

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021119\
 Data File : VW008605.D
 Acq On : 11 Feb 2019 18:41
 Operator : SY/VA
 Sample : K1457-06MSD
 Misc : 5.87G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-10(0-5)MSD

Manual Integrations
 APPROVED

MMDadoda
 2/12/2019 1:43:22 PM

Quant Time: Feb 12 05:26:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 25 11:07:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	416703	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	670994	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	631624	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	344316	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	265595	64.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	129.76%	
35) Dibromofluoromethane	7.88	113	230114	58.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.30%	
50) Toluene-d8	10.32	98	886995	56.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.76%	
62) 4-Bromofluorobenzene	12.62	95	363549	60.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	125775	52.086	ug/l	99
3) Chloromethane	2.21	50	201700	59.298	ug/l	99
4) Vinyl Chloride	2.37	62	273387	63.139	ug/l	100
5) Bromomethane	2.78	94	176787	63.300	ug/l	99
6) Chloroethane	2.93	64	176609	66.693	ug/l	97
7) Trichlorofluoromethane	3.25	101	191372	50.737	ug/l	94
8) Diethyl Ether	3.67	74	138018	66.416	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	210365	55.816	ug/l	98
10) Methyl Iodide	4.26	142	313771	52.708	ug/l	97
11) Tert butyl alcohol	5.17	59	118768	360.350	ug/l	99
12) 1,1-Dichloroethene	4.03	96	200583	52.589	ug/l	93
13) Acrolein	3.88	56	49277	170.805	ug/l	100
14) Allyl chloride	4.65	41	391353	54.034	ug/l	95
15) Acrylonitrile	5.36	53	311503	347.141	ug/l	100
16) Acetone	4.12	43	293426	319.183	ug/l	100
17) Carbon Disulfide	4.37	76	538459	44.202	ug/l	98
18) Methyl Acetate	4.67	43	285526	116.447	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	445502	70.595	ug/l	99
20) Methylene Chloride	4.90	84	236238	55.754	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	230071	53.654	ug/l	99
22) Diisopropyl ether	6.31	45	818069	59.597	ug/l	99
23) Vinyl Acetate	6.25	43	1097156	135.363	ug/l	100
24) 1,1-Dichloroethane	6.21	63	440329	56.671	ug/l	99
25) 2-Butanone	7.17	43	448494	351.237	ug/l	97
26) 2,2-Dichloropropane	7.16	77	288083	54.852	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	264341	56.564	ug/l	97
28) Bromochloromethane	7.51	49	212088	59.429	ug/l	96
29) Tetrahydrofuran	7.52	42	297200	367.290	ug/l	99
30) Chloroform	7.67	83	454838	59.515	ug/l	99
31) Cyclohexane	7.95	56	370627	46.131	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	377717	57.222	ug/l	99
36) 1,1-Dichloropropene	8.08	75	336294	53.058	ug/l	100
37) Ethyl Acetate	7.25	43	179350	63.957	ug/l	100
38) Carbon Tetrachloride	8.06	117	349895	54.858	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	380501	45.698	ug/l	97
40) Benzene	8.32	78	958350	54.489	ug/l	98
41) Methacrylonitrile	7.48	41	107179	64.549	ug/l	92
42) 1,2-Dichloroethane	8.40	62	321395	63.057	ug/l	98
43) Isopropyl Acetate	8.42	43	388482	66.682	ug/l	99
44) Trichloroethene	9.09	130	252423	52.778	ug/l	95
45) 1,2-Dichloropropane	9.37	63	247984	56.548	ug/l	100
46) Dibromomethane	9.46	93	138424	61.371	ug/l	98
47) Bromodichloromethane	9.64	83	343036	57.499	ug/l	100
48) Methyl methacrylate	9.43	41	203631	71.484	ug/l	94
49) 1,4-Dioxane	9.45	88	46133	1210.025	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	1050605	365.026	ug/l	100
52) Toluene	10.38	92	662133	57.031	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	379451	59.773	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	406442	56.417	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	202401	64.694	ug/l	97
56) Ethyl methacrylate	10.65	69	252688	57.641	ug/l	96
57) 1,3-Dichloropropane	10.93	76	351773	62.762	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	752970	353.513	ug/l	100
59) 2-Hexanone	10.97	43	751254	369.735	ug/l	98
60) Dibromochloromethane	11.13	129	244260	60.754	ug/l	99
61) 1,2-Dibromoethane	11.23	107	195215	62.930	ug/l	98
64) Tetrachloroethene	10.86	164	237399	55.513	ug/l	98
65) Chlorobenzene	11.66	112	713100	55.306	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	270254	58.584	ug/l	98
67) Ethyl Benzene	11.73	91	1310063	55.275	ug/l	99
68) m/p-Xylenes	11.84	106	1009535	109.783	ug/l	98
69) o-Xylene	12.16	106	478799	54.799	ug/l	95
70) Styrene	12.18	104	813041	56.335	ug/l	98
71) Bromoform	12.35	173	162048	62.434	ug/l	99
73) Isopropylbenzene	12.46	105	1368131	53.298	ug/l	99
74) N-amyl acetate	12.27	43	336902	50.946	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	267323	65.779	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	192597m	64.337	ug/l	
77) Bromobenzene	12.75	156	301105	53.711	ug/l	95
78) n-propylbenzene	12.80	91	1612945	52.316	ug/l	100
79) 2-Chlorotoluene	12.90	91	932099	53.576	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	1150322	53.615	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	90288	59.569	ug/l	90
82) 4-Chlorotoluene	12.99	91	1006494	54.338	ug/l	100
83) tert-Butylbenzene	13.21	119	991914	51.952	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	1180176	54.117	ug/l	99
85) sec-Butylbenzene	13.38	105	1410709	51.737	ug/l	100
86) p-Isopropyltoluene	13.50	119	1234404	51.682	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	613759	54.211	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	609686	54.187	ug/l	100
89) n-Butylbenzene	13.83	91	1136812	48.476	ug/l	99
90) Hexachloroethane	14.10	117	234272	50.156	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	555153	55.417	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	49482	64.171	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	315525	44.137	ug/l	100
94) Hexachlorobutadiene	15.24	225	158167	36.712	ug/l	100
95) Naphthalene	15.37	128	691508	55.091	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	262908	43.355	ug/l	98

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

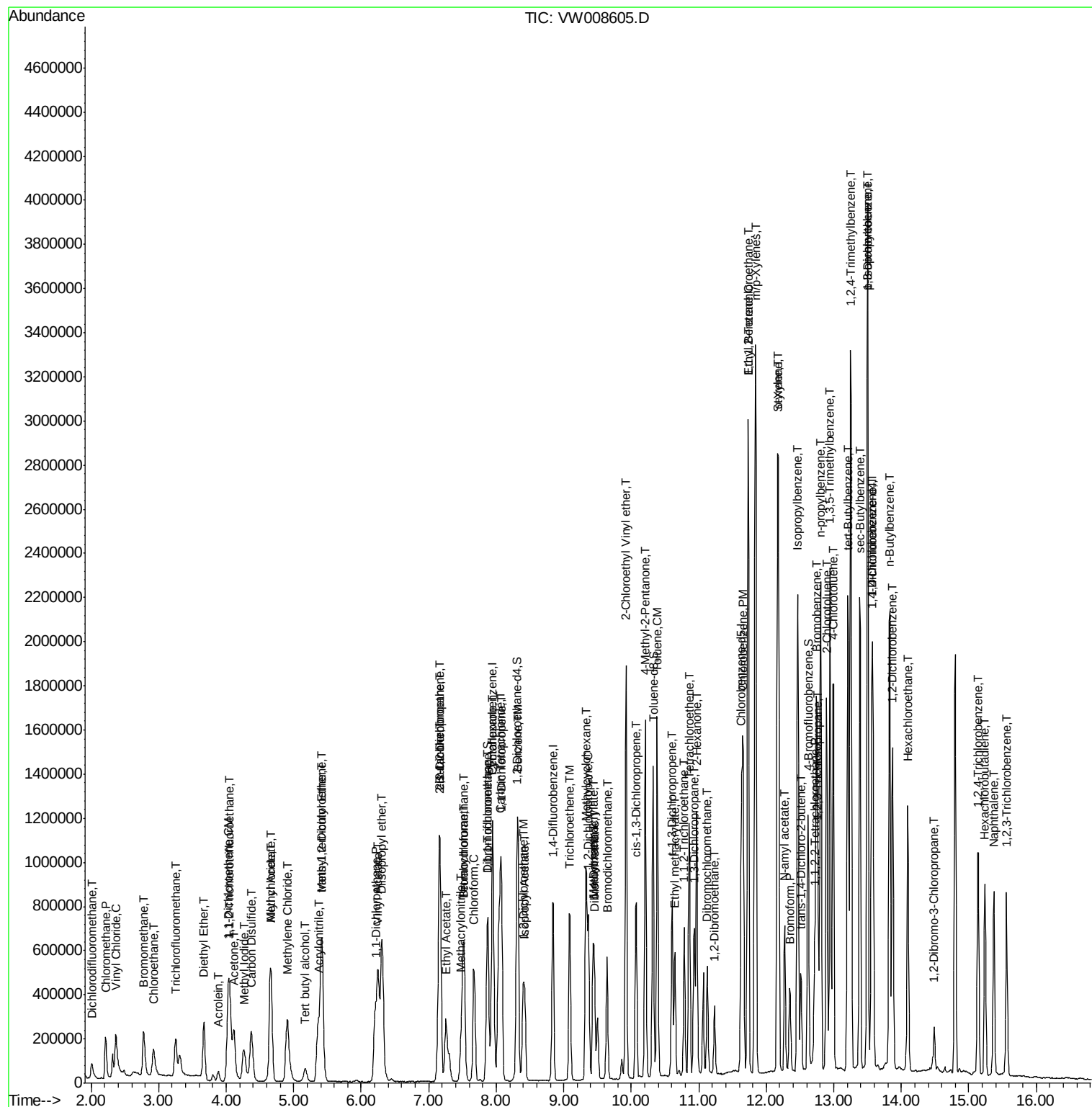
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW021119\
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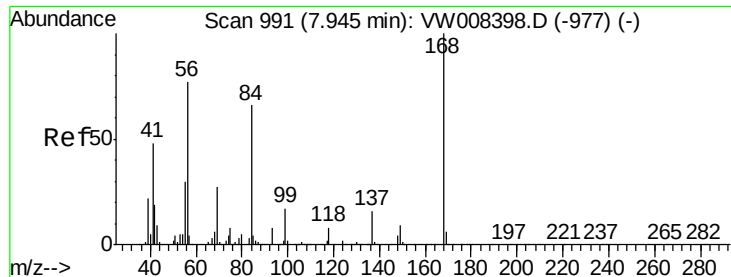
Instrument :
MSVOA_W
ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008605.D

Acq: 11 Feb 2019 18:41

Instrument :

MSVOA_W

ClientSampleId :

SB-10(0-5)MSD

Tot Ion:168 Resp: 416703

Ion Ratio Lower Upper

168 100

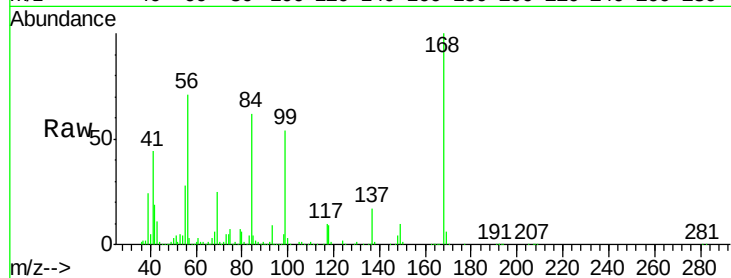
99 53.7 45.5 68.3

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

200000

150000

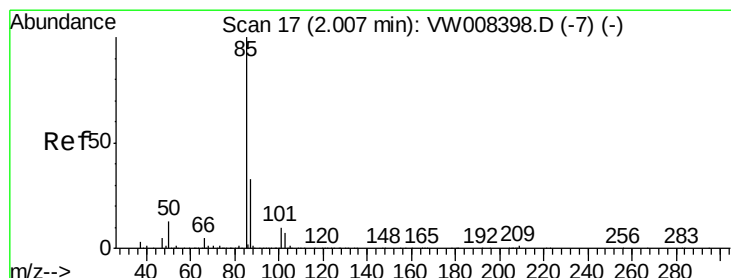
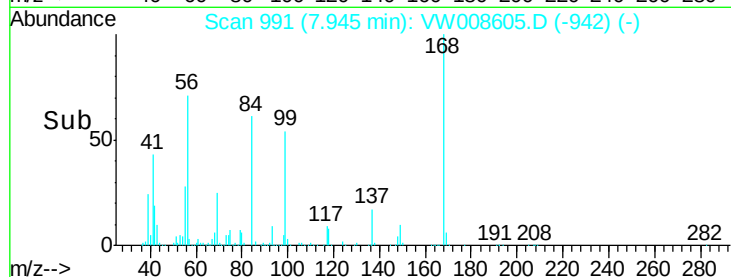
100000

50000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 52.086 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW008605.D

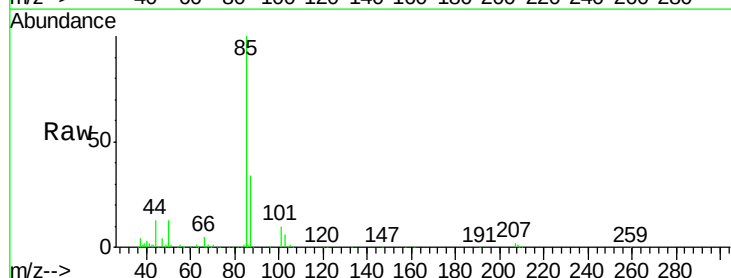
Acq: 11 Feb 2019 18:41

Tgt Ion: 85 Resp: 125775

Ion Ratio Lower Upper

85 100

87 34.2 16.7 50.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

40000

30000

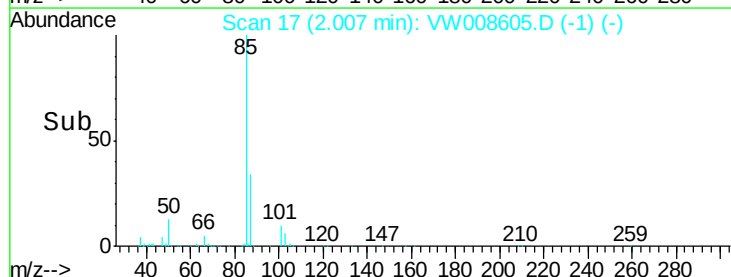
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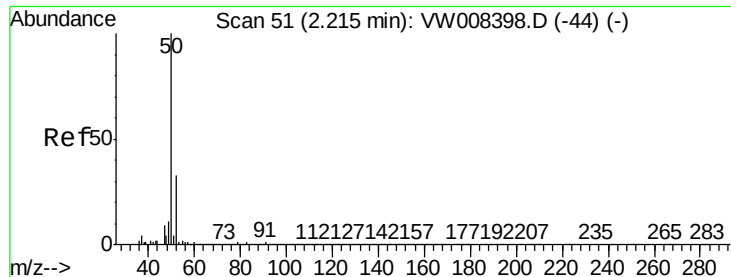
10000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 59.298 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW008605.D

Acq: 11 Feb 2019 18:41

Instrument :

MSVOA_W

ClientSampleId :

SB-10(0-5)MSD

Tot Ion: 50 Resp: 201700

Ion Ratio Lower Upper

50 100

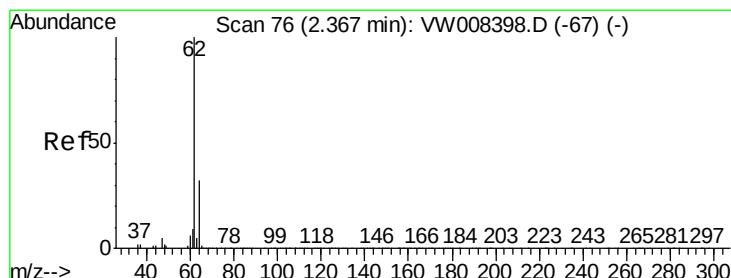
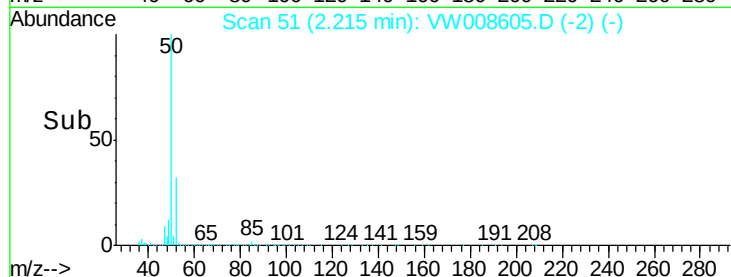
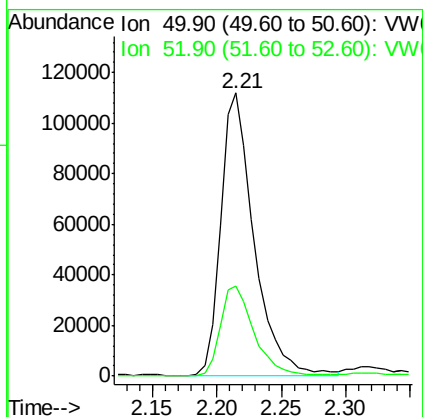
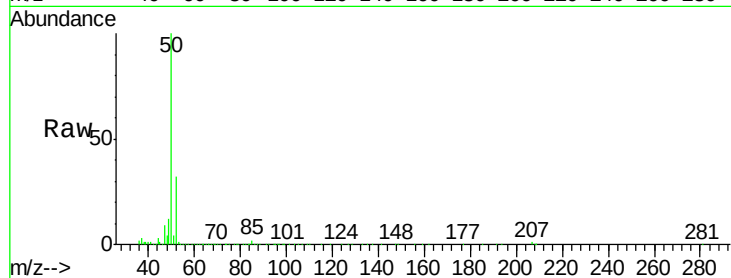
52 32.1 26.3 39.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 63.139 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW008605.D

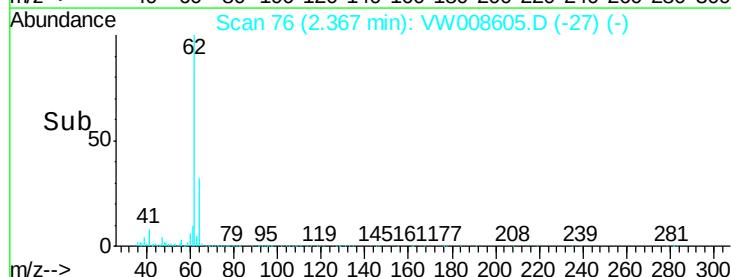
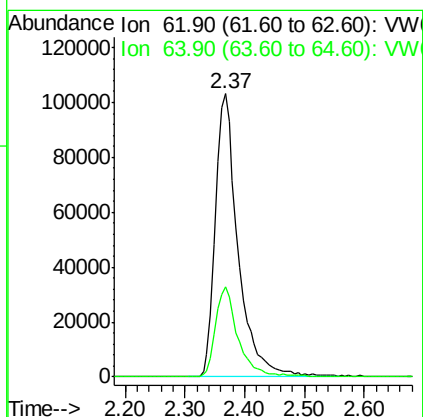
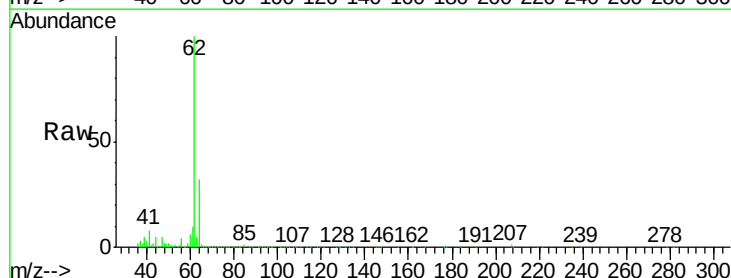
Acq: 11 Feb 2019 18:41

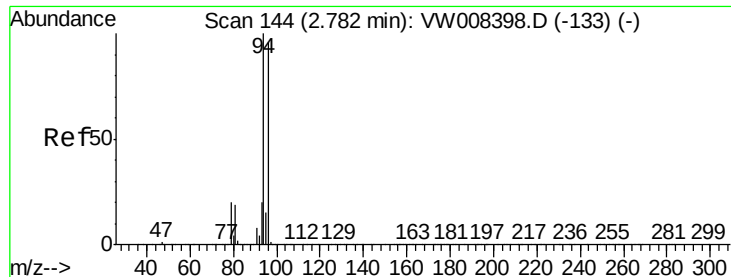
Tgt Ion: 62 Resp: 273387

Ion Ratio Lower Upper

62 100

64 32.0 25.5 38.3





#5

Bromomethane

Concen: 63.300 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW008605.D

Acq: 11 Feb 2019 18:41

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ClientSampleId :

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Tot Ion: 94 Resp: 176787

Ion Ratio Lower Upper

94 100

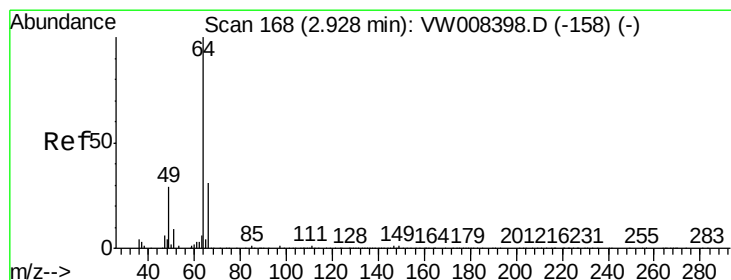
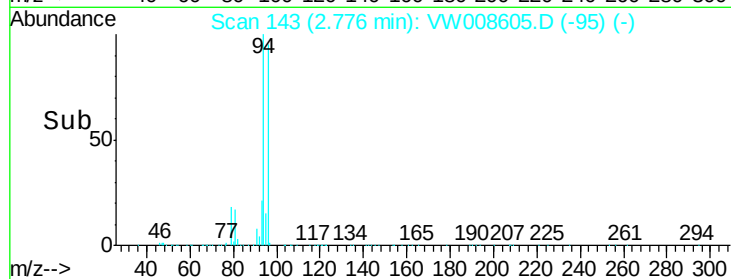
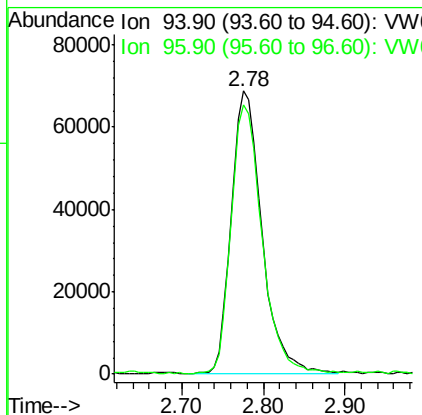
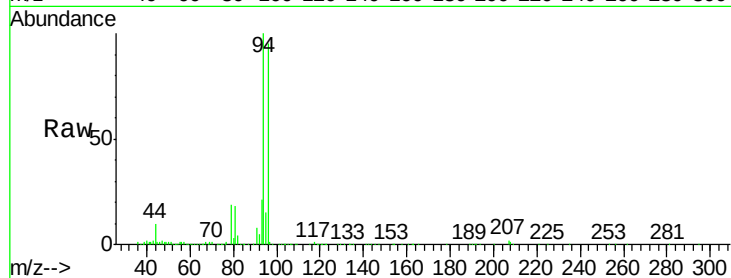
96 95.2 77.2 115.8

Manual Integrations

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#6

Chloroethane

Concen: 66.693 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW008605.D

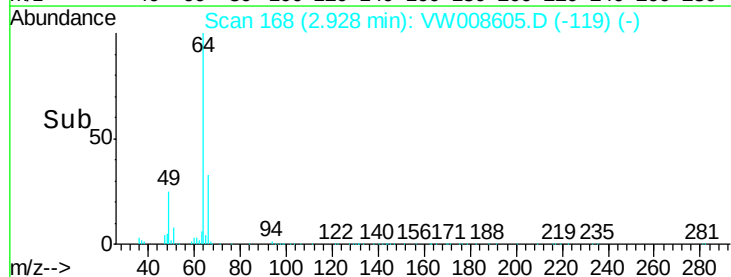
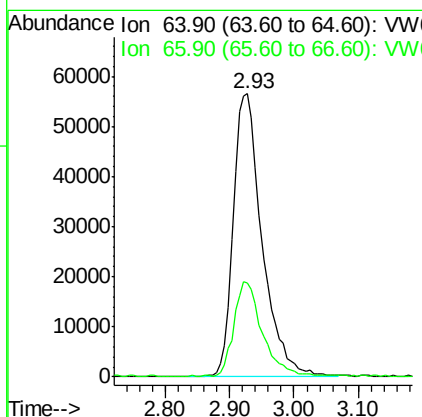
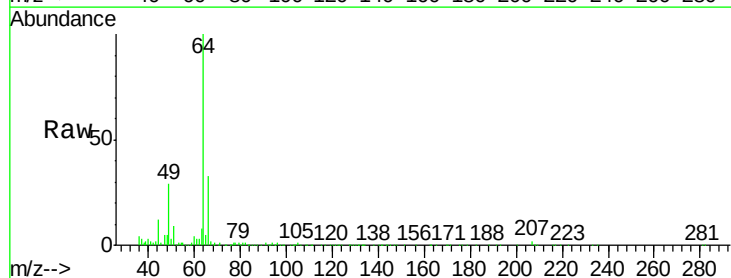
Acq: 11 Feb 2019 18:41

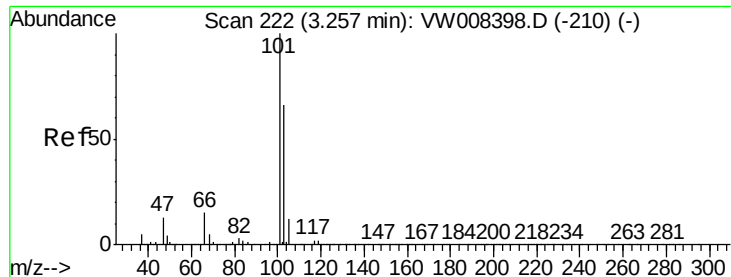
Tgt Ion: 64 Resp: 176609

Ion Ratio Lower Upper

64 100

66 32.9 24.9 37.3





#7

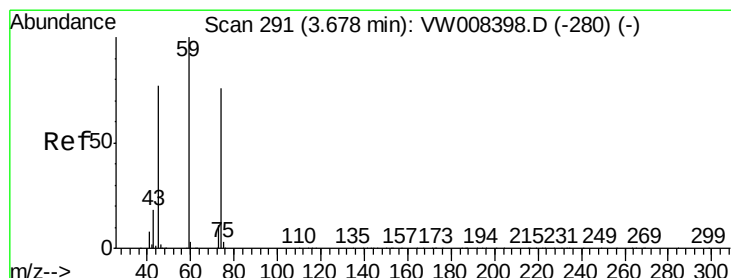
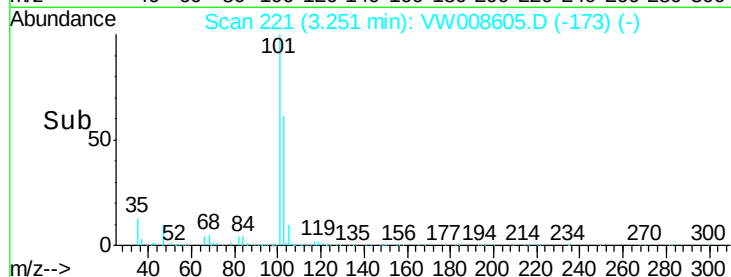
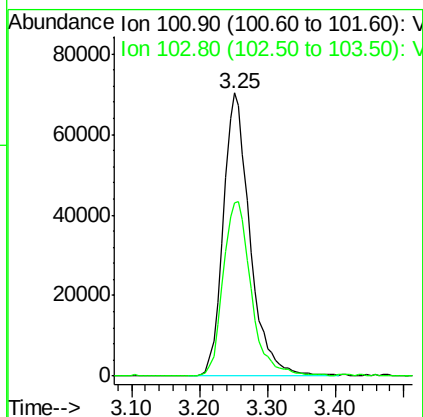
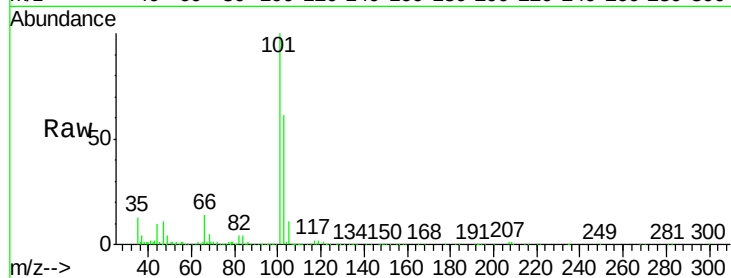
Trichlorofluoromethane
Concen: 50.737 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.01 min
Lab File: VW008605.D
Acq: 11 Feb 2019 18:41

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Tot Ion	Ratio	Lower	Upper
101	100		
103	61.0	52.5	78.7

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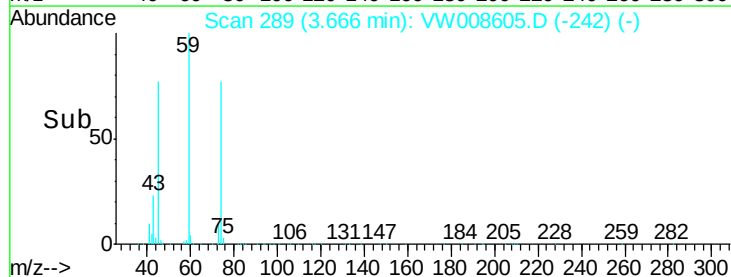
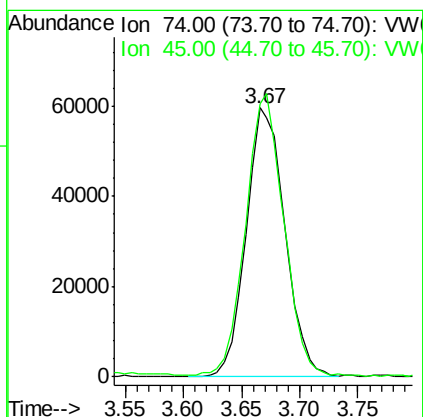
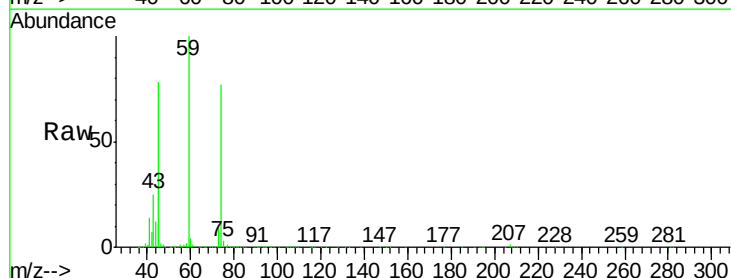
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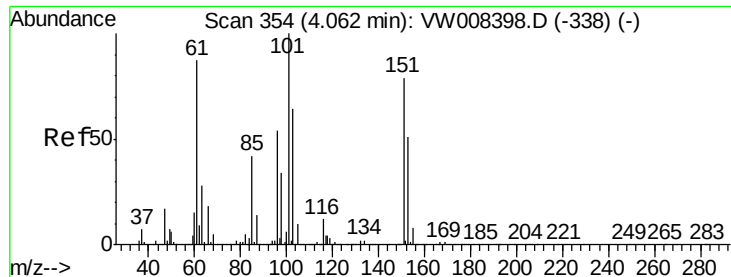


#8

Diethyl Ether
Concen: 66.416 ug/l
RT: 3.67 min Scan# 289
Delta R.T. -0.01 min
Lab File: VW008605.D
Acq: 11 Feb 2019 18:41

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.0	51.7	155.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 55.816 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW008605.D

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MSVOA_W

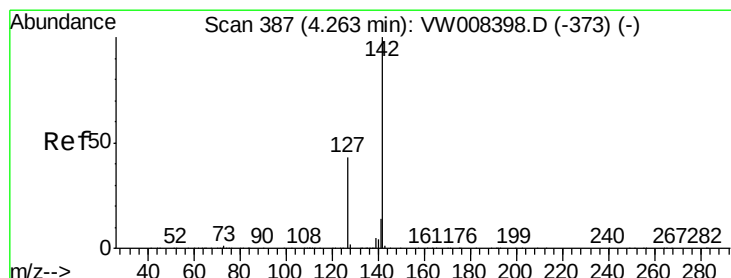
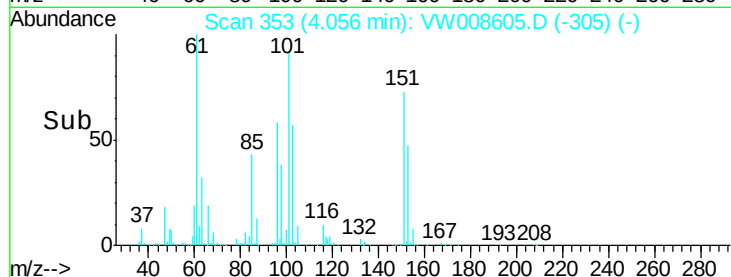
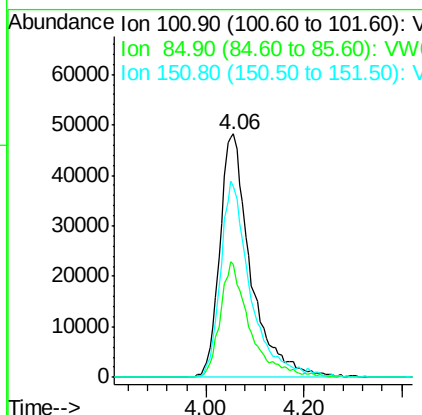
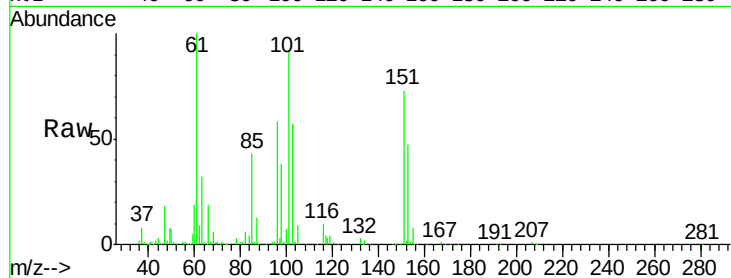
ClientSampleId :

SB-10(0-5)MSD

Tot Ion:	101	Resp:	210365
Ion Ratio	Lower	Upper	
101	100		
85	45.9	35.0	52.4
151	77.0	62.6	94.0

Manual Integrations
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MMDadoda
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#10

Methyl Iodide

Concen: 52.708 ug/l

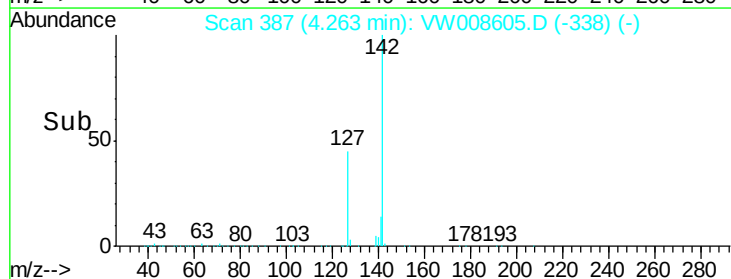
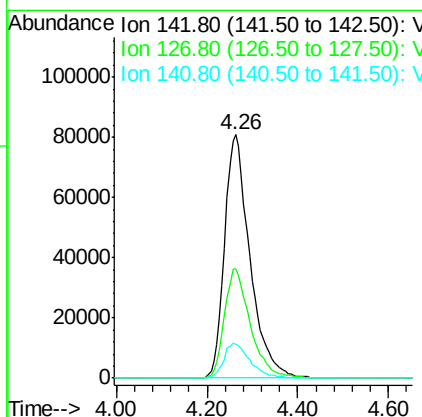
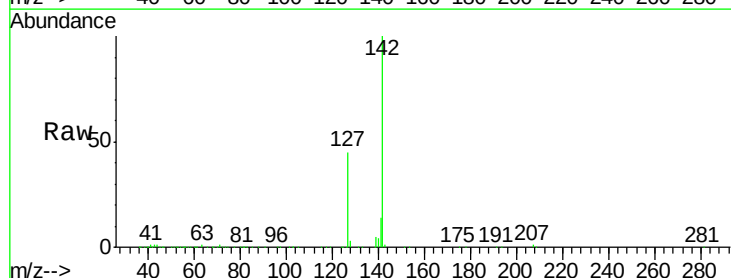
RT: 4.26 min Scan# 387

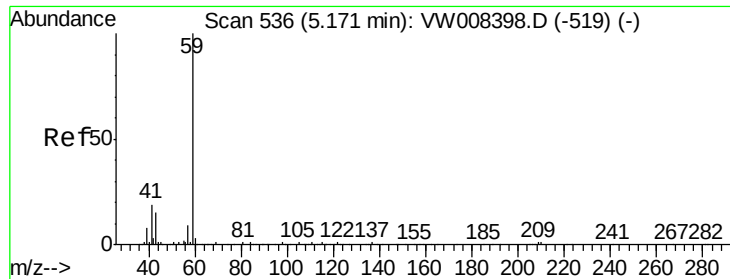
Delta R.T. 0.00 min

Lab File: VW008605.D

Acq: 11 Feb 2019 18:41

Tgt Ion:	142	Resp:	313771
Ion Ratio	Lower	Upper	
142	100		
127	45.7	34.6	52.0
141	14.7	11.4	17.2





#11

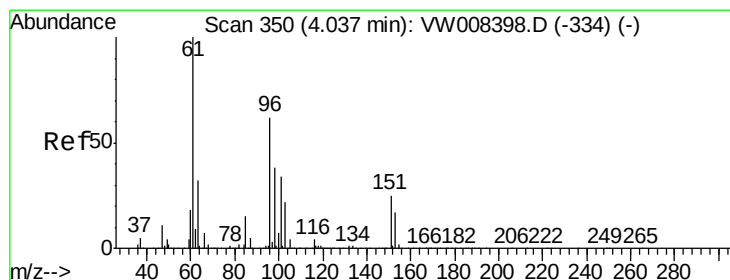
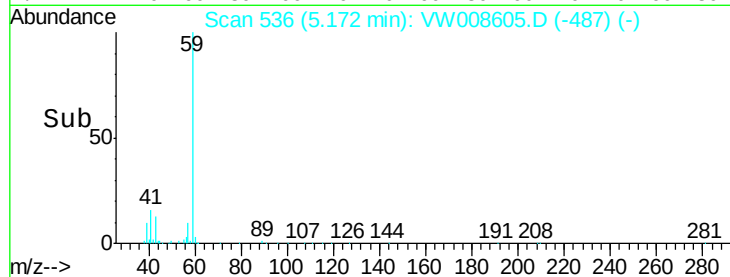
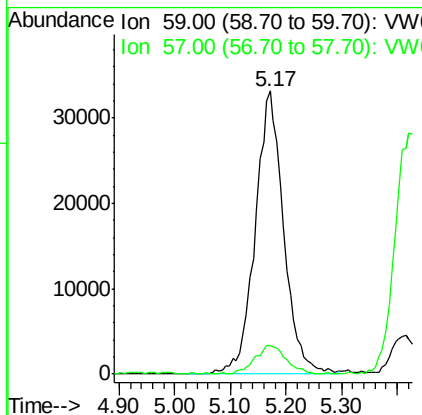
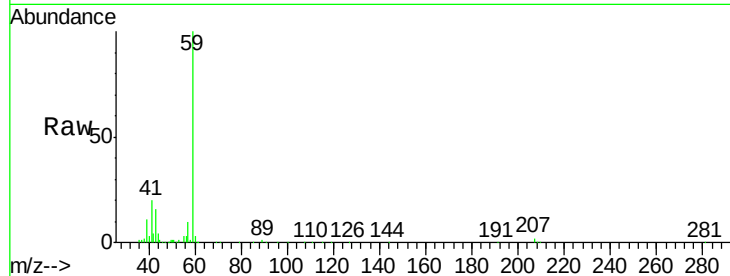
Tert butyl alcohol
Concen: 360.350 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.00 min
Lab File: VW008605.D
Acq: 11 Feb 2019 18:41

Instrument :
MSVOA_W
ClientSampleId :
SB-10(0-5)MSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.2	9.3	13.9

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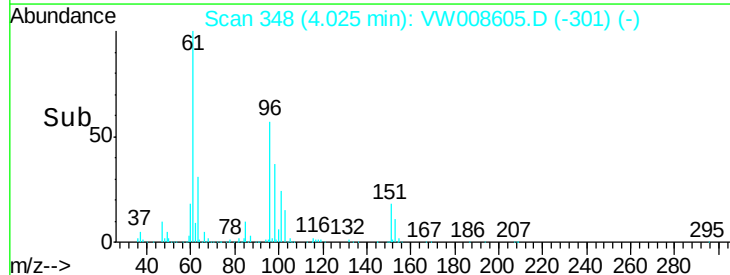
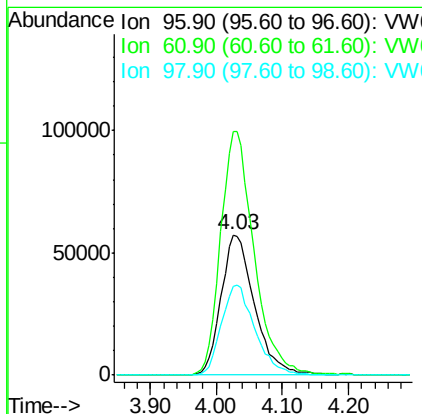
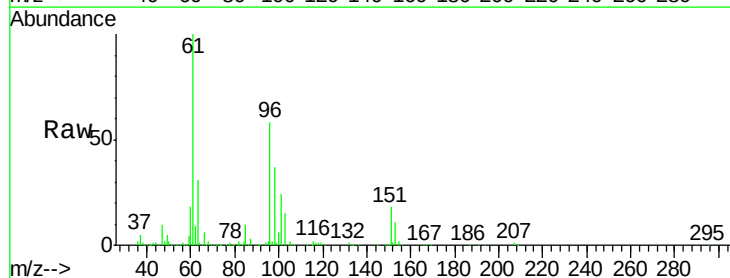
MMDadoda
2/12/2019 1:43:22 PM

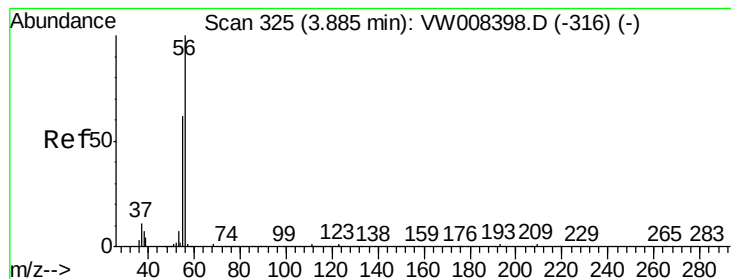


#12

1,1-Dichloroethene
Concen: 52.589 ug/l
RT: 4.03 min Scan# 348
Delta R.T. -0.01 min
Lab File: VW008605.D
Acq: 11 Feb 2019 18:41

Tgt Ion	Ratio	Lower	Upper
96	100		
61	173.7	129.5	194.3
98	63.6	48.6	73.0





#13

Acrolein

Concen: 170.805 ug/l

RT: 3.88 min Scan# 324

Delta R.T. -0.01 min

Lab File: VW008605.D

Acq: 11 Feb 2019 18:41

Instrument :

MSVOA_W

ClientSampleId :

SB-10(0-5)MSD

Tot Ion: 56 Resp: 49277

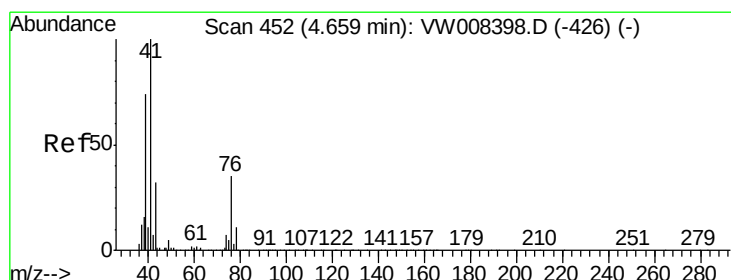
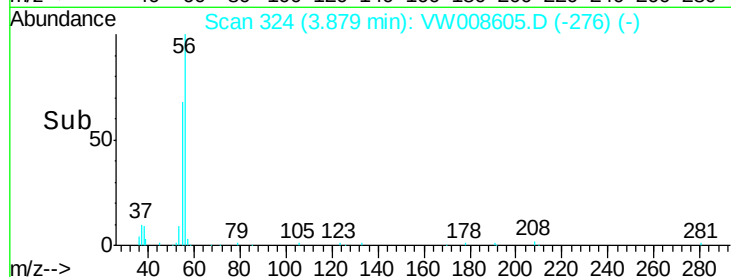
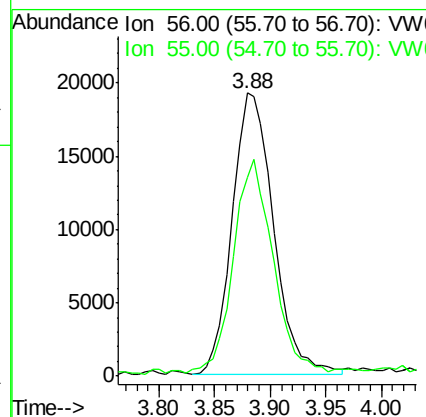
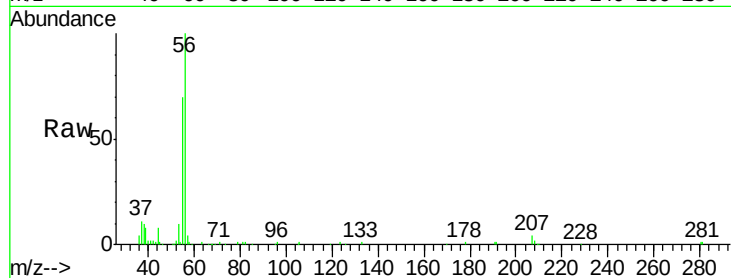
Ion Ratio Lower Upper

56 100

55 71.0 56.7 85.1

Manual Integrations
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#14

Allyl chloride

Concen: 54.034 ug/l

RT: 4.65 min Scan# 451

Delta R.T. -0.01 min

Lab File: VW008605.D

Acq: 11 Feb 2019 18:41

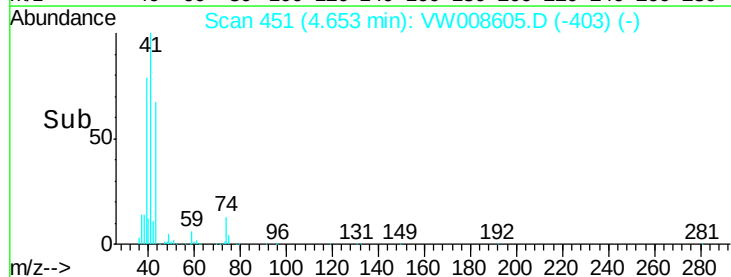
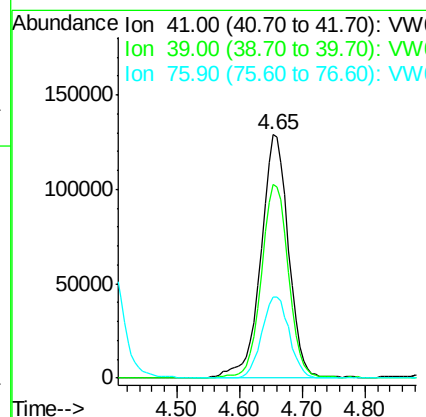
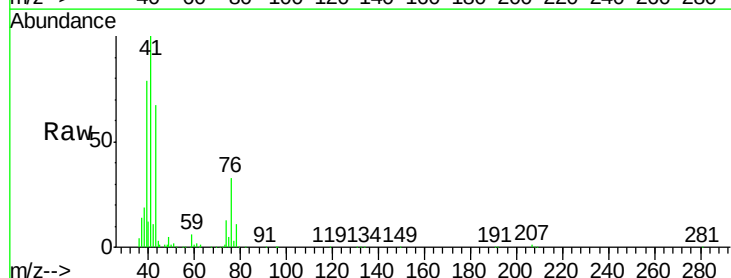
Tgt Ion: 41 Resp: 391353

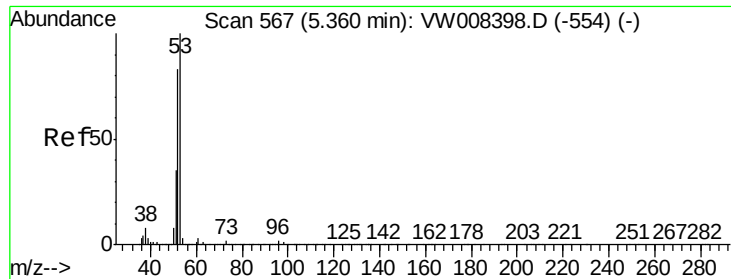
Ion Ratio Lower Upper

41 100

39 77.9 57.7 86.5

76 32.9 26.9 40.3





#15

Acrylonitrile

Concen: 347.141 ug/l

RT: 5.36 min Scan# 567

Delta R.T. 0.00 min

Lab File: VW008605.D

Acq: 11 Feb 2019 18:41

Instrument :

MSVOA_W

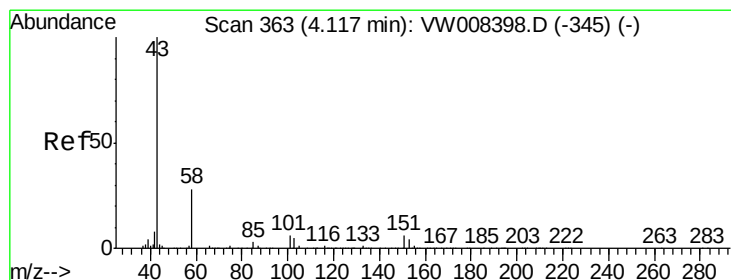
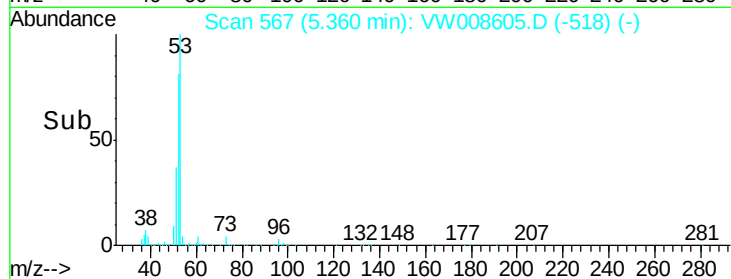
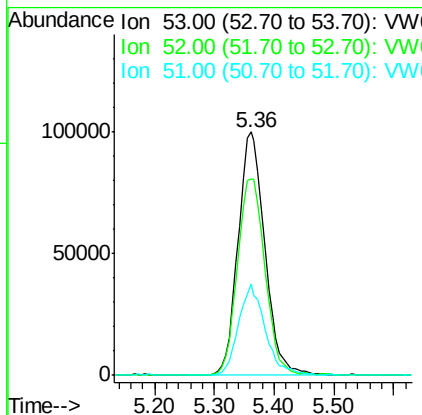
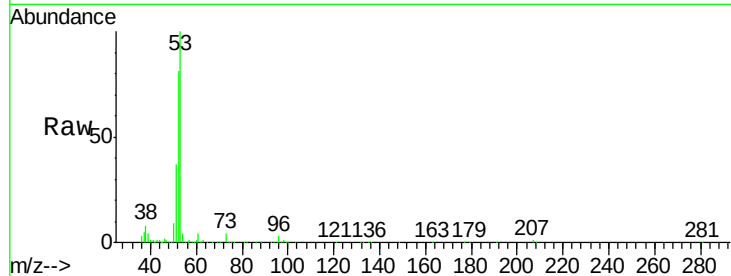
ClientSampleId :

SB-10(0-5)MSD

Tot Ion:	53	Resp:	311503
Ion Ratio	Lower	Upper	
53	100		
52	83.6	67.0	100.4
51	37.3	29.8	44.8

Manual Integrations
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#16

Acetone

Concen: 319.183 ug/l

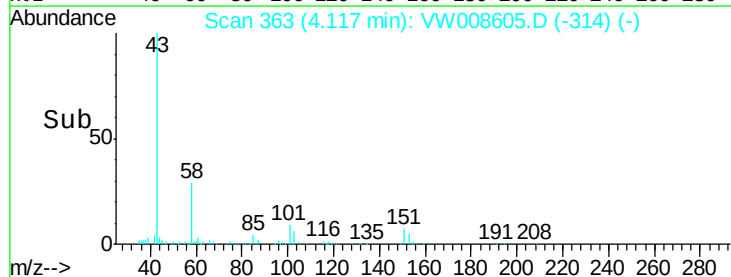
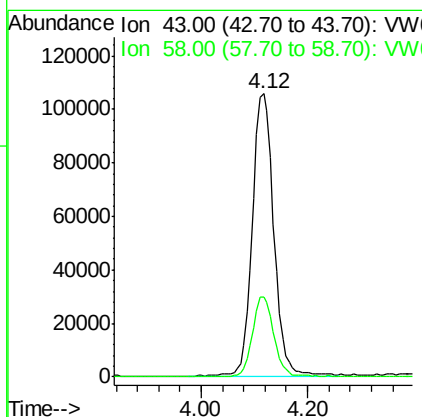
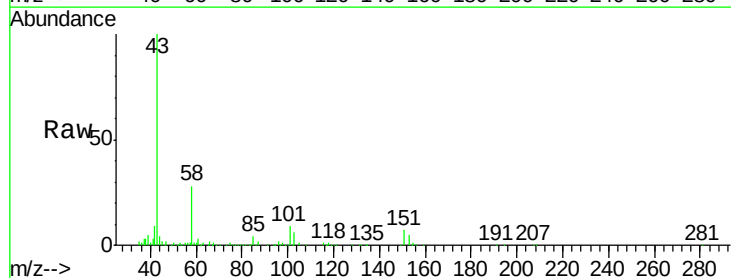
RT: 4.12 min Scan# 363

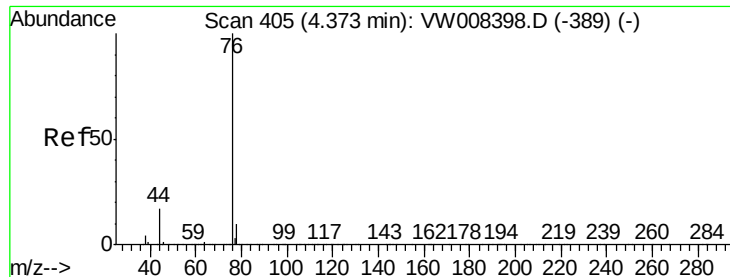
Delta R.T. 0.00 min

Lab File: VW008605.D

Acq: 11 Feb 2019 18:41

Tgt Ion:	43	Resp:	293426
Ion Ratio	Lower	Upper	
43	100		
58	28.3	22.6	34.0





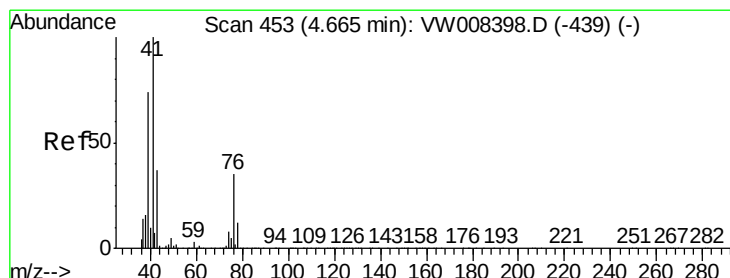
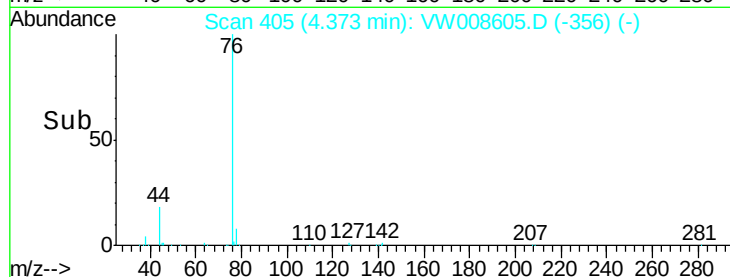
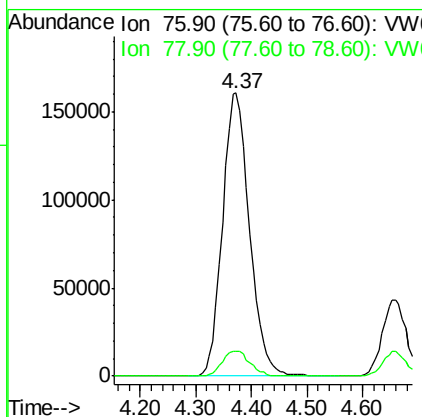
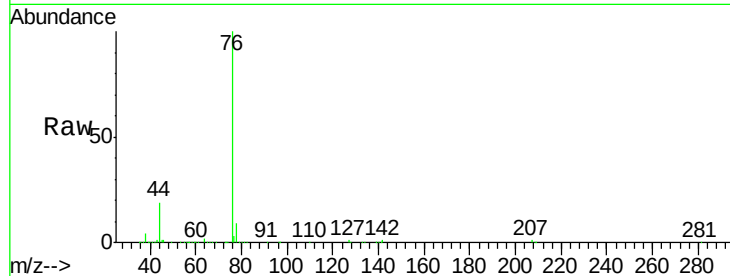
#17
Carbon Disulfide
Concen: 44.202 ug/l
RT: 4.37 min Scan# 405
Delta R.T. 0.00 min
Lab File: VW008605.D
Acq: 11 Feb 2019 18:41

Instrument :
MSVOA_W
ClientSampleId :
SB-10(0-5)MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.7	11.5

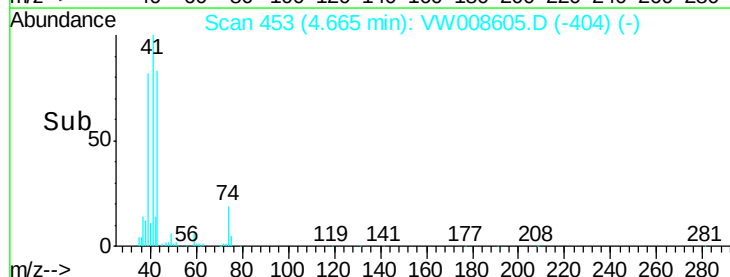
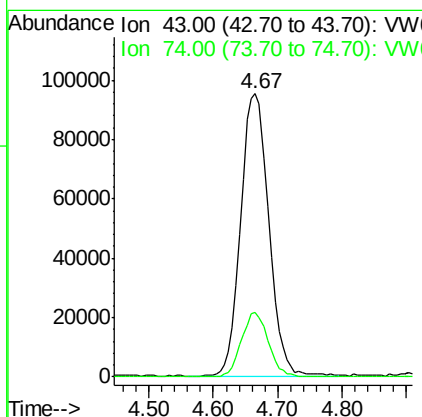
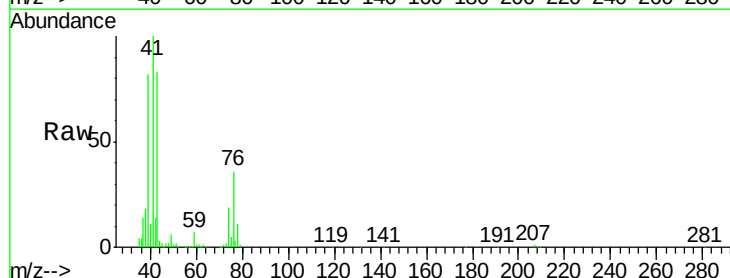
Manual Integrations
APPROVED

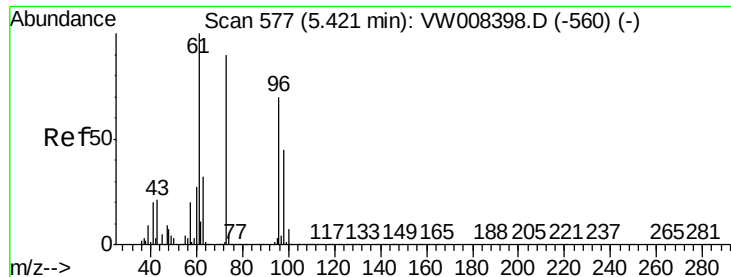
MMDadoda
2/12/2019 1:43:22 PM



#18
Methyl Acetate
Concen: 116.447 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW008605.D
Acq: 11 Feb 2019 18:41

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.9	17.5	26.3





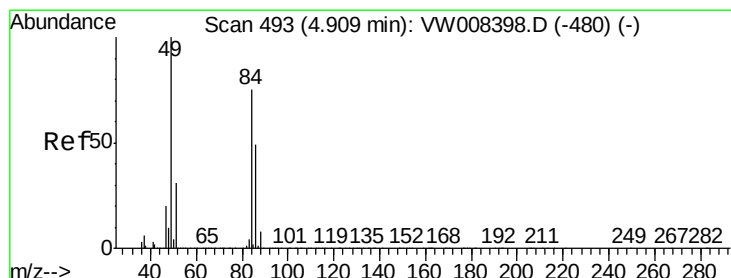
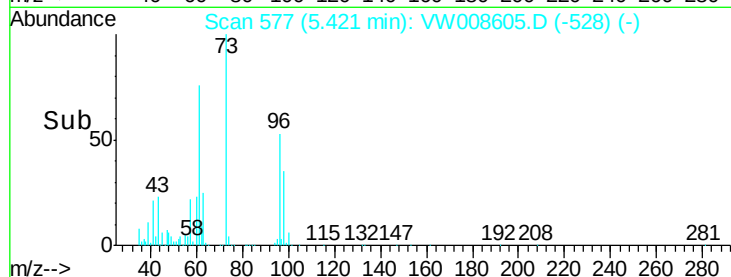
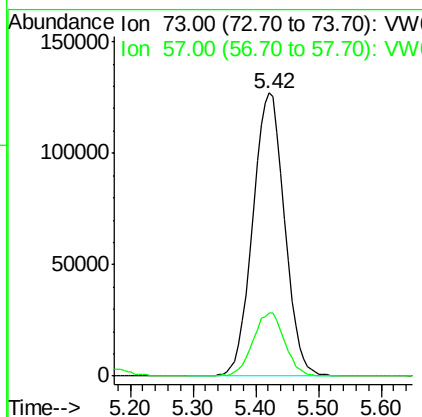
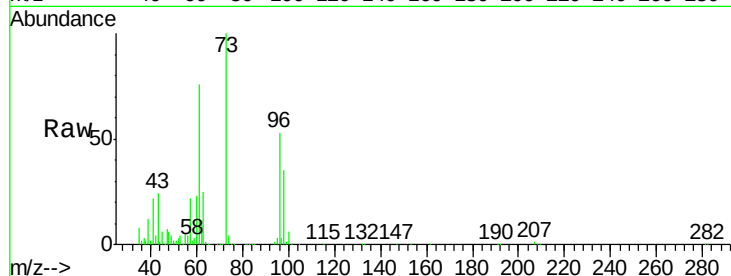
#19
Methyl tert-butyl Ether
Concen: 70.595 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW008605.D
Acq: 11 Feb 2019 18:41

Instrument :
MSVOA_W
ClientSampleId :
SB-10(0-5)MSD

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.1	18.0	27.0

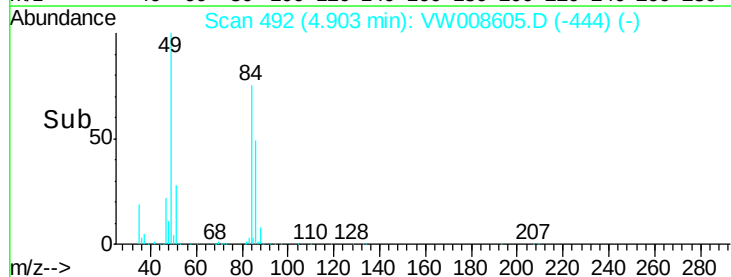
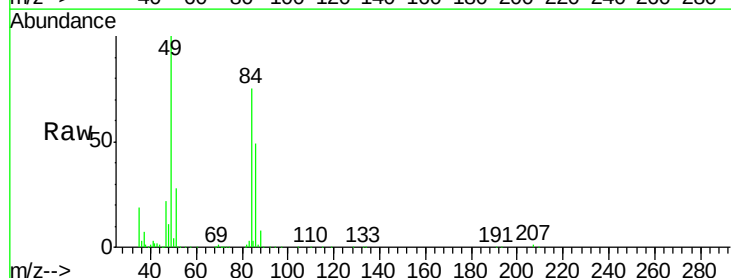
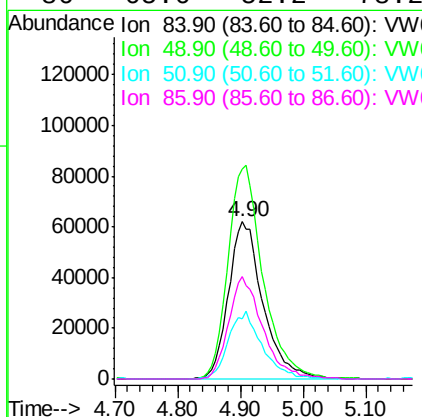
Manual Integrations
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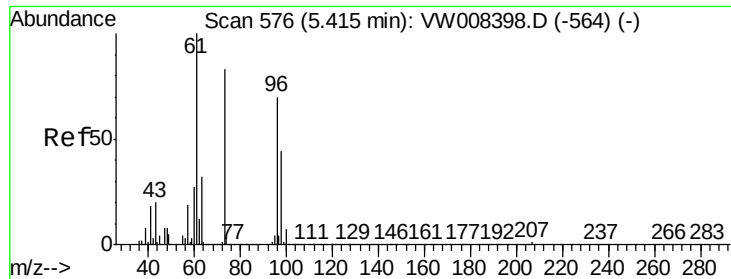
MMDadoda
2/12/2019 1:43:22 PM



#20
Methylene Chloride
Concen: 55.754 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW008605.D
Acq: 11 Feb 2019 18:41

Tgt Ion	Ratio	Lower	Upper
84	100		
49	133.7	106.8	160.2
51	38.0	32.9	49.3
86	65.6	52.2	78.2





#21

trans-1,2-Dichloroethene

Concen: 53.654 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW008605.D

Acq: 11 Feb 2019 18:41

Instrument :

MSVOA_W

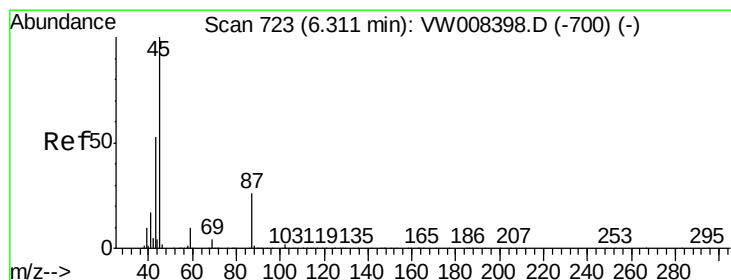
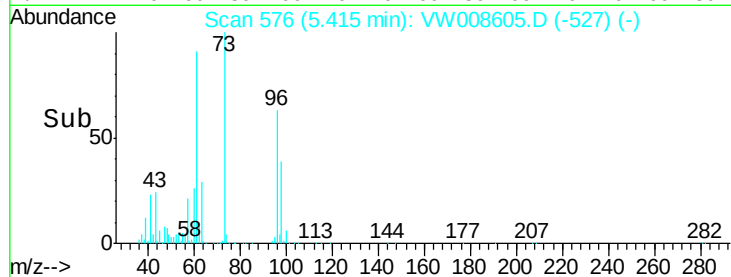
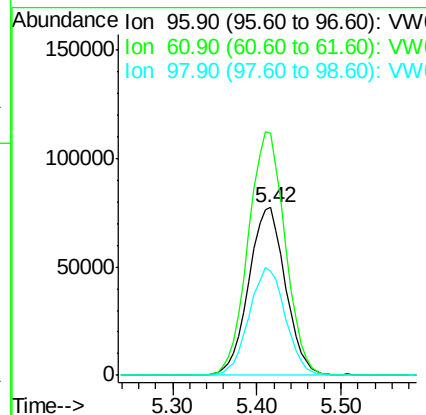
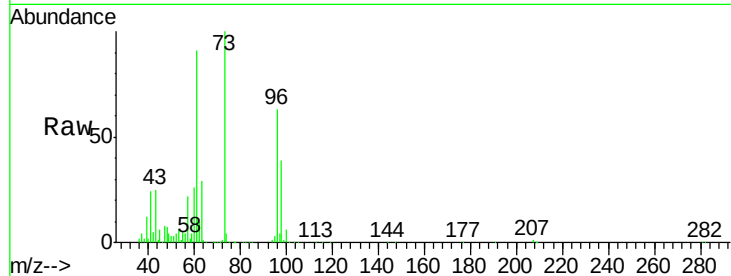
ClientSampleId :

SB-10(0-5)MSD

Tot Ion:	96	Resp:	230071
Ion Ratio	Lower	Upper	
96	100		
61	144.6	114.4	171.6
98	62.1	50.6	75.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 59.597 ug/l

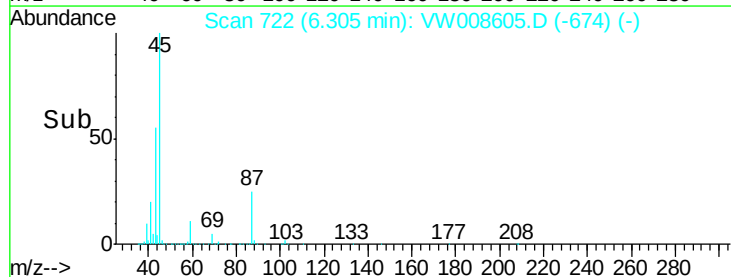
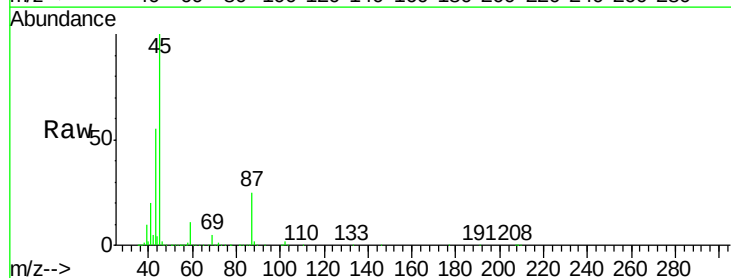
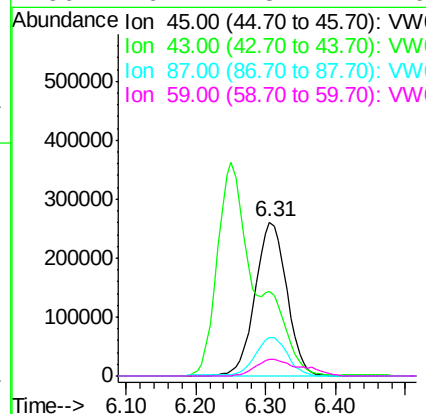
RT: 6.31 min Scan# 722

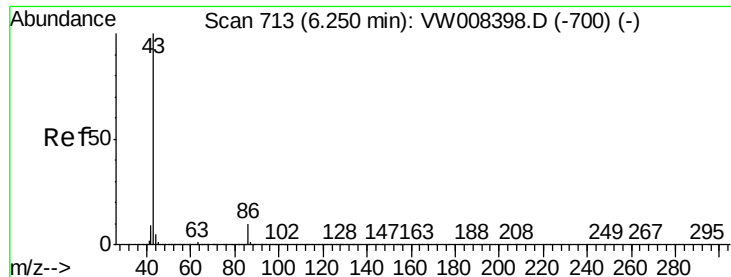
Delta R.T. -0.01 min

Lab File: VW008605.D

Acq: 11 Feb 2019 18:41

Tgt Ion:	45	Resp:	818069
Ion Ratio	Lower	Upper	
45	100		
43	54.5	42.6	63.8
87	25.3	20.3	30.5
59	10.7	8.4	12.6





#23

Vinyl Acetate

Concen: 135.363 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW008605.D

Acq: 11 Feb 2019 18:41

Instrument :

MSVOA_W

ClientSampleId :

SB-10(0-5)MSD

Tot Ion: 43 Resp: 1097156

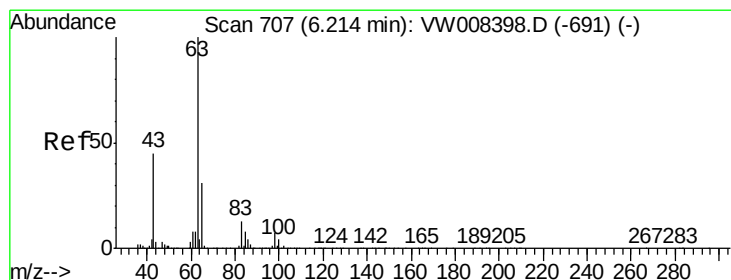
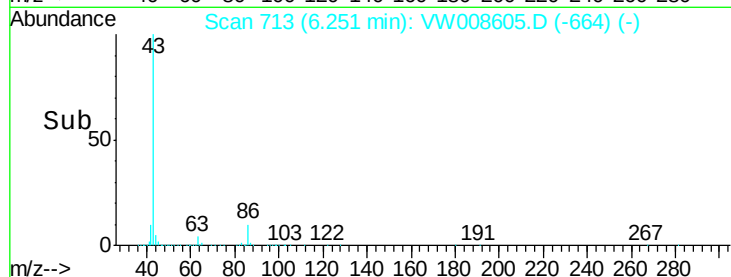
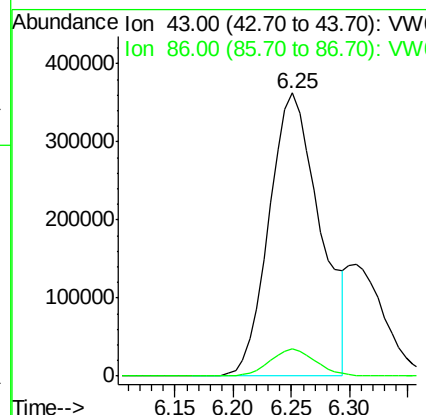
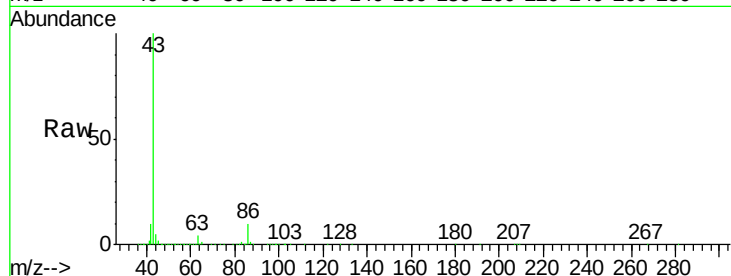
Ion Ratio Lower Upper

43 100

86 9.8 7.8 11.8

Manual Integrations
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2/12/2019 1:43:22 PM



#24

1,1-Dichloroethane

Concen: 56.671 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW008605.D

Acq: 11 Feb 2019 18:41

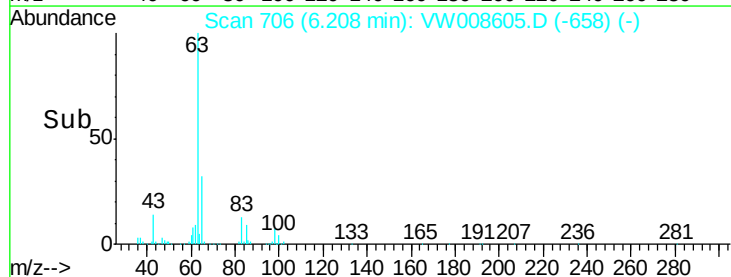
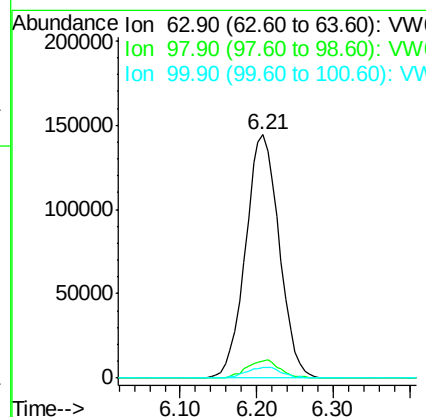
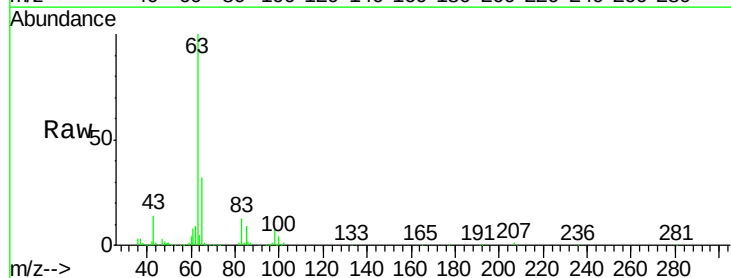
Tgt Ion: 63 Resp: 440329

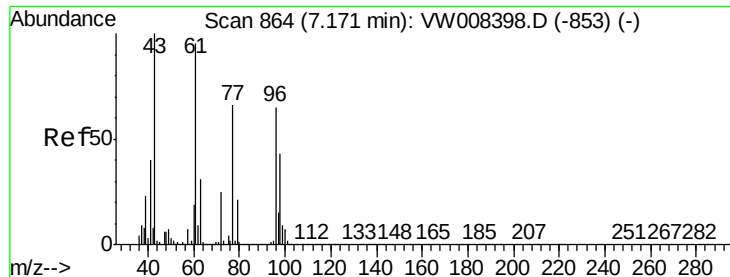
Ion Ratio Lower Upper

63 100

98 6.8 3.5 10.5

100 4.3 2.1 6.2





#25

2-Butanone

Concen: 351.237 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW008605.D

Acq: 11 Feb 2019 18:41

Instrument :

MSVOA_W

ClientSampleId :

SB-10(0-5)MSD

Tot Ion: 43 Resp: 448494

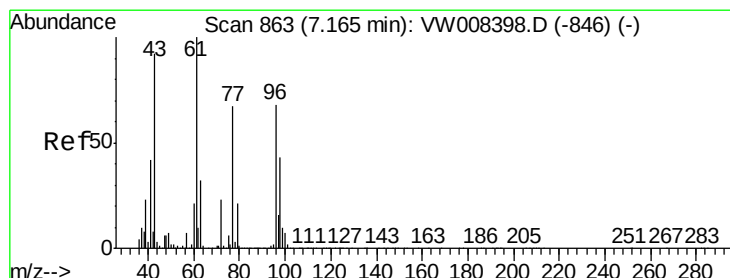
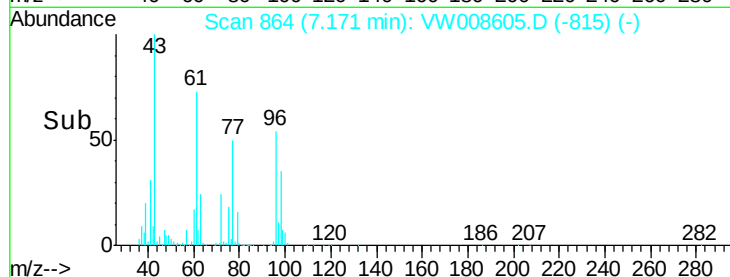
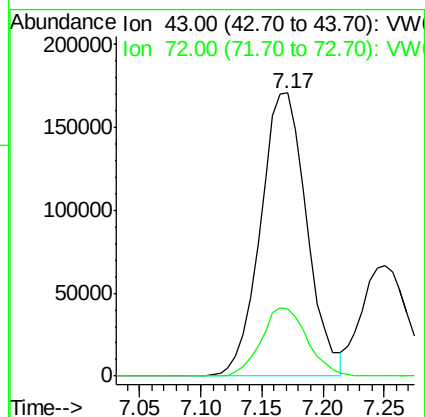
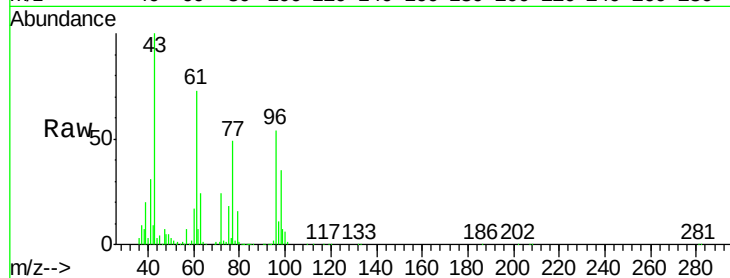
Ion Ratio Lower Upper

43 100

72 23.5 20.1 30.1

Manual Integrations
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MMDadoda
2/12/2019 1:43:22 PM



#26

2,2-Dichloropropane

Concen: 54.852 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW008605.D

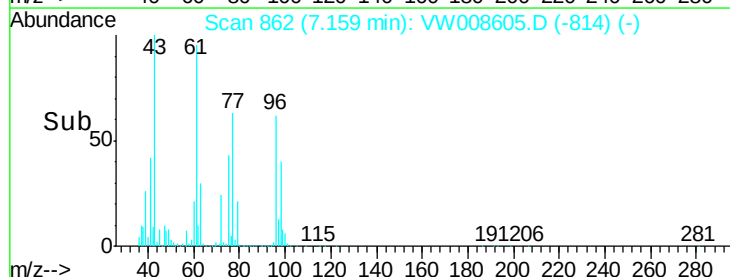
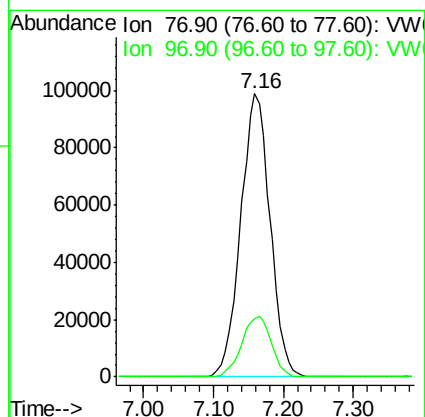
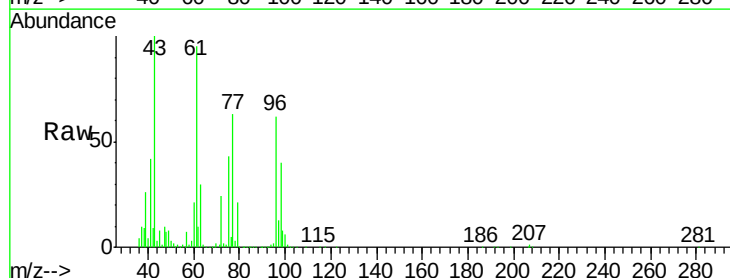
Acq: 11 Feb 2019 18:41

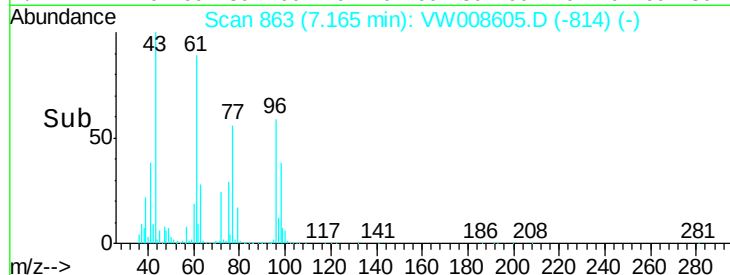
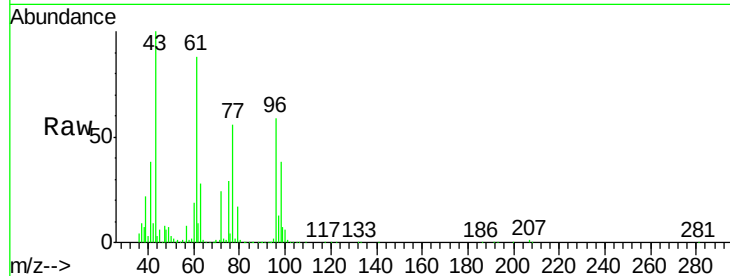
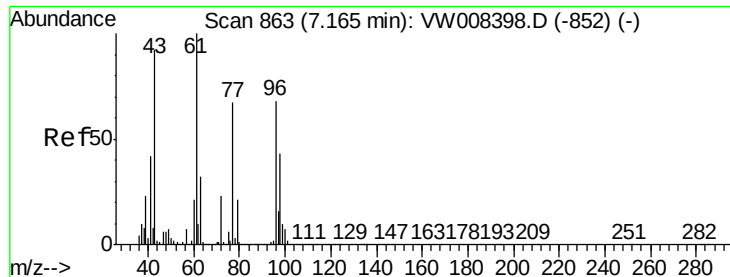
Tgt Ion: 77 Resp: 288083

Ion Ratio Lower Upper

77 100

97 21.8 11.5 34.5





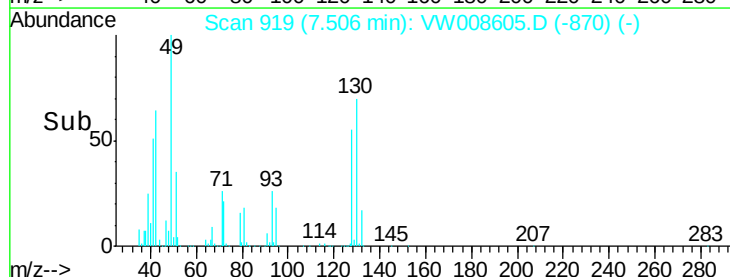
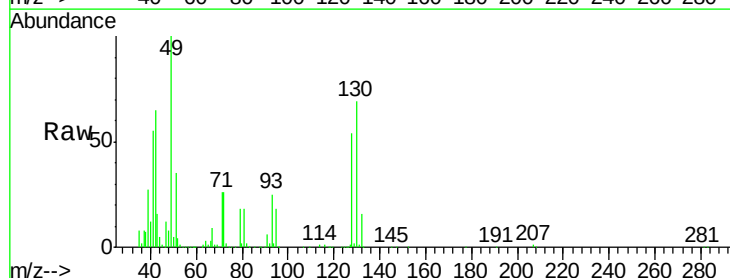
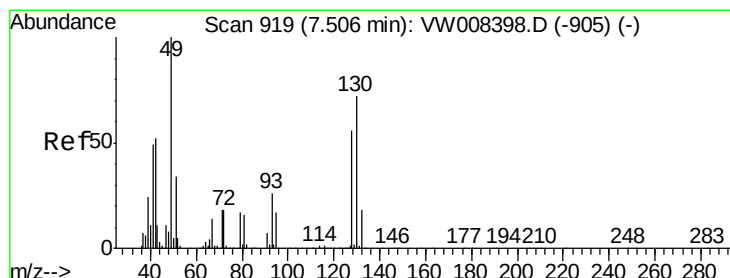
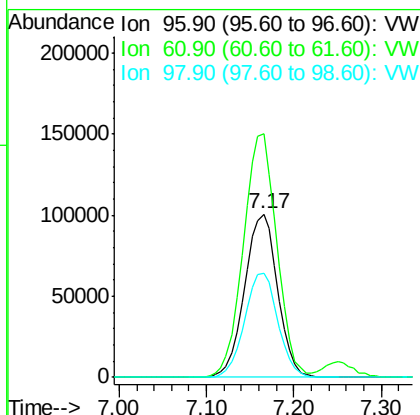
#27
 cis-1,2-Dichloroethene
 Concen: 56.564 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: VW008605.D
 Acq: 11 Feb 2019 18:41

Tot Ion	Ratio	Resp	Lower	Upper
96	100	264341		
61	151.3	0.0	292.8	
98	64.7	0.0	129.2	

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-10(0-5)MSD

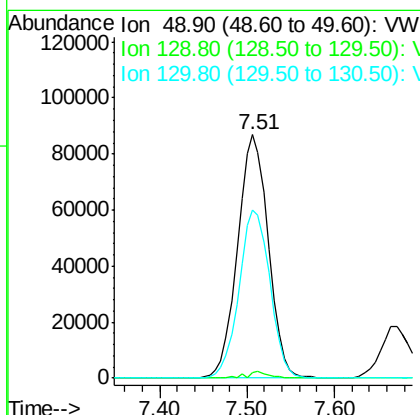
Manual Integrations
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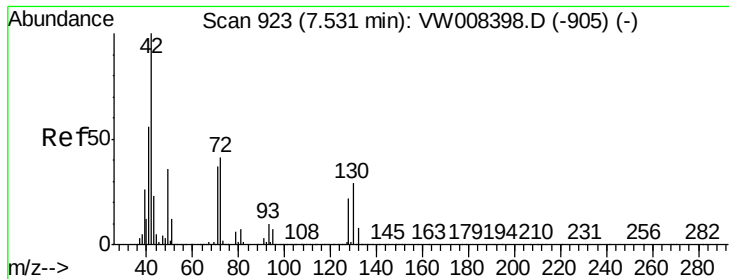
MMDadoda
 2/12/2019 1:43:22 PM



#28
 Bromochloromethane
 Concen: 59.429 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VW008605.D
 Acq: 11 Feb 2019 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	212088		
129	2.0	0.0	4.6	
130	69.5	58.6	87.8	





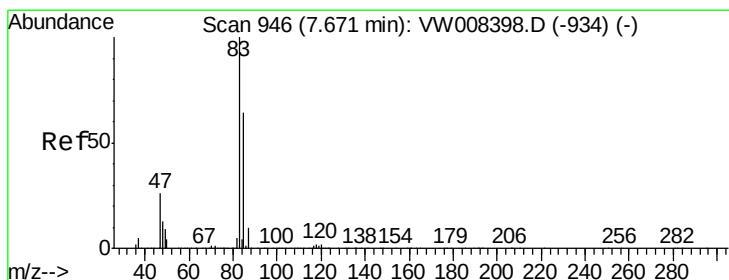
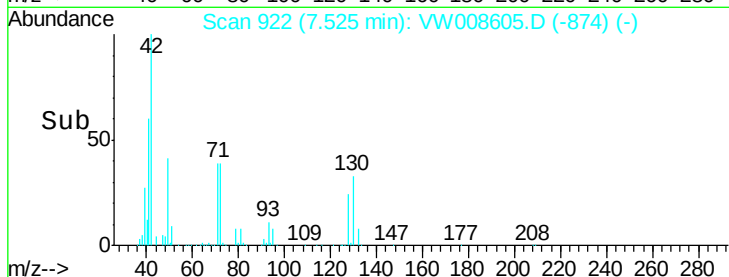
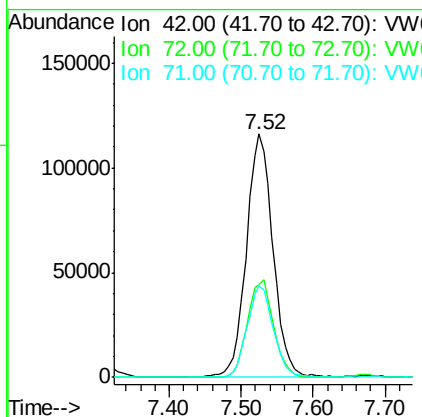
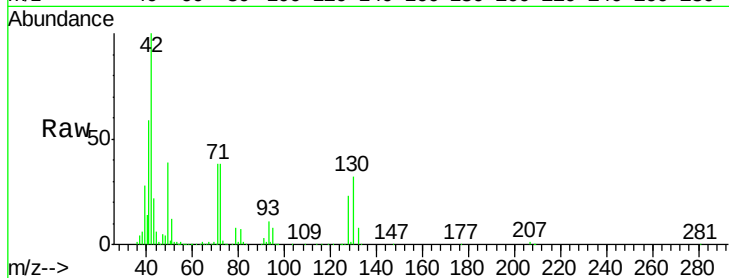
#29
Tetrahydrofuran
Concen: 367.290 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW008605.D
Acq: 11 Feb 2019 18:41

Instrument :
MSVOA_W
ClientSampleId :
SB-10(0-5)MSD

Tot Ion	Ratio	Resp Lower	Upper
42	100		
72	39.6	31.9	47.9
71	36.9	29.9	44.9

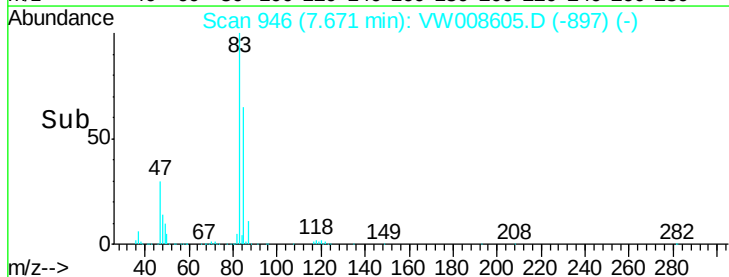
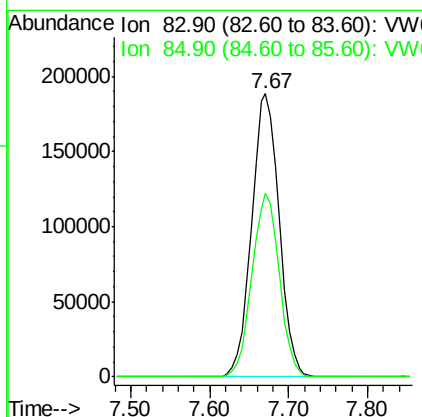
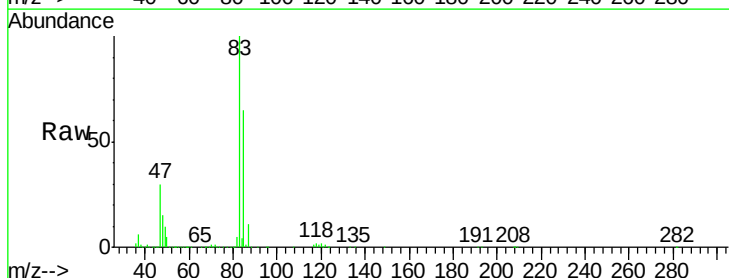
Manual Integrations
APPROVED

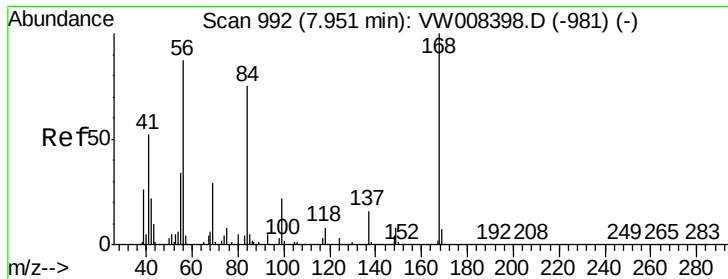
MMDadoda
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#30
Chloroform
Concen: 59.515 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW008605.D
Acq: 11 Feb 2019 18:41

Tgt Ion	Ratio	Resp Lower	Upper
83	100		
85	64.8	50.9	76.3





#31

Cyclohexane

Concen: 46.131 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW008605.D

Acq: 11 Feb 2019 18:41

Instrument :

MSVOA_W

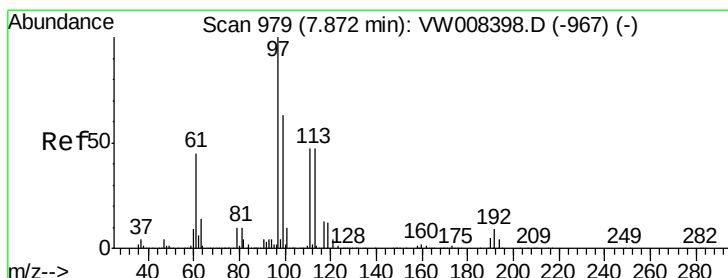
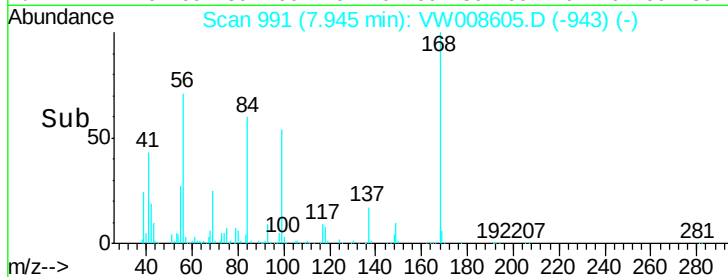
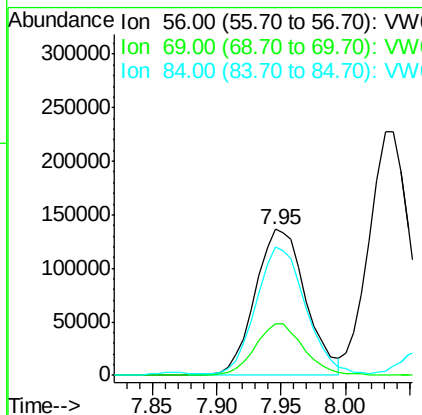
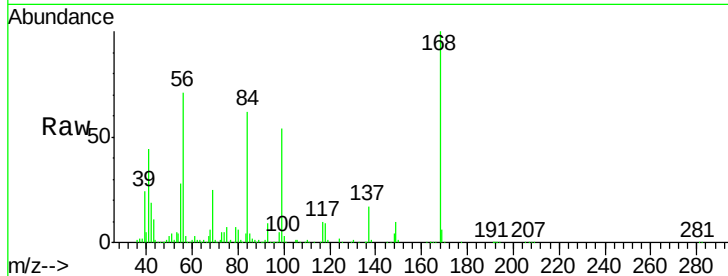
ClientSampleId :

SB-10(0-5)MSD

Tot Ion:	56	Resp:	370627
Ion Ratio	Lower	Upper	
56	100		
69	35.0	26.4	39.6
84	87.0	69.1	103.7

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 57.222 ug/l

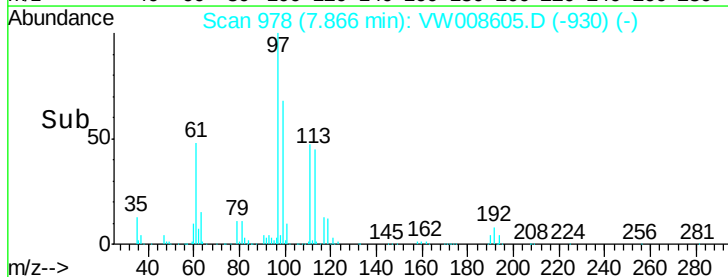
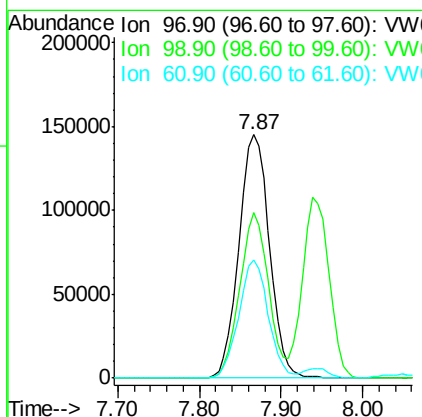
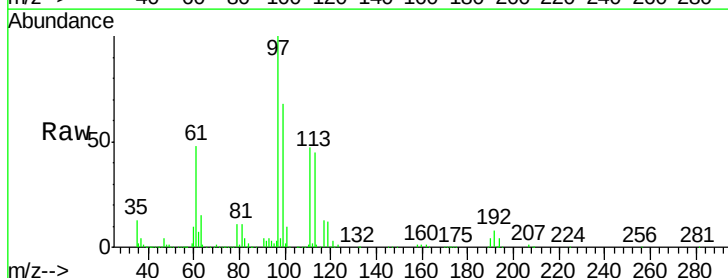
RT: 7.87 min Scan# 978

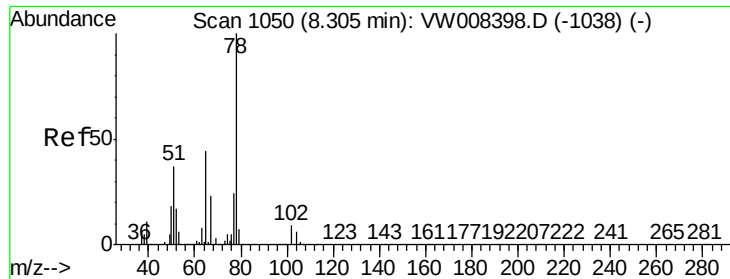
Delta R.T. -0.01 min

Lab File: VW008605.D

Acq: 11 Feb 2019 18:41

Tgt Ion:	97	Resp:	377717
Ion Ratio	Lower	Upper	
97	100		
99	64.5	51.3	76.9
61	46.8	36.2	54.4





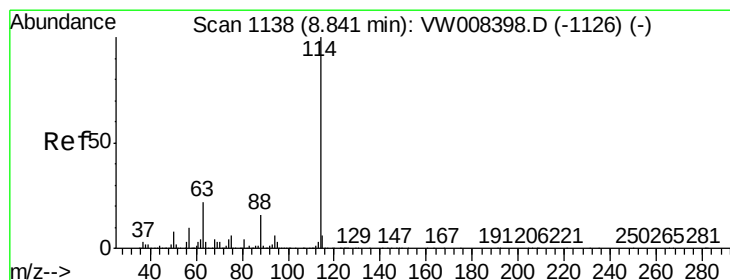
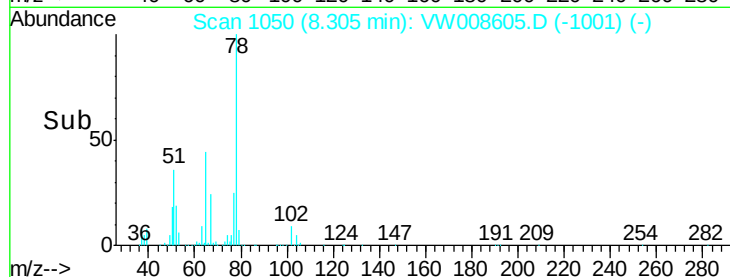
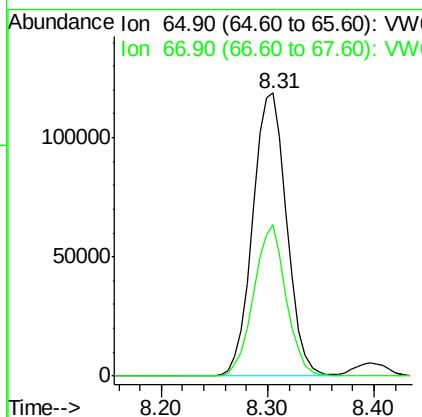
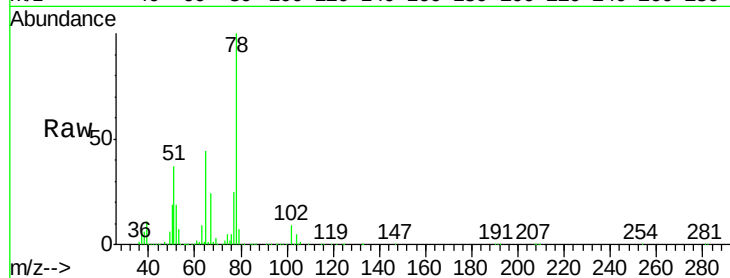
#33
 1,2-Dichloroethane-d4
 Concen: 64.879 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008605.D
 Acq: 11 Feb 2019 18:41

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-10(0-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
65	100	265595		
67	50.7	0.0	104.0	

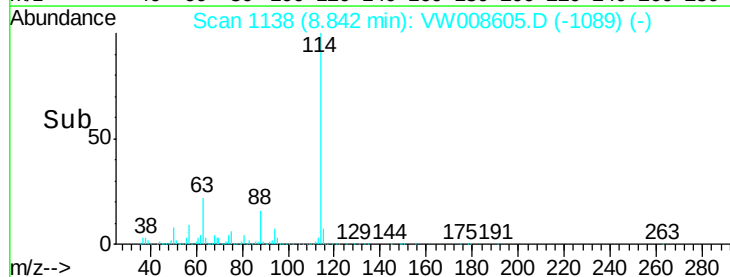
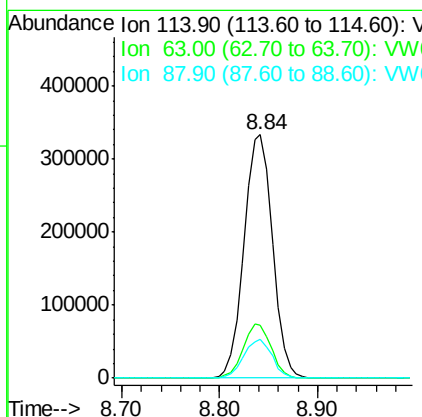
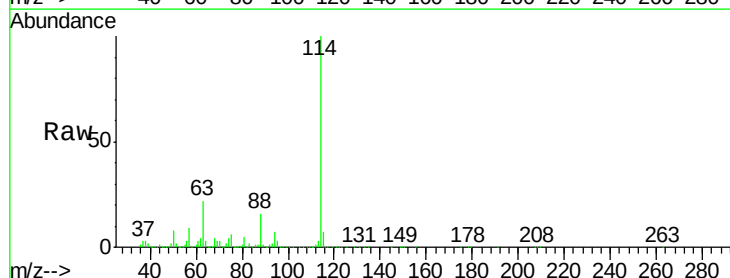
Manual Integrations
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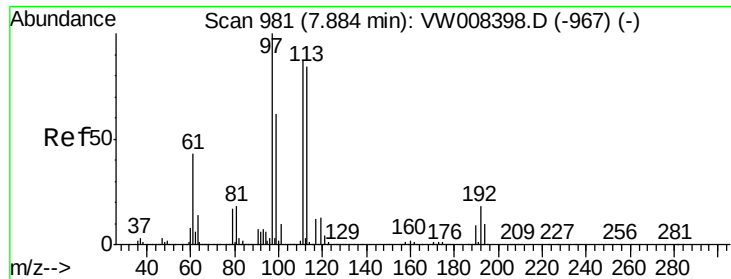
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008605.D
 Acq: 11 Feb 2019 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	670994		
63	21.5	0.0	43.6	
88	15.9	0.0	31.8	





#35

Dibromofluoromethane

Concen: 58.650 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW008605.D

Acq: 11 Feb 2019 18:41

Instrument :

MSVOA_W

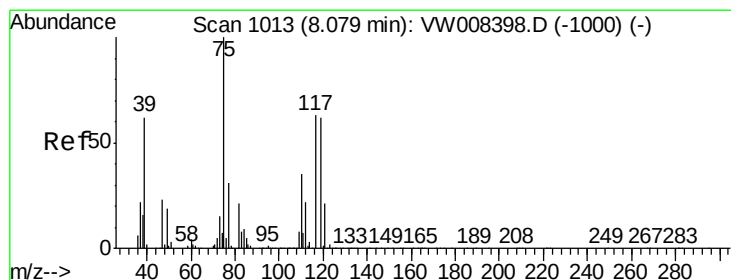
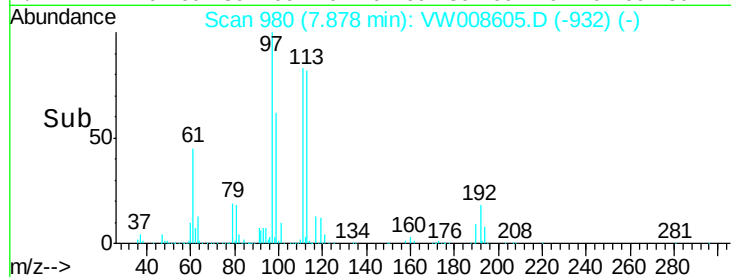
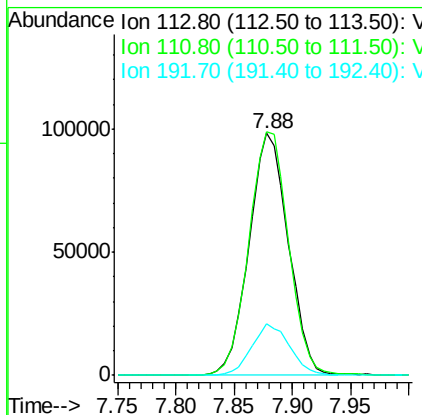
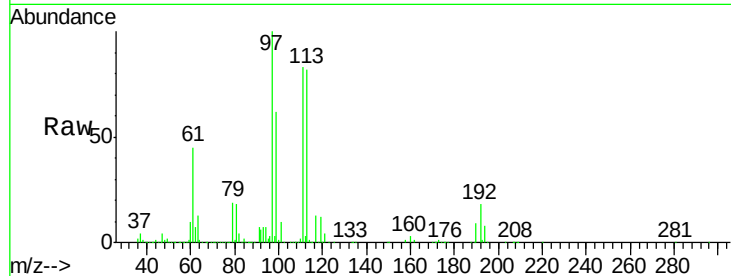
ClientSampleId :

SB-10(0-5)MSD

Tot Ion:	113	Resp:	230114
Ion Ratio	Lower	Upper	
113	100		
111	101.9	81.0	121.4
192	20.7	16.8	25.2

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 53.058 ug/l

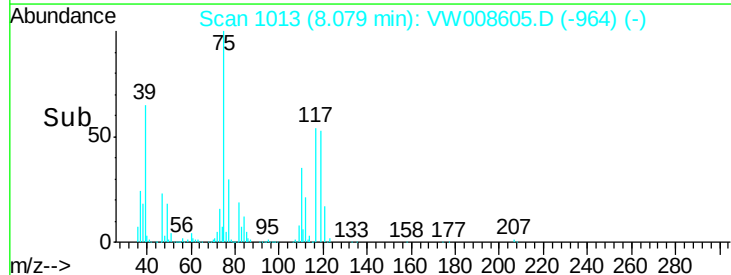
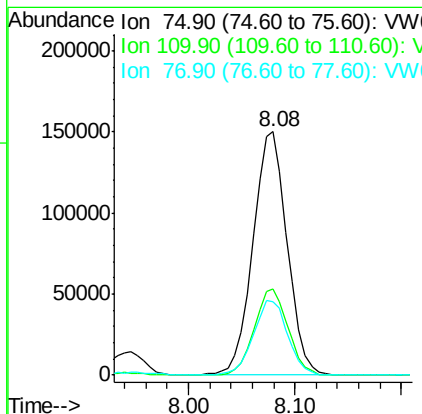
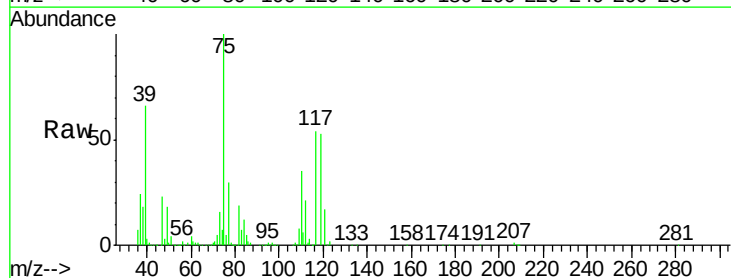
RT: 8.08 min Scan# 1013

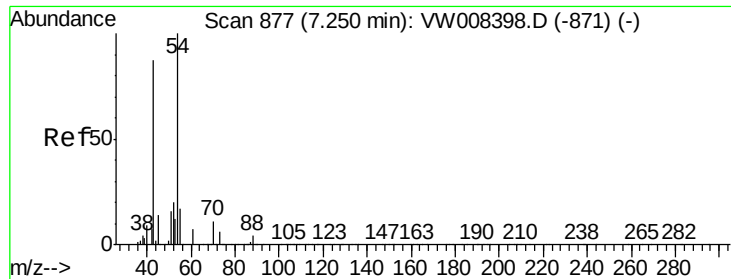
Delta R.T. 0.00 min

Lab File: VW008605.D

Acq: 11 Feb 2019 18:41

Tgt Ion:	75	Resp:	336294
Ion Ratio	Lower	Upper	
75	100		
110	34.9	17.3	52.0
77	31.1	24.7	37.1





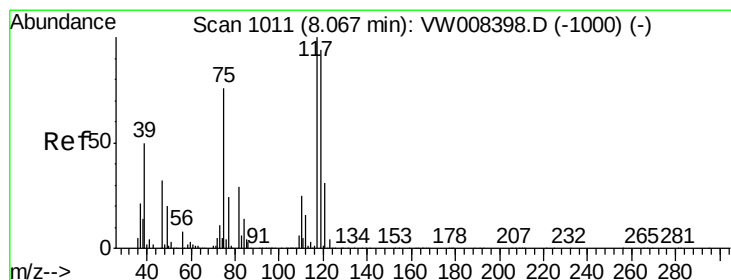
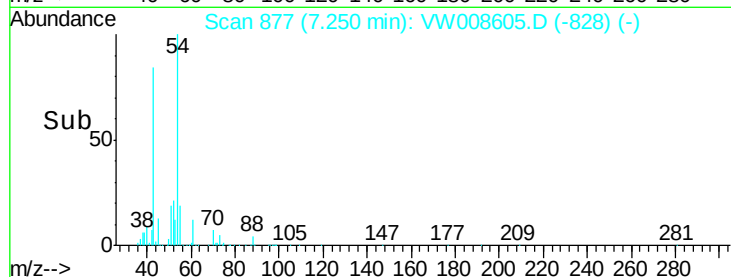
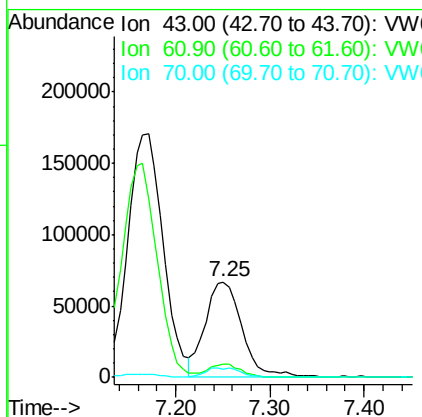
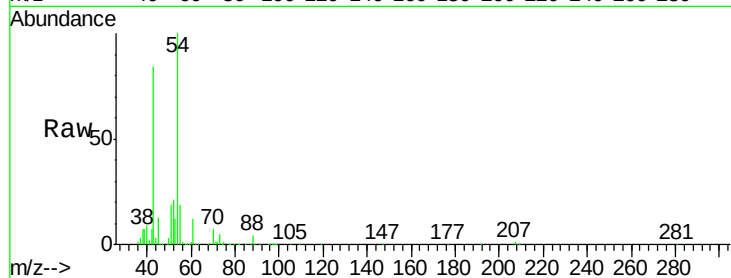
#37
Ethyl Acetate
Concen: 63.957 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW008605.D
Acq: 11 Feb 2019 18:41

Instrument :
MSVOA_W
ClientSampleId :
SB-10(0-5)MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.7	10.1	15.1
70	9.4	7.8	11.6

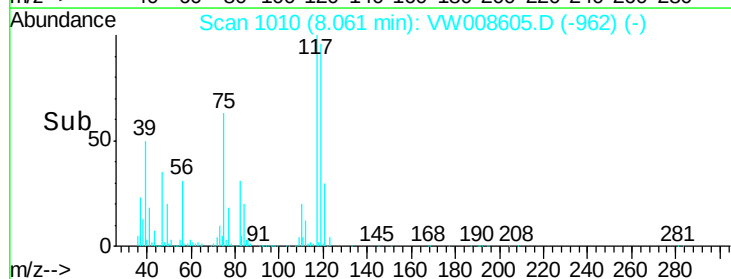
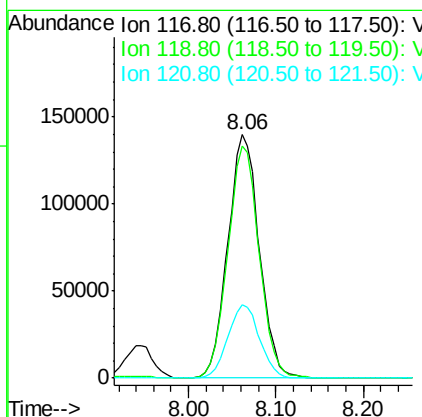
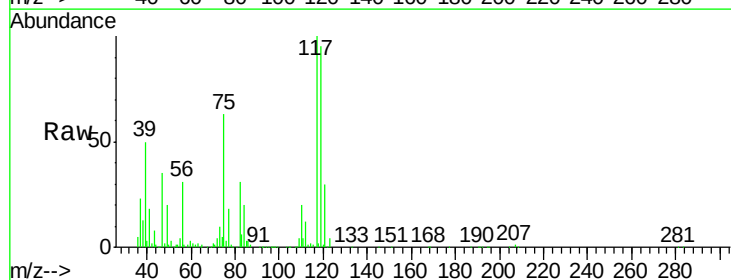
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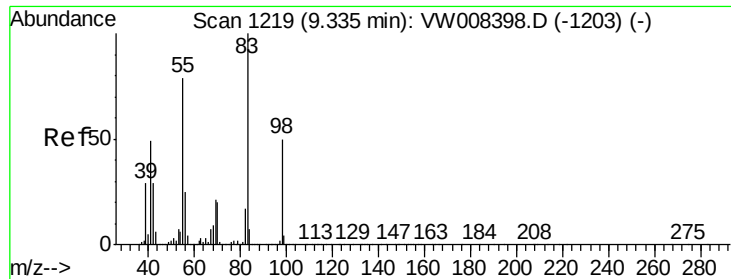
MMDadoda
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#38
Carbon Tetrachloride
Concen: 54.858 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW008605.D
Acq: 11 Feb 2019 18:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	75.0	112.4
121	30.0	24.9	37.3





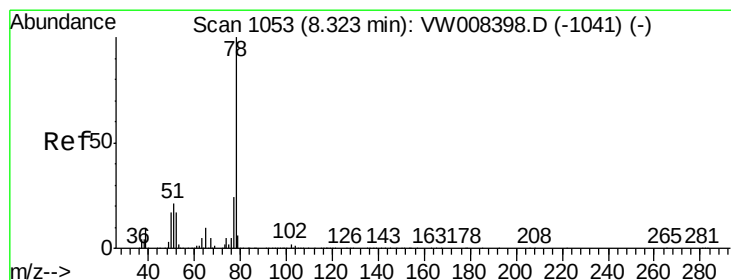
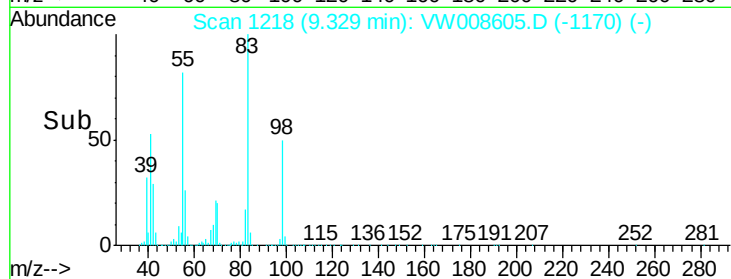
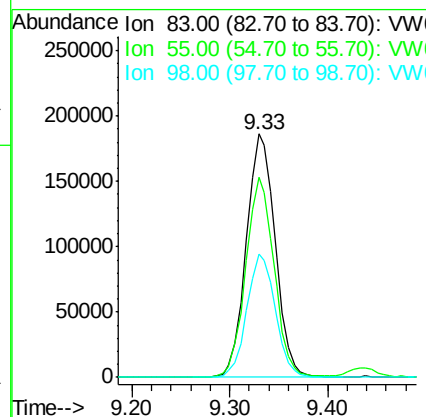
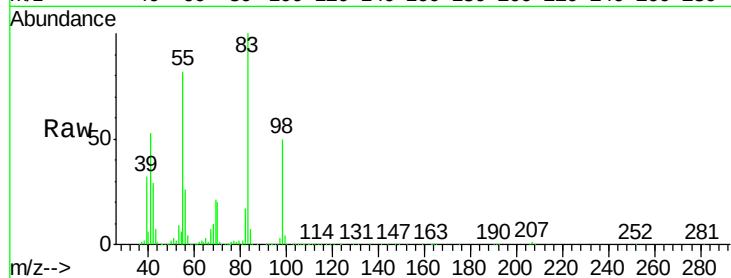
#39
Methylvlcyclohexane
Concen: 45.698 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW008605.D
Acq: 11 Feb 2019 18:41

Instrument :
MSVOA_W
ClientSampleId :
SB-10(0-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	82.1	63.3	94.9	
98	50.5	39.7	59.5	

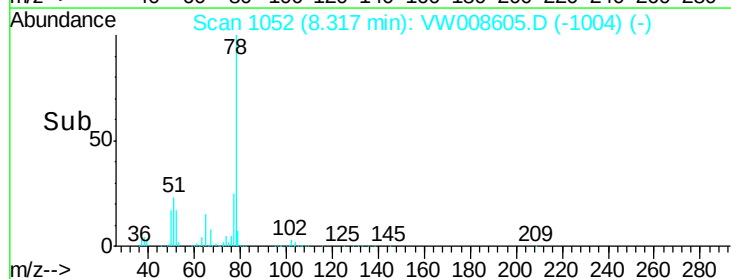
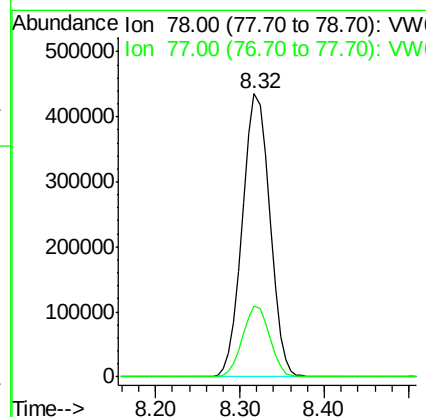
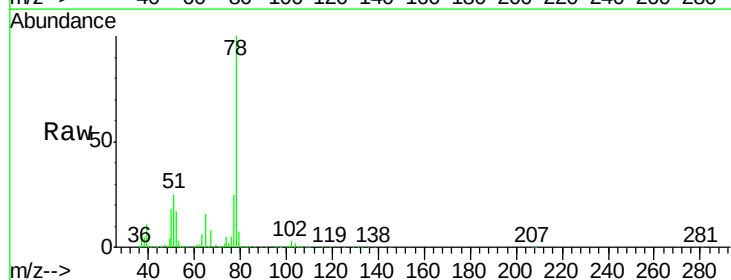
Manual Integrations
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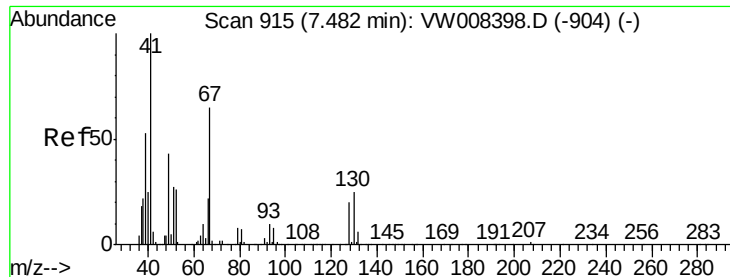
MMDadoda
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#40
Benzene
Concen: 54.489 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW008605.D
Acq: 11 Feb 2019 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	24.9	19.0	28.6	





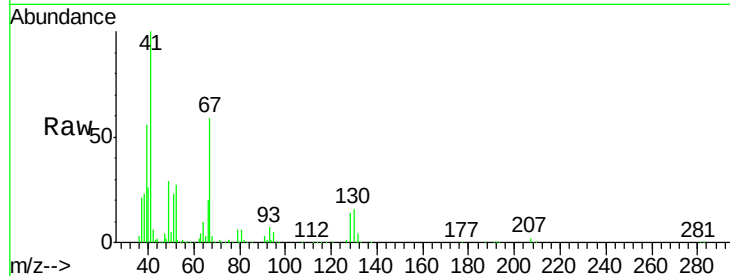
#41
Methacrylonitrile
Concen: 64.549 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW008605.D
Acq: 11 Feb 2019 18:41

Instrument :
MSVOA_W
ClientSampleId :
SB-10(0-5)MSD

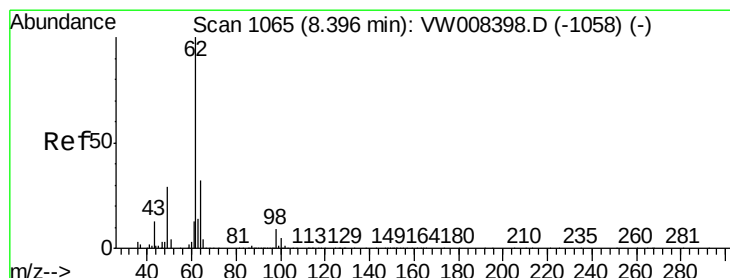
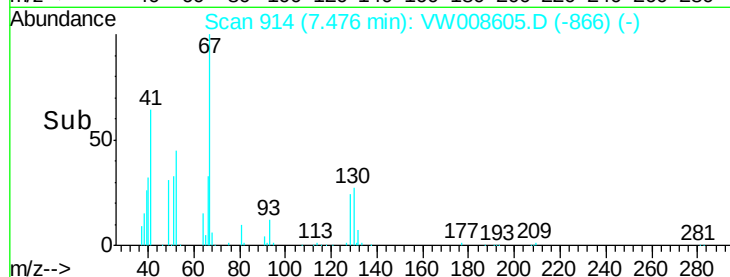
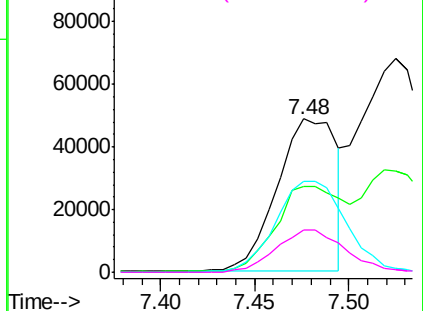
Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		107179		
39	64.6	43.4	65.0		
67	70.9	54.2	81.2		
52	32.3	22.9	34.3		

Manual Integrations
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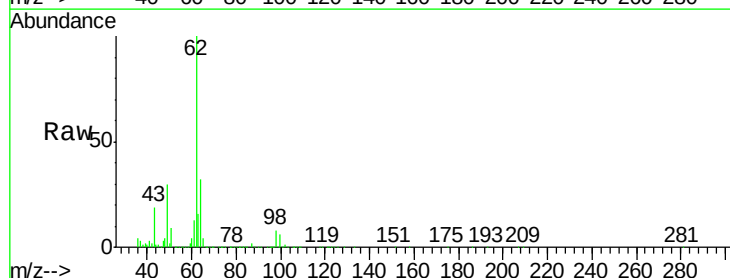


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

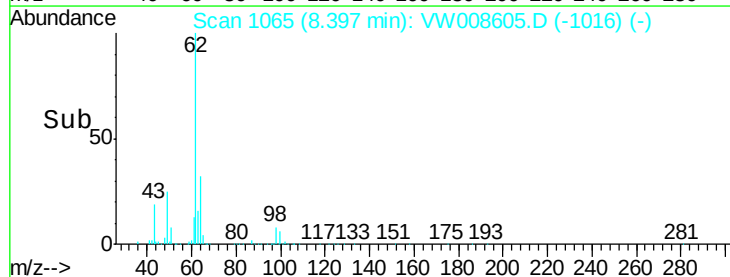
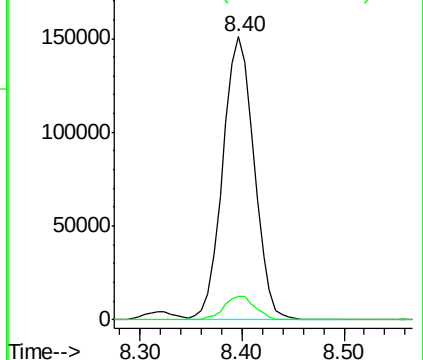


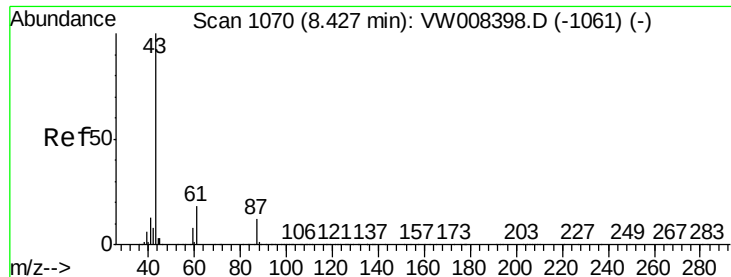
#42
1,2-Dichloroethane
Concen: 63.057 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW008605.D
Acq: 11 Feb 2019 18:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		321395		
98	8.5	0.0	18.6		



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 66.682 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW008605.D

Acq: 11 Feb 2019 18:41

Instrument :

MSVOA_W

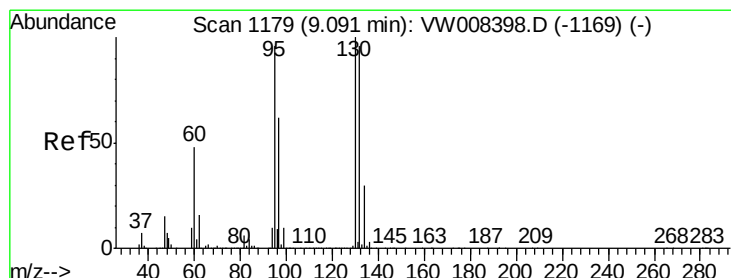
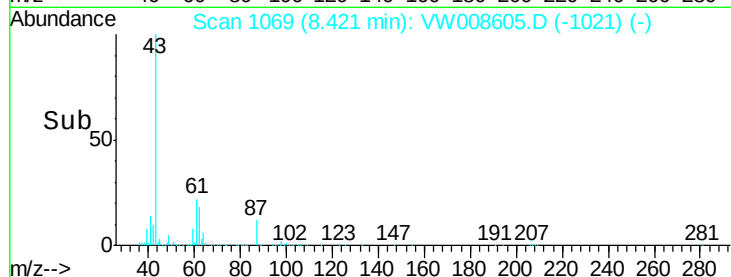
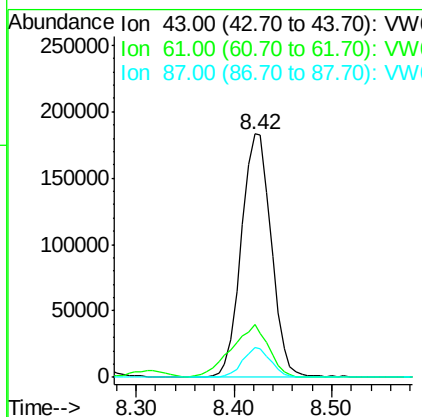
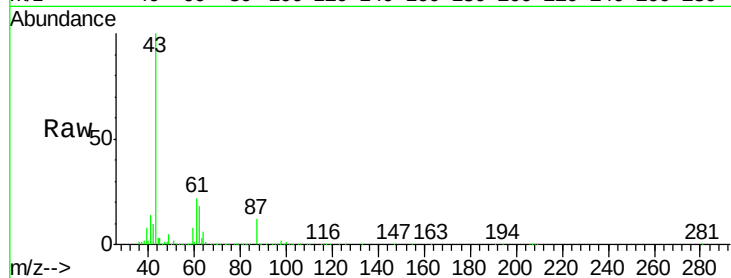
ClientSampleId :

SB-10(0-5)MSD

Tot Ion:	43	Resp:	388482
Ion Ratio	Lower	Upper	
43	100		
61	27.1	22.0	33.0
87	11.6	9.3	13.9

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MMDadoda
2/12/2019 1:43:22 PM



#44

Trichloroethene

Concen: 52.778 ug/l

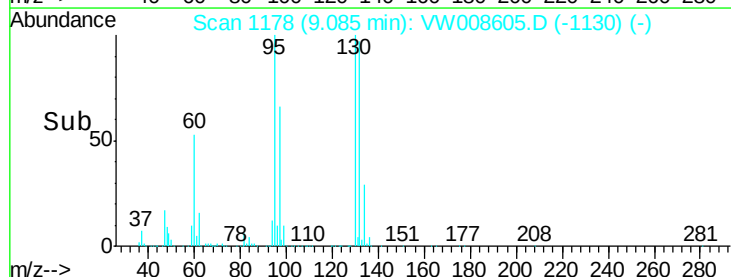
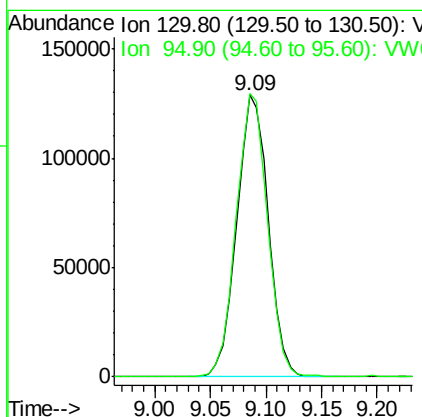
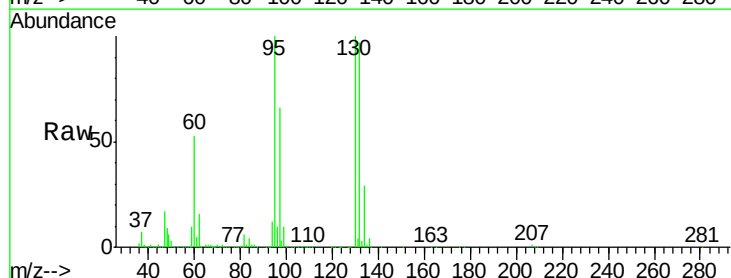
RT: 9.09 min Scan# 1178

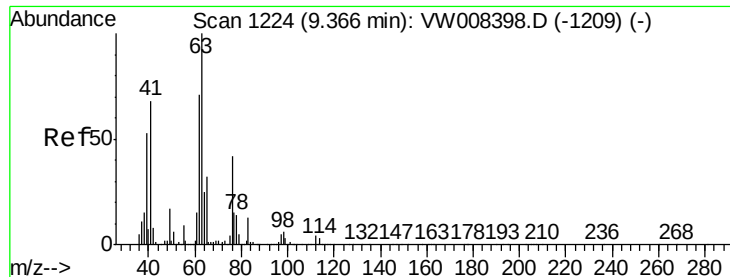
Delta R.T. -0.01 min

Lab File: VW008605.D

Acq: 11 Feb 2019 18:41

Tgt Ion:	130	Resp:	252423
Ion Ratio	Lower	Upper	
130	100		
95	100.3	0.0	191.6





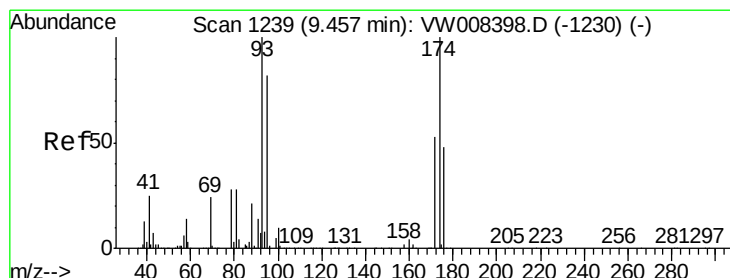
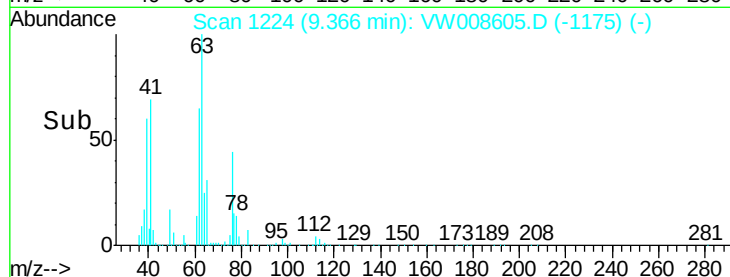
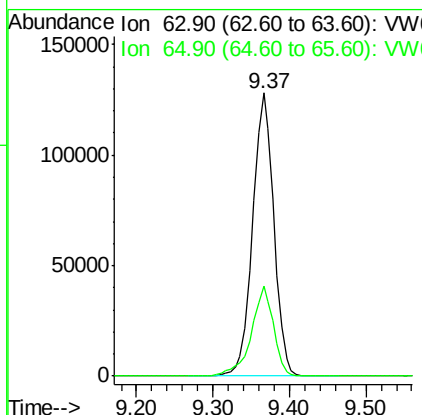
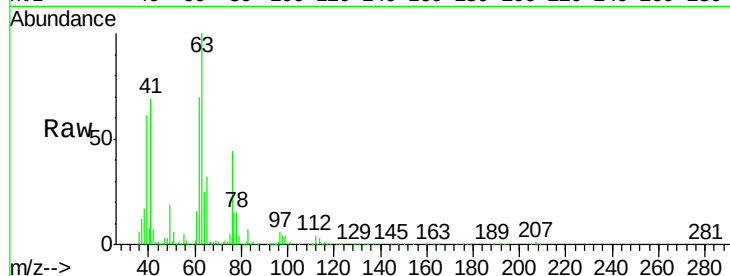
#45
 1,2-Dichloropropane
 Concen: 56.548 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW008605.D
 Acq: 11 Feb 2019 18:41

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-10(0-5)MSD

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.4	25.2	37.8

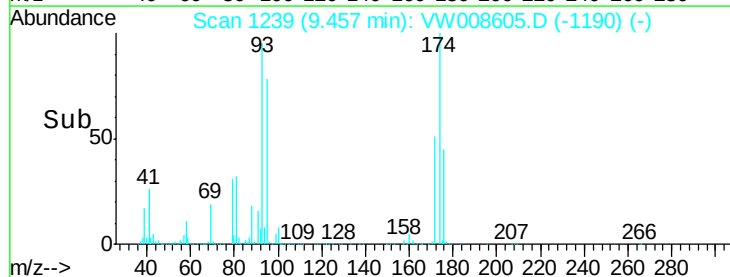
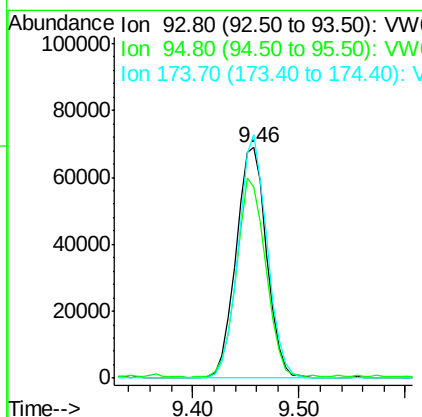
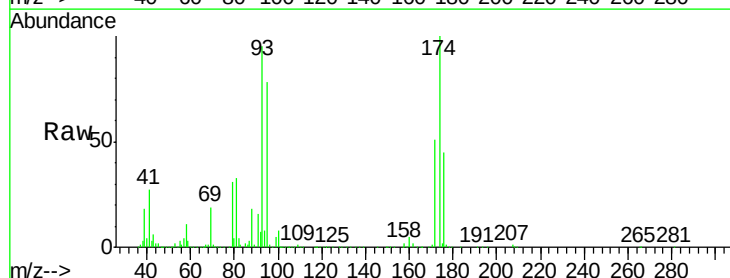
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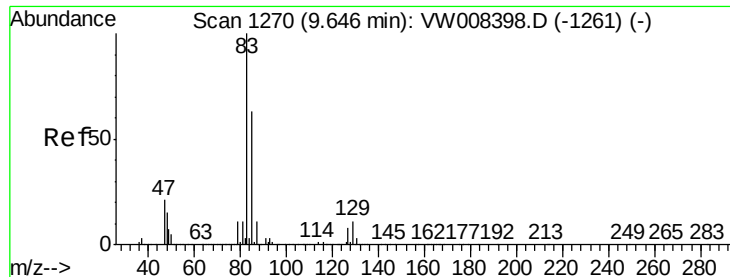
MMDadoda
 2/12/2019 1:43:22 PM



#46
 Dibromomethane
 Concen: 61.371 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW008605.D
 Acq: 11 Feb 2019 18:41

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.7	65.9	98.9
174	99.6	81.0	121.6





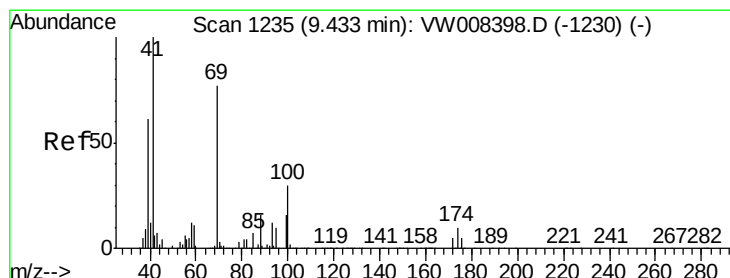
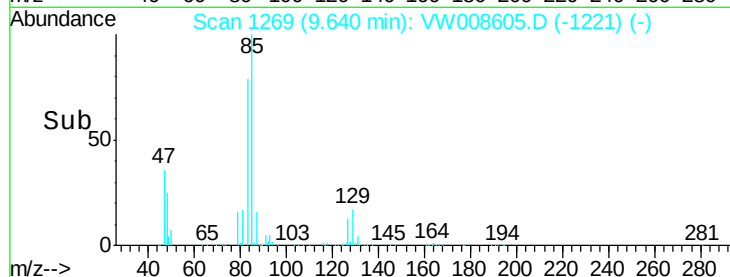
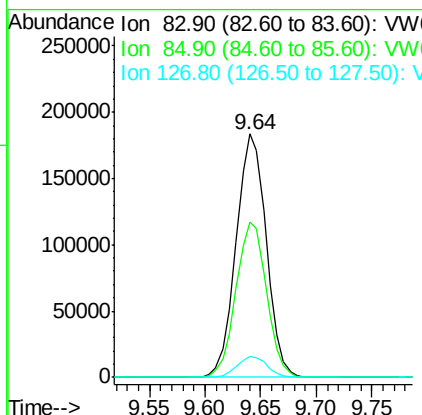
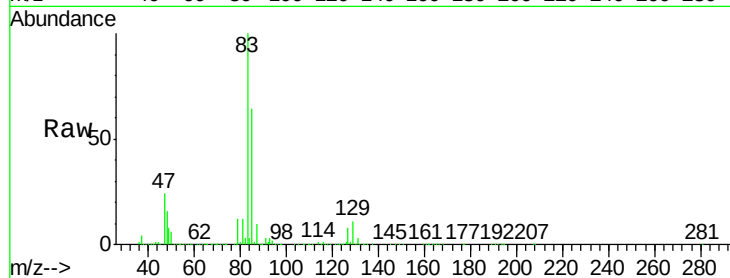
#47
Bromodichloromethane
Concen: 57.499 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.01 min
Lab File: VW008605.D
Acq: 11 Feb 2019 18:41

Instrument :
MSVOA_W
ClientSampleId :
SB-10(0-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
83	100	343036		
85	63.7	50.8	76.2	
127	8.4	6.8	10.2	

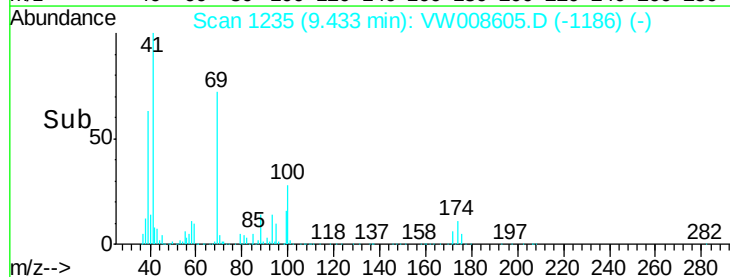
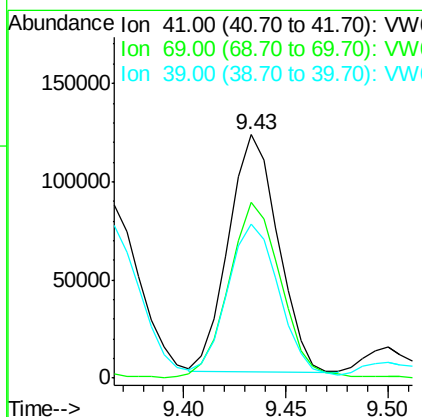
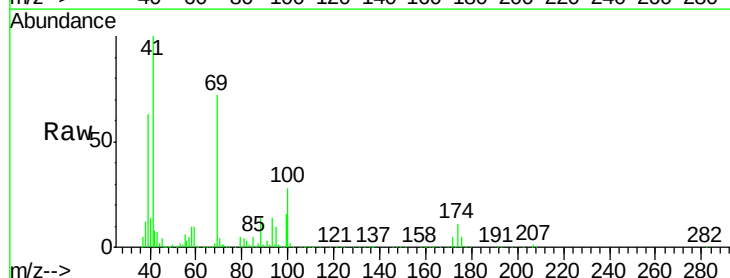
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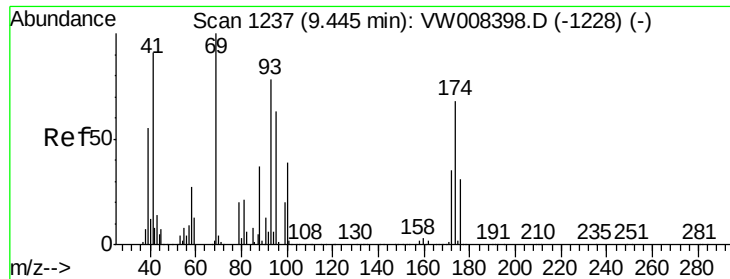
MMDadoda
2/12/2019 1:43:22 PM



#48
Methyl methacrylate
Concen: 71.484 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VW008605.D
Acq: 11 Feb 2019 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	203631		
69	77.3	64.8	97.2	
39	68.2	49.1	73.7	





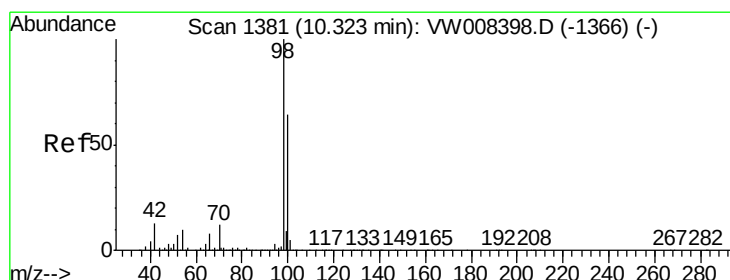
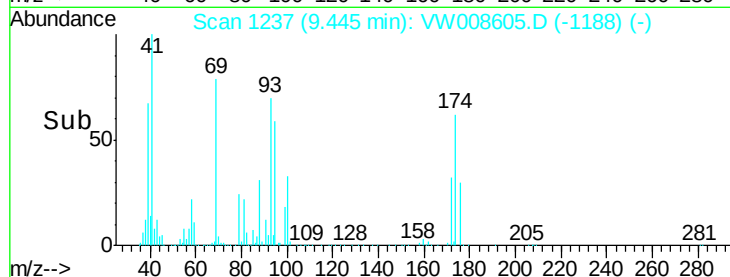
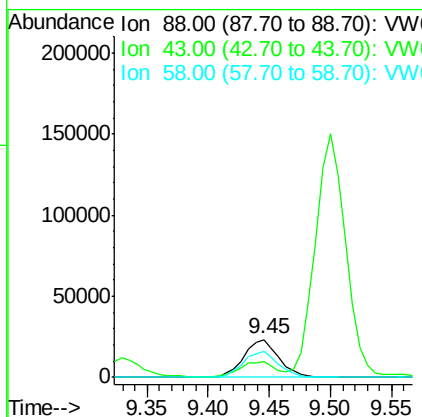
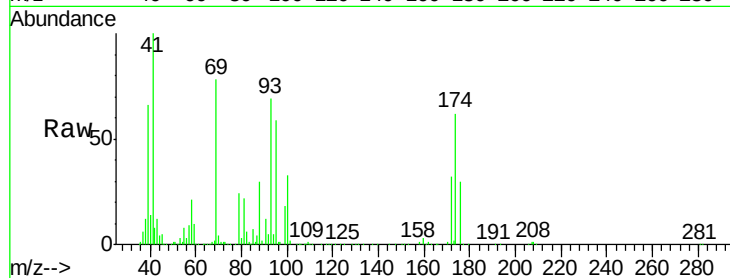
#49
1,4-Dioxane
Concen: 1210.025 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VW008605.D
Acq: 11 Feb 2019 18:41

Instrument :
MSVOA_W
ClientSampleId :
SB-10(0-5)MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	39.9	29.0	43.4
58	70.0	56.4	84.6

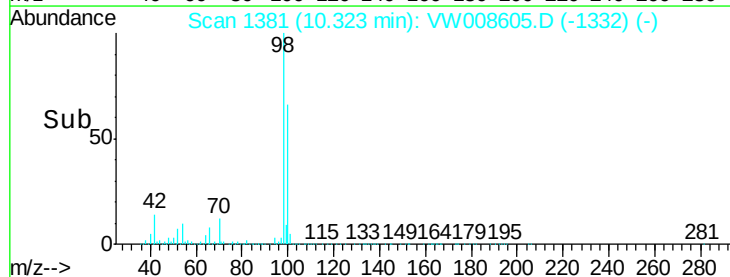
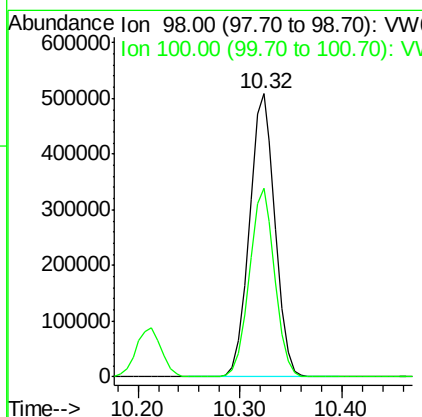
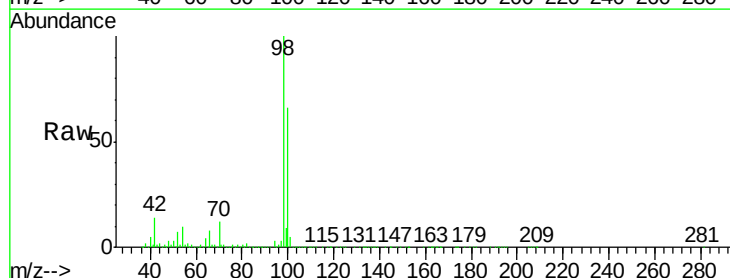
Manual Integrations
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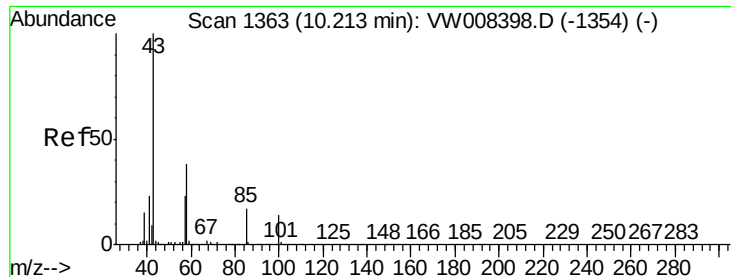
MMDadoda
2/12/2019 1:43:22 PM



#50
Toluene-d8
Concen: 56.376 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008605.D
Acq: 11 Feb 2019 18:41

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.6	78.8





#51

4-Methyl-2-Pentanone

Concen: 365.026 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.01 min

Lab File: VW008605.D

Acq: 11 Feb 2019 18:41

Instrument :

MSVOA_W

ClientSampleId :

SB-10(0-5)MSD

Tot Ion: 43 Resp: 1050605

Ion Ratio Lower Upper

43 100

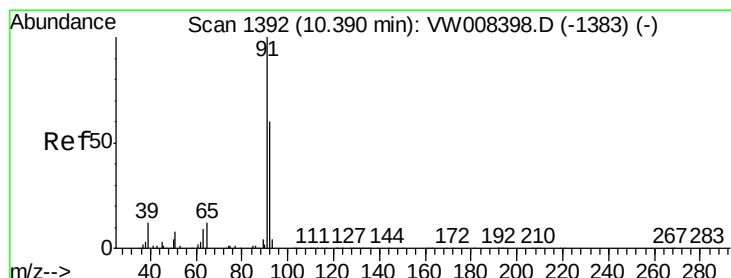
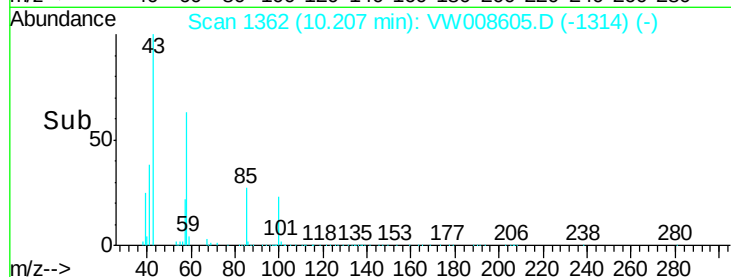
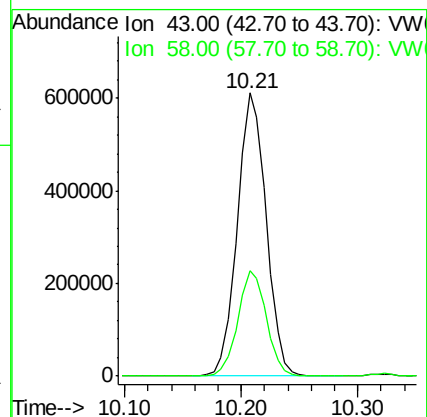
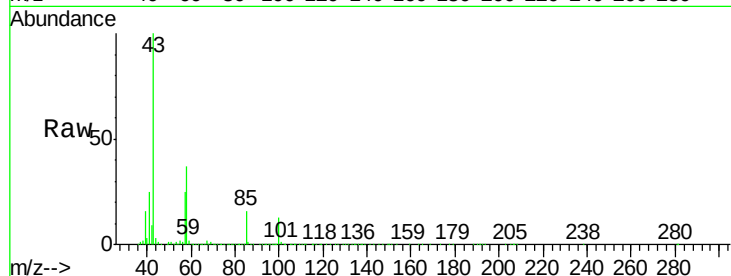
58 36.8 29.7 44.5

Manual Integrations

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MMDadoda

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#52

Toluene

Concen: 57.031 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW008605.D

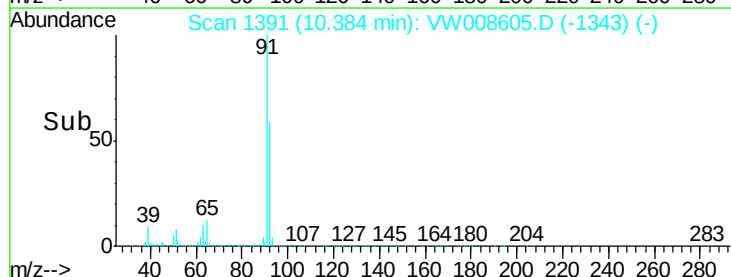
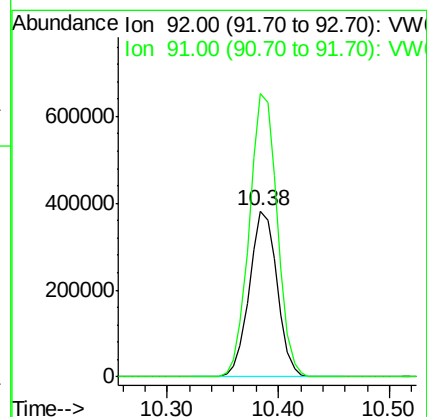
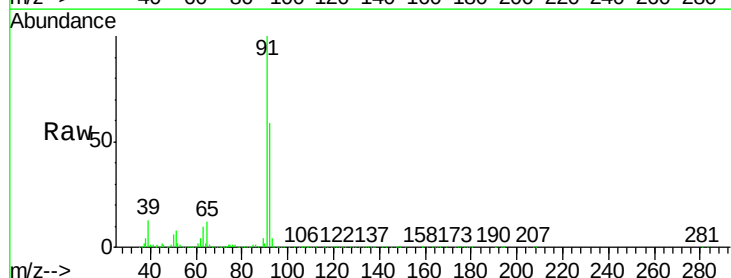
Acq: 11 Feb 2019 18:41

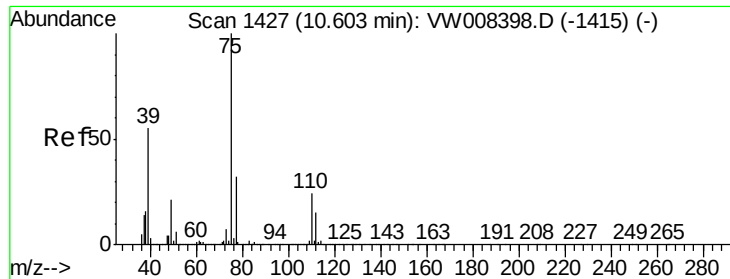
Tgt Ion: 92 Resp: 662133

Ion Ratio Lower Upper

92 100

91 171.5 135.5 203.3





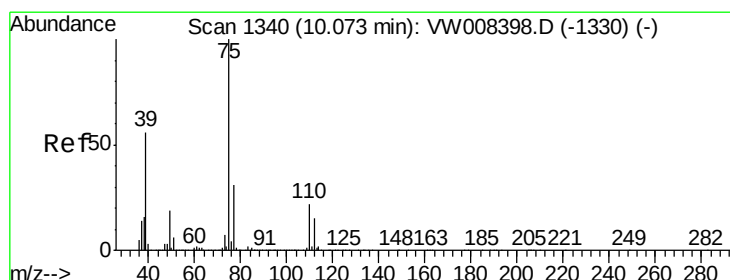
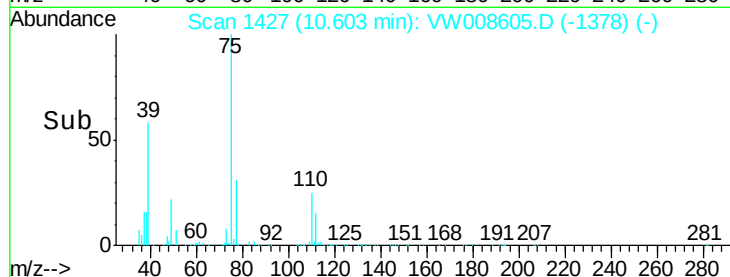
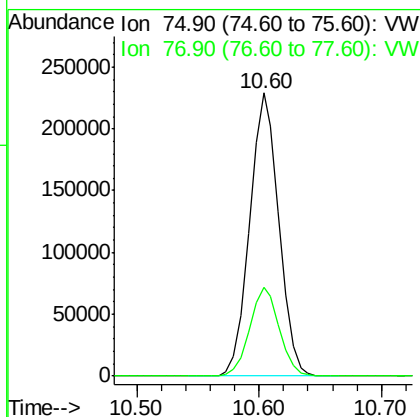
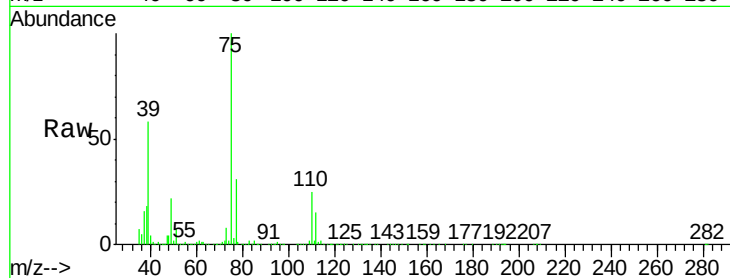
#53
t-1,3-Dichloropropene
Concen: 59.773 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. 0.00 min
Lab File: VW008605.D
Acq: 11 Feb 2019 18:41

Instrument :
MSVOA_W
ClientSampleId :
SB-10(0-5)MSD

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.1	25.3	37.9

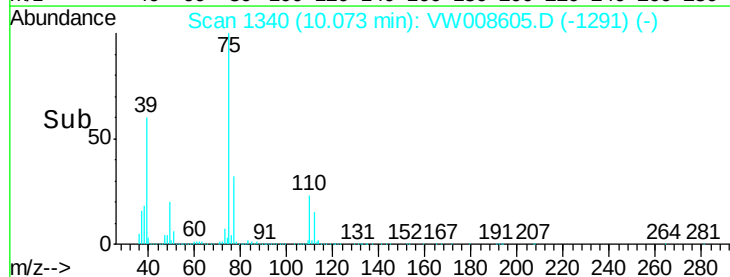
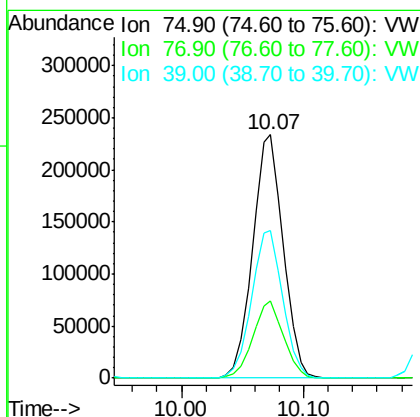
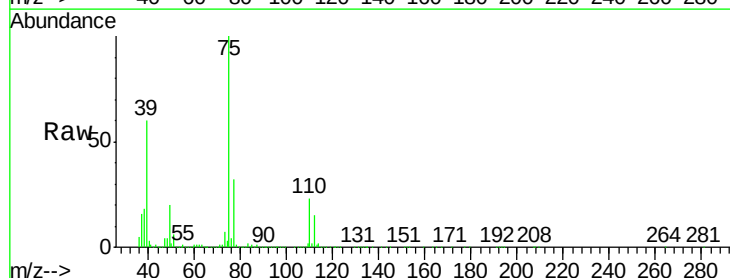
Manual Integrations
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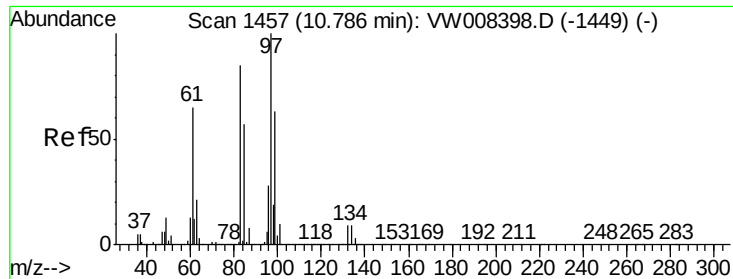
MMDadoda
2/12/2019 1:43:22 PM



#54
cis-1,3-Dichloropropene
Concen: 56.417 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW008605.D
Acq: 11 Feb 2019 18:41

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.0	37.4
39	60.2	44.9	67.3





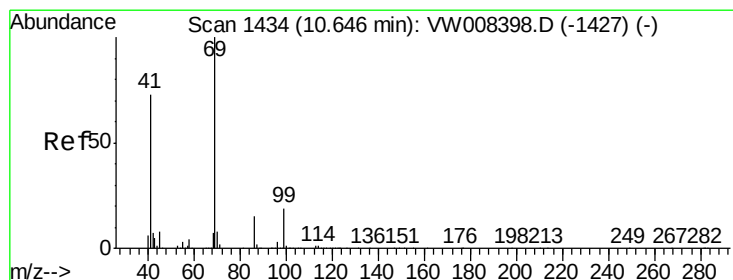
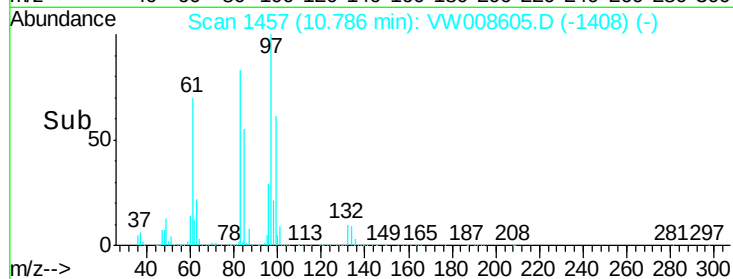
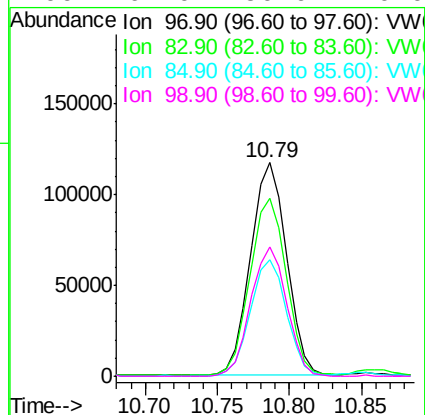
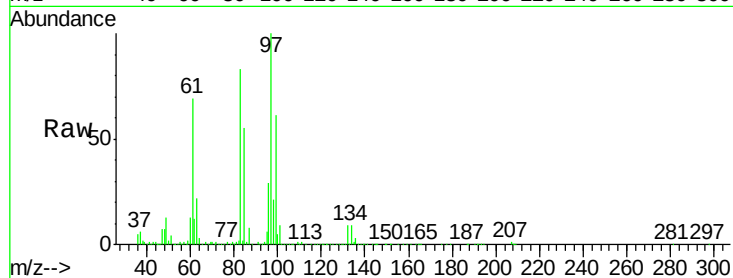
#55
 1,1,2-Trichloroethane
 Concen: 64.694 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW008605.D
 Acq: 11 Feb 2019 18:41

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-10(0-5)MSD

Tot Ion	97	Resp	202401
Ion Ratio	Lower	Upper	
97	100		
83	83.0	68.4	102.6
85	55.0	45.3	67.9
99	61.0	50.6	76.0

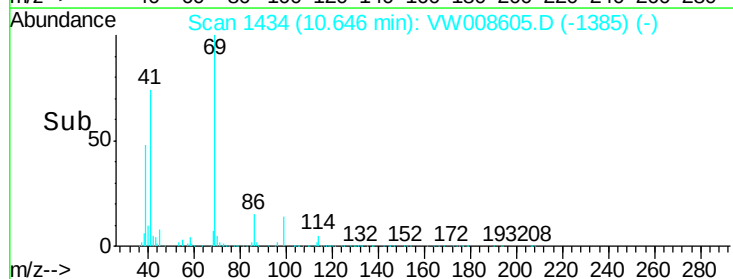
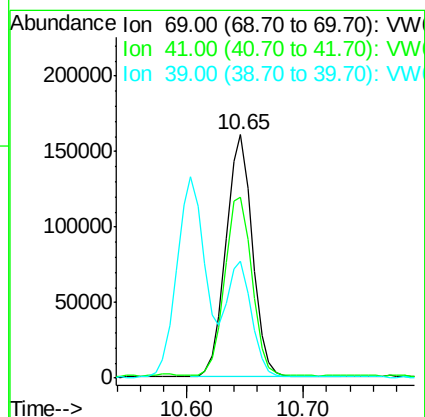
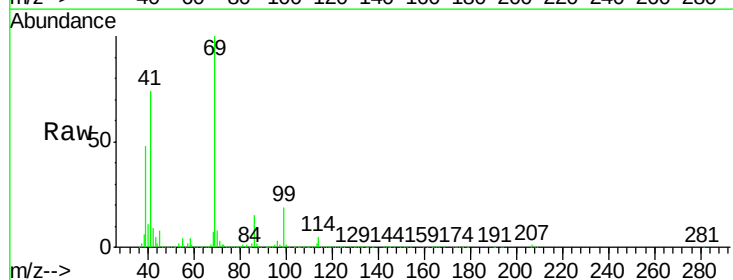
Manual Integrations
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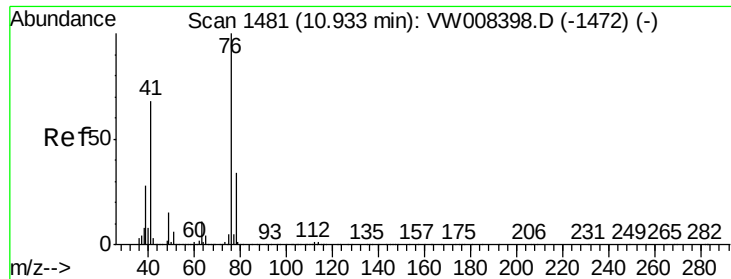
MMDadoda
 2/12/2019 1:43:22 PM



#56
 Ethyl methacrylate
 Concen: 57.641 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW008605.D
 Acq: 11 Feb 2019 18:41

Tgt Ion	69	Resp	252688
Ion Ratio	Lower	Upper	
69	100		
41	76.0	58.7	88.1
39	43.6	32.6	48.8





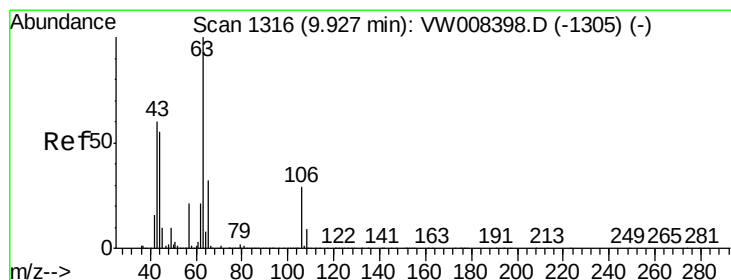
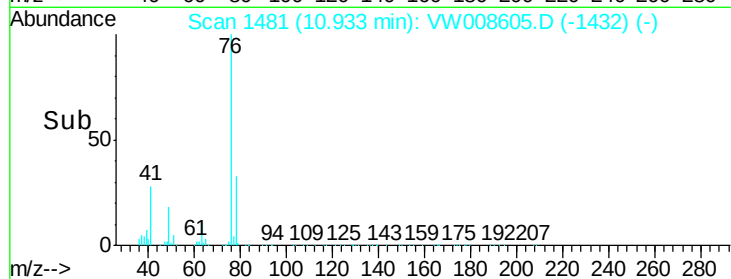
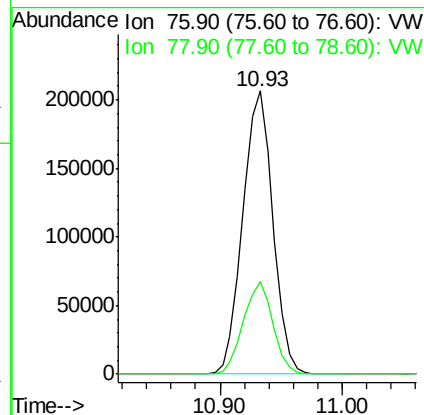
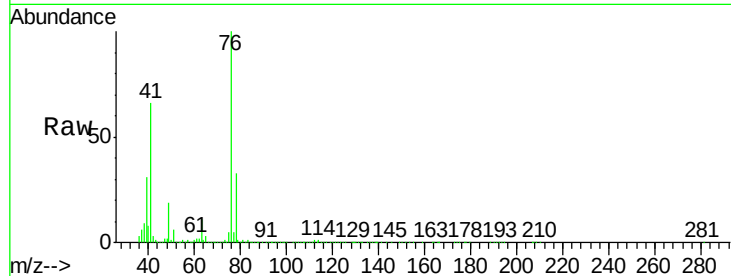
#57
 1,3-Dichloropropane
 Concen: 62.762 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW008605.D
 Acq: 11 Feb 2019 18:41

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-10(0-5)MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.8	38.8

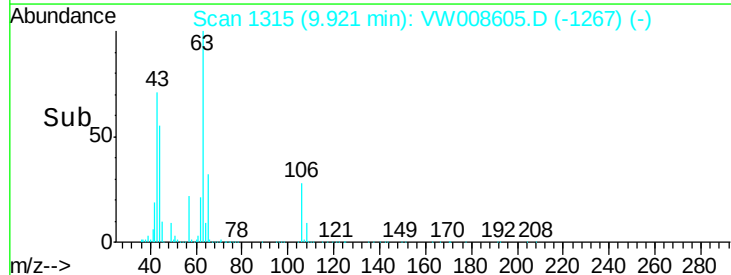
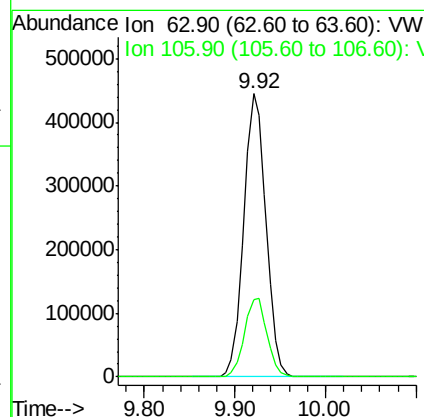
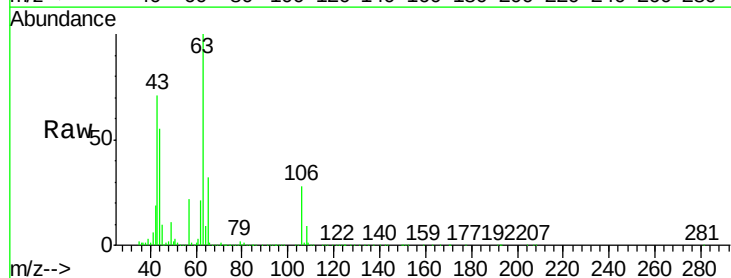
Manual Integrations
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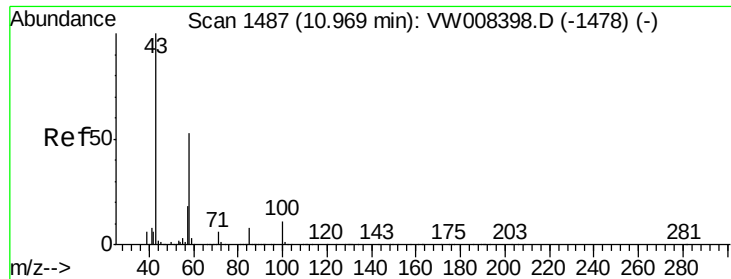
MMDadoda
 2/12/2019 1:43:22 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 353.513 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VW008605.D
 Acq: 11 Feb 2019 18:41

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.3	22.4	33.6





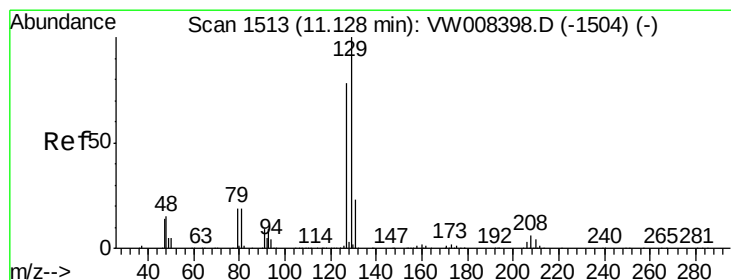
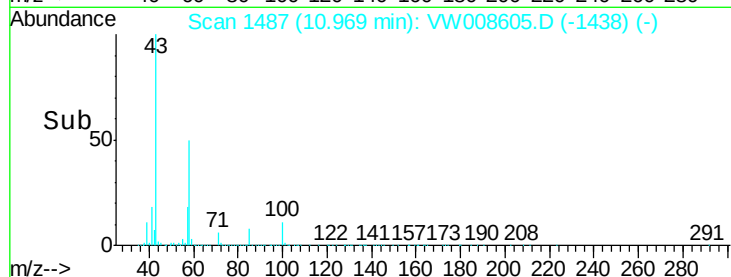
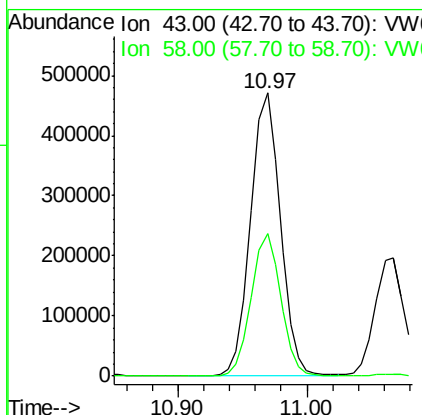
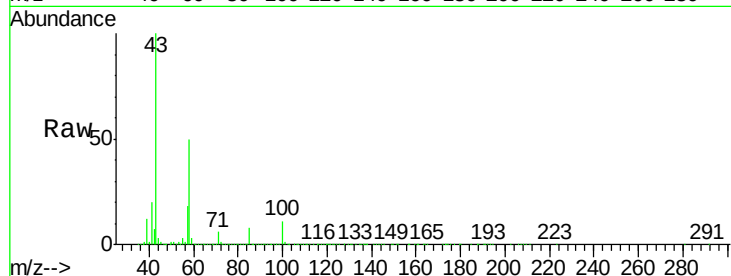
#59
2-Hexanone
Concen: 369.735 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW008605.D
Acq: 11 Feb 2019 18:41

Instrument :
MSVOA_W
ClientSampleId :
SB-10(0-5)MSD

Tot Ion	Ratio	Lower	Upper
43	100		
58	50.1	25.9	77.7

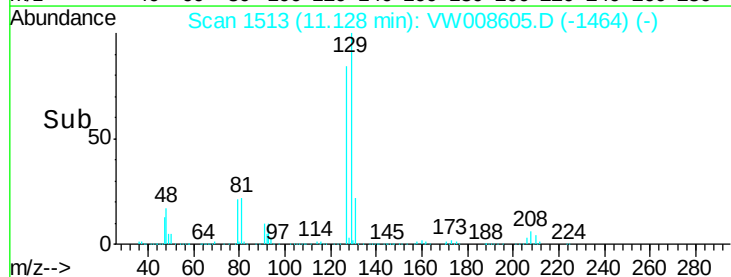
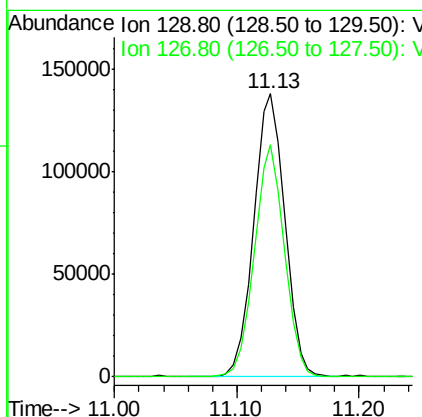
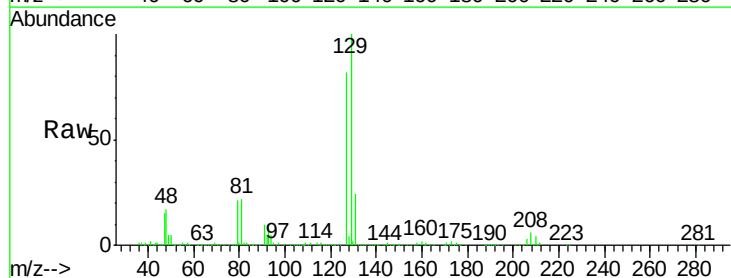
Manual Integrations
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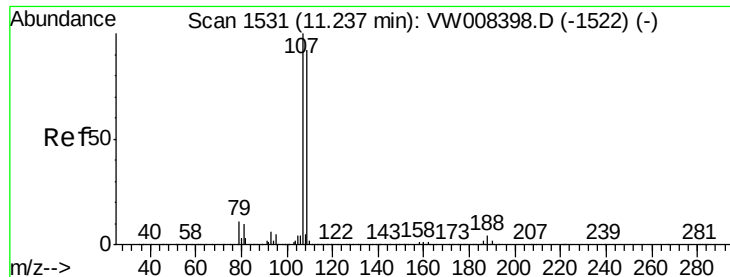
MMDadoda
2/12/2019 1:43:22 PM



#60
Dibromochloromethane
Concen: 60.754 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW008605.D
Acq: 11 Feb 2019 18:41

Tgt Ion	Ratio	Lower	Upper
129	100		
127	79.3	39.1	117.2





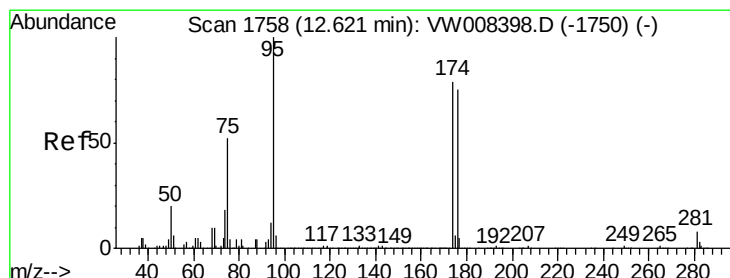
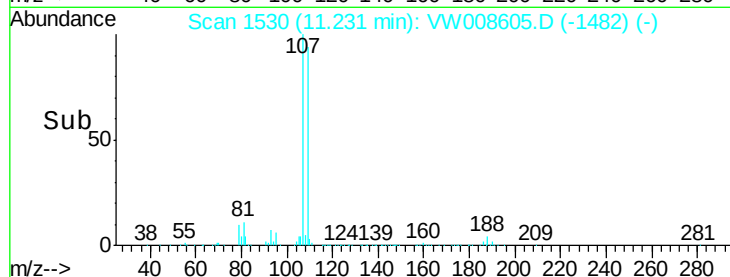
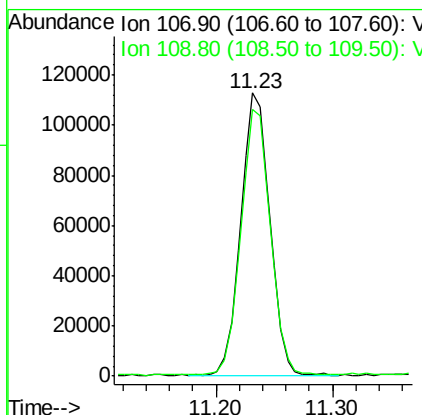
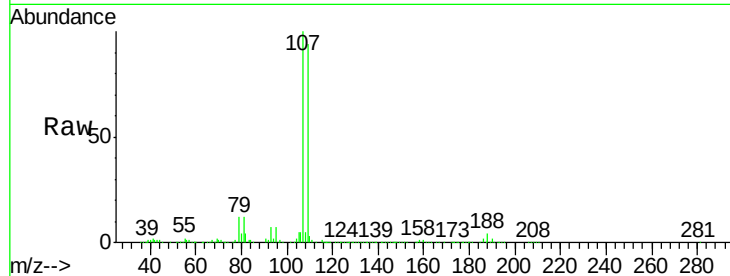
#61
 1,2-Dibromoethane
 Concen: 62.930 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW008605.D
 Acq: 11 Feb 2019 18:41

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-10(0-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	195215		
109	95.8	75.0	112.4	

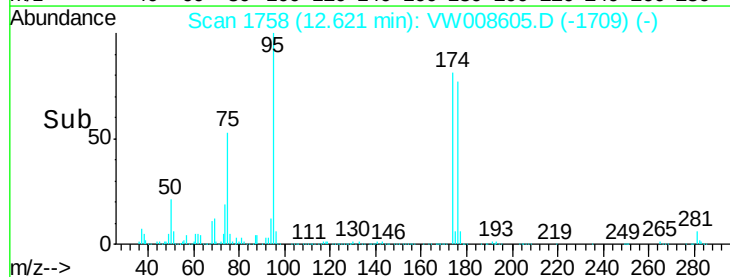
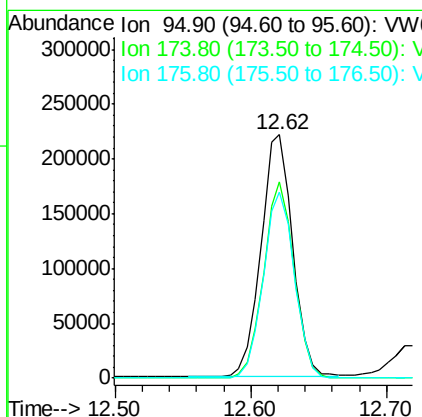
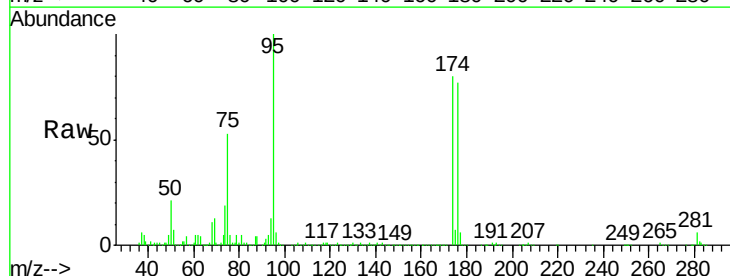
Manual Integrations
 APPROVED

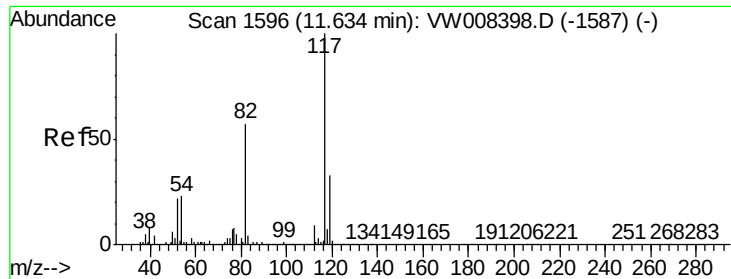
MMDadoda
 2/12/2019 1:43:22 PM



#62
 4-Bromofluorobenzene
 Concen: 60.114 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW008605.D
 Acq: 11 Feb 2019 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	363549		
174	77.2	0.0	157.6	
176	75.0	0.0	151.8	





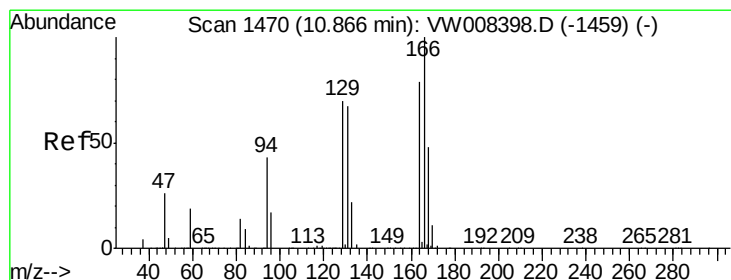
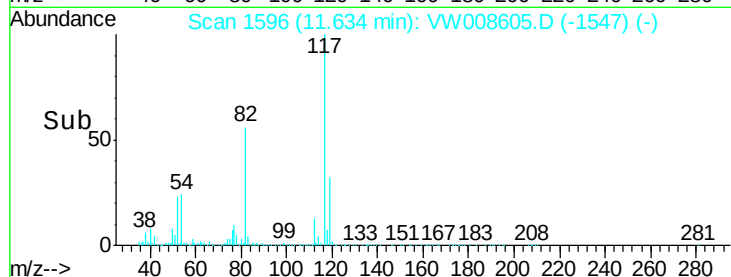
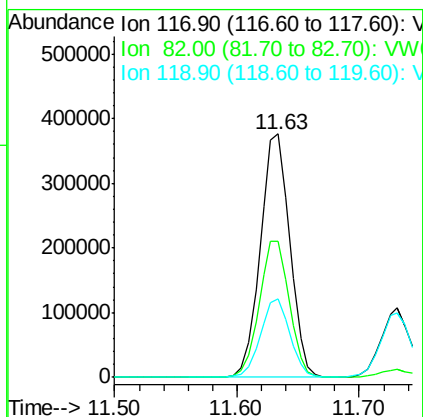
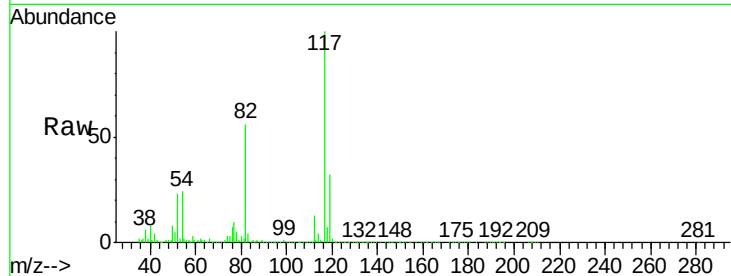
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008605.D
Acq: 11 Feb 2019 18:41

Instrument :
MSVOA_W
ClientSampleId :
SB-10(0-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
117	100	631624		
82	55.9	45.4	68.0	
119	31.9	26.2	39.4	

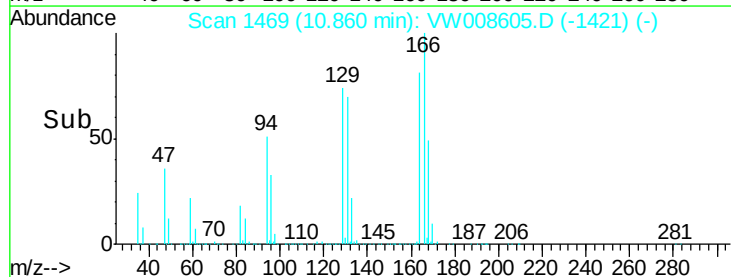
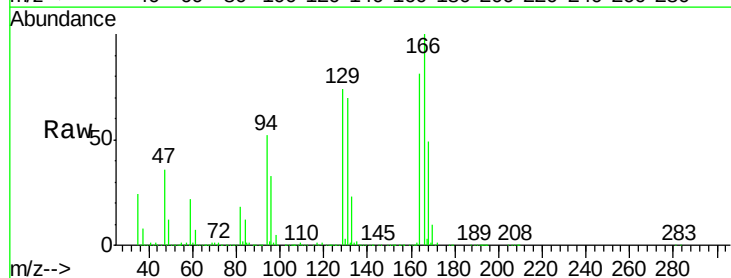
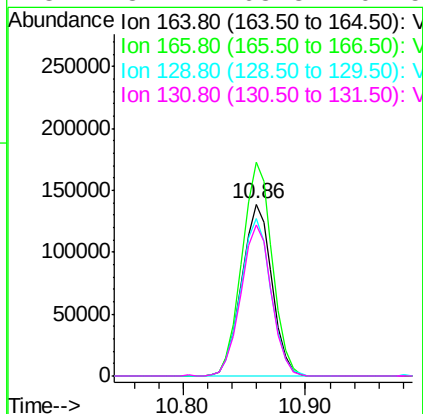
Manual Integrations
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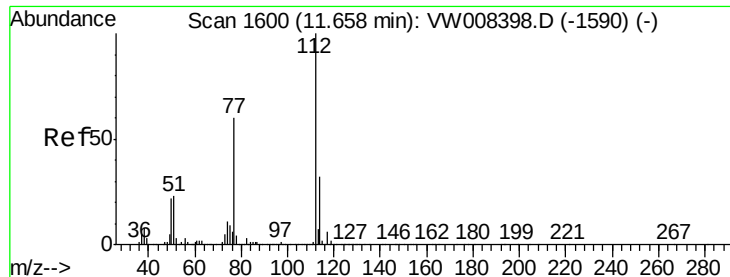
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#64
Tetrachloroethene
Concen: 55.513 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW008605.D
Acq: 11 Feb 2019 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	237399		
166	124.2	101.4	152.0	
129	91.7	71.0	106.6	
131	87.4	68.3	102.5	





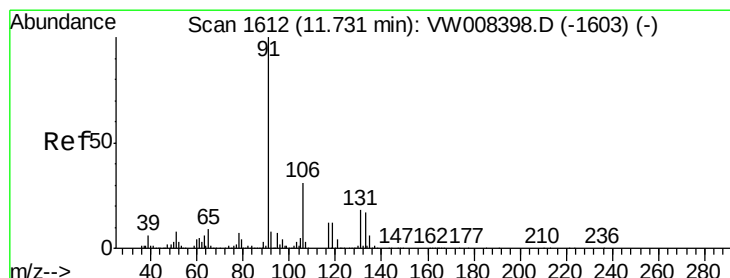
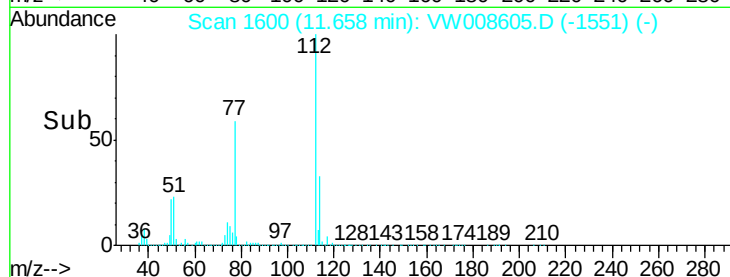
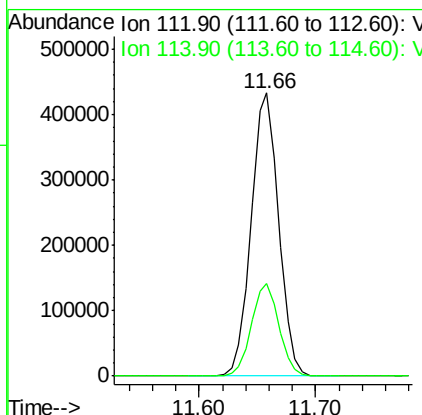
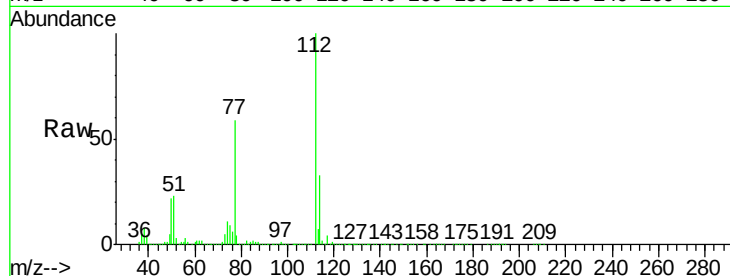
#65
Chlorobenzene
Concen: 55.306 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW008605.D
Acq: 11 Feb 2019 18:41

Instrument :
MSVOA_W
ClientSampleId :
SB-10(0-5)MSD

Tot Ion:112 Resp: 713100
Ion Ratio Lower Upper
112 100
114 32.7 25.4 38.2

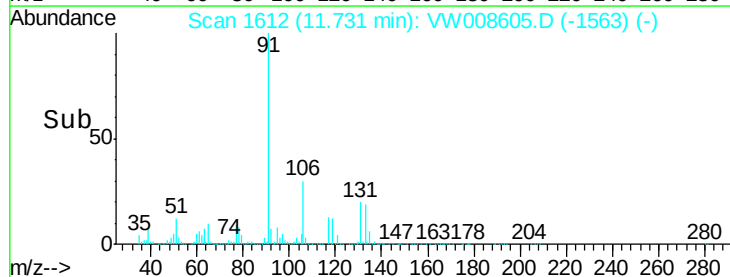
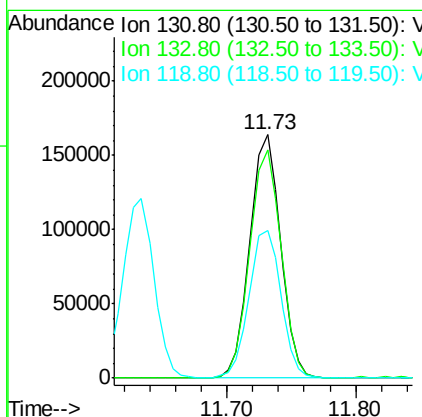
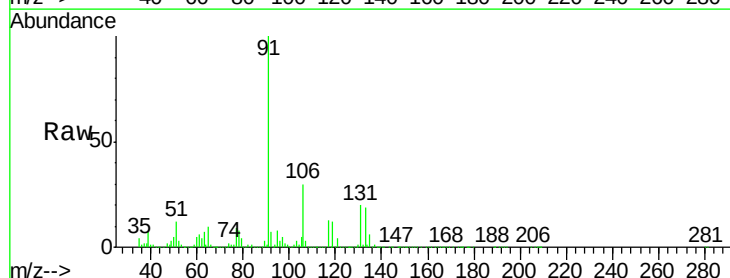
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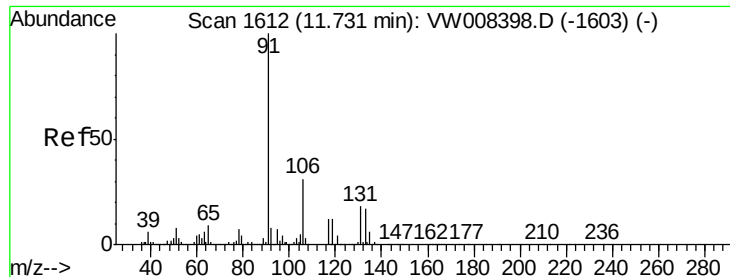
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#66
1,1,1,2-Tetrachloroethane
Concen: 58.584 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008605.D
Acq: 11 Feb 2019 18:41

Tgt Ion:131 Resp: 270254
Ion Ratio Lower Upper
131 100
133 95.8 47.0 141.2
119 63.1 32.1 96.3





#67

Ethyl Benzene

Concen: 55.275 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW008605.D

Acq: 11 Feb 2019 18:41

Instrument :

MSVOA_W

ClientSampleId :

SB-10(0-5)MSD

Tot Ion: 91 Resp: 1310063

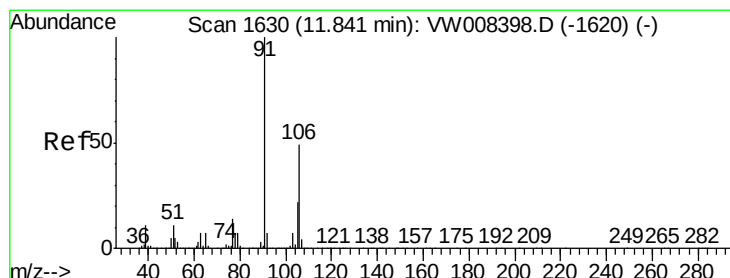
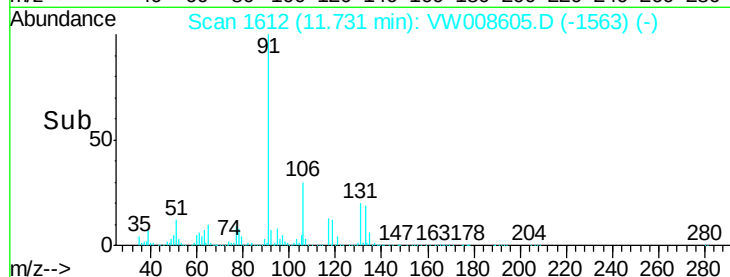
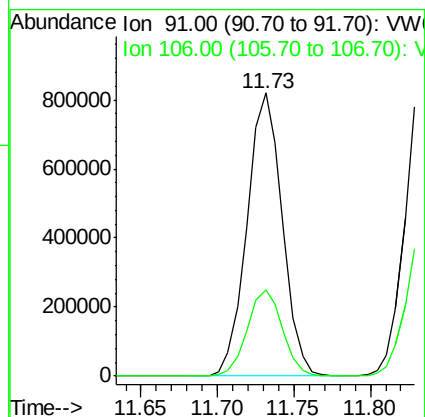
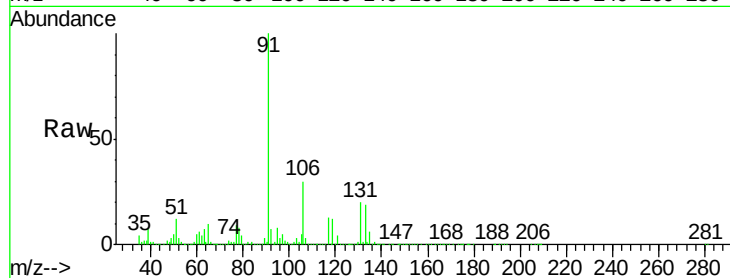
Ion Ratio Lower Upper

91 100

106 30.4 24.7 37.1

Manual Integrations
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#68

m/p-Xylenes

Concen: 109.783 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW008605.D

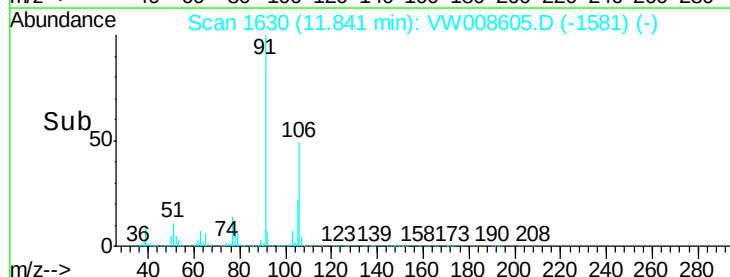
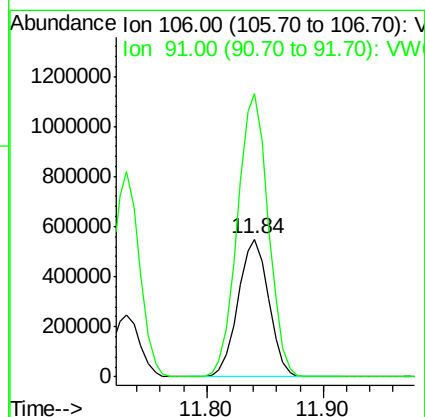
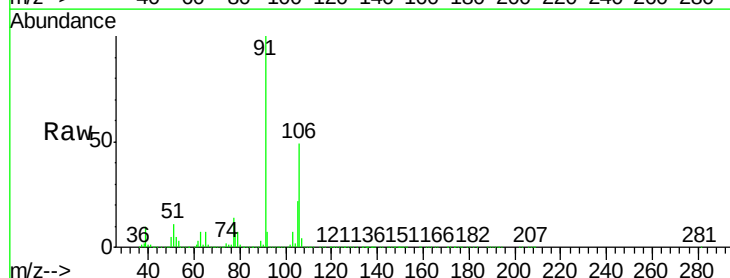
Acq: 11 Feb 2019 18:41

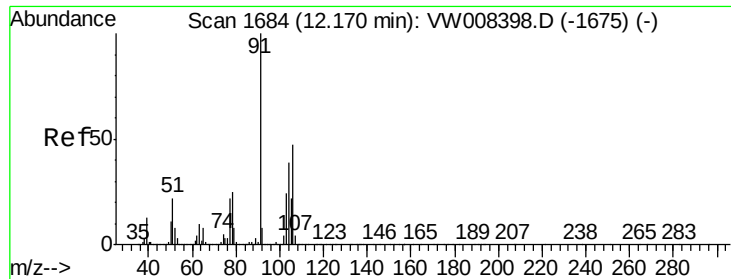
Tgt Ion:106 Resp: 1009535

Ion Ratio Lower Upper

106 100

91 206.5 162.9 244.3





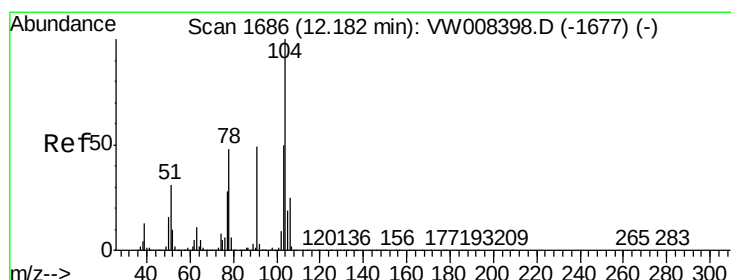
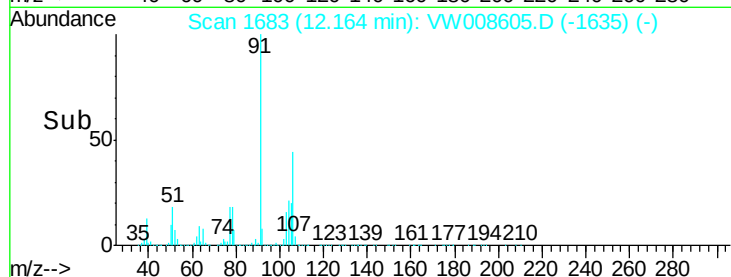
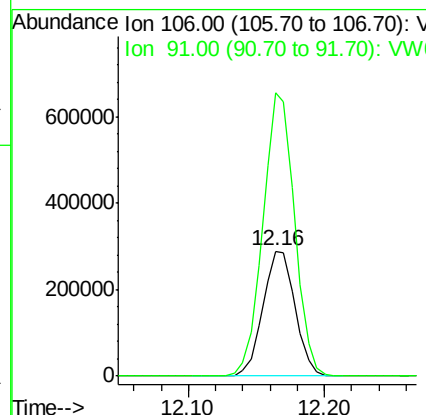
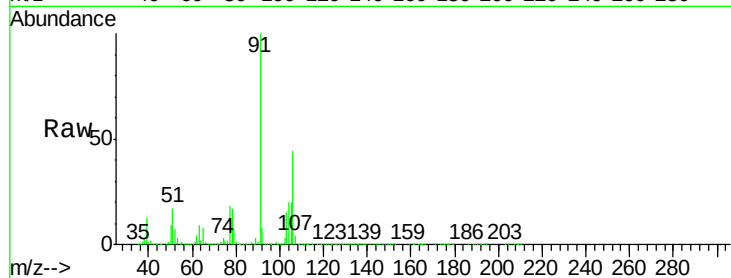
#69
o-Xylene
Concen: 54.799 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW008605.D
Acq: 11 Feb 2019 18:41

Instrument :
MSVOA_W
ClientSampleId :
SB-10(0-5)MSD

Tot Ion	Ratio	Lower	Upper
106	100		
91	222.4	107.5	322.4

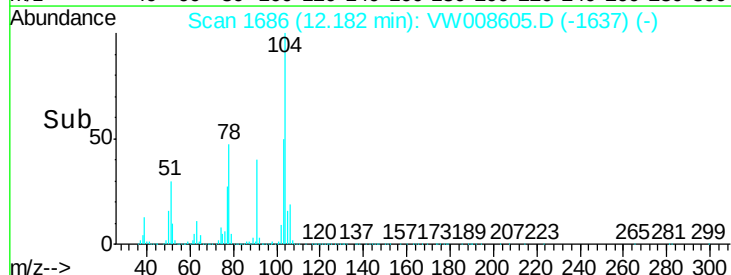
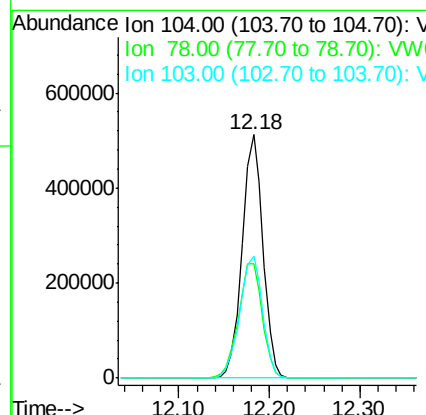
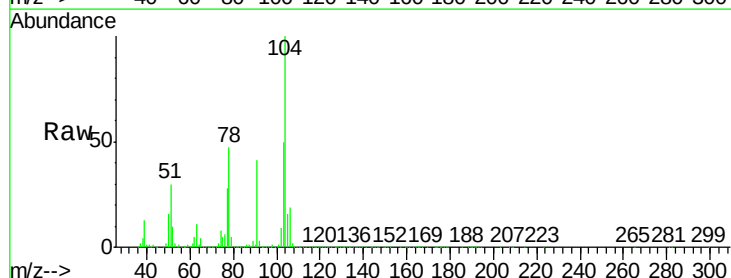
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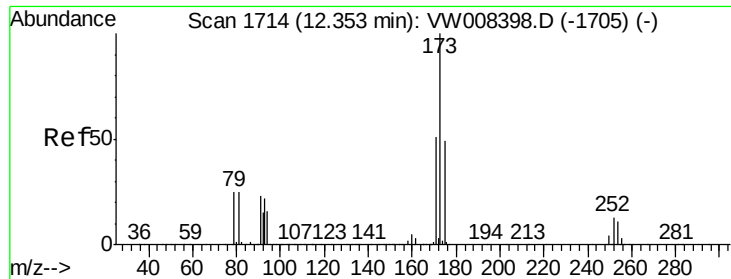
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#70
Styrene
Concen: 56.335 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW008605.D
Acq: 11 Feb 2019 18:41

Tgt Ion	Ratio	Lower	Upper
104	100		
78	54.2	42.4	63.6
103	55.2	43.4	65.0





#71

Bromoform

Concen: 62.434 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: VW008605.D

Acq: 11 Feb 2019 18:41

Instrument :

MSVOA_W

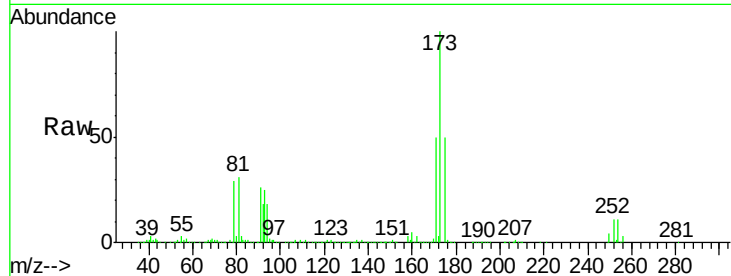
ClientSampleId :

SB-10(0-5)MSD

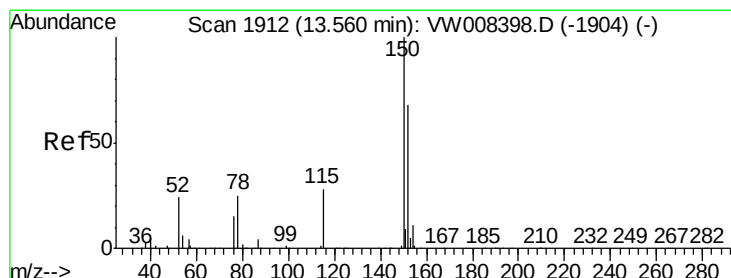
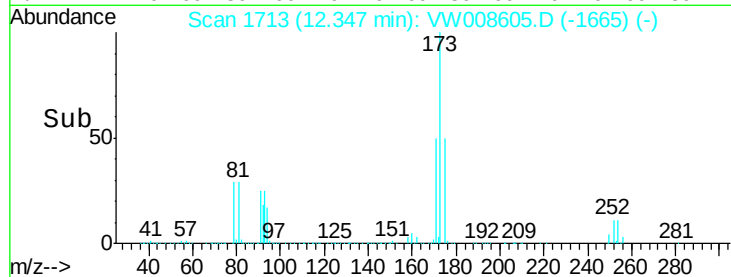
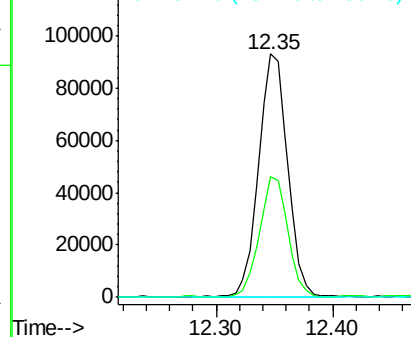
Tot Ion:	173	Resp:	162048
Ion Ratio	Lower	Upper	
173	100		
175	48.2	24.4	73.4
254	0.2	0.2	0.2

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

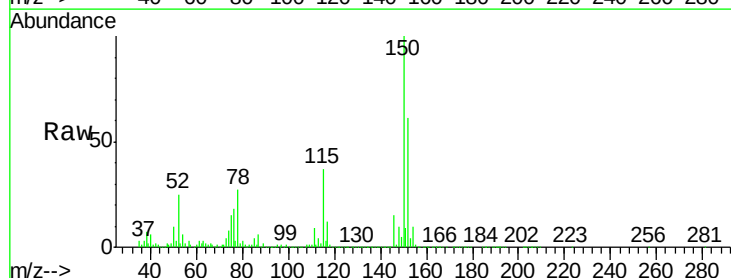
RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

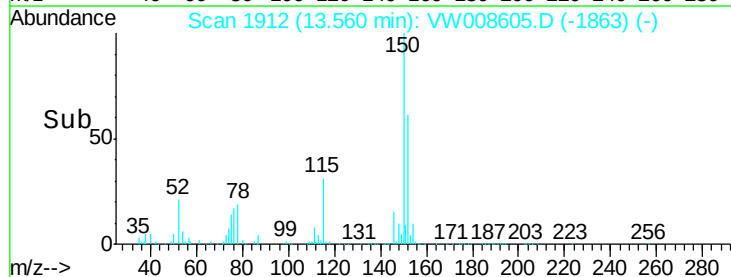
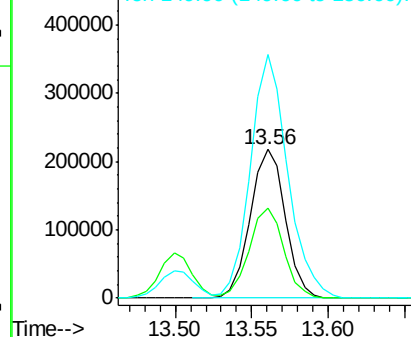
Lab File: VW008605.D

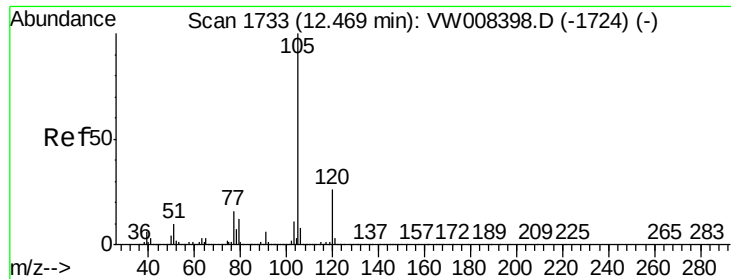
Acq: 11 Feb 2019 18:41

Tgt Ion:	152	Resp:	344316
Ion Ratio	Lower	Upper	
152	100		
115	59.7	29.9	89.7
150	175.3	0.0	351.4



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





#73

Isopropylbenzene

Concen: 53.298 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW008605.D

Acq: 11 Feb 2019 18:41

Instrument :

MSVOA_W

ClientSampleId :

SB-10(0-5)MSD

Tot Ion:105 Resp: 1368131

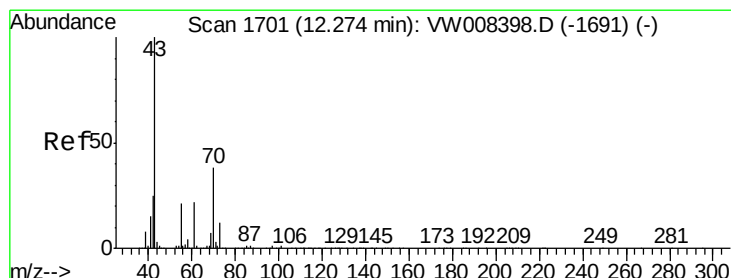
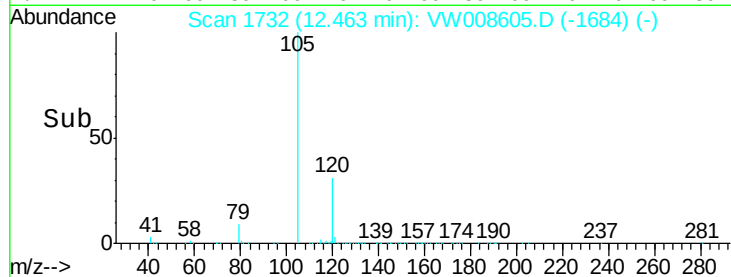
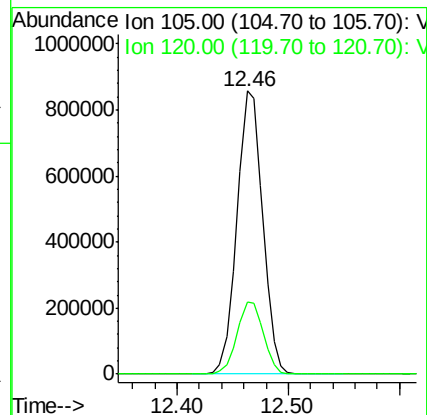
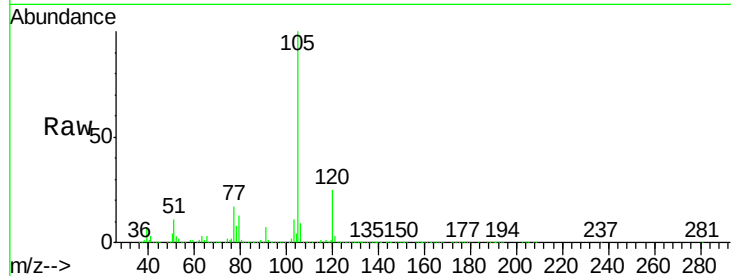
Ion Ratio Lower Upper

105 100

120 26.0 13.3 39.8

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#74

N-ethyl acetate

Concen: 50.946 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW008605.D

Acq: 11 Feb 2019 18:41

Tgt Ion: 43 Resp: 336902

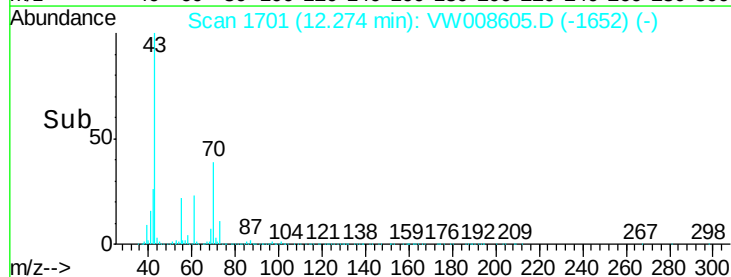
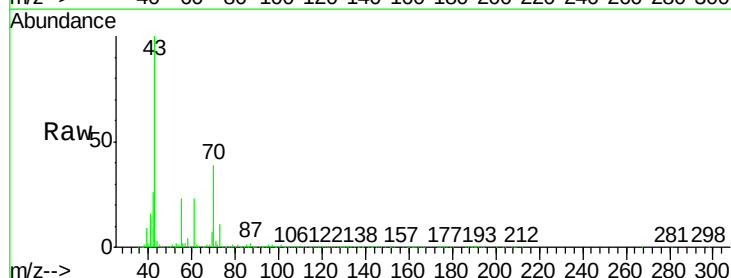
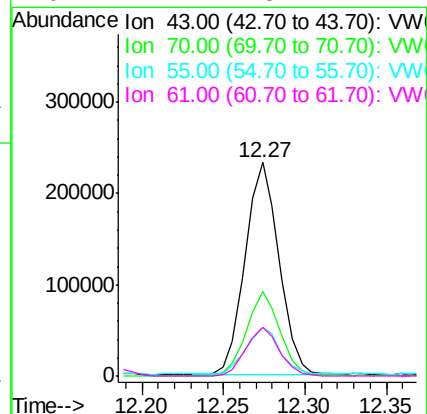
Ion Ratio Lower Upper

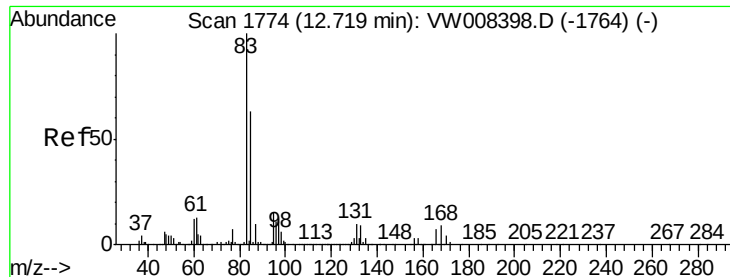
43 100

70 39.0 31.0 46.6

55 21.7 17.4 26.2

61 22.7 18.2 27.4





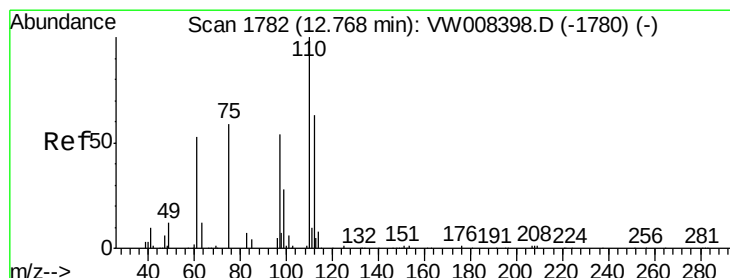
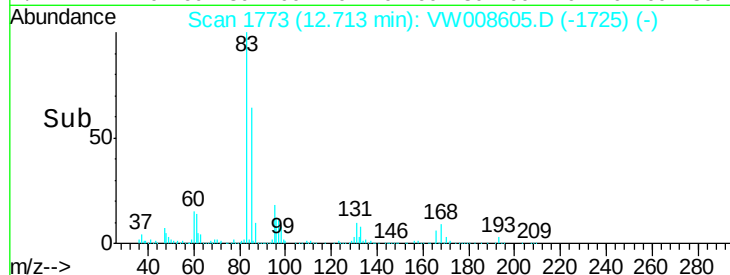
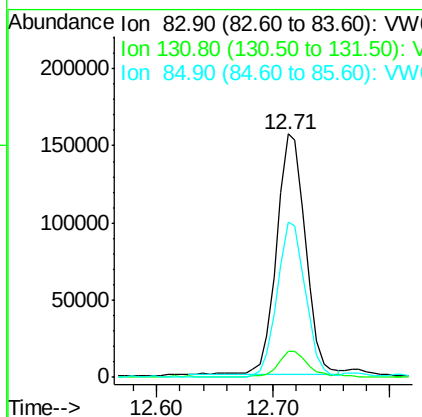
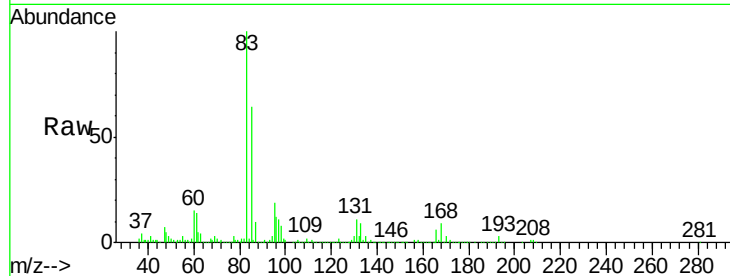
#75
 1,1,2,2-Tetrachloroethane
 Concen: 65.779 ug/l
 RT: 12.71 min Scan# 1773
 Delta R.T. -0.01 min
 Lab File: VW008605.D
 Acq: 11 Feb 2019 18:41

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-10(0-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
83	100	267323		
131	11.2	5.5	16.4	
85	62.3	31.9	95.5	

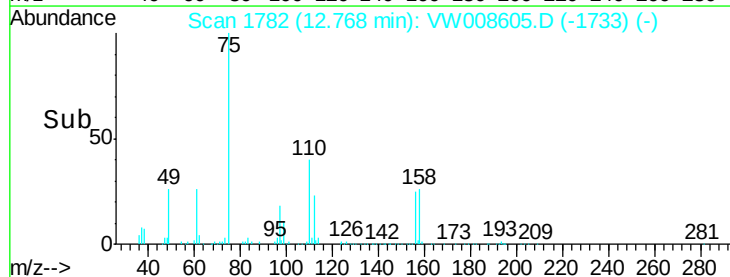
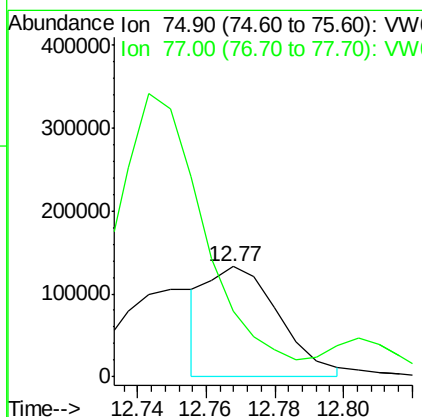
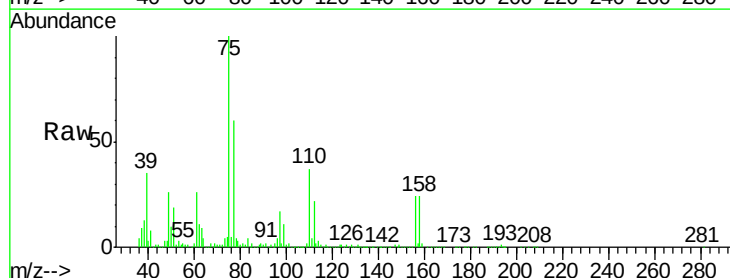
Manual Integrations
 APPROVED

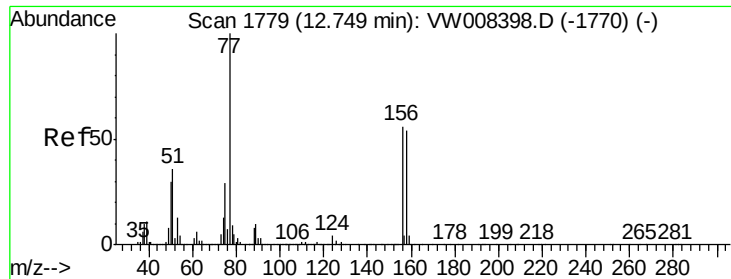
MMDadoda
 2/12/2019 1:43:22 PM



#76
 1,2,3-Trichloropropane
 Concen: 64.337 ug/l m
 RT: 12.77 min Scan# 1782
 Delta R.T. 0.00 min
 Lab File: VW008605.D
 Acq: 11 Feb 2019 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	192597		
77	0.0	180.7	542.1	#





#77

Bromobenzene

Concen: 53.711 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW008605.D

Acq: 11 Feb 2019 18:41

Instrument :

MSVOA_W

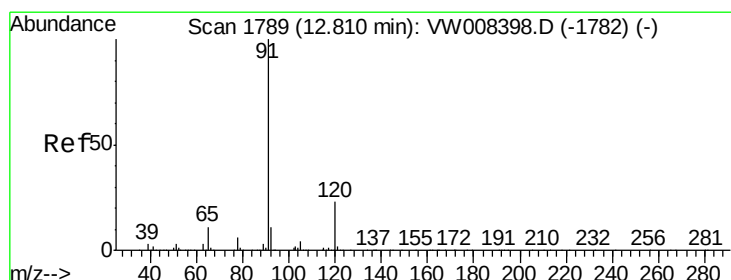
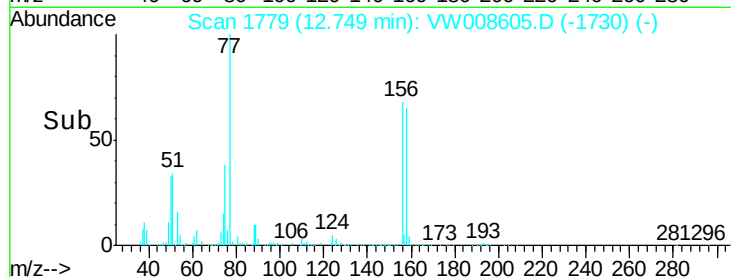
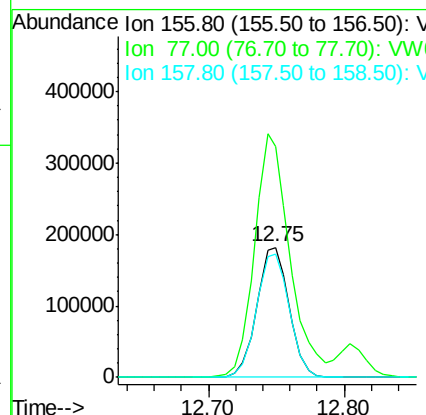
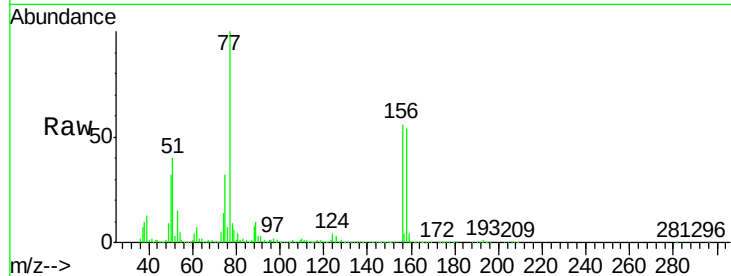
ClientSampleId :

SB-10(0-5)MSD

Tot Ion:	156	Resp:	301105
Ion Ratio	Lower	Upper	
156	100		
77	203.8	96.9	290.7
158	97.3	48.8	146.4

Manual Integrations
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#78

n-propylbenzene

Concen: 52.316 ug/l

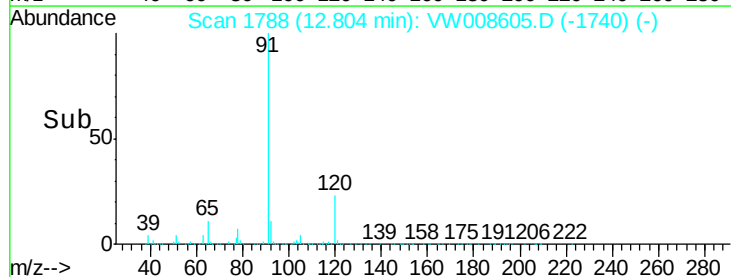
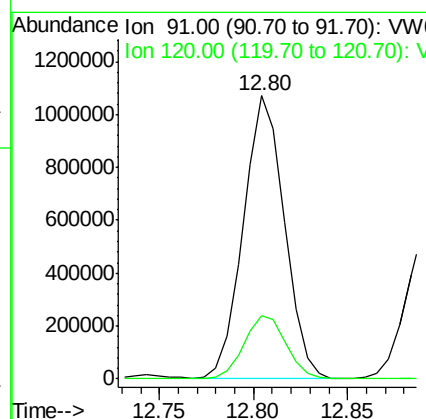
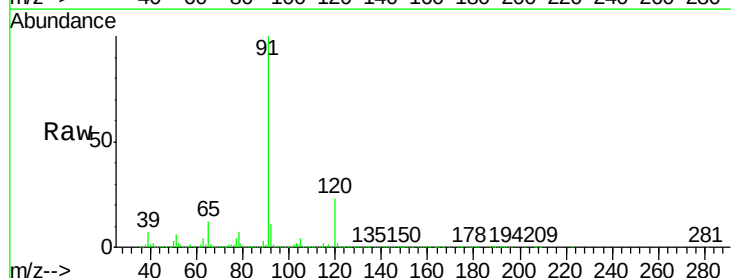
RT: 12.80 min Scan# 1788

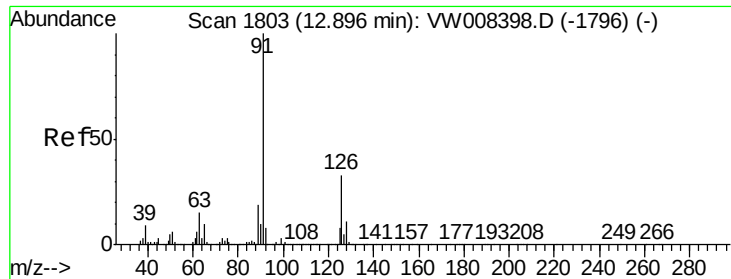
Delta R.T. -0.01 min

Lab File: VW008605.D

Acq: 11 Feb 2019 18:41

Tgt Ion:	91	Resp:	1612945
Ion Ratio	Lower	Upper	
91	100		
120	22.8	11.4	34.1





#79

2-Chlorotoluene

Concen: 53.576 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW008605.D

Acq: 11 Feb 2019 18:41

Instrument :

MSVOA_W

ClientSampleId :

SB-10(0-5)MSD

Tot Ion: 91 Resp: 932099

Ion Ratio Lower Upper

91 100

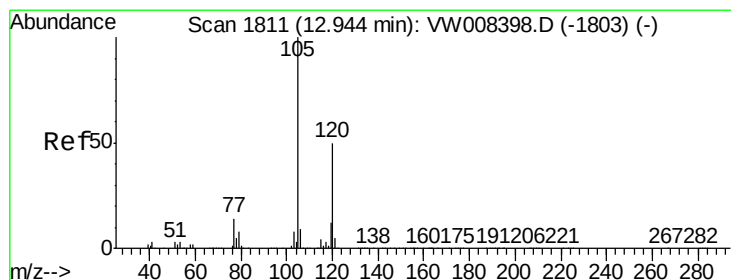
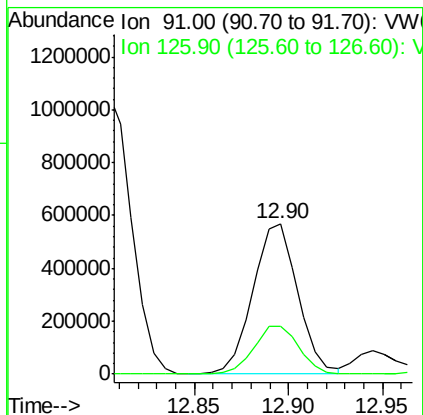
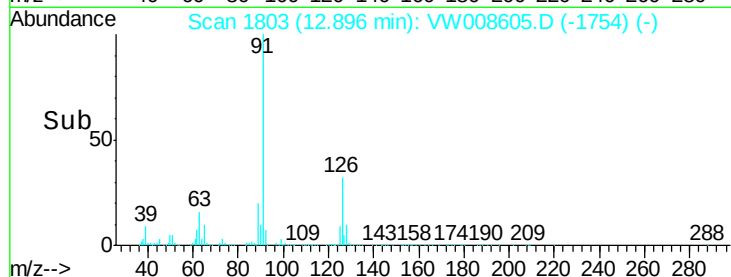
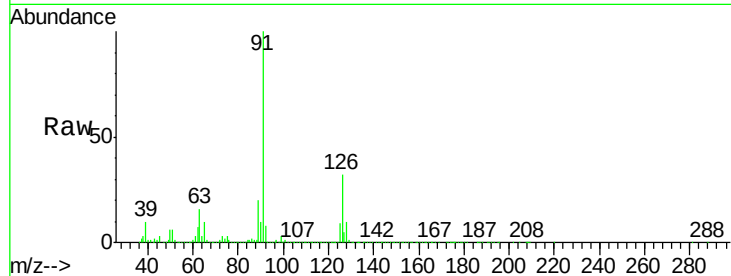
126 32.5 16.5 49.5

Manual Integrations

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MMDadoda

2/12/2019 1:43:22 PM



#80

1,3,5-Trimethylbenzene

Concen: 53.615 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW008605.D

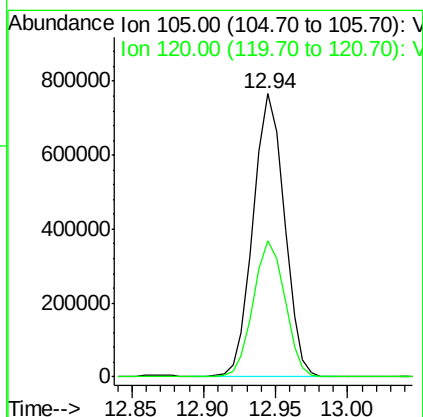
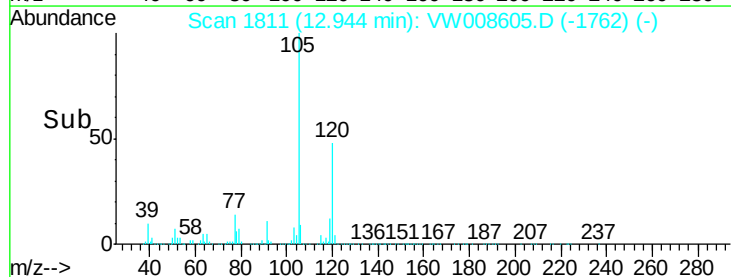
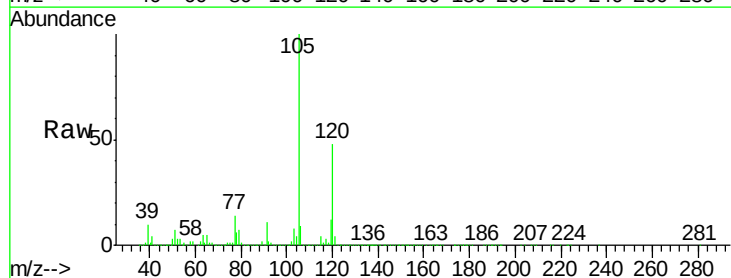
Acq: 11 Feb 2019 18:41

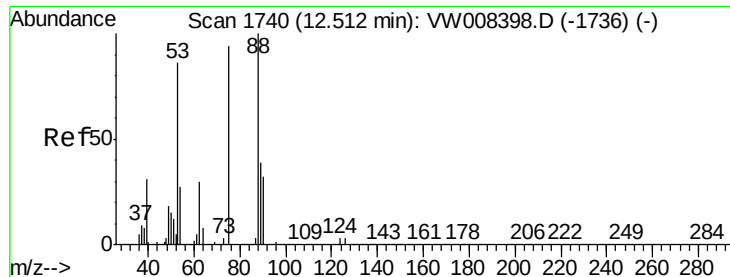
Tgt Ion: 105 Resp: 1150322

Ion Ratio Lower Upper

105 100

120 48.5 24.6 73.8





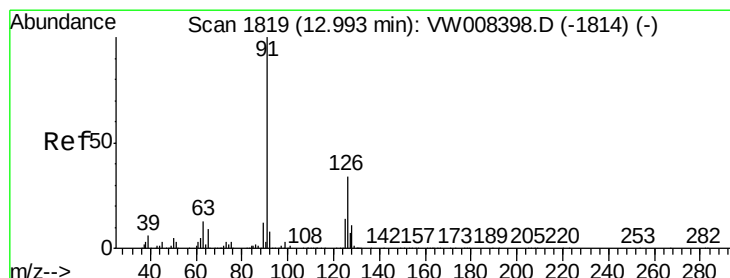
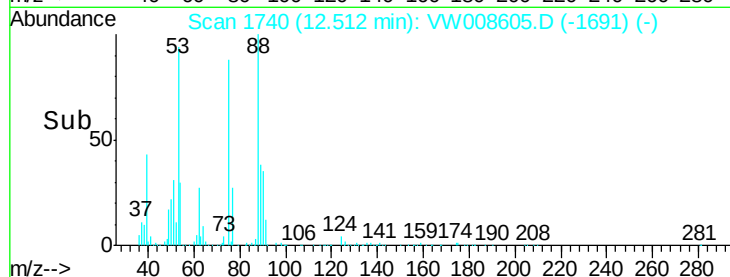
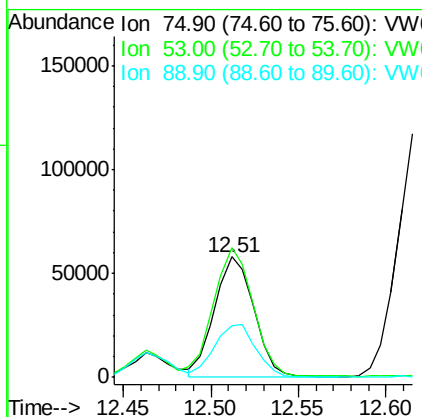
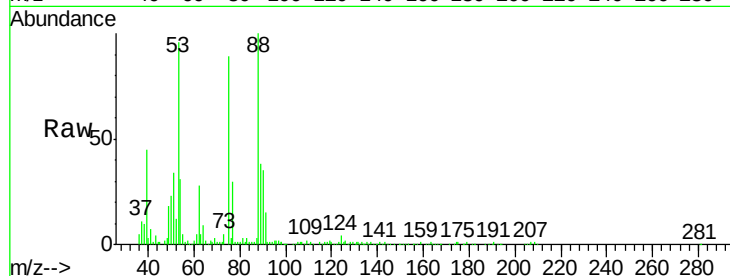
#81
trans-1,4-Dichloro-2-butene
Concen: 59.569 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW008605.D
Acq: 11 Feb 2019 18:41

Instrument :
MSVOA_W
ClientSampleId :
SB-10(0-5)MSD

Tot Ion	Ratio	Lower	Upper
75	100		
53	107.4	76.0	114.0
89	47.3	35.4	53.0

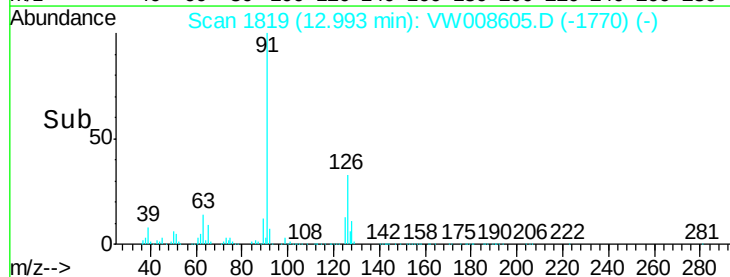
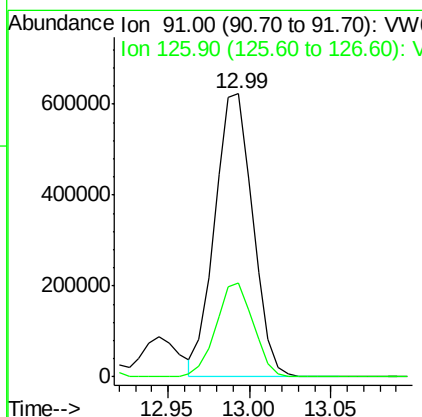
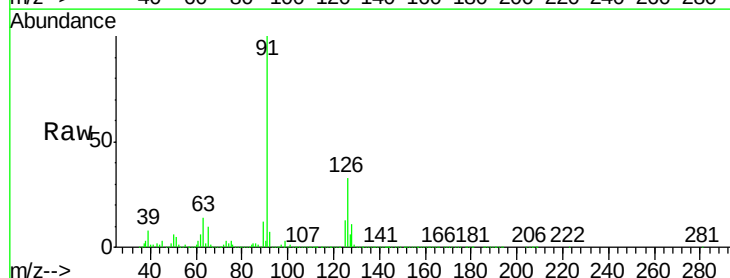
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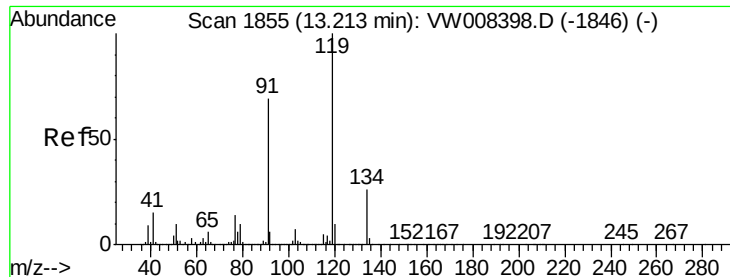
MMDadoda
2/12/2019 1:43:22 PM



#82
4-Chlorotoluene
Concen: 54.338 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW008605.D
Acq: 11 Feb 2019 18:41

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.8	16.4	49.2





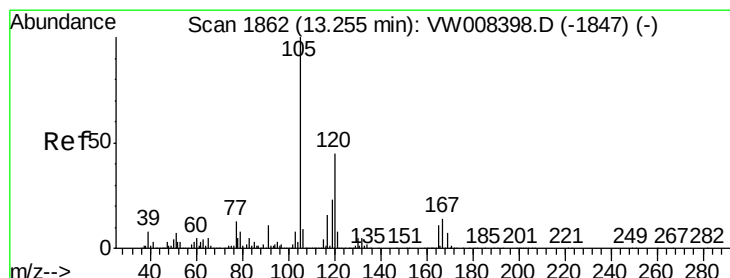
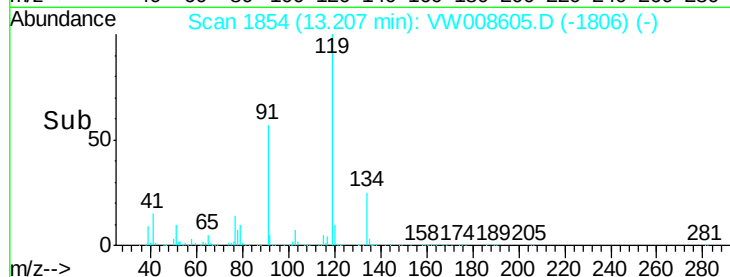
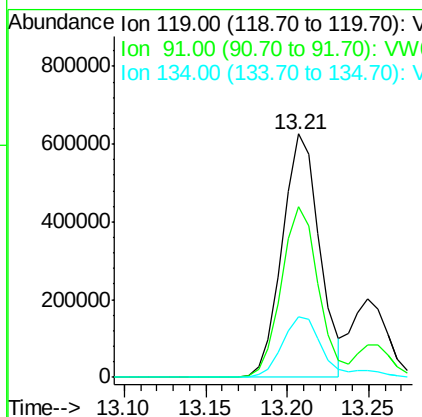
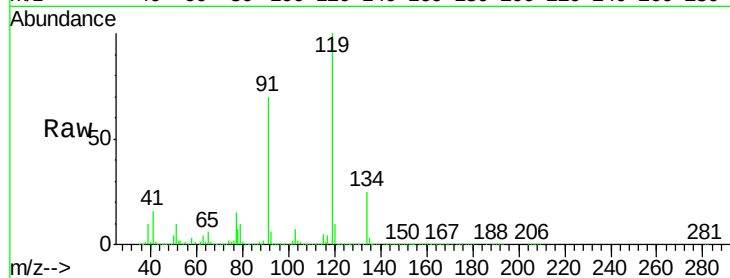
#83
tert-Butylbenzene
Concen: 51.952 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.01 min
Lab File: VW008605.D
Acq: 11 Feb 2019 18:41

Instrument :
MSVOA_W
ClientSampleId :
SB-10(0-5)MSD

Tot Ion	Ratio	Lower	Upper
119	100		
91	69.9	33.8	101.4
134	27.8	13.5	40.4

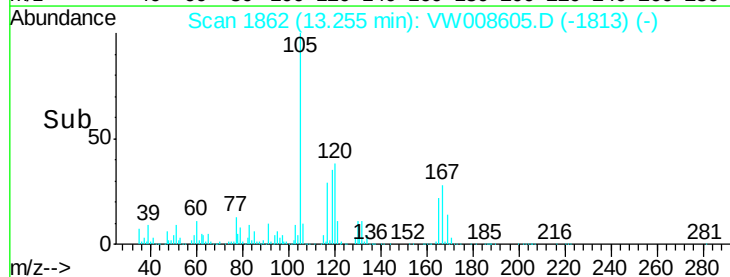
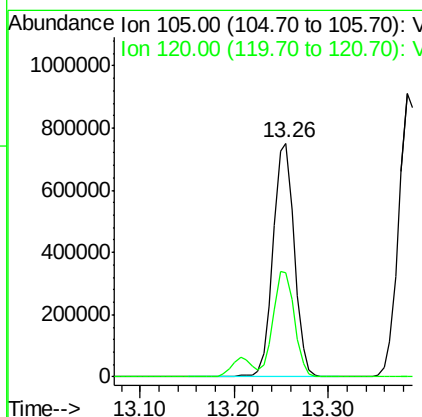
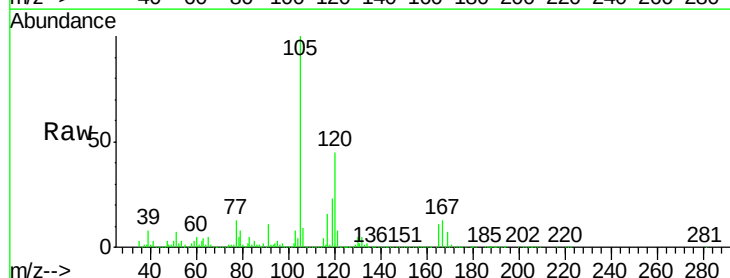
Manual Integrations
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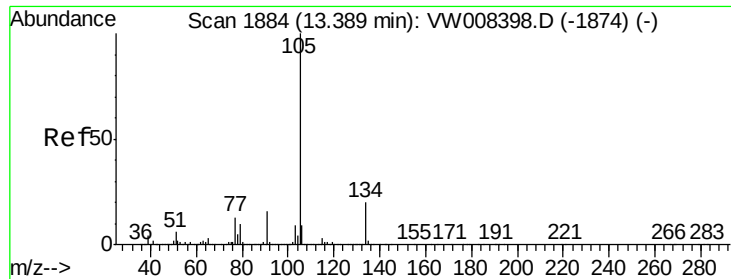
MMDadoda
2/12/2019 1:43:22 PM



#84
1,2,4-Trimethylbenzene
Concen: 54.117 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW008605.D
Acq: 11 Feb 2019 18:41

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.3	23.1	69.2





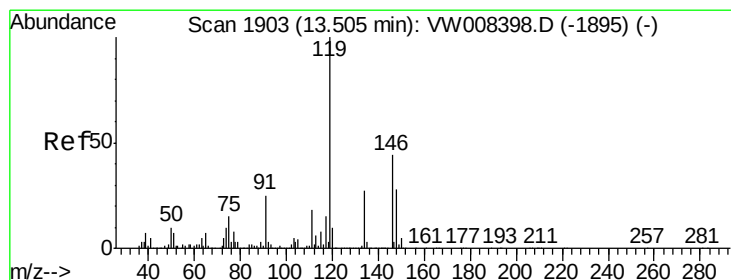
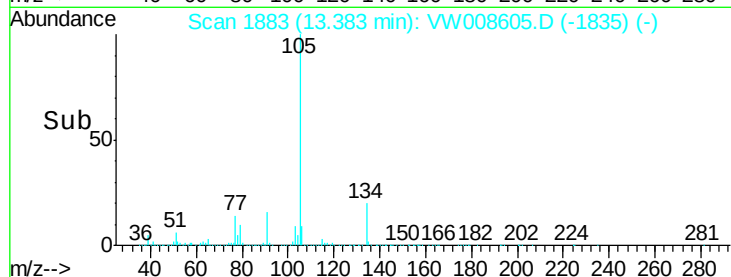
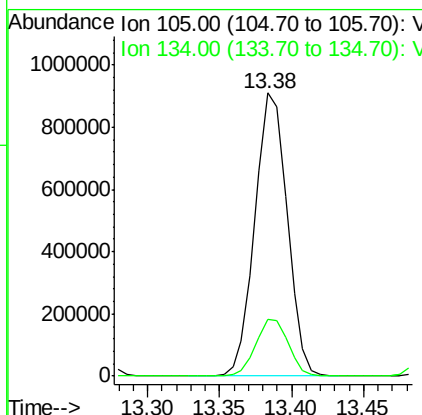
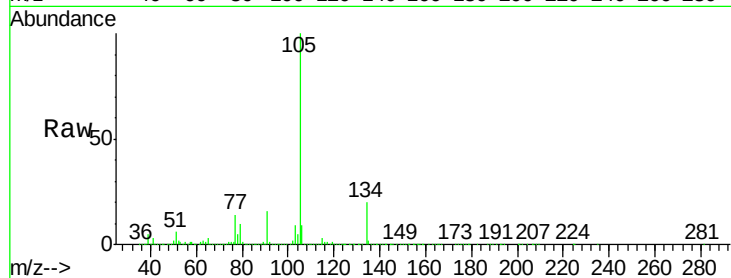
#85
 sec-Butylbenzene
 Concen: 51.737 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: VW008605.D
 Acq: 11 Feb 2019 18:41

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-10(0-5)MSD

Tot Ion:105 Resp: 1410709
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.6

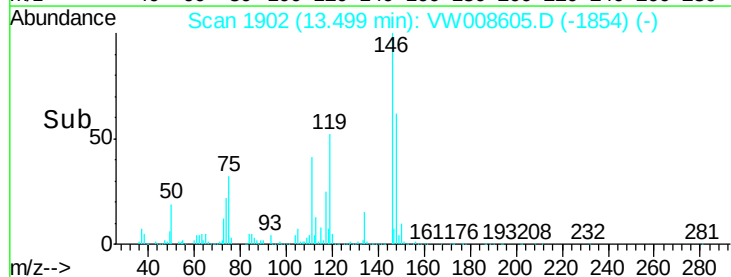
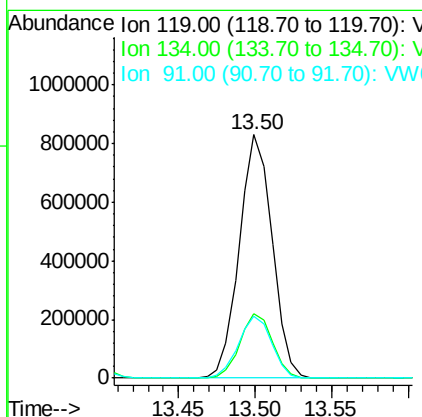
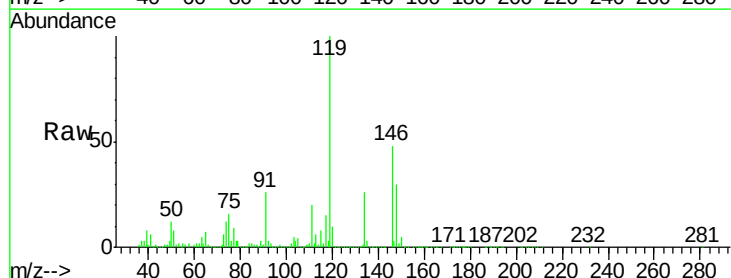
Manual Integrations
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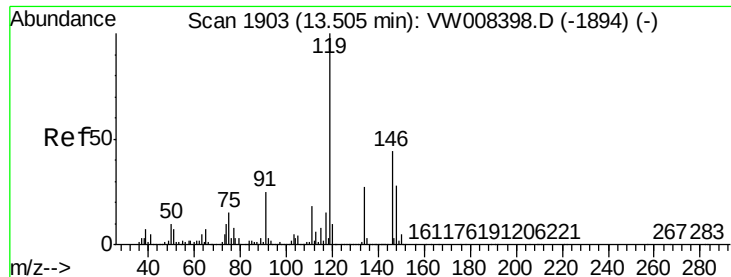
MMDadoda
 2/12/2019 1:43:22 PM



#86
 p-Isopropyltoluene
 Concen: 51.682 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008605.D
 Acq: 11 Feb 2019 18:41

Tgt Ion:119 Resp: 1234404
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.4 40.2
 91 25.6 12.6 37.6





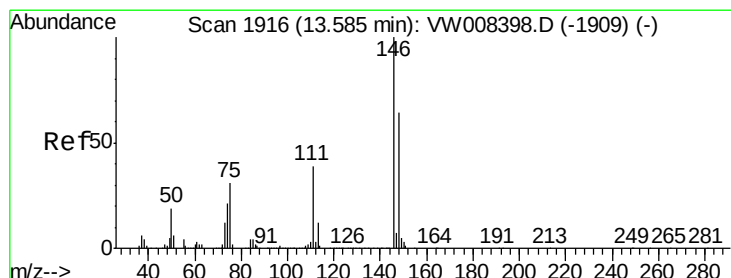
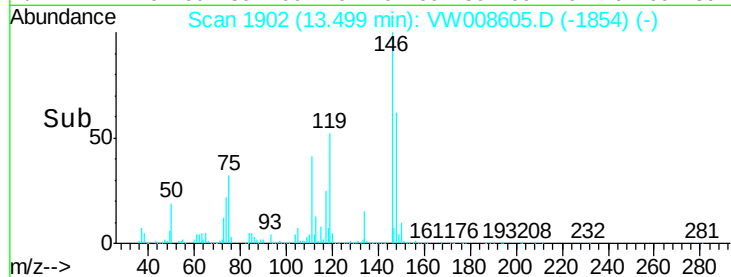
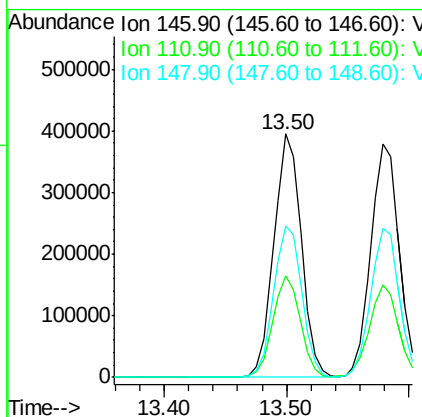
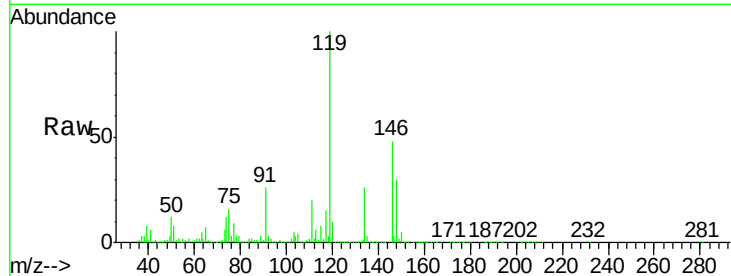
#87
 1,3-Dichlorobenzene
 Concen: 54.211 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008605.D
 Acq: 11 Feb 2019 18:41

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-10(0-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
146	100	613759		
111	41.1	20.3	60.9	
148	64.0	31.9	95.7	

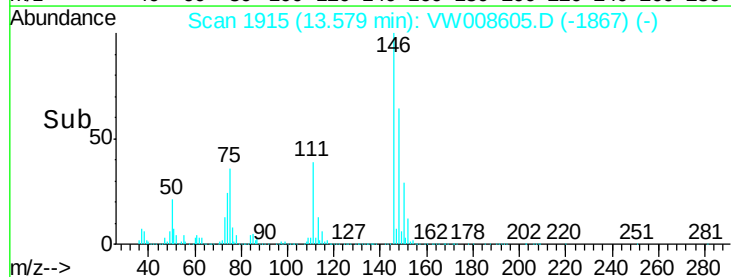
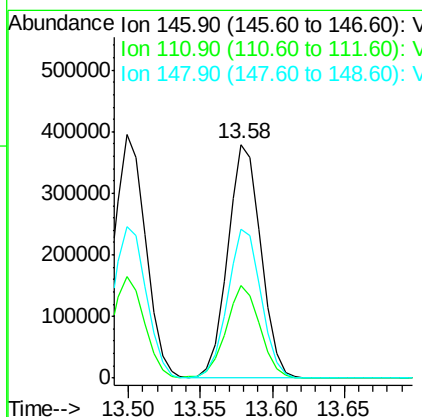
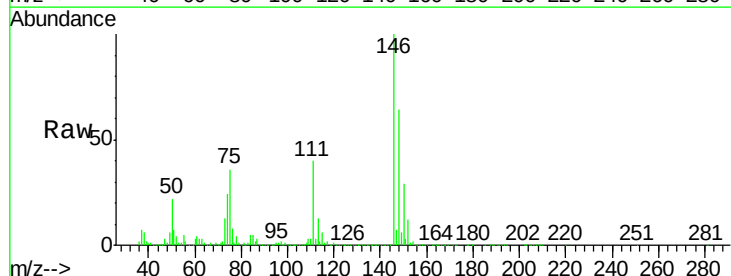
Manual Integrations
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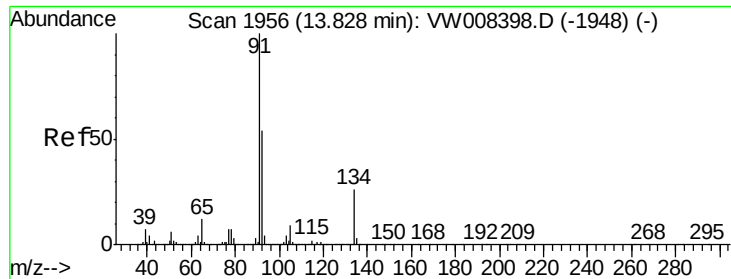
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#88
 1,4-Dichlorobenzene
 Concen: 54.187 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.01 min
 Lab File: VW008605.D
 Acq: 11 Feb 2019 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	609686		
111	40.1	20.0	60.0	
148	64.3	32.0	96.2	





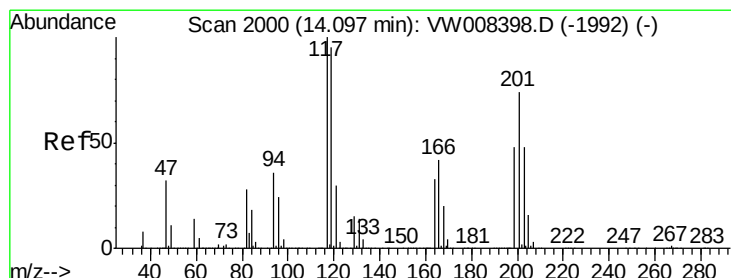
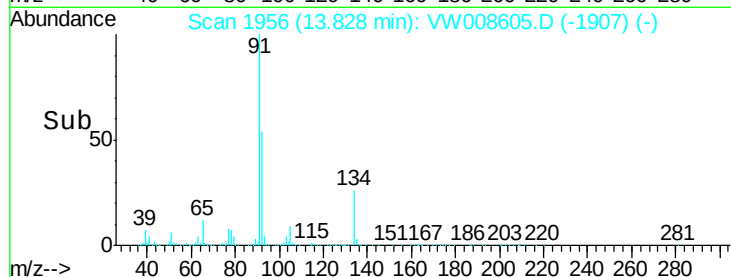
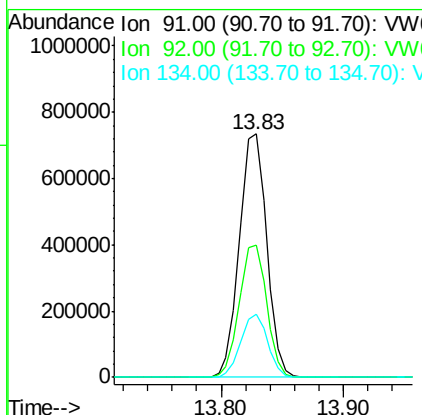
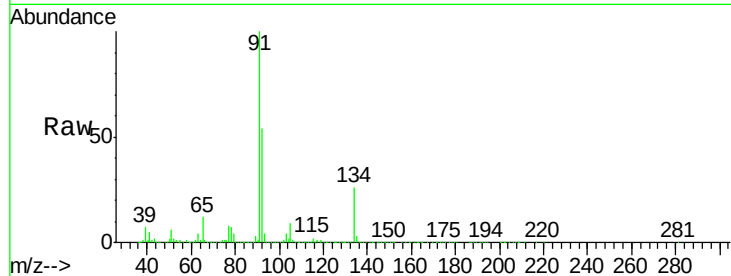
#89
n-Butylbenzene
Concen: 48.476 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW008605.D
Acq: 11 Feb 2019 18:41

Instrument :
MSVOA_W
ClientSampled :
SB-10(0-5)MSD

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.5	27.4	82.2
134	25.5	13.0	39.0

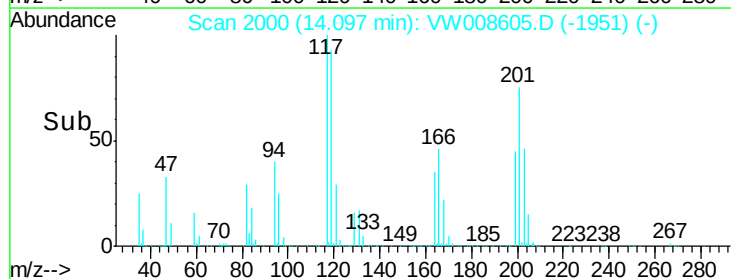
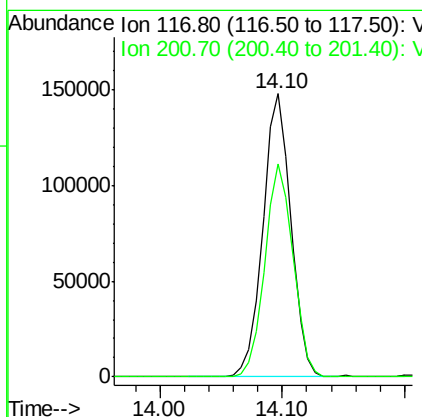
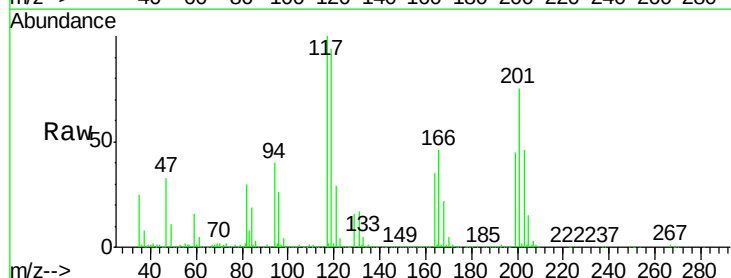
Manual Integrations
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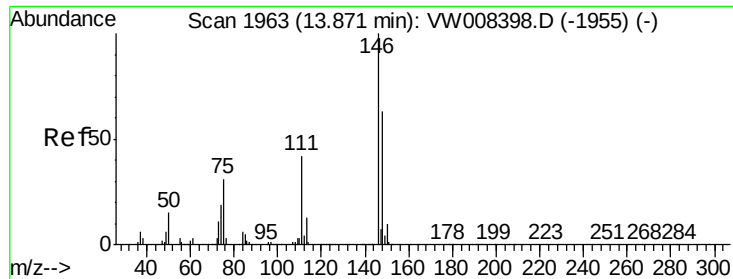
MMDadoda
2/12/2019 1:43:22 PM



#90
Hexachloroethane
Concen: 50.156 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW008605.D
Acq: 11 Feb 2019 18:41

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.2	39.1	117.5





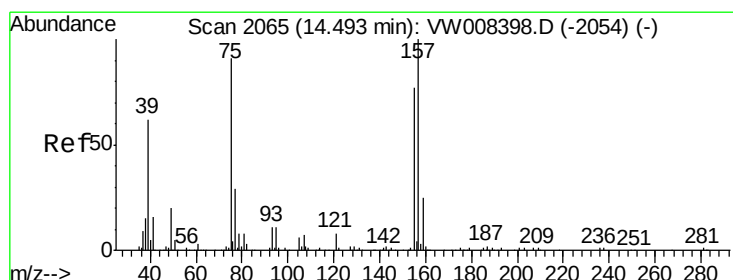
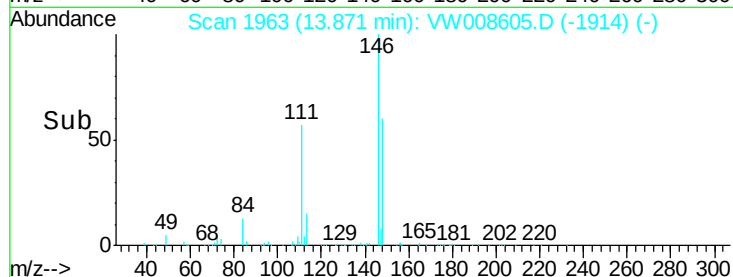
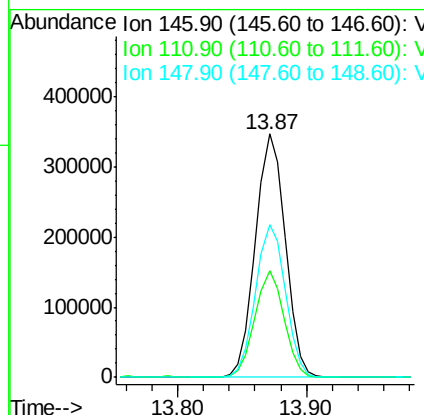
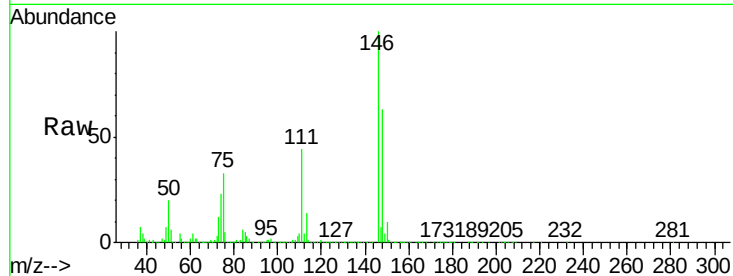
#91
1,2-Dichlorobenzene
Concen: 55.417 ug/l
RT: 13.87 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VW008605.D
Acq: 11 Feb 2019 18:41

Instrument :
MSVOA_W
ClientSampleId :
SB-10(0-5)MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.1	63.3
148	63.0	31.9	95.5

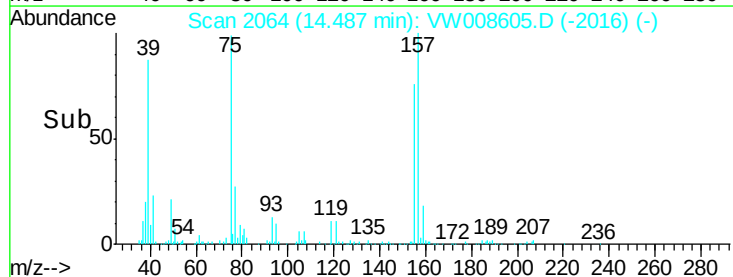
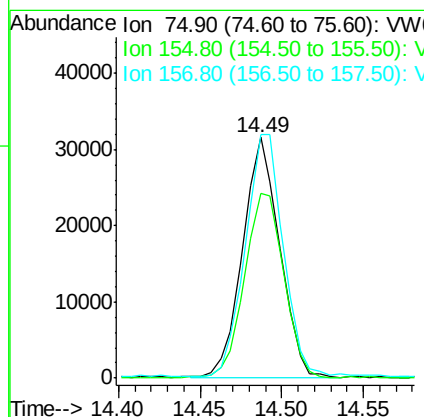
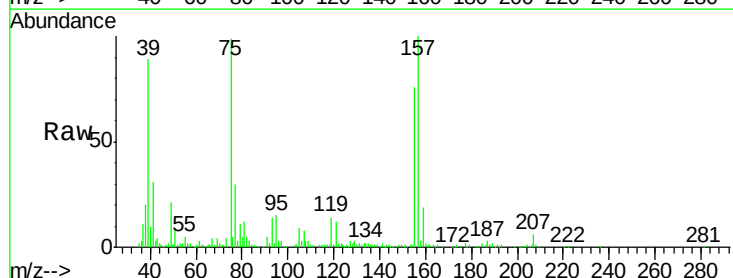
Manual Integrations
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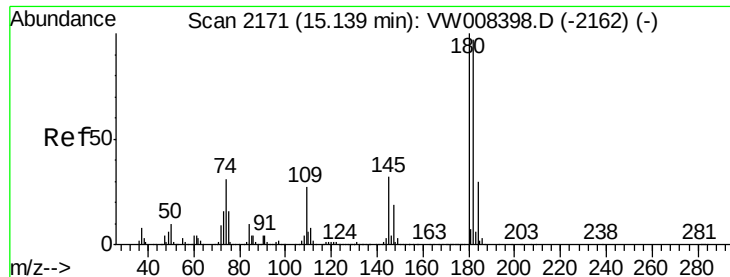
MMDadoda
2/12/2019 1:43:22 PM



#92
1,2-Dibromo-3-Chloropropane
Concen: 64.171 ug/l
RT: 14.49 min Scan# 2064
Delta R.T. -0.01 min
Lab File: VW008605.D
Acq: 11 Feb 2019 18:41

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.8	42.7	128.1
157	104.6	55.5	166.3





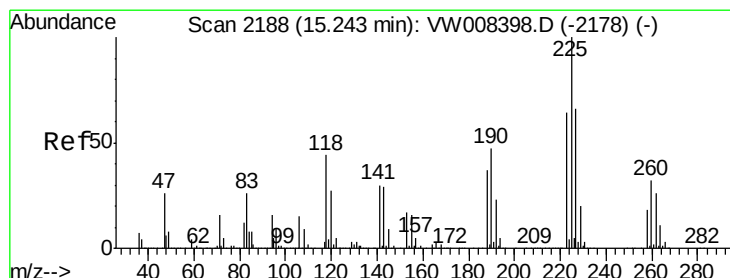
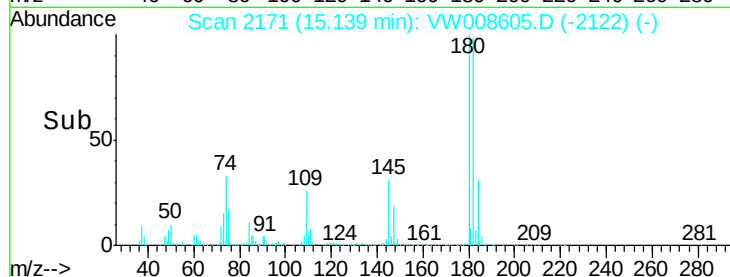
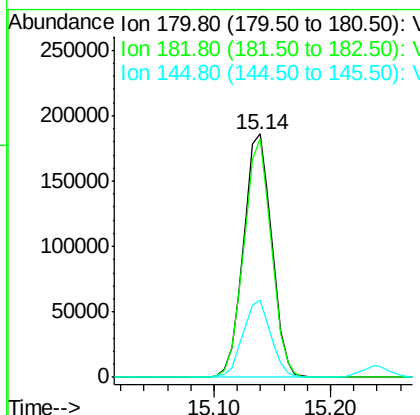
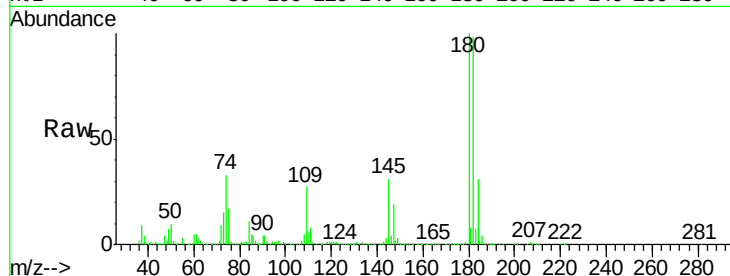
#93
 1,2,4-Trichlorobenzene
 Concen: 44.137 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW008605.D
 Acq: 11 Feb 2019 18:41

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-10(0-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.7	47.9	143.7	
145	31.3	15.5	46.5	

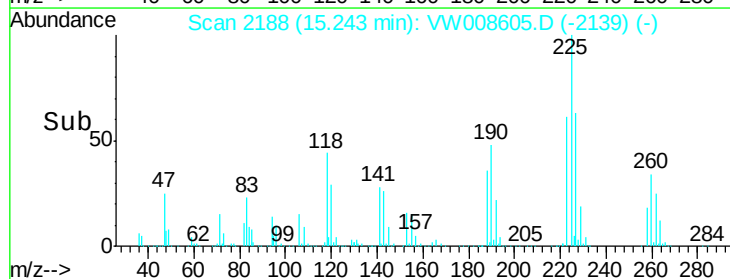
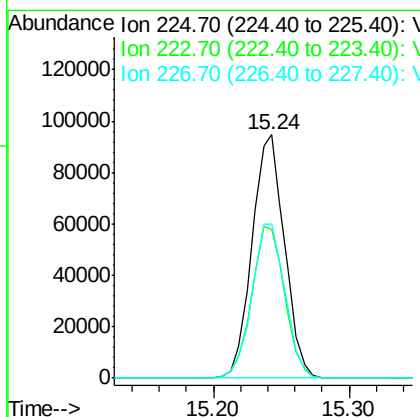
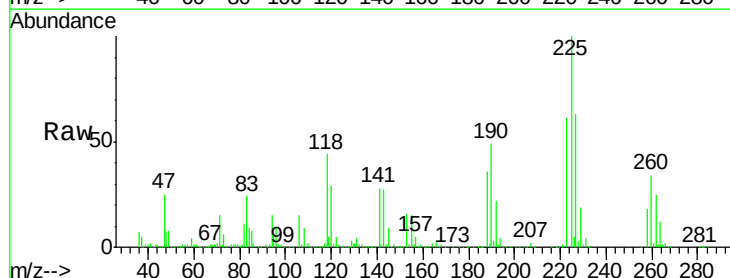
Manual Integrations
 APPROVED

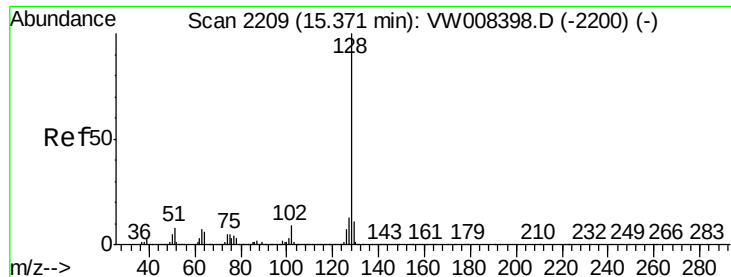
MMDadoda
 2/12/2019 1:43:22 PM



#94
 Hexachlorobutadiene
 Concen: 36.712 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW008605.D
 Acq: 11 Feb 2019 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.5	31.7	95.1	
227	64.5	32.1	96.3	





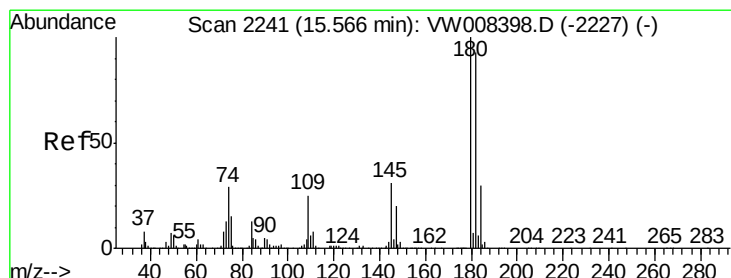
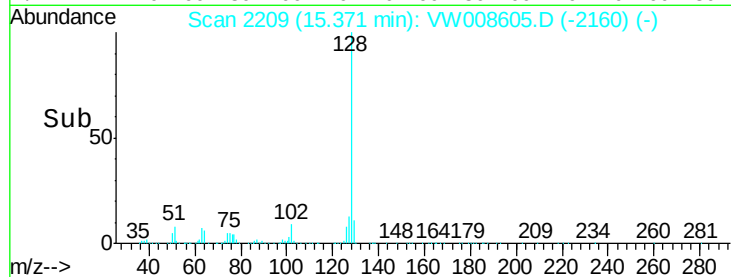
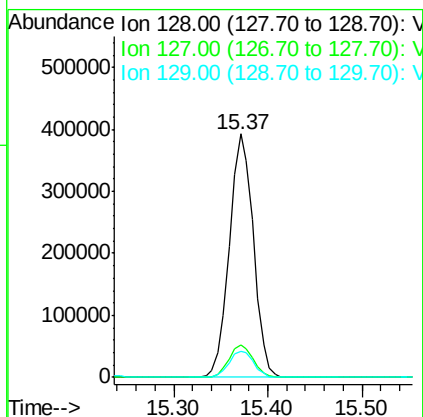
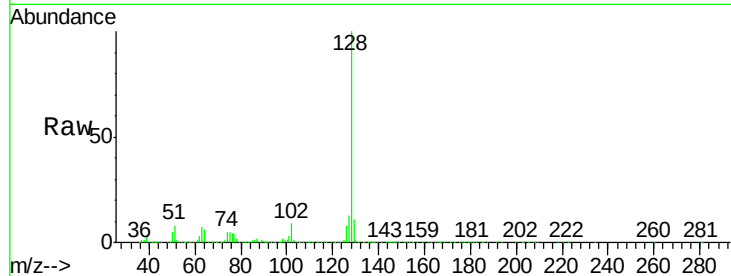
#95
Naphthalene
Concen: 55.091 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW008605.D
Acq: 11 Feb 2019 18:41

Instrument :
MSVOA_W
ClientSampleId :
SB-10(0-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	691508		
127	13.6	10.6	15.8	
129	11.1	8.7	13.1	

Manual Integrations
APPROVED

MMDadoda
2/12/2019 1:43:22 PM



#96
1,2,3-Trichlorobenzene
Concen: 43.355 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.01 min
Lab File: VW008605.D
Acq: 11 Feb 2019 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	262908		
182	95.0	47.0	141.2	
145	33.6	15.9	47.6	

