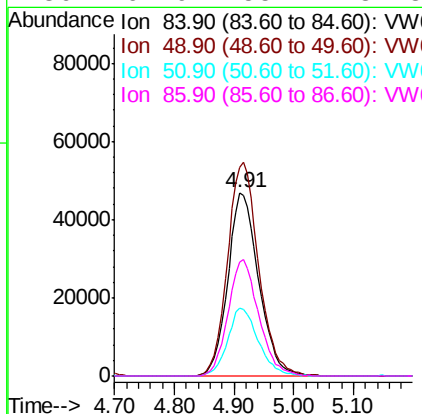
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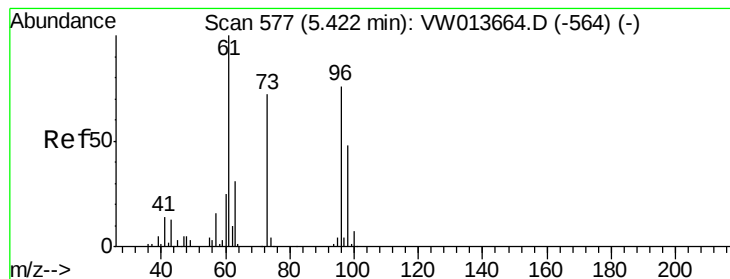
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#20
Methylene Chloride
Concen: 59.509 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW013950.D
Acq: 08 Nov 2019 17:37

Tgt Ion: 84 Resp: 168335
Ion Ratio Lower Upper
84 100
49 113.4 91.8 137.6
51 37.1 29.8 44.6
86 61.9 55.2 82.8





#21

trans-1,2-Dichloroethene

Concen: 50.268 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW013950.D

Acq: 08 Nov 2019 17:37

Instrument :

MSVOA_W

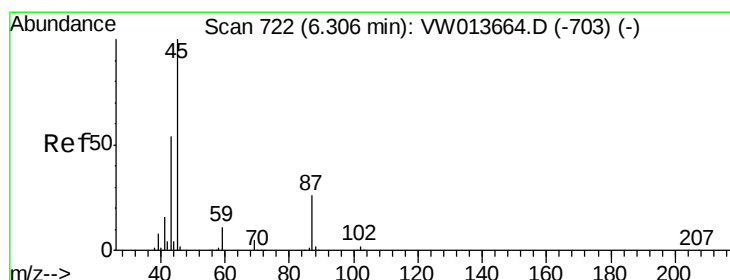
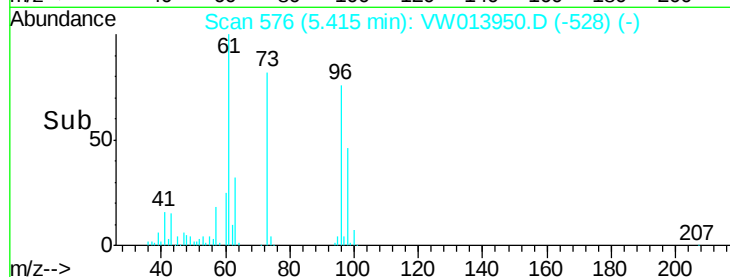
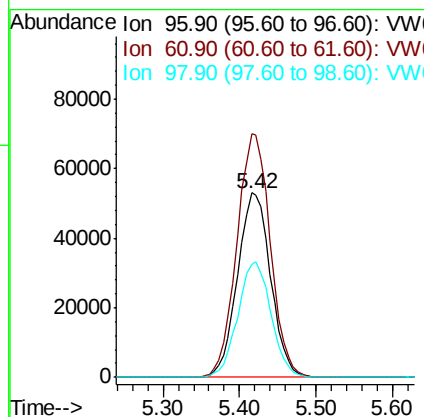
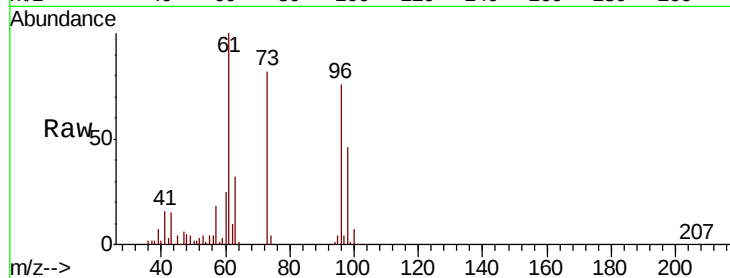
ClientSampleId :

SB-38-(2-4)MS

Tot Ion:	96	Resp:	159260
Ion	Ratio	Lower	Upper
96	100		
61	132.2	104.8	157.2
98	61.2	50.6	76.0

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#22

Diisopropyl ether

Concen: 55.934 ug/l

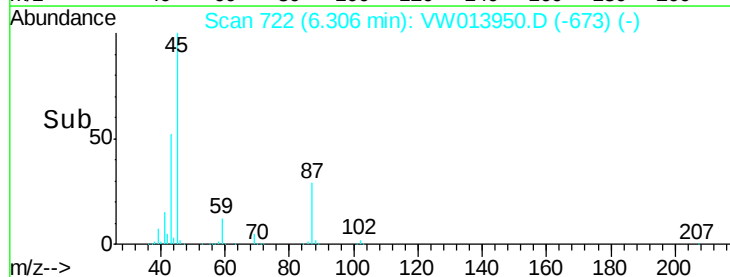
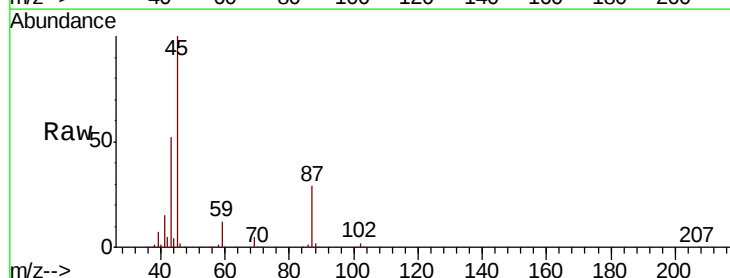
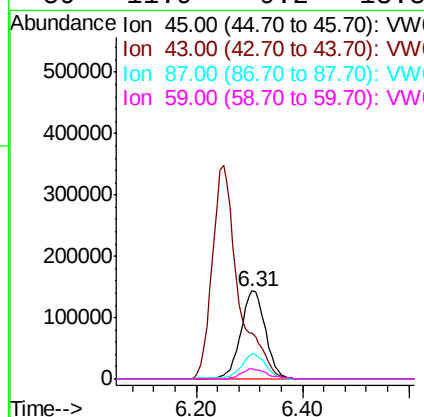
RT: 6.31 min Scan# 722

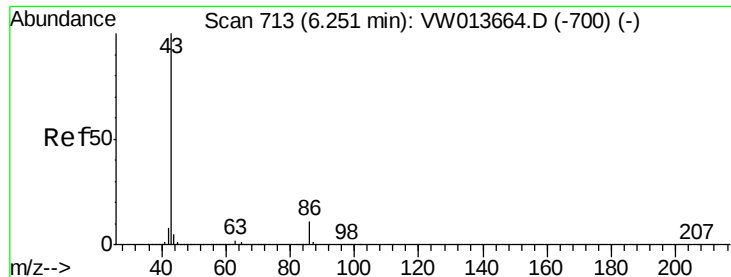
Delta R.T. 0.00 min

Lab File: VW013950.D

Acq: 08 Nov 2019 17:37

Tgt Ion:	45	Resp:	461817
Ion	Ratio	Lower	Upper
45	100		
43	51.8	43.4	65.2
87	29.0	21.5	32.3
59	11.9	9.2	13.8





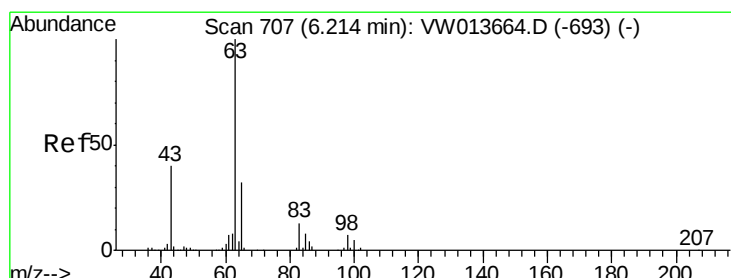
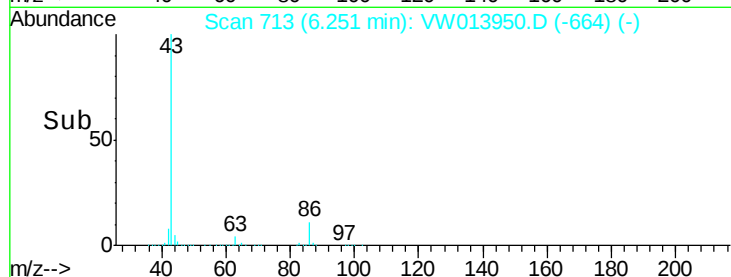
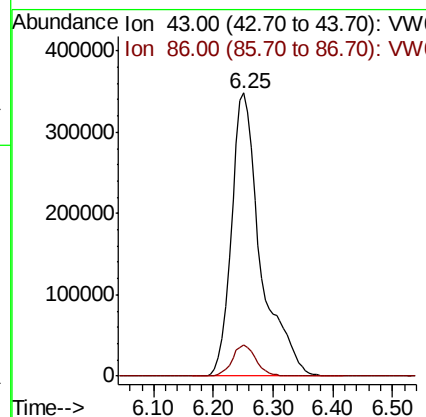
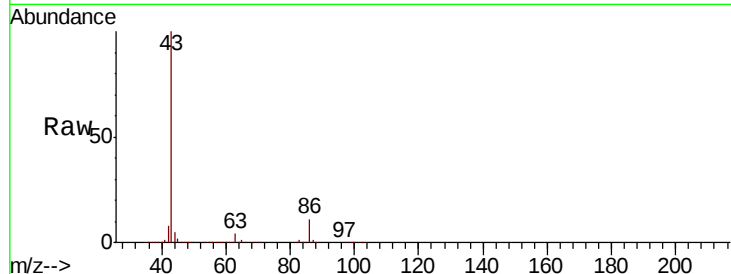
#23
 Vinyl Acetate
 Concen: 246.627 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VW013950.D
 Acq: 08 Nov 2019 17:37

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-38-(2-4)MS

Tot Ion: 43 Resp: 1181513
 Ion Ratio Lower Upper
 43 100
 86 11.0 9.0 13.6

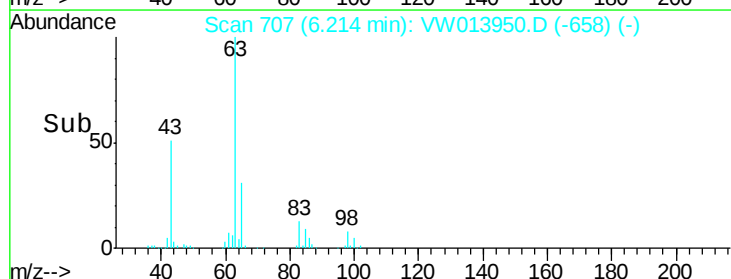
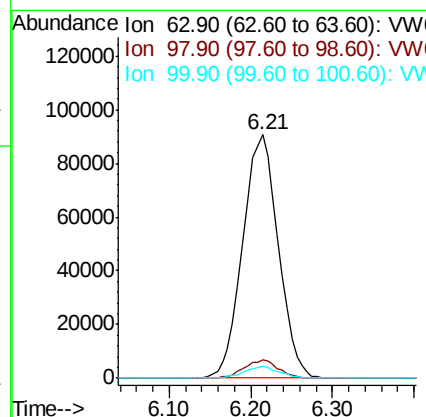
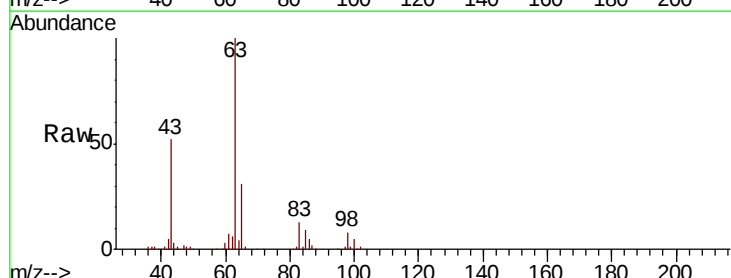
Manual Integrations
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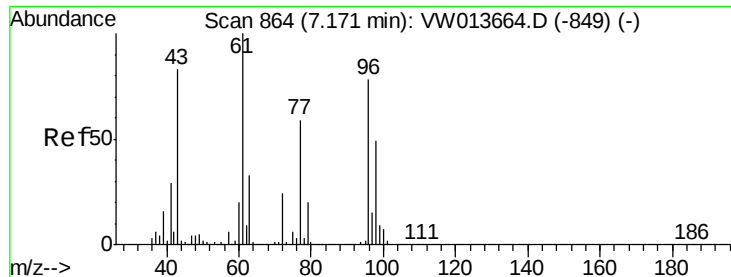
MMDadoda
 11/12/2019 12:58:55 PM



#24
 1,1-Dichloroethane
 Concen: 52.555 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: VW013950.D
 Acq: 08 Nov 2019 17:37

Tgt Ion: 63 Resp: 274808
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.6 10.9
 100 4.7 2.5 7.4





#25

2-Butanone

Concen: 271.740 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW013950.D

Acq: 08 Nov 2019 17:37

Instrument :

MSVOA_W

ClientSampleId :

SB-38-(2-4)MS

Tot Ion: 43 Resp: 203956

Ion Ratio Lower Upper

43 100

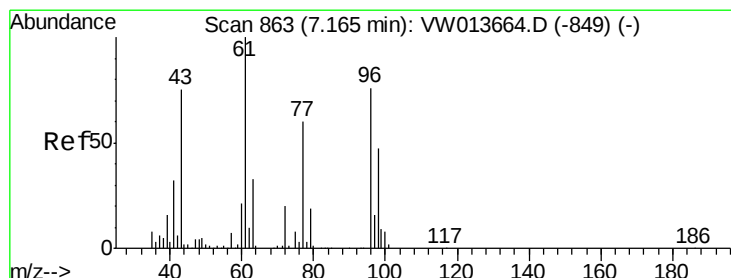
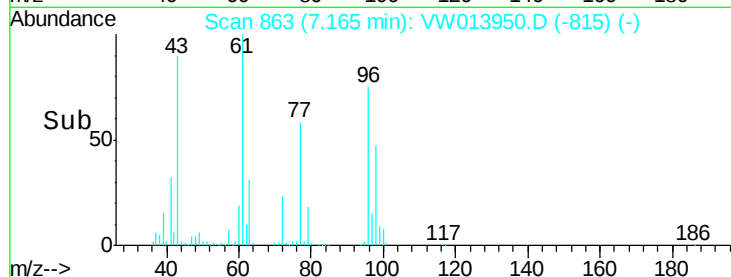
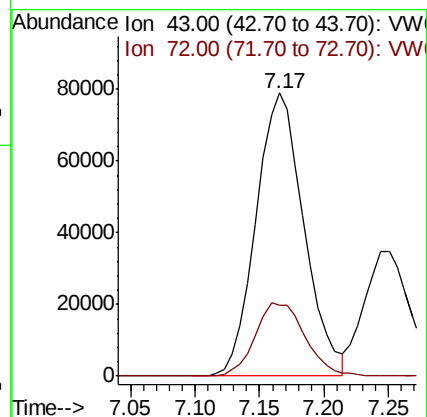
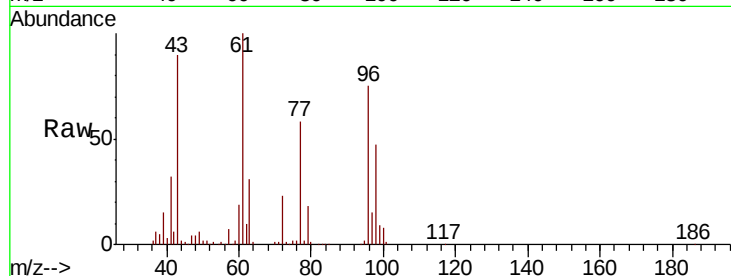
72 25.2 23.6 35.4

Manual Integrations

APPROVED

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#26

2,2-Dichloropropane

Concen: 48.741 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW013950.D

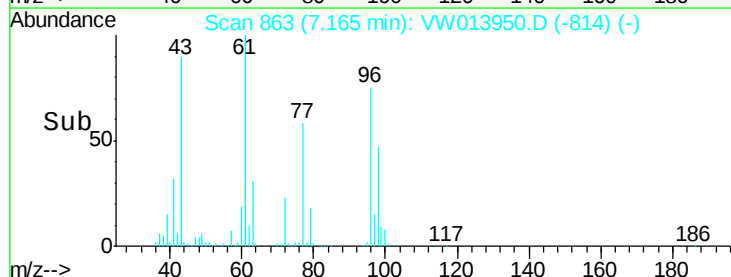
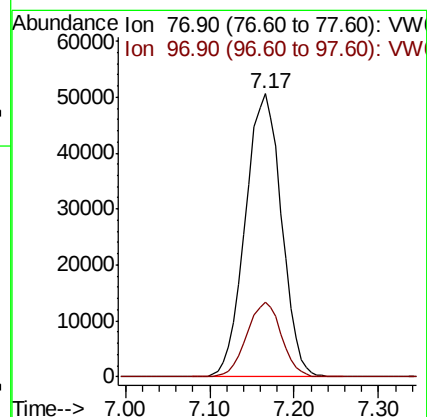
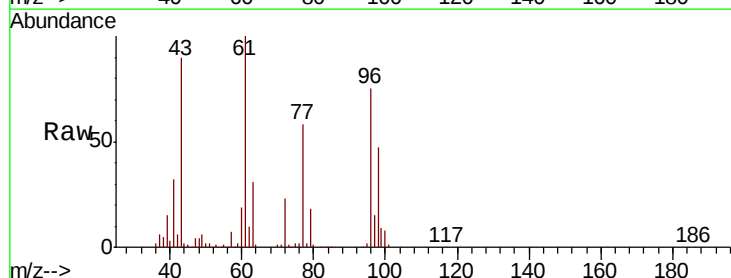
Acq: 08 Nov 2019 17:37

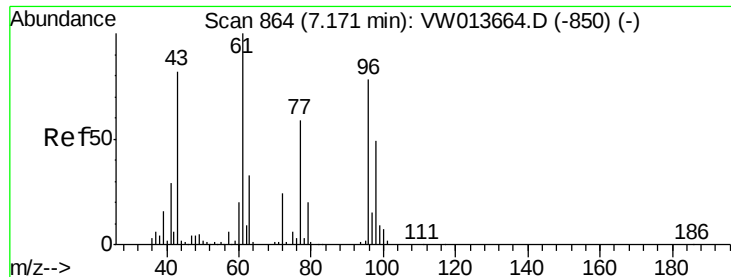
Tgt Ion: 77 Resp: 147375

Ion Ratio Lower Upper

77 100

97 25.4 12.8 38.4





#27

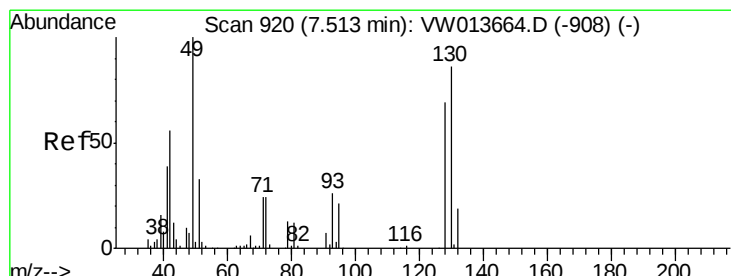
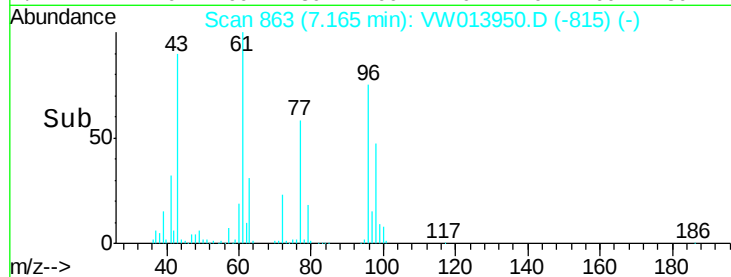
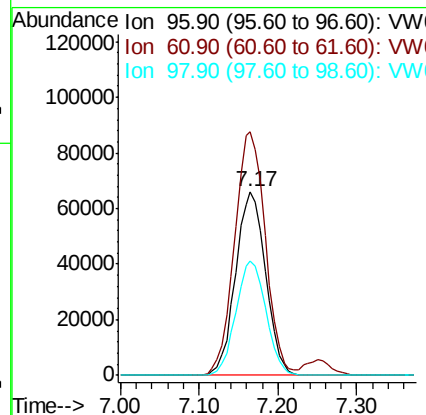
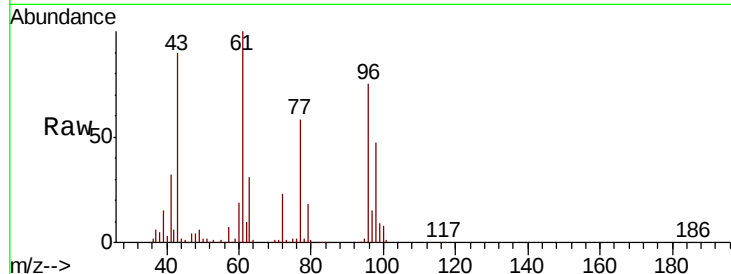
cis-1,2-Dichloroethene
Concen: 52.092 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW013950.D
Acq: 08 Nov 2019 17:37

Instrument :
MSVOA_W
ClientSampleId :
SB-38-(2-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
96	100	175295		
61	135.4	0.0	266.0	
98	62.3	0.0	126.8	

Manual Integrations
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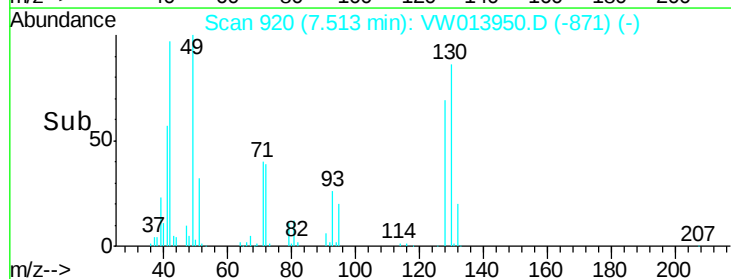
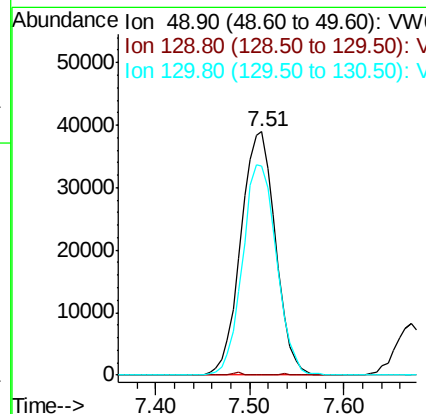
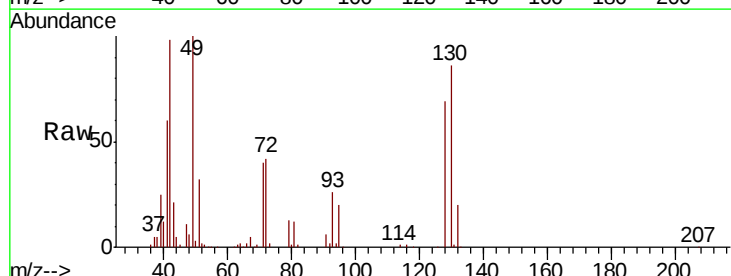
MMDadoda
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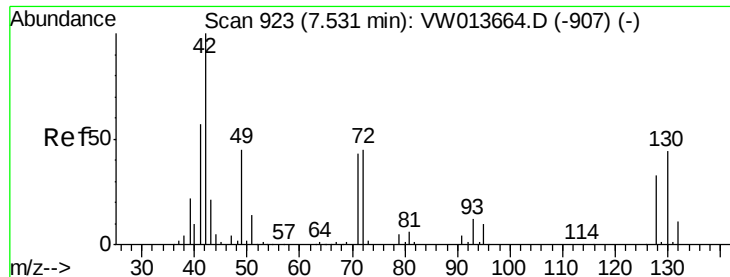


#28

Bromochloromethane
Concen: 53.614 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW013950.D
Acq: 08 Nov 2019 17:37

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	100068		
129	0.0	0.0	0.6	
130	85.3	67.5	101.3	





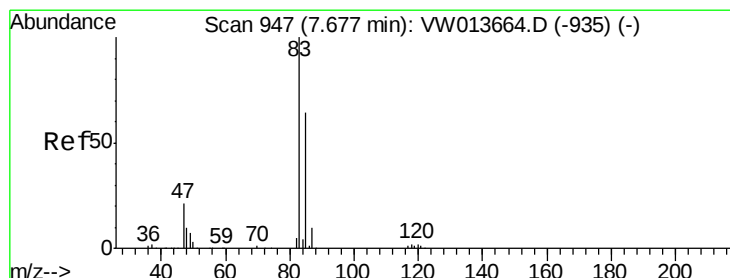
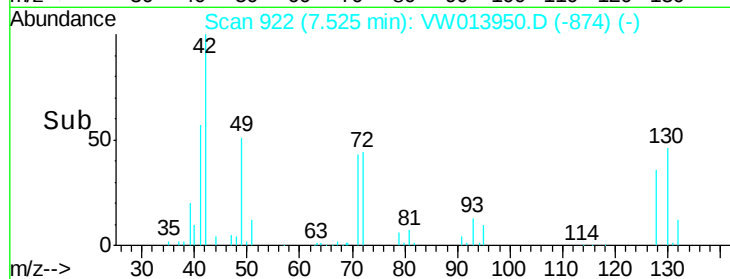
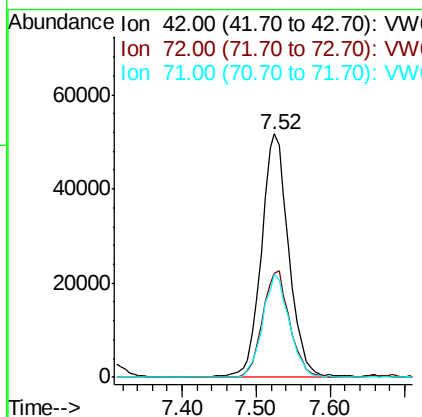
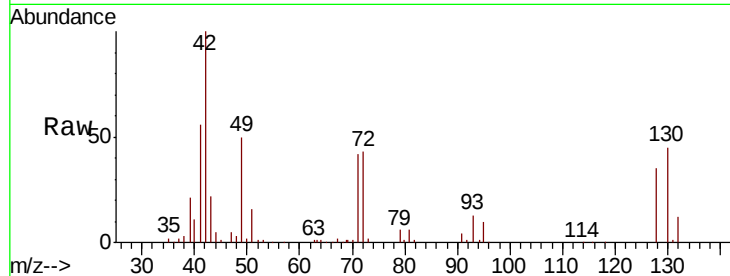
#29
Tetrahydrofuran
Concen: 285.701 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW013950.D
Acq: 08 Nov 2019 17:37

Instrument :
MSVOA_W
ClientSampleId :
SB-38-(2-4)MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.5	35.3	52.9
71	41.2	33.3	49.9

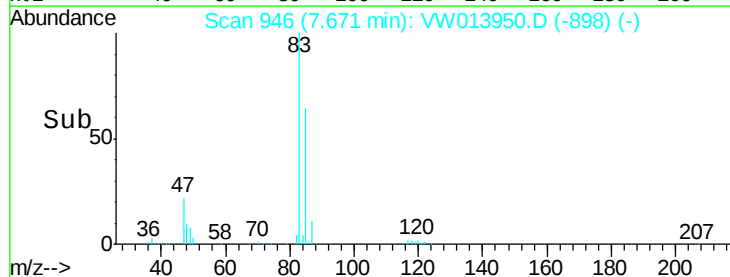
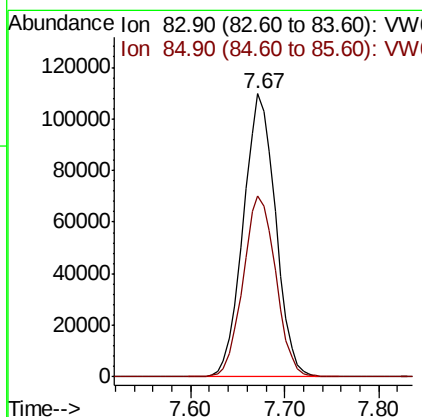
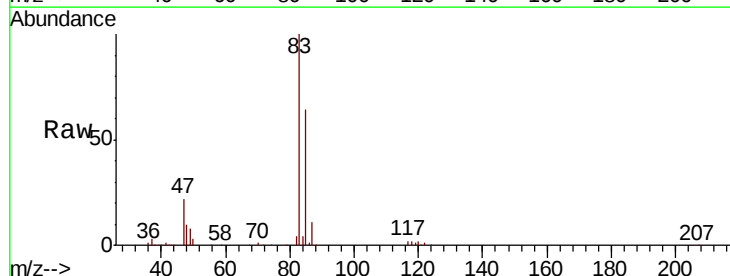
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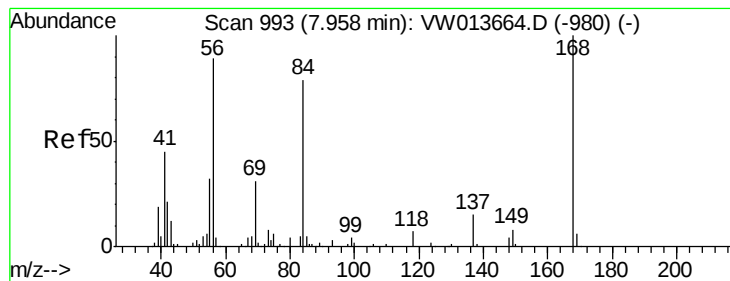
MMDadoda
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#30
Chloroform
Concen: 50.602 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW013950.D
Acq: 08 Nov 2019 17:37

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.7	51.4	77.2





#31

Cyclohexane

Concen: 48.177 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW013950.D

Acq: 08 Nov 2019 17:37

Instrument :

MSVOA_W

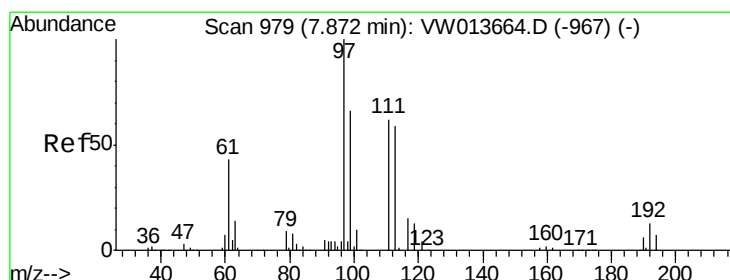
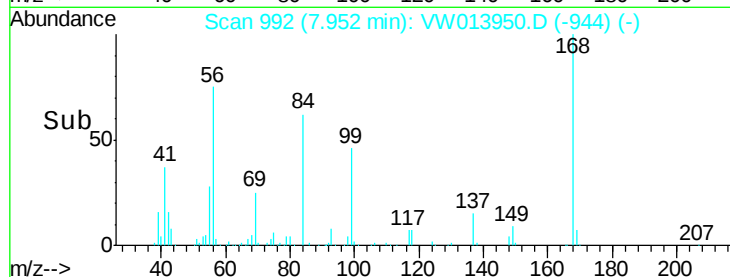
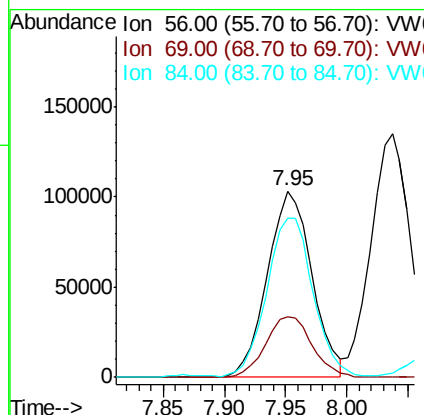
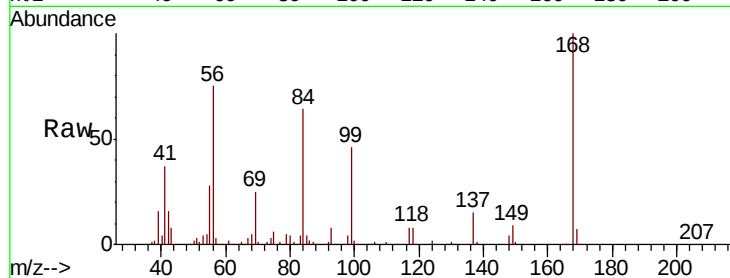
ClientSampleId :

SB-38-(2-4)MS

Tot Ion:	56	Resp:	263631
Ion Ratio	Lower	Upper	
56	100		
69	32.7	27.5	41.3
84	84.0	70.8	106.2

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 51.133 ug/l

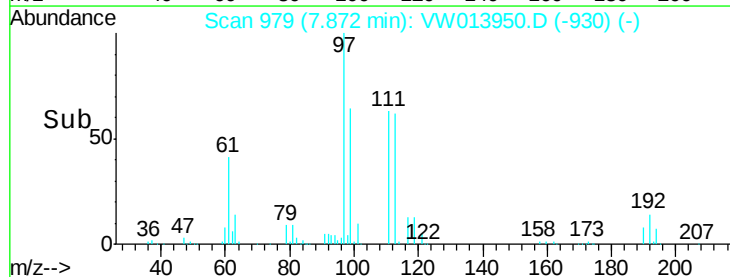
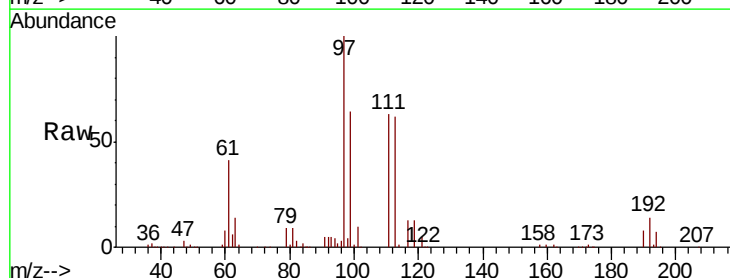
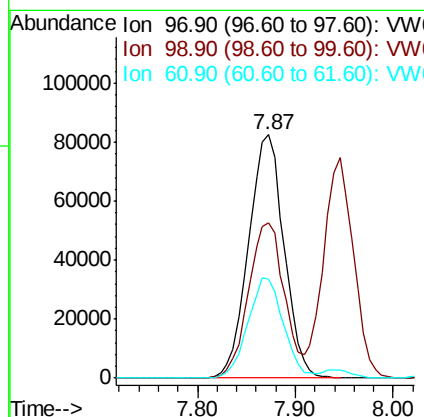
RT: 7.87 min Scan# 979

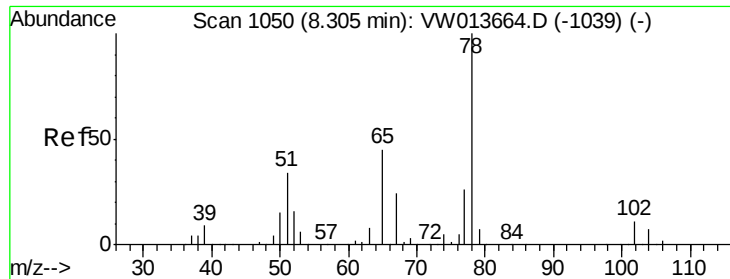
Delta R.T. 0.00 min

Lab File: VW013950.D

Acq: 08 Nov 2019 17:37

Tgt Ion:	97	Resp:	207414
Ion Ratio	Lower	Upper	
97	100		
99	64.9	52.0	78.0
61	41.3	33.8	50.6





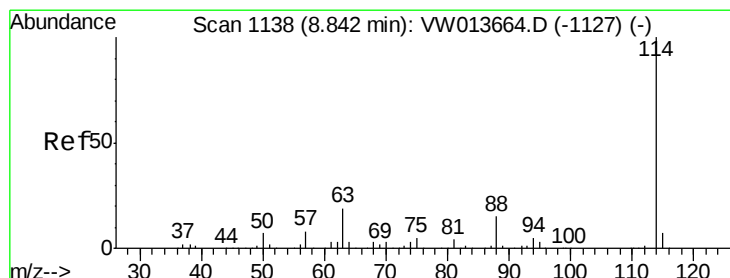
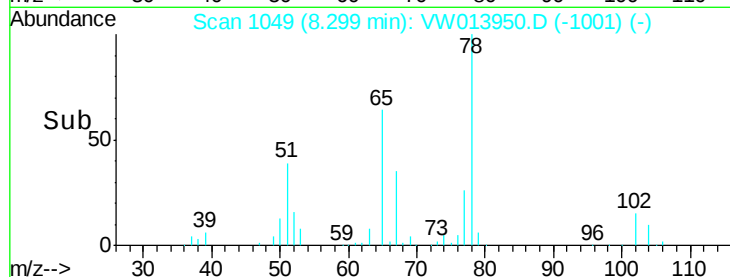
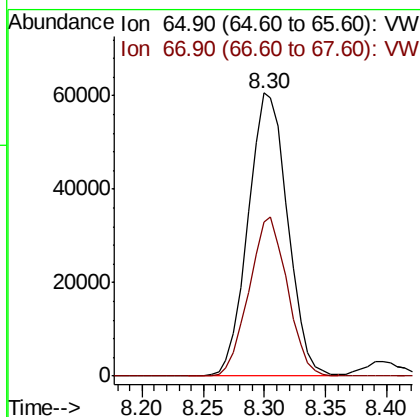
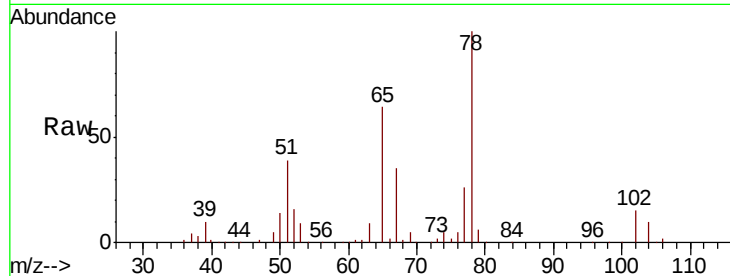
#33
 1,2-Dichloroethane-d4
 Concen: 55.460 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW013950.D
 Acq: 08 Nov 2019 17:37

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-38-(2-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	54.5	0.0	109.4	

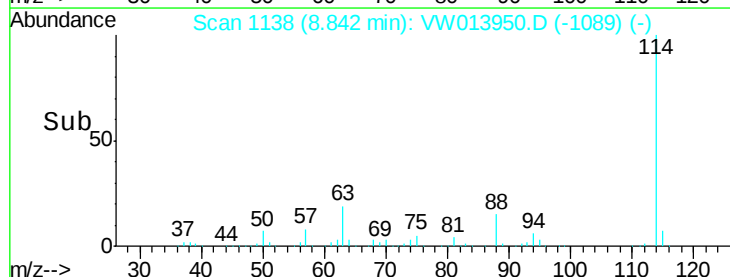
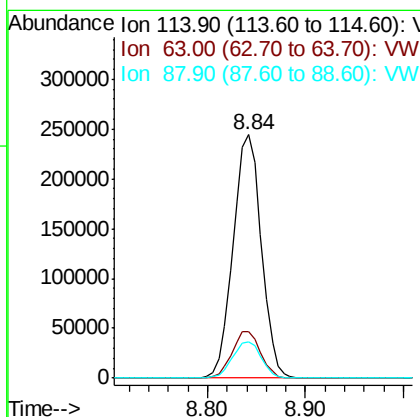
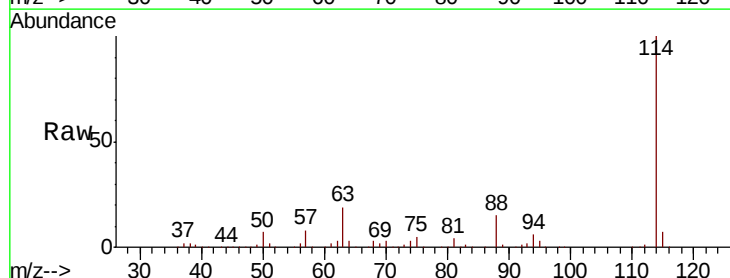
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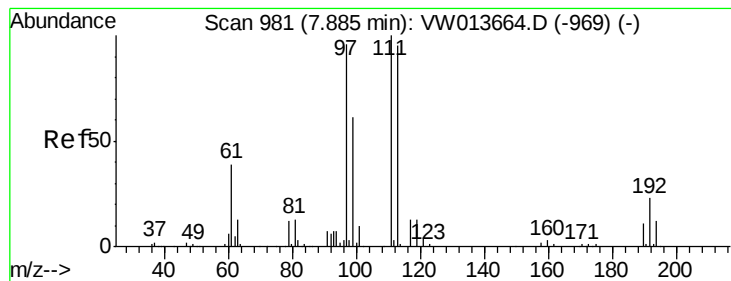
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW013950.D
 Acq: 08 Nov 2019 17:37

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	18.9	0.0	37.6	
88	14.9	0.0	30.2	





#35

Dibromofluoromethane

Concen: 52.793 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW013950.D

Acq: 08 Nov 2019 17:37

Instrument :

MSVOA_W

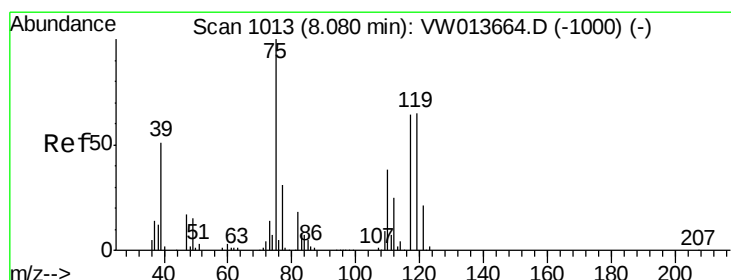
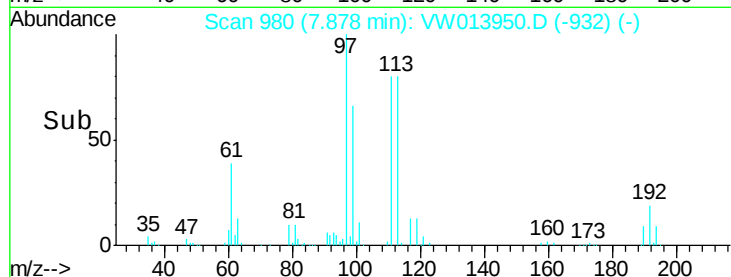
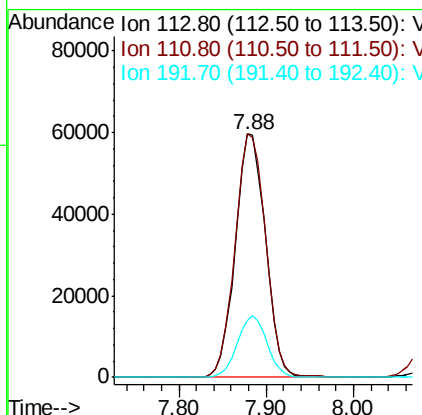
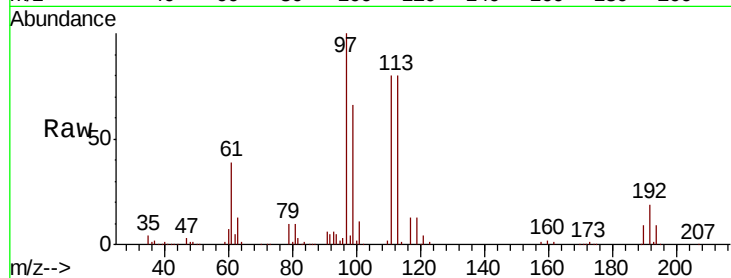
ClientSampleId :

SB-38-(2-4)MS

Tot Ion:	113	Resp:	143453
Ion Ratio	Lower	Upper	
113	100		
111	101.4	83.0	124.6
192	24.8	19.4	29.2

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 46.818 ug/l

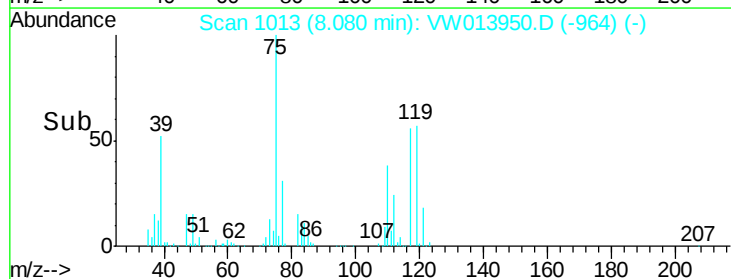
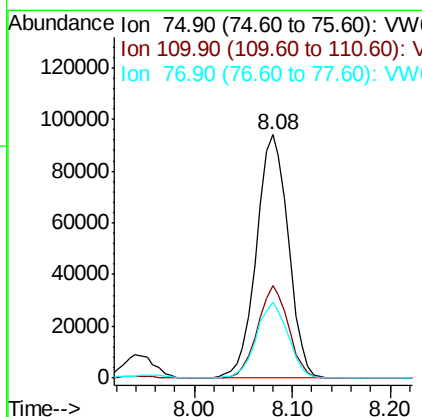
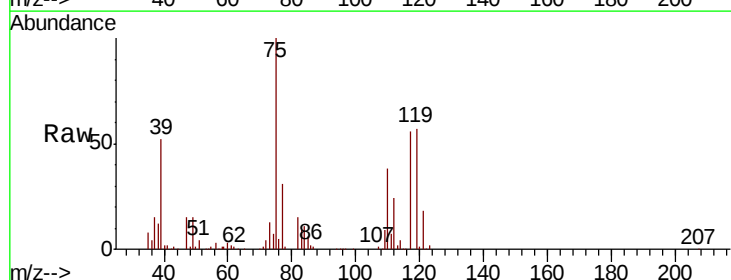
RT: 8.08 min Scan# 1013

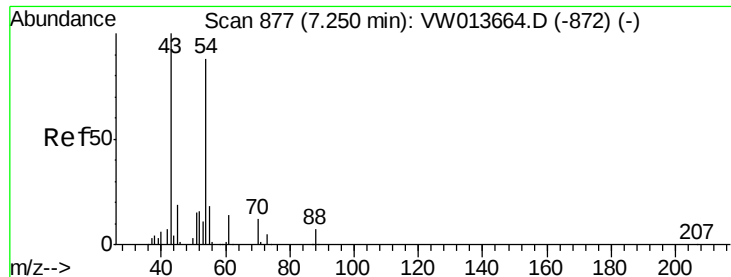
Delta R.T. 0.00 min

Lab File: VW013950.D

Acq: 08 Nov 2019 17:37

Tgt Ion:	75	Resp:	213222
Ion Ratio	Lower	Upper	
75	100		
110	36.6	18.7	56.1
77	30.9	25.4	38.0





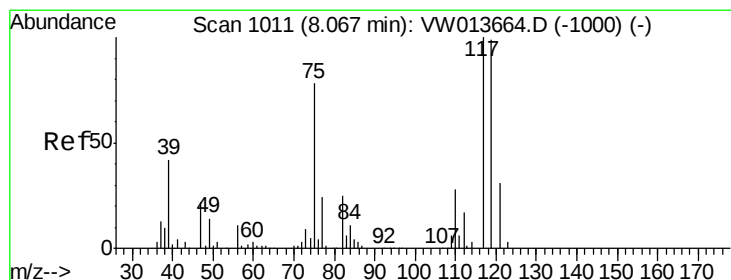
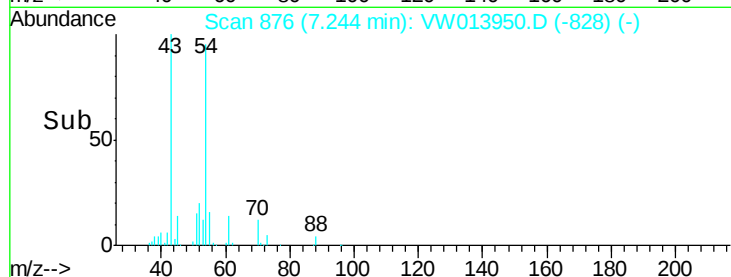
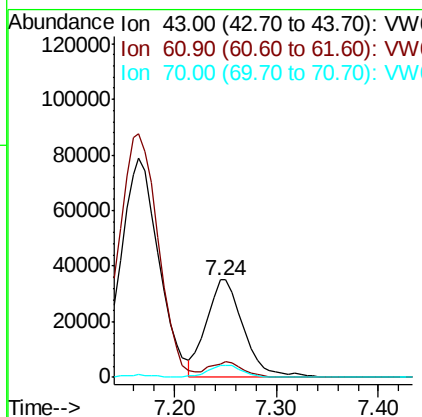
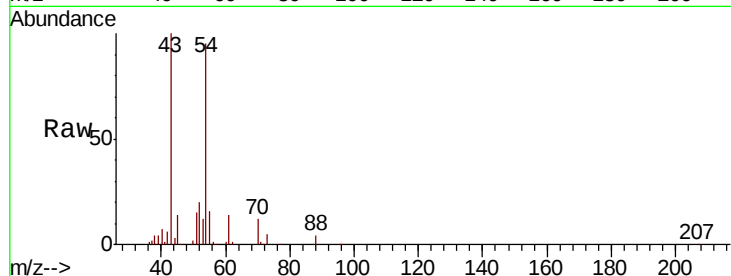
#37
Ethyl Acetate
Concen: 50.495 ug/l
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: VW013950.D
Acq: 08 Nov 2019 17:37

Instrument :
MSVOA_W
ClientSampleId :
SB-38-(2-4)MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.7	17.5
70	11.9	8.8	13.2

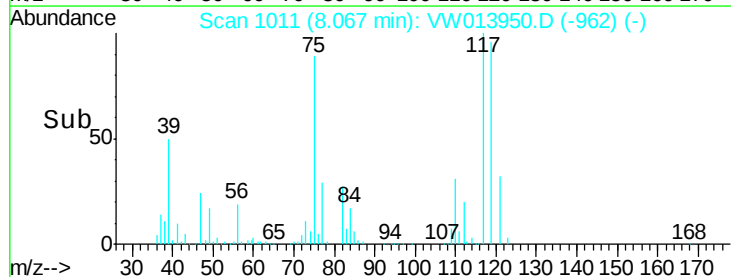
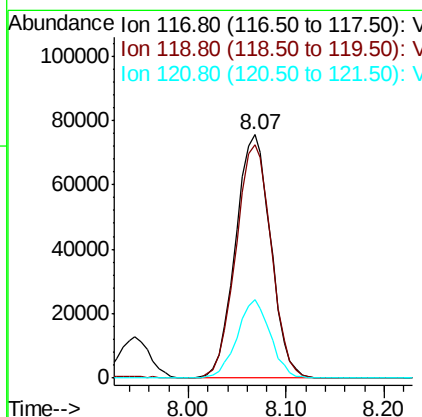
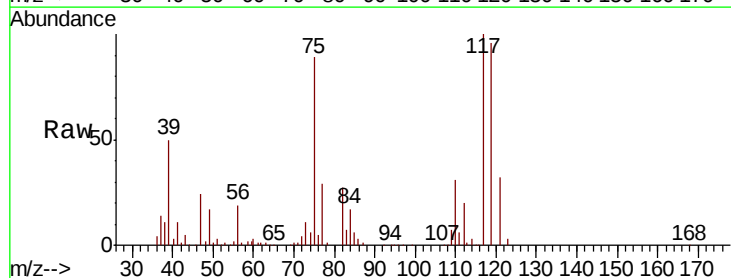
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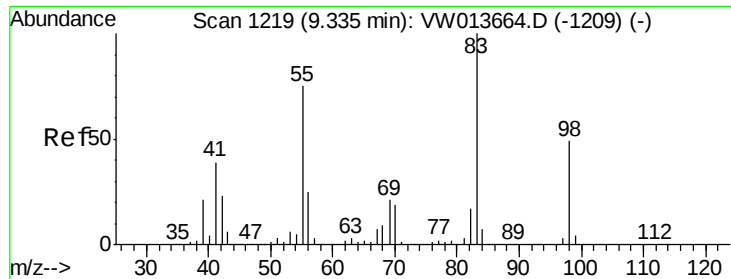
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#38
Carbon Tetrachloride
Concen: 45.897 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW013950.D
Acq: 08 Nov 2019 17:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	79.0	118.4
121	32.1	24.5	36.7





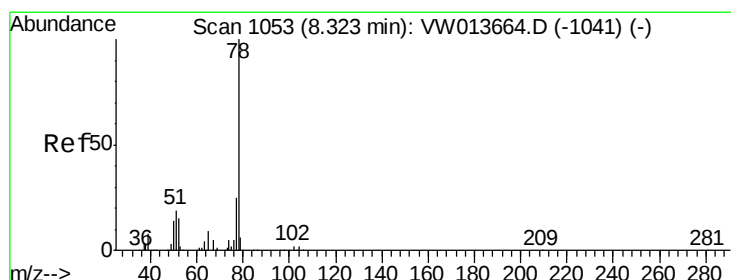
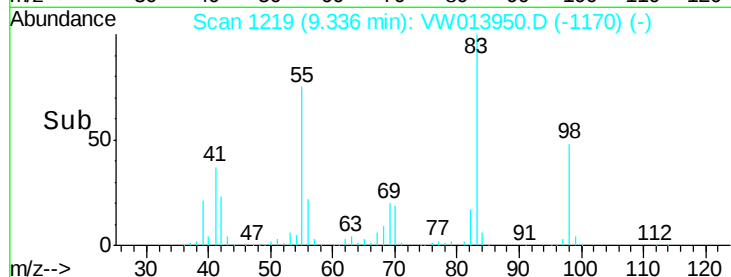
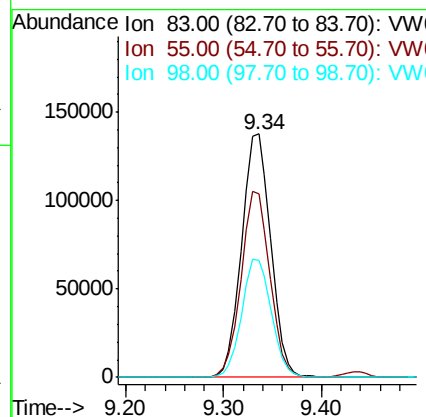
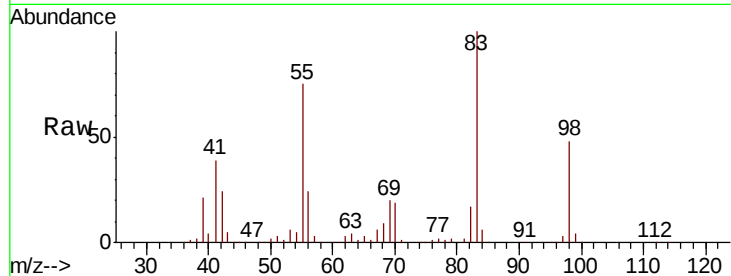
#39
Methvlcvclohexane
Concen: 48.517 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW013950.D
Acq: 08 Nov 2019 17:37

Instrument :
MSVOA_W
ClientSampleId :
SB-38-(2-4)MS

Tot Ion	83.00	Resp	285353
Ion	Ratio	Lower	Upper
83	100		
55	75.2	59.9	89.9
98	48.2	39.4	59.2

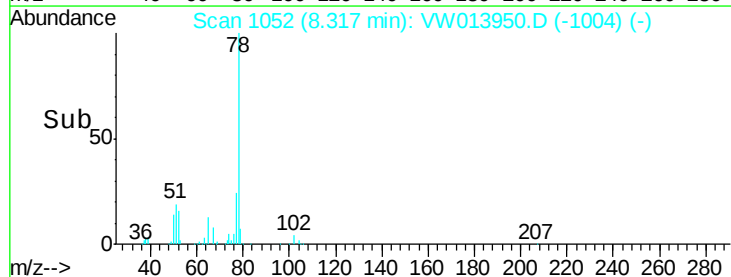
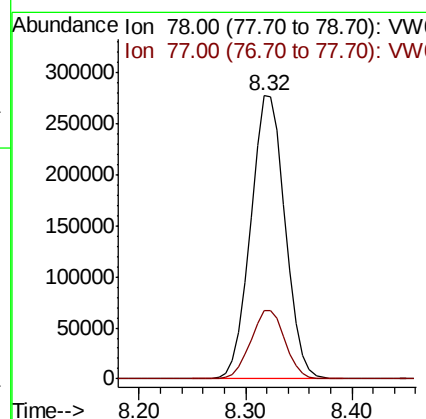
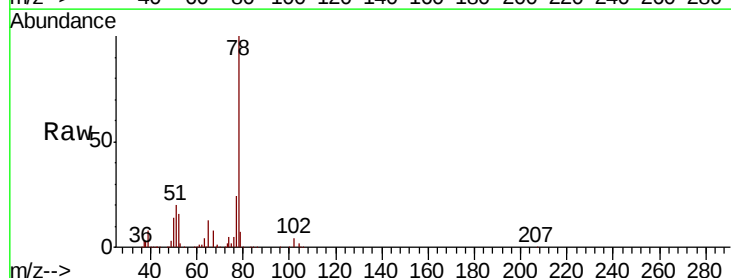
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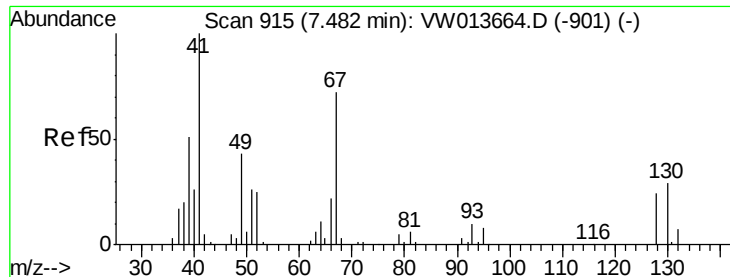
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#40
Benzene
Concen: 48.837 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW013950.D
Acq: 08 Nov 2019 17:37

Tgt Ion	78.00	Resp	629447
Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.6	29.4





#41

Methacrylonitrile

Concen: 53.276 ug/l

RT: 7.48 min Scan# 914

Delta R.T. -0.01 min

Lab File: VW013950.D

Acq: 08 Nov 2019 17:37

Instrument :

MSVOA_W

ClientSampleId :

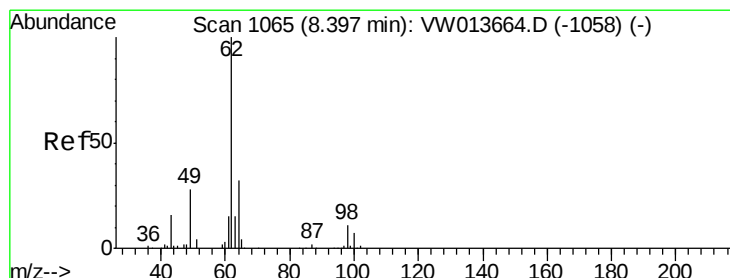
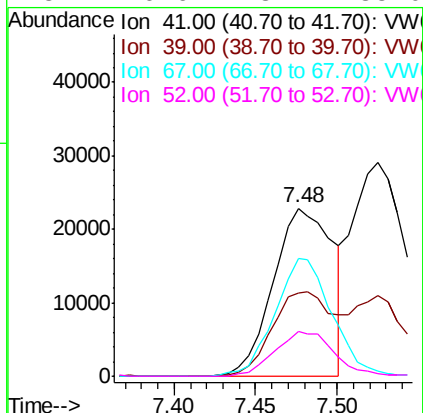
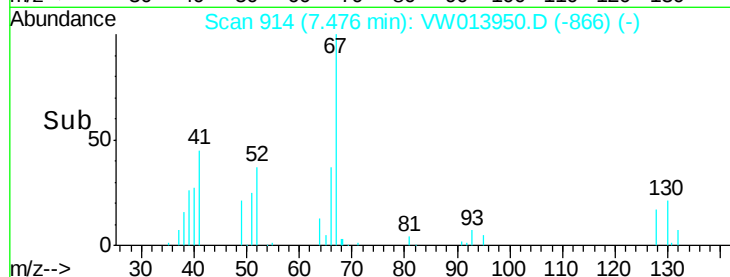
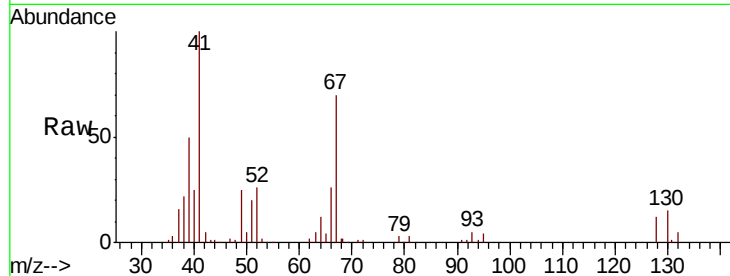
SB-38-(2-4)MS

Tot Ion: 41 Resp: 57920

Ion	Ratio	Lower	Upper
41	100		
39	50.5	44.8	67.2
67	67.3	59.3	88.9
52	26.6	23.4	35.0

Manual Integrations
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11/12/2019 12:58:55 PM



#42

1,2-Dichloroethane

Concen: 49.638 ug/l

RT: 8.40 min Scan# 1065

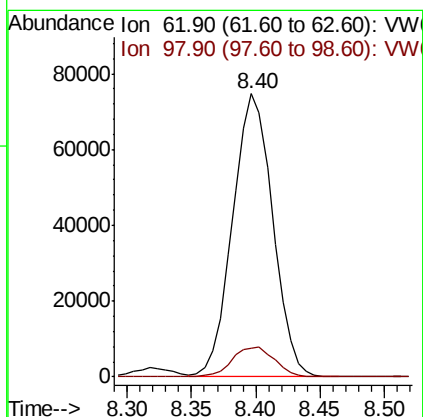
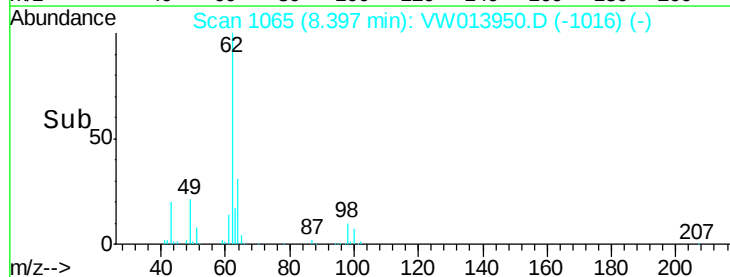
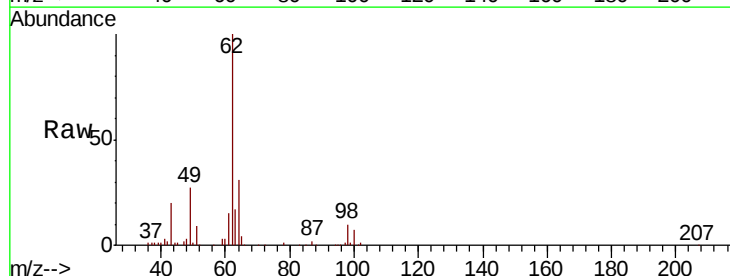
Delta R.T. 0.00 min

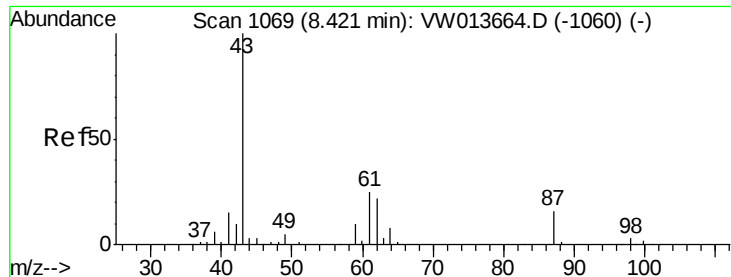
Lab File: VW013950.D

Acq: 08 Nov 2019 17:37

Tgt Ion: 62 Resp: 161218

Ion	Ratio	Lower	Upper
62	100		
98	11.2	0.0	22.4





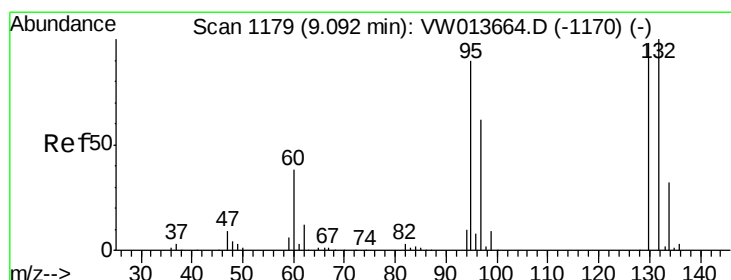
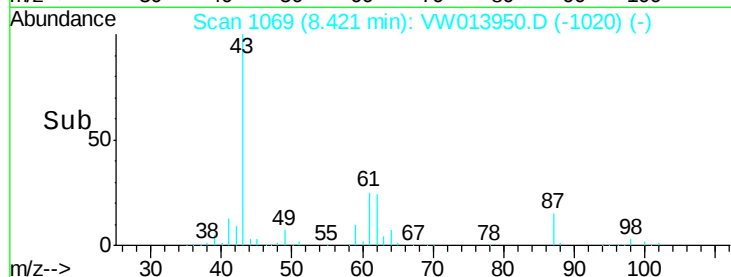
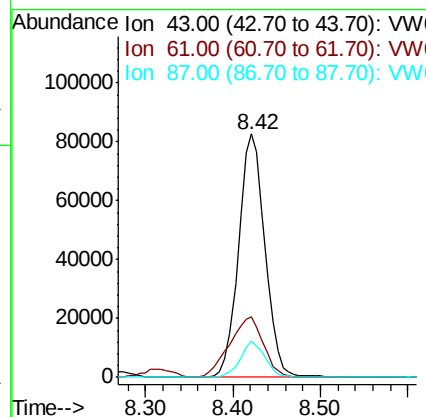
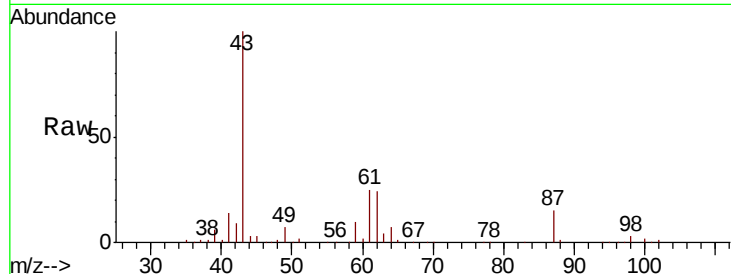
#43
Isopropyl Acetate
Concen: 51.851 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. 0.00 min
Lab File: VW013950.D
Acq: 08 Nov 2019 17:37

Instrument :
MSVOA_W
ClientSampleId :
SB-38-(2-4)MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	32.1	26.1	39.1
87	13.9	11.4	17.0

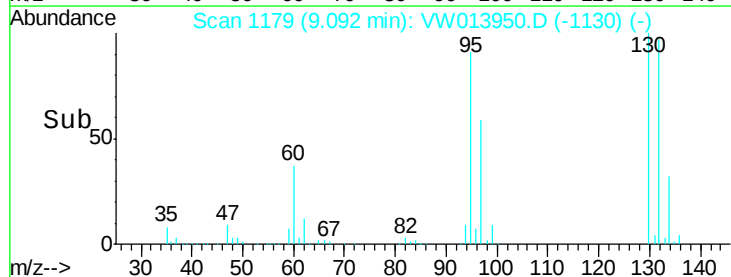
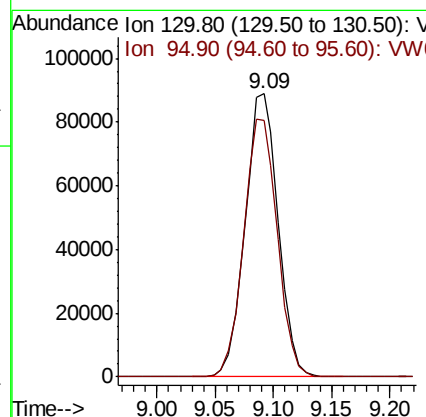
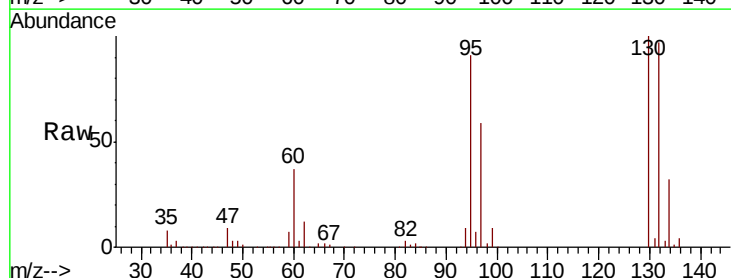
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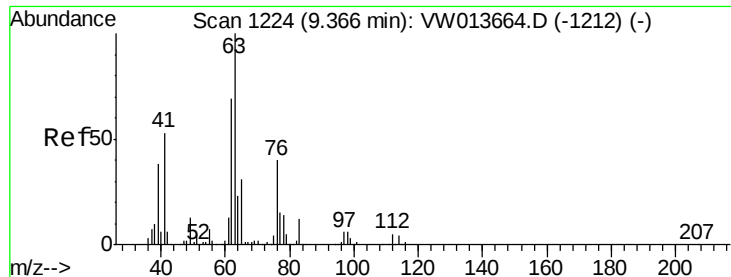
MMDadoda
11/12/2019 12:58:55 PM



#44
Trichloroethene
Concen: 47.633 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VW013950.D
Acq: 08 Nov 2019 17:37

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.6	0.0	184.6





#45

1,2-Dichloropropane

Concen: 49.900 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW013950.D

Acq: 08 Nov 2019 17:37

Instrument :

MSVOA_W

ClientSampleId :

SB-38-(2-4)MS

Tot Ion: 63 Resp: 153619

Ion Ratio Lower Upper

63 100

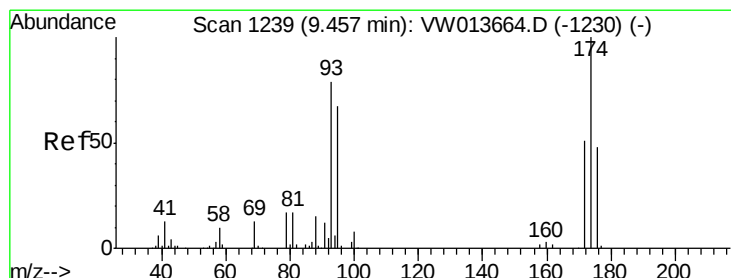
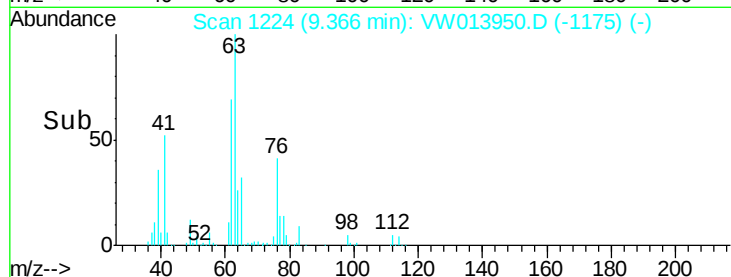
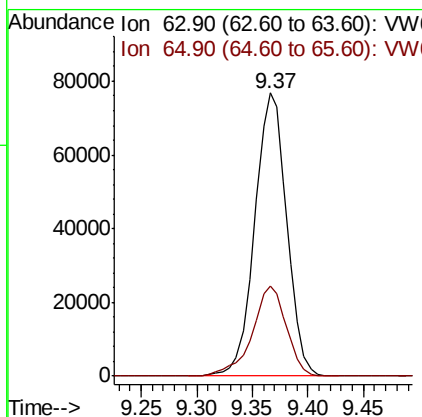
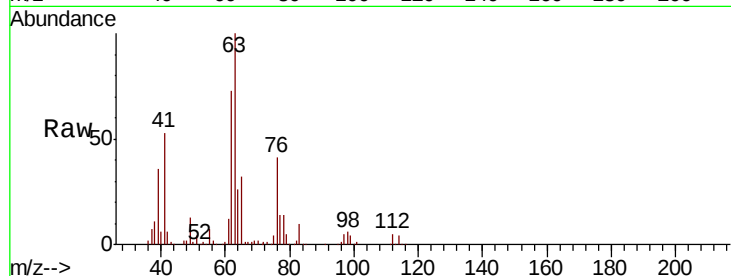
65 31.9 25.2 37.8

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11/12/2019 12:58:55 PM



#46

Dibromomethane

Concen: 49.052 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW013950.D

Acq: 08 Nov 2019 17:37

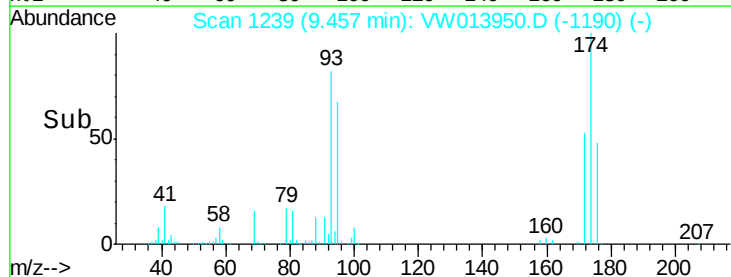
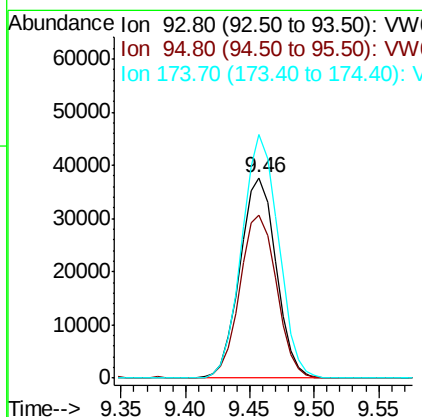
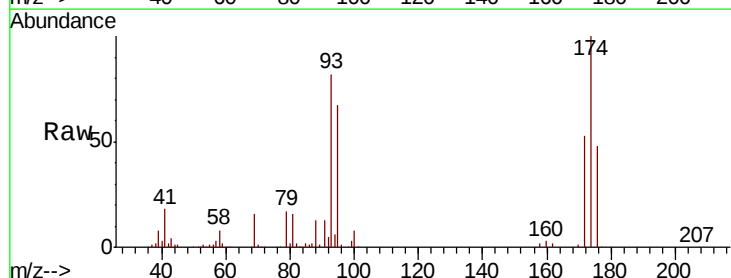
Tgt Ion: 93 Resp: 73293

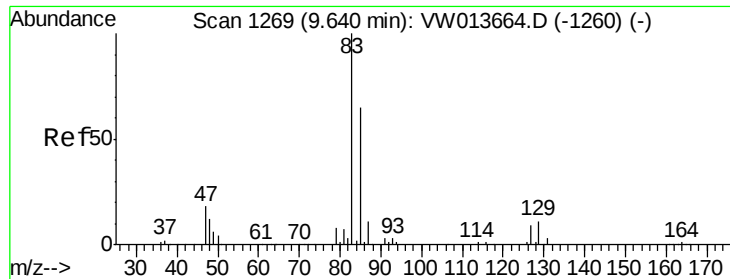
Ion Ratio Lower Upper

93 100

95 82.5 66.5 99.7

174 122.6 99.6 149.4





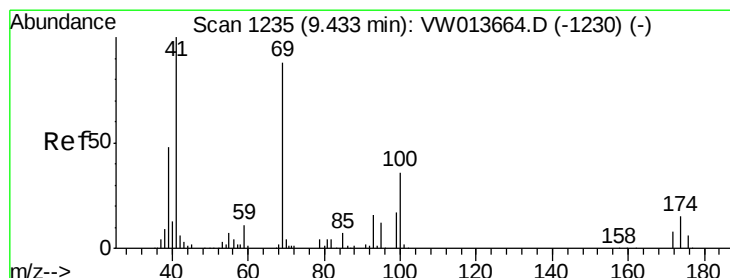
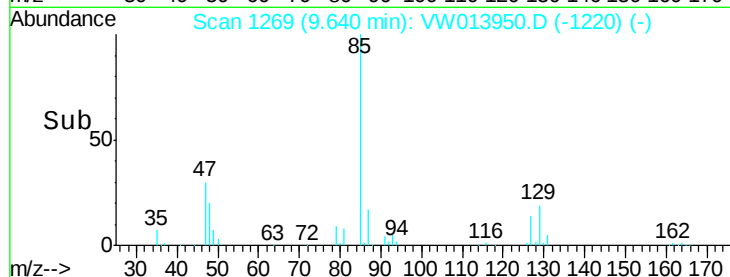
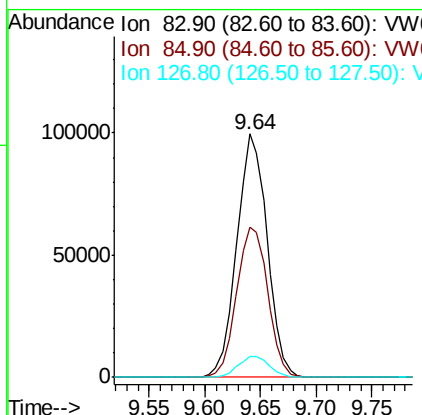
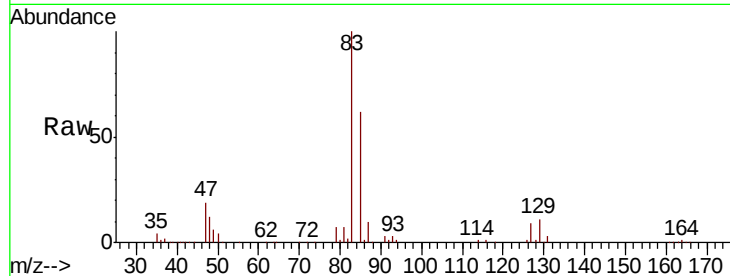
#47
 Bromodichloromethane
 Concen: 48.594 ug/l
 RT: 9.64 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VW013950.D
 Acq: 08 Nov 2019 17:37

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-38-(2-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
83	100	187871		
85	61.8		51.8	77.6
127	8.8		7.3	10.9

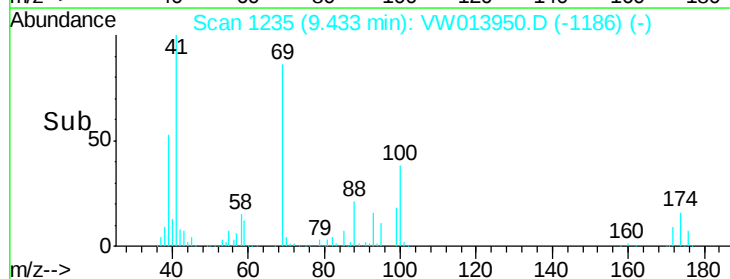
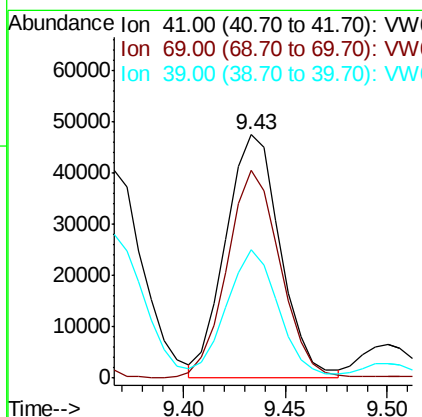
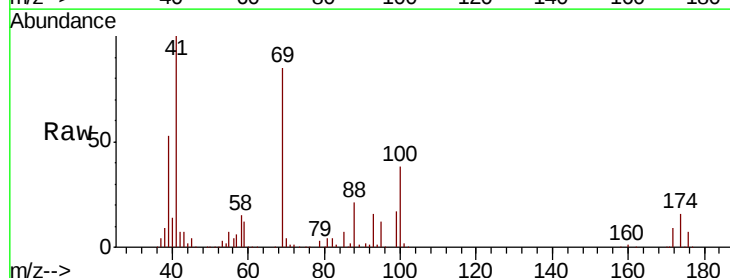
Manual Integrations
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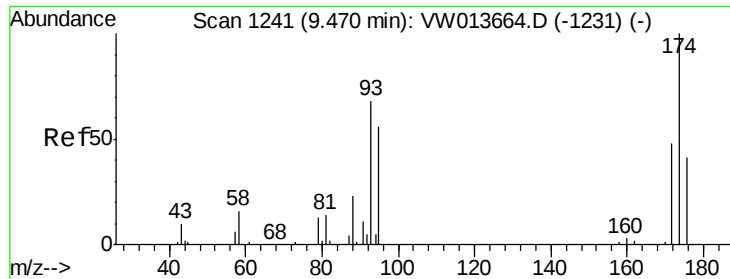
MMDadoda
 11/12/2019 12:58:55 PM



#48
 Methyl methacrylate
 Concen: 53.149 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: VW013950.D
 Acq: 08 Nov 2019 17:37

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	87954		
69	82.5		67.6	101.4
39	46.6		38.6	58.0





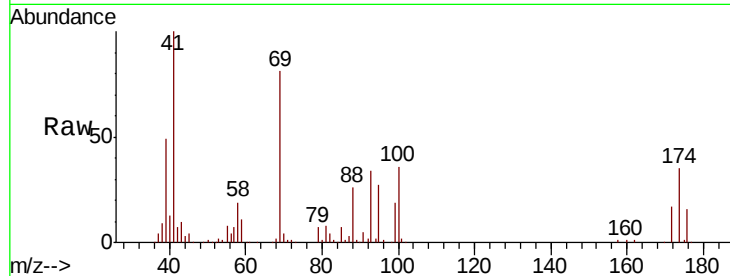
#49
1,4-Dioxane
Concen: 1088.188 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.03 min
Lab File: VW013950.D
Acq: 08 Nov 2019 17:37

Instrument :
MSVOA_W
ClientSampleId :
SB-38-(2-4)MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.2	0.0	0.0#
58	69.2	58.9	88.3

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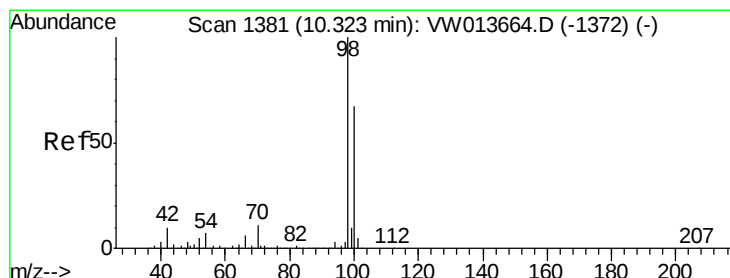
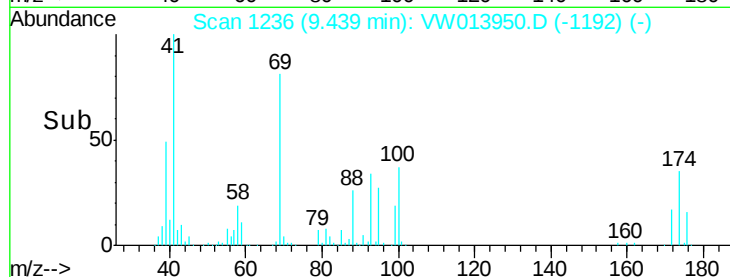
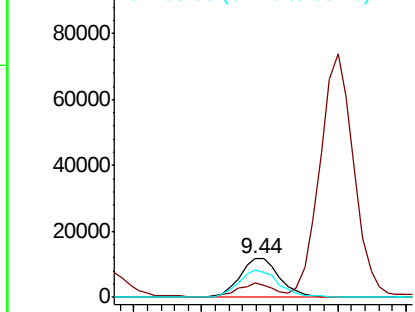


Abundance

Ion 88.00 (87.70 to 88.70): VW

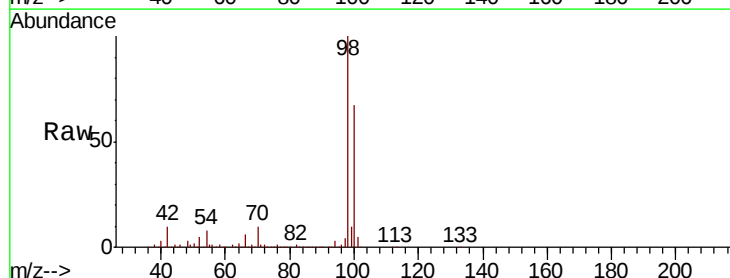
Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50
Toluene-d8
Concen: 53.191 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW013950.D
Acq: 08 Nov 2019 17:37

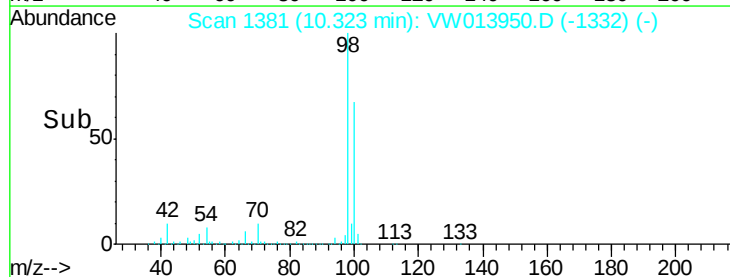
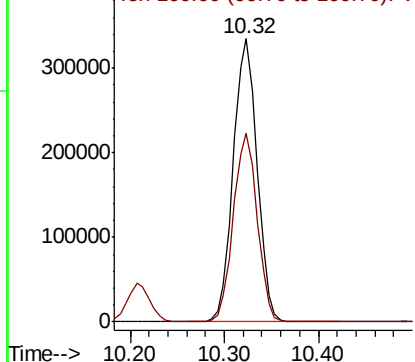
Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.4	80.0

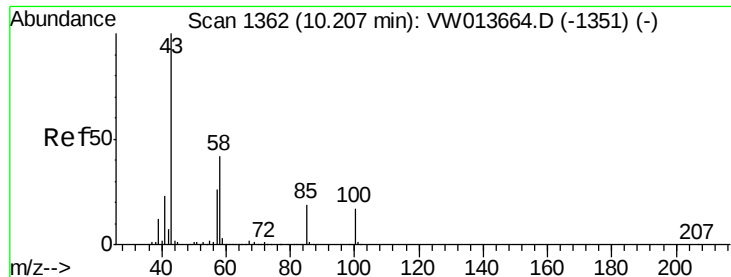


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 265.718 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW013950.D

Acq: 08 Nov 2019 17:37

Instrument :

MSVOA_W

ClientSampleId :

SB-38-(2-4)MS

Tot Ion: 43 Resp: 440628

Ion Ratio Lower Upper

43 100

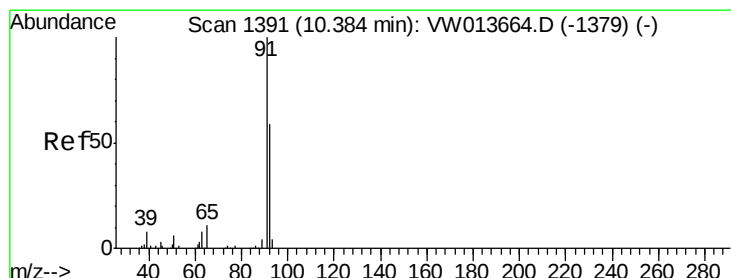
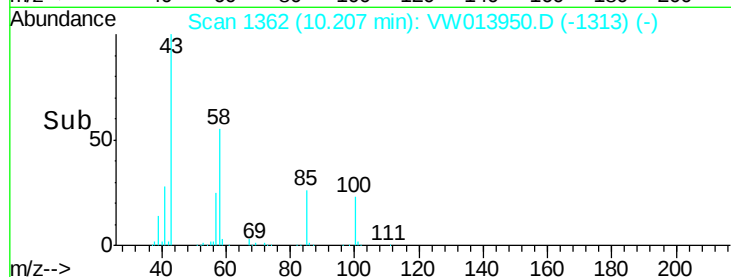
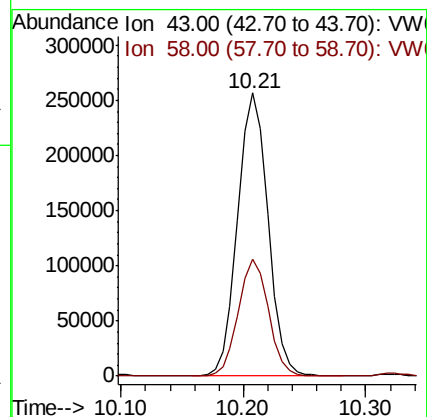
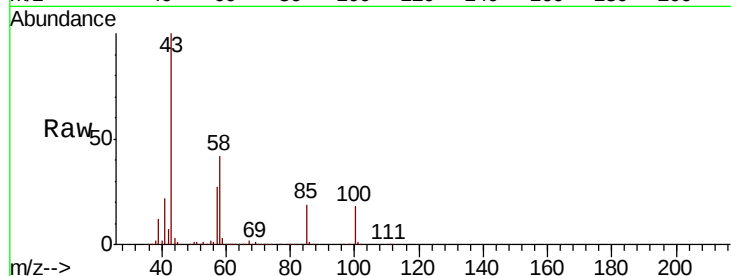
58 41.1 32.6 49.0

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#52

Toluene

Concen: 49.171 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW013950.D

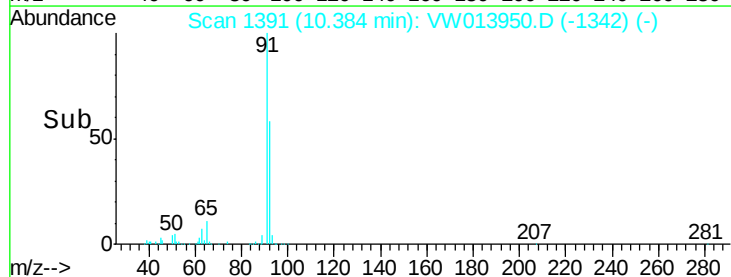
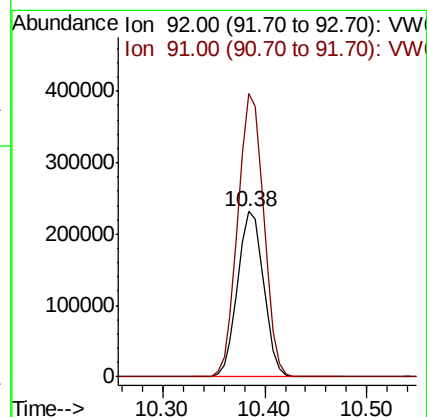
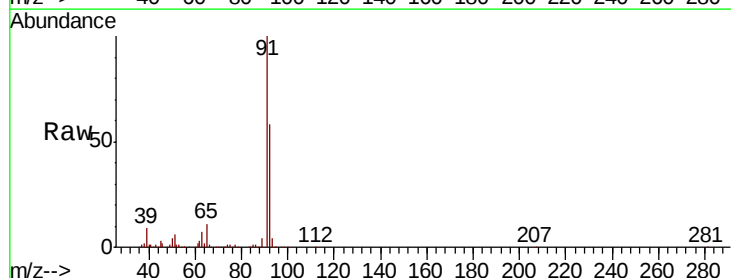
Acq: 08 Nov 2019 17:37

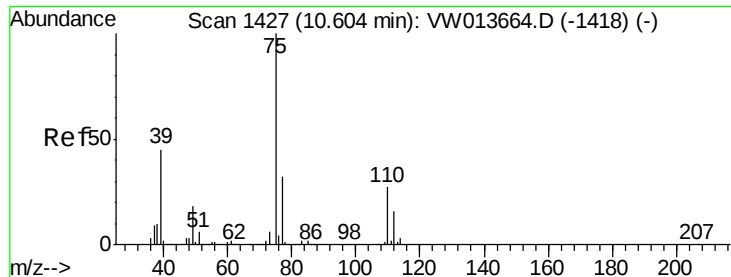
Tgt Ion: 92 Resp: 408799

Ion Ratio Lower Upper

92 100

91 170.3 134.5 201.7





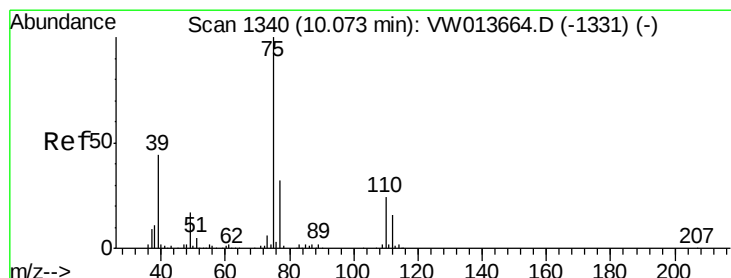
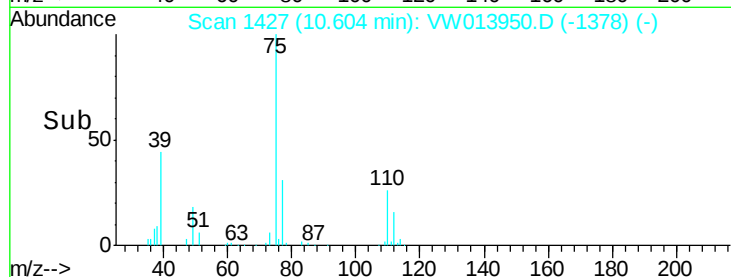
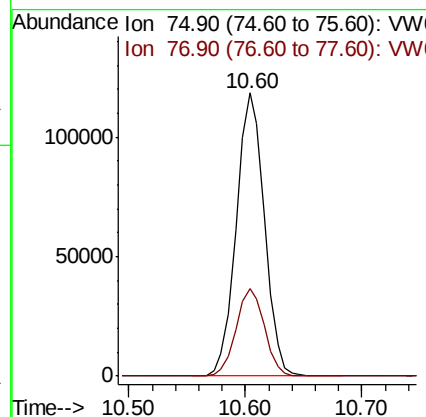
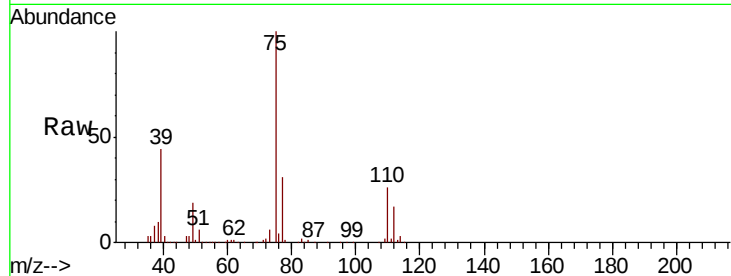
#53
 t-1,3-Dichloropropene
 Concen: 50.893 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. 0.00 min
 Lab File: VW013950.D
 Acq: 08 Nov 2019 17:37

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-38-(2-4)MS

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.8	25.5	38.3

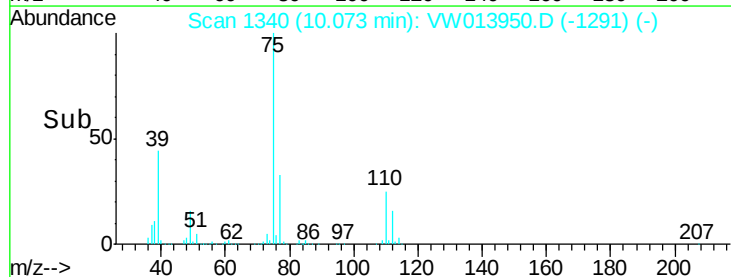
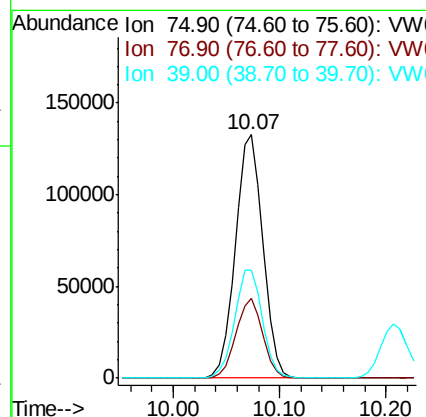
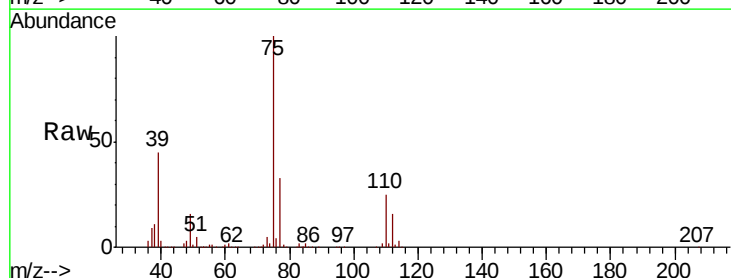
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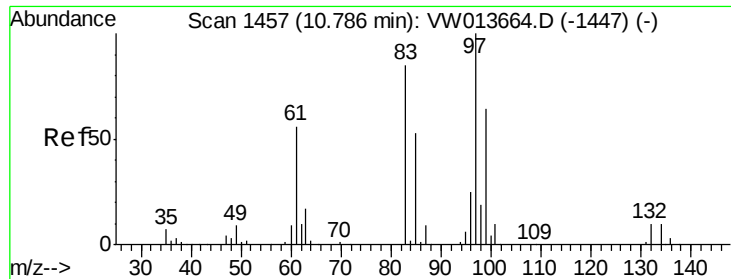
MMDadoda
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#54
 cis-1,3-Dichloropropene
 Concen: 49.788 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW013950.D
 Acq: 08 Nov 2019 17:37

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.7	25.8	38.6
39	44.5	35.3	52.9





#55

1,1,2-Trichloroethane

Concen: 49.946 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW013950.D

Acq: 08 Nov 2019 17:37

Instrument :

MSVOA_W

ClientSampleId :

SB-38-(2-4)MS

Tot Ion: 97 Resp: 111223

Ion Ratio Lower Upper

97 100

83 87.2 67.8 101.8

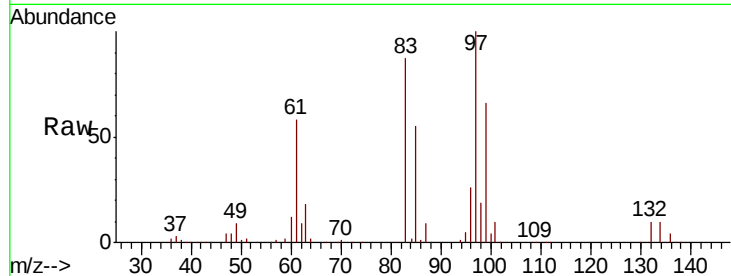
85 55.1 42.1 63.1

99 66.0 51.4 77.0

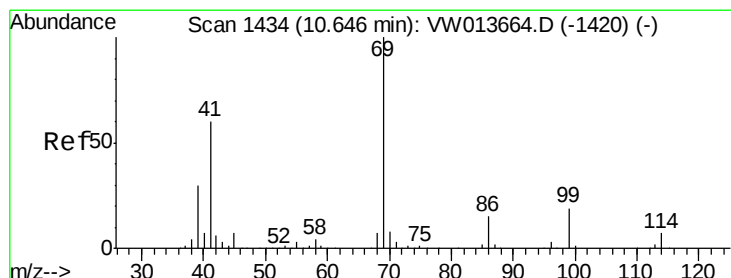
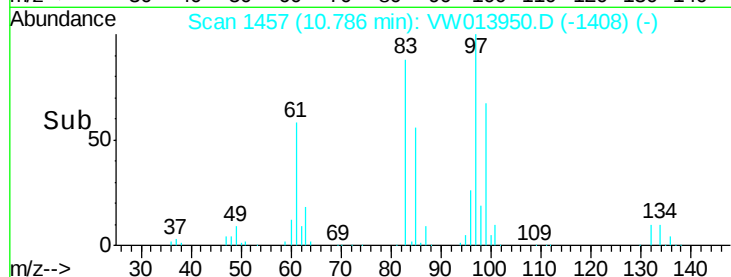
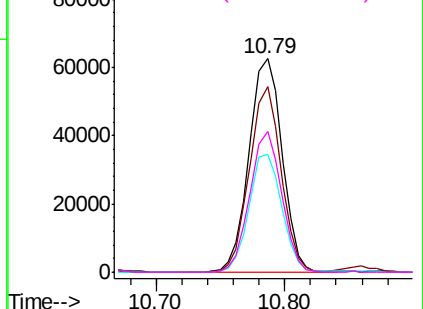
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Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 53.405 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW013950.D

Acq: 08 Nov 2019 17:37

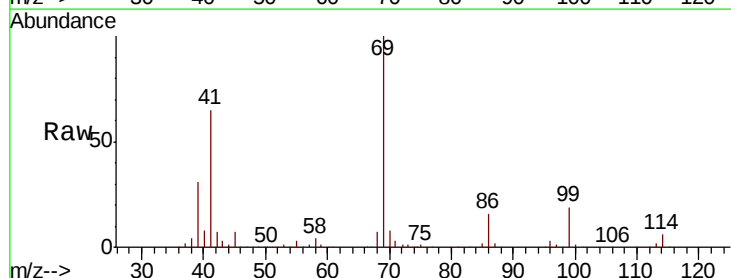
Tgt Ion: 69 Resp: 148791

Ion Ratio Lower Upper

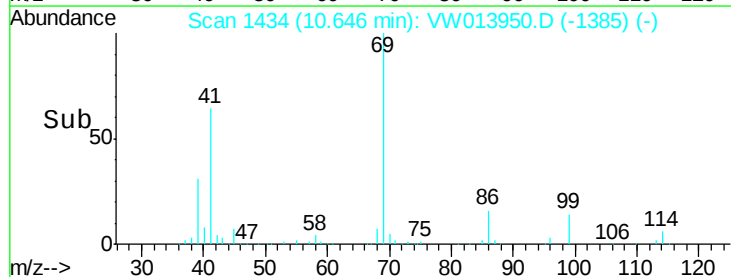
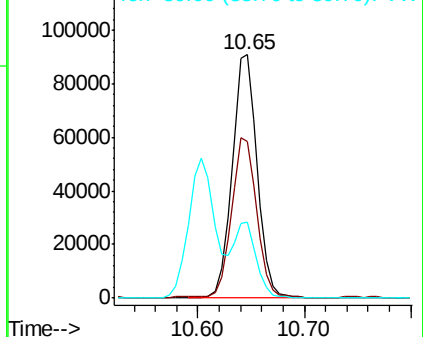
69 100

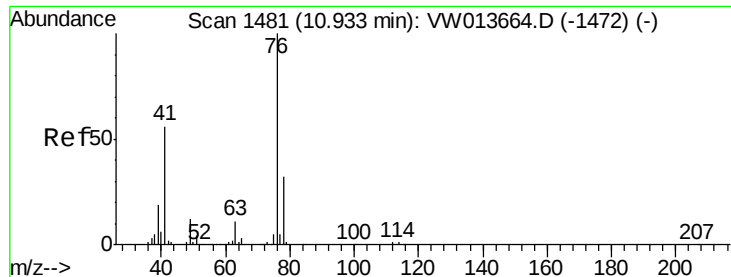
41 66.1 51.6 77.4

39 27.2 22.4 33.6



Abundance Ion 69.00 (68.70 to 69.70): VW
Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW





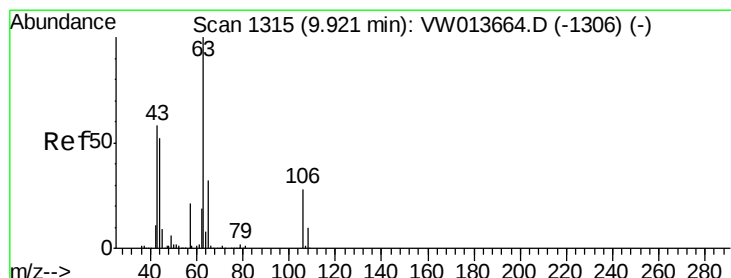
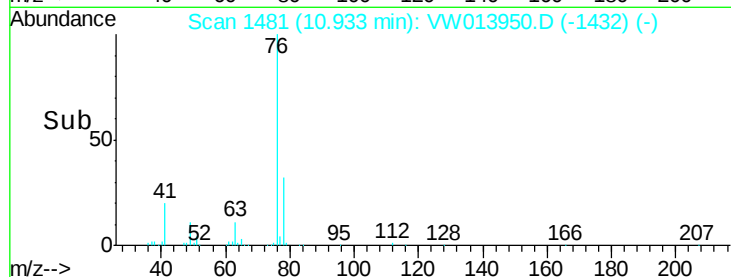
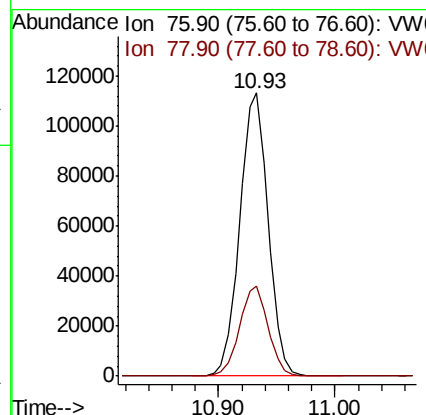
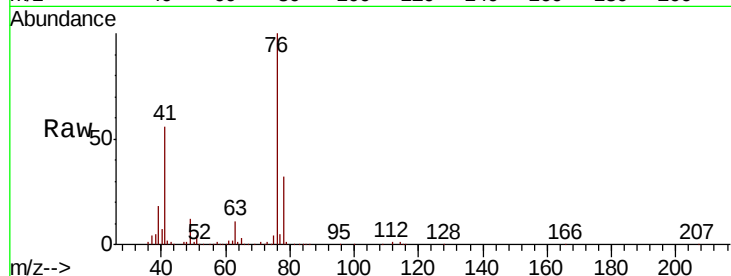
#57
 1,3-Dichloropropane
 Concen: 50.340 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW013950.D
 Acq: 08 Nov 2019 17:37

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-38-(2-4)MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.9	26.0	39.0

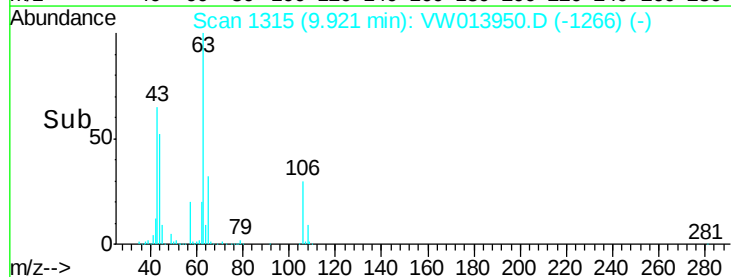
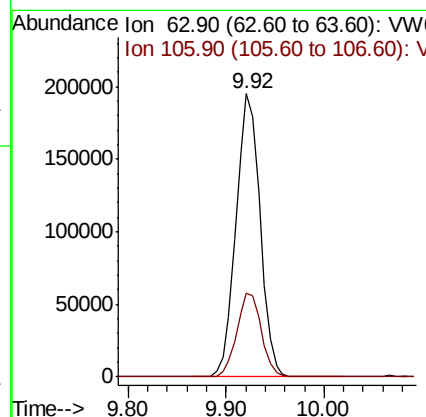
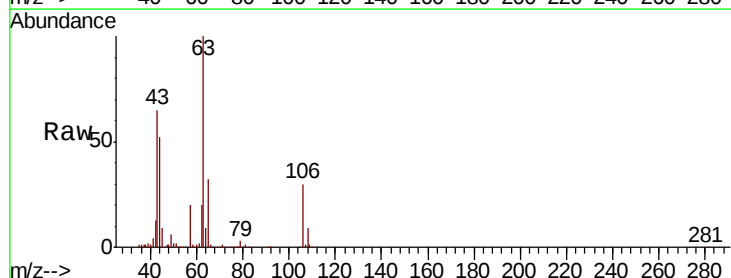
Manual Integrations
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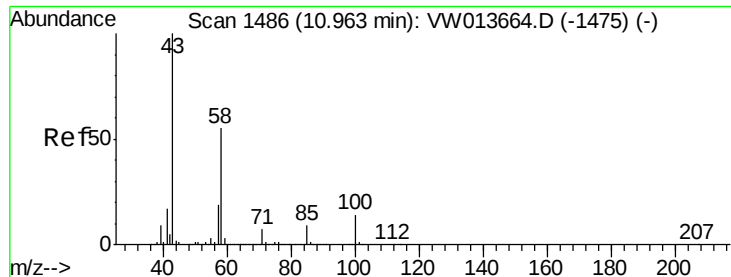
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 259.905 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW013950.D
 Acq: 08 Nov 2019 17:37

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.0	23.8	35.8





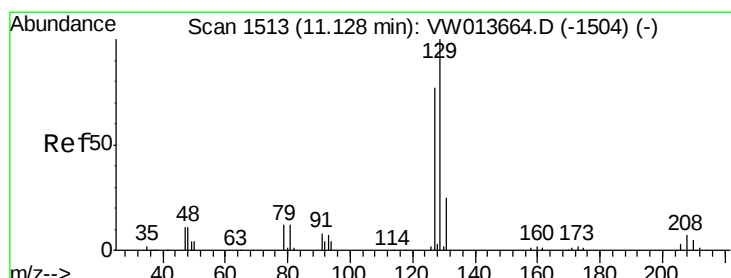
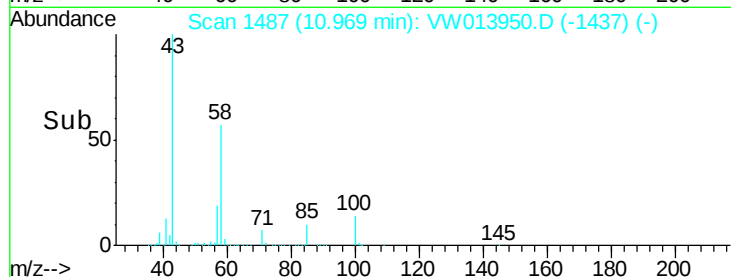
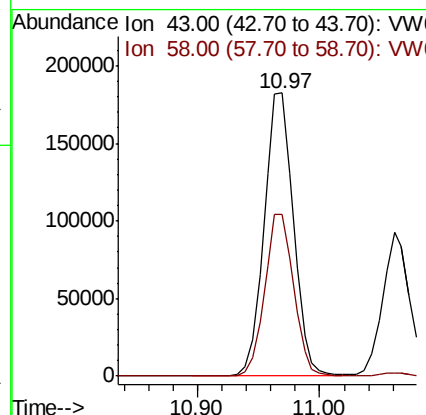
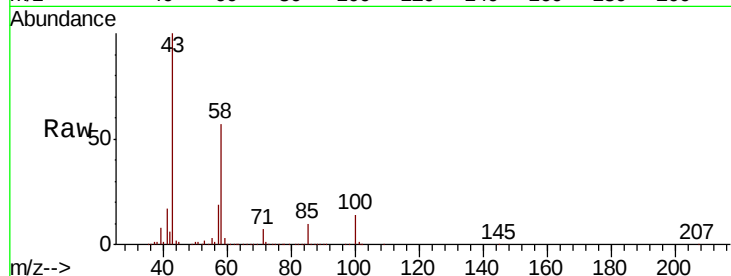
#59
2-Hexanone
Concen: 267.412 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.01 min
Lab File: VW013950.D
Acq: 08 Nov 2019 17:37

Instrument :
MSVOA_W
ClientSampleId :
SB-38-(2-4)MS

Tot Ion: 43 Resp: 305703
Ion Ratio Lower Upper
43 100
58 56.7 27.9 83.7

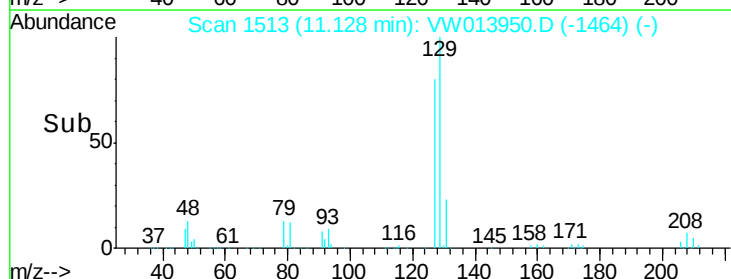
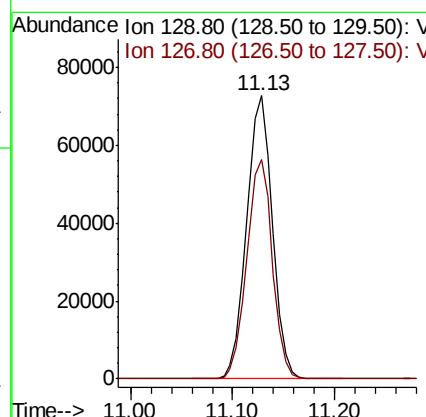
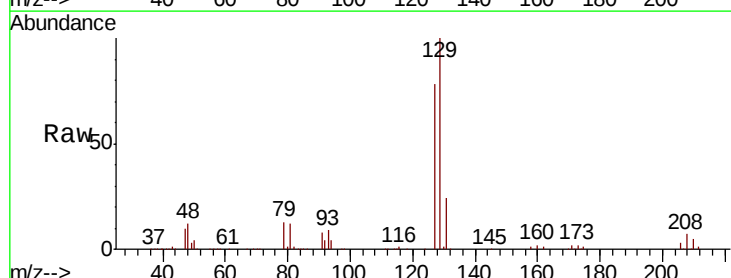
Manual Integrations
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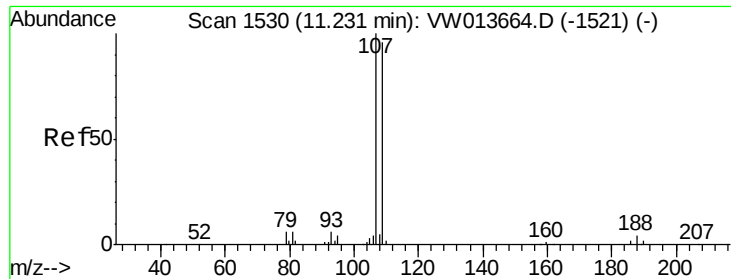
MMDadoda
11/12/2019 12:58:55 PM



#60
Dibromochloromethane
Concen: 48.211 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW013950.D
Acq: 08 Nov 2019 17:37

Tgt Ion: 129 Resp: 127469
Ion Ratio Lower Upper
129 100
127 76.9 38.9 116.7





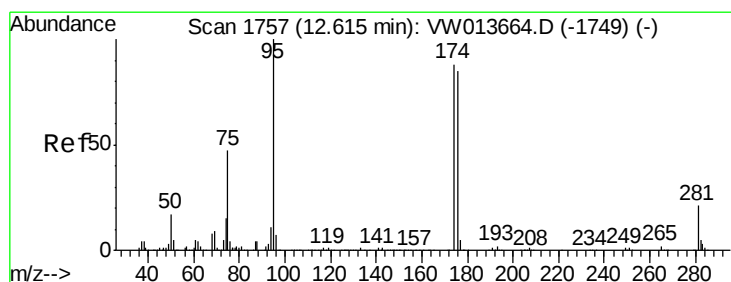
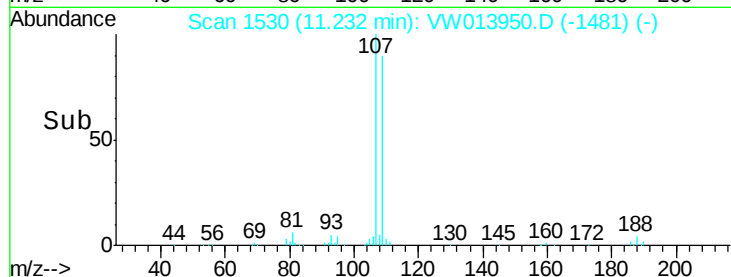
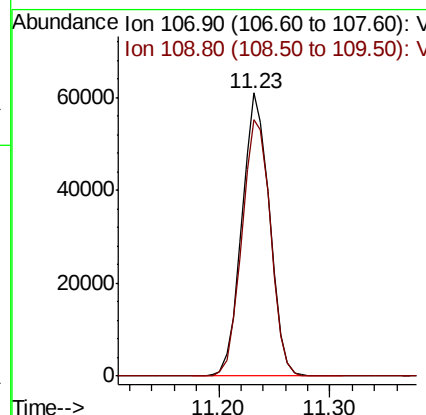
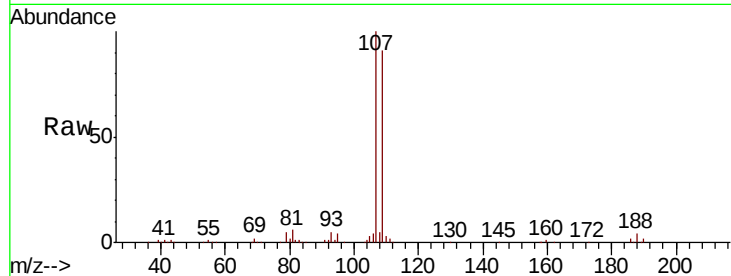
#61
 1,2-Dibromoethane
 Concen: 49.670 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VW013950.D
 Acq: 08 Nov 2019 17:37

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-38-(2-4)MS

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.2	75.7	113.5

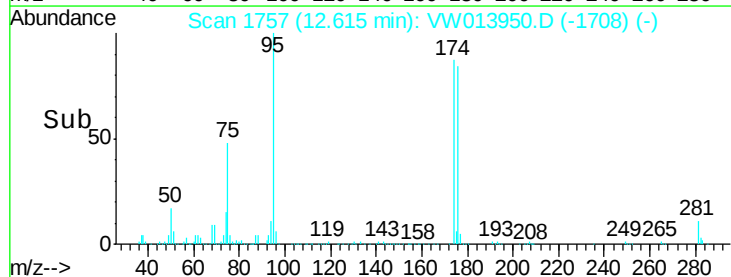
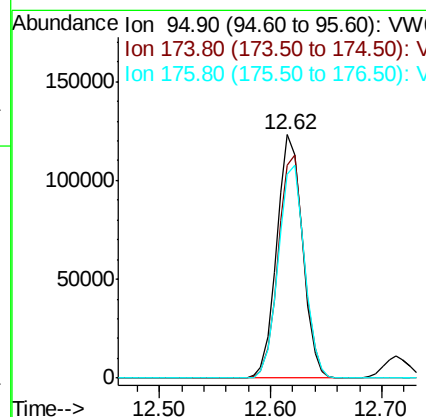
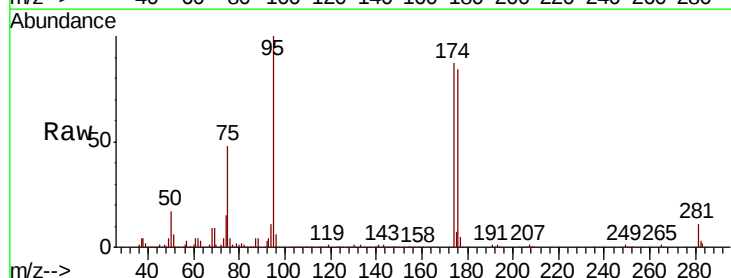
Manual Integrations
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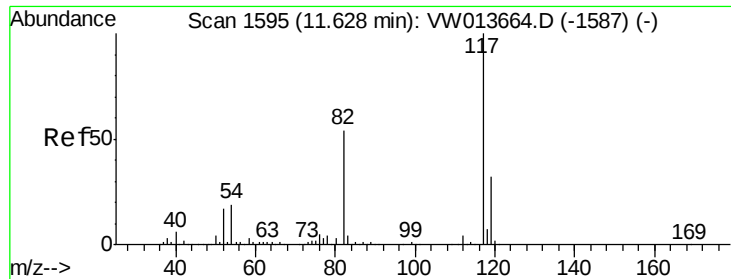
MMDadoda
 11/12/2019 12:58:55 PM



#62
 4-Bromofluorobenzene
 Concen: 53.107 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW013950.D
 Acq: 08 Nov 2019 17:37

Tgt Ion	Ratio	Lower	Upper
95	100		
174	91.3	0.0	183.6
176	88.6	0.0	178.0





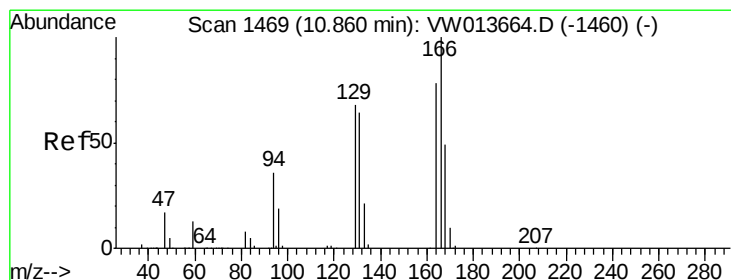
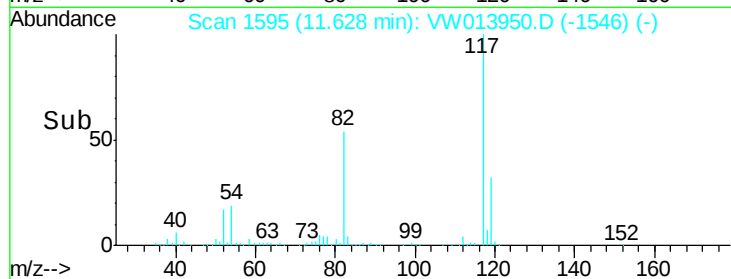
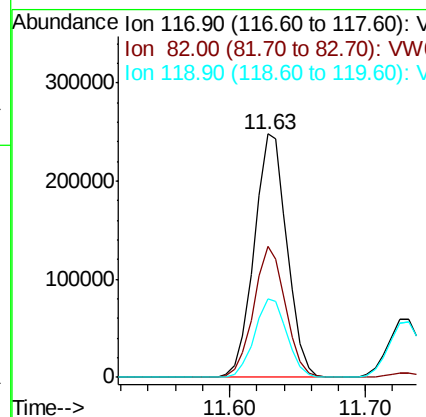
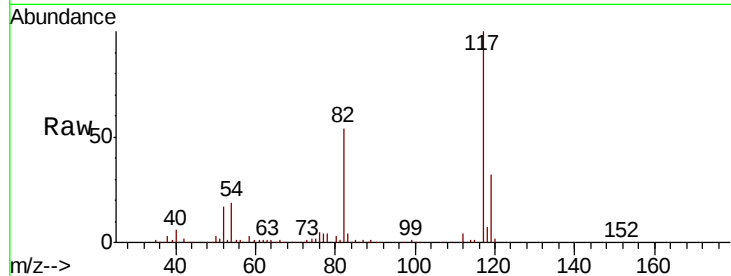
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW013950.D
Acq: 08 Nov 2019 17:37

Instrument :
MSVOA_W
ClientSampleId :
SB-38-(2-4)MS

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.9	43.6	65.4
119	32.4	25.4	38.2

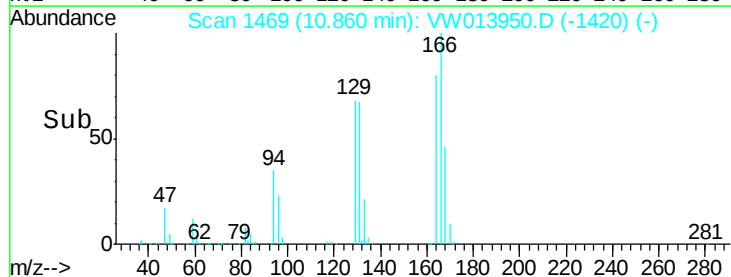
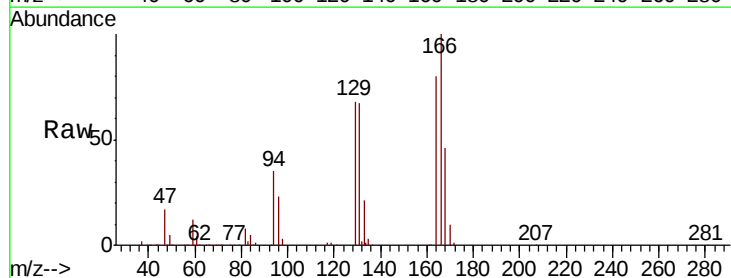
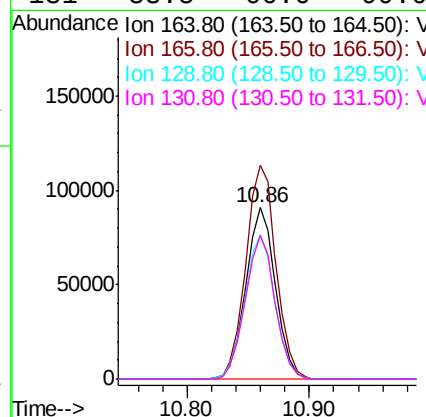
Manual Integrations
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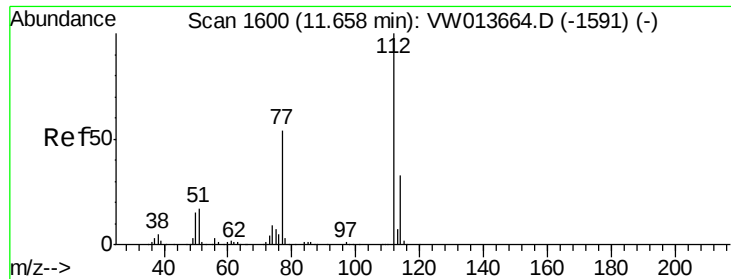
MMDadoda
11/12/2019 12:58:55 PM



#64
Tetrachloroethene
Concen: 47.578 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW013950.D
Acq: 08 Nov 2019 17:37

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.9	103.2	154.8
129	84.8	70.6	105.8
131	83.5	66.0	99.0





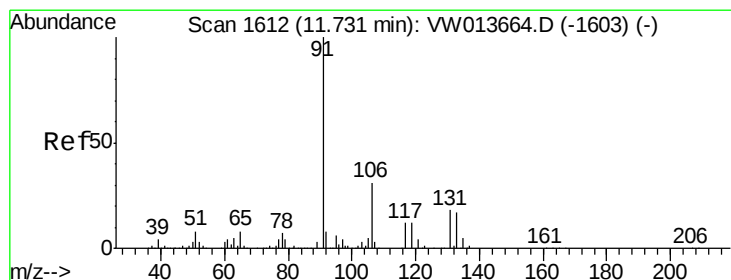
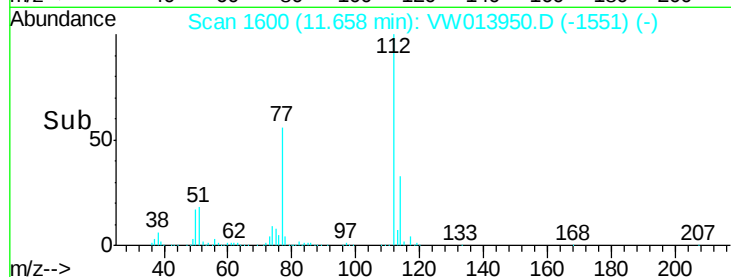
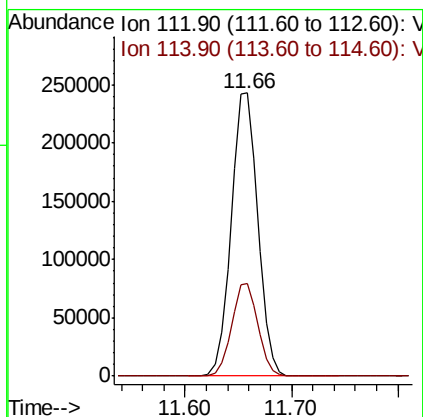
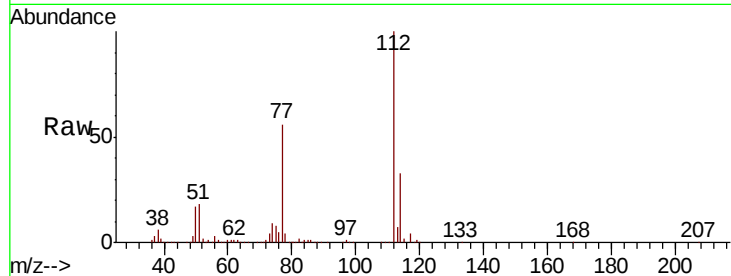
#65
Chlorobenzene
Concen: 49.611 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW013950.D
Acq: 08 Nov 2019 17:37

Instrument :
MSVOA_W
ClientSampleId :
SB-38-(2-4)MS

Tot Ion:112 Resp: 426133
Ion Ratio Lower Upper
112 100
114 32.9 26.2 39.4

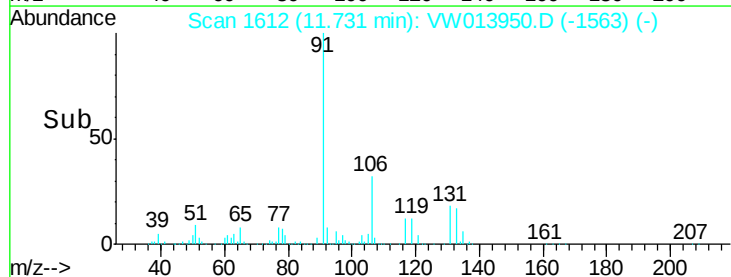
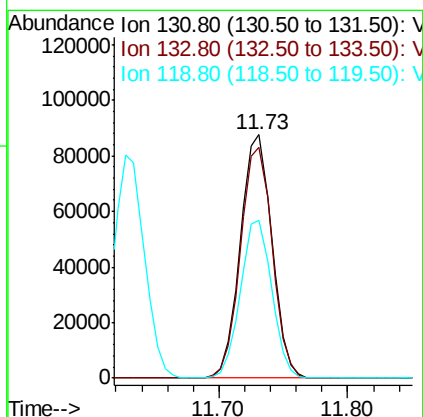
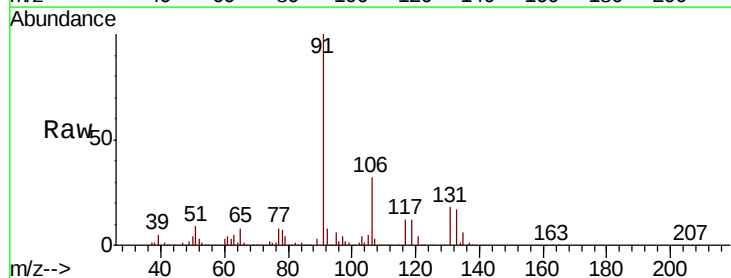
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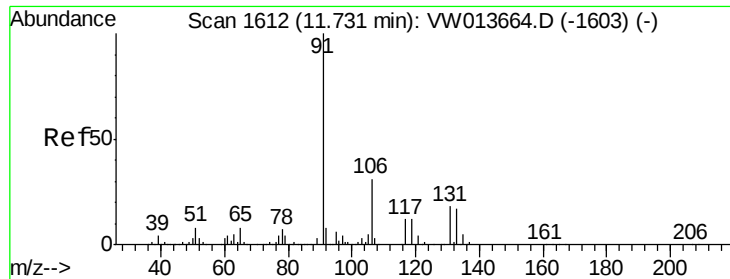
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.388 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW013950.D
Acq: 08 Nov 2019 17:37

Tgt Ion:131 Resp: 148052
Ion Ratio Lower Upper
131 100
133 95.5 47.4 142.3
119 64.9 33.1 99.2





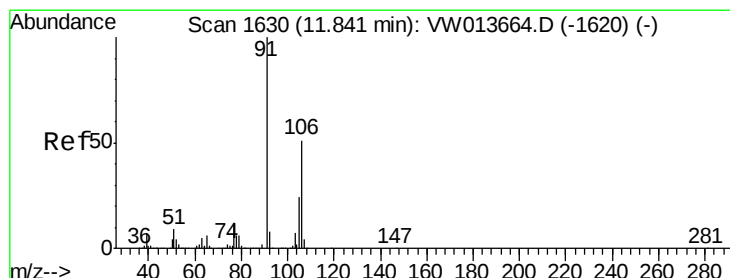
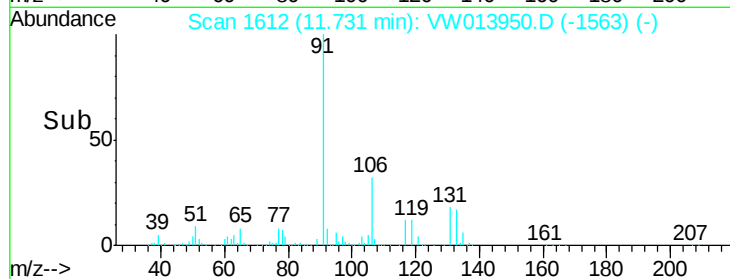
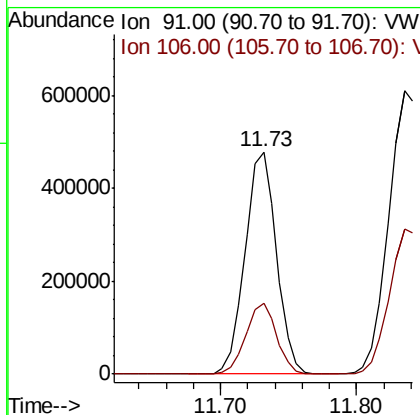
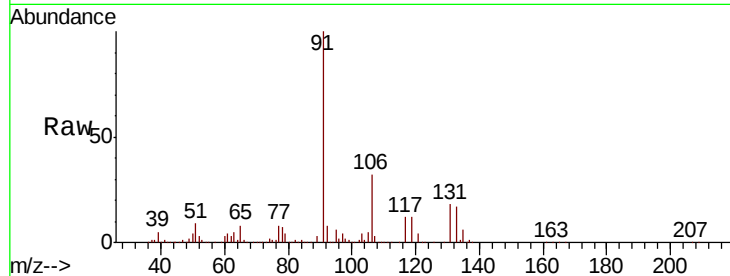
#67
Ethyl Benzene
Concen: 49.950 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW013950.D
Acq: 08 Nov 2019 17:37

Instrument :
MSVOA_W
ClientSampleId :
SB-38-(2-4)MS

Tot Ion: 91 Resp: 773650
Ion Ratio Lower Upper
91 100
106 31.8 25.0 37.6

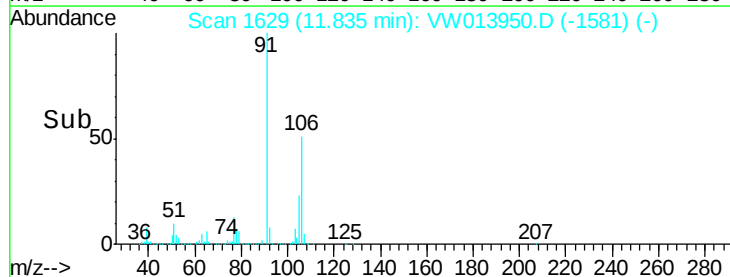
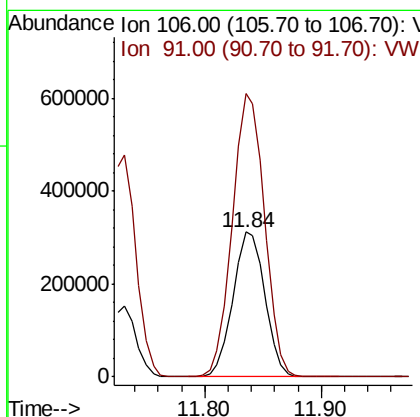
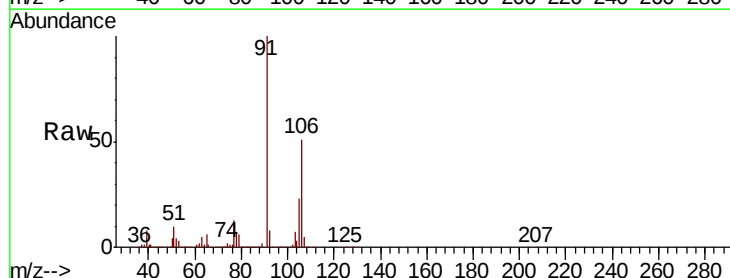
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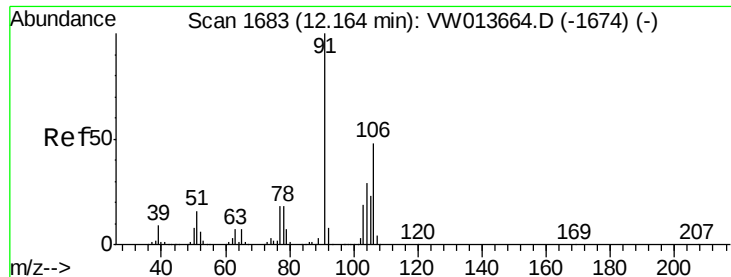
MMDadoda
11/12/2019 12:58:55 PM



#68
m/p-Xylenes
Concen: 99.625 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW013950.D
Acq: 08 Nov 2019 17:37

Tgt Ion: 106 Resp: 596157
Ion Ratio Lower Upper
106 100
91 196.7 159.2 238.8





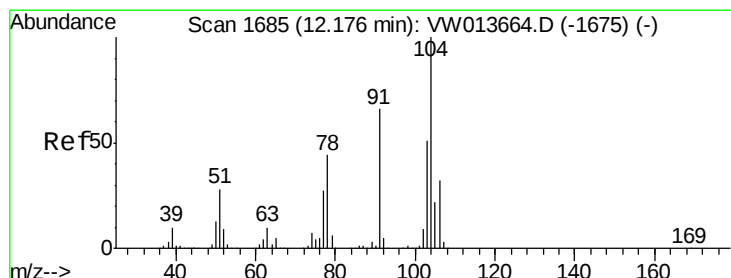
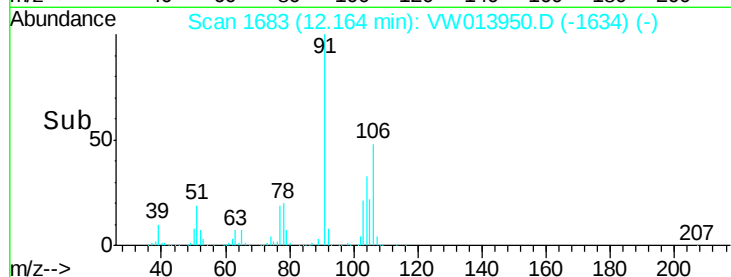
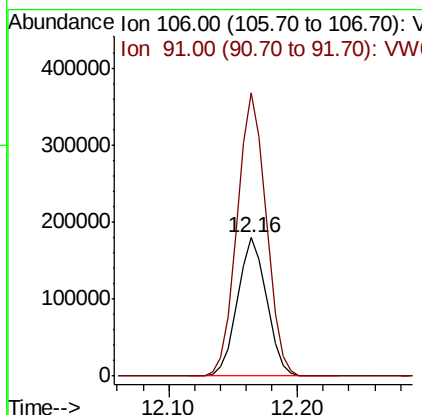
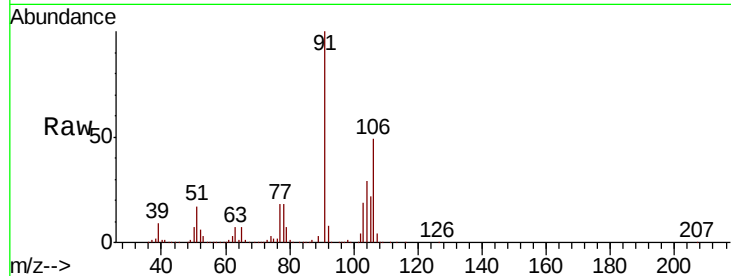
#69
o-Xylene
Concen: 51.048 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW013950.D
Acq: 08 Nov 2019 17:37

Instrument :
MSVOA_W
ClientSampleId :
SB-38-(2-4)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		280780		
91	205.1	104.9	314.7		

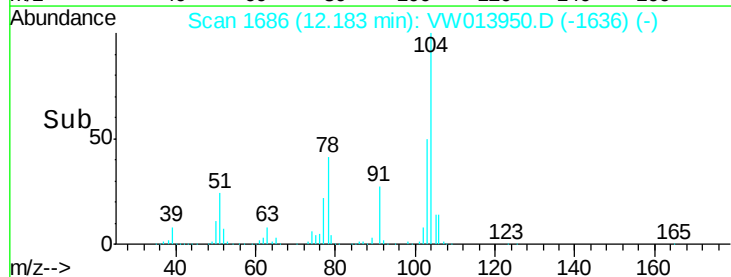
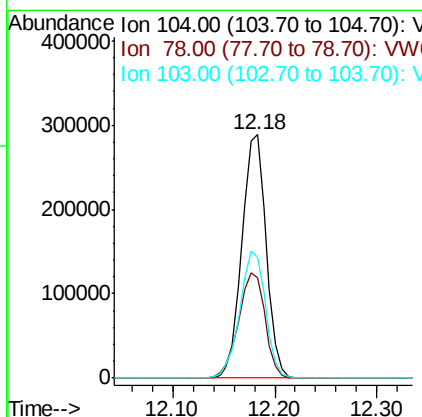
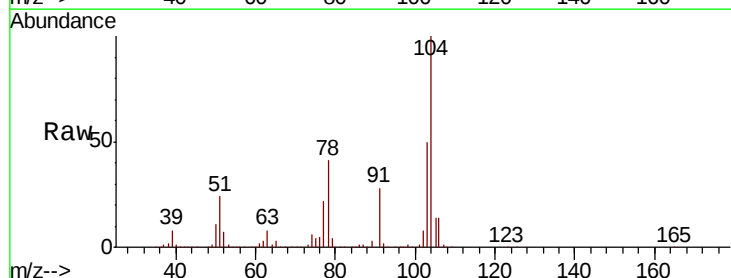
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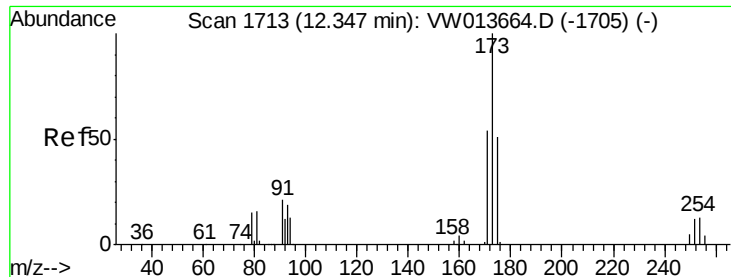
MMDadoda
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#70
Styrene
Concen: 50.424 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VW013950.D
Acq: 08 Nov 2019 17:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		476522		
78	47.3	37.1	55.7		
103	55.2	43.6	65.4		





#71

Bromoform

Concen: 47.677 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW013950.D

Acq: 08 Nov 2019 17:37

Instrument :

MSVOA_W

ClientSampleId :

SB-38-(2-4)MS

Tot Ion:173 Resp: 75004

Ion Ratio Lower Upper

173 100

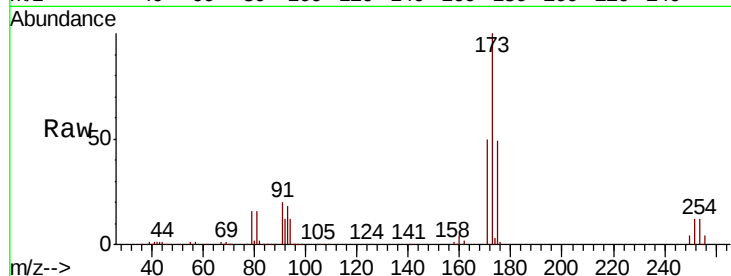
175 49.7 25.2 75.6

254 0.2 0.1 0.1#

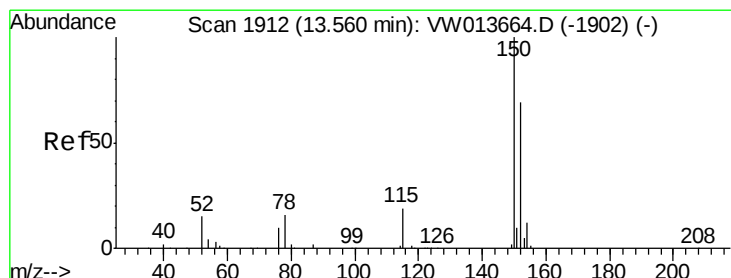
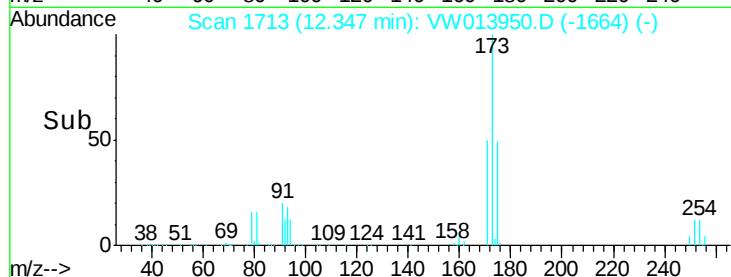
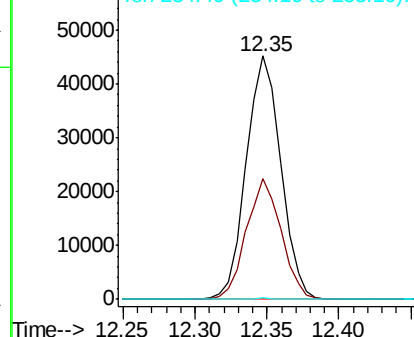
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW013950.D

Acq: 08 Nov 2019 17:37

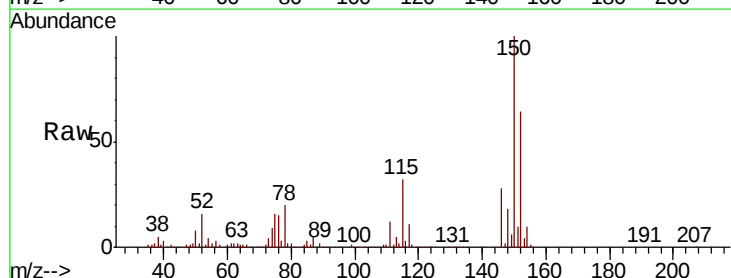
Tgt Ion:152 Resp: 209615

Ion Ratio Lower Upper

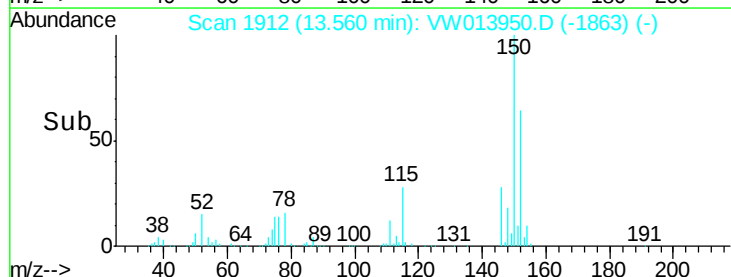
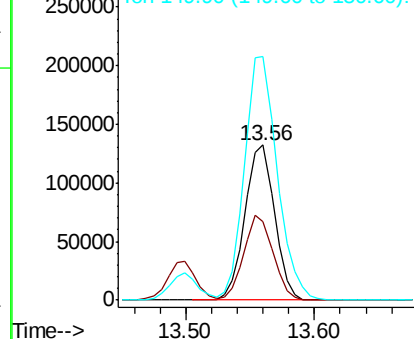
152 100

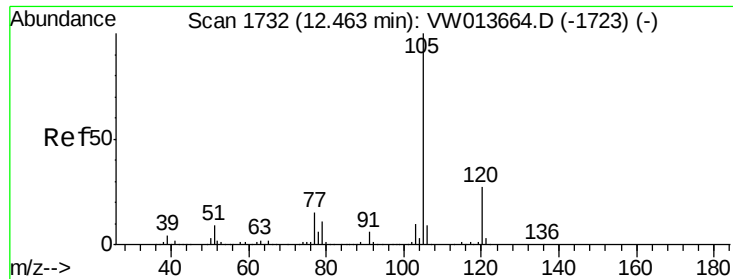
115 54.0 27.4 82.2

150 174.1 0.0 345.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.689 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW013950.D

Acq: 08 Nov 2019 17:37

Instrument :

MSVOA_W

ClientSampleId :

SB-38-(2-4)MS

Tot Ion:105 Resp: 763024

Ion Ratio Lower Upper

105 100

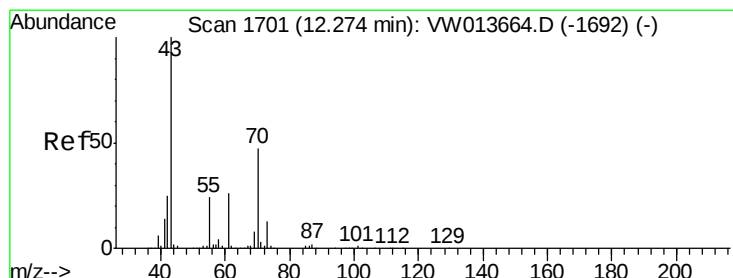
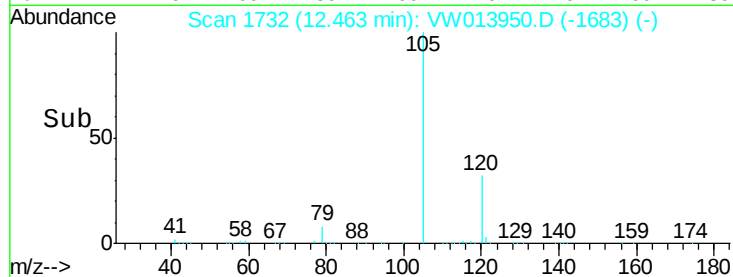
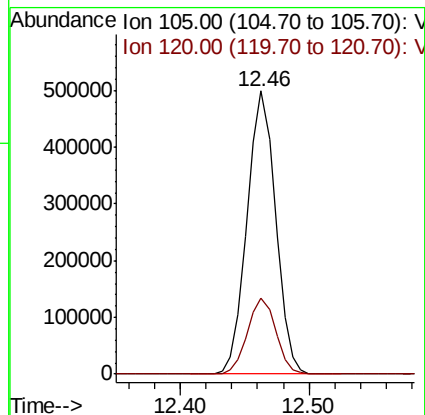
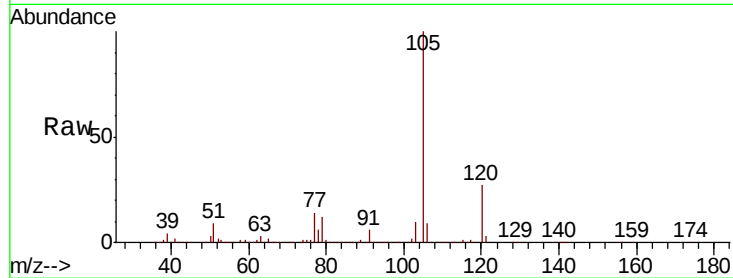
120 26.7 13.5 40.4

Manual Integrations

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#74

N-ethyl acetate

Concen: 53.159 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW013950.D

Acq: 08 Nov 2019 17:37

Tgt Ion: 43 Resp: 154795

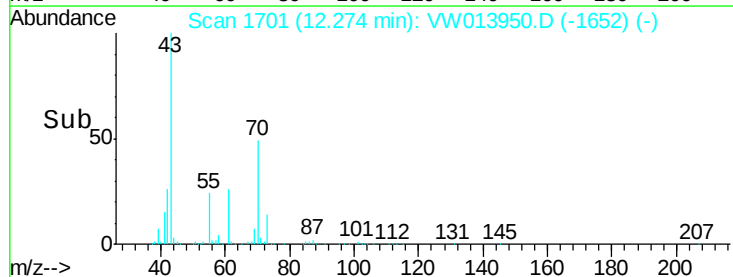
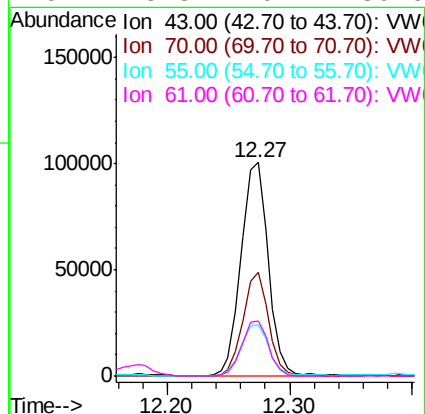
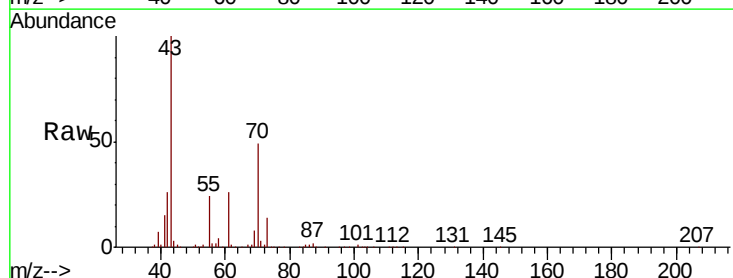
Ion Ratio Lower Upper

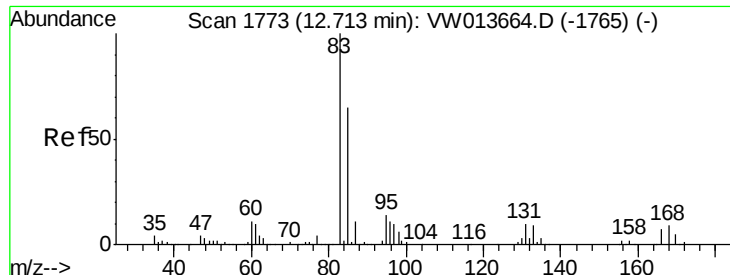
43 100

70 46.2 36.6 55.0

55 25.0 20.3 30.5

61 25.3 20.4 30.6





#75

1,1,2,2-Tetrachloroethane

Concen: 51.645 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW013950.D

Acq: 08 Nov 2019 17:37

Instrument :

MSVOA_W

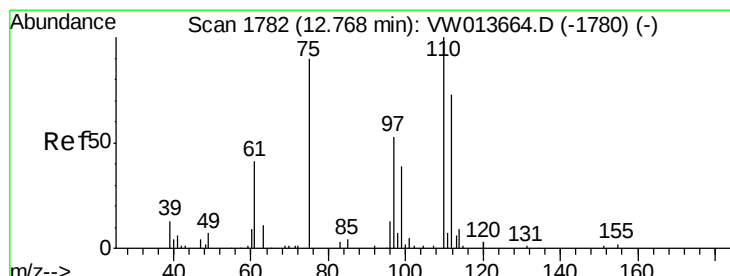
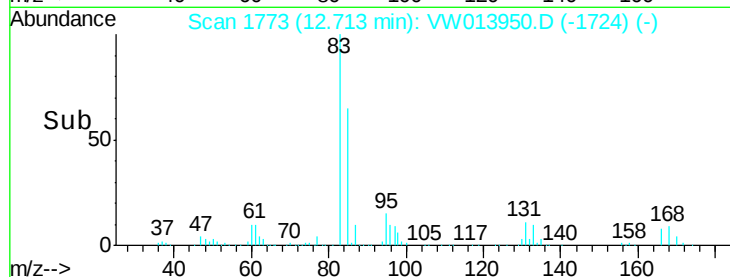
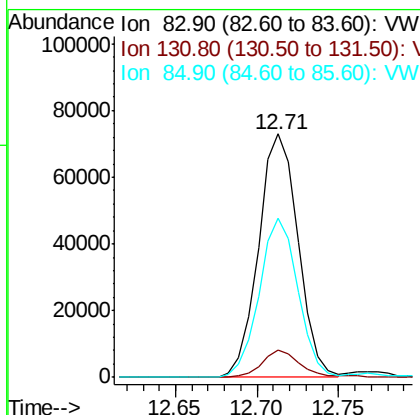
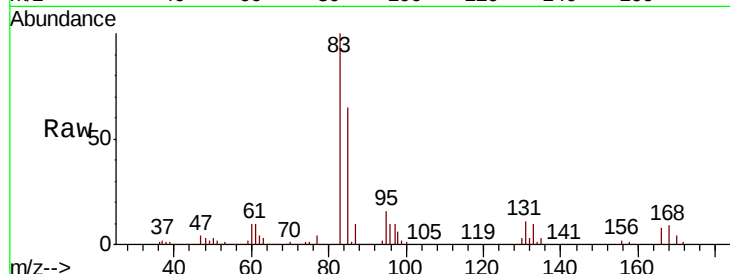
ClientSampleId :

SB-38-(2-4)MS

Tot Ion:	83	Resp:	122681
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.7	17.1
85	64.2	32.5	97.4

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#76

1,2,3-Trichloropropane

Concen: 62.118 ug/l m

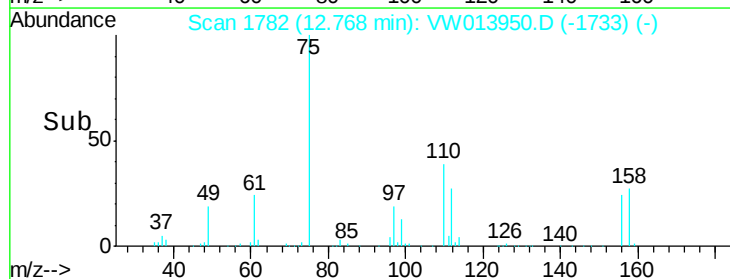
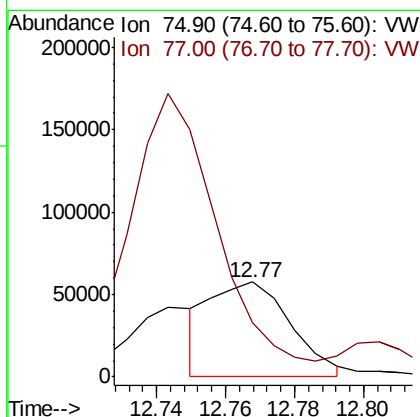
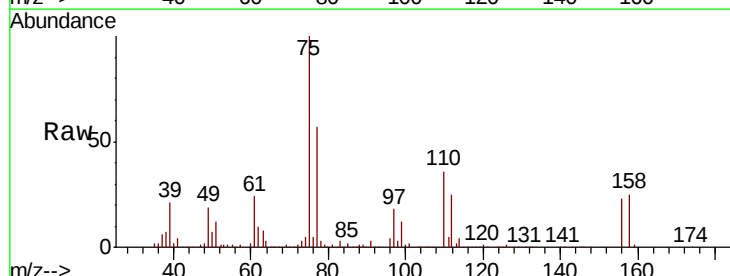
RT: 12.77 min Scan# 1782

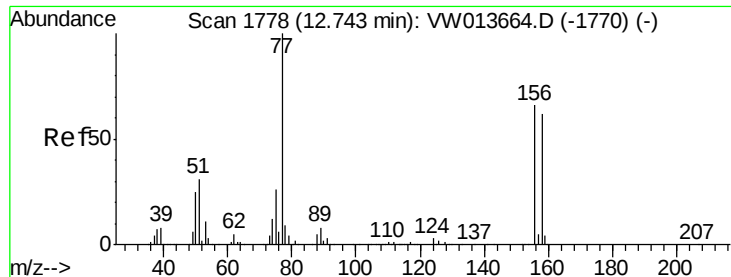
Delta R.T. 0.00 min

Lab File: VW013950.D

Acq: 08 Nov 2019 17:37

Tgt Ion:	75	Resp:	93508
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 50.542 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW013950.D

Acq: 08 Nov 2019 17:37

Instrument :

MSVOA_W

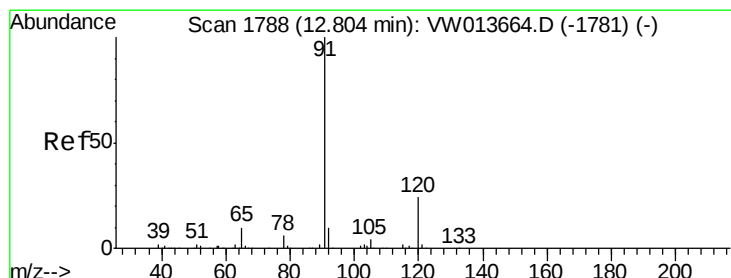
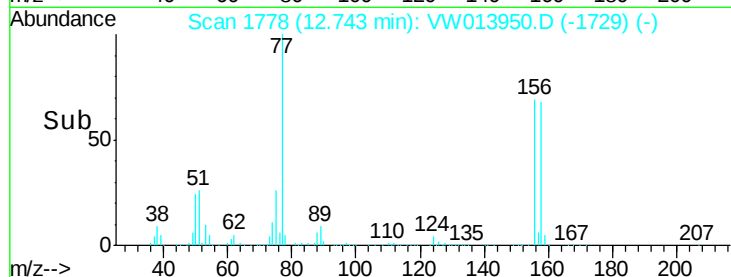
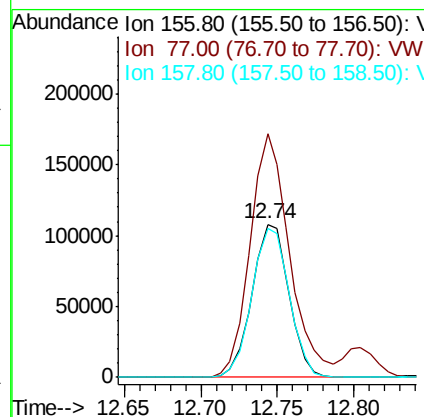
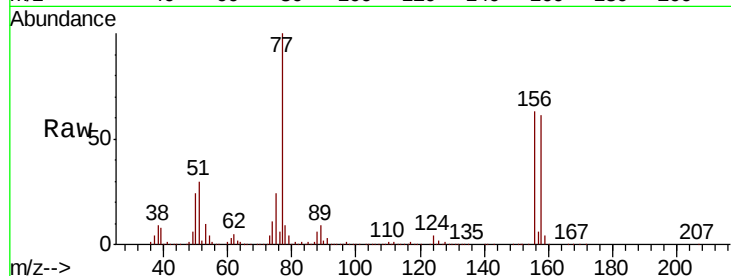
ClientSampleId :

SB-38-(2-4)MS

Tot Ion	Ratio	Lower	Upper
156	100		
77	169.6	82.9	248.7
158	98.4	48.4	145.2

Manual Integrations
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#78

n-propylbenzene

Concen: 50.624 ug/l

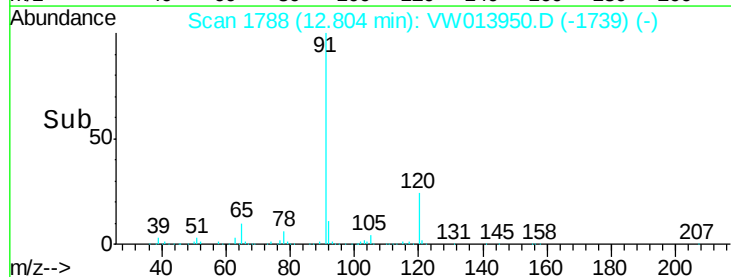
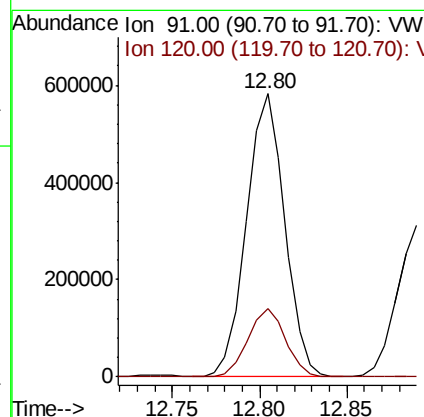
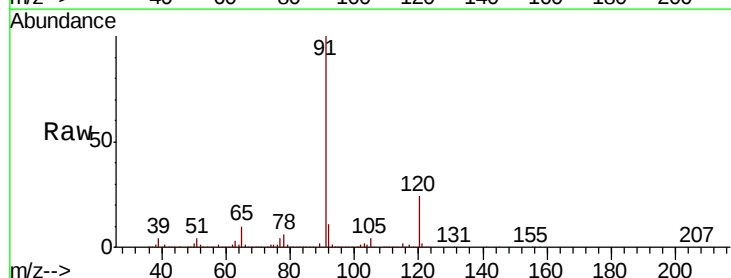
RT: 12.80 min Scan# 1788

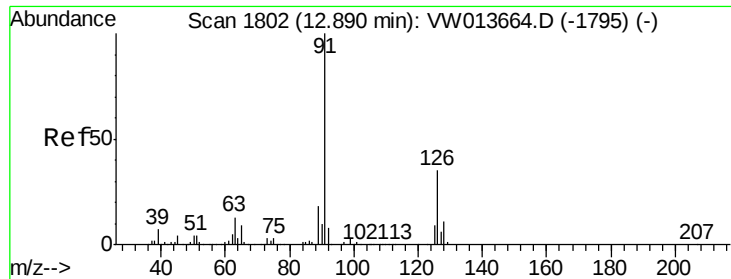
Delta R.T. 0.00 min

Lab File: VW013950.D

Acq: 08 Nov 2019 17:37

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.8	12.0	36.0





#79

2-Chlorotoluene

Concen: 50.928 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW013950.D

Acq: 08 Nov 2019 17:37

Instrument :

MSVOA_W

ClientSampleId :

SB-38-(2-4)MS

Tot Ion: 91 Resp: 498644

Ion Ratio Lower Upper

91 100

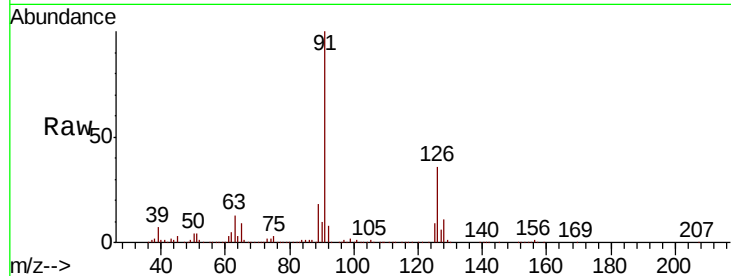
126 35.1 17.4 52.2

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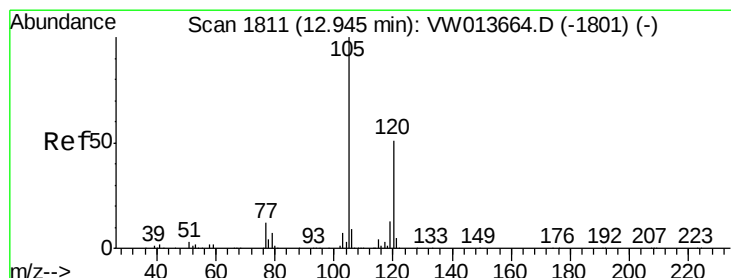
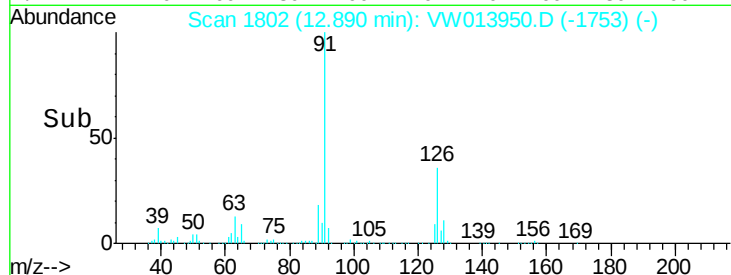
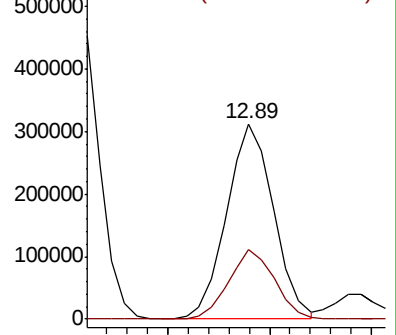
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 51.312 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW013950.D

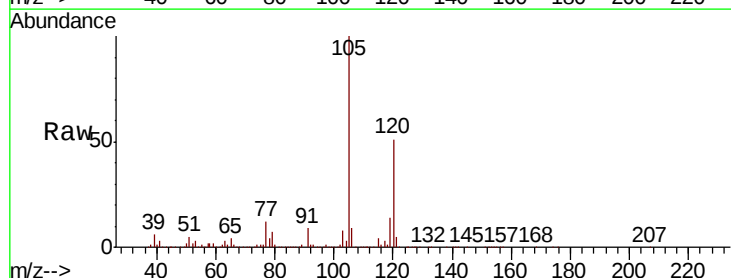
Acq: 08 Nov 2019 17:37

Tgt Ion: 105 Resp: 652042

Ion Ratio Lower Upper

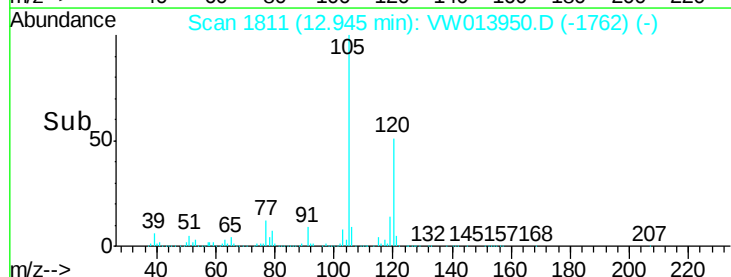
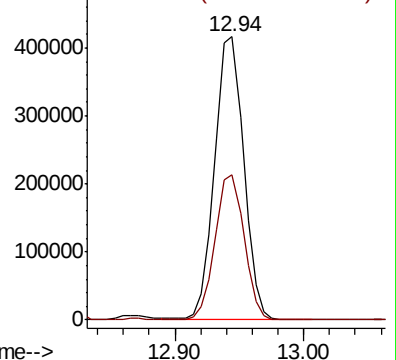
105 100

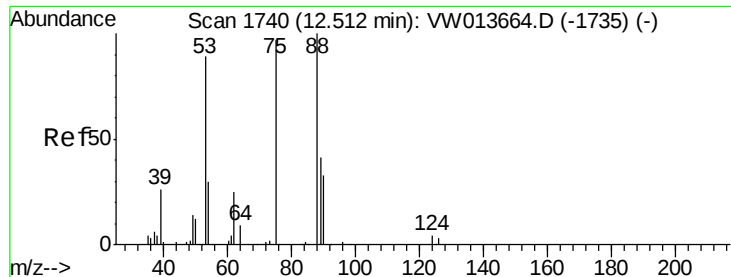
120 51.0 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 50.763 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW013950.D

Acq: 08 Nov 2019 17:37

Instrument :

MSVOA_W

ClientSampleId :

SB-38-(2-4)MS

Tot Ion: 75 Resp: 40434

Ion Ratio Lower Upper

75 100

53 89.3 71.7 107.5

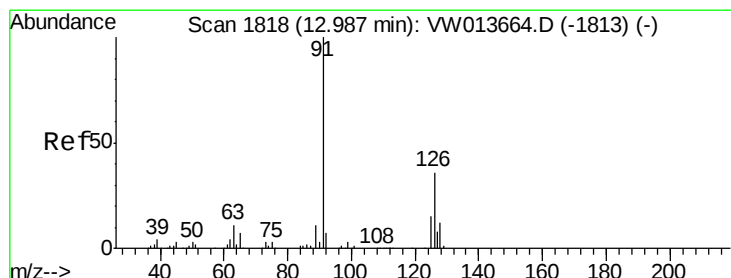
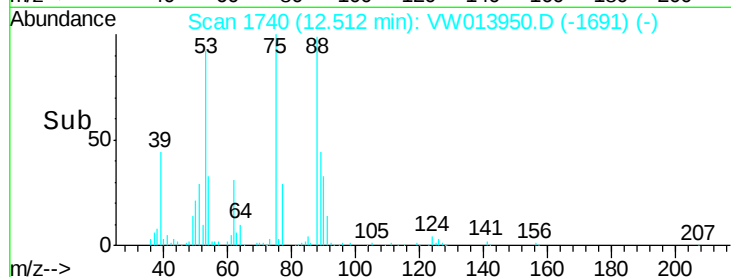
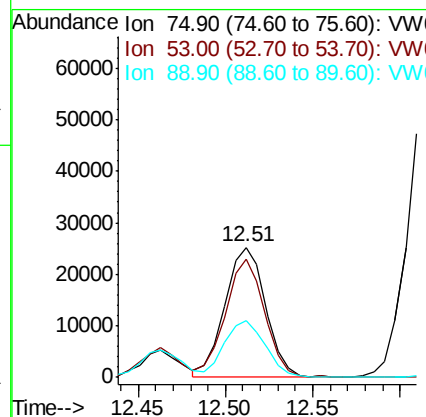
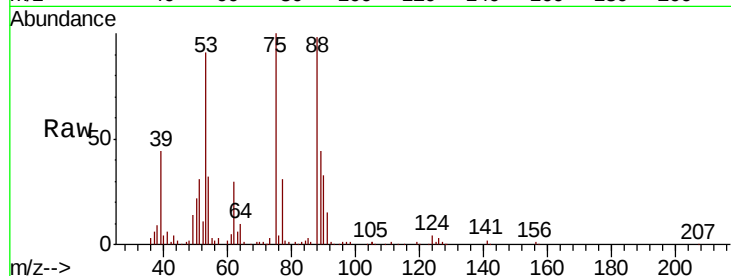
89 43.5 35.8 53.8

Manual Integrations

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#82

4-Chlorotoluene

Concen: 50.070 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW013950.D

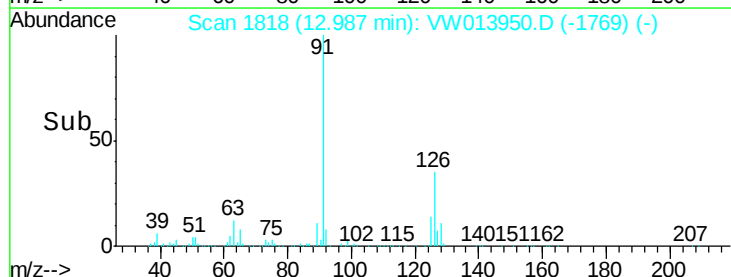
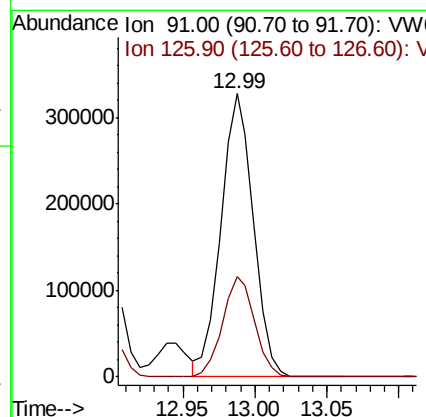
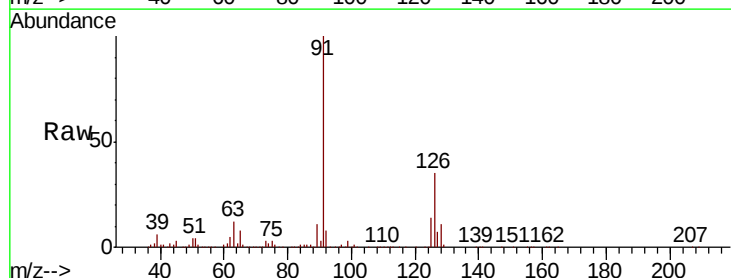
Acq: 08 Nov 2019 17:37

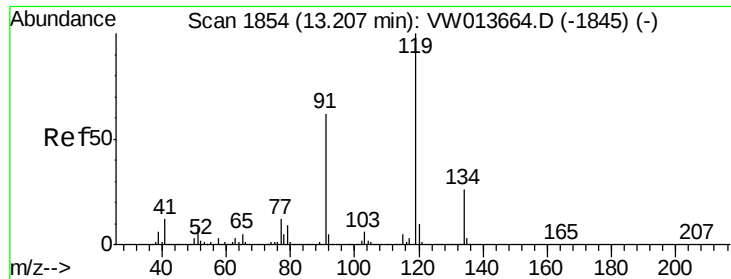
Tgt Ion: 91 Resp: 514679

Ion Ratio Lower Upper

91 100

126 35.2 17.2 51.5





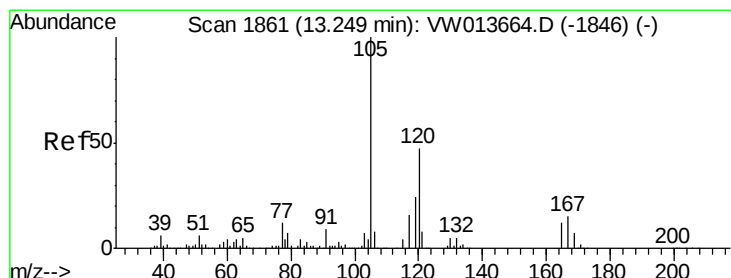
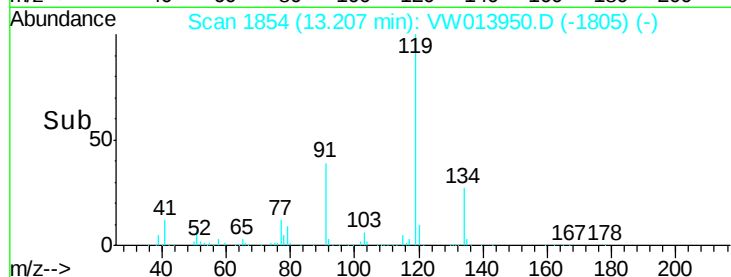
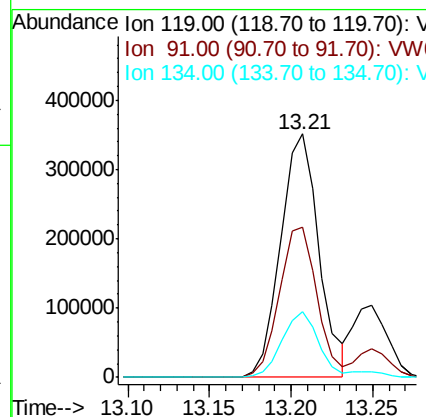
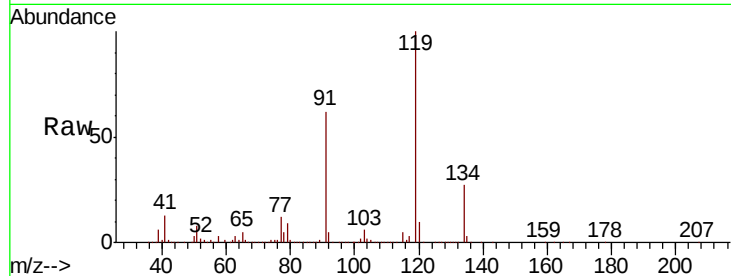
#83
tert-Butylbenzene
Concen: 50.652 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW013950.D
Acq: 08 Nov 2019 17:37

Instrument :
MSVOA_W
ClientSampleId :
SB-38-(2-4)MS

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.6	30.4	91.3
134	26.0	13.6	40.8

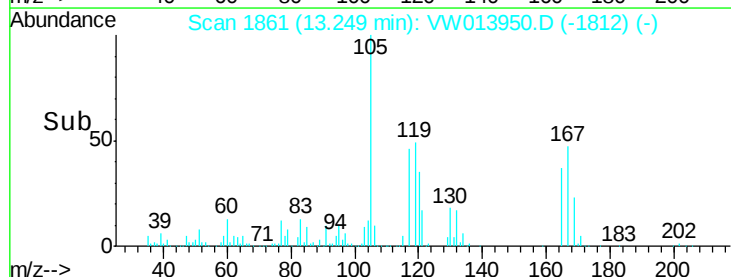
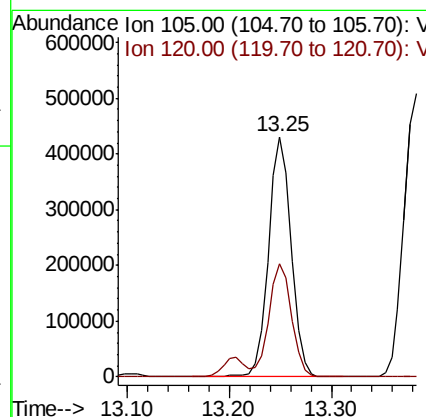
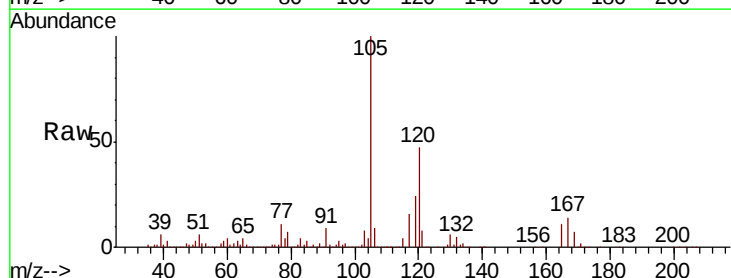
Manual Integrations
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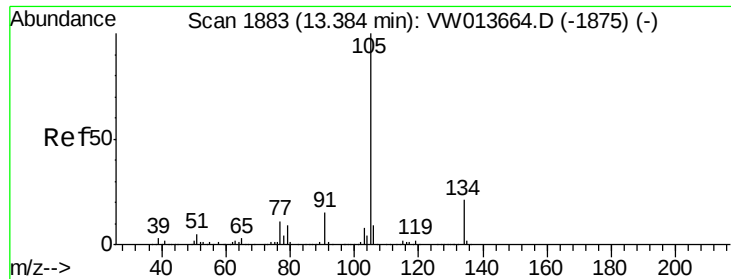
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#84
1,2,4-Trimethylbenzene
Concen: 52.843 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW013950.D
Acq: 08 Nov 2019 17:37

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.2	23.5	70.5





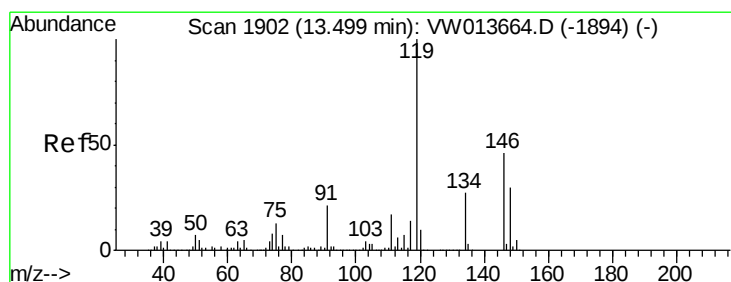
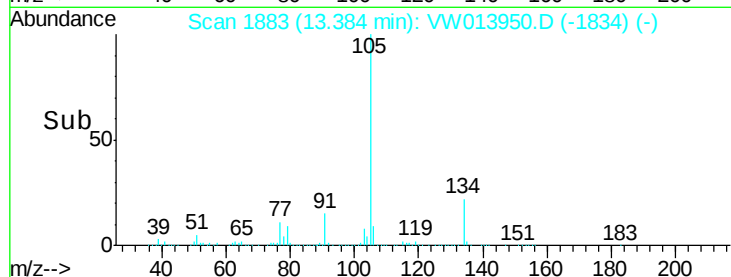
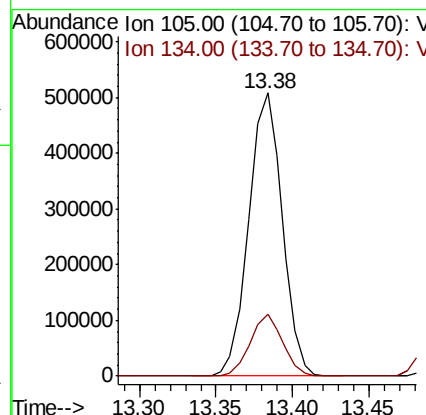
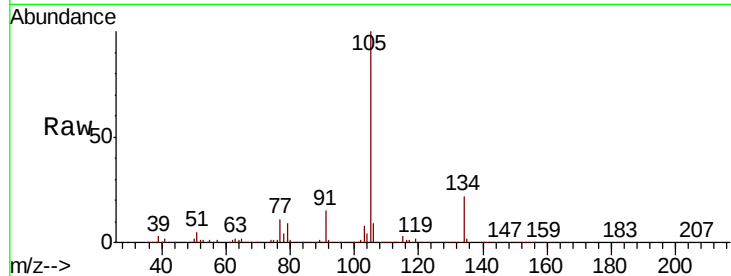
#85
 sec-Butylbenzene
 Concen: 50.245 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW013950.D
 Acq: 08 Nov 2019 17:37

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-38-(2-4)MS

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.0	10.5	31.5

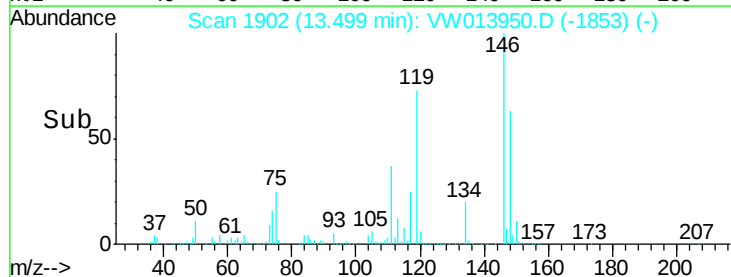
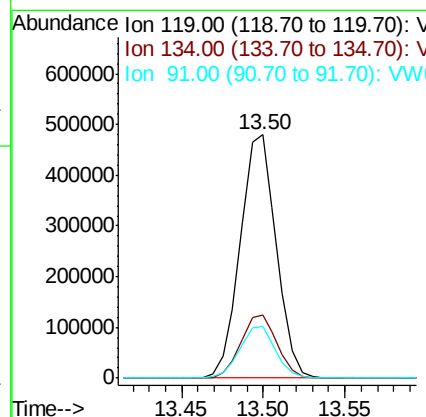
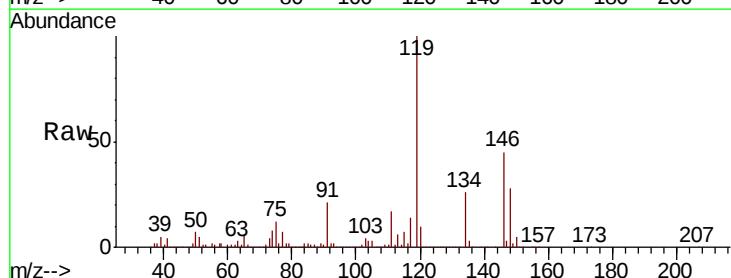
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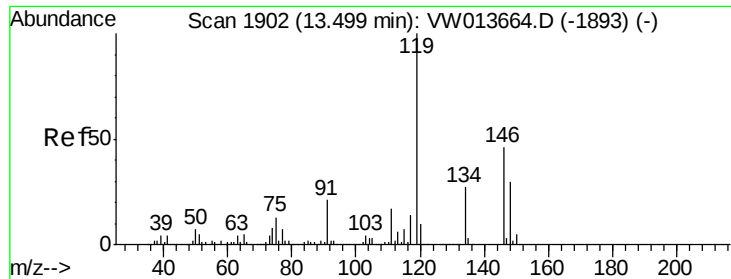
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#86
 p-Isopropyltoluene
 Concen: 51.074 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW013950.D
 Acq: 08 Nov 2019 17:37

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.1	13.4	40.1
91	21.1	10.8	32.3





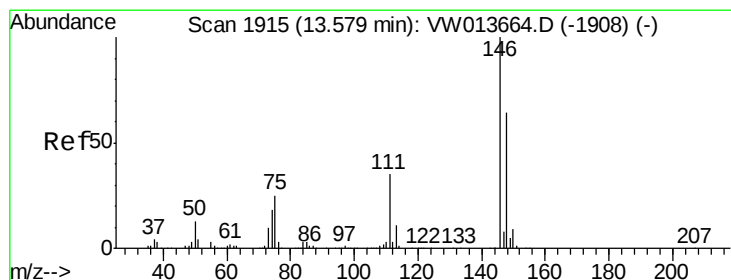
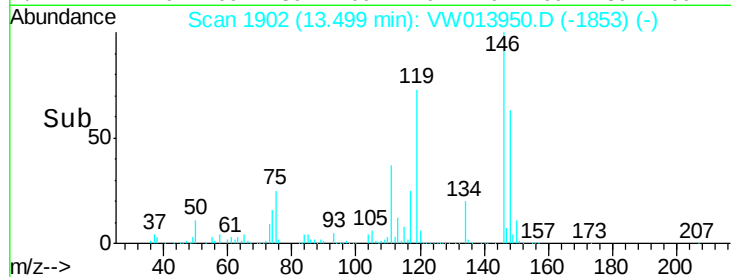
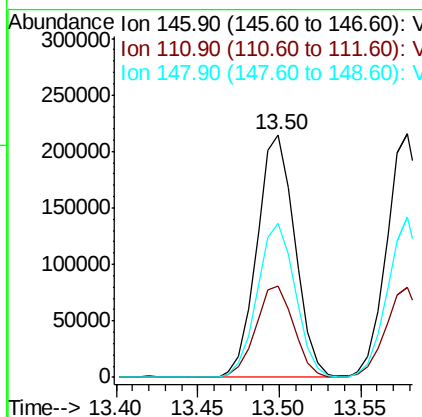
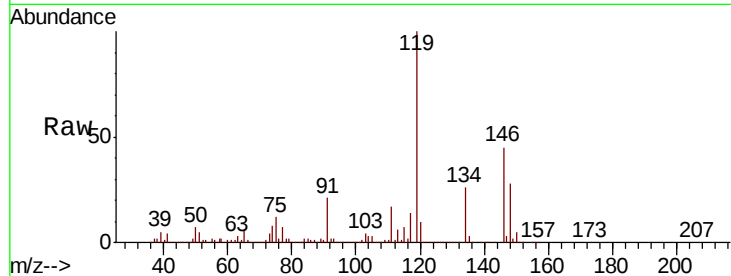
#87
 1,3-Dichlorobenzene
 Concen: 49.938 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW013950.D
 Acq: 08 Nov 2019 17:37

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-38-(2-4)MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.6	56.0
148	63.6	31.7	95.1

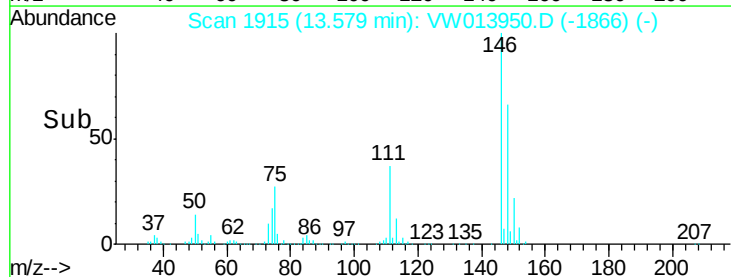
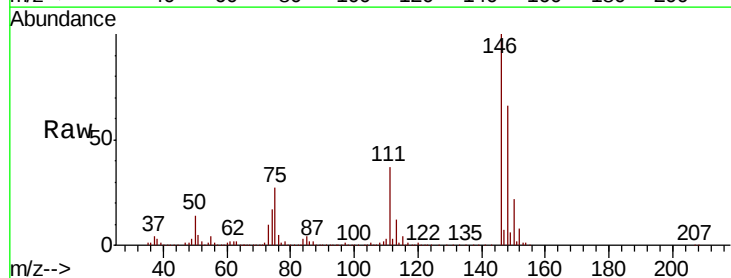
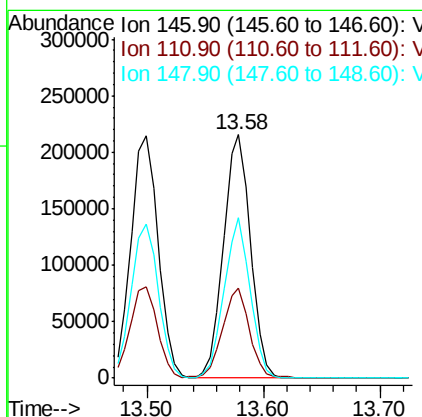
Manual Integrations
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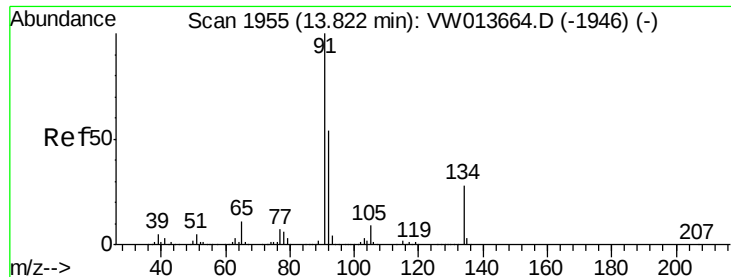
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#88
 1,4-Dichlorobenzene
 Concen: 49.910 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW013950.D
 Acq: 08 Nov 2019 17:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.1	54.3
148	63.4	32.0	96.2





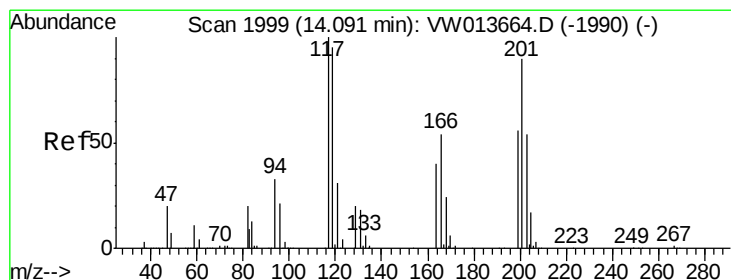
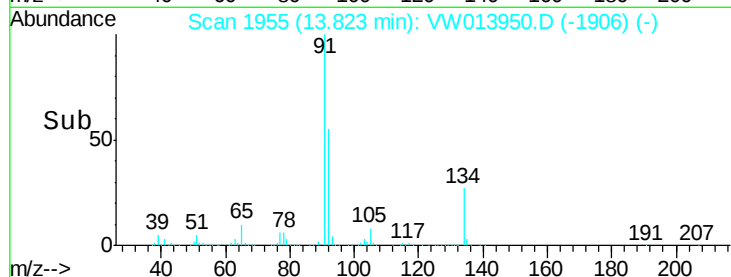
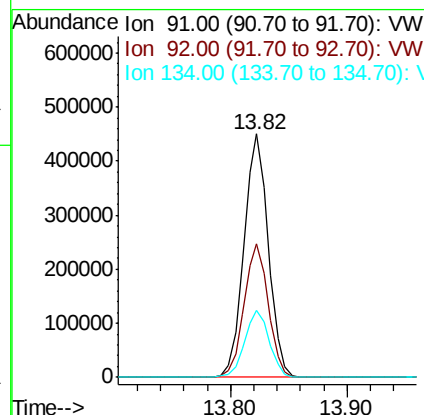
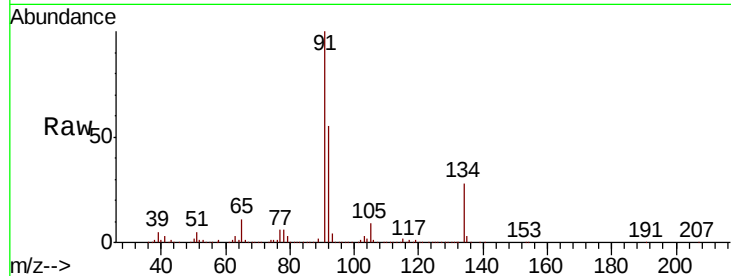
#89
n-Butylbenzene
Concen: 50.388 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW013950.D
Acq: 08 Nov 2019 17:37

Instrument :
MSVOA_W
ClientSampleId :
SB-38-(2-4)MS

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.6	27.5	82.4
134	28.2	14.0	41.9

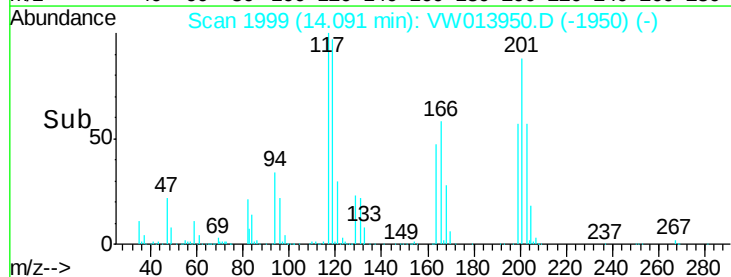
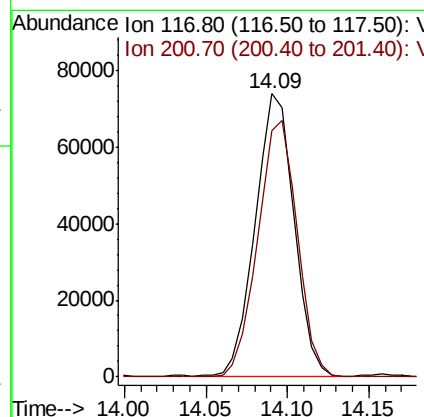
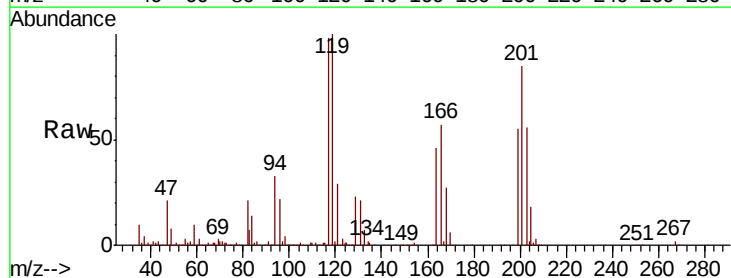
Manual Integrations
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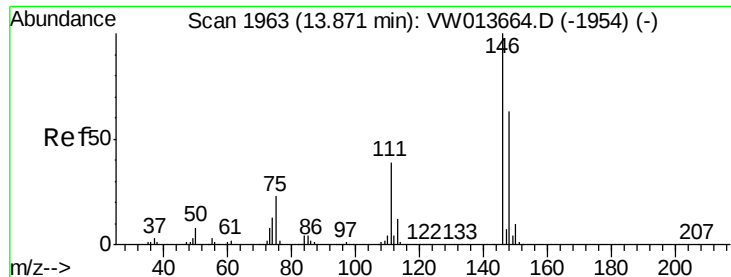
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#90
Hexachloroethane
Concen: 48.914 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. 0.00 min
Lab File: VW013950.D
Acq: 08 Nov 2019 17:37

Tgt Ion	Ratio	Lower	Upper
117	100		
201	92.3	46.1	138.2





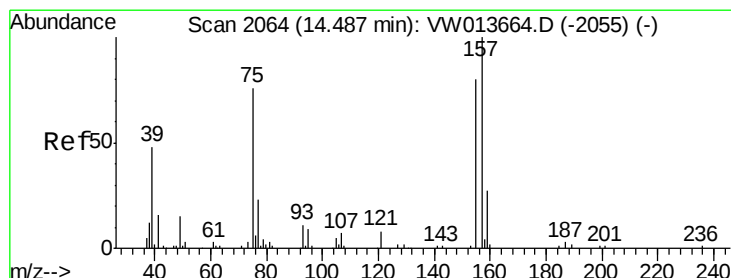
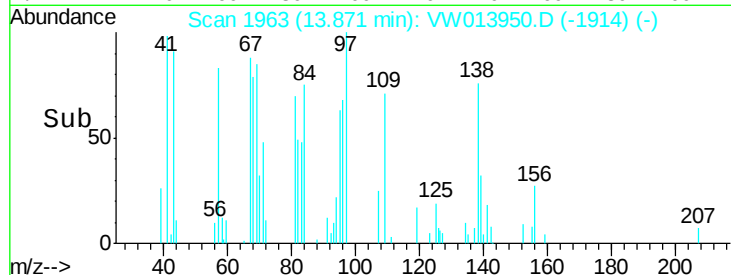
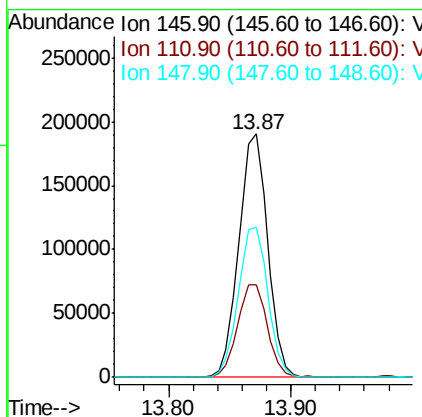
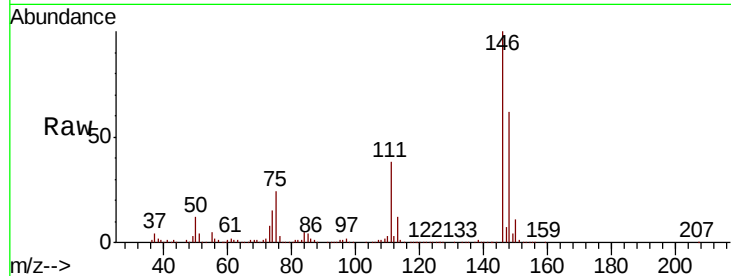
#91
 1,2-Dichlorobenzene
 Concen: 51.442 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW013950.D
 Acq: 08 Nov 2019 17:37

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-38-(2-4)MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.9	59.6
148	63.2	31.9	95.9

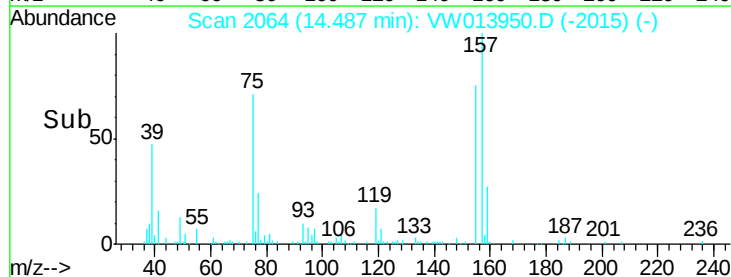
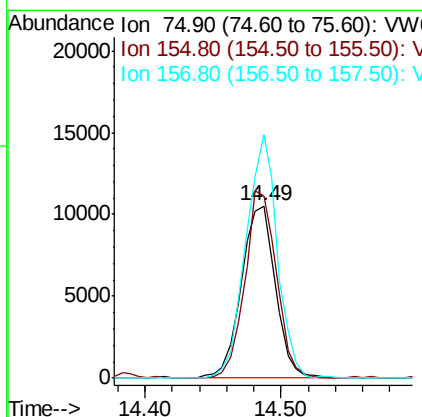
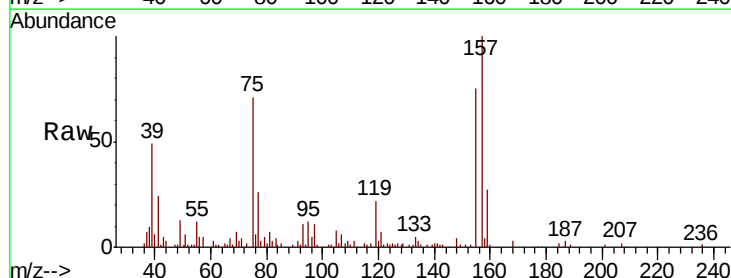
Manual Integrations
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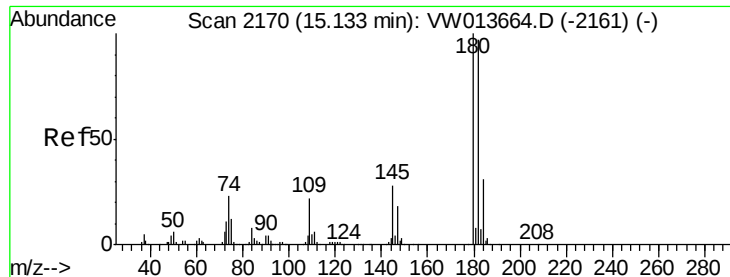
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.444 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW013950.D
 Acq: 08 Nov 2019 17:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	100.7	51.9	155.7
157	130.5	64.8	194.3





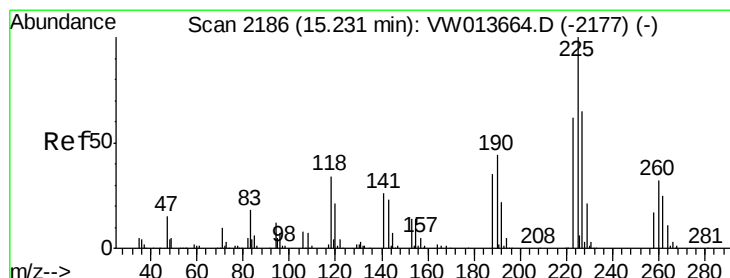
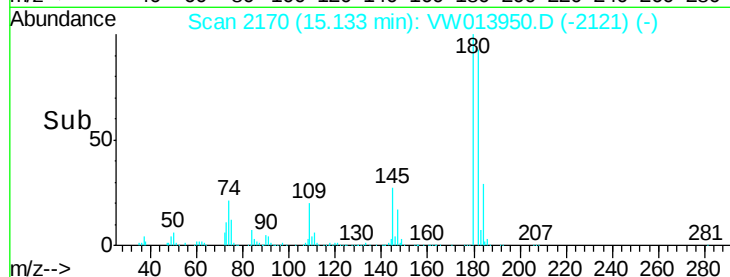
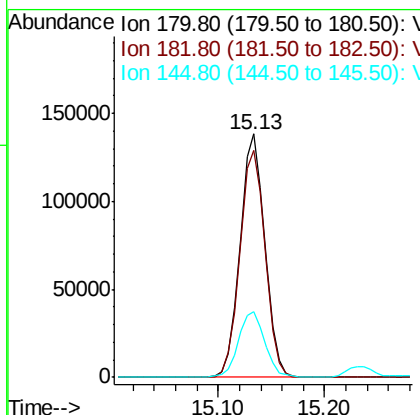
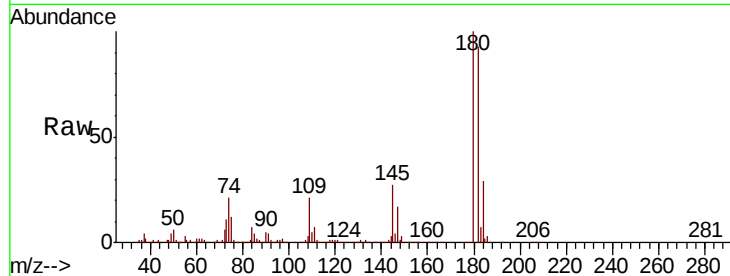
#93
 1,2,4-Trichlorobenzene
 Concen: 51.300 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW013950.D
 Acq: 08 Nov 2019 17:37

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-38-(2-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
180	100	225542		
182	95.4	47.4	142.2	
145	28.7	14.1	42.3	

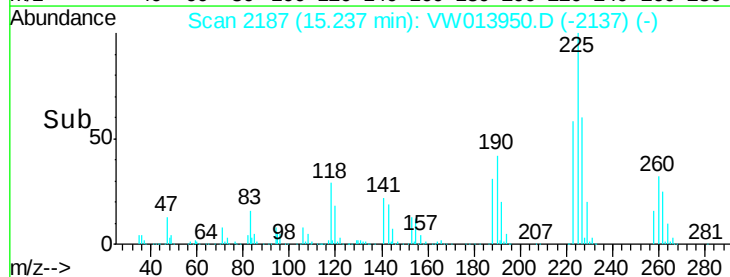
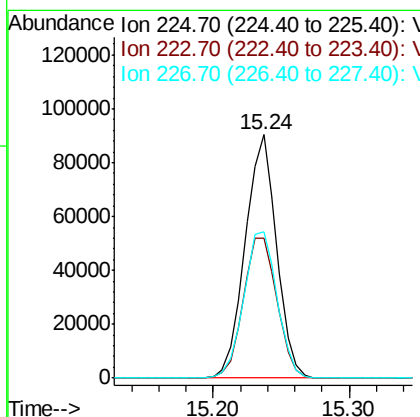
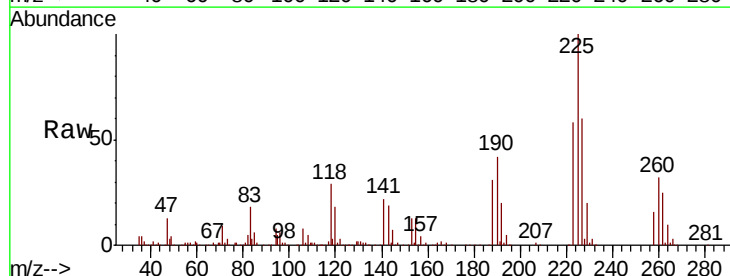
Manual Integrations
 APPROVED

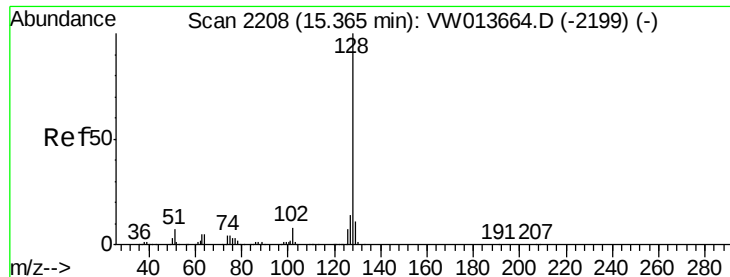
MMDadoda
 11/12/2019 12:58:55 PM



#94
 Hexachlorobutadiene
 Concen: 49.110 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.01 min
 Lab File: VW013950.D
 Acq: 08 Nov 2019 17:37

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	145761		
223	62.1	31.9	95.9	
227	64.0	32.5	97.4	





#95

Naphthalene

Concen: 57.738 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VW013950.D

Acq: 08 Nov 2019 17:37

Instrument :

MSVOA_W

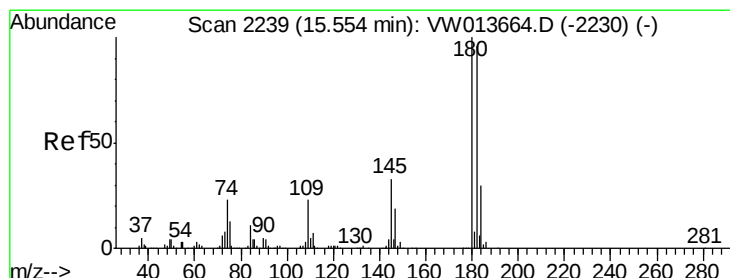
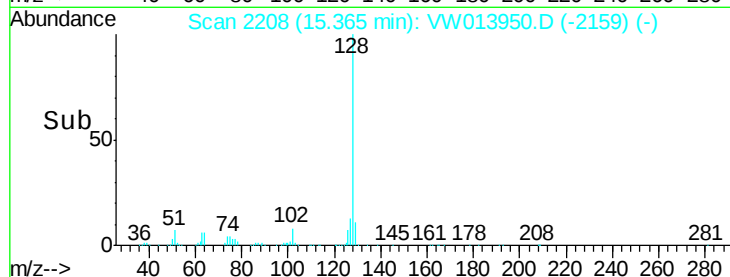
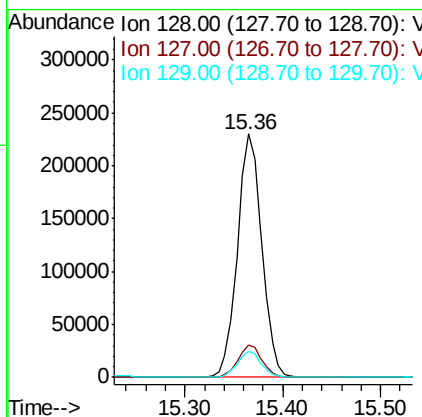
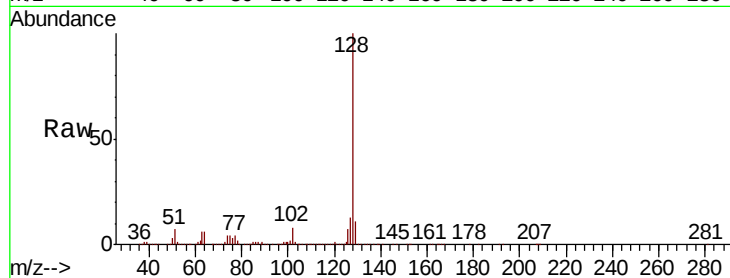
ClientSampleId :

SB-38-(2-4)MS

Tot Ion:	128	Resp:	397997
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.6	15.8
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
11/12/2019 12:58:55 PM



#96

1,2,3-Trichlorobenzene

Concen: 51.309 ug/l

RT: 15.55 min Scan# 2239

Delta R.T. 0.00 min

Lab File: VW013950.D

Acq: 08 Nov 2019 17:37

Tgt Ion:	180	Resp:	194376
Ion Ratio	Lower	Upper	
180	100		
182	95.2	47.4	142.3
145	30.9	14.9	44.9

