

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW051019\
 Data File : VW010355.D
 Acq On : 10 May 2019 14:43
 Operator : SY/VA
 Sample : VW0510SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0510SBSD01

Manual Integrations
 APPROVED

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 5/11/2019 12:12:11 PM

Quant Time: May 10 23:55:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050919S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 10 03:41:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	1330165	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	2192261	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1983464	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	990783	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	809029	57.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.42%	
35) Dibromofluoromethane	7.88	113	697796	54.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.78%	
50) Toluene-d8	10.32	98	2776371	53.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.30%	
62) 4-Bromofluorobenzene	12.62	95	1009595	54.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.02	85	189287	18.809	ug/l	98
3) Chloromethane	2.21	50	264723	19.442	ug/l	98
4) Vinyl Chloride	2.37	62	337710	19.957	ug/l	98
5) Bromomethane	2.77	94	193639	19.844	ug/l	100
6) Chloroethane	2.92	64	197735	20.206	ug/l	99
7) Trichlorofluoromethane	3.25	101	139353	16.450	ug/l	99
8) Diethyl Ether	3.67	74	164743	22.121	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.04	101	284091	20.466	ug/l	98
10) Methyl Iodide	4.27	142	411965	20.958	ug/l	94
11) Tert butyl alcohol	5.18	59	96647	96.774	ug/l	99
12) 1,1-Dichloroethene	4.03	96	297986	20.544	ug/l	97
13) Acrolein	3.89	56	107578	81.589	ug/l	99
14) Allyl chloride	4.65	41	415244	19.179	ug/l	93
15) Acrylonitrile	5.37	53	374409	90.706	ug/l	97
16) Acetone	4.12	43	337330	91.502	ug/l	98
17) Carbon Disulfide	4.38	76	864935	19.717	ug/l	99
18) Methyl Acetate	4.67	43	169321	18.543	ug/l	95
19) Methyl tert-butyl Ether	5.42	73	384681	22.279	ug/l	96
20) Methylene Chloride	4.91	84	379988	24.712	ug/l	94
21) trans-1,2-Dichloroethene	5.41	96	326641	20.921	ug/l	98
22) Diisopropyl ether	6.31	45	1008220	23.994	ug/l	97
23) Vinyl Acetate	6.25	43	3236096	112.158	ug/l	97
24) 1,1-Dichloroethane	6.21	63	621945	21.984	ug/l	100
25) 2-Butanone	7.17	43	539757	95.706	ug/l	98
26) 2,2-Dichloropropane	7.16	77	297661	21.147	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	357074	22.239	ug/l	96
28) Bromochloromethane	7.51	49	271439	26.025	ug/l	98
29) Tetrahydrofuran	7.53	42	351256	96.292	ug/l	96
30) Chloroform	7.67	83	596307	22.523	ug/l	96
31) Cyclohexane	7.95	56	586732	20.255	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	434706	21.197	ug/l	100
36) 1,1-Dichloropropene	8.08	75	489847	20.608	ug/l	99
37) Ethyl Acetate	7.25	43	242424	19.155	ug/l	98
38) Carbon Tetrachloride	8.06	117	406329	19.942	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	575535	19.793	ug/l	97
40) Benzene	8.32	78	1381966	21.229	ug/l	99
41) Methacrylonitrile	7.48	41	134394	18.935	ug/l	93
42) 1,2-Dichloroethane	8.40	62	413272	22.179	ug/l	98
43) Isopropyl Acetate	8.43	43	426552	20.322	ug/l	98
44) Trichloroethene	9.09	130	339774	20.849	ug/l	97
45) 1,2-Dichloropropane	9.37	63	358734	22.170	ug/l	98
46) Dibromomethane	9.46	93	175791	21.029	ug/l	97
47) Bromodichloromethane	9.64	83	442430	22.064	ug/l	98
48) Methyl methacrylate	9.43	41	199157	20.067	ug/l	88
49) 1,4-Dioxane	9.45	88	56347	386.516	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	1188695	98.764	ug/l	94
52) Toluene	10.38	92	858347	21.572	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	442016	21.762	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	528522	21.971	ug/l	92
55) 1,1,2-Trichloroethane	10.79	97	255501	21.519	ug/l	99
56) Ethyl methacrylate	10.65	69	337874	21.549	ug/l #	89
57) 1,3-Dichloropropane	10.93	76	465932	21.951	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	811050	108.041	ug/l	99
59) 2-Hexanone	10.97	43	817691	96.090	ug/l	93
60) Dibromochloromethane	11.13	129	276451	21.638	ug/l	99
61) 1,2-Dibromoethane	11.23	107	240878	21.134	ug/l	98
64) Tetrachloroethene	10.86	164	276549	19.949	ug/l	97
65) Chlorobenzene	11.66	112	883387	21.515	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	306606	22.094	ug/l	100
67) Ethyl Benzene	11.73	91	1621127	21.463	ug/l	99
68) m/p-Xylenes	11.84	106	1205739	42.965	ug/l	98
69) o-Xylene	12.16	106	553803	21.815	ug/l	99
70) Styrene	12.18	104	979735	22.149	ug/l	99
71) Bromoform	12.35	173	157379	19.839	ug/l #	98
73) Isopropylbenzene	12.46	105	1543117	21.367	ug/l	100
74) N-amyl acetate	12.27	43	391786	20.999	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.71	83	319121	20.055	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	225396m	19.512	ug/l	
77) Bromobenzene	12.75	156	353038	21.650	ug/l	99
78) n-propylbenzene	12.80	91	1915182	21.472	ug/l	99
79) 2-Chlorotoluene	12.90	91	1091751	21.493	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	1313843	21.580	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	96824	18.929	ug/l	96
82) 4-Chlorotoluene	12.99	91	1142309	21.463	ug/l	99
83) tert-Butylbenzene	13.21	119	1063151	20.935	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	1346658	22.259	ug/l	100
85) sec-Butylbenzene	13.38	105	1582069	21.104	ug/l	99
86) p-Isopropyltoluene	13.50	119	1435532	21.567	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	709015	21.775	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	695873	21.535	ug/l	99
89) n-Butylbenzene	13.83	91	1414839	21.199	ug/l	99
90) Hexachloroethane	14.10	117	248244	20.108	ug/l	94
91) 1,2-Dichlorobenzene	13.87	146	631859	21.921	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	52620	18.364	ug/l	99

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ClientSampleId :
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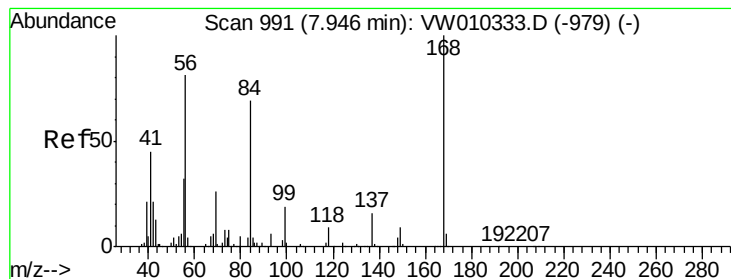
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	442382	22.488	ug/l	99
94) Hexachlorobutadiene	15.24	225	260630	20.666	ug/l	99
95) Naphthalene	15.37	128	812200	20.368	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	390098	21.951	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: VW010355.D

Acq: 10 May 2019 14:43

Instrument :

MSVOA_W

ClientSampleId :

VW0510SBSD01

Tot Ion:168 Resp: 1330165

Ion Ratio Lower Upper

168 100

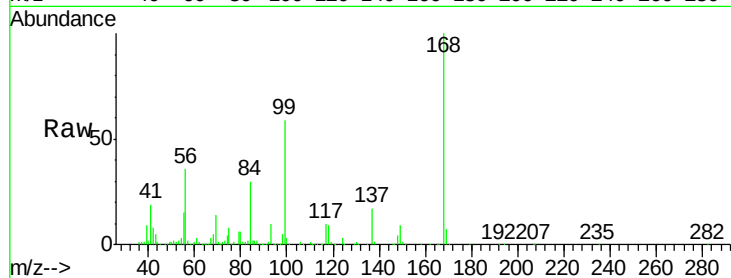
99 59.2 48.4 72.6

Manual Integrations

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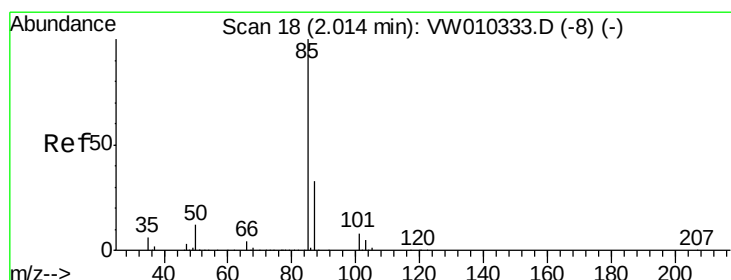
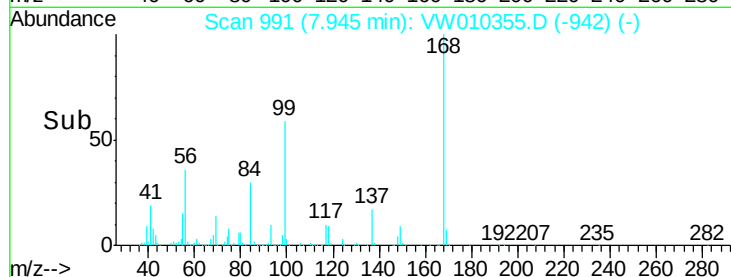
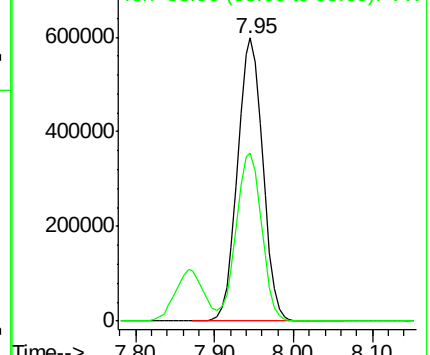
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 18.809 ug/l

RT: 2.02 min Scan# 19

Delta R.T. 0.01 min

Lab File: VW010355.D

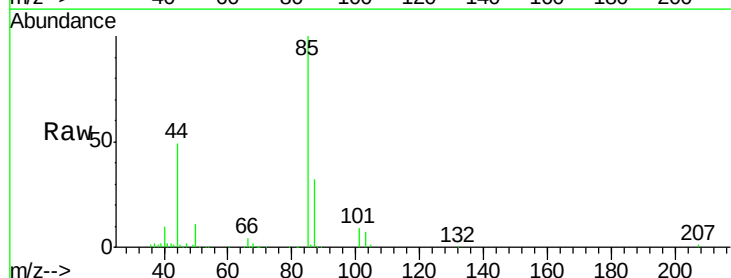
Acq: 10 May 2019 14:43

Tgt Ion: 85 Resp: 189287

Ion Ratio Lower Upper

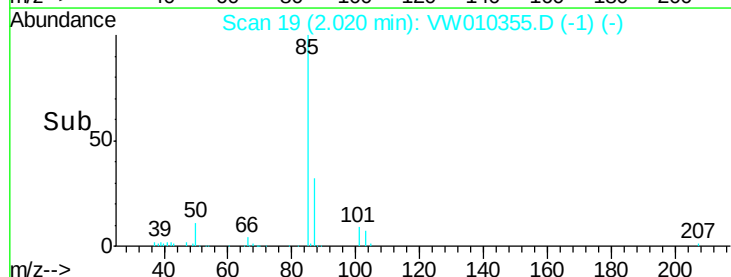
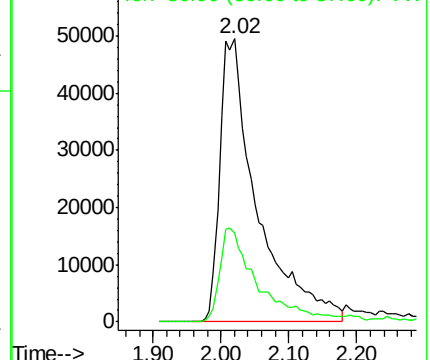
85 100

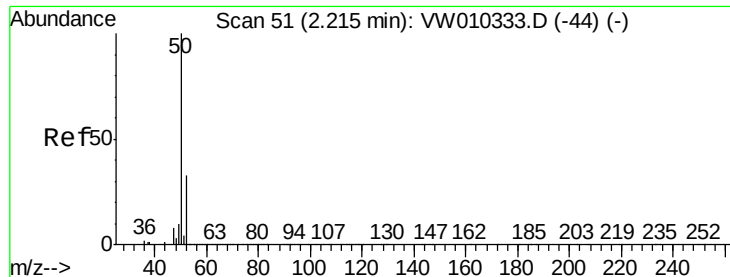
87 31.5 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 19.442 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW010355.D

Acq: 10 May 2019 14:43

Instrument :

MSVOA_W

ClientSampleId :

VW0510SBSD01

Tot Ion: 50 Resp: 264723

Ion Ratio Lower Upper

50 100

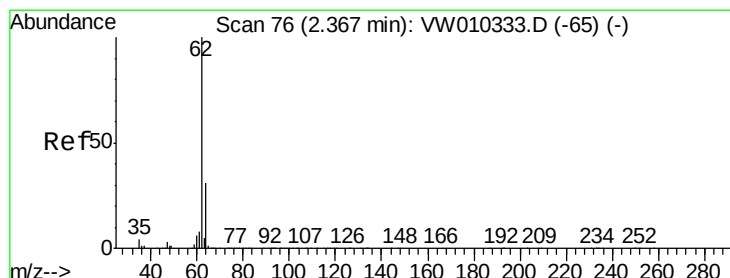
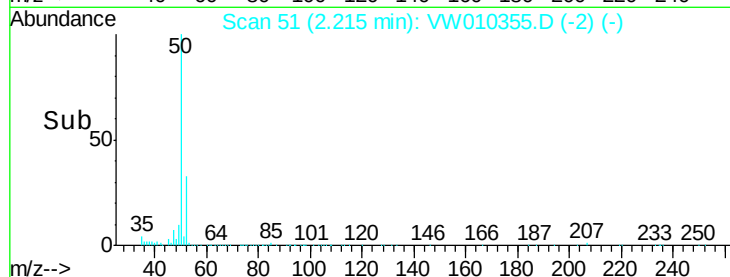
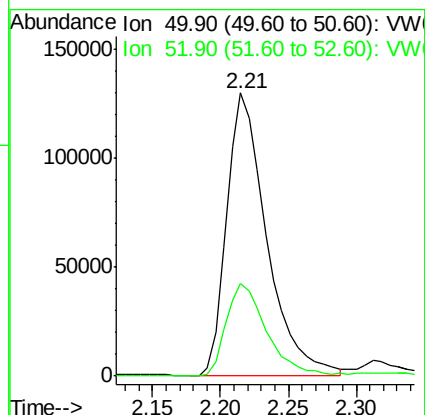
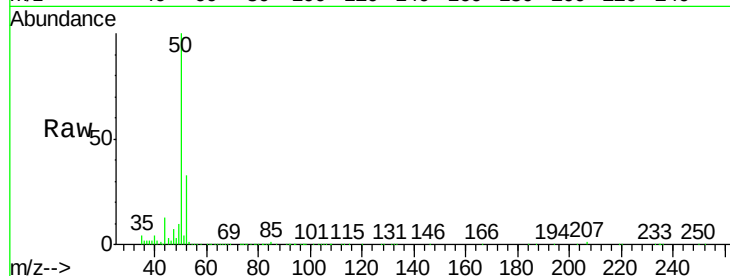
52 32.6 25.0 37.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.957 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW010355.D

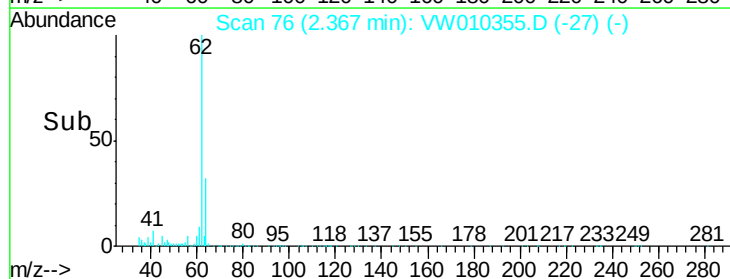
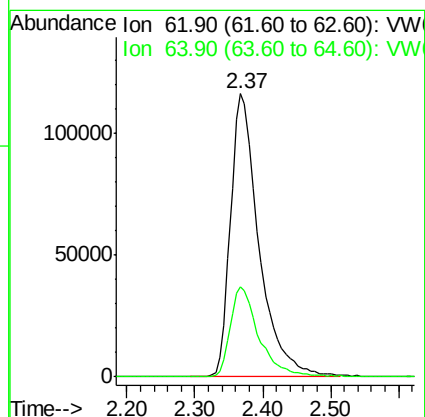
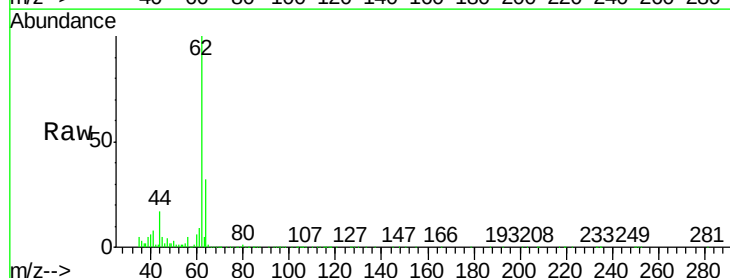
Acq: 10 May 2019 14:43

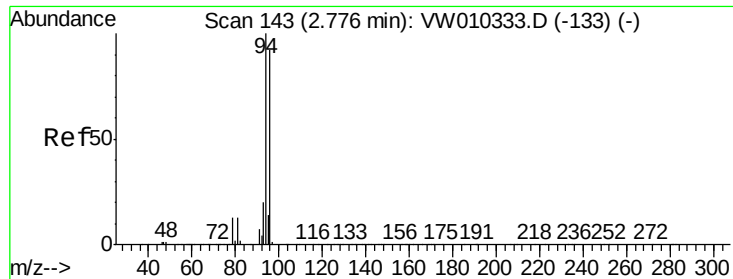
Tgt Ion: 62 Resp: 337710

Ion Ratio Lower Upper

62 100

64 31.5 25.9 38.9





#5

Bromomethane

Concen: 19.844 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW010355.D

Acq: 10 May 2019 14:43

Instrument :

MSVOA_W

ClientSampleId :

VW0510SBSD01

Tot Ion: 94 Resp: 193639

Ion Ratio Lower Upper

94 100

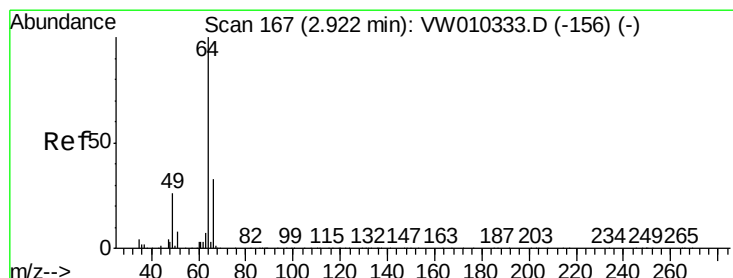
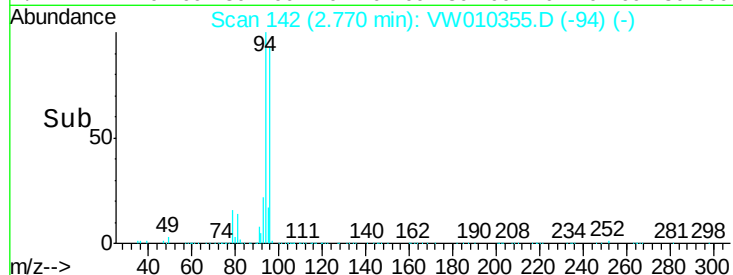
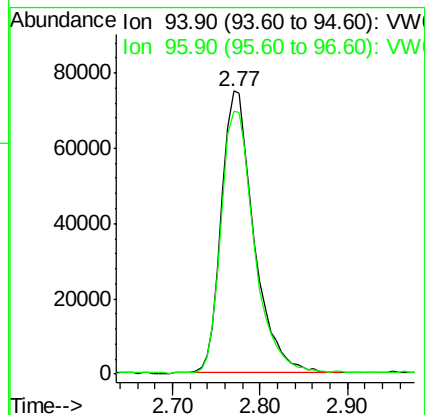
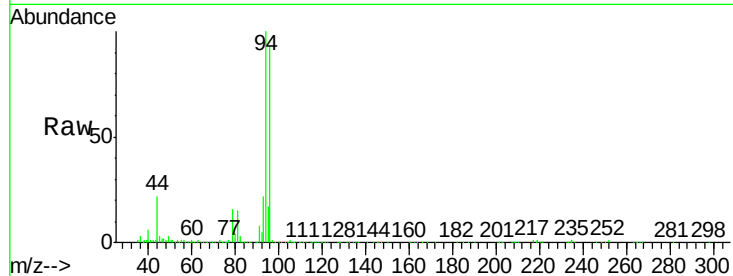
96 92.9 74.2 111.2

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#6

Chloroethane

Concen: 20.206 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.00 min

Lab File: VW010355.D

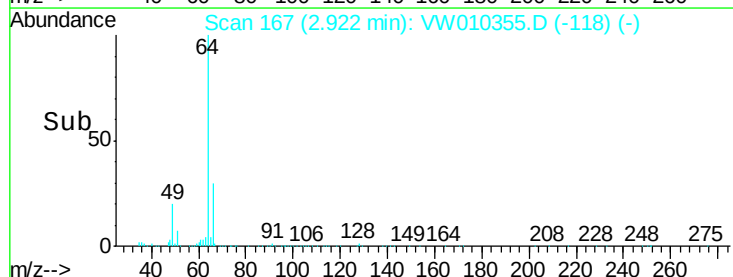
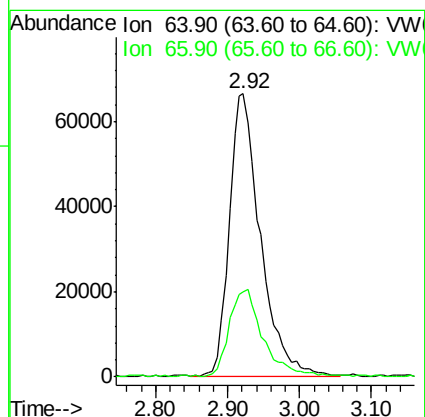
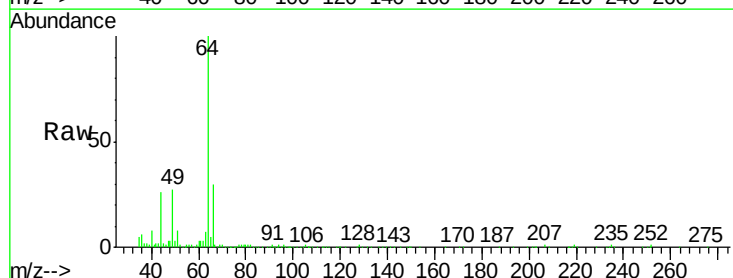
Acq: 10 May 2019 14:43

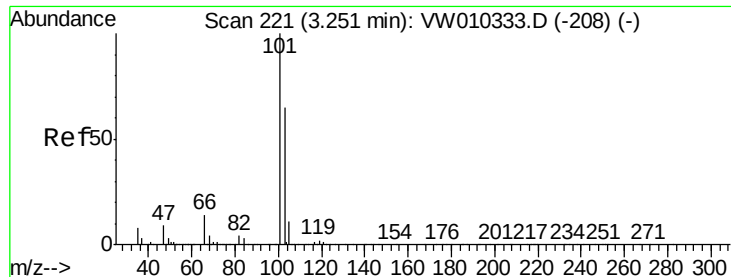
Tgt Ion: 64 Resp: 197735

Ion Ratio Lower Upper

64 100

66 29.7 23.4 35.0





#7

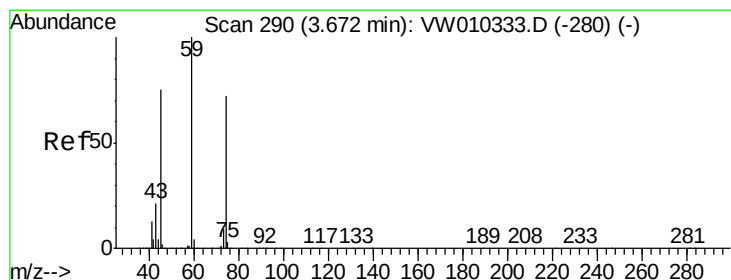
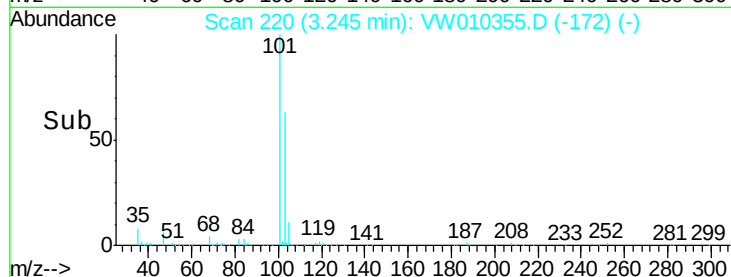
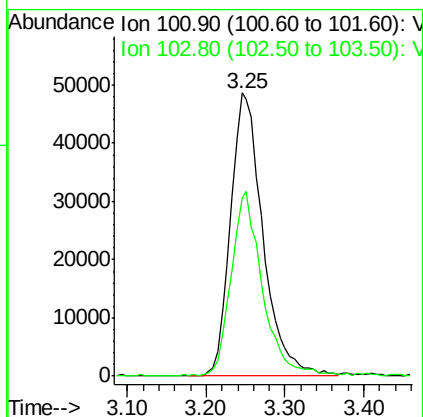
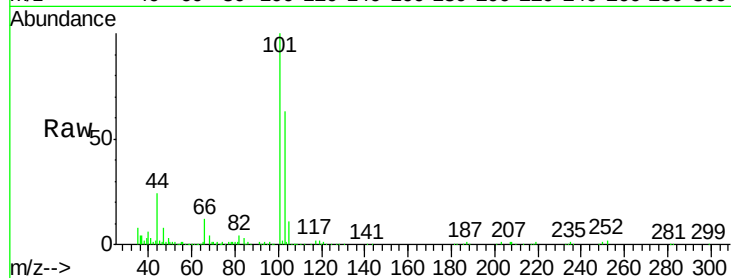
Trichlorofluoromethane
Concen: 16.450 ug/l
RT: 3.25 min Scan# 220
Delta R.T. -0.01 min
Lab File: VW010355.D
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VW0510SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	139353		
103	62.7	49.8	74.6	

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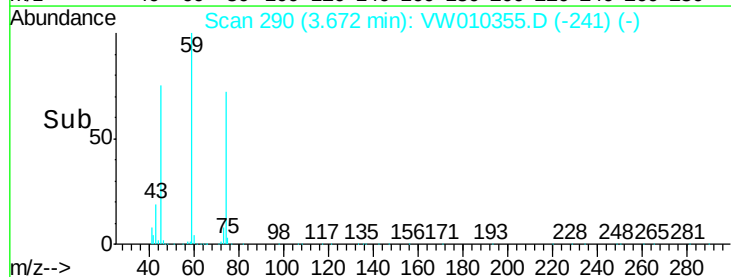
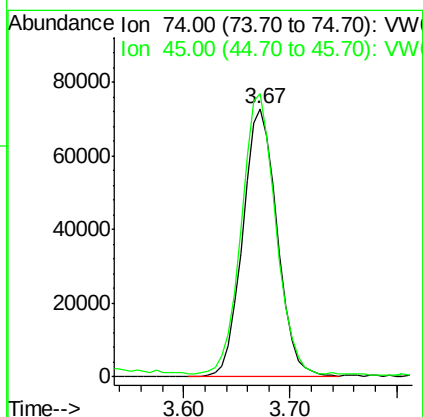
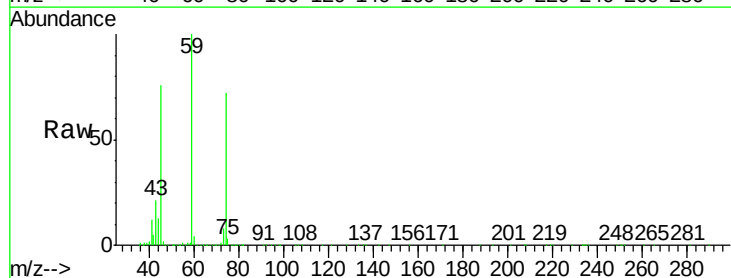
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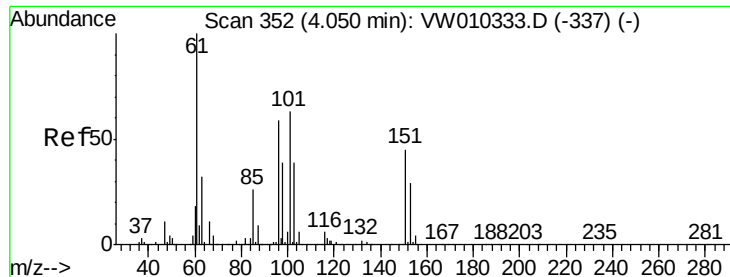


#8

Diethyl Ether
Concen: 22.121 ug/l
RT: 3.67 min Scan# 290
Delta R.T. -0.00 min
Lab File: VW010355.D
Acq: 10 May 2019 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	164743		
45	106.0	56.0	168.0	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.466 ug/l

RT: 4.04 min Scan# 351

Delta R.T. -0.01 min

Lab File: VW010355.D

Acq: 10 May 2019 14:43

Instrument :

MSVOA_W

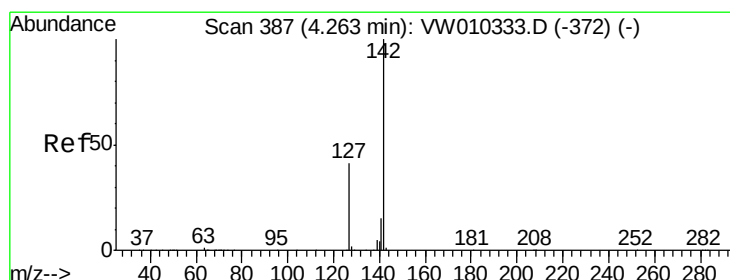
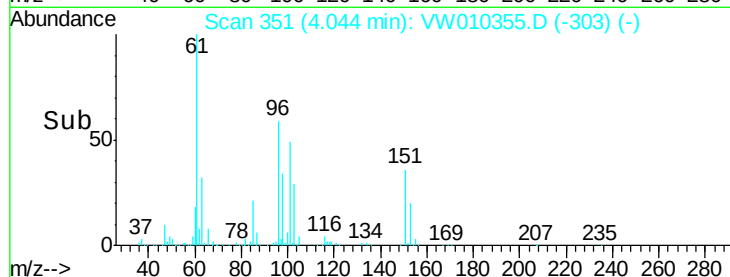
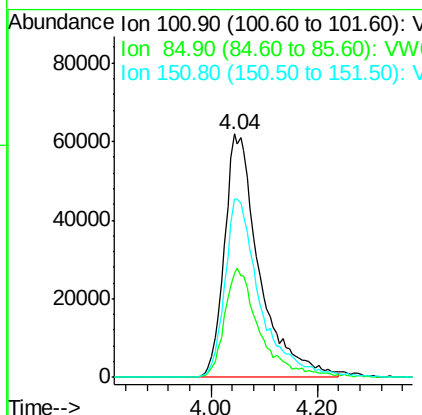
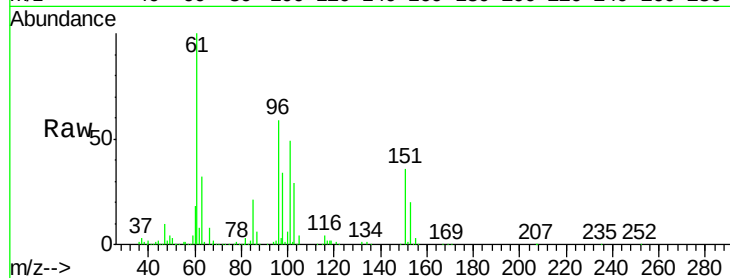
ClientSampleId :

VW0510SBSD01

Tot Ion:	101	Resp:	284091
Ion Ratio	Lower	Upper	
101	100		
85	44.3	36.3	54.5
151	73.6	60.2	90.2

Manual Integrations
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#10

Methyl Iodide

Concen: 20.958 ug/l

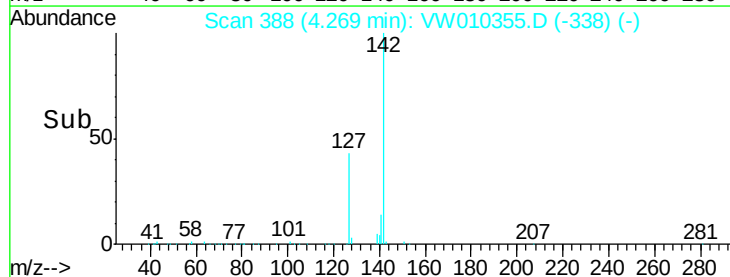
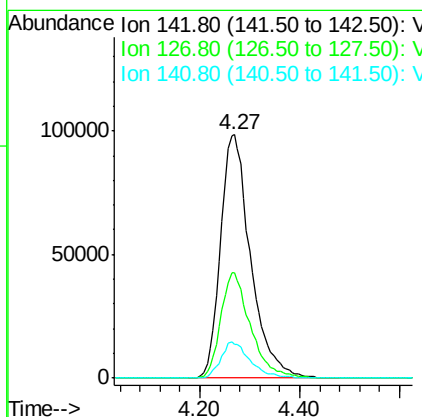
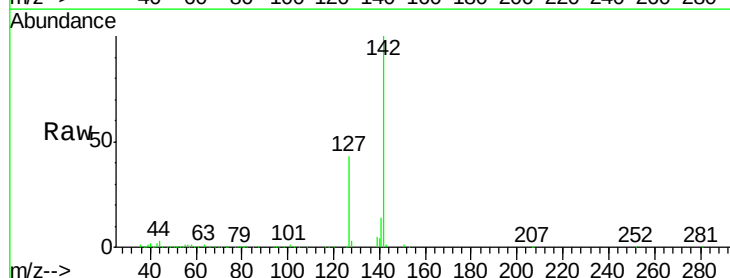
RT: 4.27 min Scan# 388

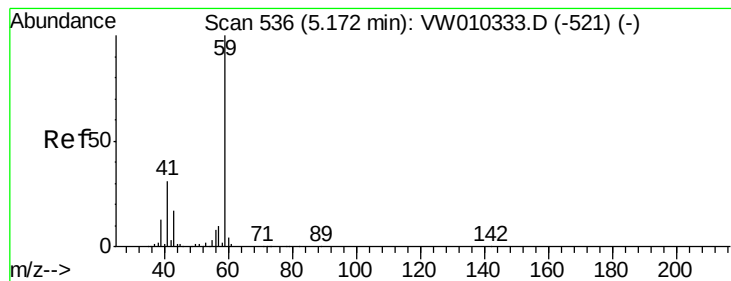
Delta R.T. 0.01 min

Lab File: VW010355.D

Acq: 10 May 2019 14:43

Tgt Ion:	142	Resp:	411965
Ion Ratio	Lower	Upper	
142	100		
127	42.8	38.1	57.1
141	14.6	12.2	18.2





#11

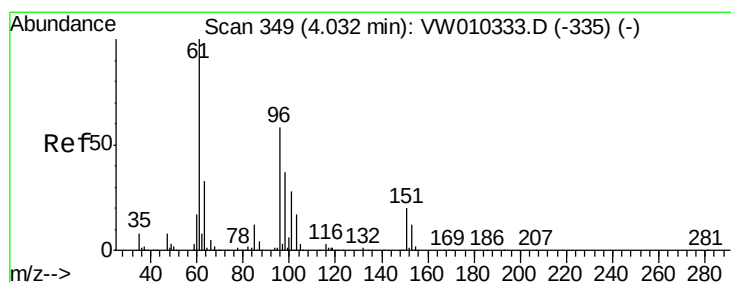
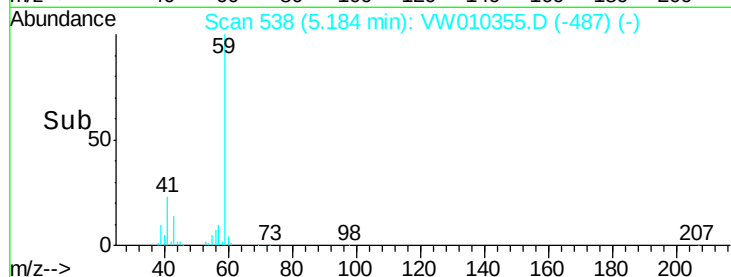
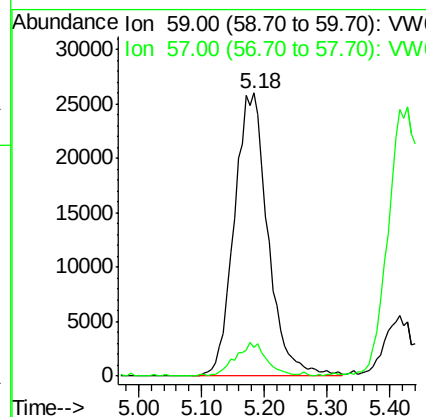
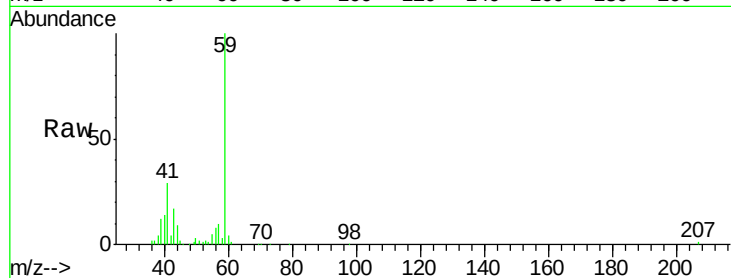
Tert butyl alcohol
Concen: 96.774 ug/l
RT: 5.18 min Scan# 538
Delta R.T. 0.01 min
Lab File: VW010355.D
Acq: 10 May 2019 14:43

Instrument :
MSVOA_W
ClientSampleId :
VW0510SBSD01

Tot Ion	59	Resp	96647
Ion Ratio	100	Lower	Upper
57	10.8	9.0	13.4

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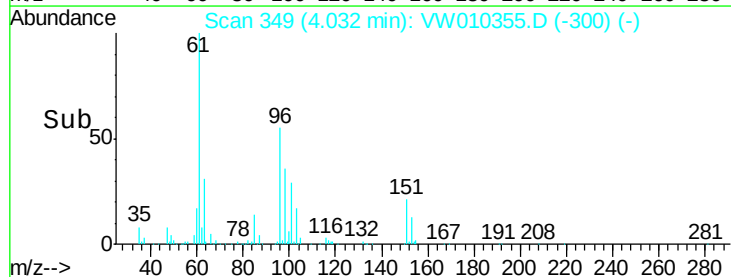
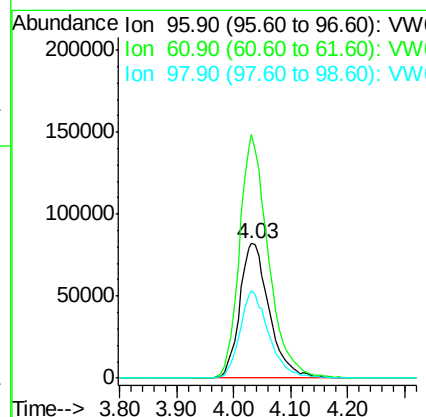
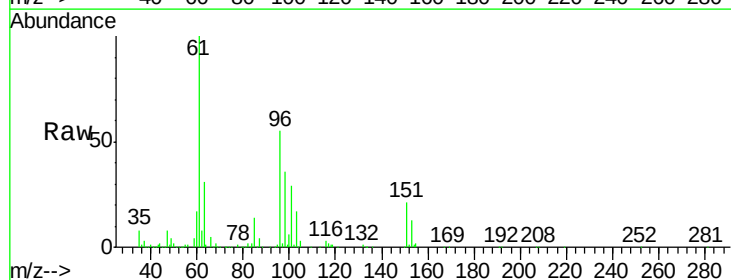
MMDadoda
5/11/2019 12:12:11 PM

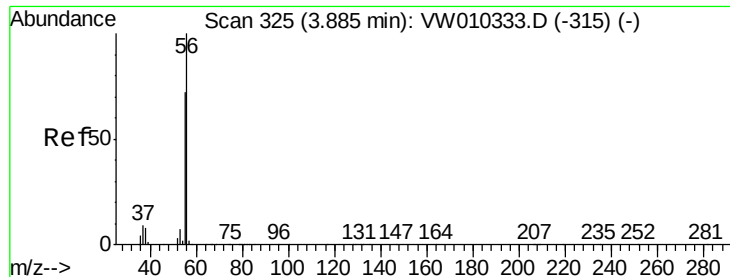


#12

1,1-Dichloroethene
Concen: 20.544 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.00 min
Lab File: VW010355.D
Acq: 10 May 2019 14:43

Tgt Ion	96	Resp	297986
Ion Ratio	100	Lower	Upper
61	180.7	147.4	221.2
98	64.8	49.7	74.5





#13

Acrolein

Concen: 81.589 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.00 min

Lab File: VW010355.D

Acq: 10 May 2019 14:43

Instrument :

MSVOA_W

ClientSampleId :

VW0510SBSD01

Tot Ion: 56 Resp: 107578

Ion Ratio Lower Upper

56 100

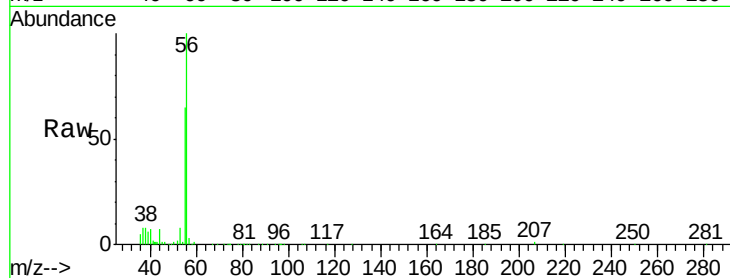
55 66.5 54.2 81.2

Manual Integrations

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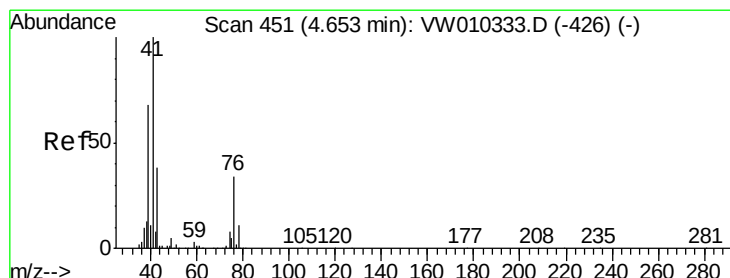
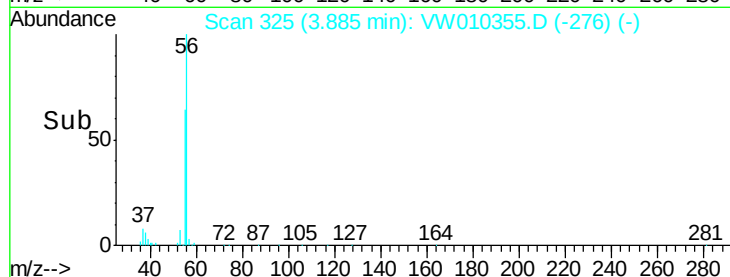
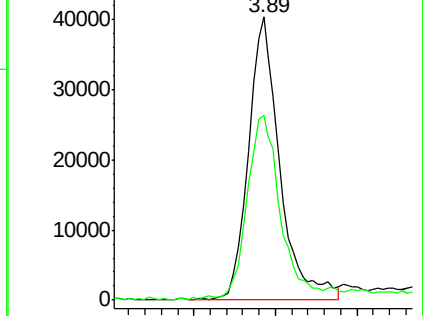
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Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 19.179 ug/l

RT: 4.65 min Scan# 451

Delta R.T. -0.00 min

Lab File: VW010355.D

Acq: 10 May 2019 14:43

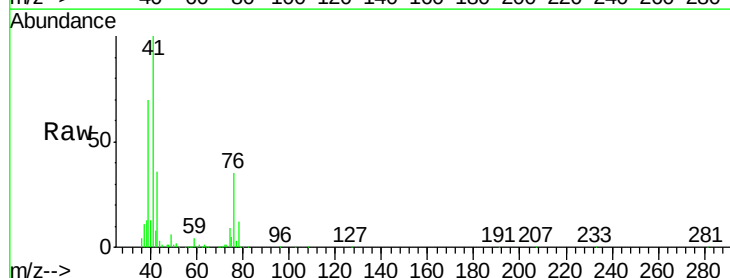
Tgt Ion: 41 Resp: 415244

Ion Ratio Lower Upper

41 100

39 68.6 60.2 90.4

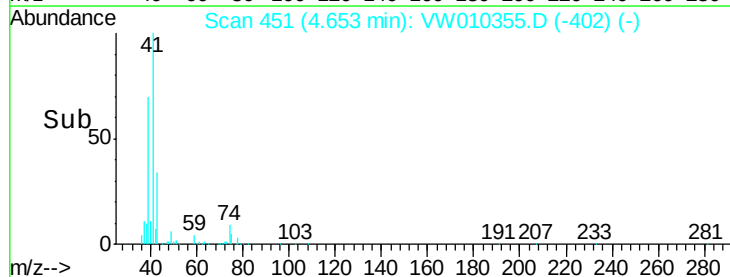
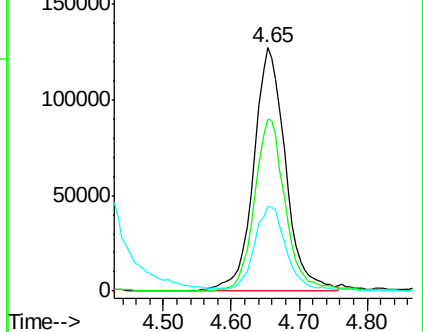
76 34.5 25.0 37.6

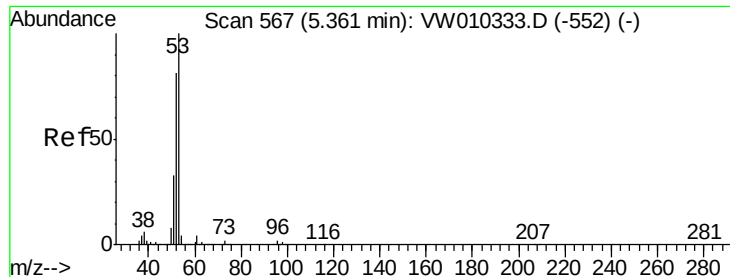


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 90.706 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.01 min

Lab File: VW010355.D

Acq: 10 May 2019 14:43

Instrument :

MSVOA_W

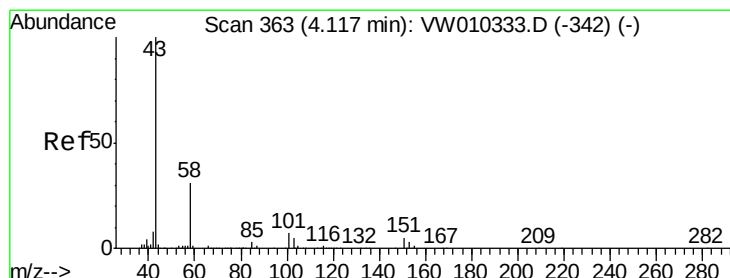
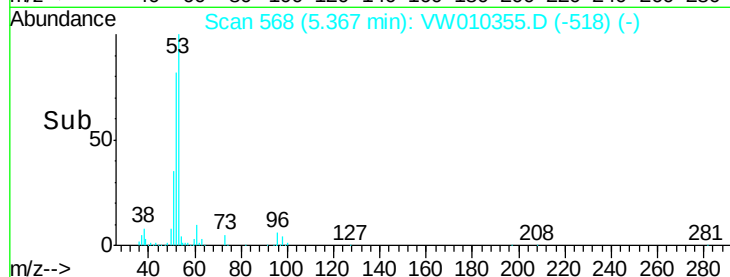
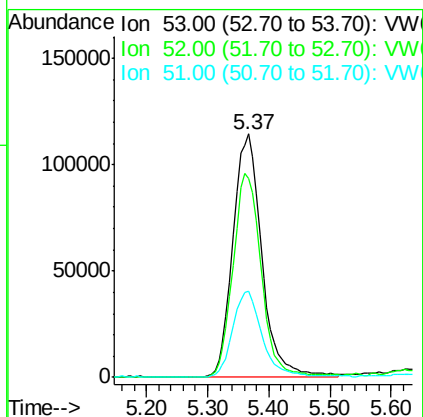
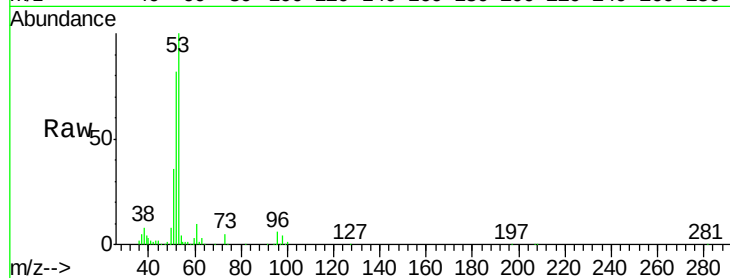
ClientSampleId :

VW0510SBSD01

Tot Ion:	53	Resp:	374409
Ion	Ratio	Lower	Upper
53	100		
52	81.1	66.6	100.0
51	35.8	30.3	45.5

Manual Integrations
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#16

Acetone

Concen: 91.502 ug/l

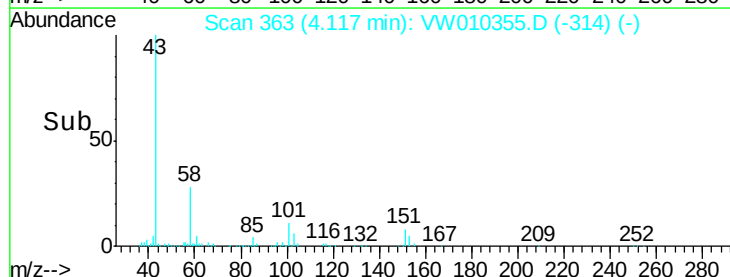
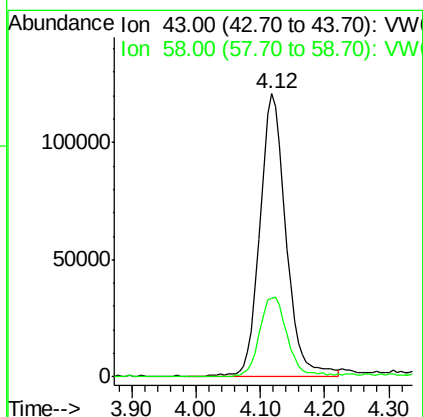
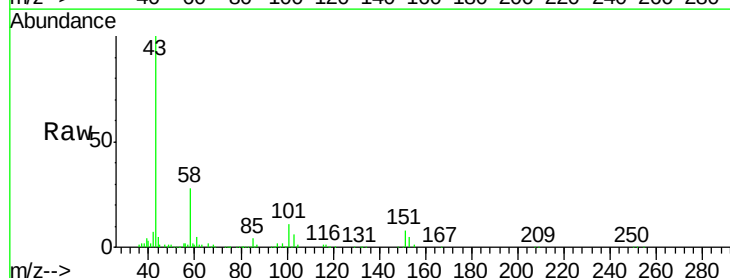
RT: 4.12 min Scan# 363

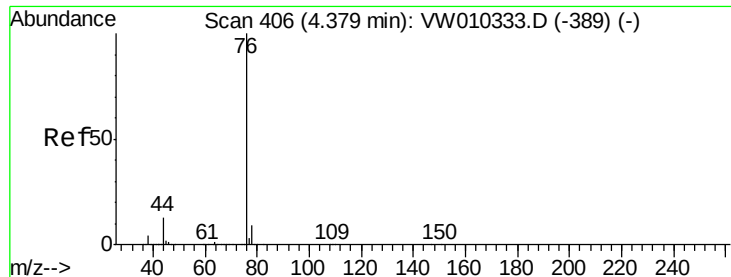
Delta R.T. -0.00 min

Lab File: VW010355.D

Acq: 10 May 2019 14:43

Tgt Ion:	43	Resp:	337330
Ion	Ratio	Lower	Upper
43	100		
58	27.5	22.7	34.1





#17

Carbon Disulfide

Concen: 19.717 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.00 min

Lab File: VW010355.D

Acq: 10 May 2019 14:43

Instrument :

MSVOA_W

ClientSampleId :

VW0510SBSD01

Tot Ion: 76 Resp: 864935

Ion Ratio Lower Upper

76 100

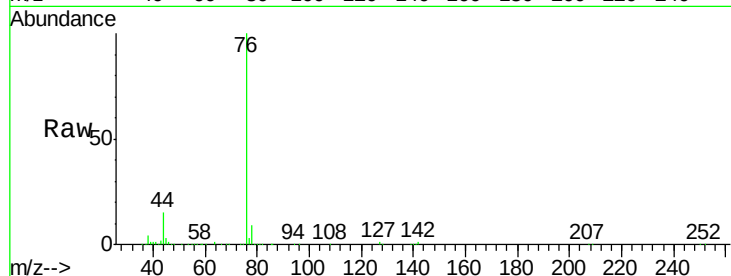
78 9.1 7.4 11.2

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.38

250000

200000

150000

100000

50000

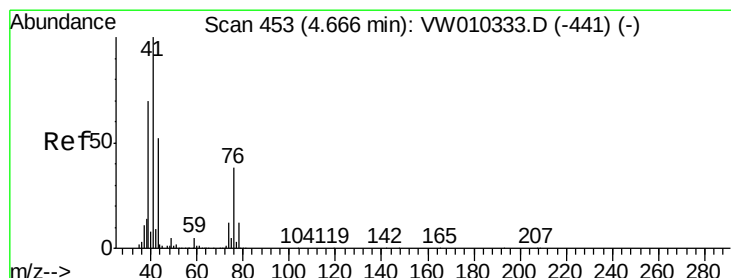
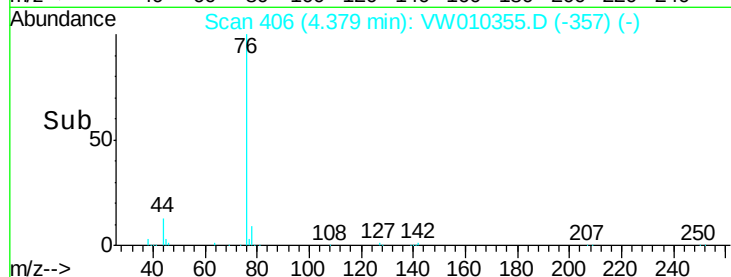
0

4.20

4.40

4.60

Time-->



#18

Methyl Acetate

Concen: 18.543 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW010355.D

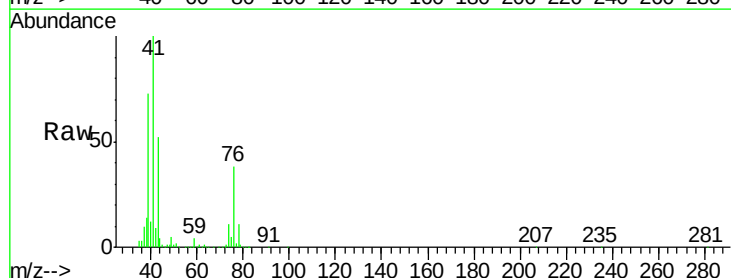
Acq: 10 May 2019 14:43

Tgt Ion: 43 Resp: 169321

Ion Ratio Lower Upper

43 100

74 23.3 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.67

60000

40000

20000

0

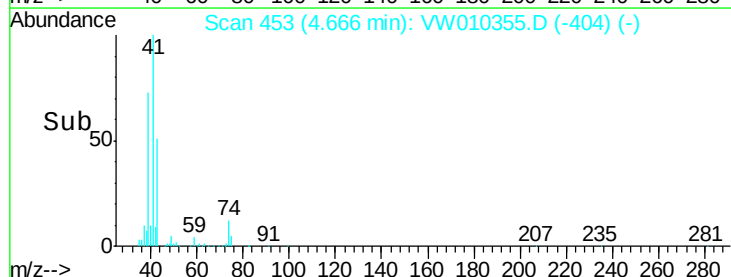
4.50

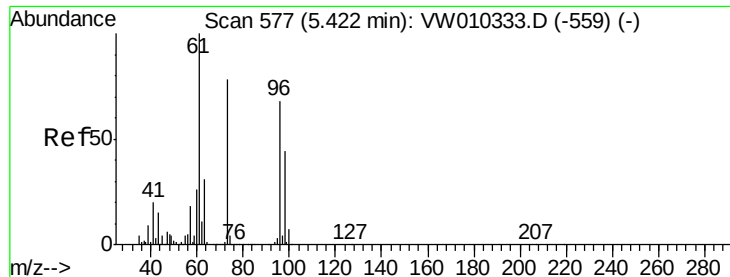
4.60

4.70

4.80

Time-->





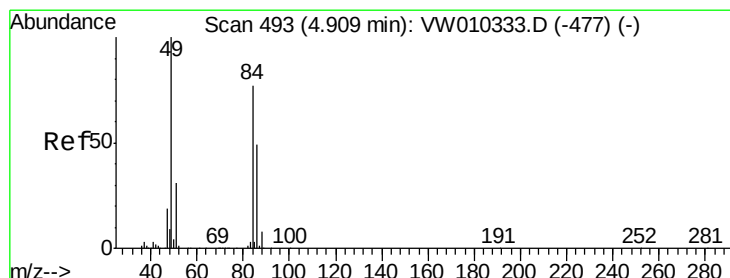
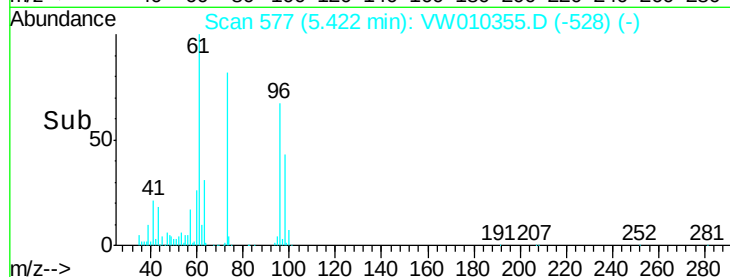
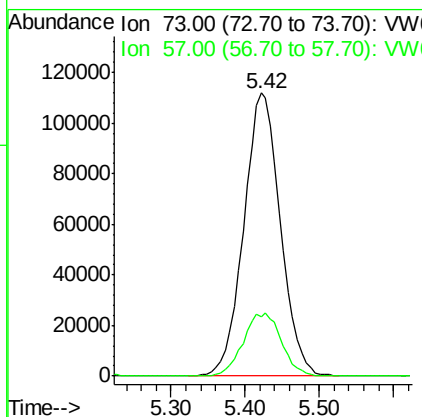
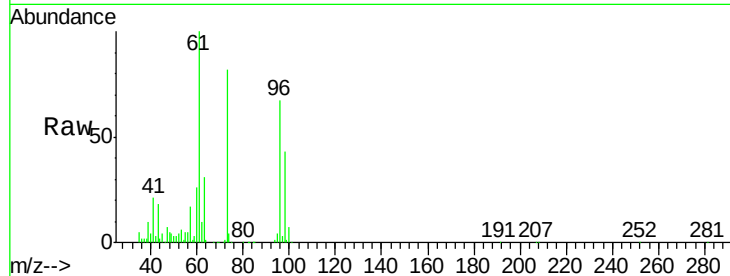
#19
Methyl tert-butyl Ether
Concen: 22.279 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW010355.D
Acq: 10 May 2019 14:43

Instrument :
MSVOA_W
ClientSampleId :
VW0510SBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.1	18.5	27.7

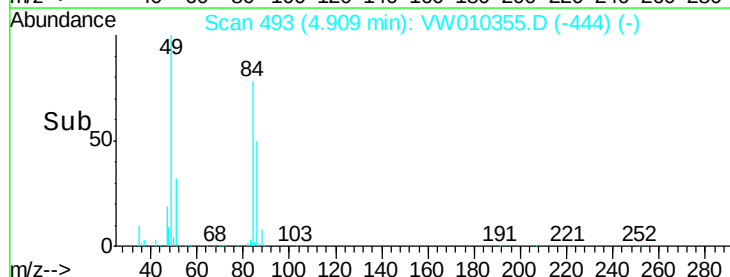
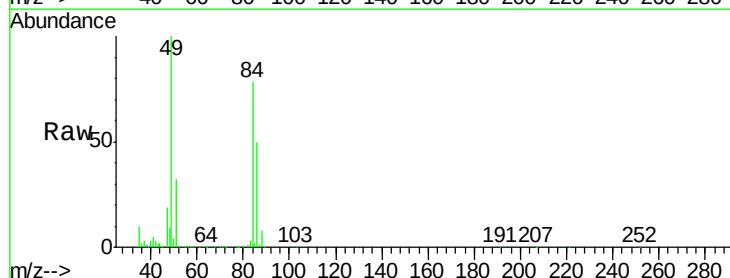
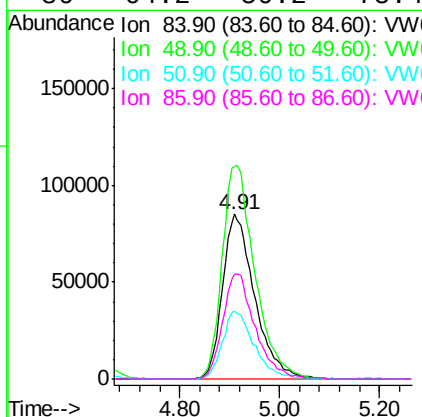
Manual Integrations
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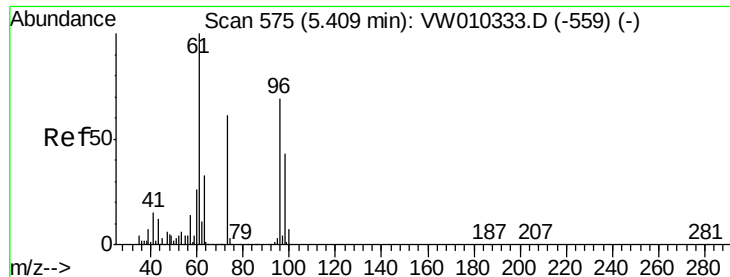
MMDadoda
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#20
Methylene Chloride
Concen: 24.712 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.00 min
Lab File: VW010355.D
Acq: 10 May 2019 14:43

Tgt Ion	Ratio	Lower	Upper
84	100		
49	128.8	112.3	168.5
51	41.4	33.9	50.9
86	64.2	50.2	75.4





#21

trans-1,2-Dichloroethene

Concen: 20.921 ug/l

RT: 5.41 min Scan# 575

Delta R.T. -0.00 min

Lab File: VW010355.D

Acq: 10 May 2019 14:43

Instrument :

MSVOA_W

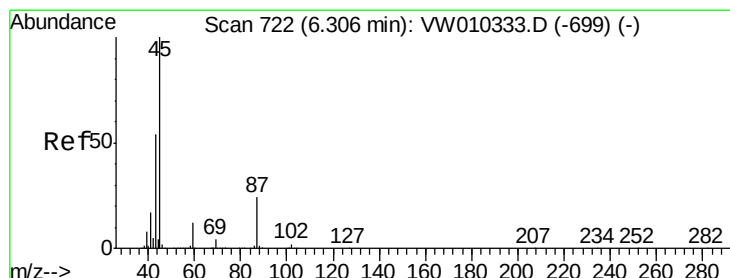
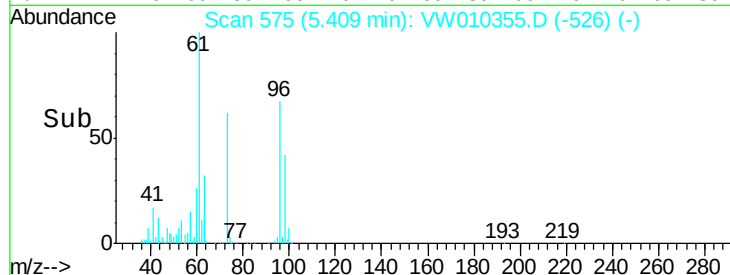
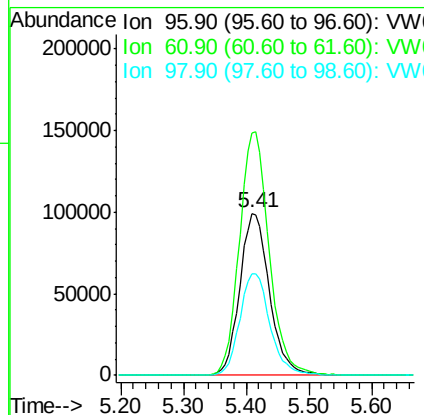
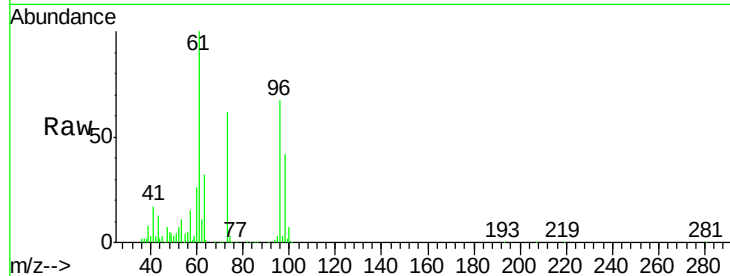
ClientSampleId :

VW0510SBSD01

Tot Ion:	96	Resp:	326641
Ion Ratio	Lower	Upper	
96	100		
61	149.2	122.3	183.5
98	63.0	50.5	75.7

Manual Integrations
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#22

Diisopropyl ether

Concen: 23.994 ug/l

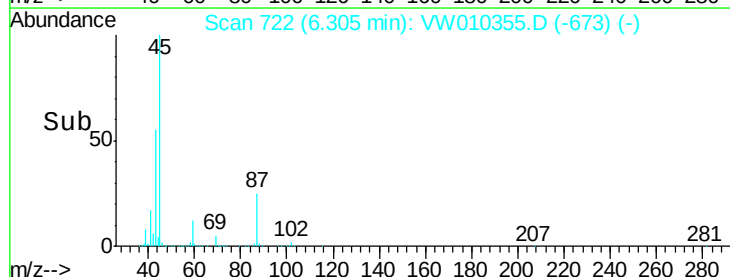
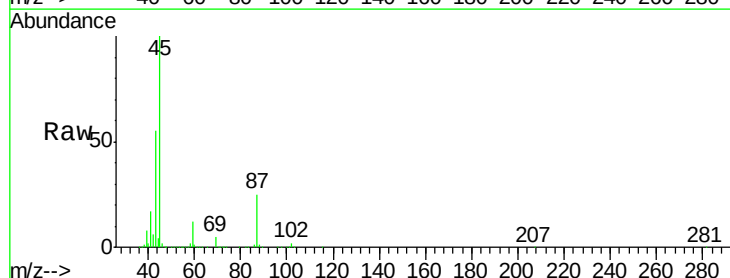
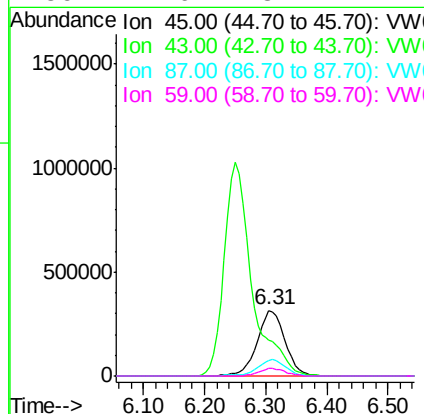
RT: 6.31 min Scan# 722

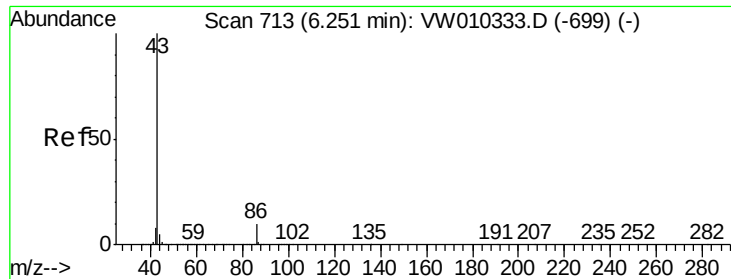
Delta R.T. -0.00 min

Lab File: VW010355.D

Acq: 10 May 2019 14:43

Tgt Ion:	45	Resp:	1008220
Ion Ratio	Lower	Upper	
45	100		
43	54.9	46.1	69.1
87	24.4	18.3	27.5
59	11.6	8.2	12.4





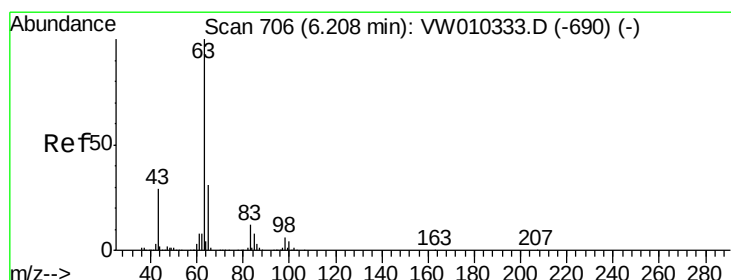
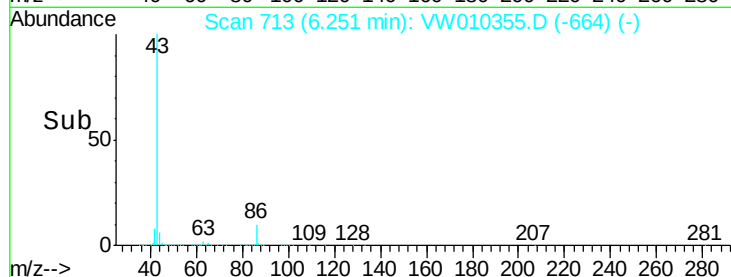
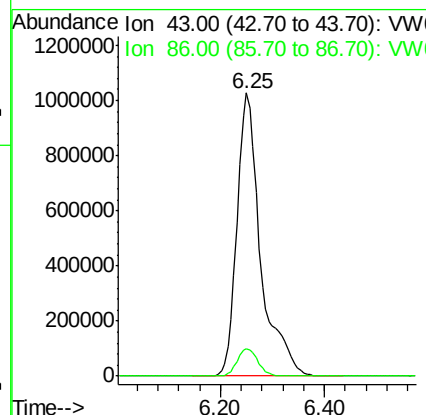
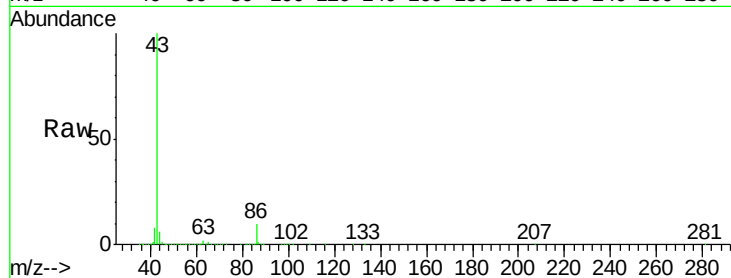
#23
 Vinyl Acetate
 Concen: 112.158 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VW010355.D
 Acq: 10 May 2019 14:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0510SBS01

Tot Ion: 43 Resp: 3236096
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.0 10.6

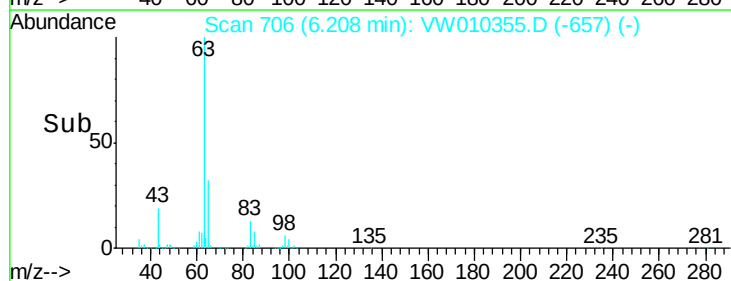
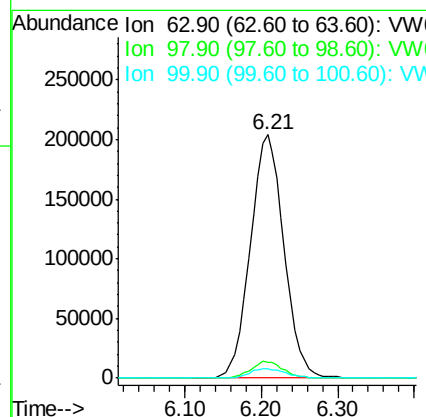
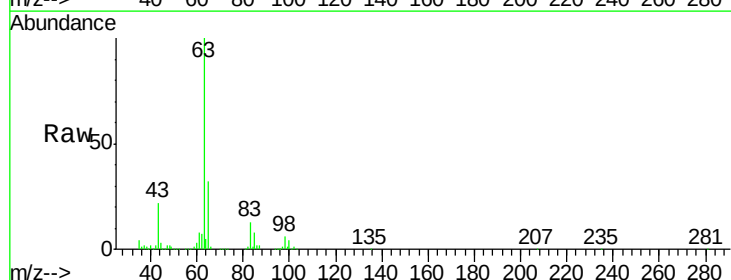
Manual Integrations
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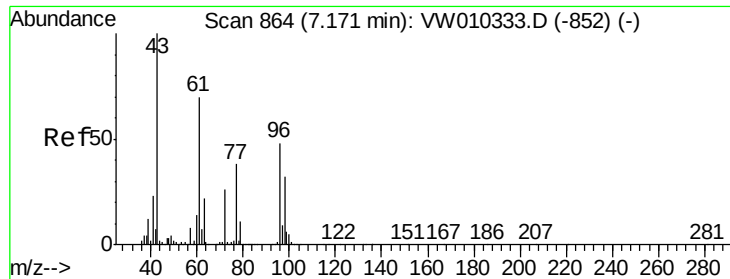
MMDadoda
 5/11/2019 12:12:11 PM



#24
 1,1-Dichloroethane
 Concen: 21.984 ug/l
 RT: 6.21 min Scan# 706
 Delta R.T. -0.00 min
 Lab File: VW010355.D
 Acq: 10 May 2019 14:43

Tgt Ion: 63 Resp: 621945
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.3 9.8
 100 4.0 2.0 6.0





#25

2-Butanone

Concen: 95.706 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW010355.D

Acq: 10 May 2019 14:43

Tot Ion: 43 Resp: 539757

Ion Ratio Lower Upper

43 100

72 25.0 19.1 28.7

Instrument :

MSVOA_W

ClientSampleId :

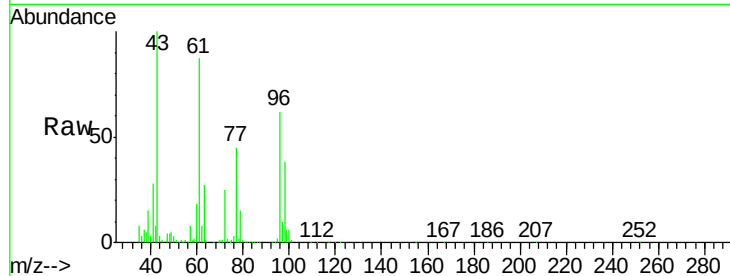
VW0510SBSD01

Manual Integrations

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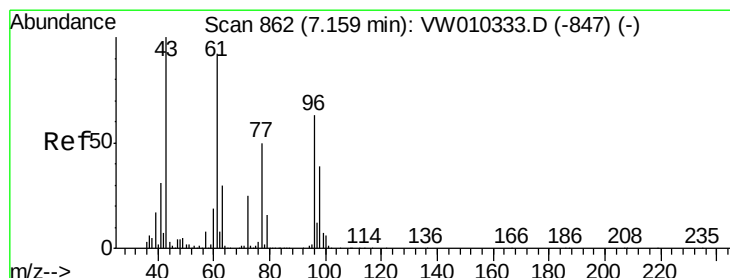
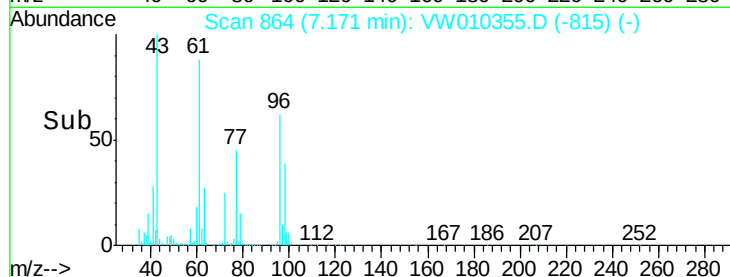
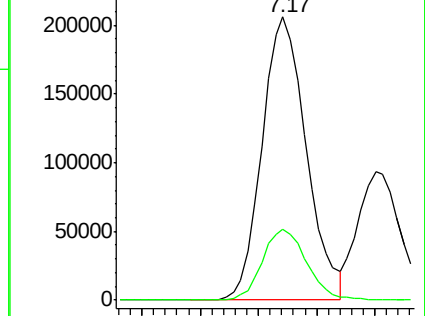
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 21.147 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.00 min

Lab File: VW010355.D

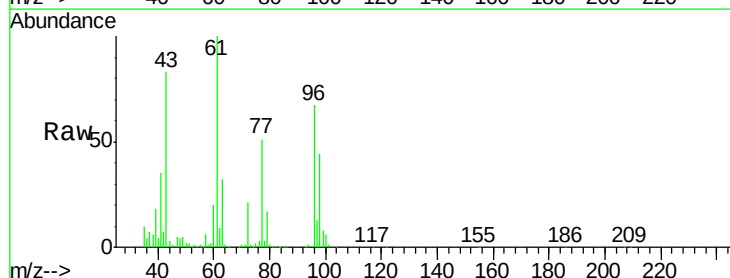
Acq: 10 May 2019 14:43

Tgt Ion: 77 Resp: 297661

Ion Ratio Lower Upper

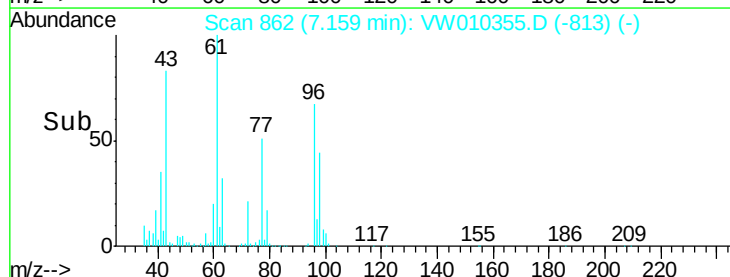
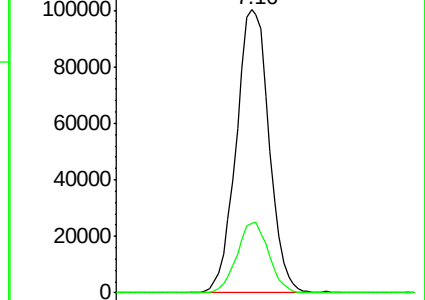
77 100

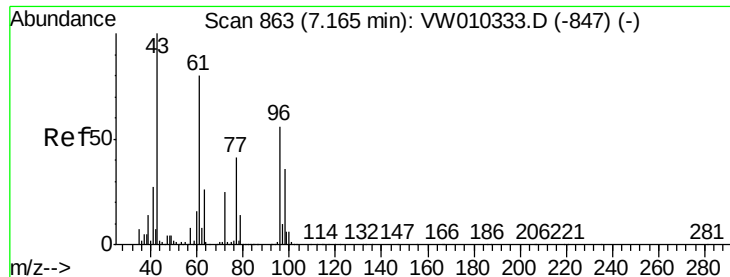
97 24.2 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW





#27

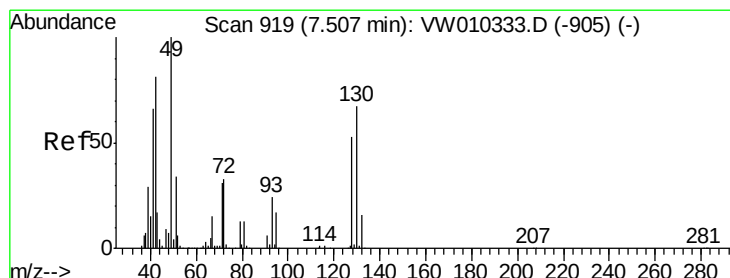
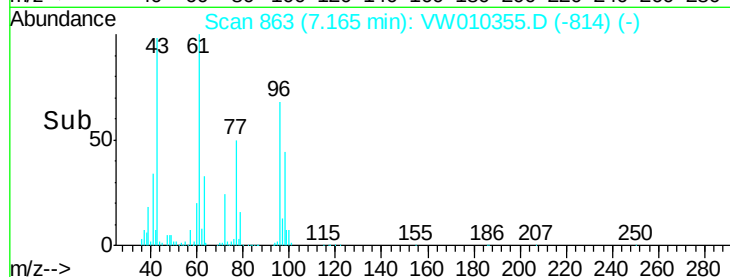
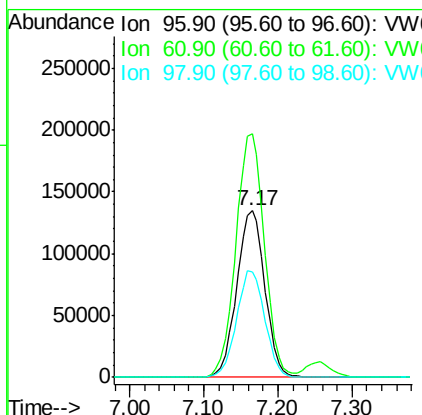
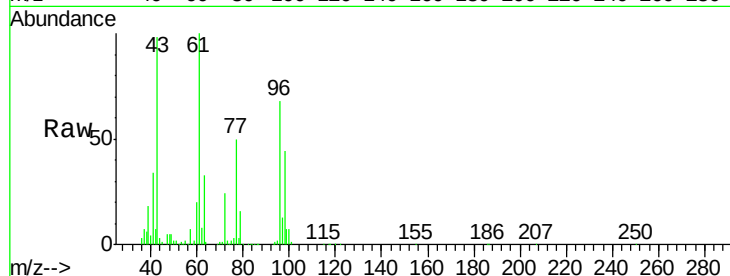
cis-1,2-Dichloroethene
Concen: 22.239 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW010355.D
Acq: 10 May 2019 14:43

Instrument :
MSVOA_W
ClientSampleId :
VW0510SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	357074		
61	147.6		0.0	309.4
98	64.4		0.0	128.6

Manual Integrations
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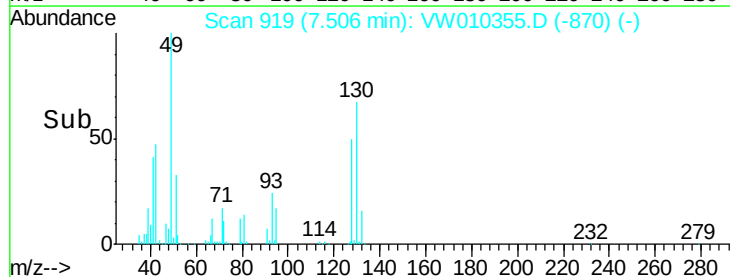
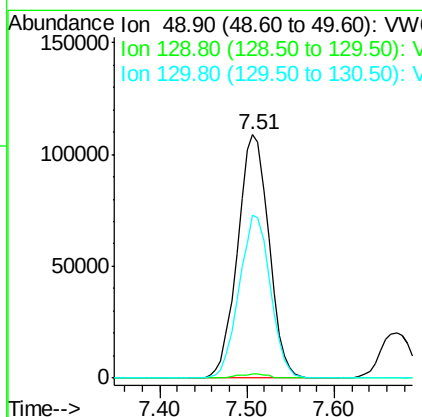
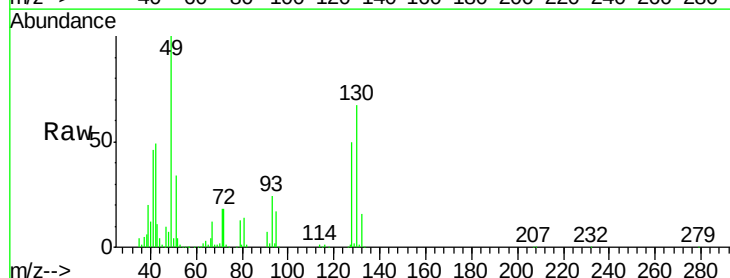
MMDadoda
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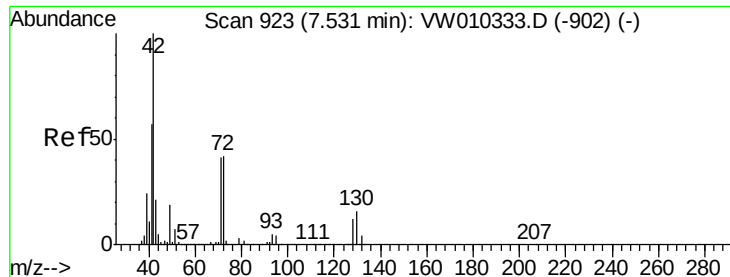


#28

Bromochloromethane
Concen: 26.025 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.00 min
Lab File: VW010355.D
Acq: 10 May 2019 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	271439		
129	1.6		0.0	3.8
130	66.6		54.6	82.0





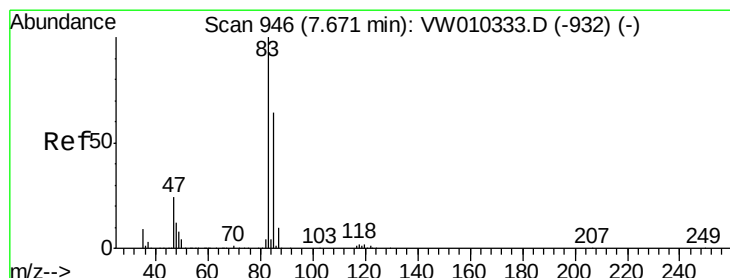
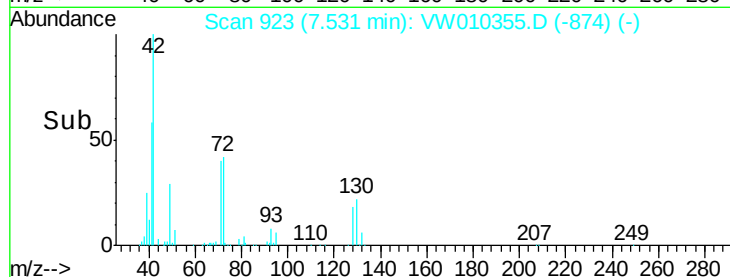
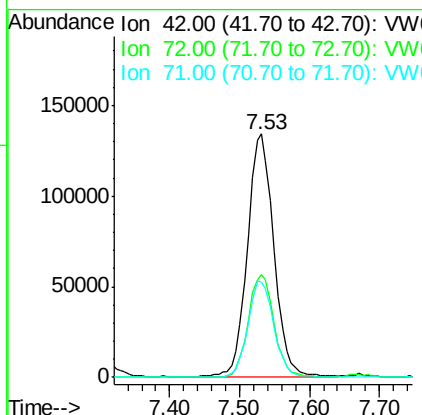
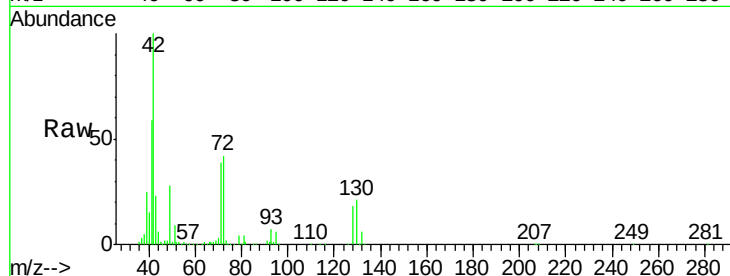
#29
Tetrahydrofuran
Concen: 96.292 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW010355.D
Acq: 10 May 2019 14:43

Instrument :
MSVOA_W
ClientSampleId :
VW0510SBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.7	31.0	46.6
71	39.1	29.7	44.5

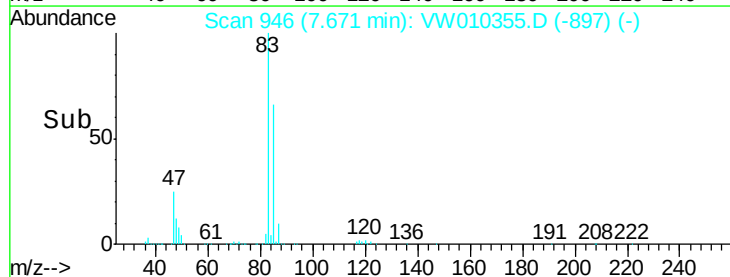
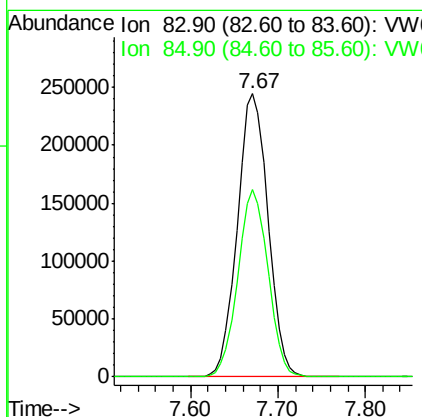
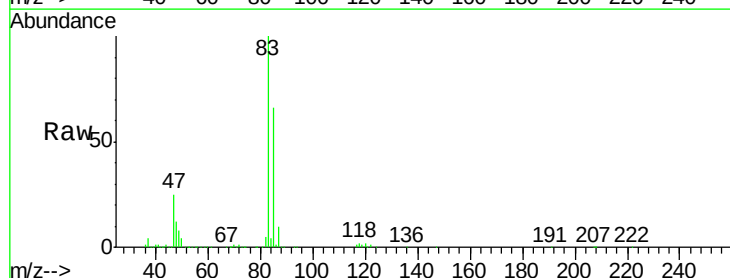
Manual Integrations
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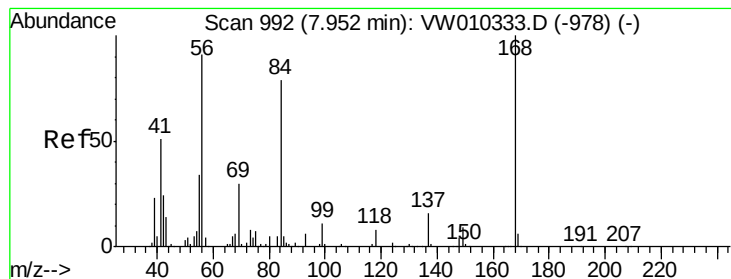
MMDadoda
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#30
Chloroform
Concen: 22.523 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW010355.D
Acq: 10 May 2019 14:43

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.4	50.7	76.1





#31

Cyclohexane

Concen: 20.255 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010355.D

Acq: 10 May 2019 14:43

Instrument :

MSVOA_W

ClientSampleId :

VW0510SBSD01

Tot Ion: 56 Resp: 586732

Ion Ratio Lower Upper

56 100

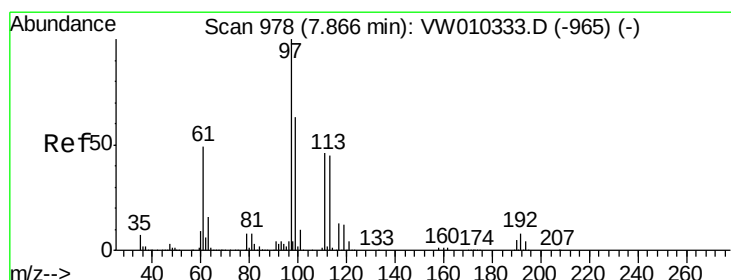
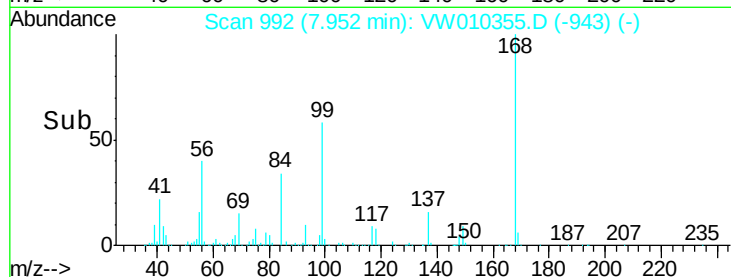
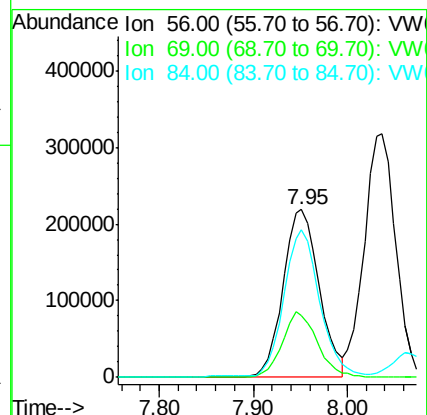
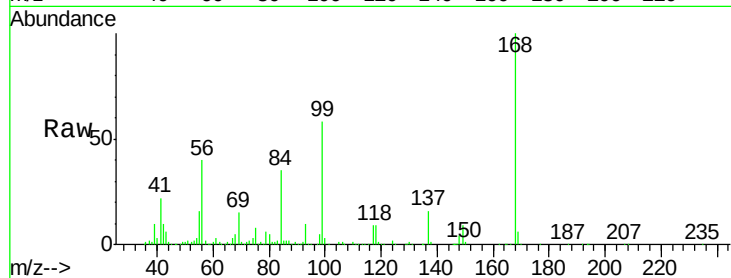
69 36.5 26.6 40.0

84 88.2 66.2 99.2

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 21.197 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.00 min

Lab File: VW010355.D

Acq: 10 May 2019 14:43

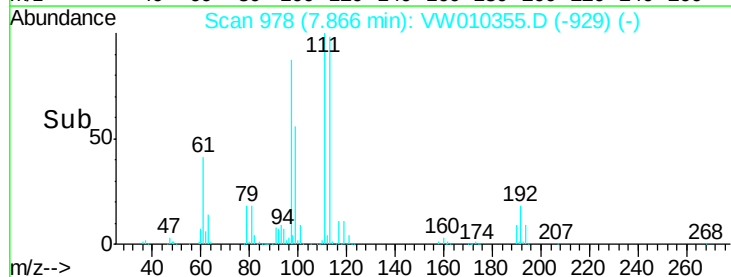
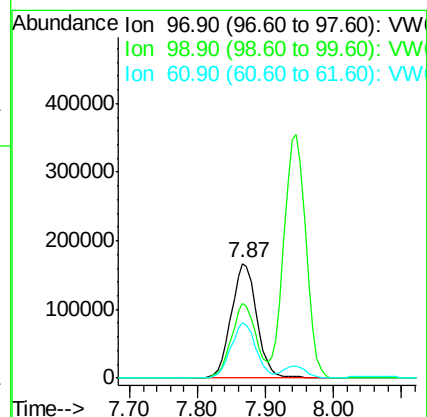
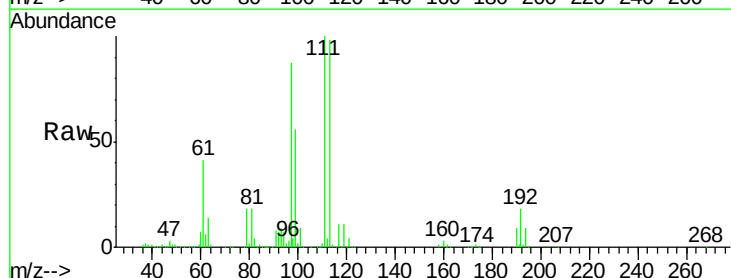
Tgt Ion: 97 Resp: 434706

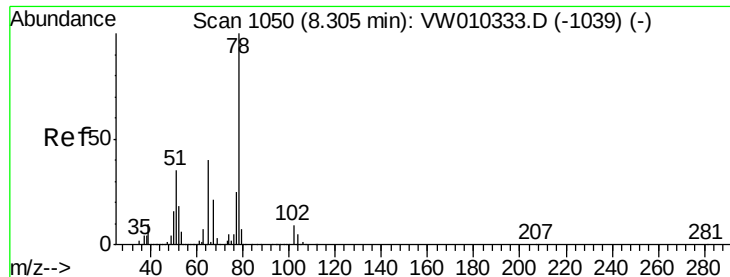
Ion Ratio Lower Upper

97 100

99 62.9 50.2 75.2

61 47.4 38.2 57.2





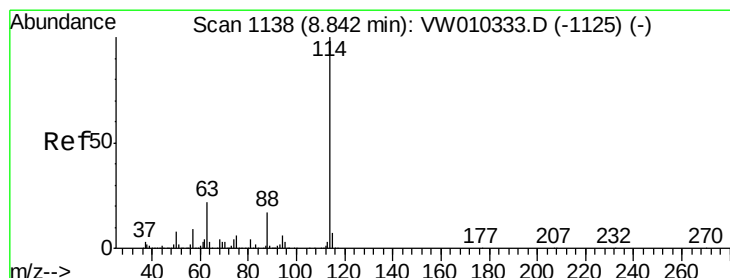
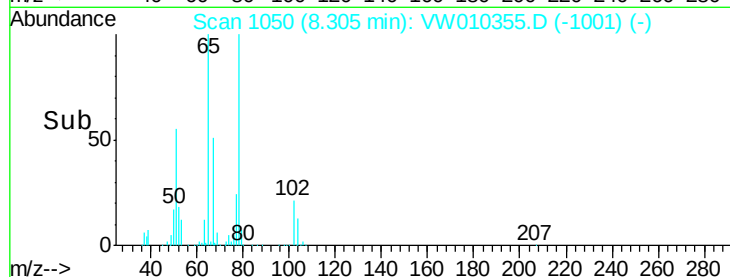
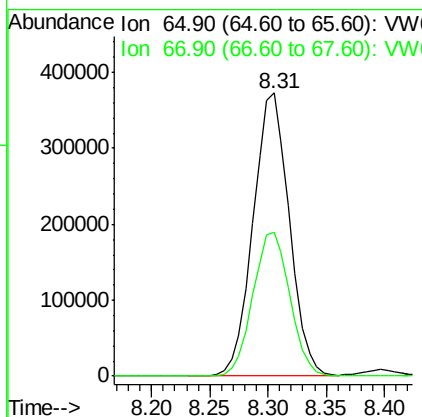
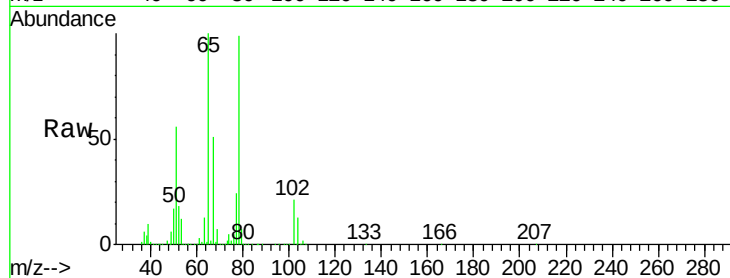
#33
 1,2-Dichloroethane-d4
 Concen: 57.210 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010355.D
 Acq: 10 May 2019 14:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0510SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.0	0.0	100.8	

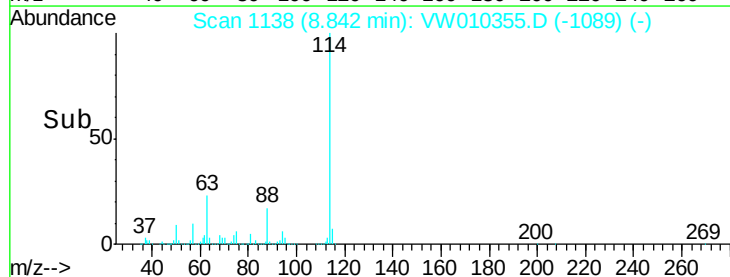
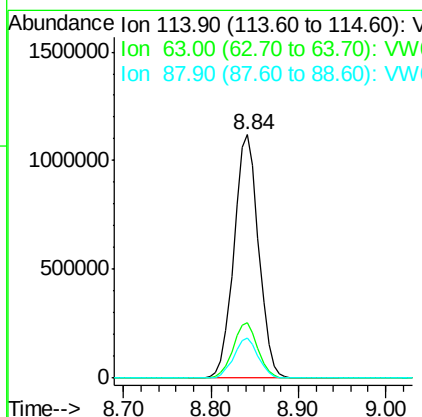
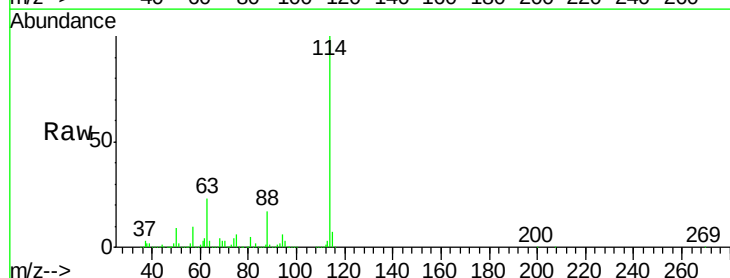
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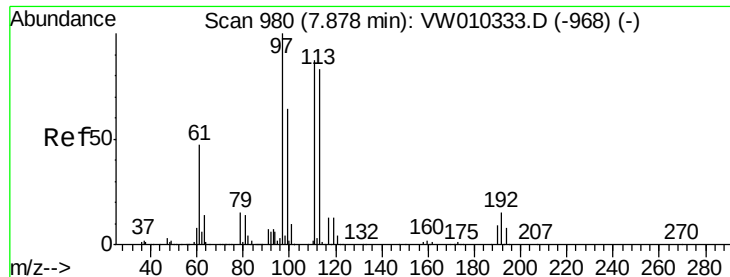
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010355.D
 Acq: 10 May 2019 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	22.5	0.0	46.2	
88	16.7	0.0	32.6	





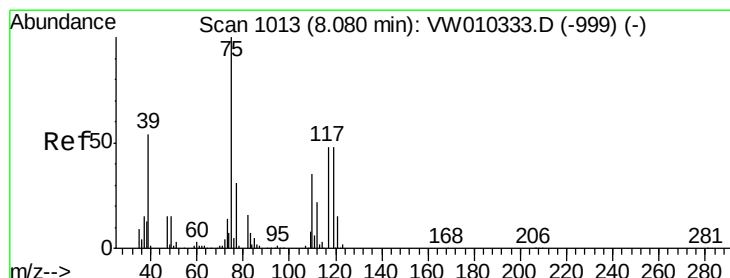
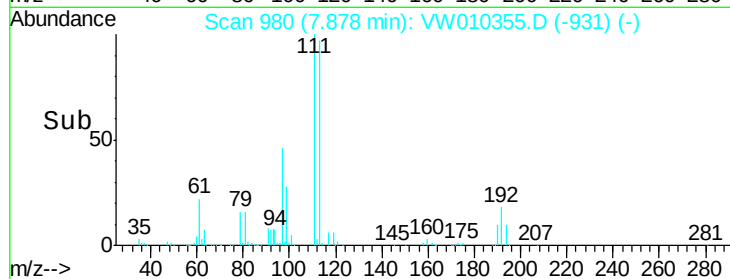
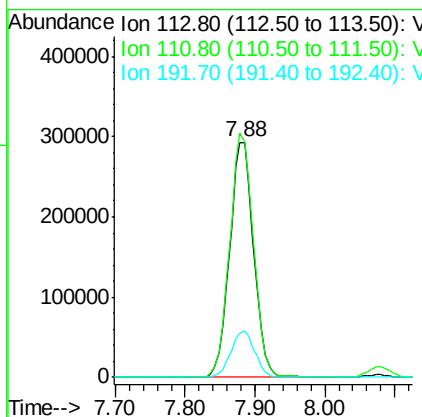
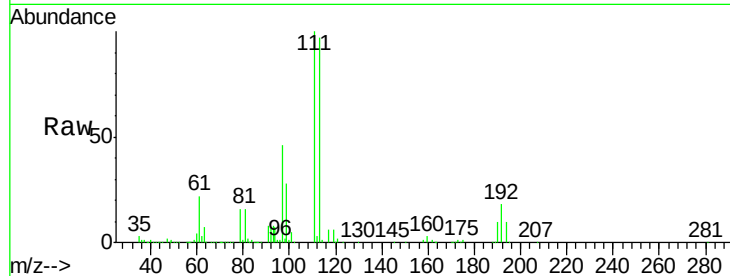
#35
 Dibromofluoromethane
 Concen: 54.393 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW010355.D
 Acq: 10 May 2019 14:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0510SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.7	82.6	123.8	
192	19.5	15.4	23.2	

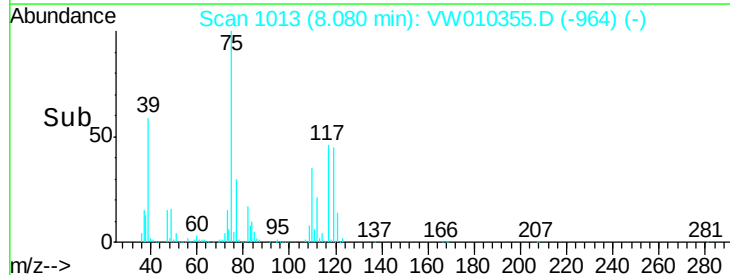
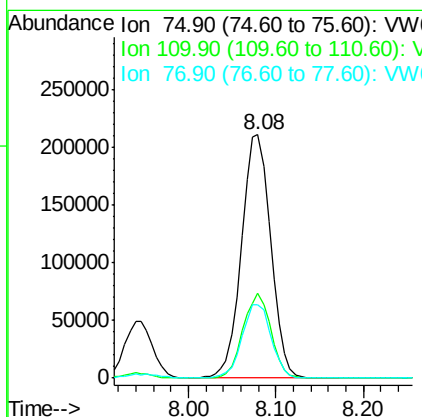
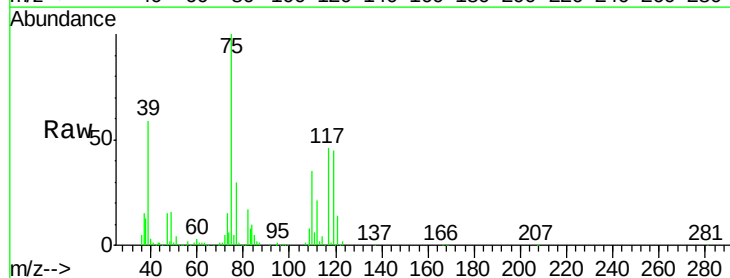
Manual Integrations
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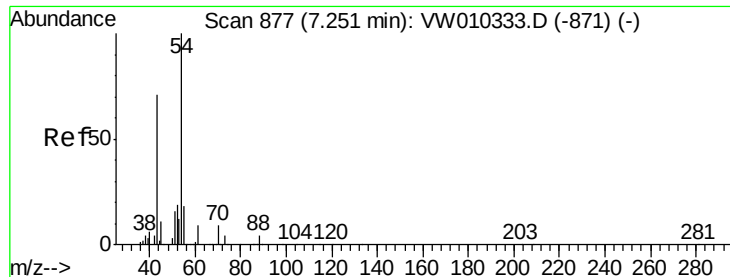
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#36
 1,1-Dichloropropene
 Concen: 20.608 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW010355.D
 Acq: 10 May 2019 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	33.2	16.6	49.8	
77	30.4	24.8	37.2	





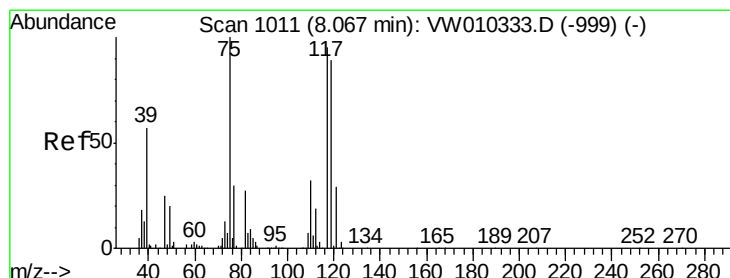
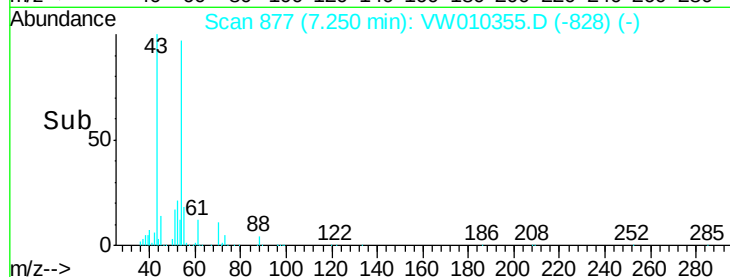
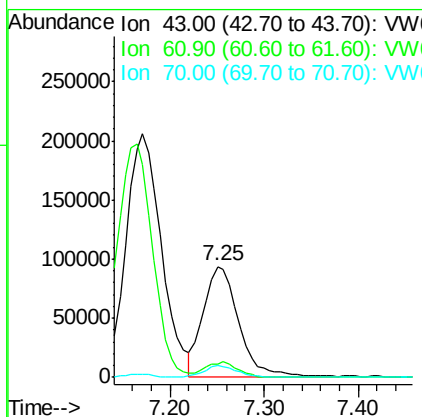
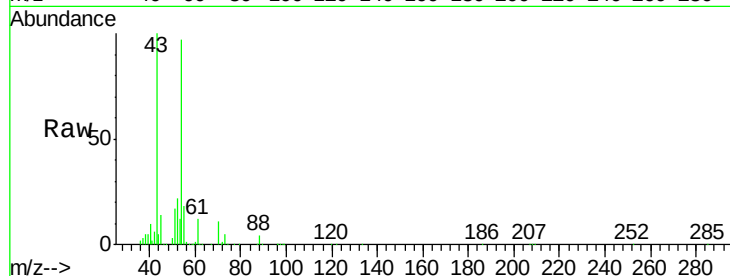
#37
Ethyl Acetate
Concen: 19.155 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW010355.D
Acq: 10 May 2019 14:43

Instrument :
MSVOA_W
ClientSampled :
VW0510SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.8	9.8	14.8
70	10.0	7.4	11.0

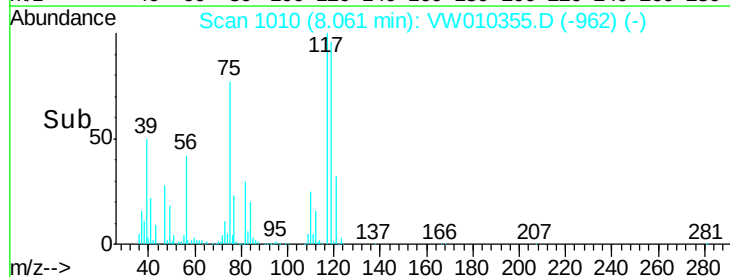
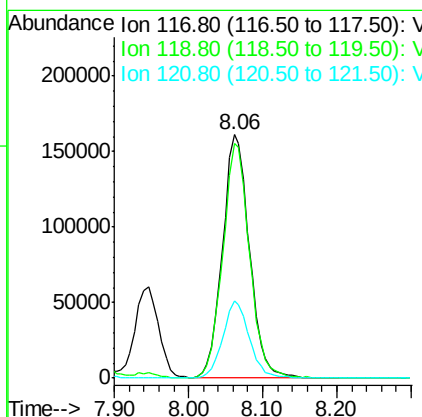
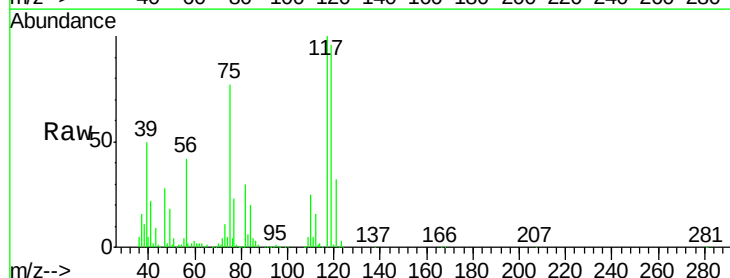
Manual Integrations
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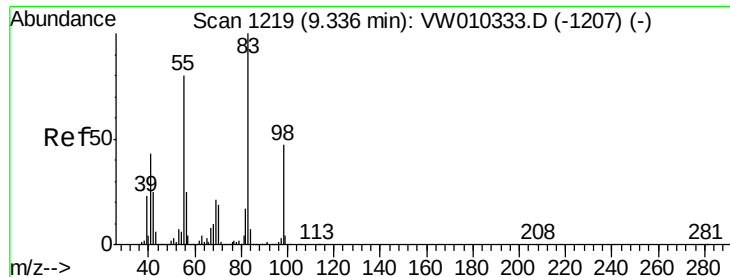
MMDadoda
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#38
Carbon Tetrachloride
Concen: 19.942 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW010355.D
Acq: 10 May 2019 14:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	75.3	112.9
121	32.0	24.4	36.6





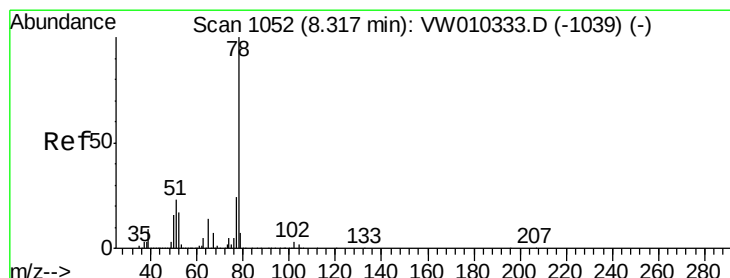
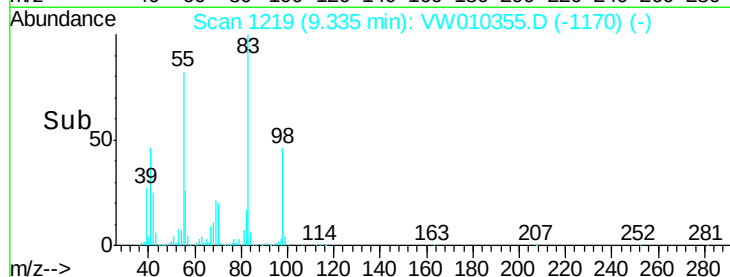
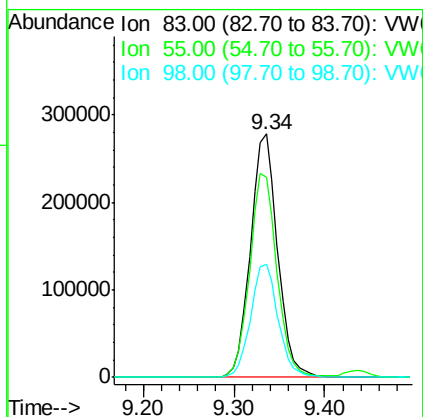
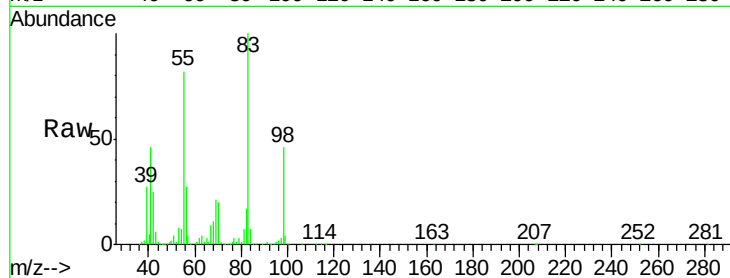
#39
Methylvlcyclohexane
Concen: 19.793 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW010355.D
Acq: 10 May 2019 14:43

Instrument :
MSVOA_W
ClientSampleId :
VW0510SBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	82.3	67.1	100.7
98	46.5	39.2	58.8

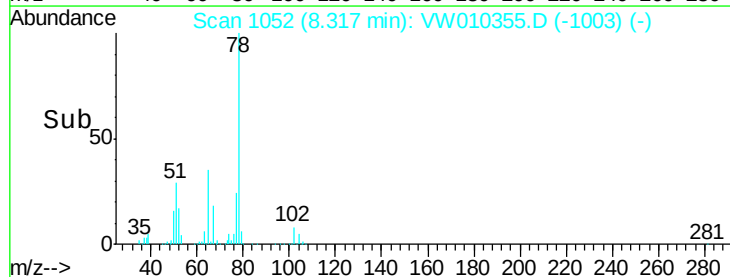
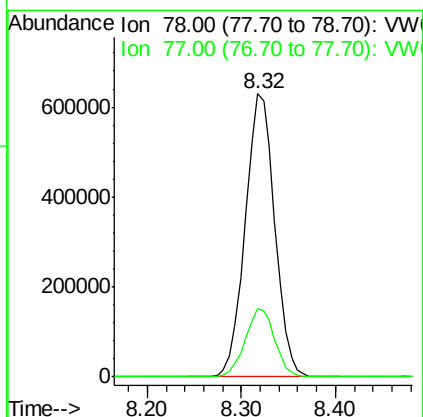
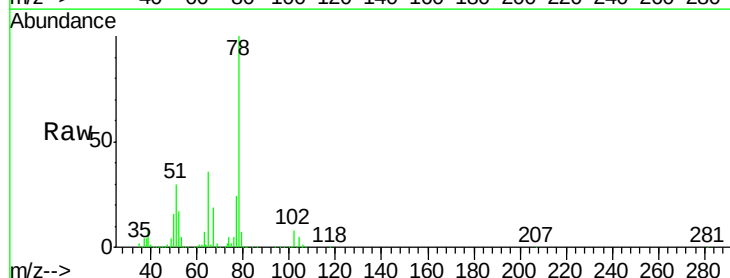
Manual Integrations
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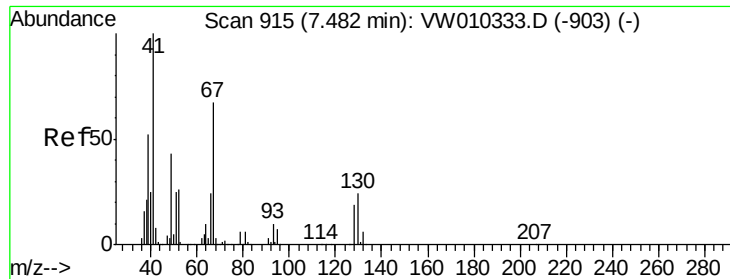
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5/11/2019 12:12:11 PM



#40
Benzene
Concen: 21.229 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VW010355.D
Acq: 10 May 2019 14:43

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.1	28.7





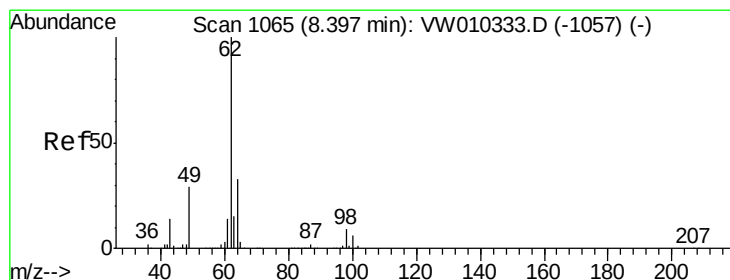
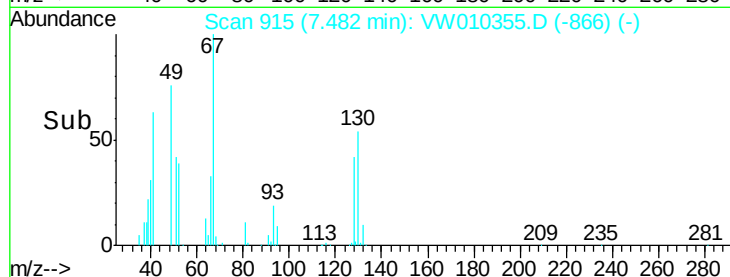
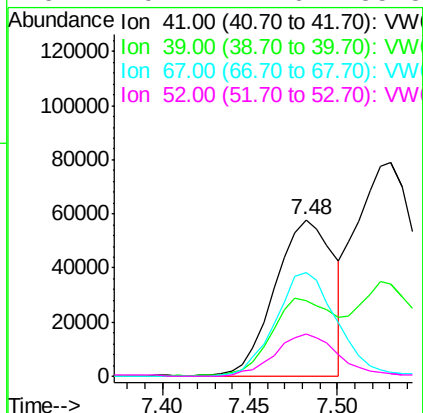
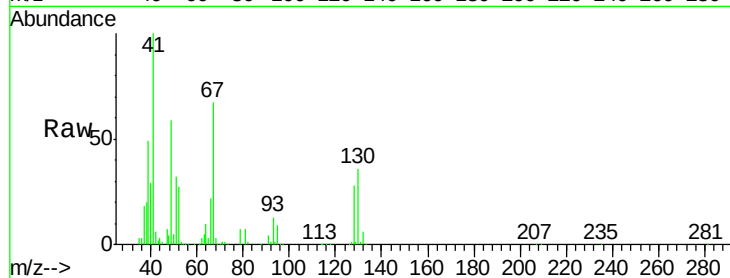
#41
Methacrylonitrile
Concen: 18.935 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW010355.D
Acq: 10 May 2019 14:43

Instrument :
MSVOA_W
ClientSampleId :
VW0510SBSD01

Tot Ion	Ratio	Lower	Upper
41	100		
39	51.8	45.0	67.4
67	70.7	50.7	76.1
52	29.4	22.6	33.8

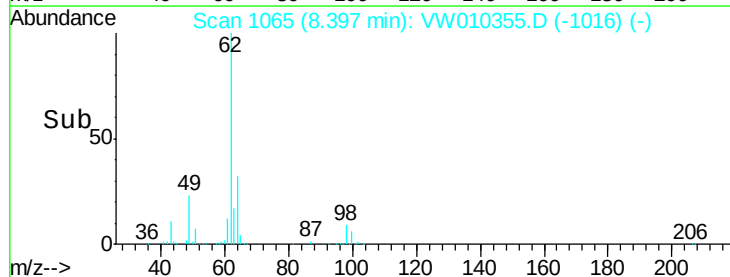
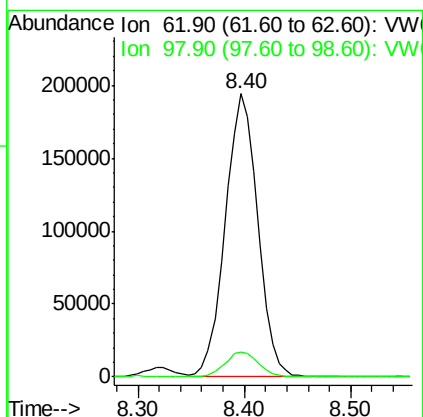
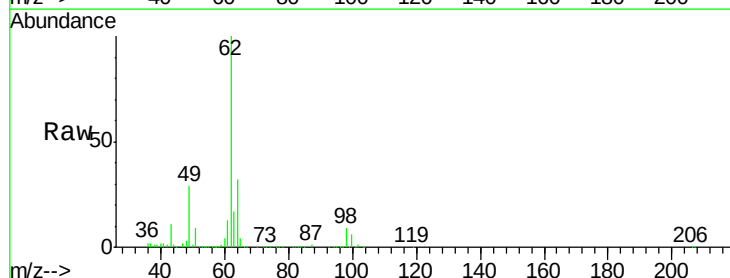
Manual Integrations
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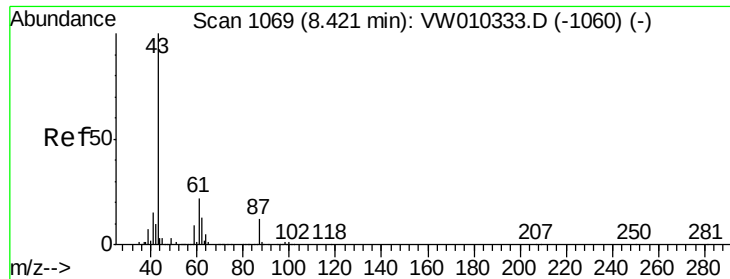
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5/11/2019 12:12:11 PM



#42
1,2-Dichloroethane
Concen: 22.179 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW010355.D
Acq: 10 May 2019 14:43

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	16.6





#43

Isopropyl Acetate

Concen: 20.322 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.01 min

Lab File: VW010355.D

Acq: 10 May 2019 14:43

Instrument :

MSVOA_W

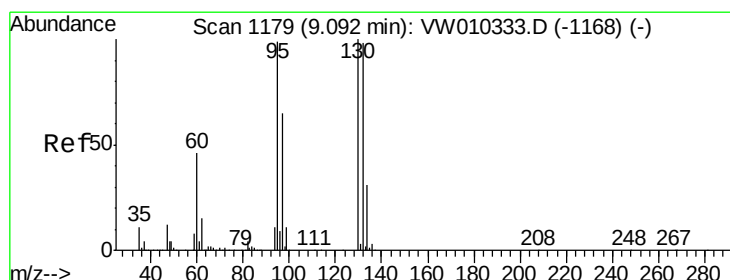
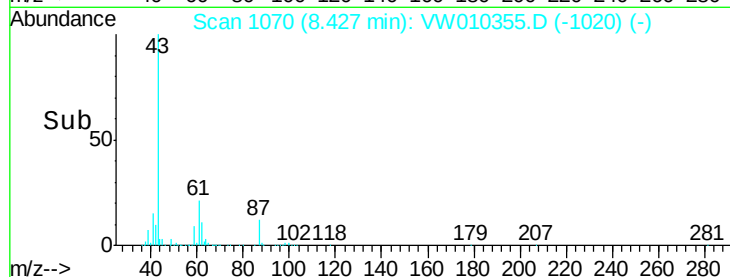
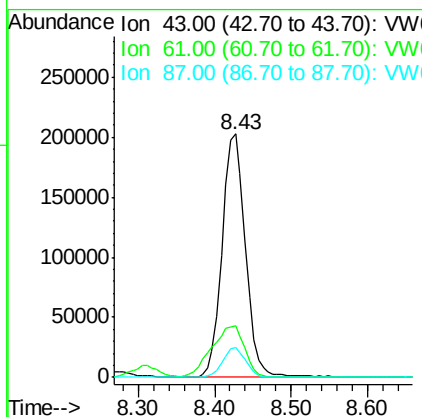
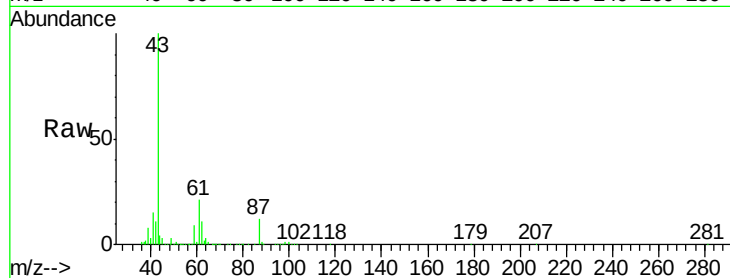
ClientSampleId :

VW0510SBSD01

Tot Ion:	43	Resp:	426552
Ion	Ratio	Lower	Upper
43	100		
61	30.0	23.0	34.6
87	12.3	9.3	13.9

Manual Integrations
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#44

Trichloroethene

Concen: 20.849 ug/l

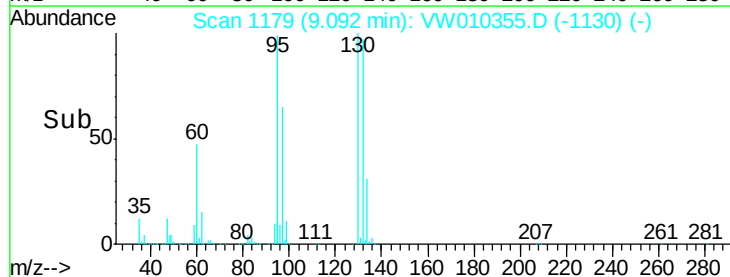
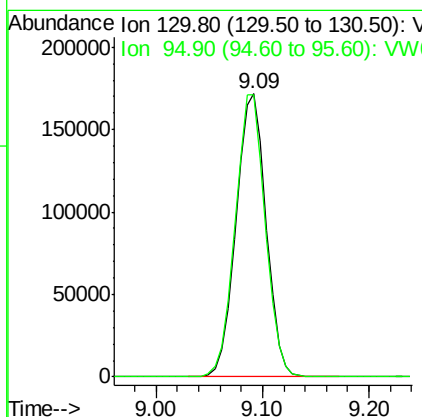
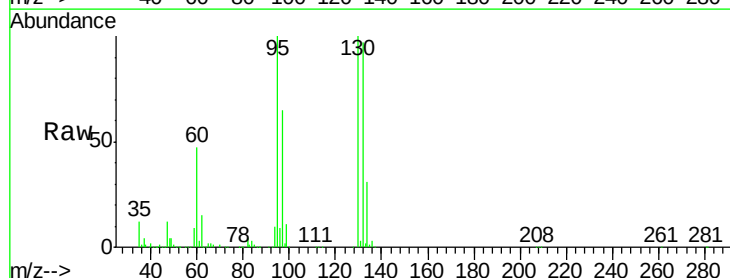
RT: 9.09 min Scan# 1179

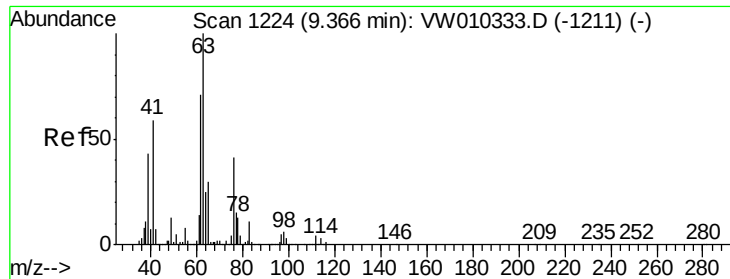
Delta R.T. -0.00 min

Lab File: VW010355.D

Acq: 10 May 2019 14:43

Tgt Ion:	130	Resp:	339774
Ion	Ratio	Lower	Upper
130	100		
95	99.5	0.0	205.4





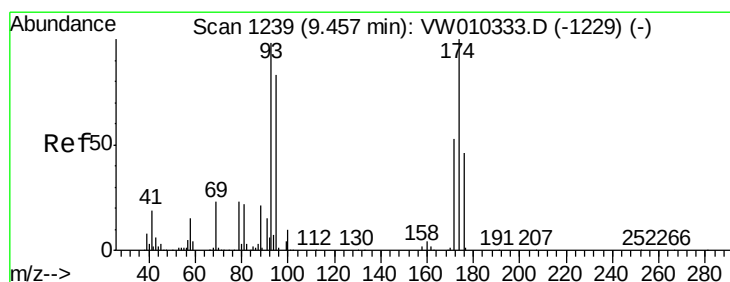
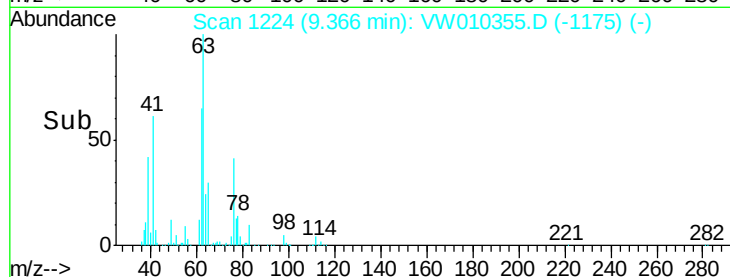
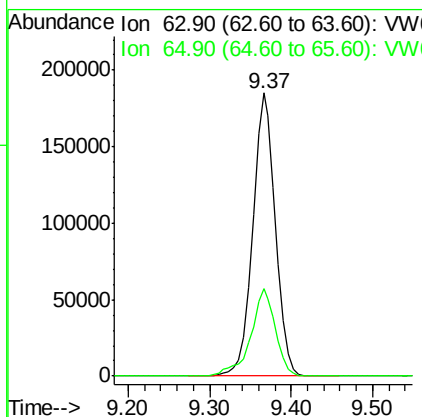
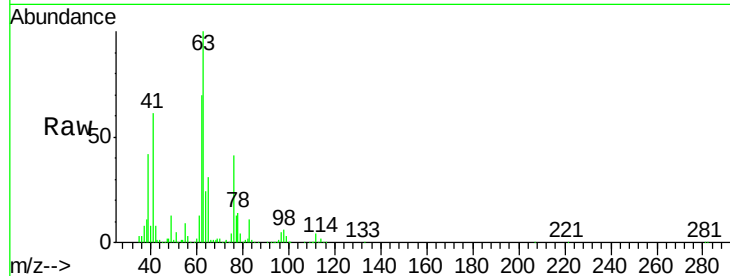
#45
 1,2-Dichloropropane
 Concen: 22.170 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW010355.D
 Acq: 10 May 2019 14:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0510SBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.8	23.8	35.6

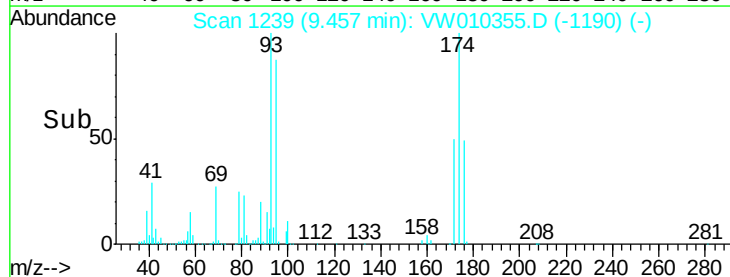
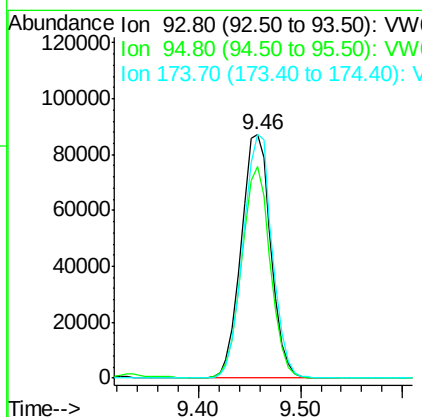
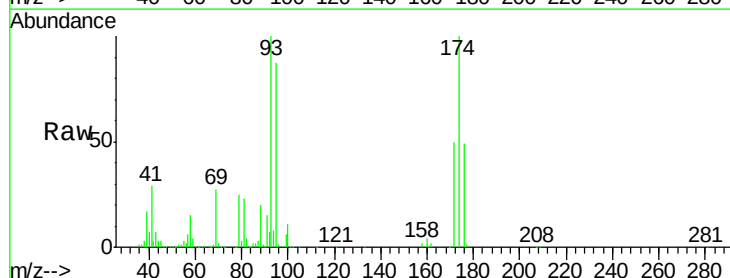
Manual Integrations
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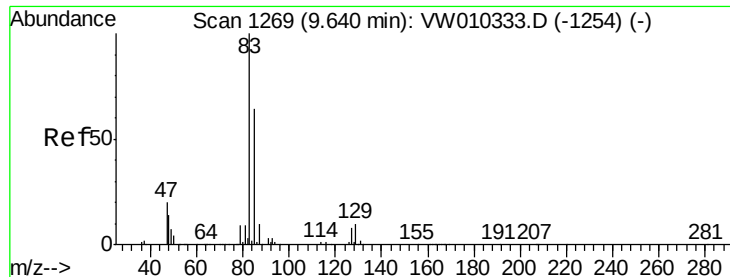
MMDadoda
 5/11/2019 12:12:11 PM



#46
 Dibromomethane
 Concen: 21.029 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW010355.D
 Acq: 10 May 2019 14:43

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.8	65.8	98.8
174	98.5	75.5	113.3





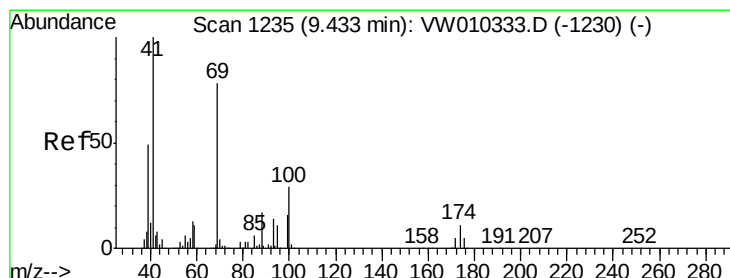
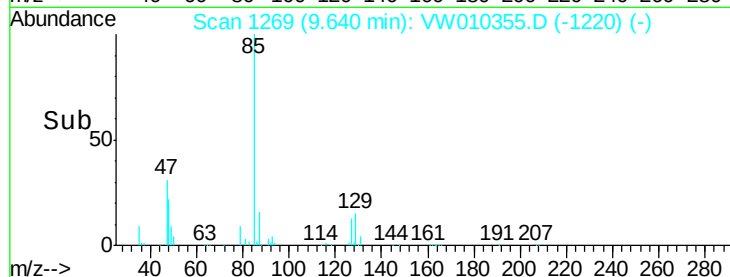
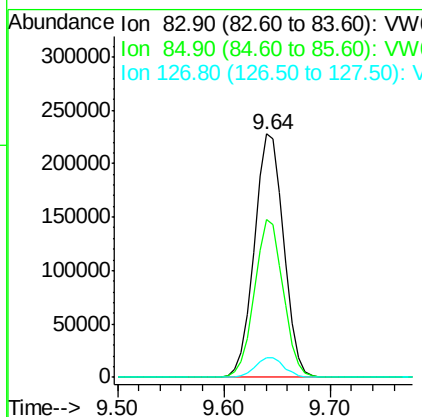
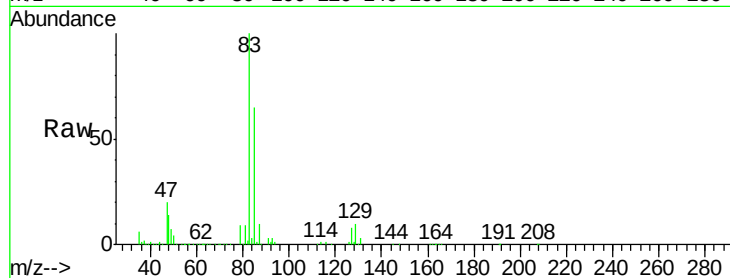
#47
Bromodichloromethane
Concen: 22.064 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VW010355.D
Acq: 10 May 2019 14:43

Instrument :
MSVOA_W
ClientSampleId :
VW0510SBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
85	65.0	50.6	75.8
127	8.3	6.6	10.0

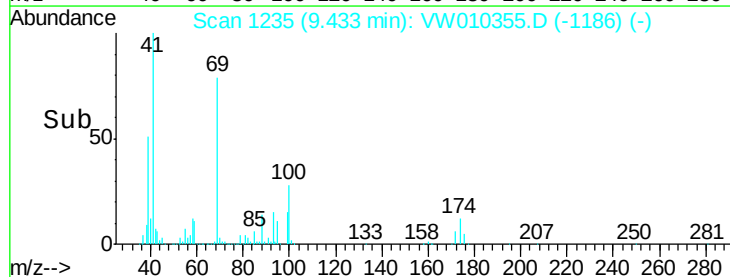
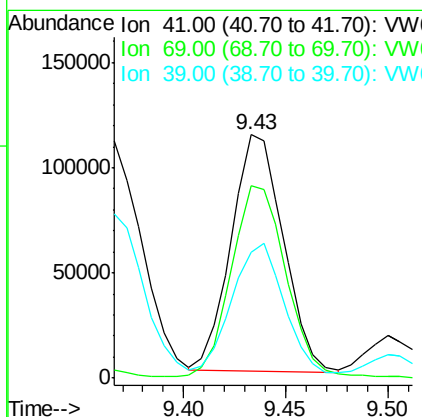
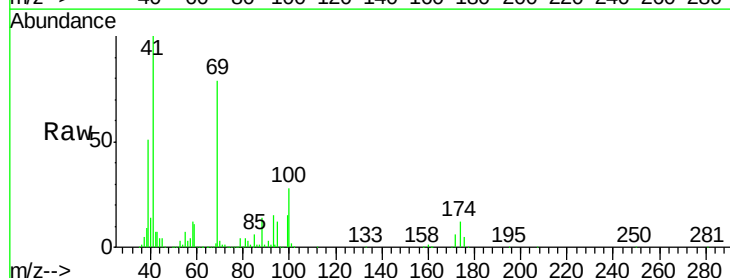
Manual Integrations
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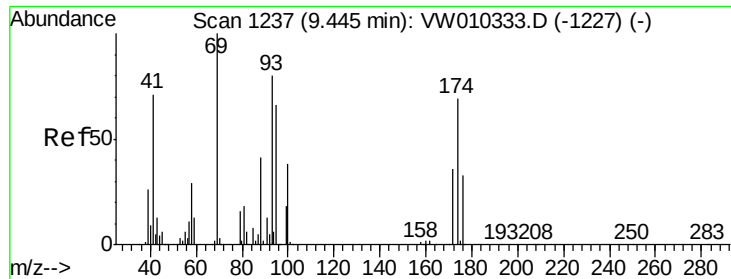
MMDadoda
5/11/2019 12:12:11 PM



#48
Methyl methacrylate
Concen: 20.067 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VW010355.D
Acq: 10 May 2019 14:43

Tgt Ion	Ratio	Lower	Upper
41	100		
69	85.7	60.1	90.1
39	54.3	51.0	76.6





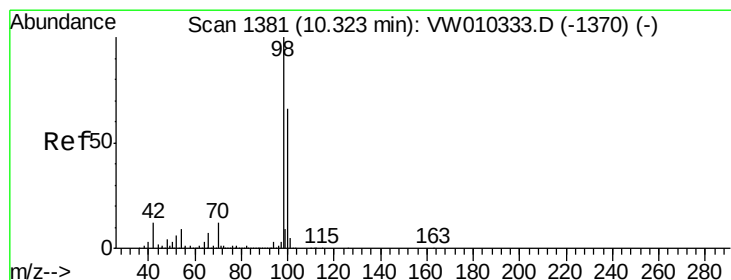
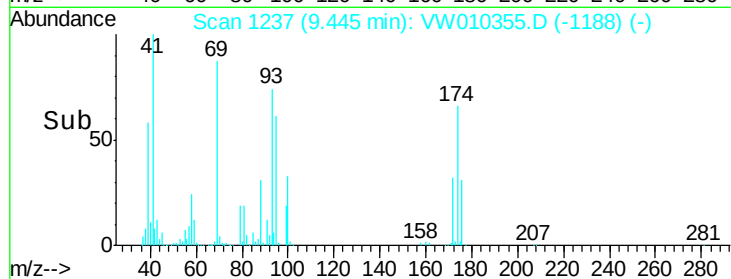
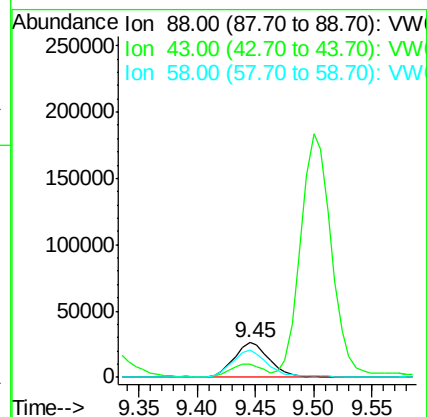
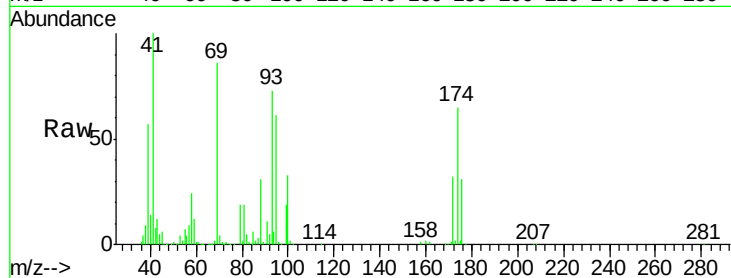
#49
1,4-Dioxane
Concen: 386.516 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VW010355.D
Acq: 10 May 2019 14:43

Instrument :
MSVOA_W
ClientSampleId :
VW0510SBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.6	31.9	47.9
58	77.8	61.8	92.6

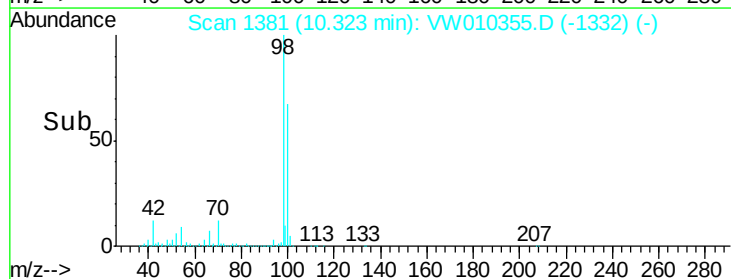
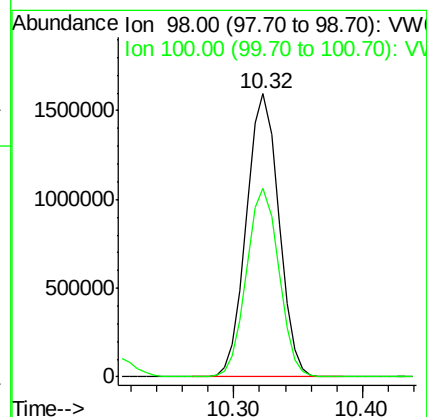
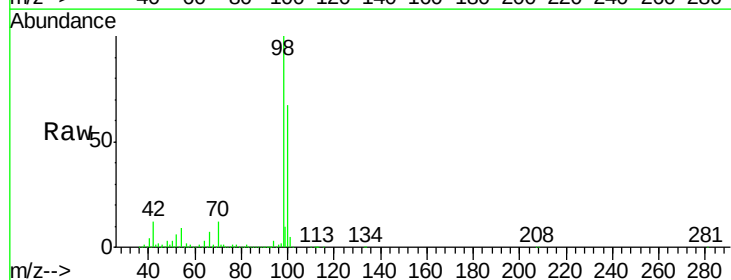
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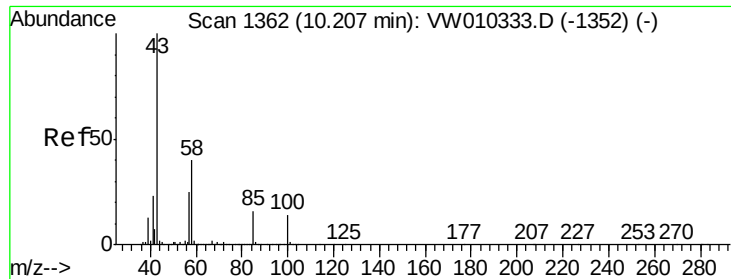
MMDadoda
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#50
Toluene-d8
Concen: 53.147 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010355.D
Acq: 10 May 2019 14:43

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.2	52.3	78.5





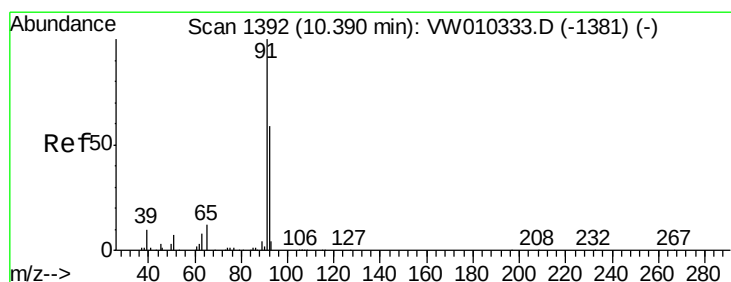
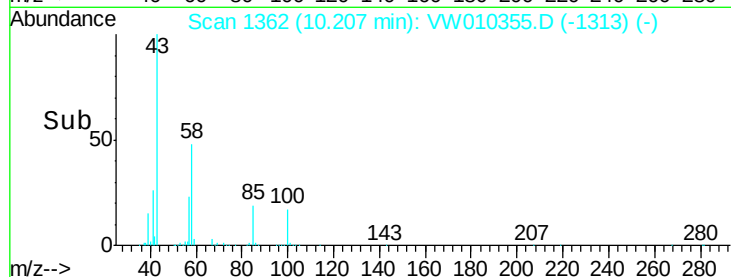
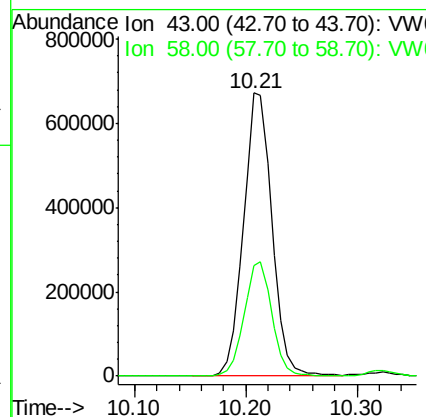
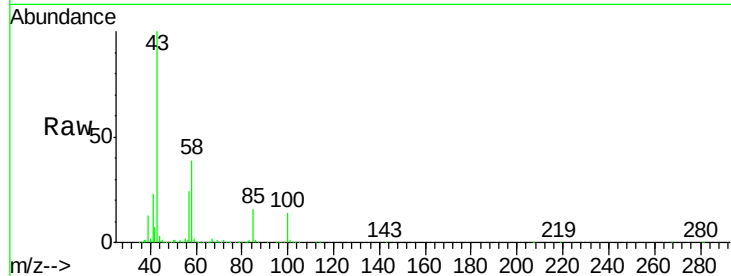
#51
4-Methyl-2-Pentanone
Concen: 98.764 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. -0.00 min
Lab File: VW010355.D
Acq: 10 May 2019 14:43

Instrument :
MSVOA_W
ClientSampleId :
VW0510SBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.4	28.9	43.3

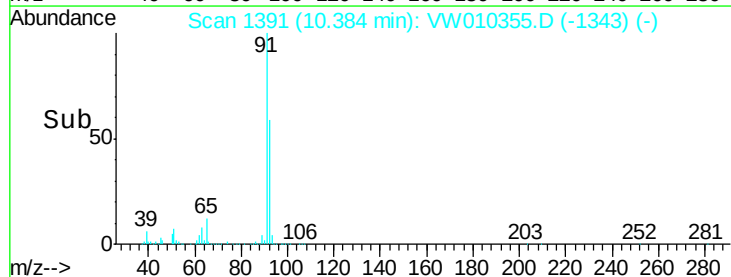
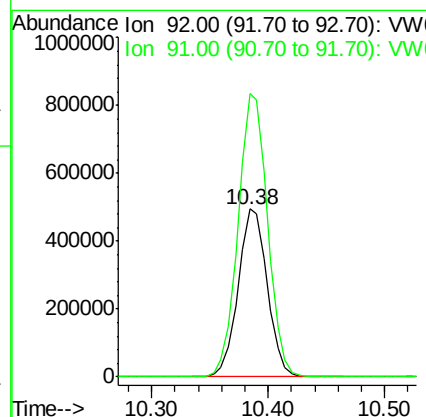
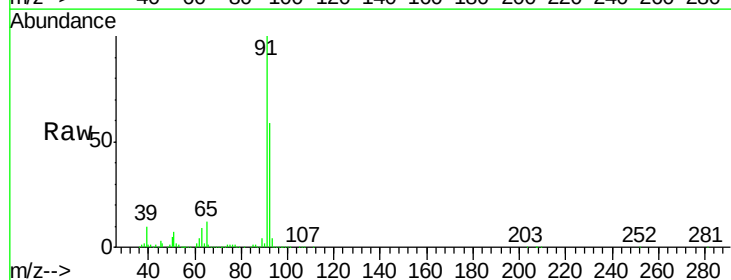
Manual Integrations
APPROVED

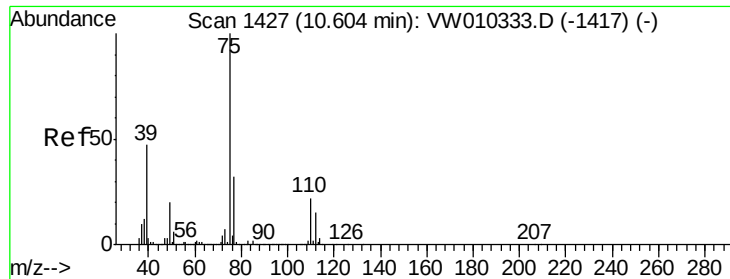
MMDadoda
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#52
Toluene
Concen: 21.572 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.01 min
Lab File: VW010355.D
Acq: 10 May 2019 14:43

Tgt Ion	Ratio	Lower	Upper
92	100		
91	171.1	138.5	207.7





#53

t-1,3-Dichloropropene

Concen: 21.762 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW010355.D

Acq: 10 May 2019 14:43

Instrument :

MSVOA_W

ClientSampleId :

VW0510SBSD01

Tot Ion: 75 Resp: 442016

Ion Ratio Lower Upper

75 100

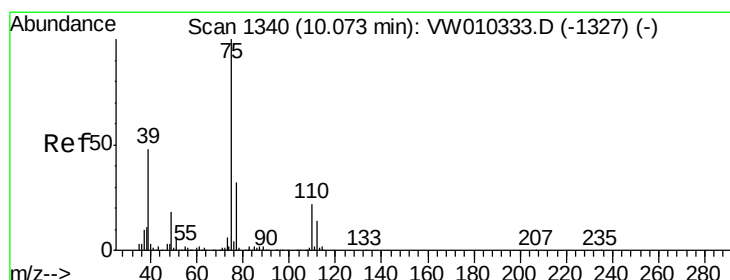
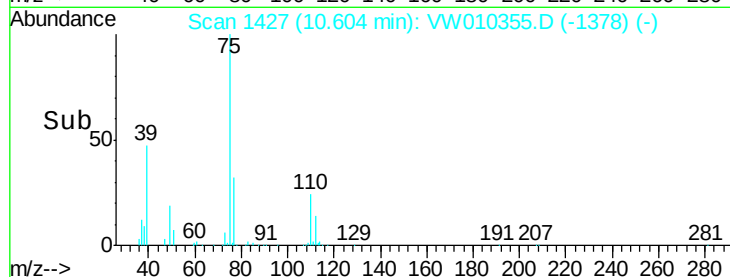
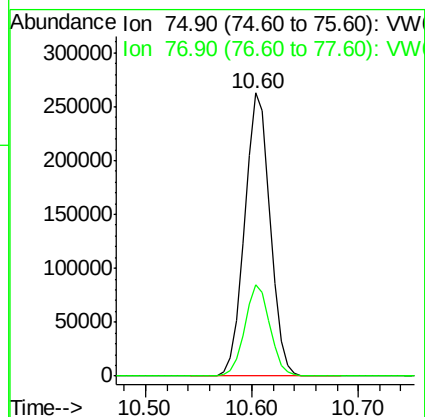
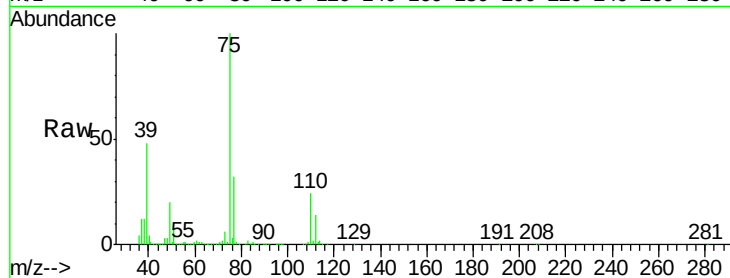
77 32.1 26.9 40.3

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 21.971 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW010355.D

Acq: 10 May 2019 14:43

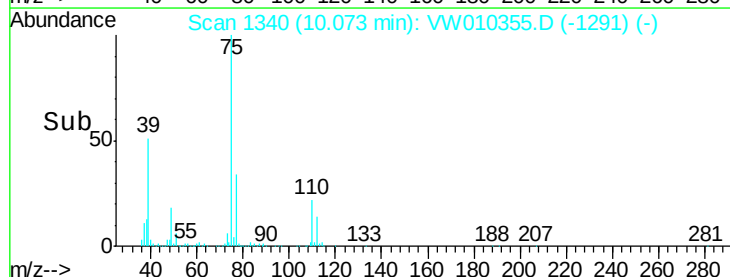
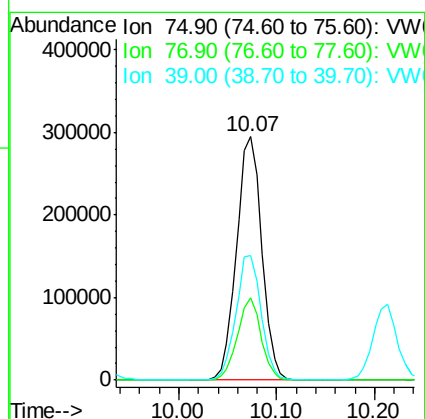
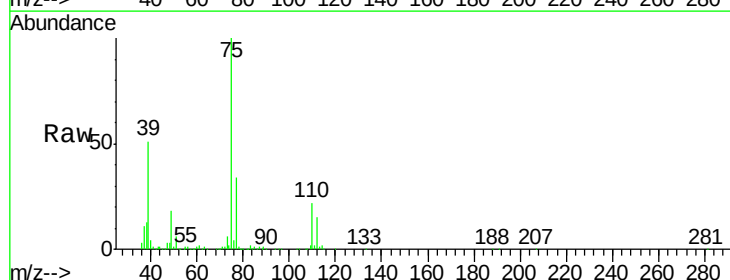
Tgt Ion: 75 Resp: 528522

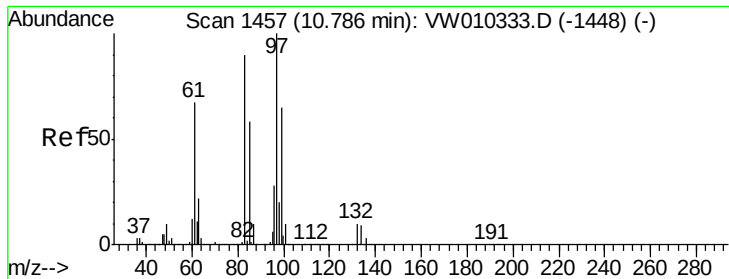
Ion Ratio Lower Upper

75 100

77 33.7 25.6 38.4

39 51.3 47.8 71.6





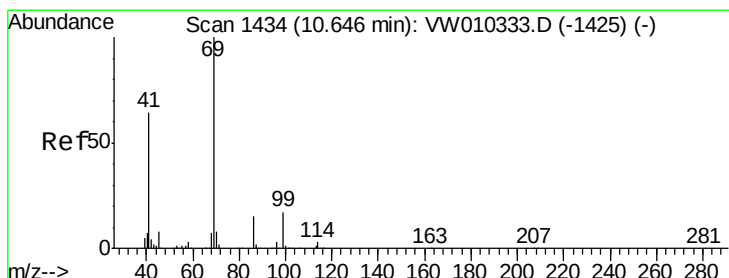
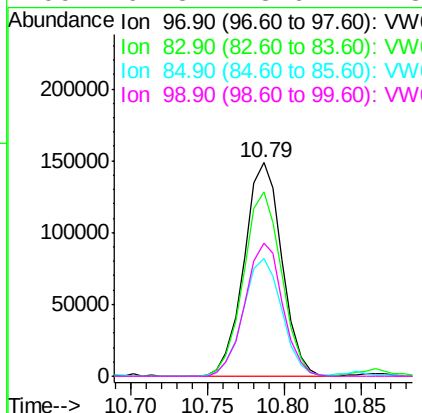
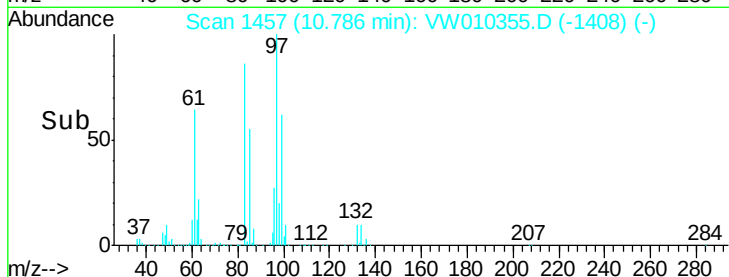
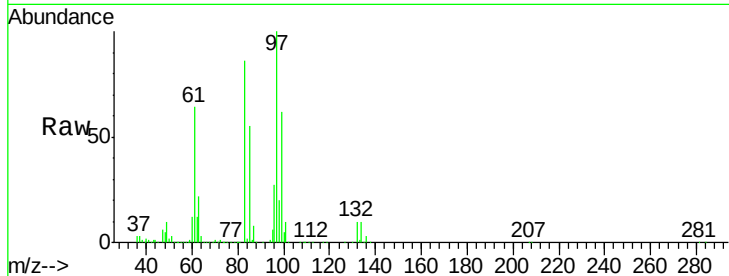
#55
 1,1,2-Trichloroethane
 Concen: 21.519 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW010355.D
 Acq: 10 May 2019 14:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0510SBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		255501		
83	86.3	68.9	103.3		
85	55.4	42.9	64.3		
99	62.3	48.6	72.8		

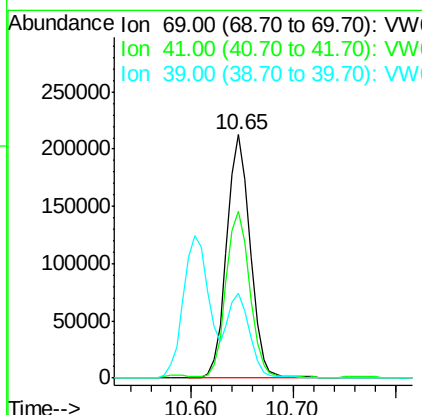
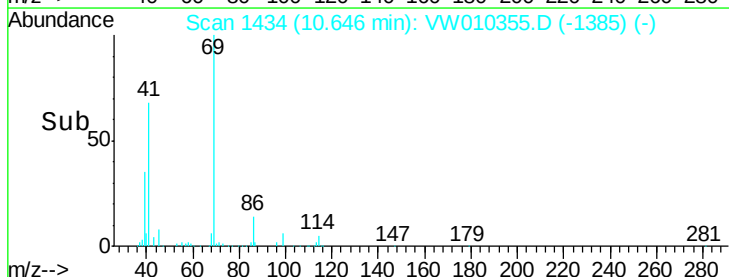
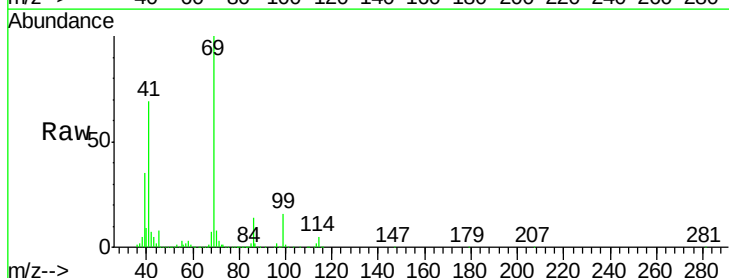
Manual Integrations
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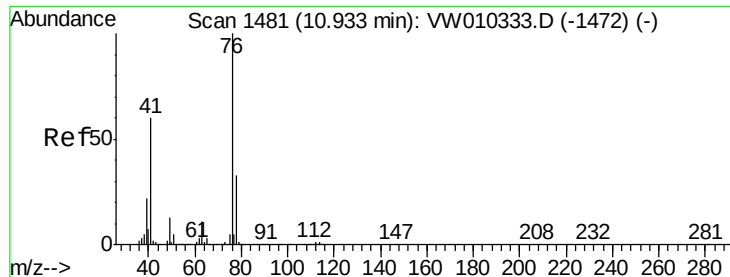
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#56
 Ethyl methacrylate
 Concen: 21.549 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW010355.D
 Acq: 10 May 2019 14:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		337874		
41	68.9	61.0	91.6		
39	32.8	33.8	50.6#		





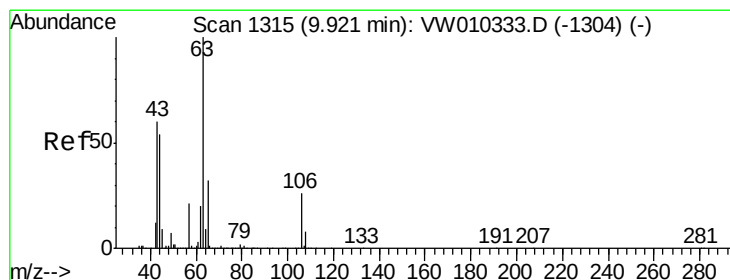
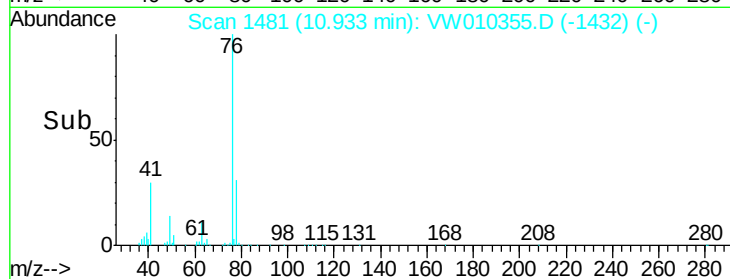
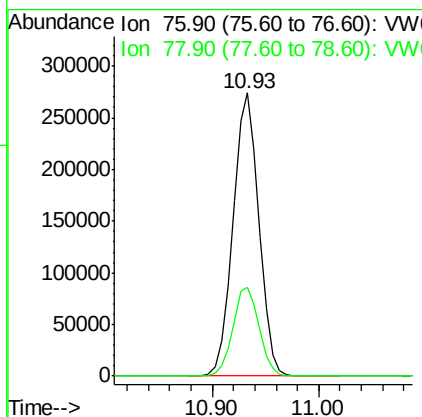
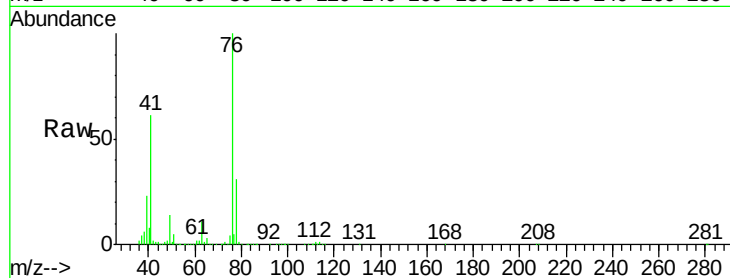
#57
 1,3-Dichloropropane
 Concen: 21.951 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW010355.D
 Acq: 10 May 2019 14:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0510SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.9	25.8	38.8

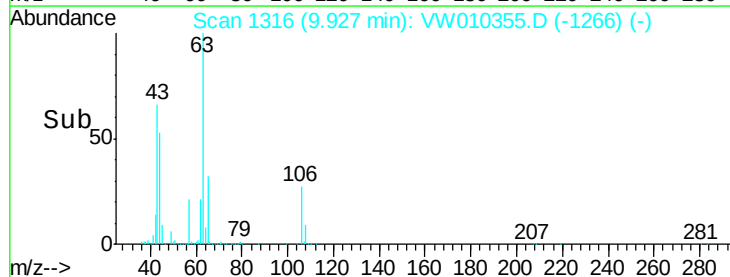
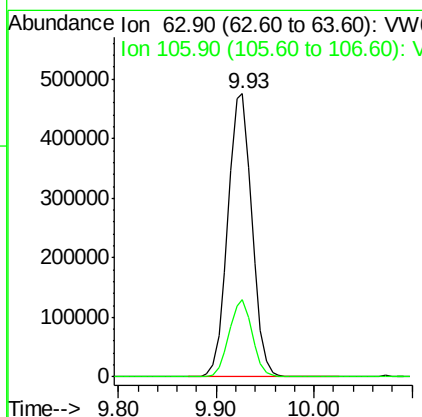
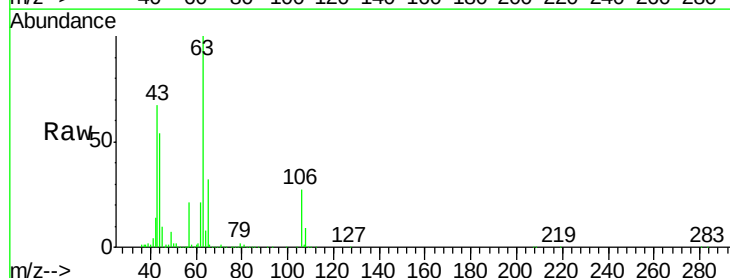
Manual Integrations
 APPROVED

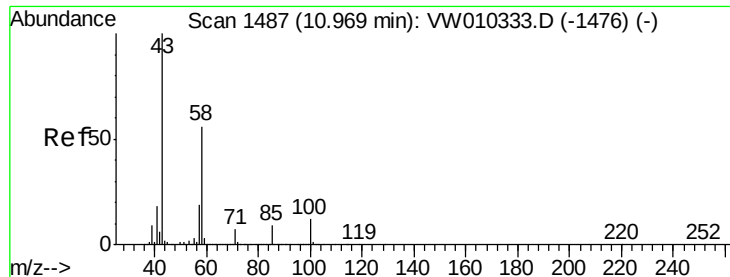
MMDadoda
 5/11/2019 12:12:11 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 108.041 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VW010355.D
 Acq: 10 May 2019 14:43

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.2	21.4	32.0





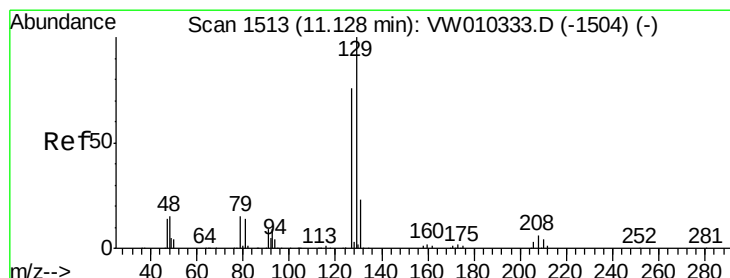
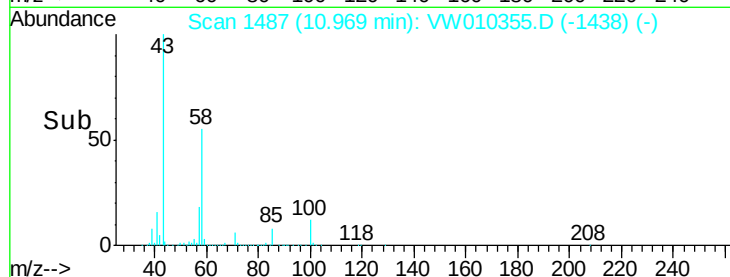
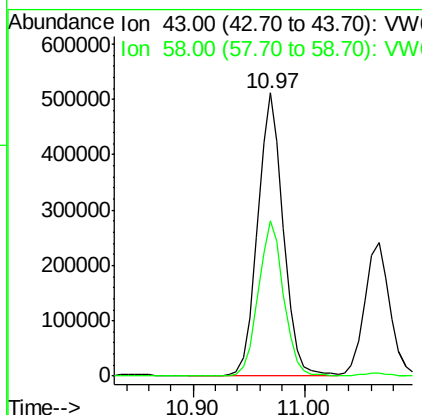
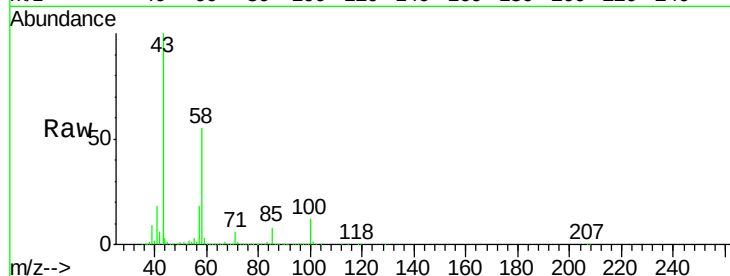
#59
2-Hexanone
Concen: 96.090 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW010355.D
Acq: 10 May 2019 14:43

Instrument :
MSVOA_W
ClientSampleId :
VW0510SBSD01

Tot Ion: 43 Resp: 817691
Ion Ratio Lower Upper
43 100
58 54.4 24.9 74.7

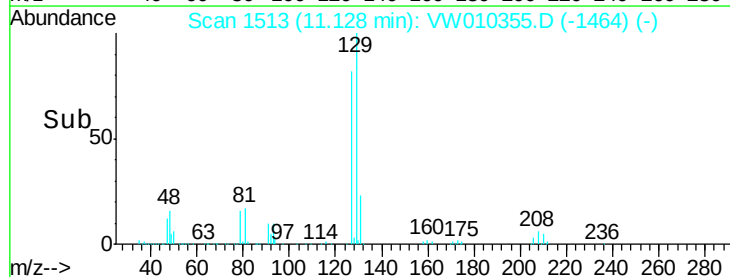
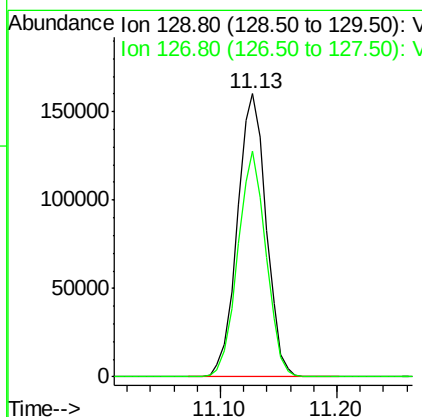
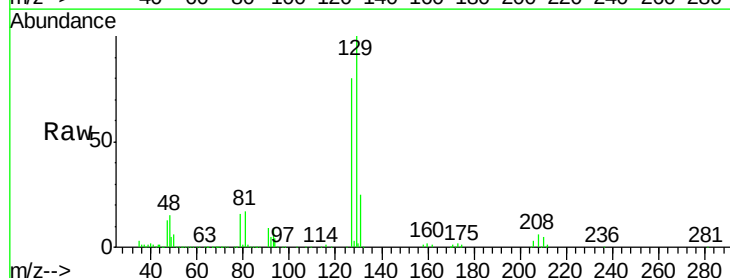
Manual Integrations
APPROVED

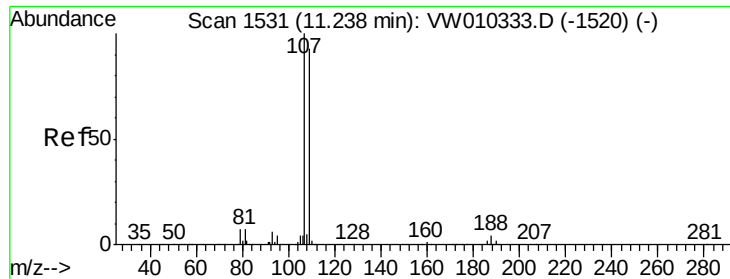
MMDadoda
5/11/2019 12:12:11 PM



#60
Dibromochloromethane
Concen: 21.638 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW010355.D
Acq: 10 May 2019 14:43

Tgt Ion: 129 Resp: 276451
Ion Ratio Lower Upper
129 100
127 78.1 38.6 116.0





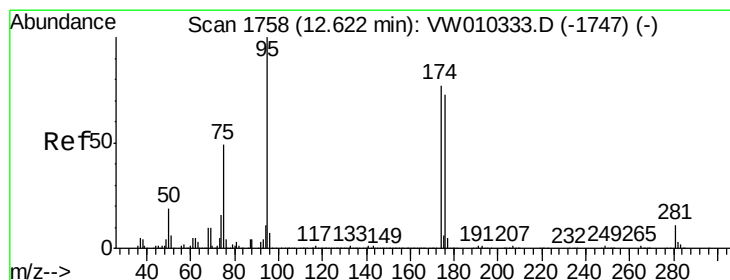
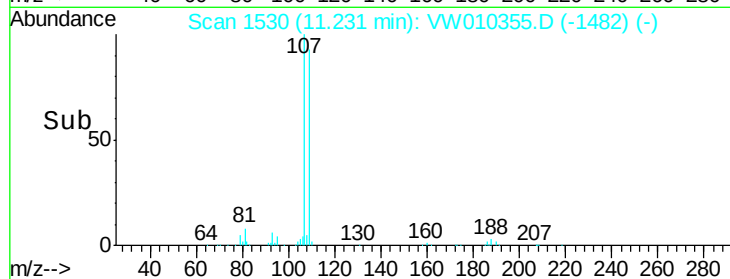
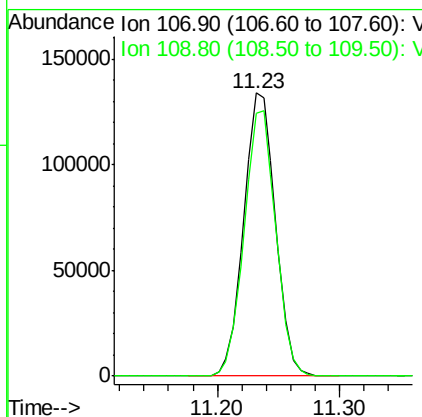
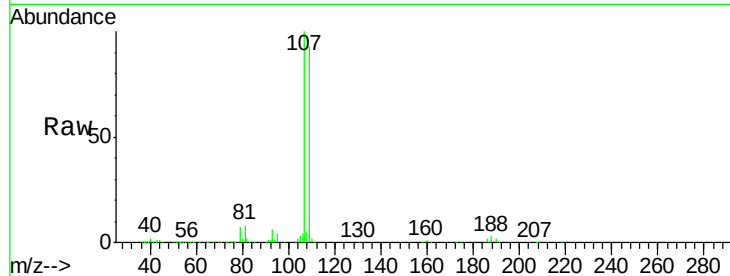
#61
 1,2-Dibromoethane
 Concen: 21.134 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW010355.D
 Acq: 10 May 2019 14:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0510SBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.9	73.6	110.4

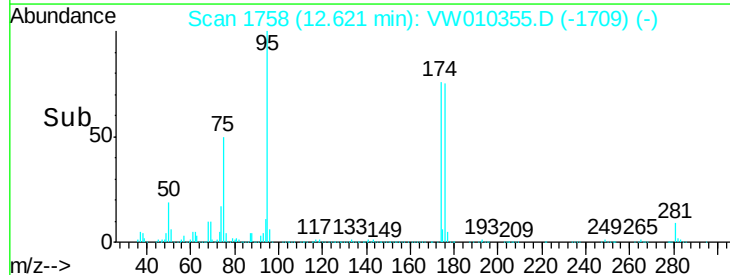
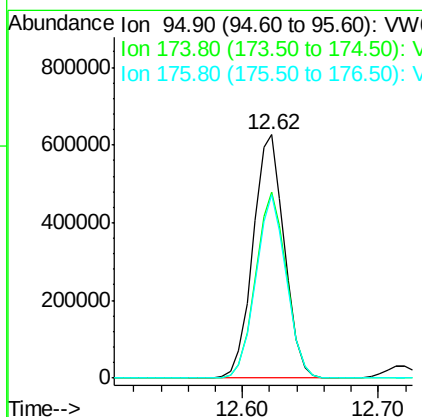
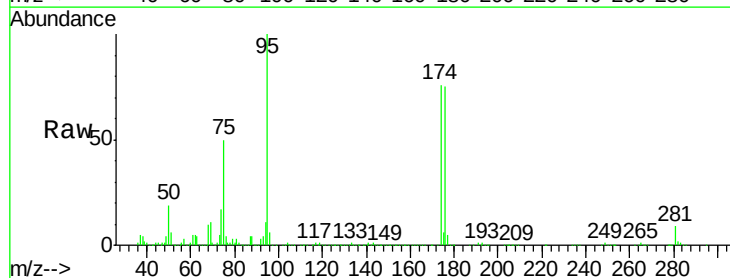
Manual Integrations
 APPROVED

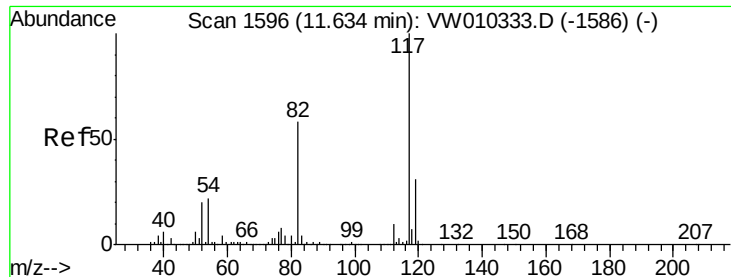
MMDadoda
 5/11/2019 12:12:11 PM



#62
 4-Bromofluorobenzene
 Concen: 54.903 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW010355.D
 Acq: 10 May 2019 14:43

Tgt Ion	Ratio	Lower	Upper
95	100		
174	75.5	0.0	151.4
176	73.5	0.0	146.2





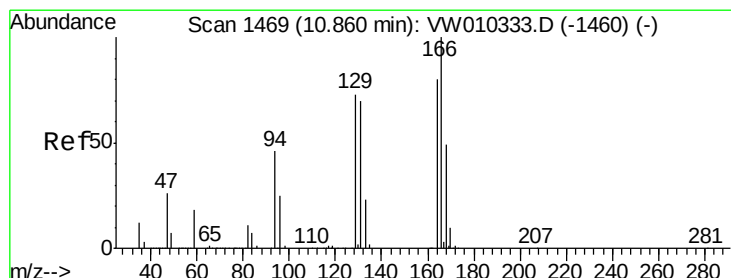
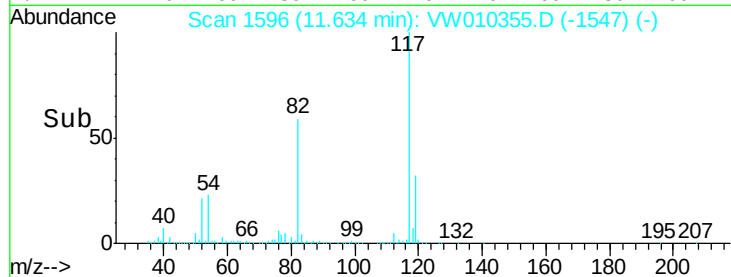
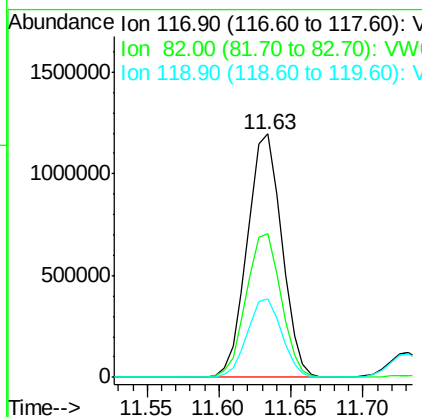
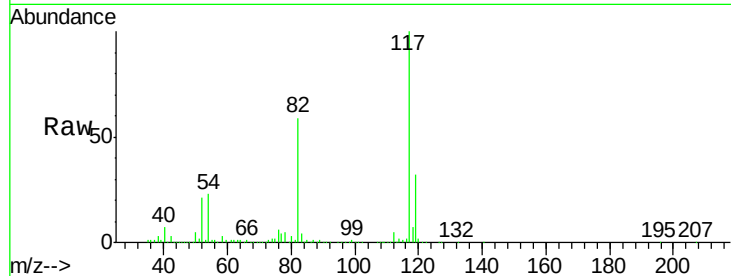
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010355.D
Acq: 10 May 2019 14:43

Instrument :
MSVOA_W
ClientSampleId :
VW0510SBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.0	45.2	67.8
119	32.0	25.4	38.2

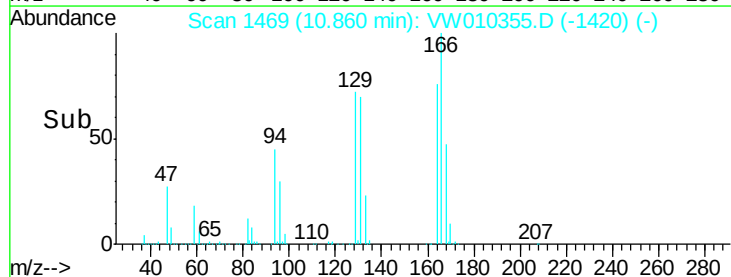
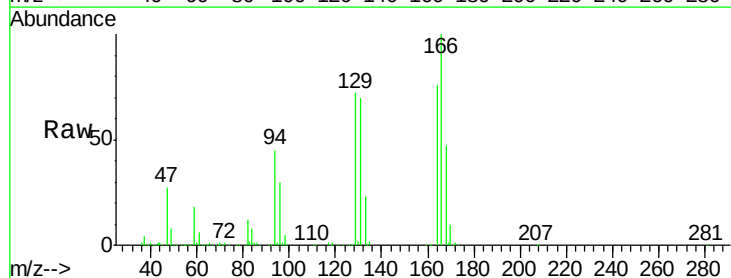
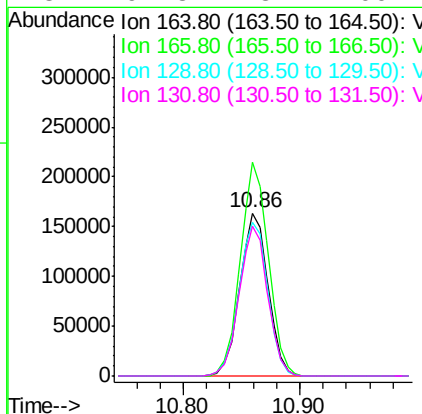
Manual Integrations
APPROVED

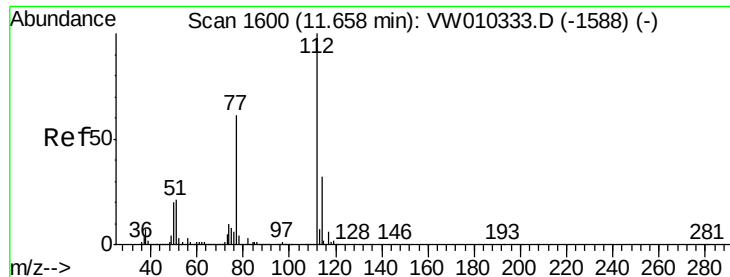
MMDadoda
5/11/2019 12:12:11 PM



#64
Tetrachloroethene
Concen: 19.949 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW010355.D
Acq: 10 May 2019 14:43

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.0	101.2	151.8
129	94.0	77.8	116.6
131	91.8	73.1	109.7





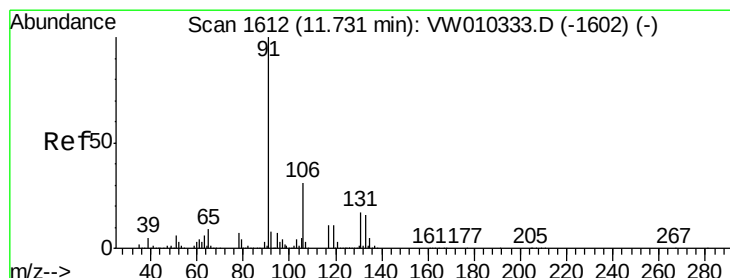
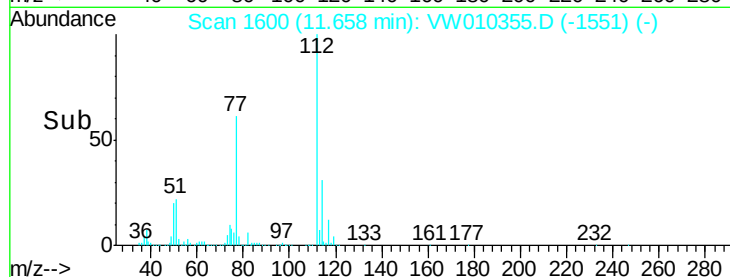
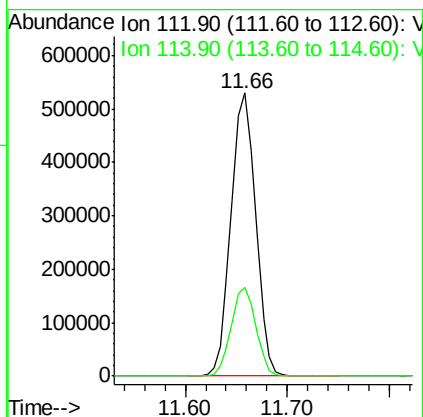
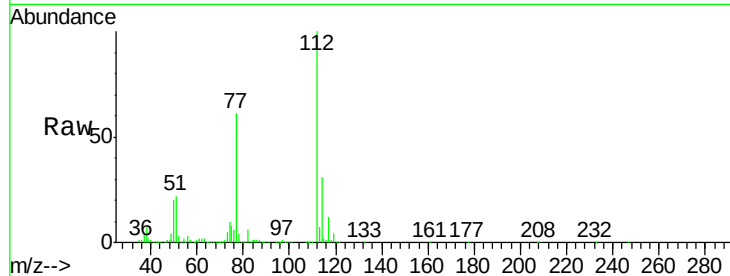
#65
Chlorobenzene
Concen: 21.515 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW010355.D
Acq: 10 May 2019 14:43

Instrument :
MSVOA_W
ClientSampleId :
VW0510SBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.2	26.5	39.7

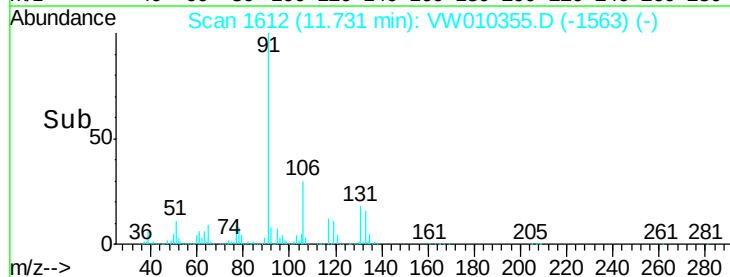
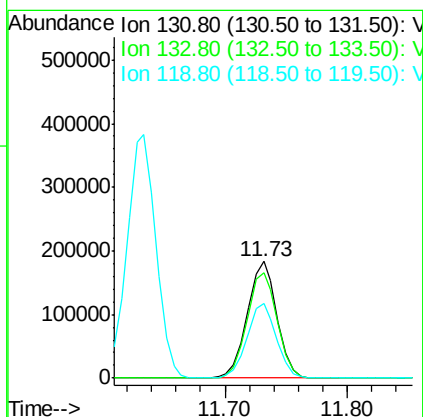
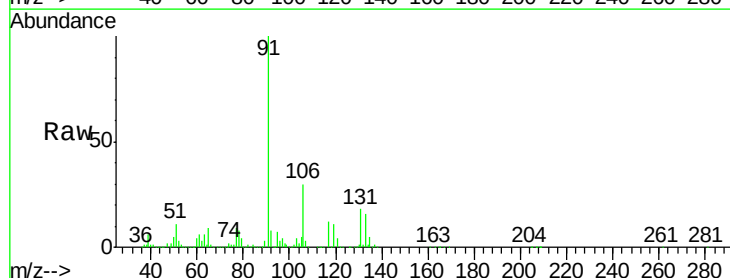
Manual Integrations
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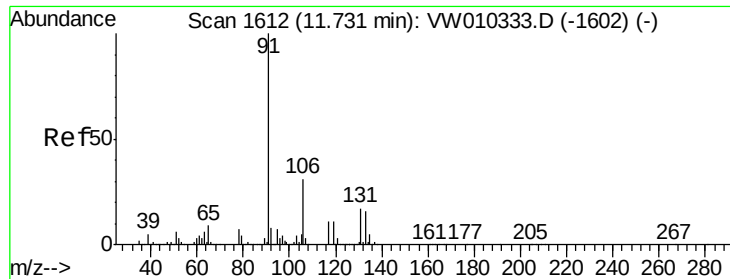
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#66
1,1,1,2-Tetrachloroethane
Concen: 22.094 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010355.D
Acq: 10 May 2019 14:43

Tgt Ion	Ratio	Lower	Upper
131	100		
133	92.6	46.5	139.5
119	63.9	31.9	95.5





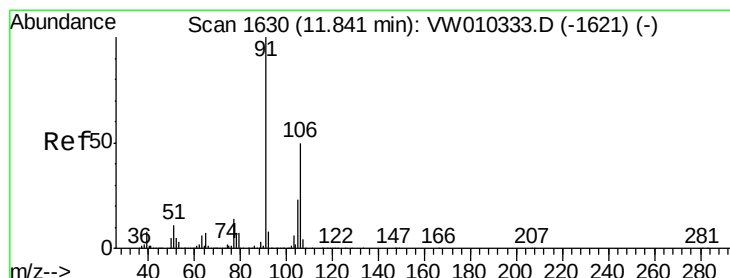
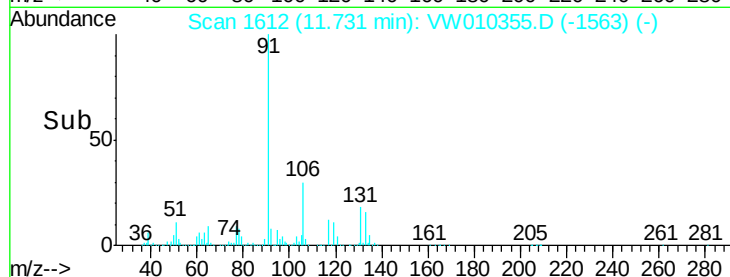
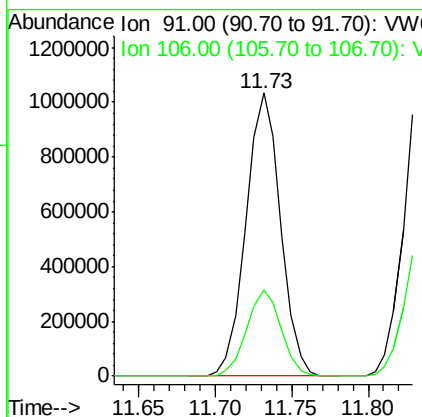
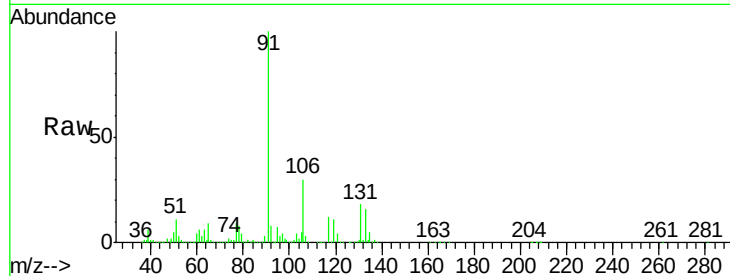
#67
Ethyl Benzene
Concen: 21.463 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010355.D
Acq: 10 May 2019 14:43

Instrument :
MSVOA_W
ClientSampleId :
VW0510SBSD01

Tot Ion: 91 Resp: 1621127
Ion Ratio Lower Upper
91 100
106 30.4 23.8 35.8

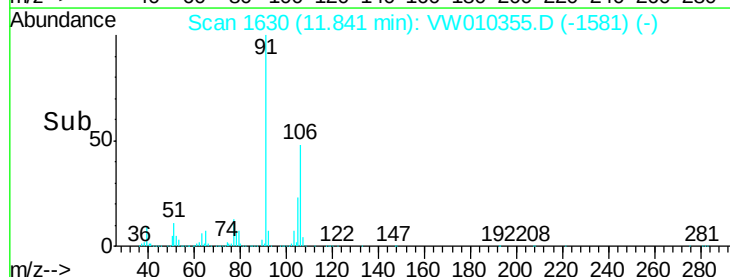
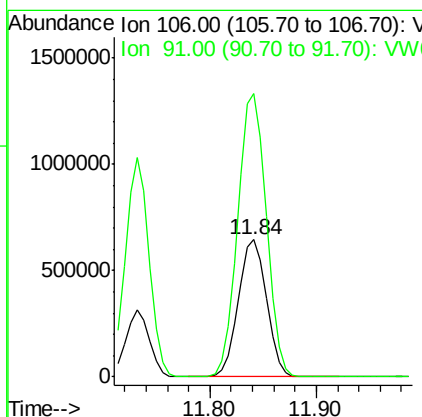
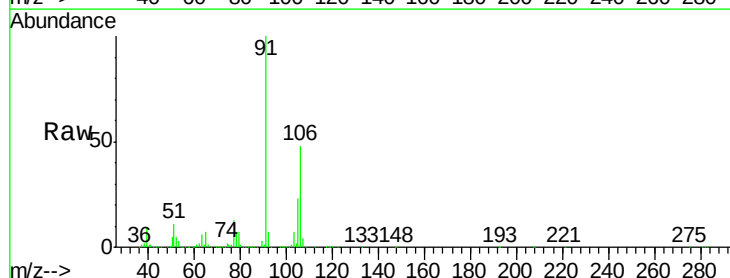
Manual Integrations
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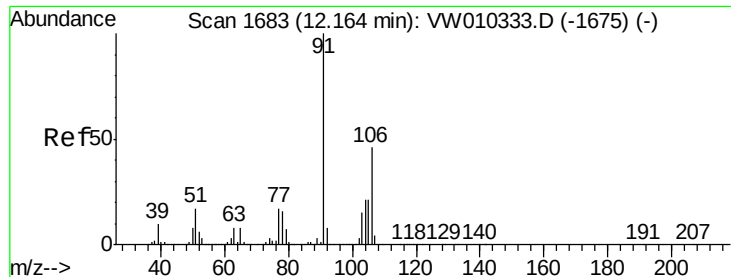
MMDadoda
5/11/2019 12:12:11 PM



#68
m/p-Xylenes
Concen: 42.965 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW010355.D
Acq: 10 May 2019 14:43

Tgt Ion: 106 Resp: 1205739
Ion Ratio Lower Upper
106 100
91 208.9 165.0 247.6





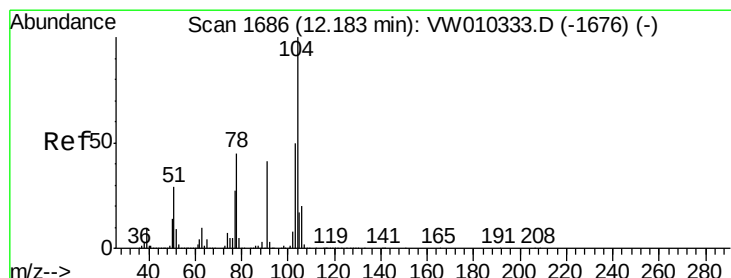
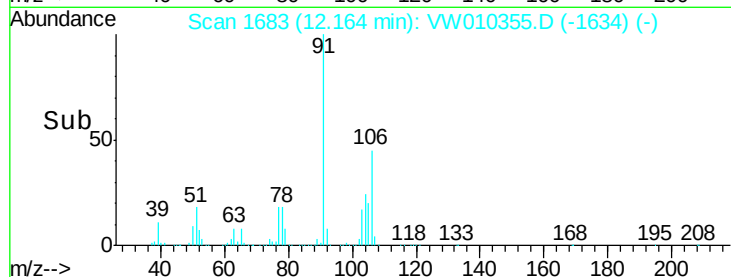
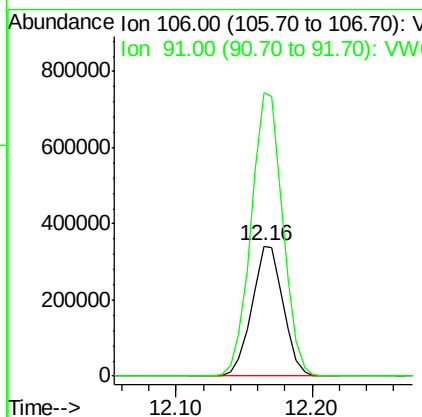
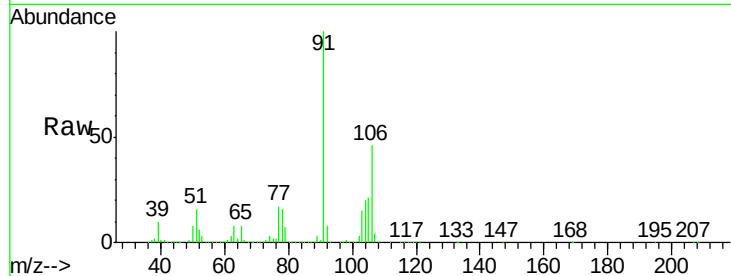
#69
o-Xylene
Concen: 21.815 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW010355.D
Acq: 10 May 2019 14:43

Instrument :
MSVOA_W
ClientSampleId :
VW0510SBSD01

Tot Ion:106 Resp: 553803
Ion Ratio Lower Upper
106 100
91 219.8 110.5 331.4

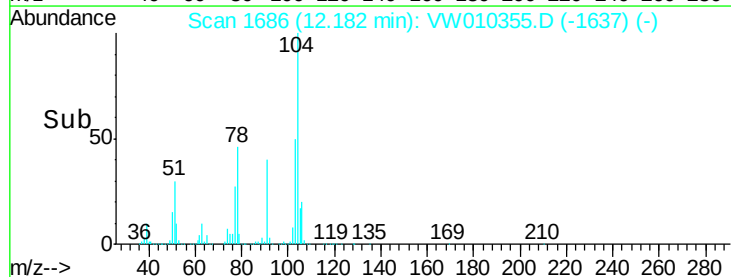
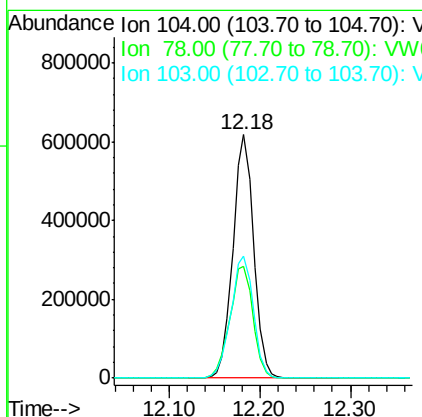
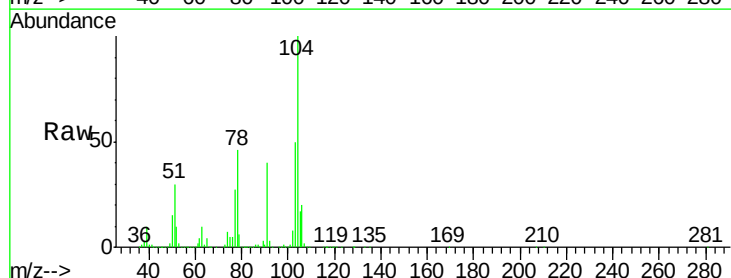
Manual Integrations
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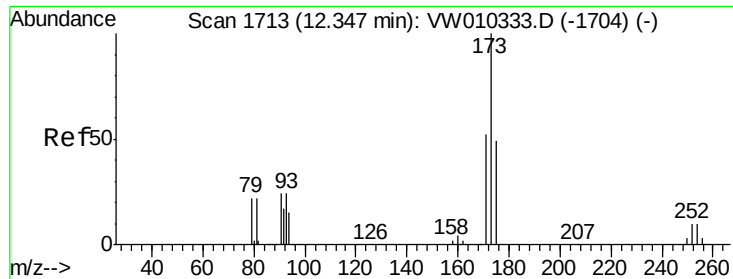
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#70
Styrene
Concen: 22.149 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW010355.D
Acq: 10 May 2019 14:43

Tgt Ion:104 Resp: 979735
Ion Ratio Lower Upper
104 100
78 51.3 42.5 63.7
103 54.7 43.6 65.4





#71

Bromoform

Concen: 19.839 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW010355.D

Acq: 10 May 2019 14:43

Instrument :

MSVOA_W

ClientSampleId :

VW0510SBSD01

Tot Ion:173 Resp: 157379

Ion Ratio Lower Upper

173 100

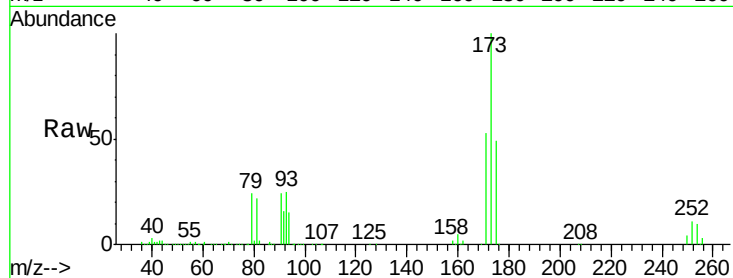
175 48.9 23.8 71.4

254 0.0 0.1 0.1#

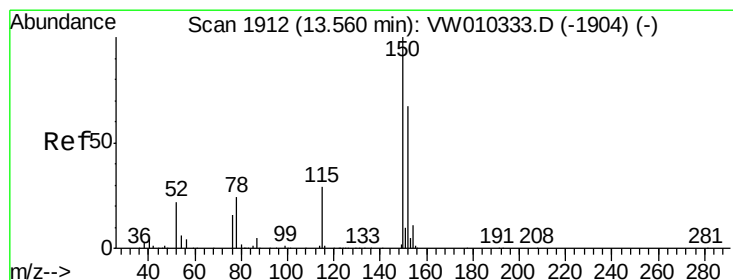
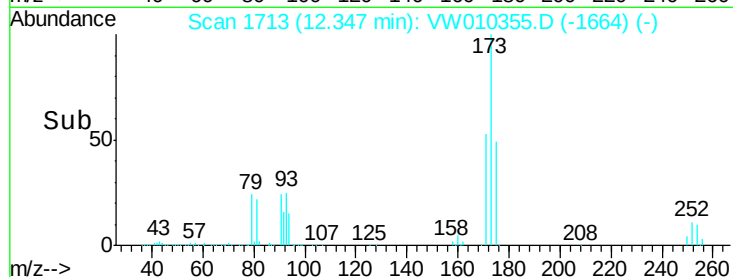
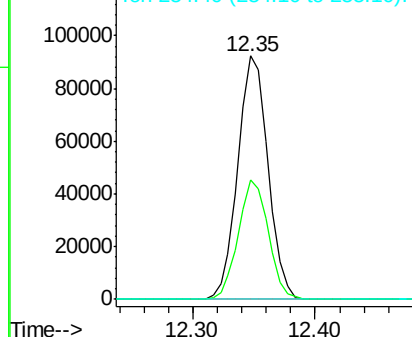
Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW010355.D

Acq: 10 May 2019 14:43

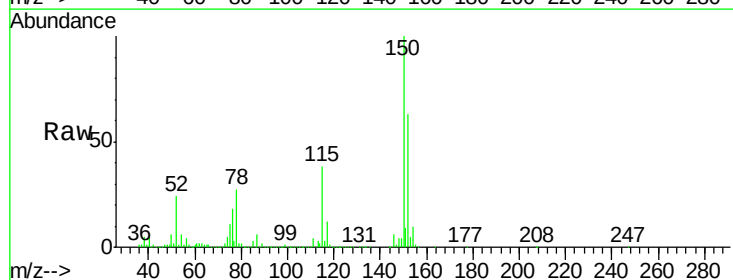
Tgt Ion:152 Resp: 990783

Ion Ratio Lower Upper

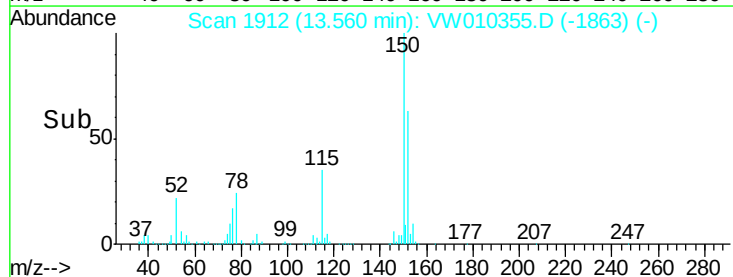
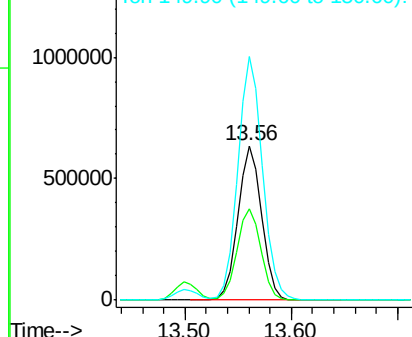
152 100

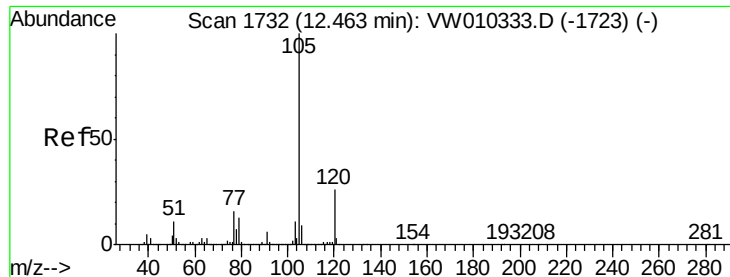
115 59.4 30.4 91.2

150 164.3 0.0 347.0



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





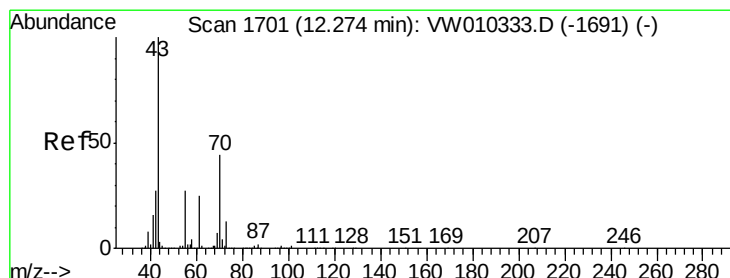
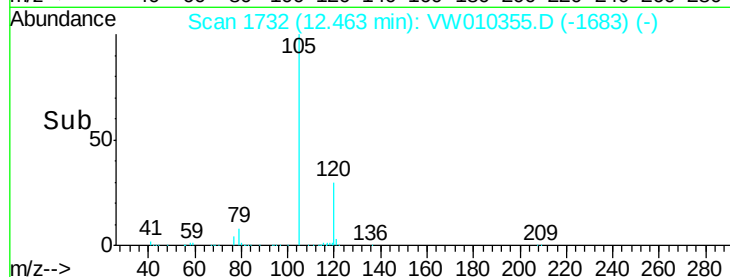
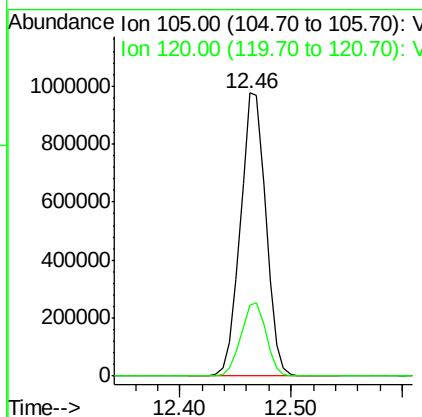
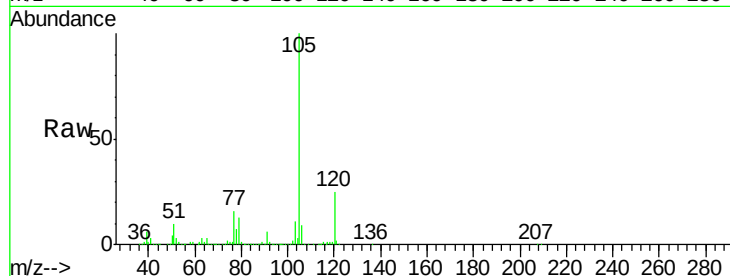
#73
Isopropylbenzene
Concen: 21.367 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VW010355.D
Acq: 10 May 2019 14:43

Instrument :
MSVOA_W
ClientSampleId :
VW0510SBSD01

Tot Ion:105 Resp: 1543117
Ion Ratio Lower Upper
105 100
120 26.0 13.1 39.1

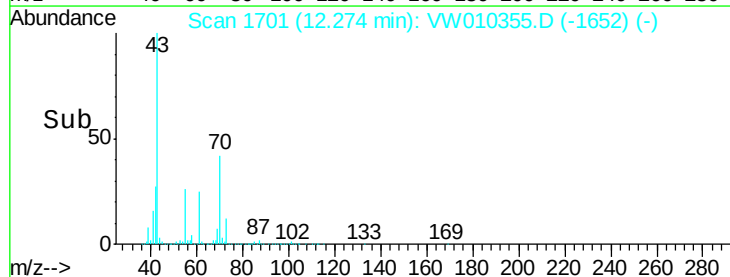
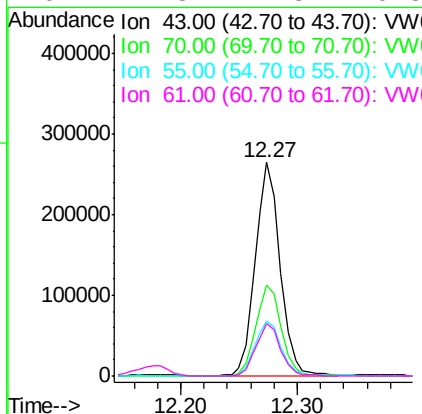
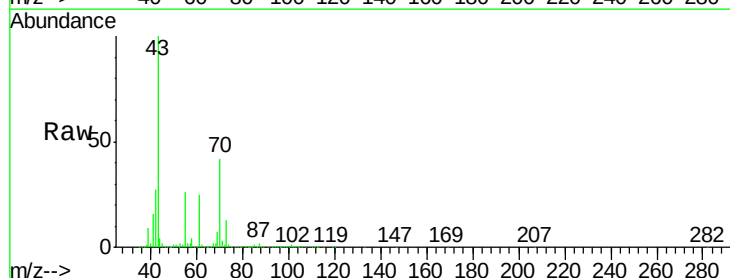
Manual Integrations
APPROVED

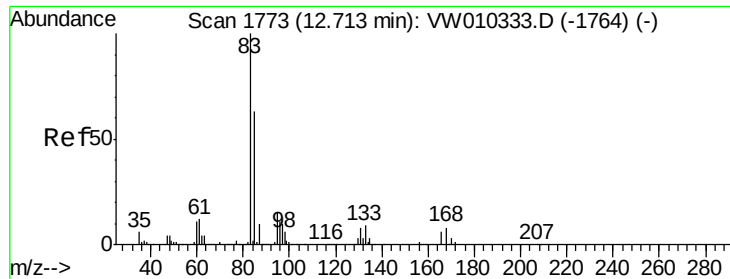
MMDadoda
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#74
N-ethyl acetate
Concen: 20.999 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW010355.D
Acq: 10 May 2019 14:43

Tgt Ion: 43 Resp: 391786
Ion Ratio Lower Upper
43 100
70 44.3 31.3 46.9
55 27.3 20.0 30.0
61 24.8 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 20.055 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW010355.D

Acq: 10 May 2019 14:43

Instrument :

MSVOA_W

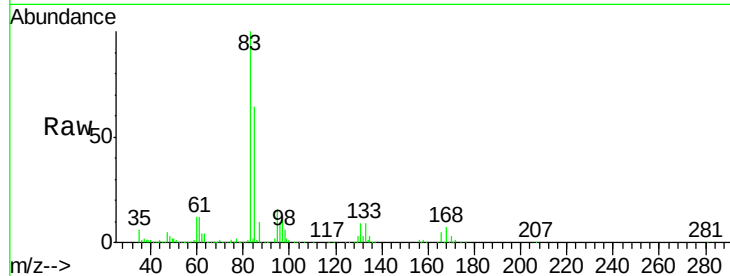
ClientSampleId :

VW0510SBSD01

Tot Ion	83	Resp	319121
Ion Ratio	Lower	Upper	
83	100		
131	9.8	5.3	15.8
85	63.6	32.0	96.2

Manual Integrations
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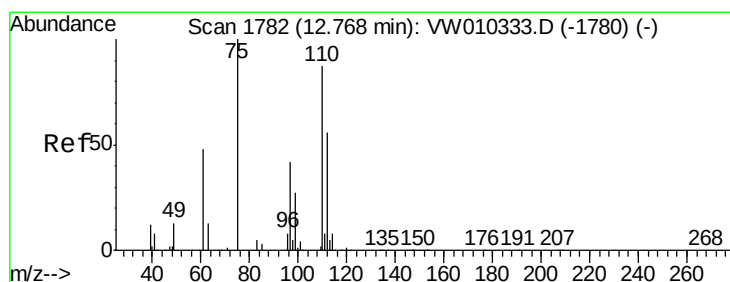
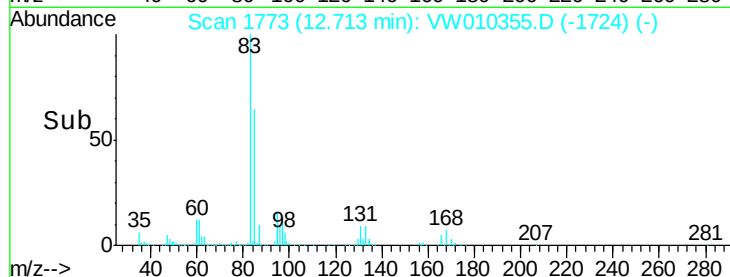
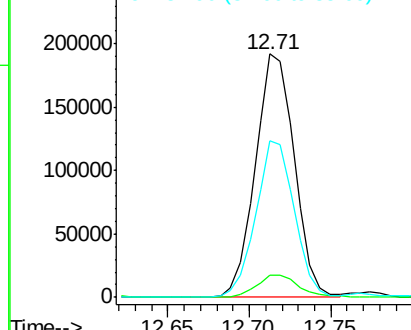
MMDadoda
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Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 19.512 ug/l m

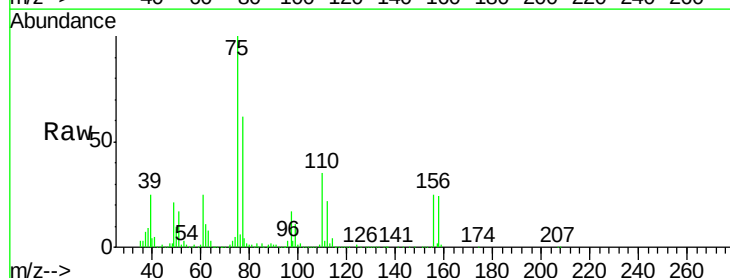
RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW010355.D

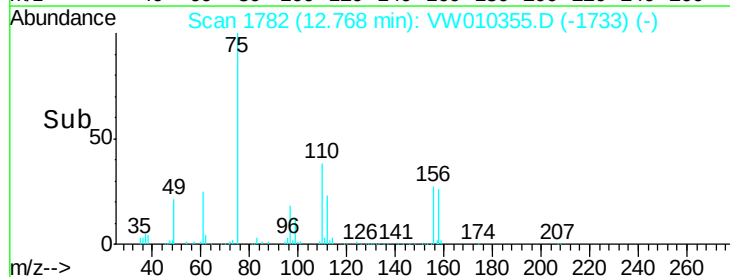
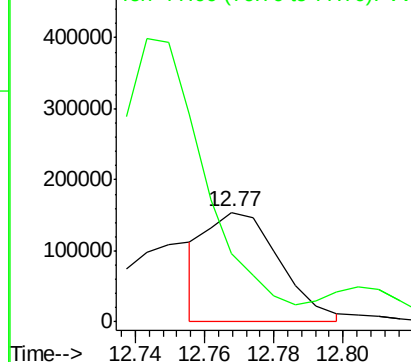
Acq: 10 May 2019 14:43

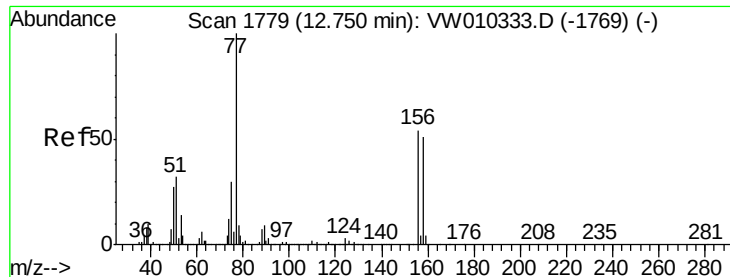
Tgt Ion	75	Resp	225396
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





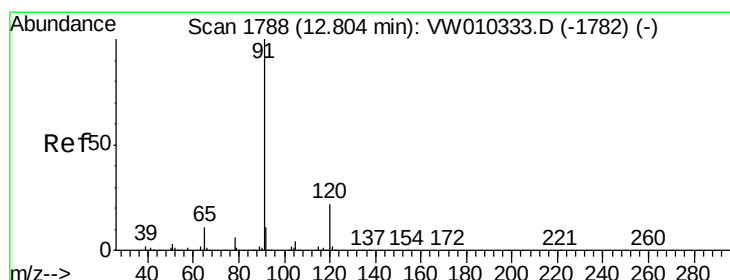
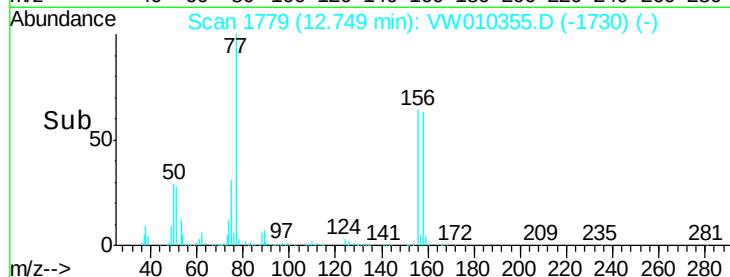
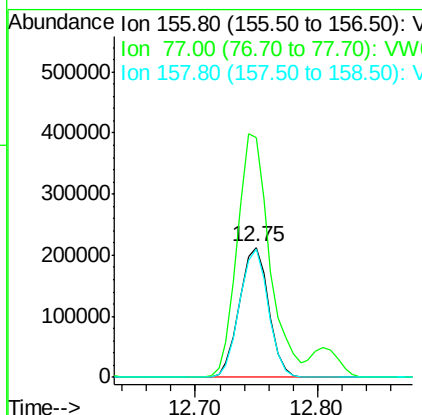
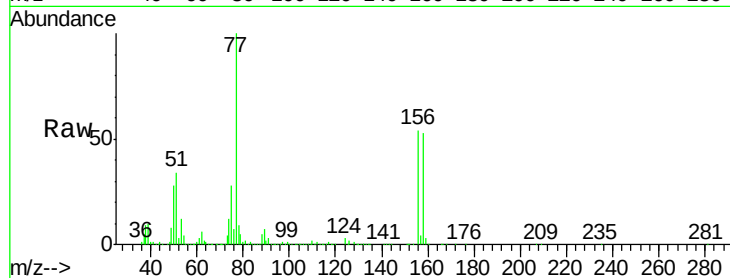
#77
Bromobenzene
Concen: 21.650 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. -0.00 min
Lab File: VW010355.D
Acq: 10 May 2019 14:43

Instrument :
MSVOA_W
ClientSampleId :
VW0510SBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	207.2	102.5	307.4
158	96.9	48.8	146.4

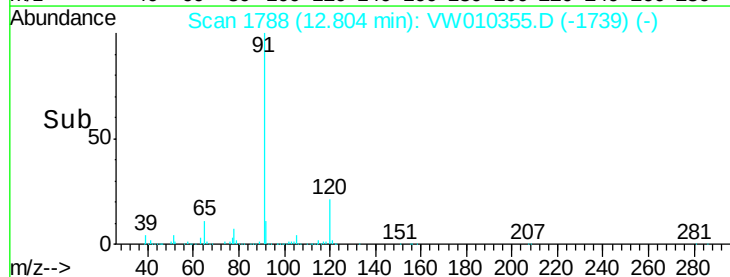
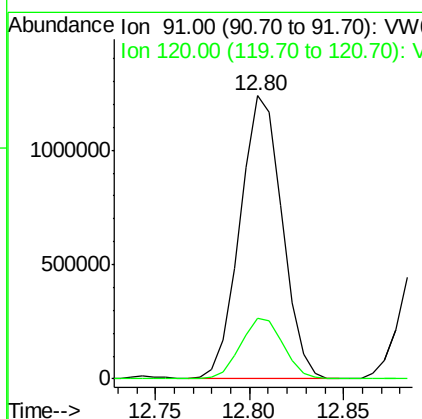
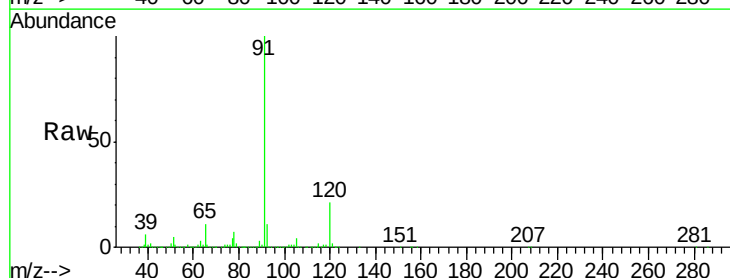
Manual Integrations
APPROVED

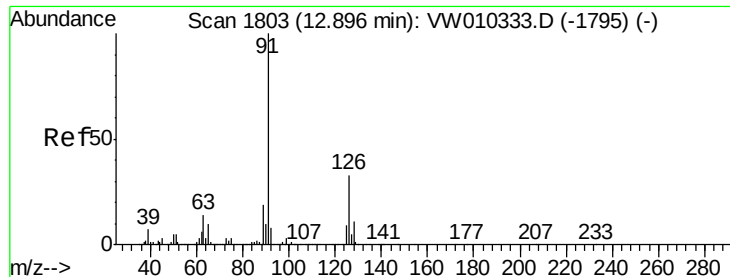
MMDadoda
5/11/2019 12:12:11 PM



#78
n-propylbenzene
Concen: 21.472 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.00 min
Lab File: VW010355.D
Acq: 10 May 2019 14:43

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.8	11.1	33.1





#79

2-Chlorotoluene

Concen: 21.493 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW010355.D

Acq: 10 May 2019 14:43

Instrument :

MSVOA_W

ClientSampleId :

VW0510SBSD01

Tot Ion: 91 Resp: 1091751

Ion Ratio Lower Upper

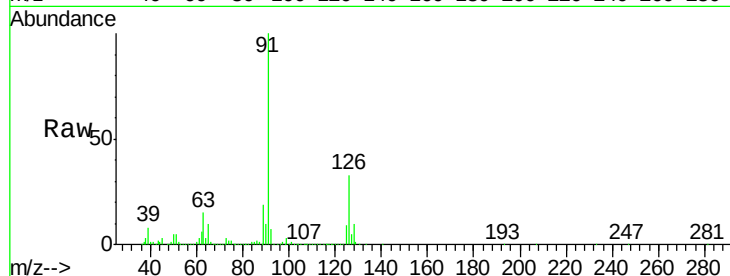
91 100

126 32.0 16.3 48.8

Manual Integrations
APPROVED

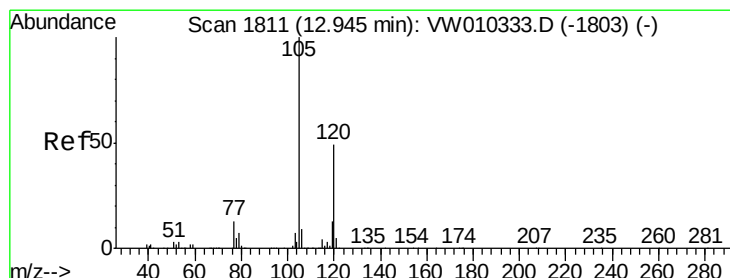
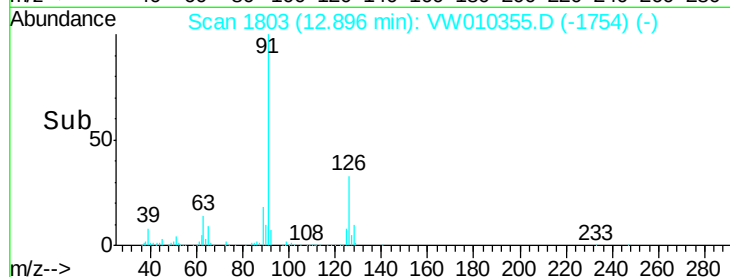
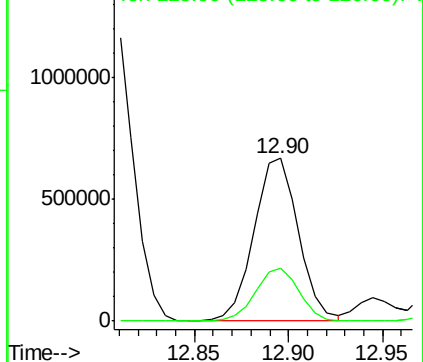
MMDadoda

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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: 21.580 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW010355.D

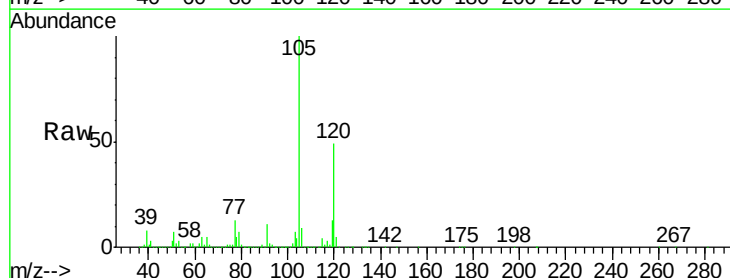
Acq: 10 May 2019 14:43

Tgt Ion: 105 Resp: 1313843

Ion Ratio Lower Upper

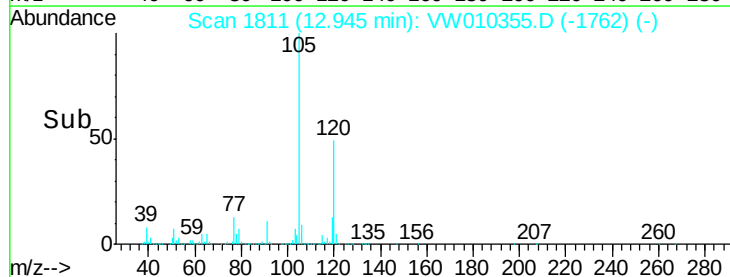
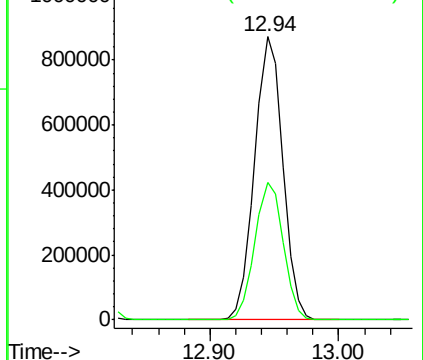
105 100

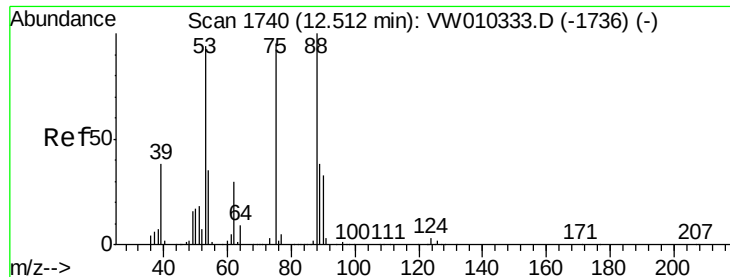
120 49.0 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





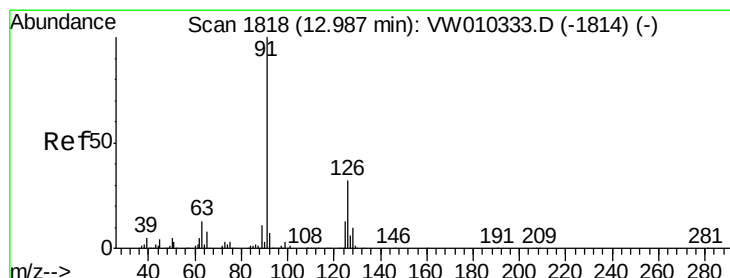
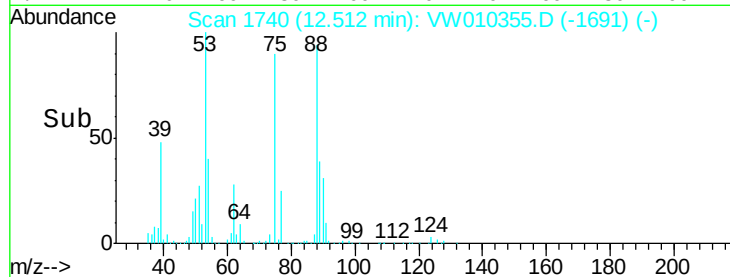
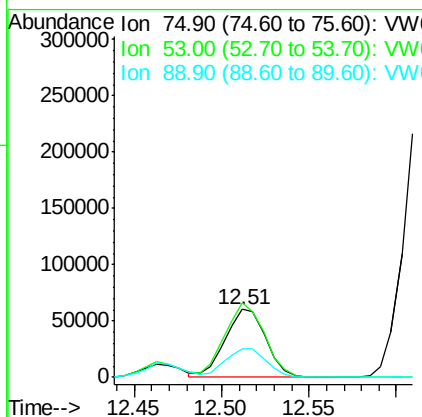
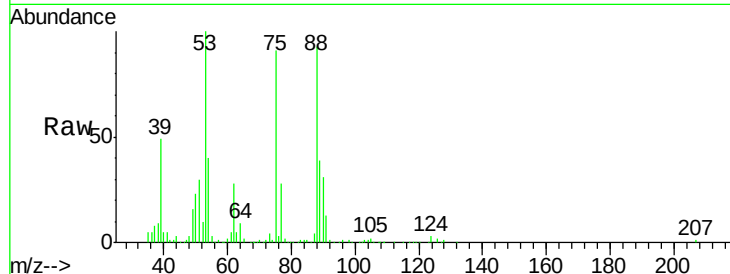
#81
trans-1,4-Dichloro-2-butene
Concen: 18.929 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW010355.D
Acq: 10 May 2019 14:43

Instrument :
MSVOA_W
ClientSampleId :
VW0510SBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	107.1	89.8	134.8
89	43.4	36.6	54.8

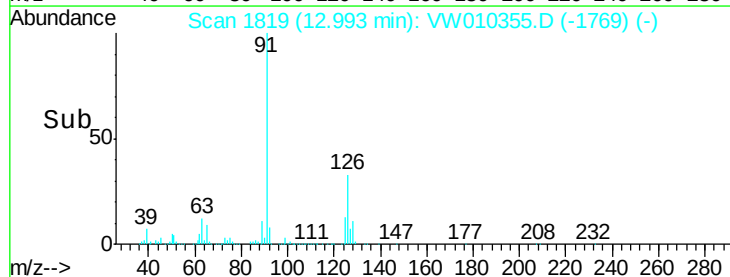
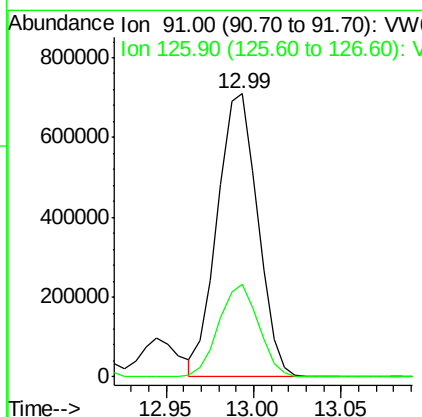
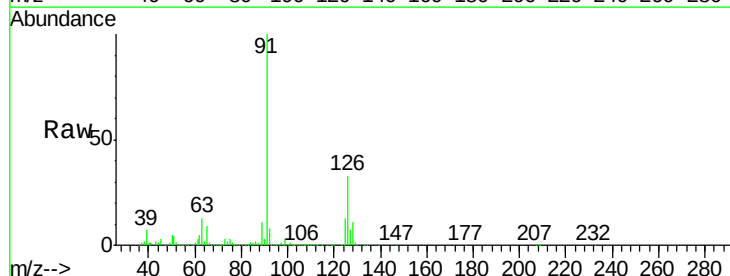
Manual Integrations
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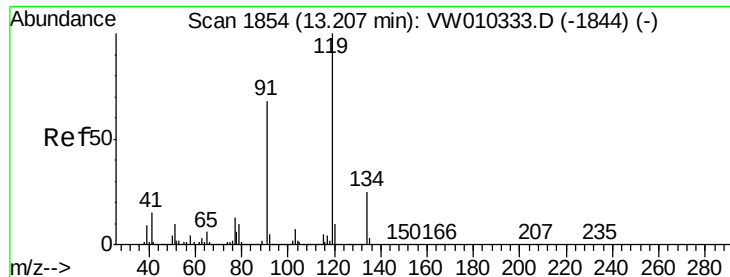
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#82
4-Chlorotoluene
Concen: 21.463 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.01 min
Lab File: VW010355.D
Acq: 10 May 2019 14:43

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.4	16.4	49.1





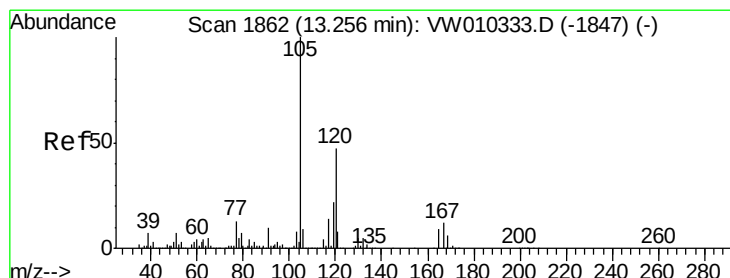
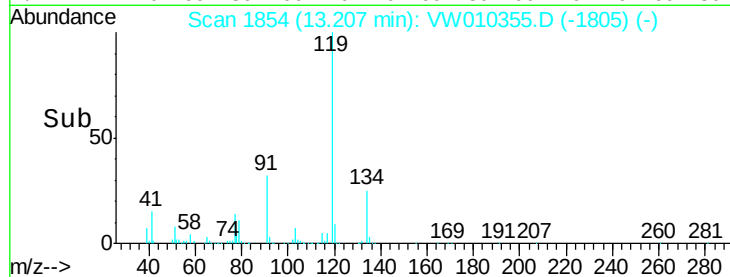
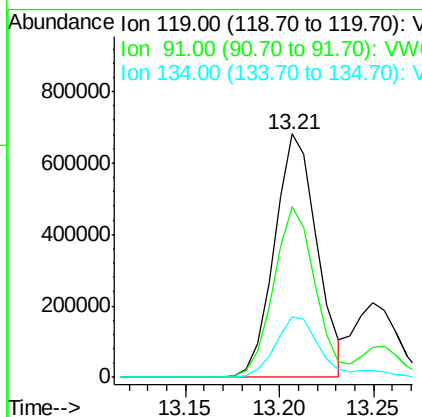
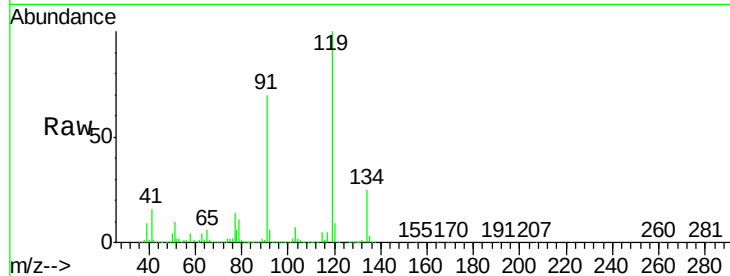
#83
 tert-Butylbenzene
 Concen: 20.935 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW010355.D
 Acq: 10 May 2019 14:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0510SBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	69.4	34.8	104.4
134	27.4	13.7	41.1

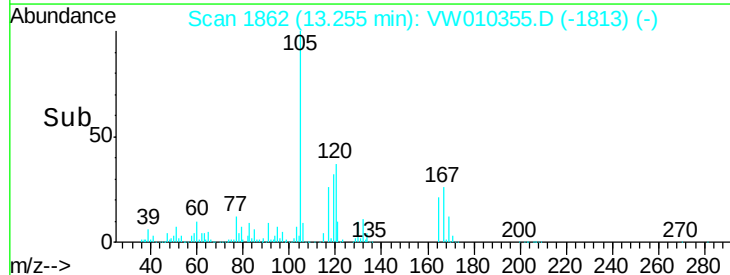
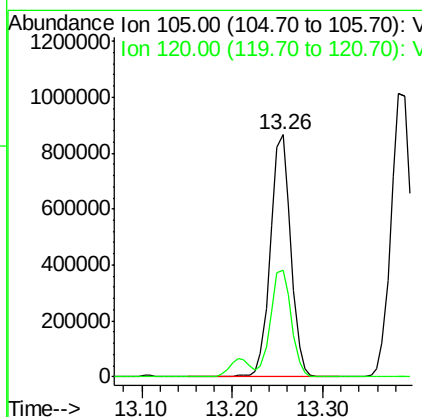
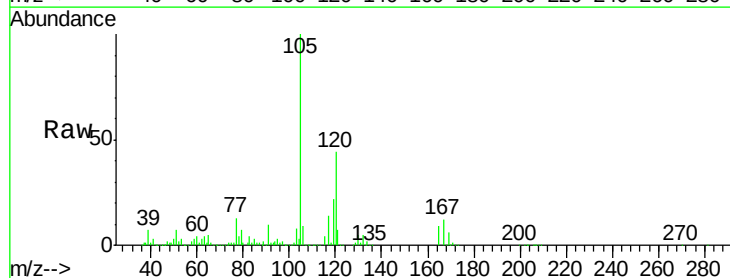
Manual Integrations
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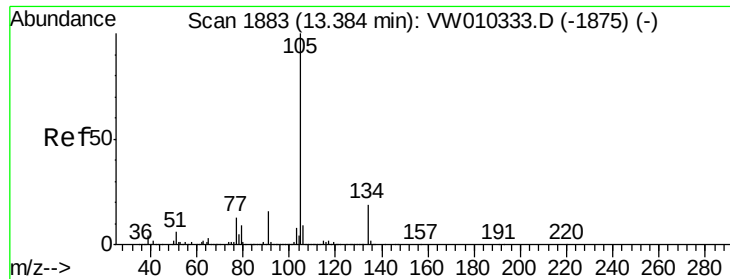
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#84
 1,2,4-Trimethylbenzene
 Concen: 22.259 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW010355.D
 Acq: 10 May 2019 14:43

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.8	22.6	67.7





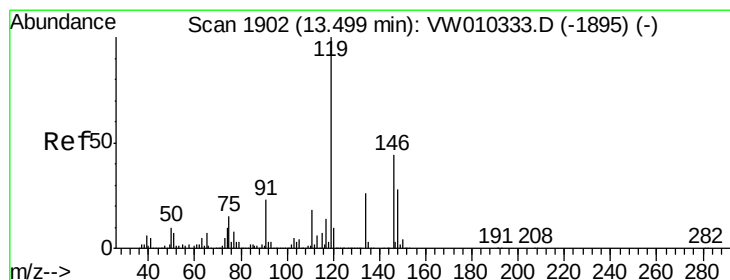
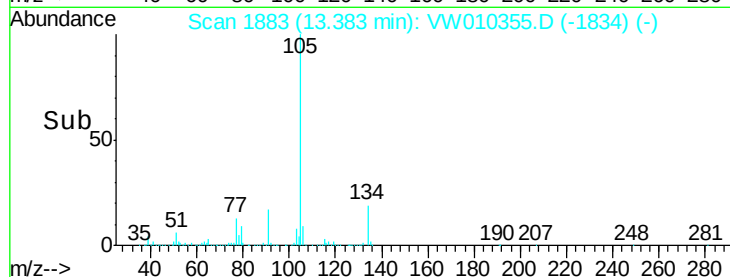
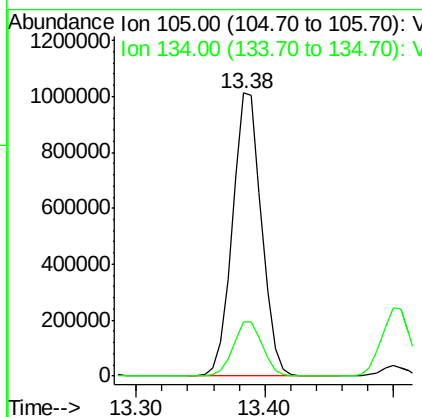
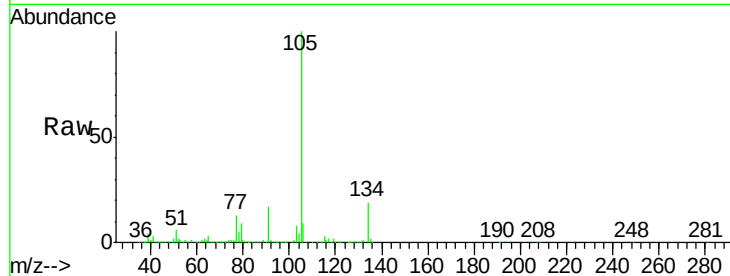
#85
 sec-Butylbenzene
 Concen: 21.104 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW010355.D
 Acq: 10 May 2019 14:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0510SBS01

Tot Ion:105 Resp: 1582069
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.5

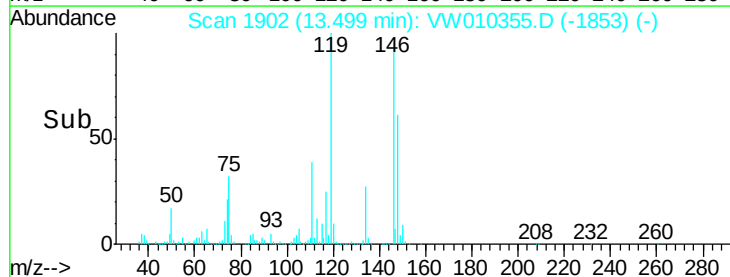
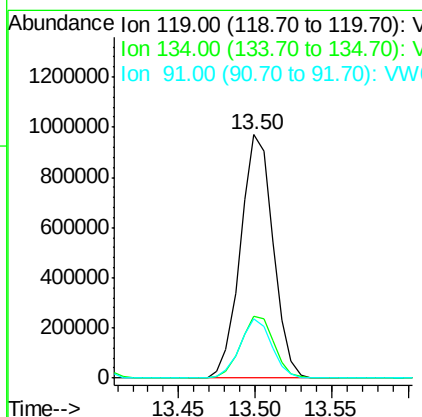
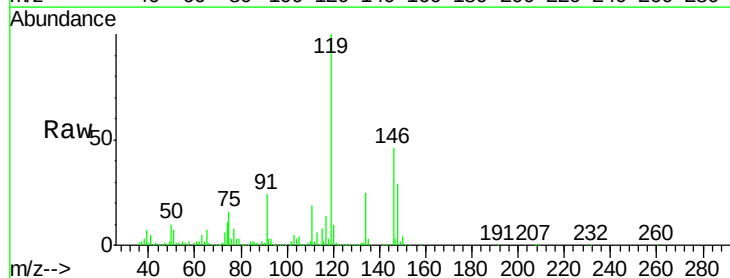
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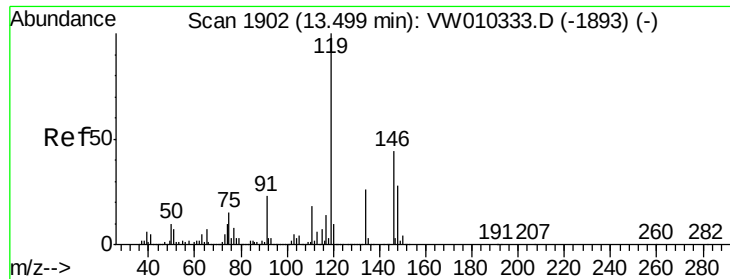
MMDadoda
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#86
 p-Isopropyltoluene
 Concen: 21.567 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW010355.D
 Acq: 10 May 2019 14:43

Tgt Ion:119 Resp: 1435532
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.0 38.9
 91 23.6 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 21.775 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW010355.D

Acq: 10 May 2019 14:43

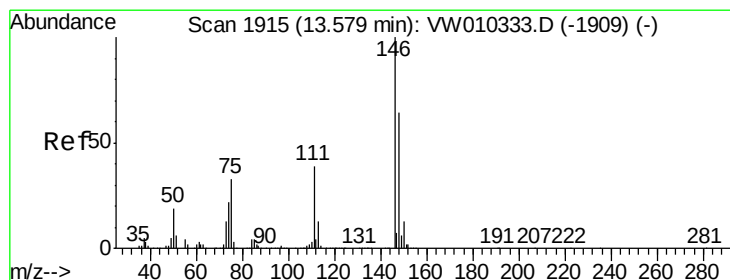
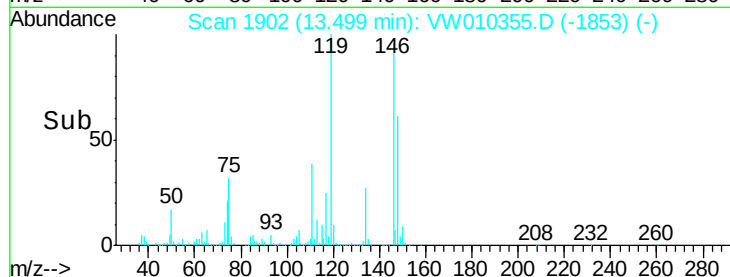
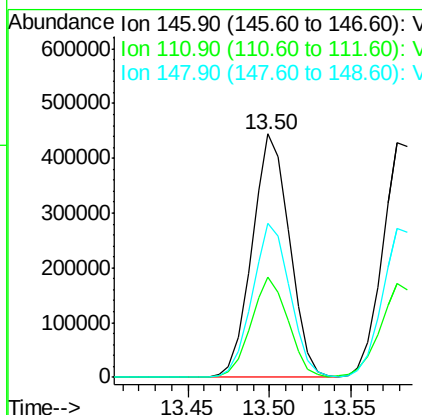
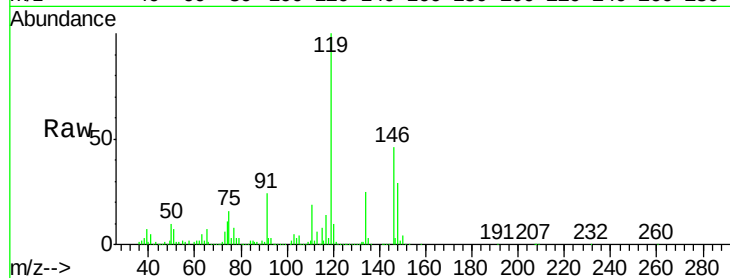
Instrument :
MSVOA_W

ClientSampleId :
VW0510SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.3	61.0
148	63.4	32.0	96.2

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 21.535 ug/l

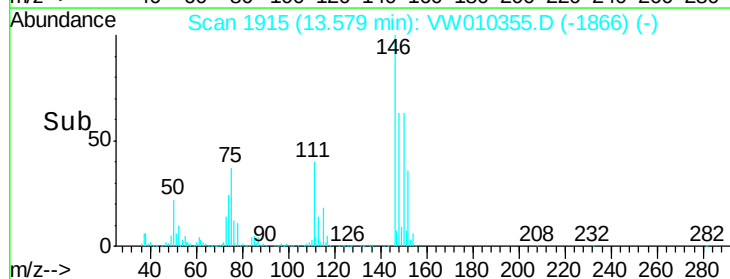
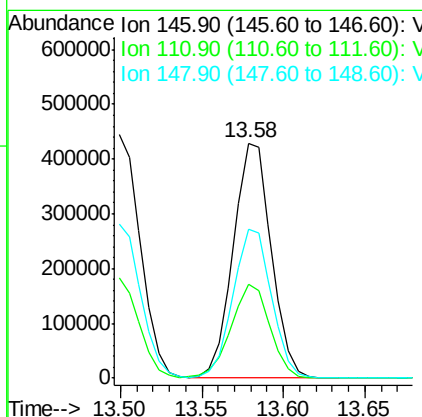
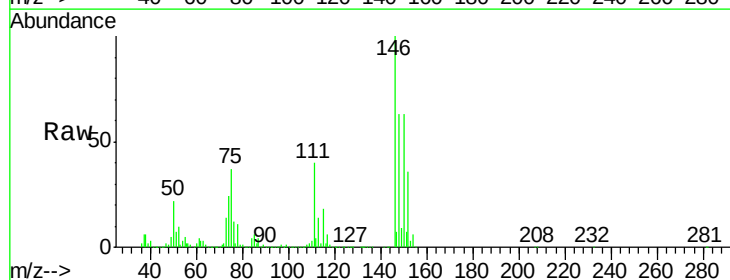
RT: 13.58 min Scan# 1915

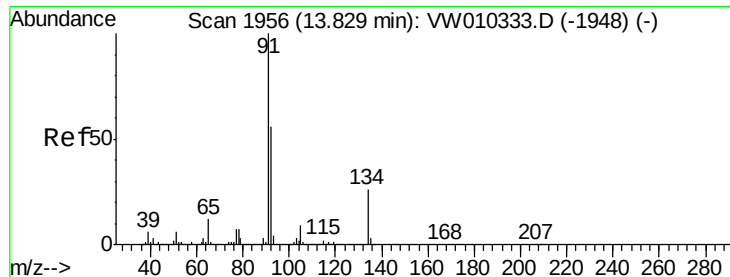
Delta R.T. -0.00 min

Lab File: VW010355.D

Acq: 10 May 2019 14:43

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.1	60.3
148	64.3	31.8	95.3





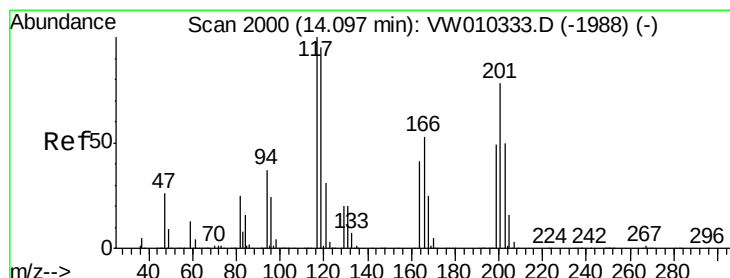
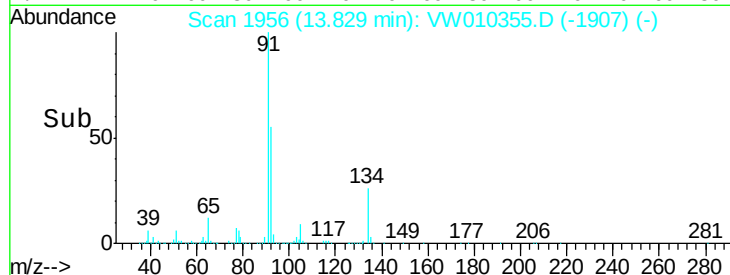
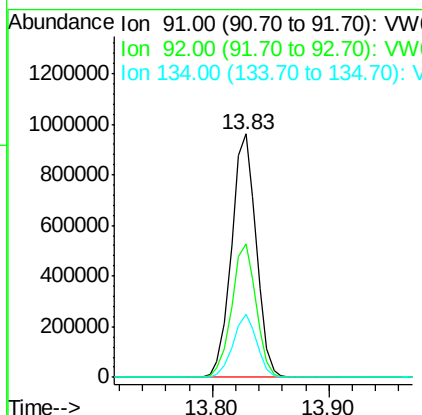
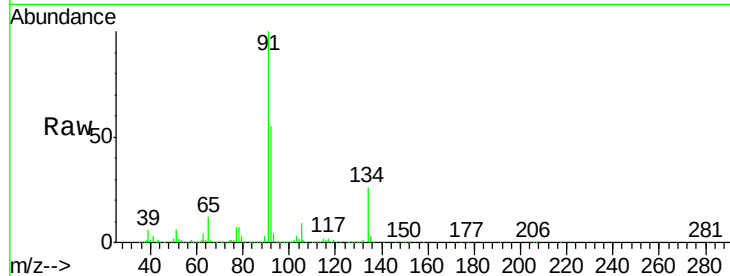
#89
n-Butylbenzene
Concen: 21.199 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW010355.D
Acq: 10 May 2019 14:43

Instrument :
MSVOA_W
ClientSampleId :
VW0510SBSD01

Tot Ion: 91 Resp: 1414839
Ion Ratio Lower Upper
91 100
92 54.0 26.5 79.4
134 25.0 12.4 37.0

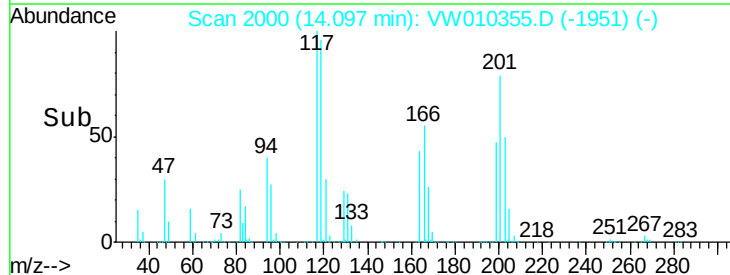
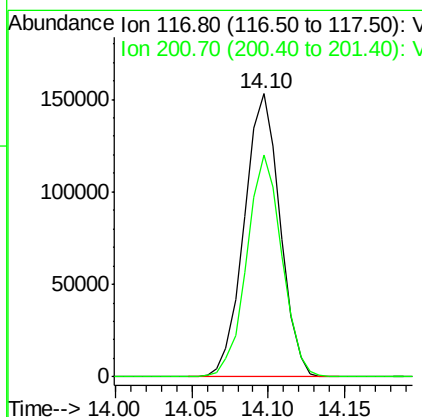
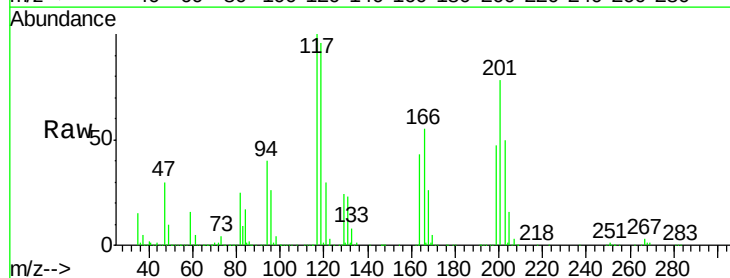
Manual Integrations
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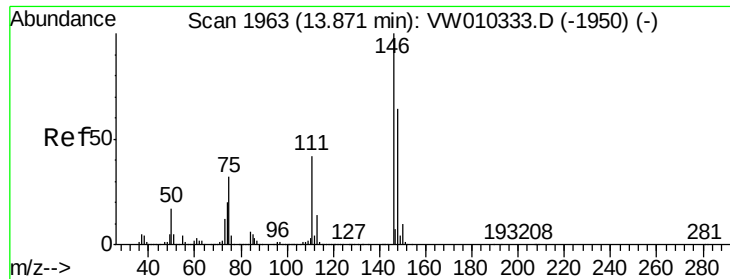
MMDadoda
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#90
Hexachloroethane
Concen: 20.108 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW010355.D
Acq: 10 May 2019 14:43

Tgt Ion: 117 Resp: 248244
Ion Ratio Lower Upper
117 100
201 77.3 36.1 108.3





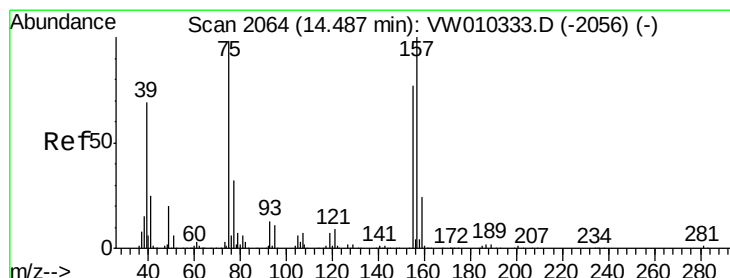
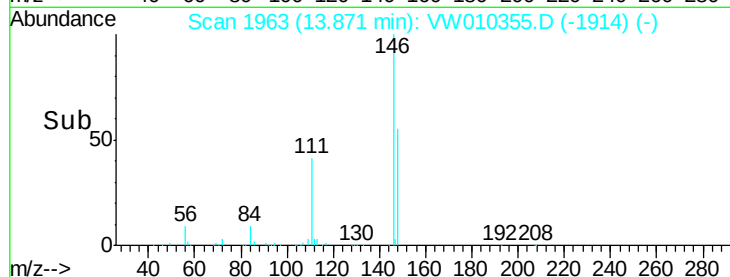
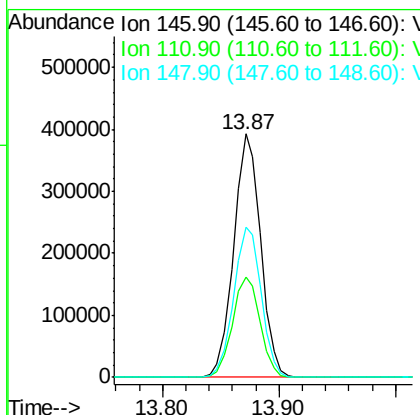
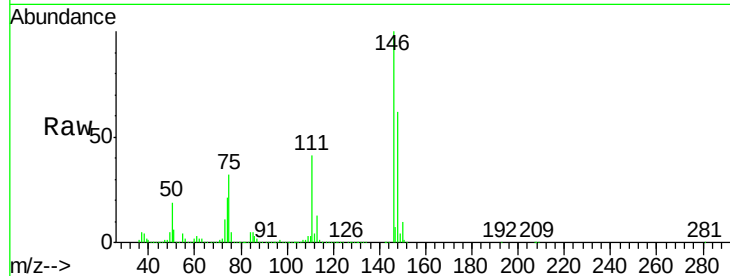
#91
 1,2-Dichlorobenzene
 Concen: 21.921 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW010355.D
 Acq: 10 May 2019 14:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0510SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.4	20.9	62.8
148	63.0	31.9	95.7

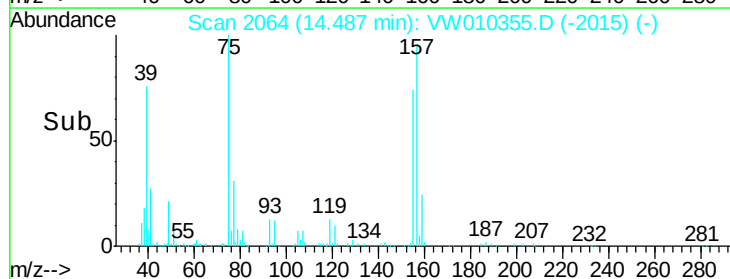
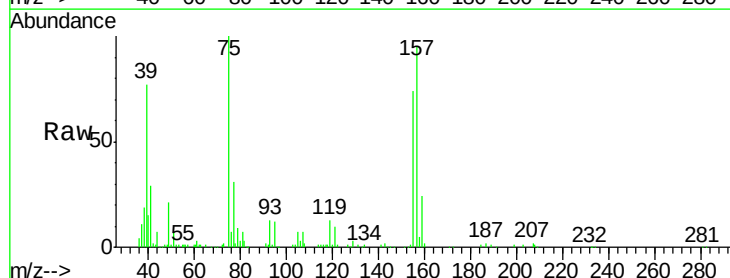
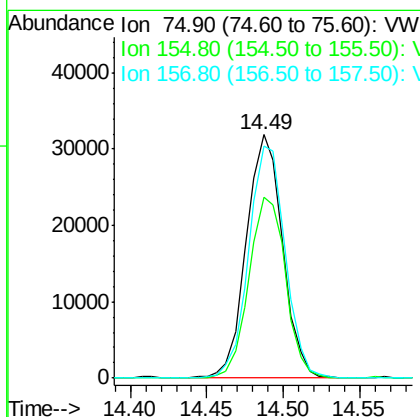
Manual Integrations
 APPROVED

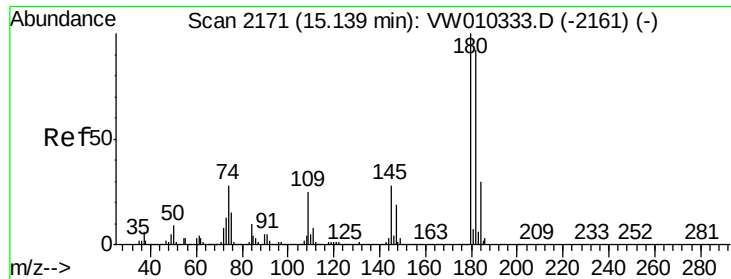
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.364 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW010355.D
 Acq: 10 May 2019 14:43

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.2	37.1	111.5
157	96.2	47.3	141.9





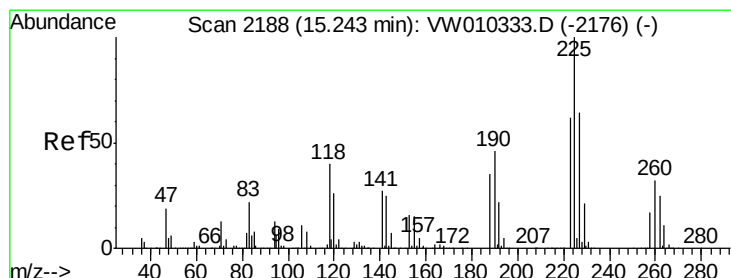
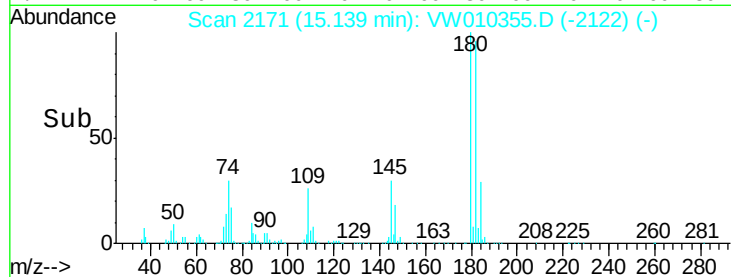
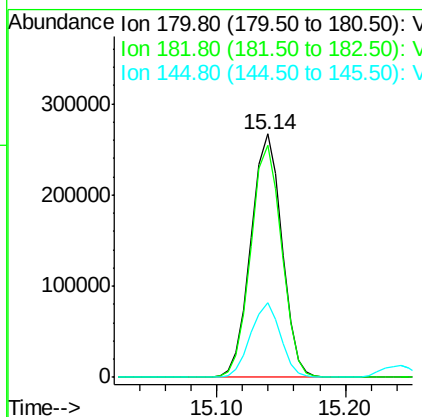
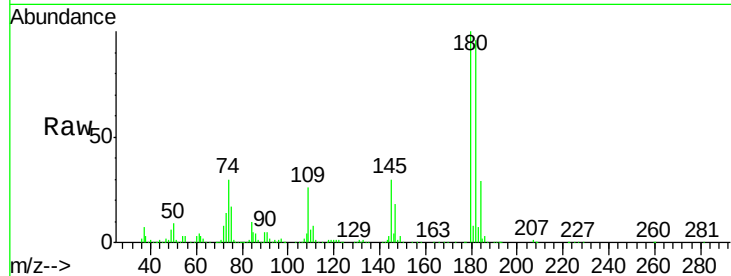
#93
 1,2,4-Trichlorobenzene
 Concen: 22.488 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW010355.D
 Acq: 10 May 2019 14:43

Instrument :
 MSVOA_W
 ClientSampled :
 VW0510SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	442382		
182	95.2	47.1	141.4	
145	29.7	15.2	45.6	

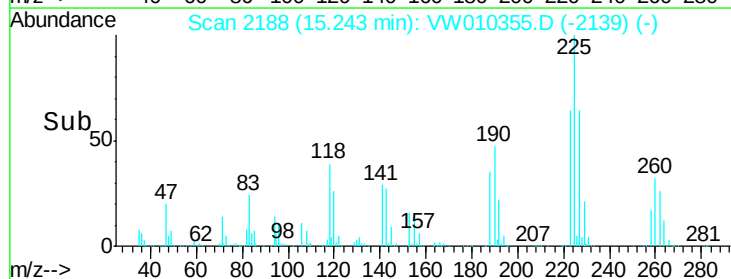
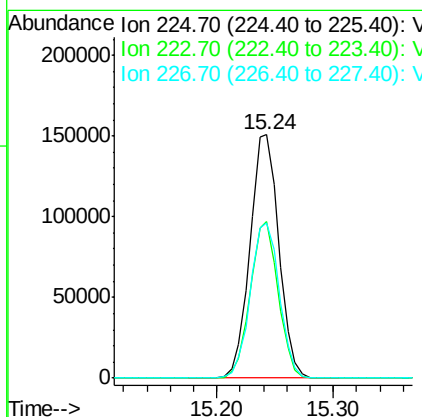
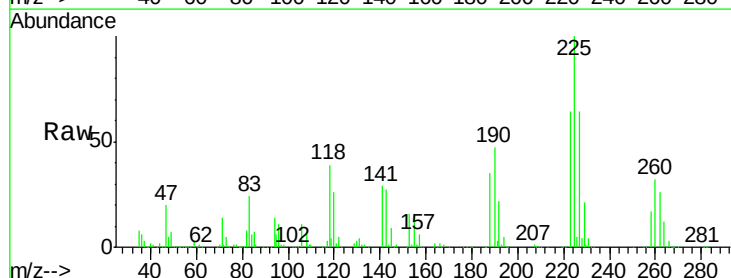
Manual Integrations
 APPROVED

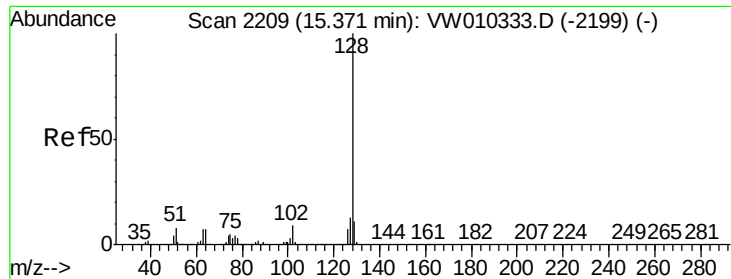
MMDadoda
 5/11/2019 12:12:11 PM



#94
 Hexachlorobutadiene
 Concen: 20.666 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW010355.D
 Acq: 10 May 2019 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	260630		
223	62.3	31.9	95.5	
227	64.1	31.8	95.3	





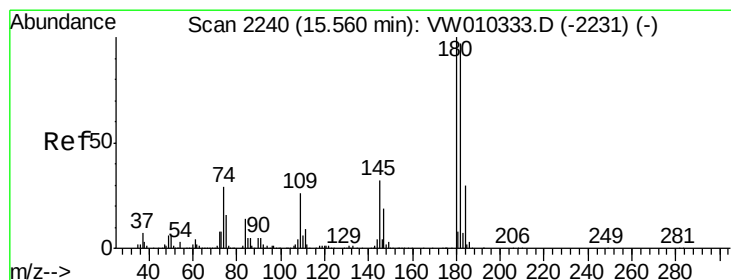
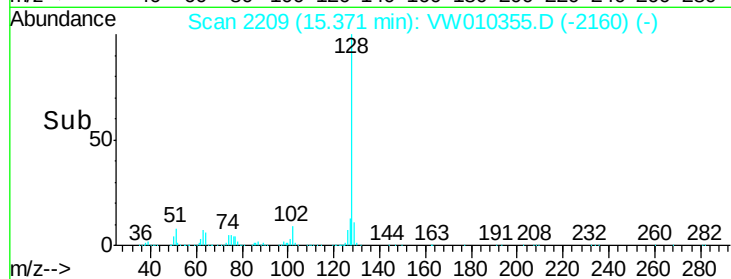
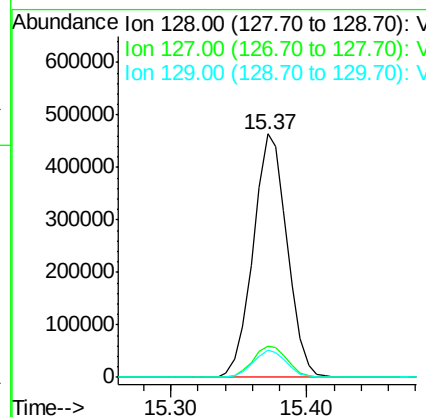
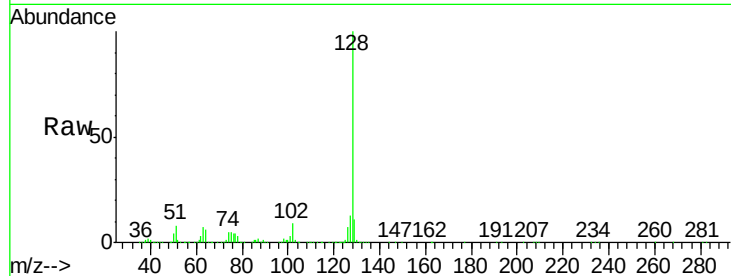
#95
Naphthalene
Concen: 20.368 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW010355.D
Acq: 10 May 2019 14:43

Instrument :
MSVOA_W
ClientSampleId :
VW0510SBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.6	15.8
129	10.8	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
5/11/2019 12:12:11 PM



#96
1,2,3-Trichlorobenzene
Concen: 21.951 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW010355.D
Acq: 10 May 2019 14:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.8	143.3
145	31.9	16.4	49.2

