

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020719\
 Data File : VW008546.D
 Acq On : 07 Feb 2019 12:22
 Operator : SY/VA
 Sample : VW0207SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0207SBS01

Manual Integrations
 APPROVED

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 2/11/2019 12:38:32 PM

Quant Time: Feb 08 22:47:44 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	538687	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	825293	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	727039	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	383562	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	282889	53.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.90%	
35) Dibromofluoromethane	7.88	113	270384	56.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.06%	
50) Toluene-d8	10.32	98	1037411	53.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.22%	
62) 4-Bromofluorobenzene	12.62	95	387105	52.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	44024	16.474	ug/l	100
3) Chloromethane	2.21	50	70687	16.076	ug/l	100
4) Vinyl Chloride	2.36	62	100225	17.905	ug/l	98
5) Bromomethane	2.78	94	78425	21.722	ug/l	95
6) Chloroethane	2.92	64	75260	21.985	ug/l	99
7) Trichlorofluoromethane	3.25	101	83779	20.307	ug/l	96
8) Diethyl Ether	3.67	74	49189	18.310	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	94990	19.496	ug/l	96
10) Methyl Iodide	4.26	142	142214	18.480	ug/l	98
11) Tert butyl alcohol	5.17	59	39241	92.099	ug/l #	93
12) 1,1-Dichloroethene	4.03	96	91825	18.623	ug/l	98
13) Acrolein	3.89	56	32578	89.397	ug/l	94
14) Allyl chloride	4.66	41	152216	16.257	ug/l	96
15) Acrylonitrile	5.36	53	108102	93.190	ug/l	99
16) Acetone	4.12	43	106091	89.271	ug/l	99
17) Carbon Disulfide	4.37	76	265898	16.885	ug/l	97
18) Methyl Acetate	4.67	43	56200	17.730	ug/l	95
19) Methyl tert-butyl Ether	5.42	73	155273	19.033	ug/l	97
20) Methylene Chloride	4.90	84	135146	24.673	ug/l	96
21) trans-1,2-Dichloroethene	5.41	96	100216	18.079	ug/l	95
22) Diisopropyl ether	6.31	45	302378	17.040	ug/l	99
23) Vinyl Acetate	6.25	43	902989	86.179	ug/l	97
24) 1,1-Dichloroethane	6.21	63	177124	17.634	ug/l	97
25) 2-Butanone	7.17	43	149779	90.737	ug/l	100
26) 2,2-Dichloropropane	7.16	77	122769	18.082	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	112412	18.607	ug/l	95
28) Bromochloromethane	7.51	49	83731	18.149	ug/l	95
29) Tetrahydrofuran	7.53	42	98911	94.557	ug/l	97
30) Chloroform	7.67	83	181797	18.401	ug/l	97
31) Cyclohexane	7.95	56	173365	16.692	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	155468	18.219	ug/l	97
36) 1,1-Dichloropropene	8.08	75	146416	18.781	ug/l	100
37) Ethyl Acetate	7.25	43	67306	19.514	ug/l	97
38) Carbon Tetrachloride	8.06	117	149938	19.113	ug/l	98

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 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)
39) Methylcyclohexane	9.33	83	180331	17.608	ug/l	99
40) Benzene	8.32	78	398505	18.422	ug/l	99
41) Methacrylonitrile	7.48	41	38484	18.844	ug/l	94
42) 1,2-Dichloroethane	8.40	62	118580	18.915	ug/l	98
43) Isopropyl Acetate	8.42	43	136049	18.986	ug/l	98
44) Trichloroethene	9.09	130	113830	19.350	ug/l	95
45) 1,2-Dichloropropane	9.37	63	95397	17.686	ug/l	100
46) Dibromomethane	9.46	93	52845	19.049	ug/l	95
47) Bromodichloromethane	9.64	83	135555	18.473	ug/l	100
48) Methyl methacrylate	9.43	41	59332	16.934	ug/l	93
49) 1,4-Dioxane	9.45	88	17942	382.617	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	332985	94.063	ug/l	100
52) Toluene	10.38	92	258390	18.095	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	135348	17.334	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	158186	17.852	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	75134	19.525	ug/l	98
56) Ethyl methacrylate	10.65	69	93623	17.364	ug/l	98
57) 1,3-Dichloropropane	10.93	76	130970	18.998	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	250730	95.707	ug/l	96
59) 2-Hexanone	10.97	43	233947	93.612	ug/l	99
60) Dibromochloromethane	11.13	129	90808	18.364	ug/l	99
61) 1,2-Dibromoethane	11.24	107	73082	19.154	ug/l	99
64) Tetrachloroethene	10.86	164	98286	19.967	ug/l	98
65) Chlorobenzene	11.66	112	283591	19.108	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	100788	18.981	ug/l	98
67) Ethyl Benzene	11.73	91	502473	18.418	ug/l	99
68) m/p-Xylenes	11.84	106	388275	36.682	ug/l	98
69) o-Xylene	12.16	106	184155	18.311	ug/l	98
70) Styrene	12.18	104	296691	17.859	ug/l	98
71) Bromoform	12.35	173	56153	18.795	ug/l #	98
73) Isopropylbenzene	12.46	105	516570	18.065	ug/l	98
74) N-amyl acetate	12.27	43	127120	17.256	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	87193	19.260	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	73308m	21.983	ug/l	
77) Bromobenzene	12.75	156	119222	19.091	ug/l	92
78) n-propylbenzene	12.80	91	612867	17.845	ug/l	98
79) 2-Chlorotoluene	12.89	91	342829	17.689	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	427662	17.893	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	28010	16.589	ug/l	93
82) 4-Chlorotoluene	12.99	91	359056	17.401	ug/l	96
83) tert-Butylbenzene	13.21	119	378870	17.813	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	434803	17.898	ug/l	99
85) sec-Butylbenzene	13.38	105	546399	17.988	ug/l	100
86) p-Isopropyltoluene	13.50	119	481435	18.094	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	239324	18.976	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	238898	19.060	ug/l	98
89) n-Butylbenzene	13.83	91	464449	17.778	ug/l	98
90) Hexachloroethane	14.10	117	88634	17.034	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	210024	18.820	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	17072	19.875	ug/l	91

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MSVOA_W
ClientSampleId :
VW0207SBSD01

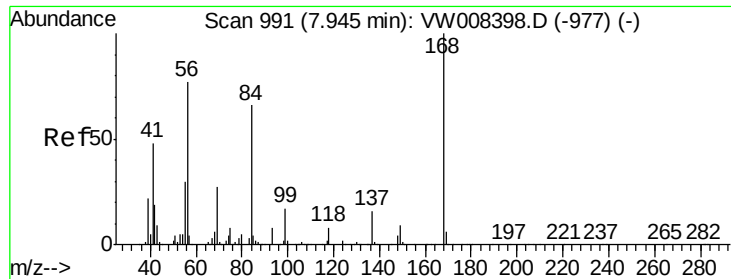
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Fri Jan 25 11:07:41 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	159627	20.045	ug/l	99
94) Hexachlorobutadiene	15.24	225	93985	19.583	ug/l	99
95) Naphthalene	15.37	128	277823	19.869	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	141308	20.918	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008546.D

Acq: 07 Feb 2019 12:22

Instrument :

MSVOA_W

ClientSampleId :

VW0207SBS01

Tot Ion:168 Resp: 538687

Ion Ratio Lower Upper

168 100

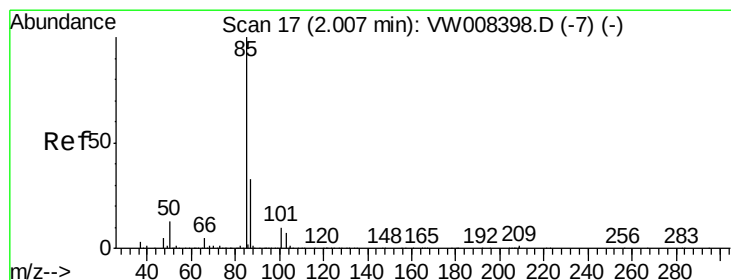
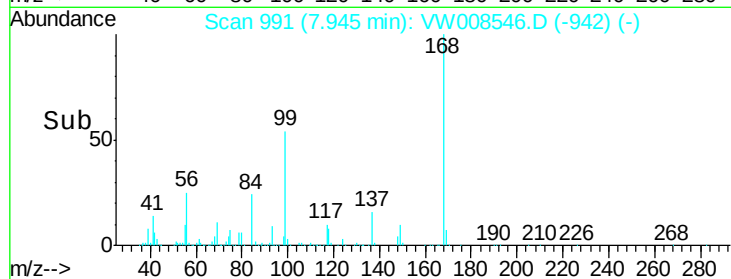
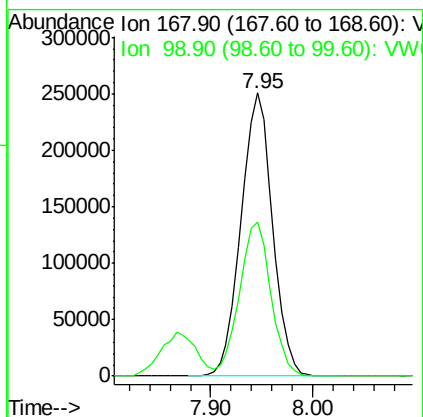
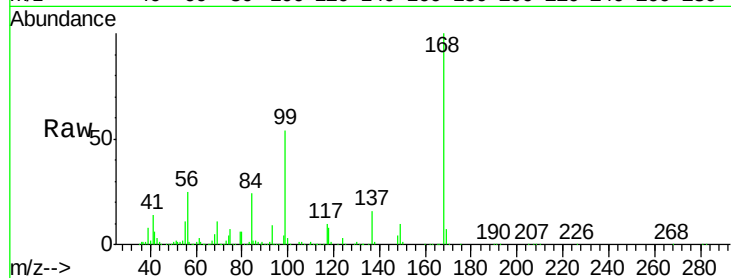
99 54.3 45.5 68.3

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#2

Dichlorodifluoromethane

Concen: 16.474 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.01 min

Lab File: VW008546.D

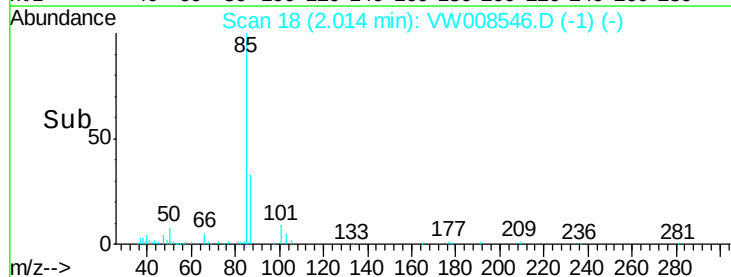
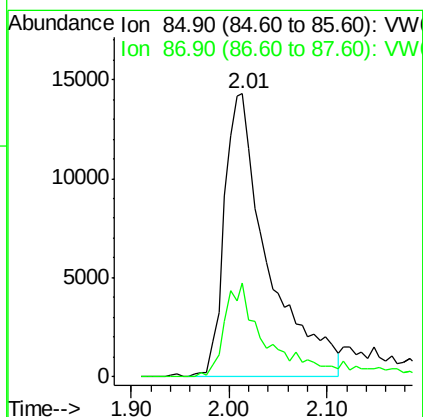
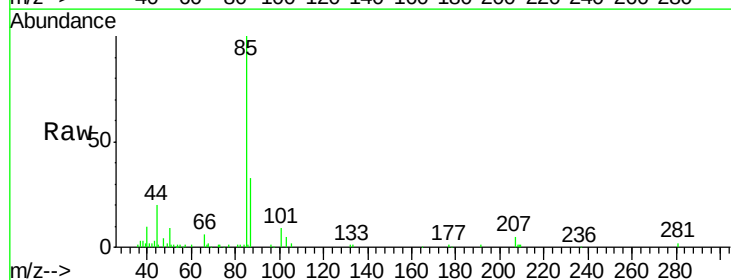
Acq: 07 Feb 2019 12:22

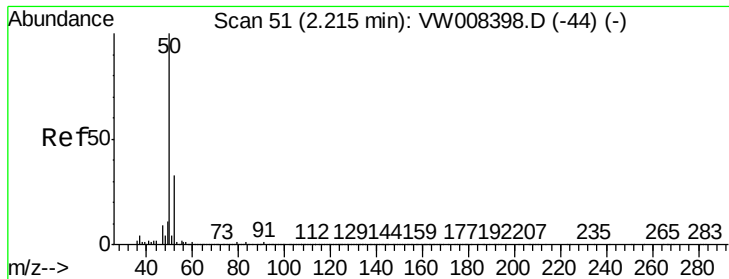
Tgt Ion: 85 Resp: 44024

Ion Ratio Lower Upper

85 100

87 33.4 16.7 50.1





#3

Chloromethane

Concen: 16.076 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW008546.D

Acq: 07 Feb 2019 12:22

Instrument :

MSVOA_W

ClientSampleId :

VW0207SBSD01

Tot Ion: 50 Resp: 70687

Ion Ratio Lower Upper

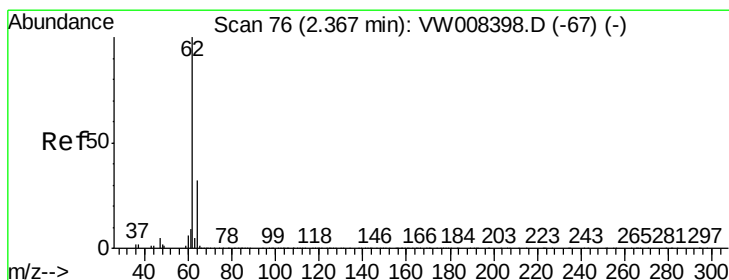
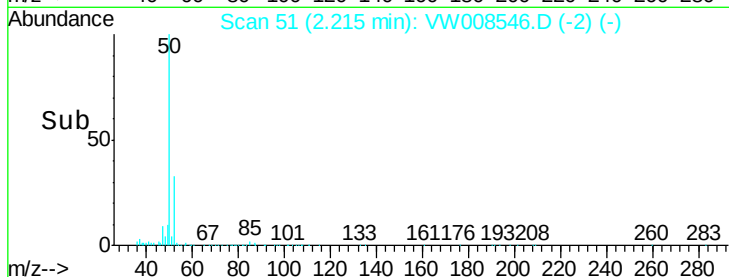
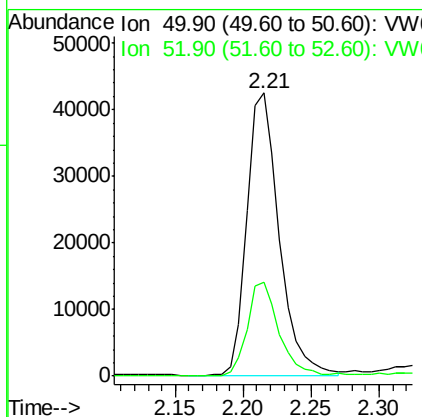
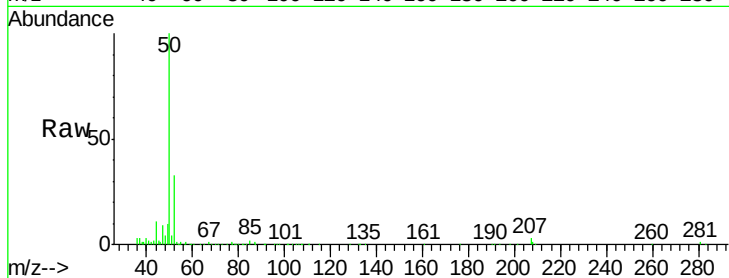
50 100

52 33.0 26.3 39.5

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#4

Vinyl Chloride

Concen: 17.905 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW008546.D

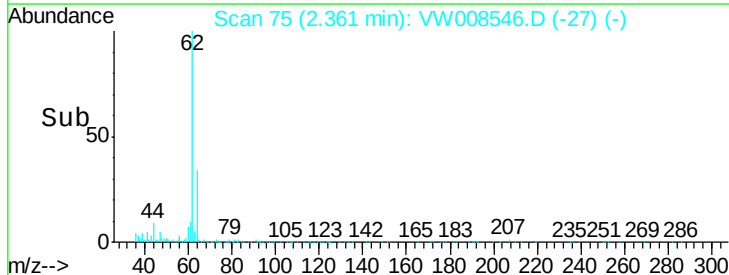
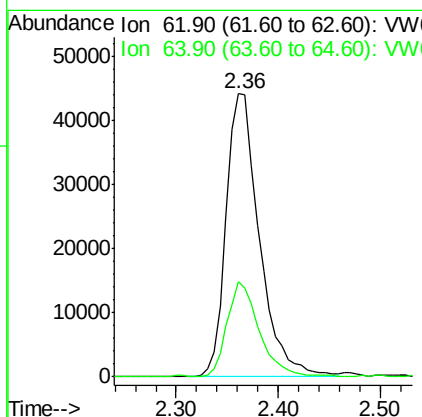
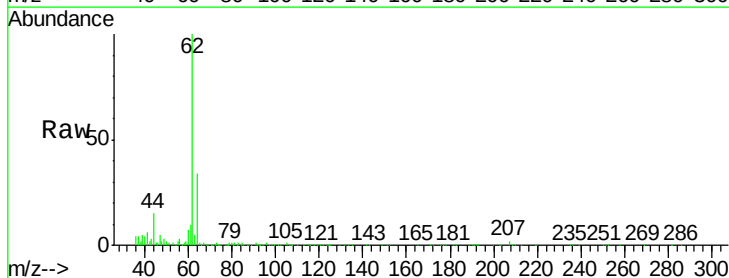
Acq: 07 Feb 2019 12:22

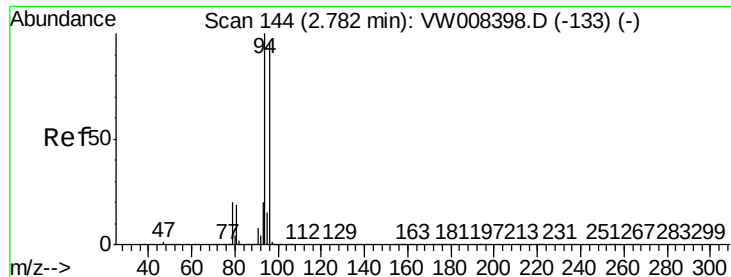
Tgt Ion: 62 Resp: 100225

Ion Ratio Lower Upper

62 100

64 33.2 25.5 38.3





#5

Bromomethane

Concen: 21.722 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW008546.D

Acq: 07 Feb 2019 12:22

Instrument :

MSVOA_W

ClientSampleId :

VW0207SBSD01

Tot Ion: 94 Resp: 78425

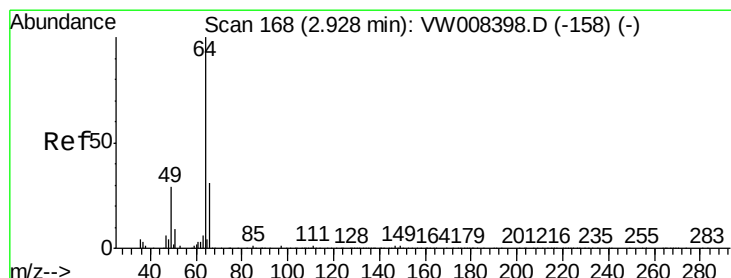
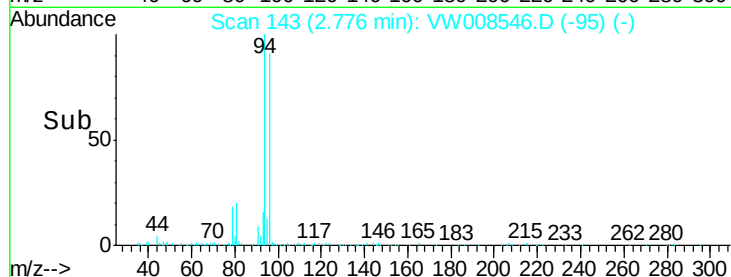
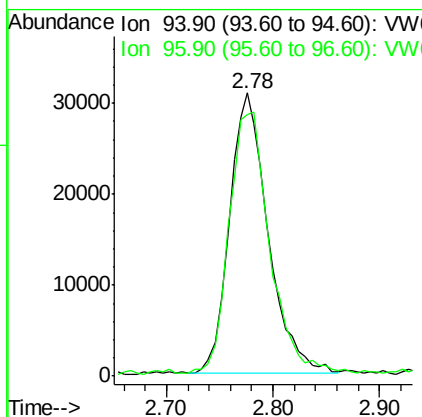
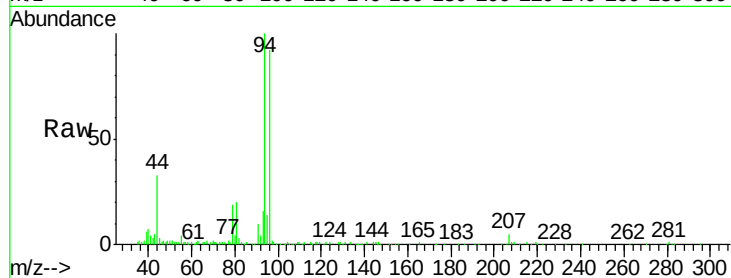
Ion Ratio Lower Upper

94 100

96 91.9 77.2 115.8

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#6

Chloroethane

Concen: 21.985 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW008546.D

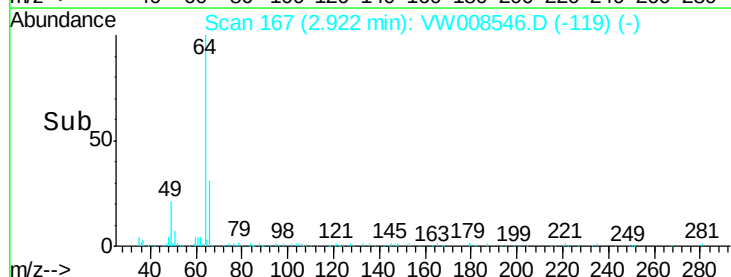
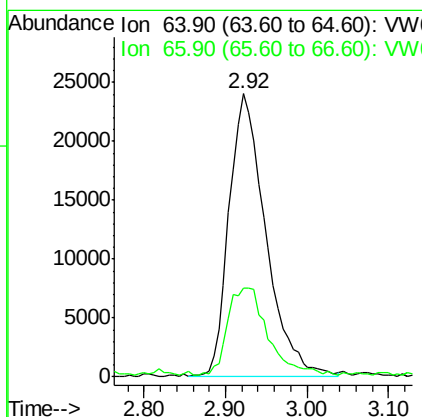
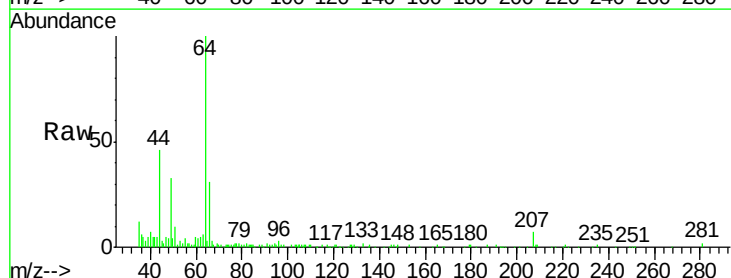
Acq: 07 Feb 2019 12:22

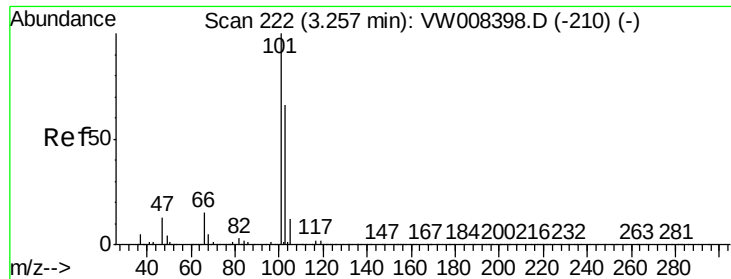
Tgt Ion: 64 Resp: 75260

Ion Ratio Lower Upper

64 100

66 30.6 24.9 37.3





#7

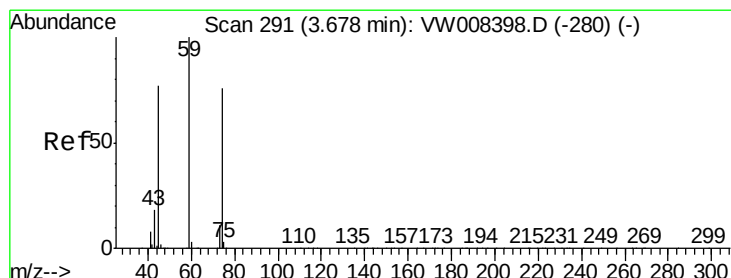
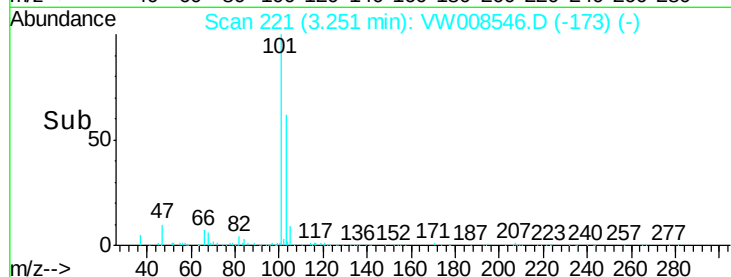
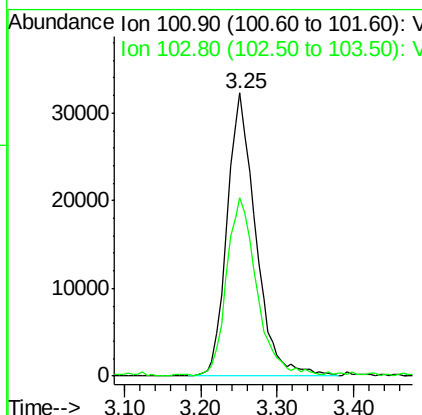
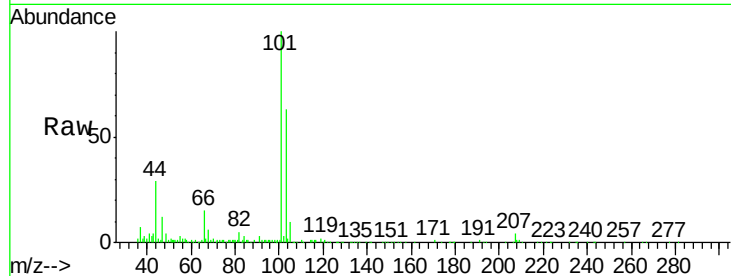
Trichlorofluoromethane
Concen: 20.307 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.01 min
Lab File: VW008546.D
Acq: 07 Feb 2019 12:22

Instrument :
MSVOA_W
ClientSampleId :
VW0207SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.2	52.5	78.7

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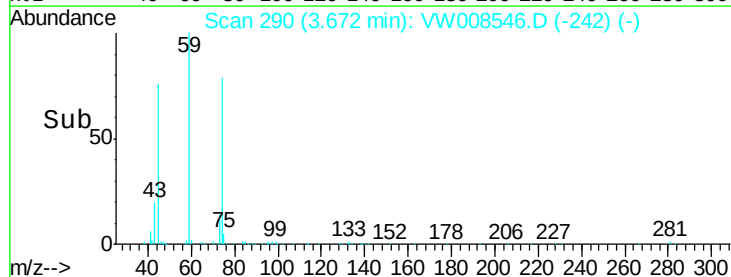
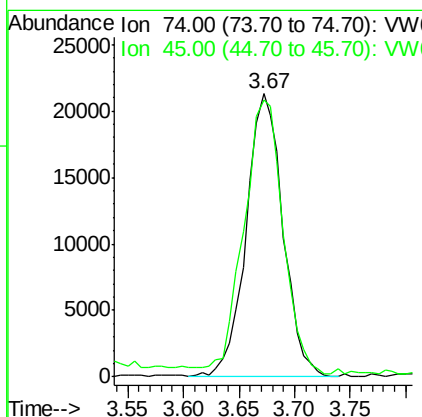
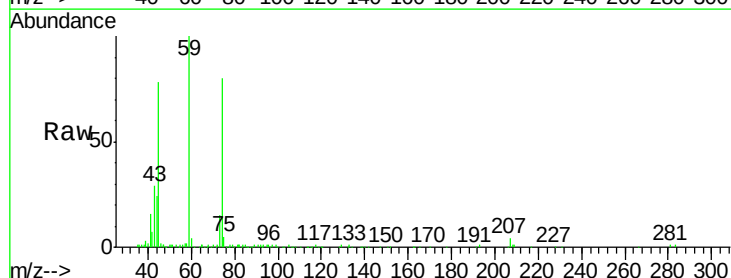
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2/11/2019 12:38:32 PM

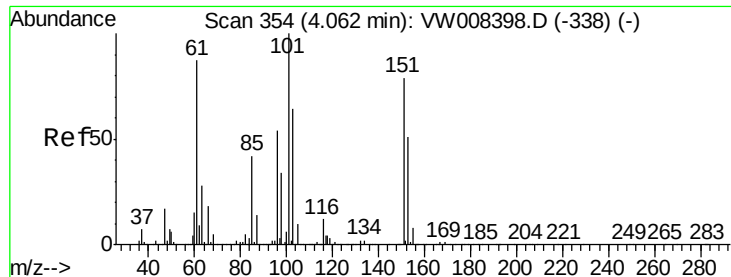


#8

Diethyl Ether
Concen: 18.310 ug/l
RT: 3.67 min Scan# 290
Delta R.T. -0.01 min
Lab File: VW008546.D
Acq: 07 Feb 2019 12:22

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.7	51.7	155.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.496 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW008546.D

Acq: 07 Feb 2019 12:22

Instrument :

MSVOA_W

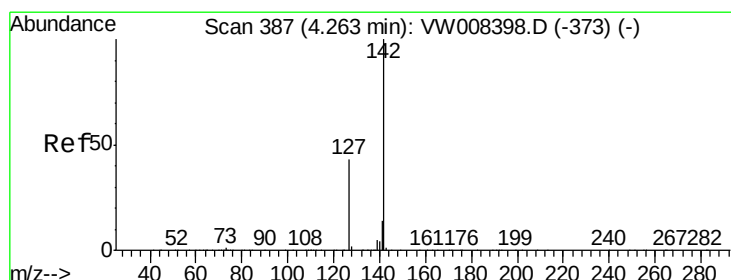
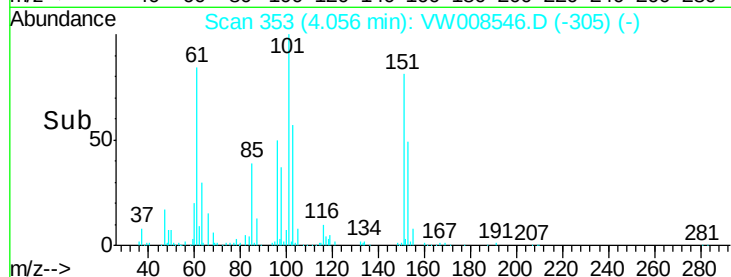
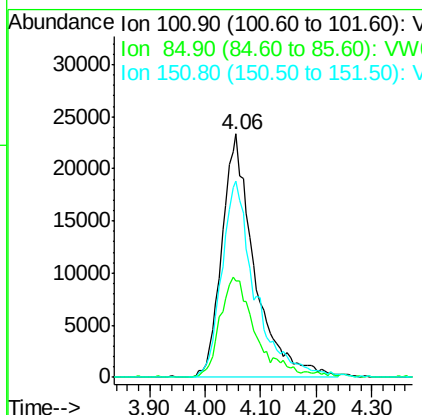
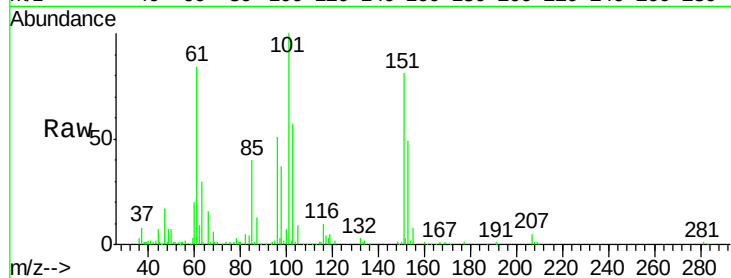
ClientSampleId :

VW0207SBS01

Tot Ion:	101	Resp:	94990
Ion Ratio	Lower	Upper	
101	100		
85	43.9	35.0	52.4
151	83.0	62.6	94.0

Manual Integrations
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#10

Methyl Iodide

Concen: 18.480 ug/l

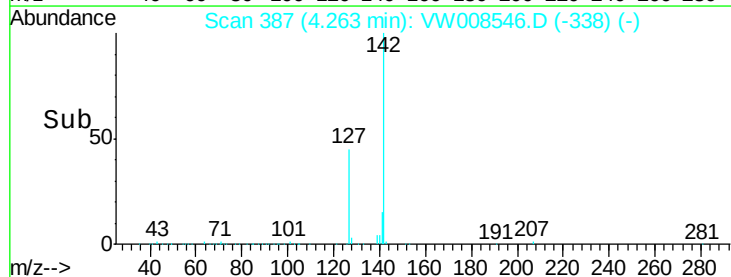
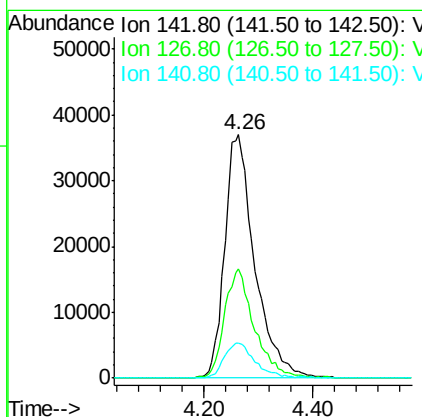
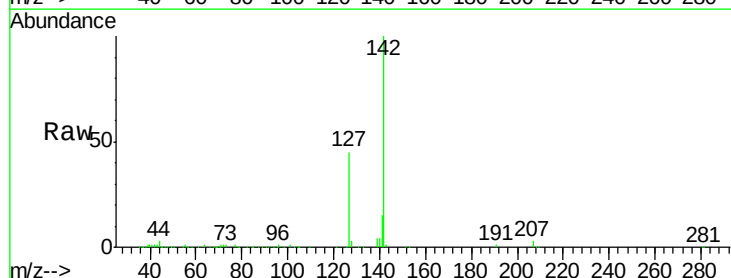
RT: 4.26 min Scan# 387

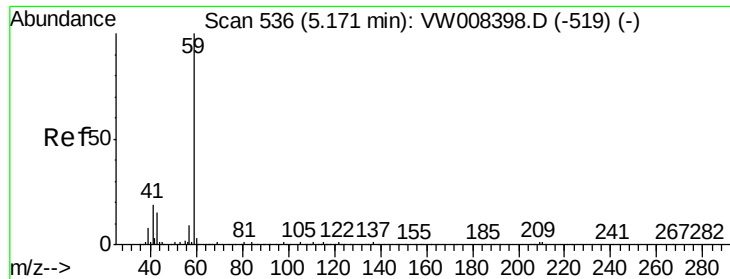
Delta R.T. 0.00 min

Lab File: VW008546.D

Acq: 07 Feb 2019 12:22

Tgt Ion:	142	Resp:	142214
Ion Ratio	Lower	Upper	
142	100		
127	44.7	34.6	52.0
141	14.8	11.4	17.2





#11

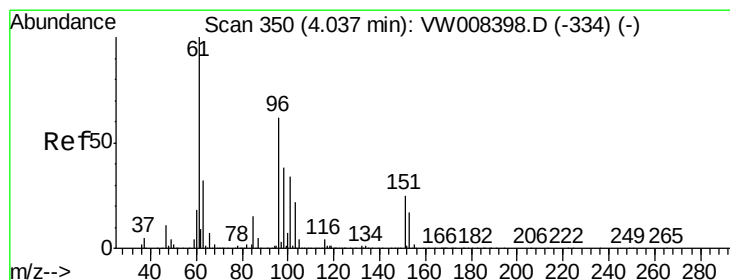
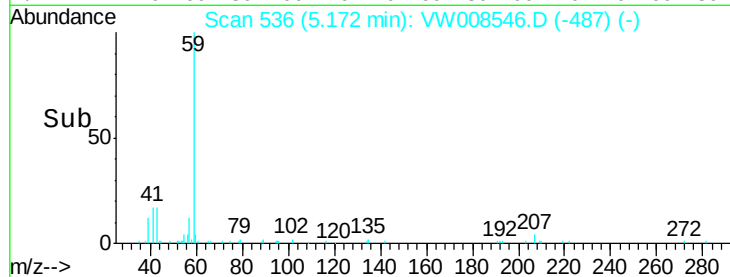
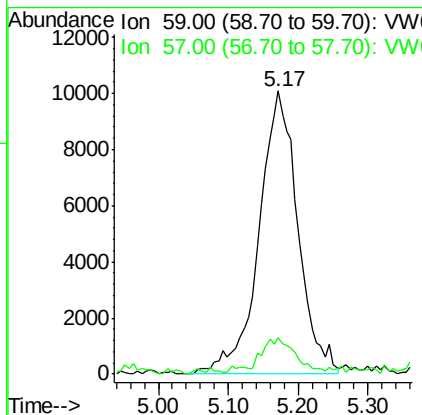
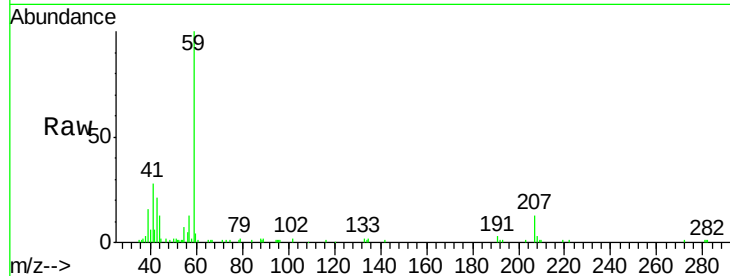
Tert butyl alcohol
Concen: 92.099 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.00 min
Lab File: VW008546.D
Acq: 07 Feb 2019 12:22

Instrument :
MSVOA_W
ClientSampleId :
VW0207SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	39241		
57	57	9.0		9.3	13.9#

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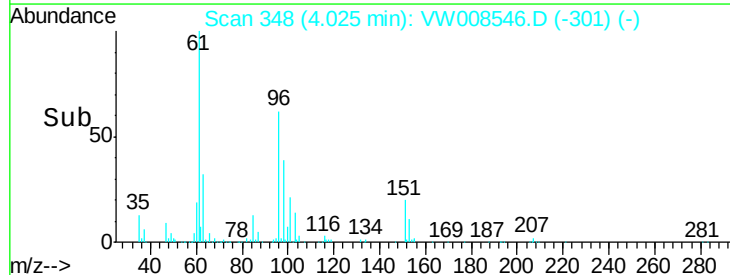
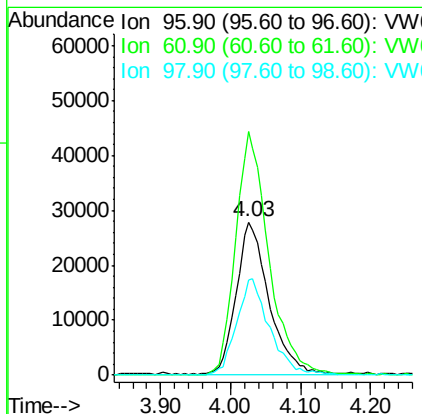
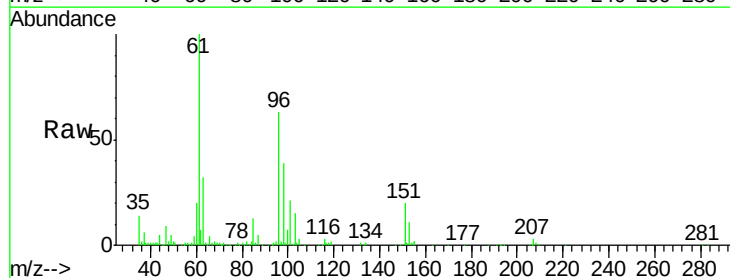
MMDadoda
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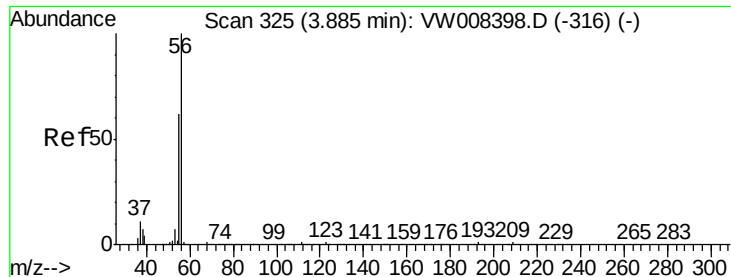


#12

1,1-Dichloroethene
Concen: 18.623 ug/l
RT: 4.03 min Scan# 348
Delta R.T. -0.01 min
Lab File: VW008546.D
Acq: 07 Feb 2019 12:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	91825		
61	61	159.1		129.5	194.3
98	98	62.2		48.6	73.0





#13

Acrolein

Concen: 89.397 ug/l

RT: 3.89 min Scan# 325

Delta R.T. 0.00 min

Lab File: VW008546.D

Acq: 07 Feb 2019 12:22

Instrument :

MSVOA_W

ClientSampleId :

VW0207SBS01

Tot Ion: 56 Resp: 32578

Ion Ratio Lower Upper

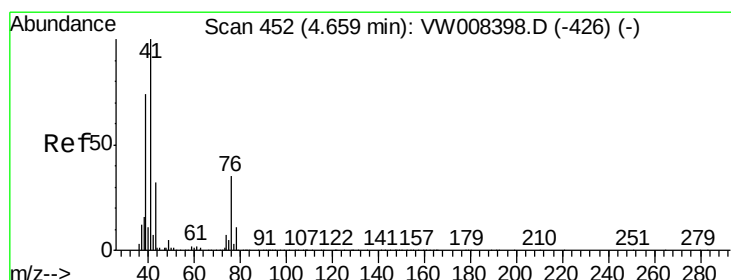
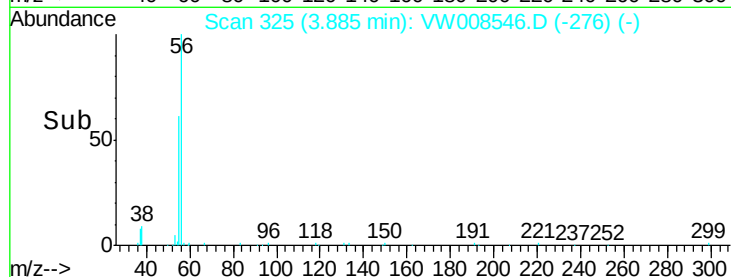
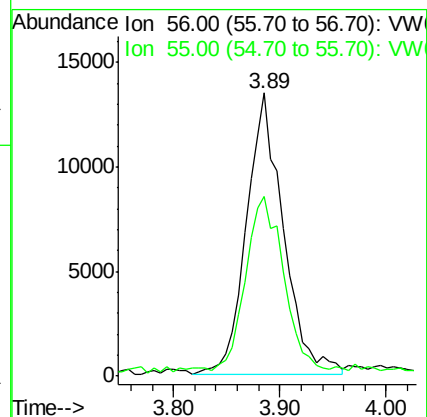
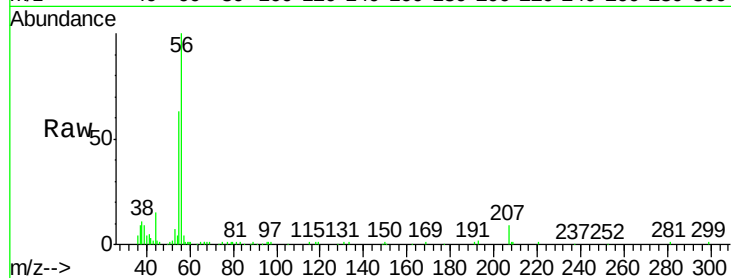
56 100

55 65.8 56.7 85.1

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#14

Allyl chloride

Concen: 16.257 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW008546.D

Acq: 07 Feb 2019 12:22

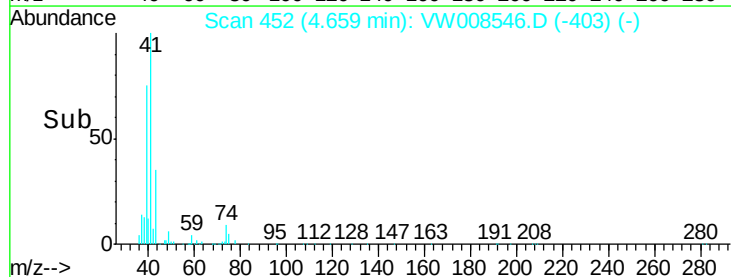
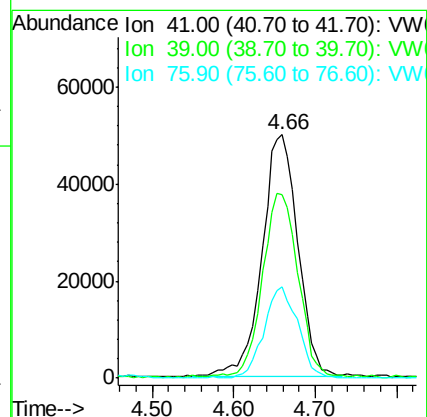
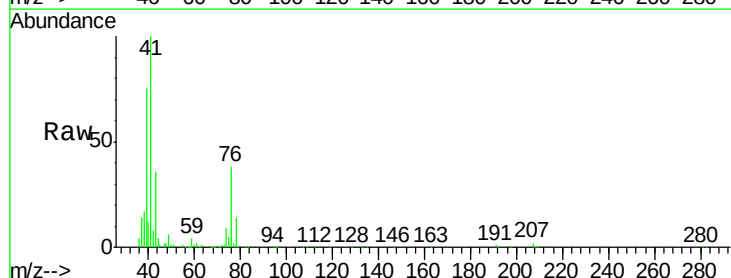
Tgt Ion: 41 Resp: 152216

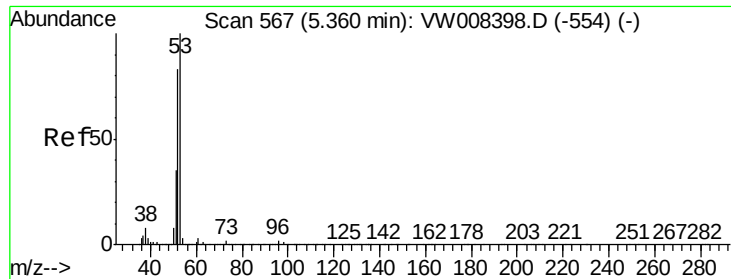
Ion Ratio Lower Upper

41 100

39 75.2 57.7 86.5

76 35.7 26.9 40.3





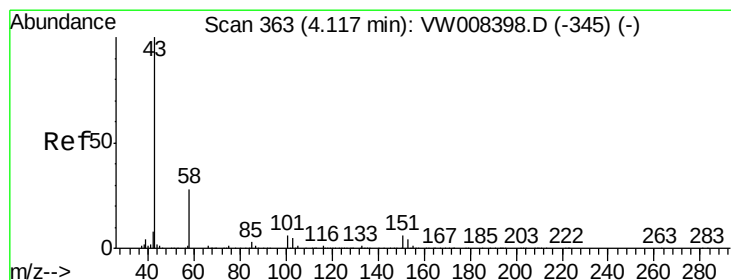
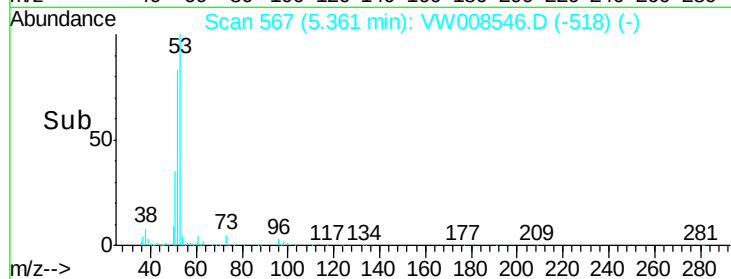
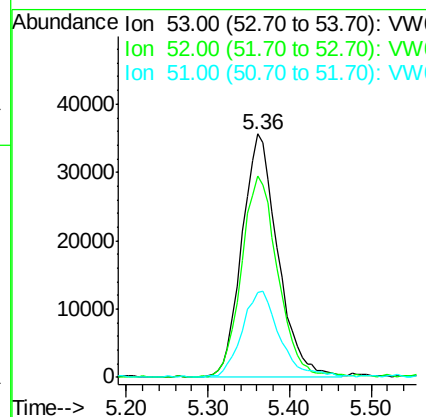
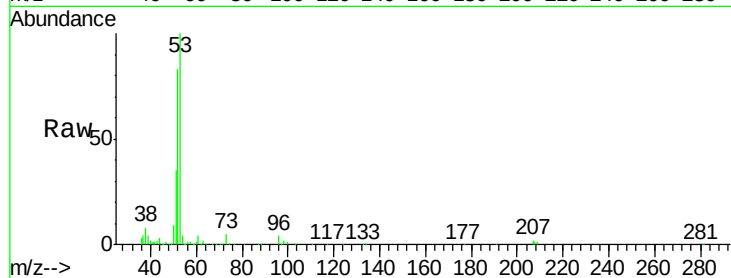
#15
 Acrylonitrile
 Concen: 93.190 ug/l
 RT: 5.36 min Scan# 567
 Delta R.T. 0.00 min
 Lab File: VW008546.D
 Acq: 07 Feb 2019 12:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0207SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
53	100		108102		
52	84.6	67.0	100.4		
51	37.3	29.8	44.8		

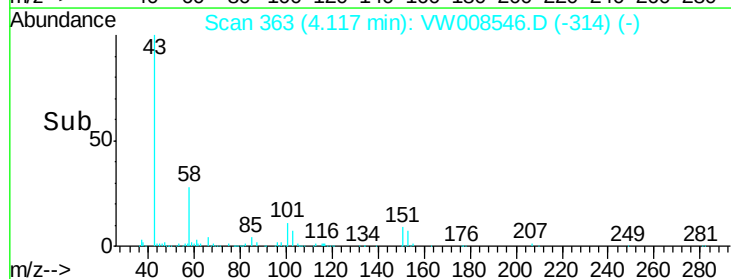
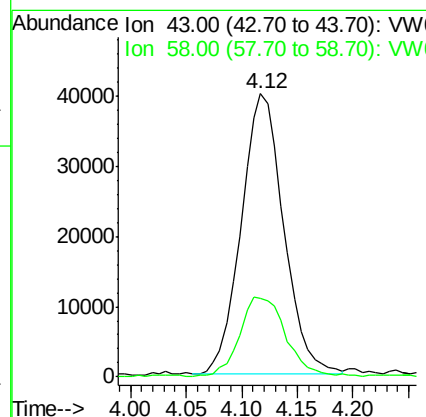
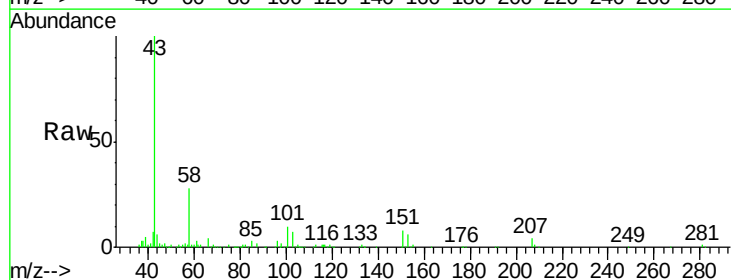
Manual Integrations
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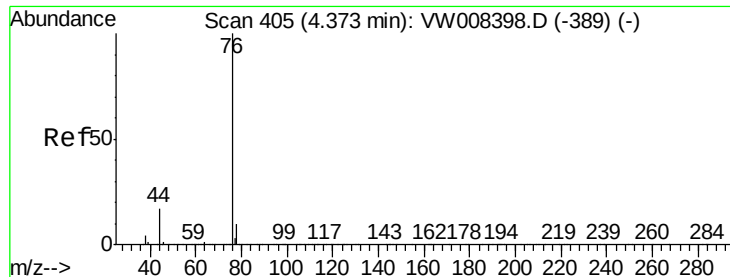
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#16
 Acetone
 Concen: 89.271 ug/l
 RT: 4.12 min Scan# 363
 Delta R.T. 0.00 min
 Lab File: VW008546.D
 Acq: 07 Feb 2019 12:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
43	100		106091		
58	27.8	22.6	34.0		





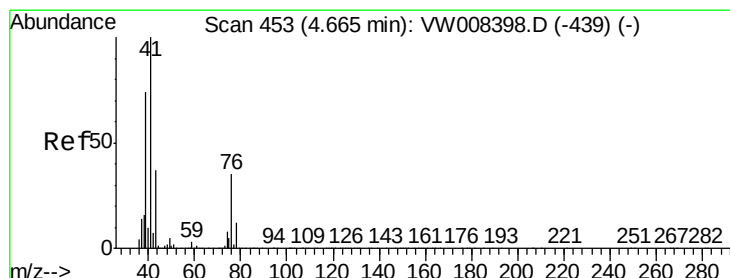
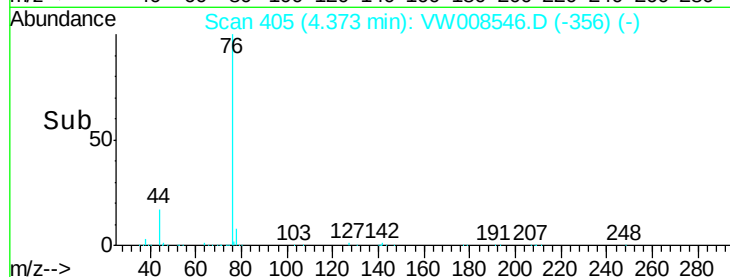
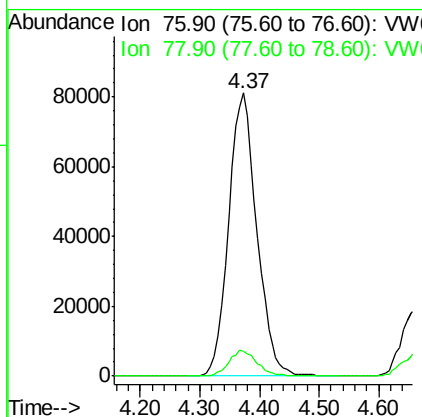
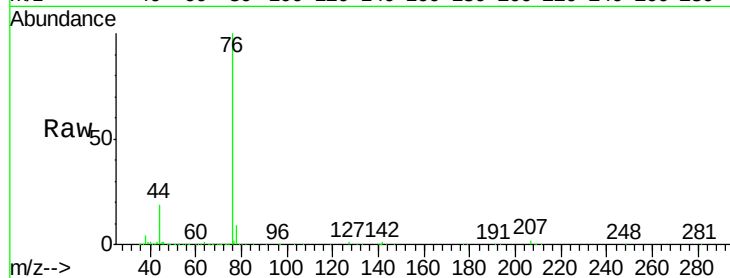
#17
Carbon Disulfide
Concen: 16.885 ug/l
RT: 4.37 min Scan# 405
Delta R.T. 0.00 min
Lab File: VW008546.D
Acq: 07 Feb 2019 12:22

Instrument :
MSVOA_W
ClientSampleId :
VW0207SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.7	11.5

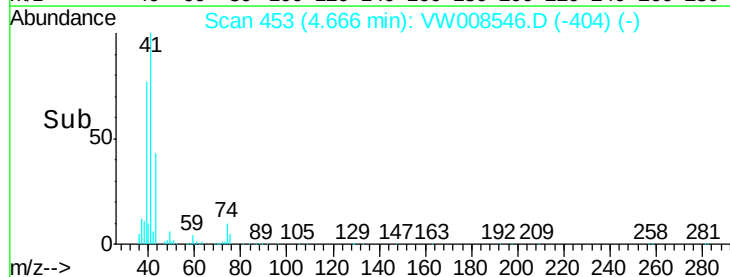
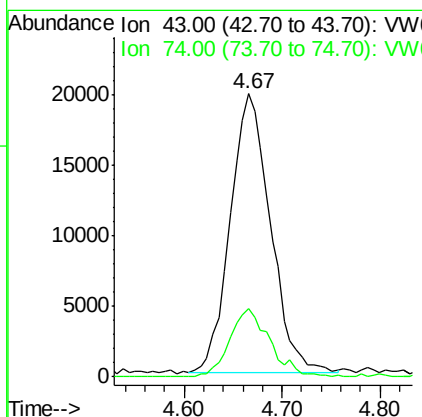
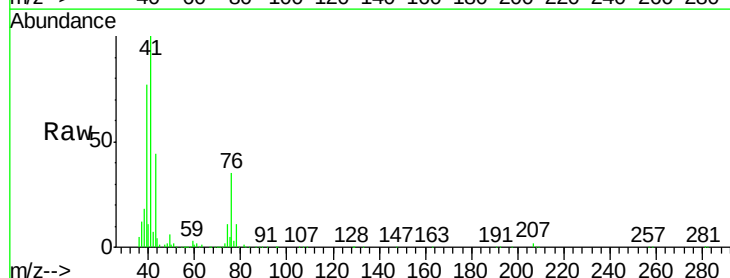
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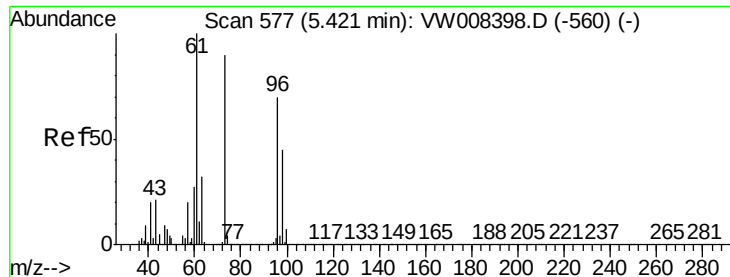
MMDadoda
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#18
Methyl Acetate
Concen: 17.730 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW008546.D
Acq: 07 Feb 2019 12:22

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.4	17.5	26.3





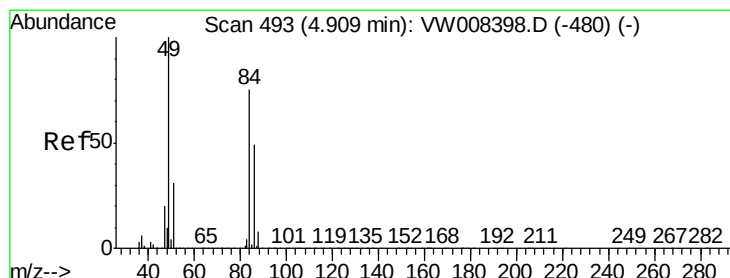
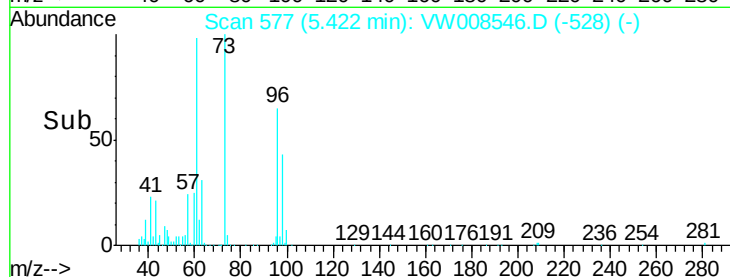
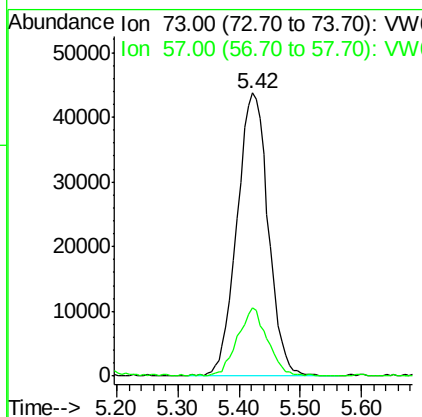
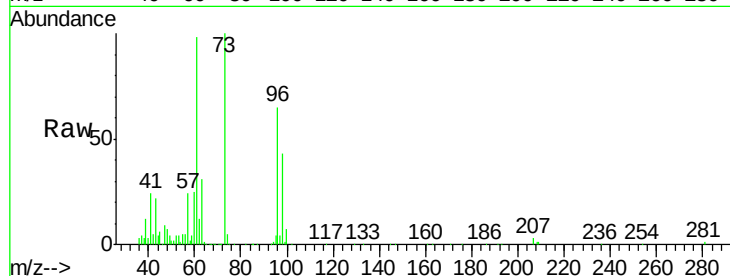
#19
Methyl tert-butyl Ether
Concen: 19.033 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW008546.D
Acq: 07 Feb 2019 12:22

Instrument :
MSVOA_W
ClientSampleId :
VW0207SBS01

Tot Ion: 73 Resp: 155273
Ion Ratio Lower Upper
73 100
57 24.1 18.0 27.0

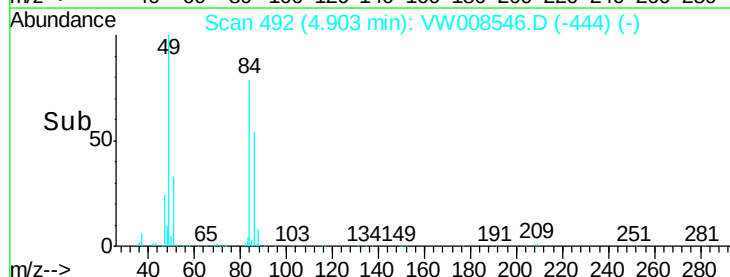
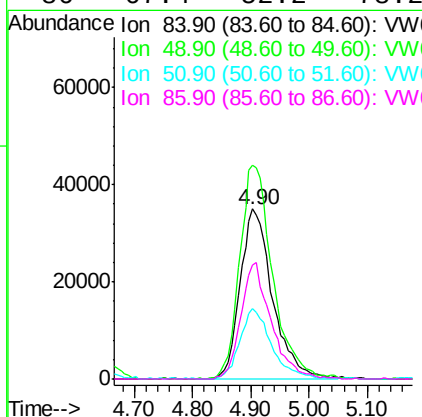
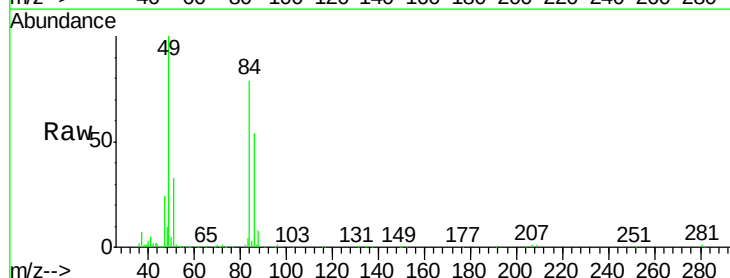
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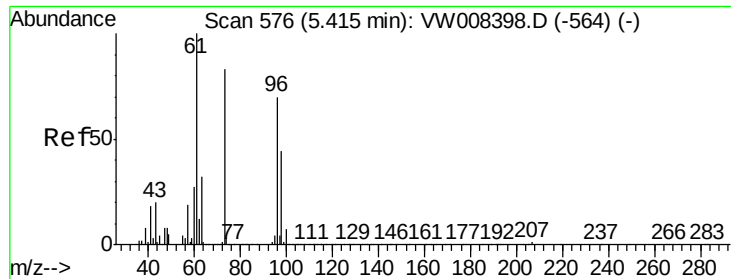
MMDadoda
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#20
Methylene Chloride
Concen: 24.673 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW008546.D
Acq: 07 Feb 2019 12:22

Tgt Ion: 84 Resp: 135146
Ion Ratio Lower Upper
84 100
49 125.9 106.8 160.2
51 41.2 32.9 49.3
86 67.4 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 18.079 ug/l

RT: 5.41 min Scan# 575

Delta R.T. -0.01 min

Lab File: VW008546.D

Acq: 07 Feb 2019 12:22

Instrument :

MSVOA_W

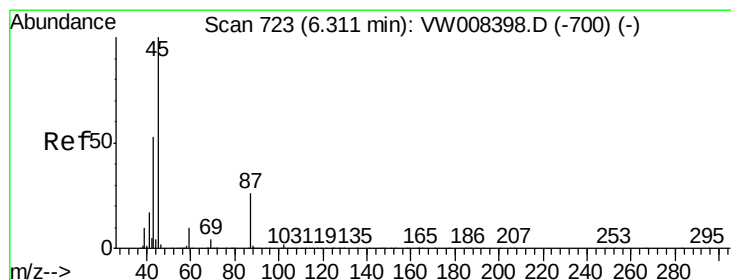
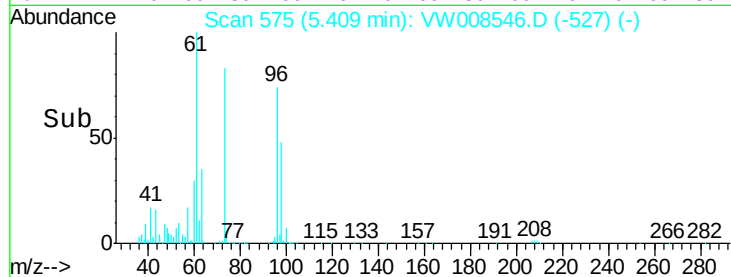
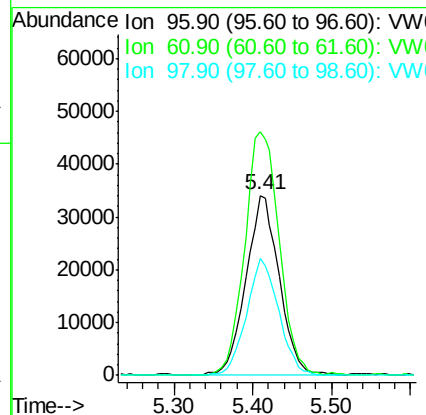
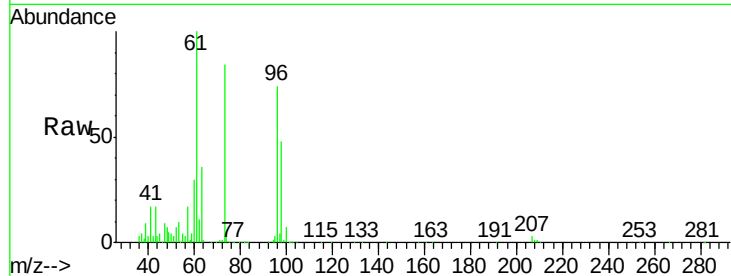
ClientSampleId :

VW0207SBS01

Tot Ion:	96	Resp:	100216
Ion	Ratio	Lower	Upper
96	100		
61	135.3	114.4	171.6
98	64.9	50.6	75.8

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#22

Diisopropyl ether

Concen: 17.040 ug/l

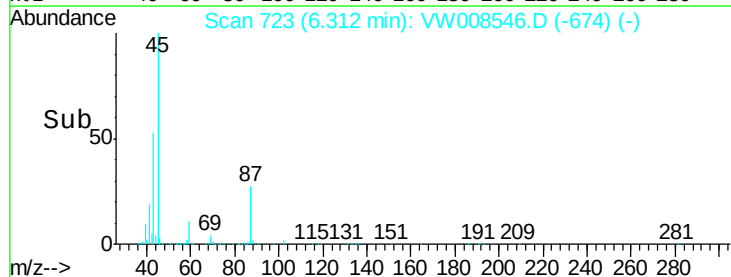
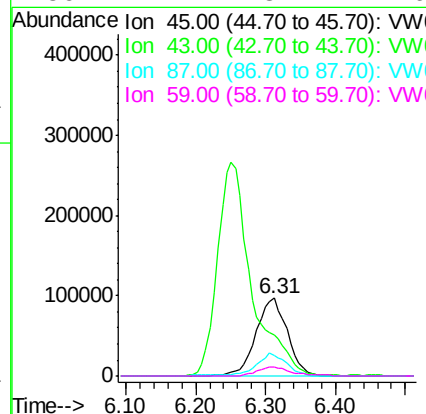
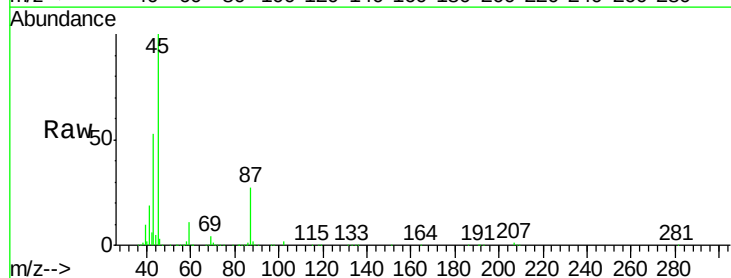
RT: 6.31 min Scan# 723

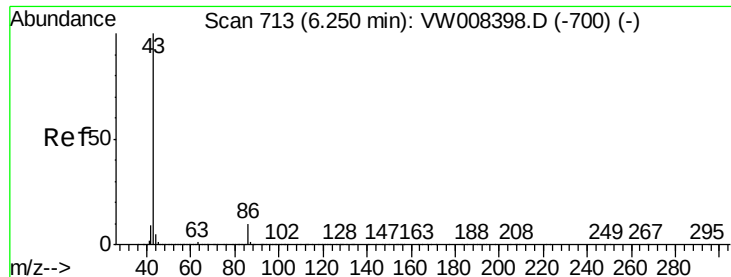
Delta R.T. 0.00 min

Lab File: VW008546.D

Acq: 07 Feb 2019 12:22

Tgt Ion:	45	Resp:	302378
Ion	Ratio	Lower	Upper
45	100		
43	52.6	42.6	63.8
87	26.3	20.3	30.5
59	11.1	8.4	12.6





#23

Vinyl Acetate

Concen: 86.179 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW008546.D

Acq: 07 Feb 2019 12:22

Tot Ion: 43 Resp: 902989

Ion Ratio Lower Upper

43 100

86 10.9 7.8 11.8

Instrument :

MSVOA_W

ClientSampleId :

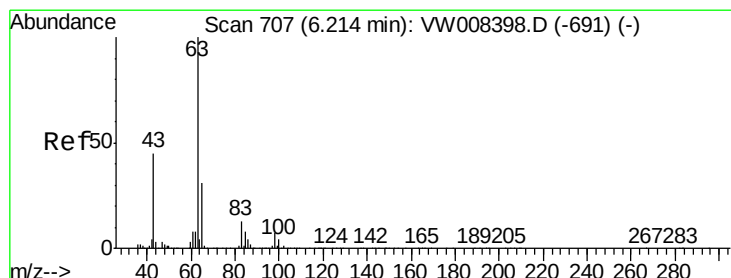
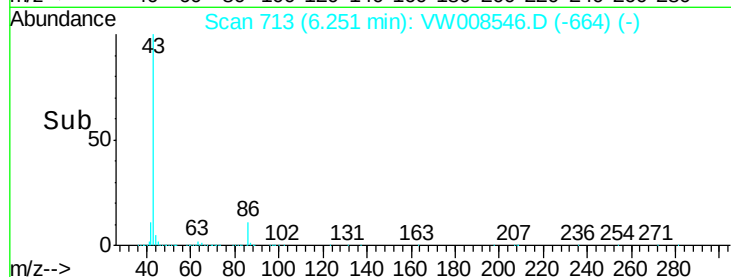
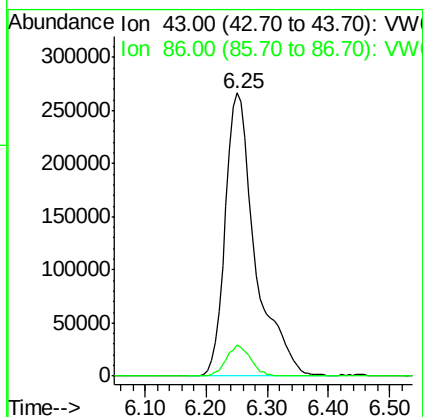
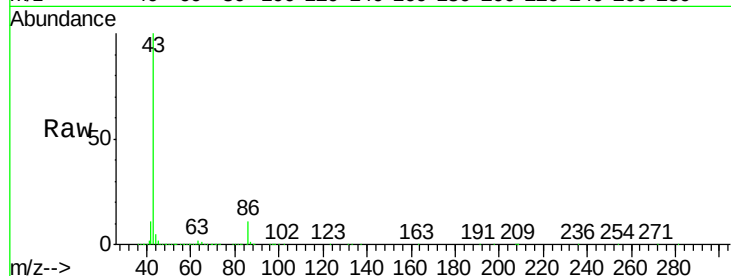
VW0207SBS01

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#24

1,1-Dichloroethane

Concen: 17.634 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW008546.D

Acq: 07 Feb 2019 12:22

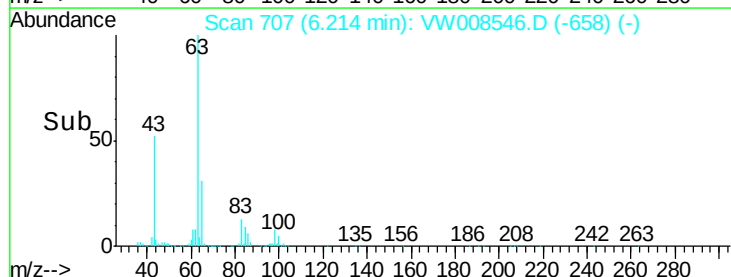
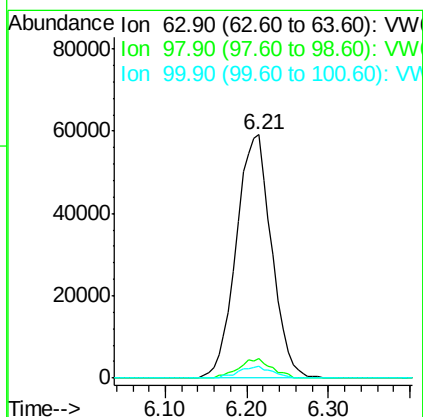
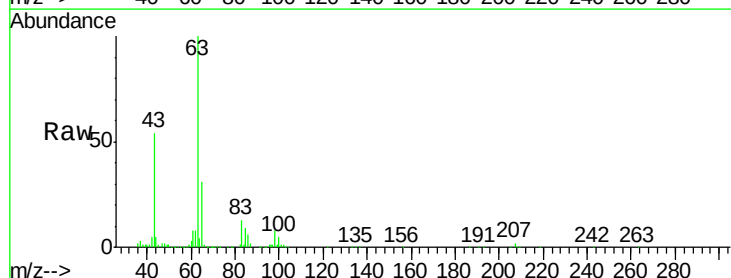
Tgt Ion: 63 Resp: 177124

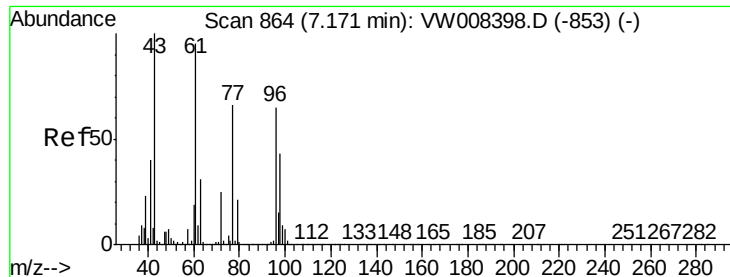
Ion Ratio Lower Upper

63 100

98 8.2 3.5 10.5

100 4.6 2.1 6.2





#25

2-Butanone

Concen: 90.737 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW008546.D

Acq: 07 Feb 2019 12:22

Instrument :

MSVOA_W

ClientSampleId :

VW0207SBS01

Tot Ion: 43 Resp: 149779

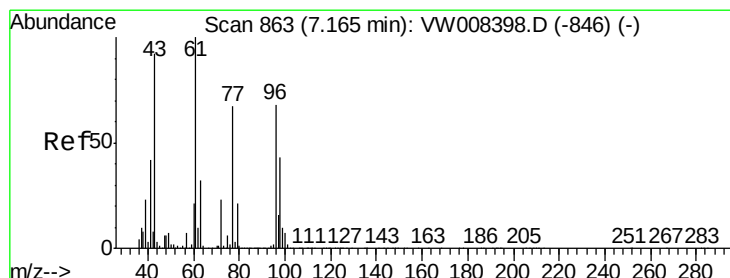
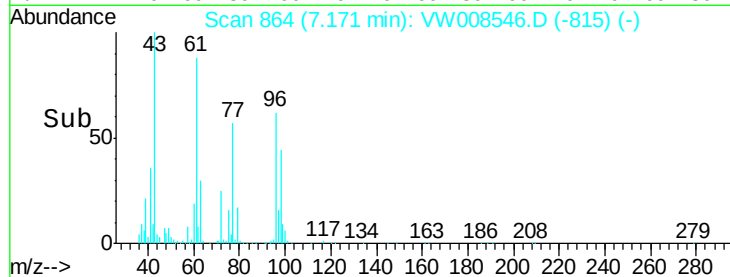
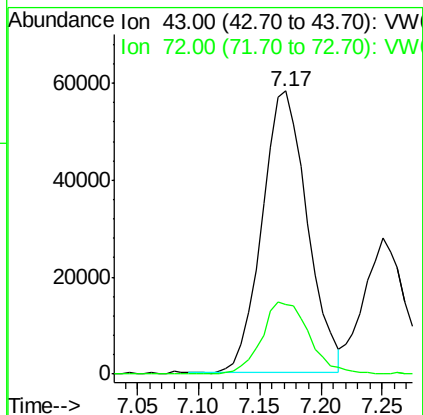
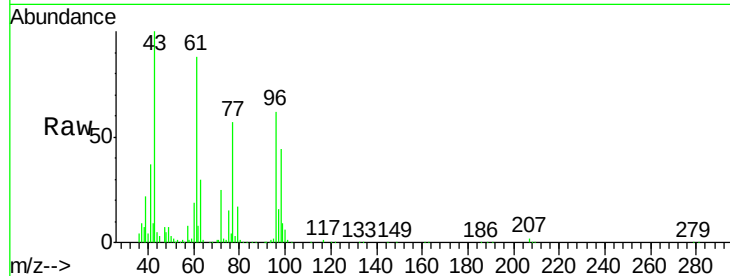
Ion Ratio Lower Upper

43 100

72 24.9 20.1 30.1

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 18.082 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW008546.D

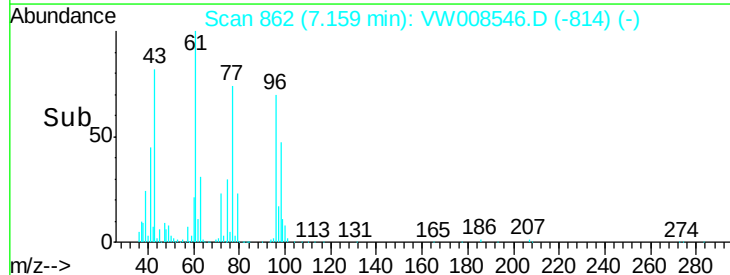
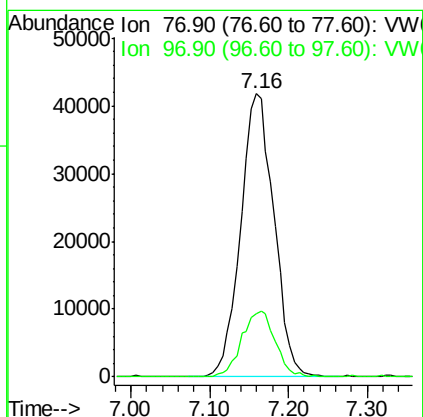
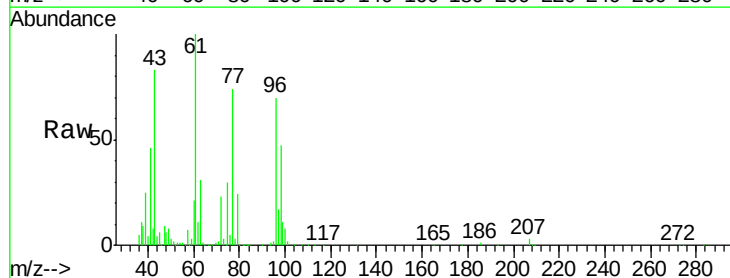
Acq: 07 Feb 2019 12:22

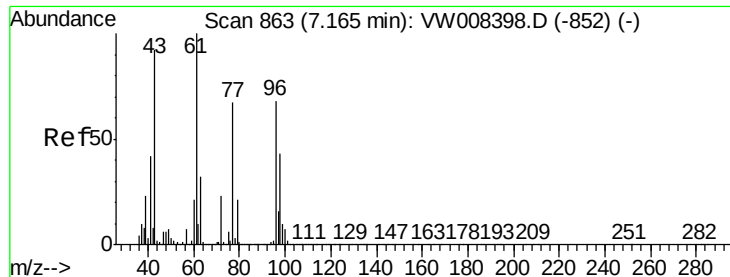
Tgt Ion: 77 Resp: 122769

Ion Ratio Lower Upper

77 100

97 23.3 11.5 34.5





#27

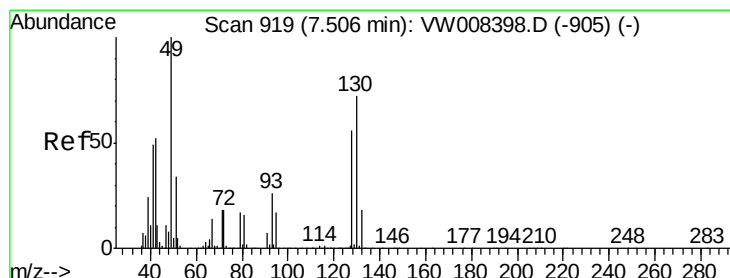
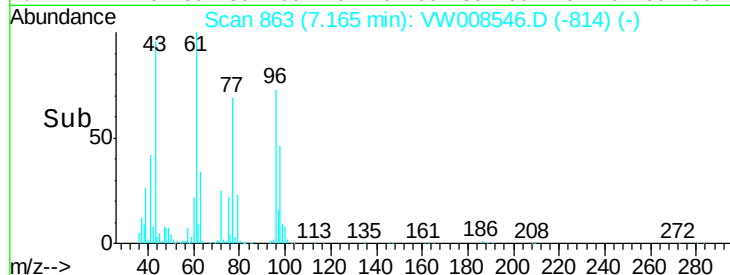
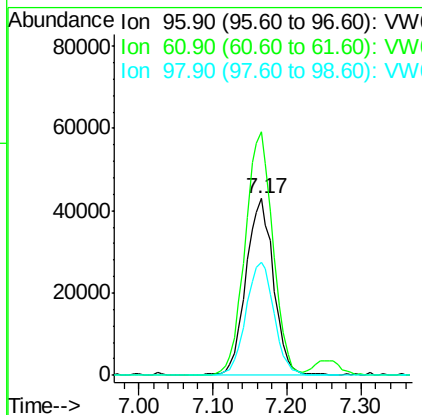
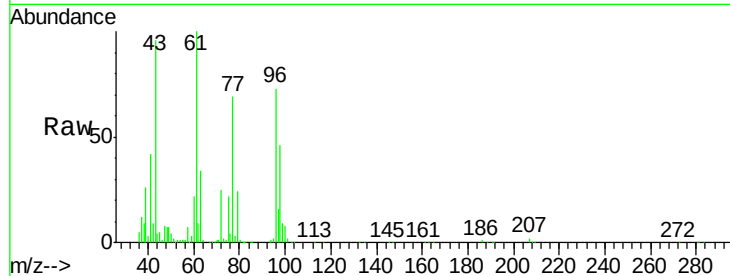
cis-1,2-Dichloroethene
Concen: 18.607 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW008546.D
Acq: 07 Feb 2019 12:22

Instrument :
MSVOA_W
ClientSampleId :
VW0207SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	138.1	0.0	292.8	
98	64.9	0.0	129.2	

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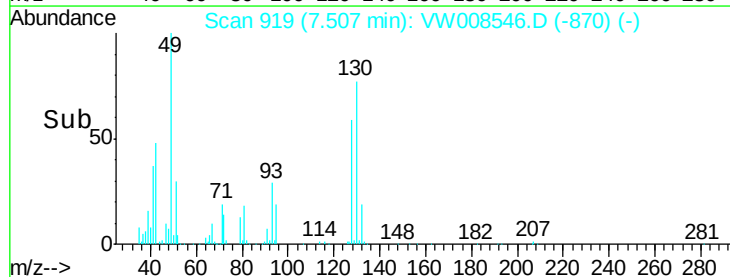
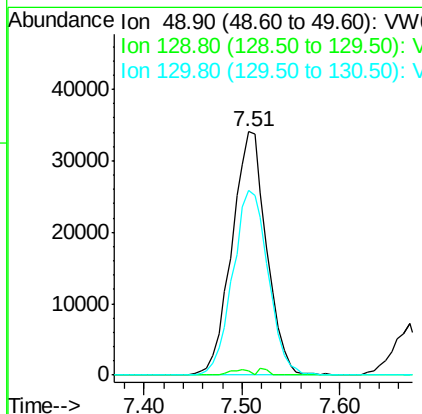
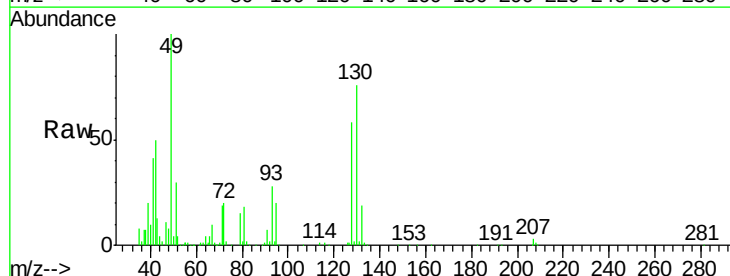
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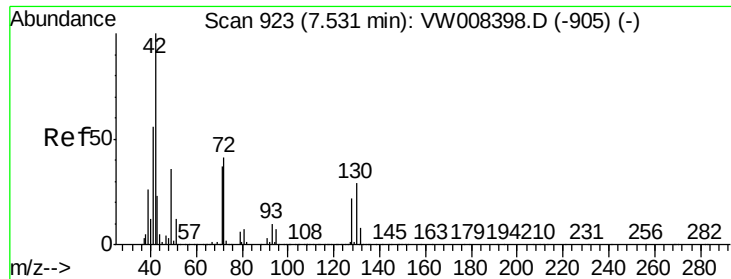


#28

Bromochloromethane
Concen: 18.149 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW008546.D
Acq: 07 Feb 2019 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.4	0.0	4.6	
130	77.4	58.6	87.8	





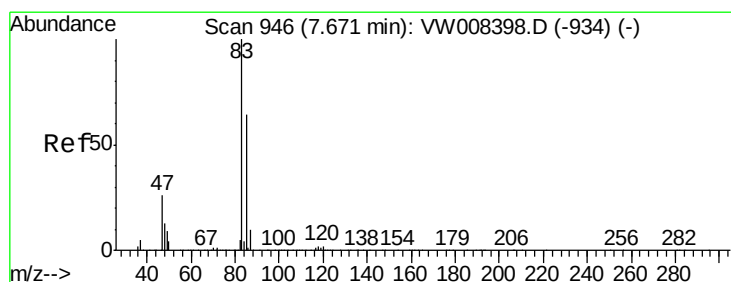
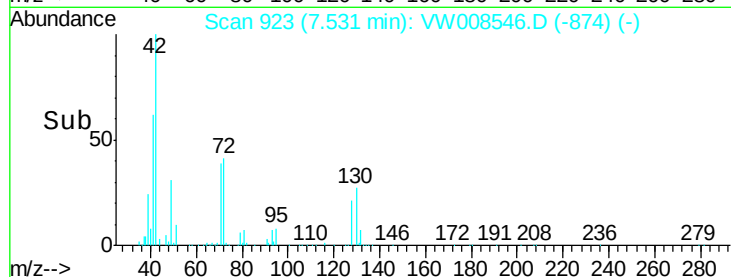
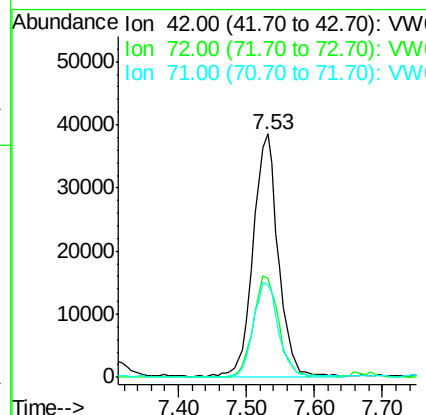
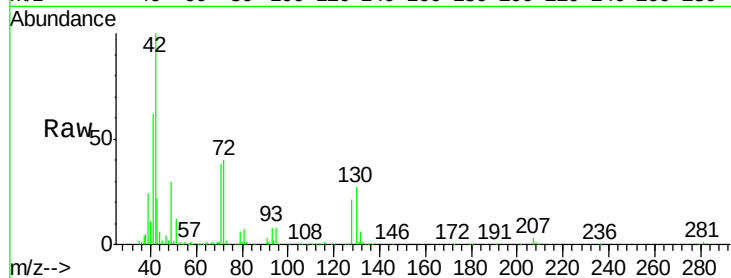
#29
Tetrahydrofuran
Concen: 94.557 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW008546.D
Acq: 07 Feb 2019 12:22

Instrument :
MSVOA_W
ClientSampleId :
VW0207SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.8	31.9	47.9
71	39.2	29.9	44.9

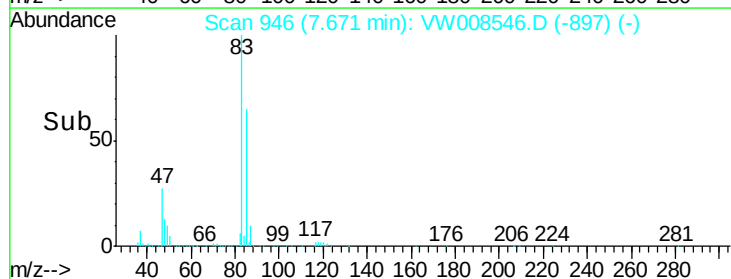
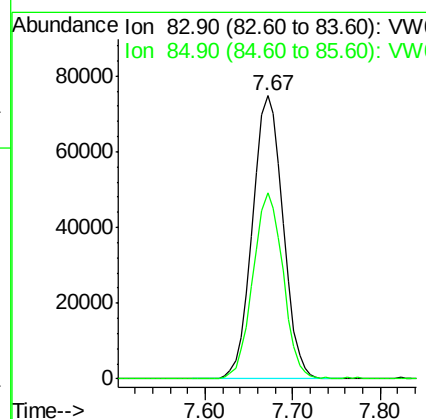
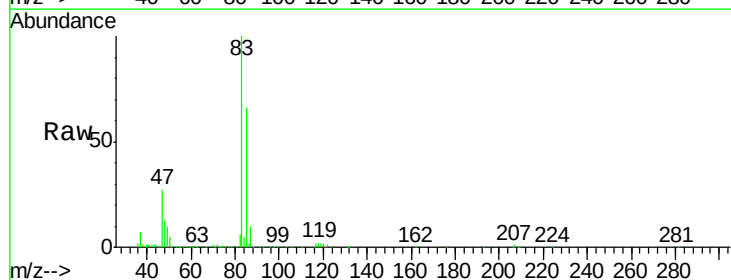
Manual Integrations
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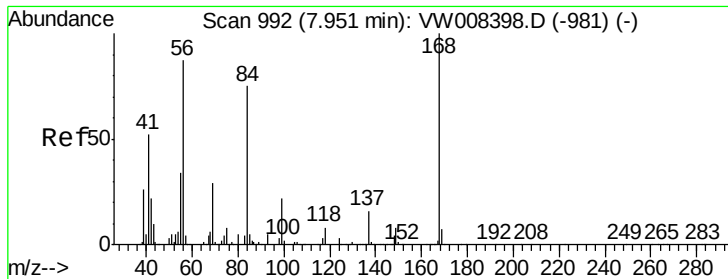
MMDadoda
2/11/2019 12:38:32 PM



#30
Chloroform
Concen: 18.401 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW008546.D
Acq: 07 Feb 2019 12:22

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	50.9	76.3





#31

Cyclohexane

Concen: 16.692 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW008546.D

Acq: 07 Feb 2019 12:22

Instrument :

MSVOA_W

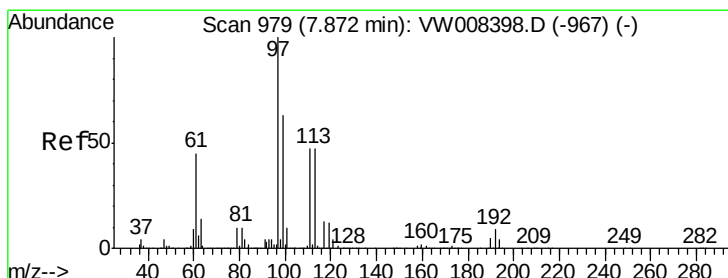
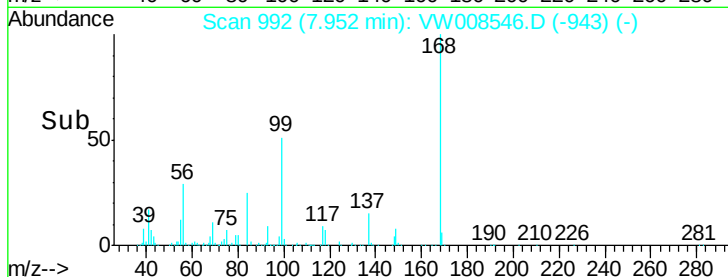
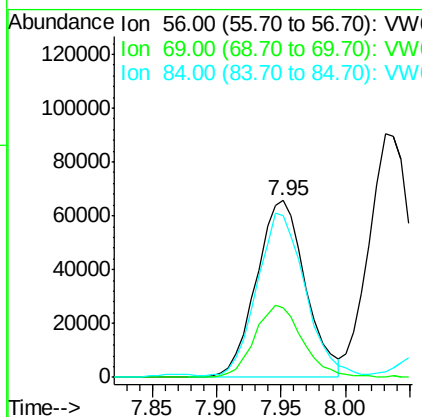
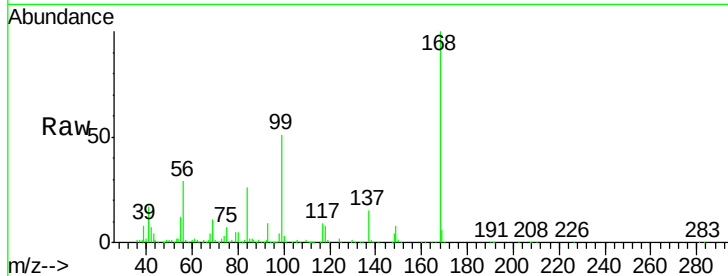
ClientSampleId :

VW0207SBS01

Tot Ion:	56	Resp:	173365
Ion Ratio		Lower	Upper
56	100		
69	39.3	26.4	39.6
84	90.0	69.1	103.7

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 18.219 ug/l

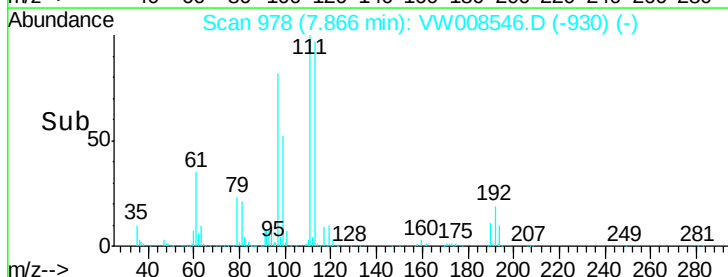
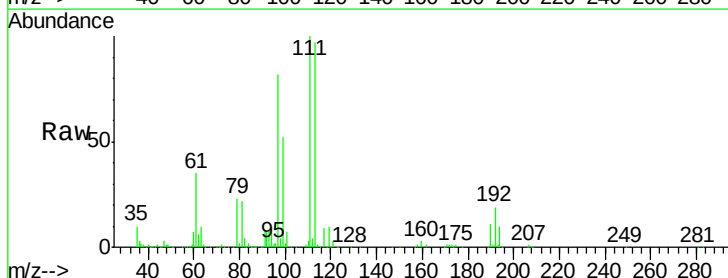
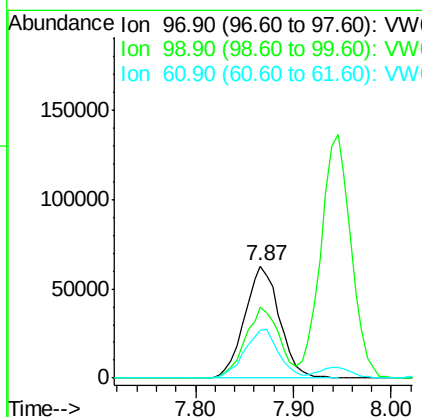
RT: 7.87 min Scan# 978

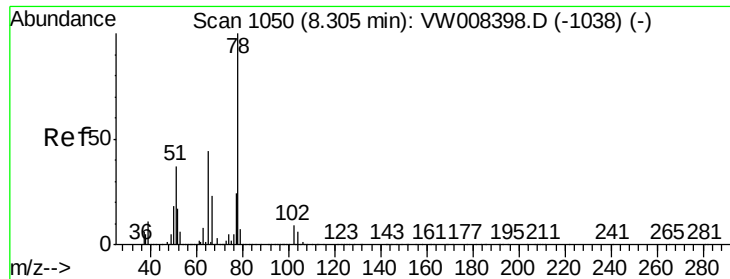
Delta R.T. -0.01 min

Lab File: VW008546.D

Acq: 07 Feb 2019 12:22

Tgt Ion:	97	Resp:	155468
Ion Ratio		Lower	Upper
97	100		
99	62.0	51.3	76.9
61	42.8	36.2	54.4





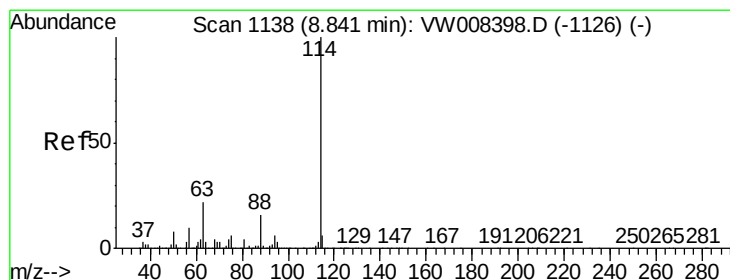
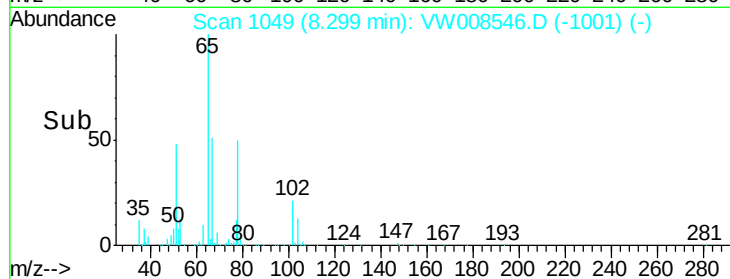
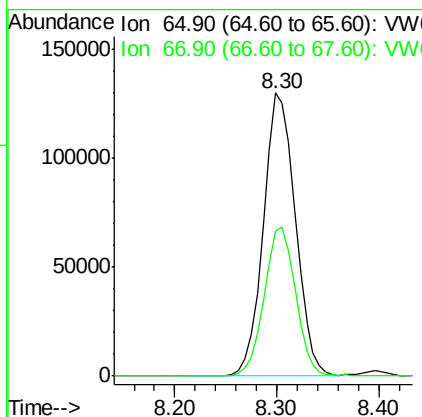
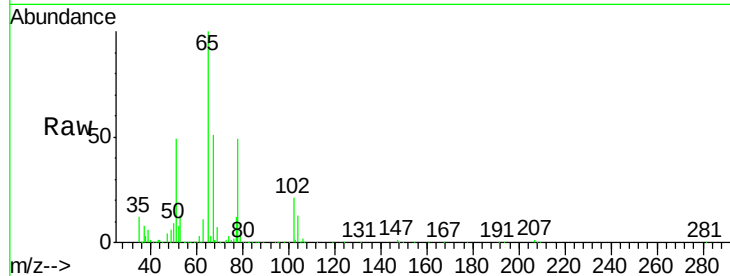
#33
 1,2-Dichloroethane-d4
 Concen: 53.455 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW008546.D
 Acq: 07 Feb 2019 12:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0207SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	282889		
67	51.9	0.0	104.0	

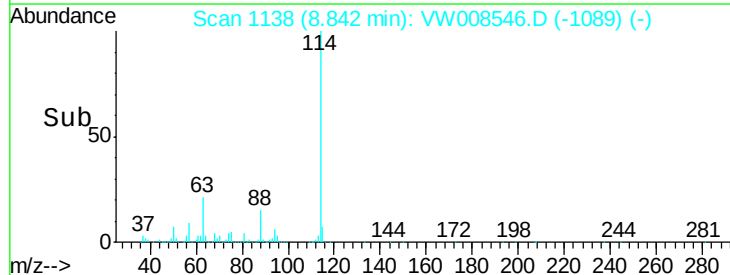
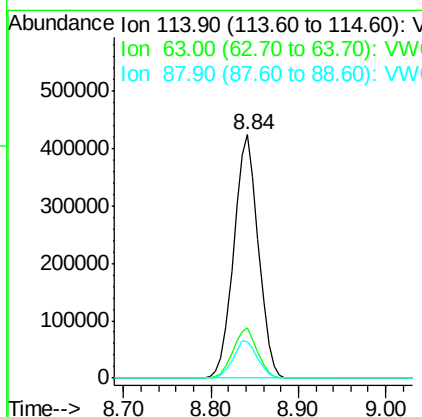
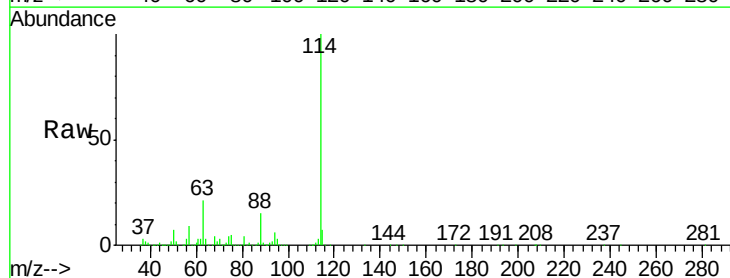
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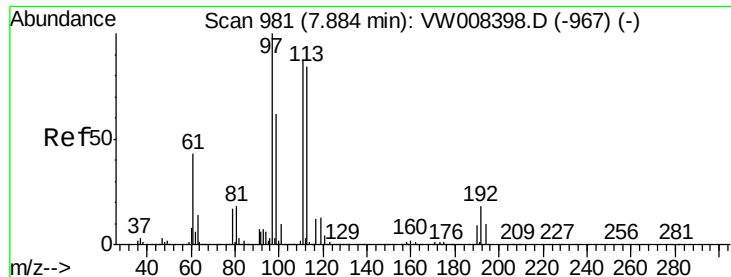
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008546.D
 Acq: 07 Feb 2019 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	825293		
63	20.6	0.0	43.6	
88	15.0	0.0	31.8	





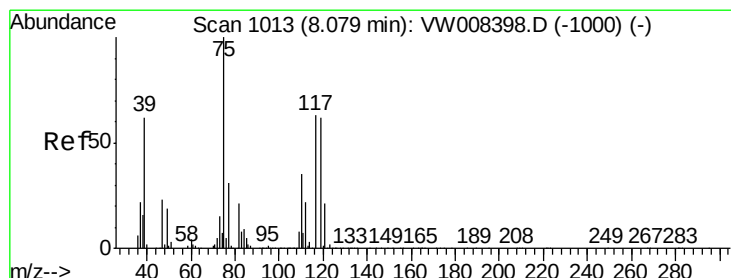
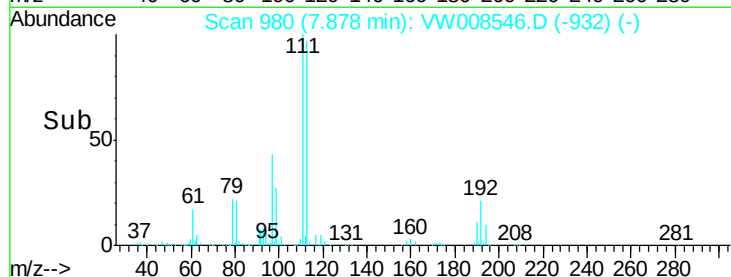
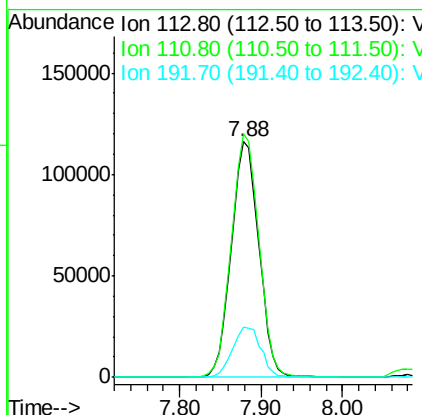
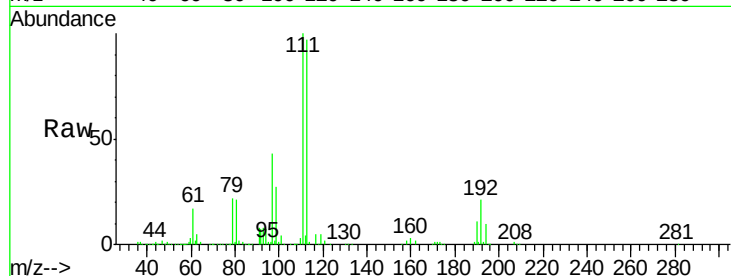
#35
 Dibromofluoromethane
 Concen: 56.029 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW008546.D
 Acq: 07 Feb 2019 12:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0207SBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.0	121.4
192	21.9	16.8	25.2

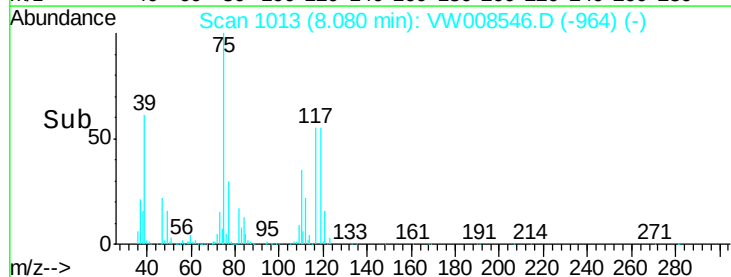
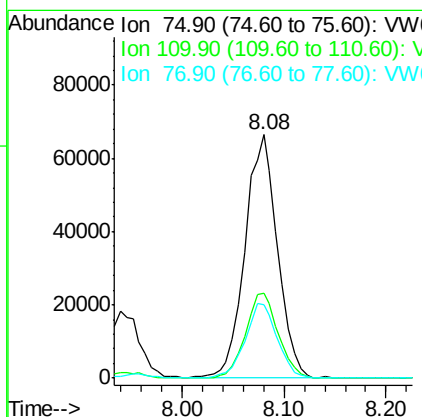
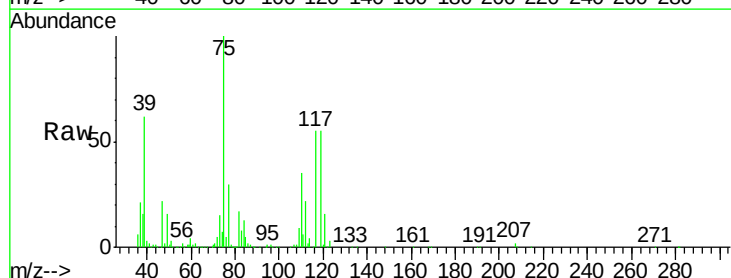
Manual Integrations
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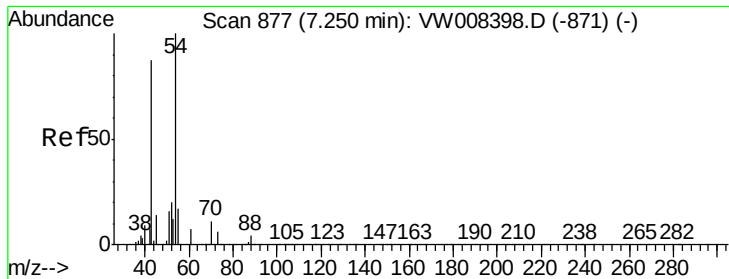
MMDadoda
 2/11/2019 12:38:32 PM



#36
 1,1-Dichloropropene
 Concen: 18.781 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW008546.D
 Acq: 07 Feb 2019 12:22

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.1	17.3	52.0
77	30.8	24.7	37.1





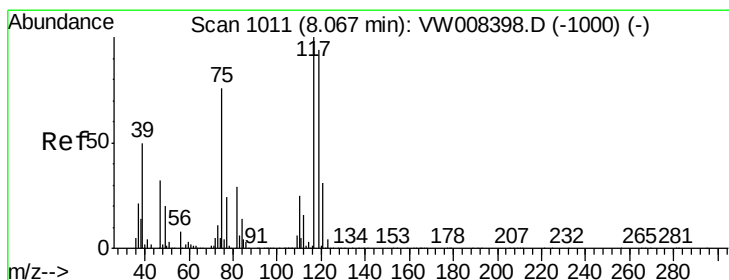
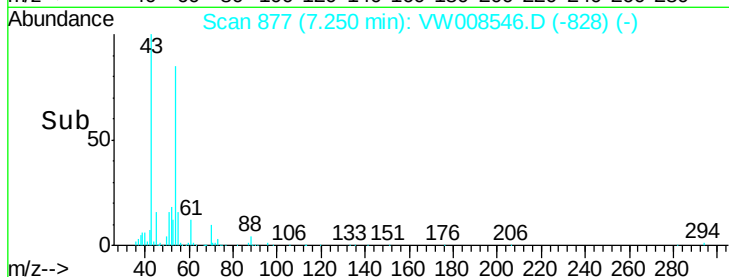
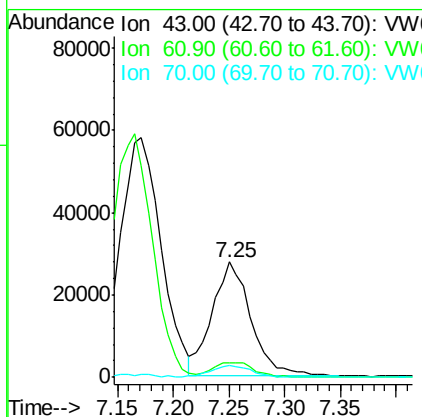
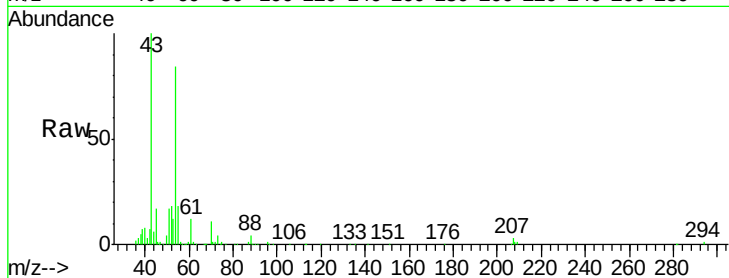
#37
Ethyl Acetate
Concen: 19.514 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW008546.D
Acq: 07 Feb 2019 12:22

Instrument :
MSVOA_W
ClientSampleId :
VW0207SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	10.1	15.1
70	10.9	7.8	11.6

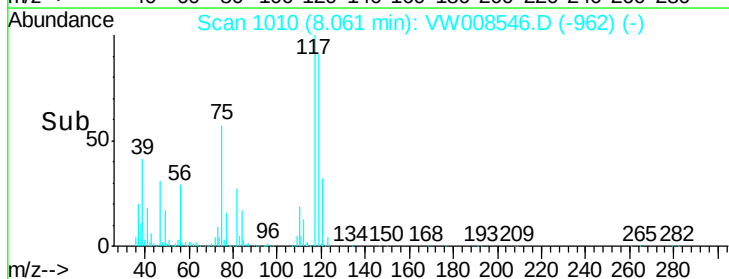
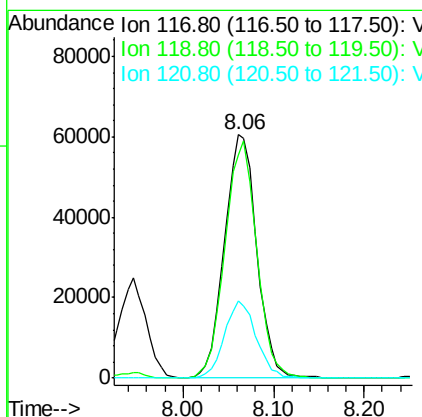
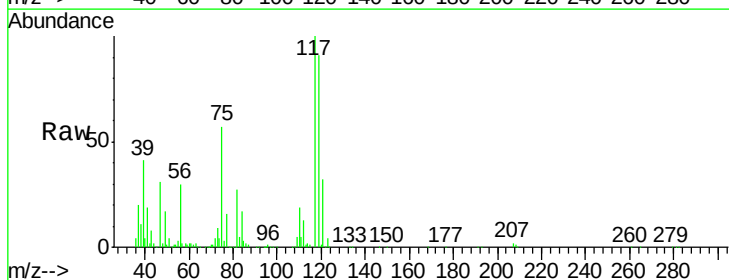
Manual Integrations
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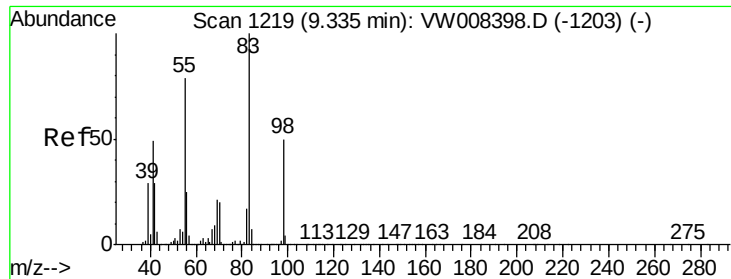
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#38
Carbon Tetrachloride
Concen: 19.113 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW008546.D
Acq: 07 Feb 2019 12:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.4	75.0	112.4
121	31.7	24.9	37.3





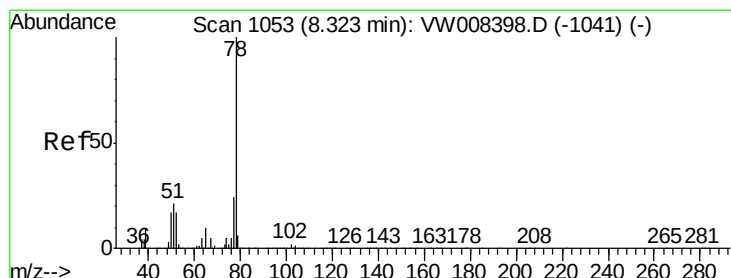
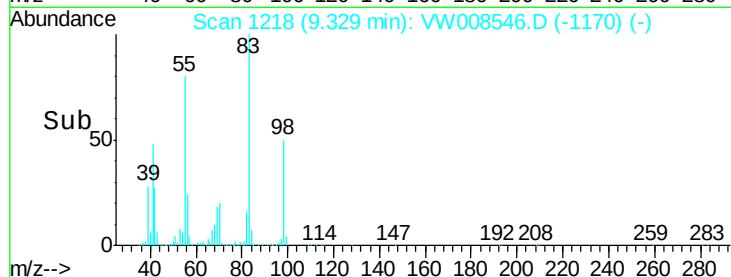
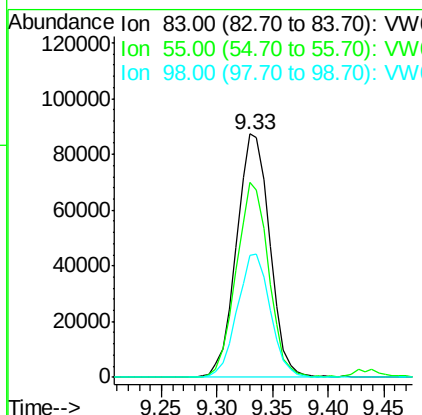
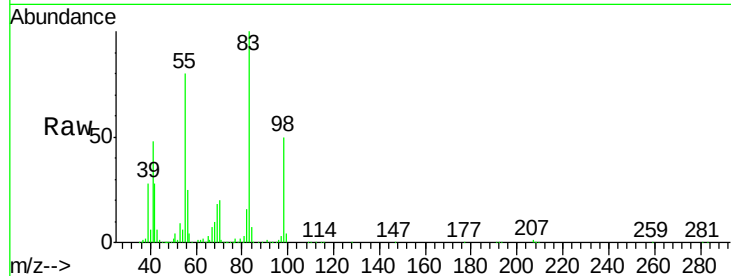
#39
Methylvlcyclohexane
Concen: 17.608 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW008546.D
Acq: 07 Feb 2019 12:22

Instrument :
MSVOA_W
ClientSampleId :
VW0207SBS01

Tot Ion:	83	Resp:	180331
Ion Ratio	Lower	Upper	
83	100		
55	79.8	63.3	94.9
98	50.2	39.7	59.5

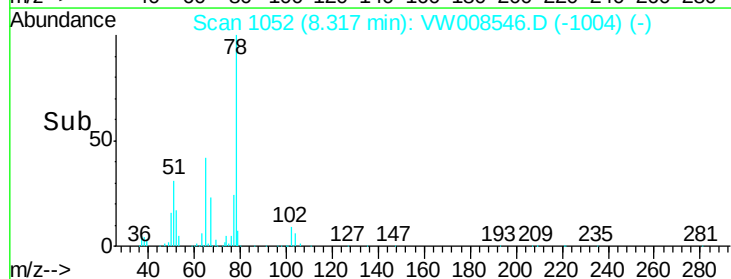
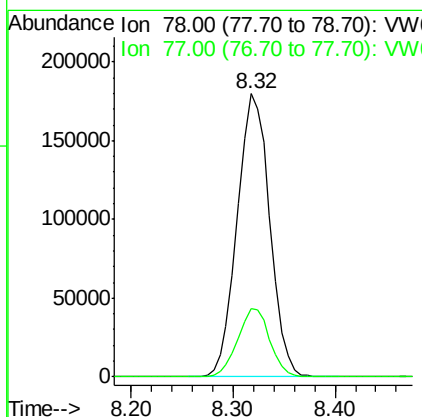
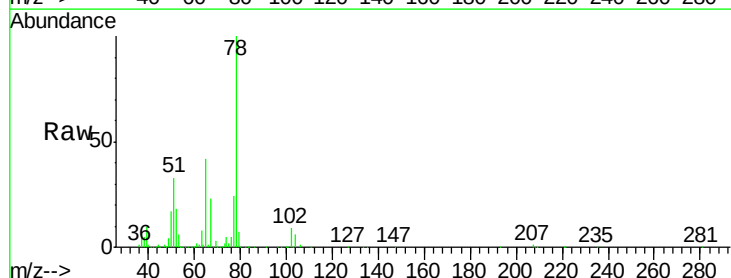
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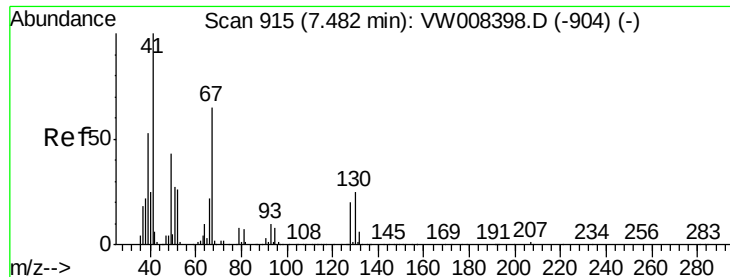
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#40
Benzene
Concen: 18.422 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW008546.D
Acq: 07 Feb 2019 12:22

Tgt Ion:	78	Resp:	398505
Ion Ratio	Lower	Upper	
78	100		
77	24.1	19.0	28.6





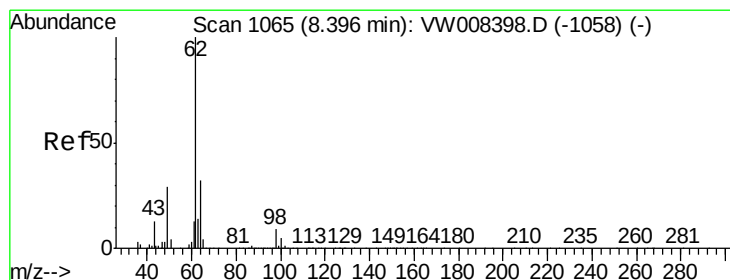
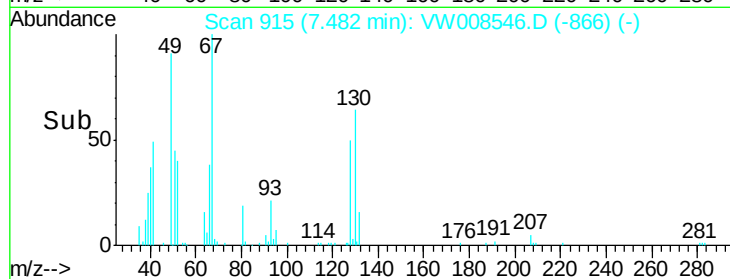
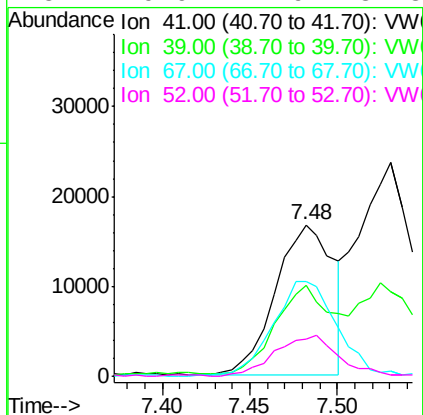
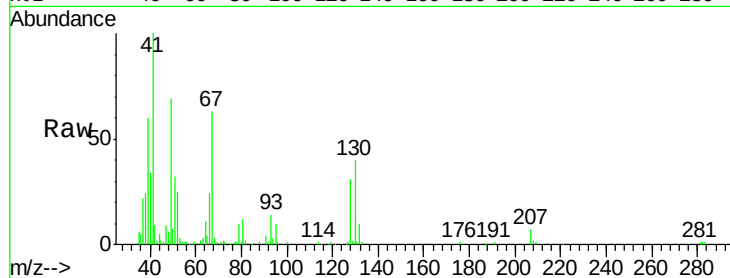
#41
Methacrylonitrile
Concen: 18.844 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW008546.D
Acq: 07 Feb 2019 12:22

Instrument :
MSVOA_W
ClientSampled :
VW0207SBSD01

Tot Ion	Ratio	Lower	Upper
41	100		
39	61.6	43.4	65.0
67	70.3	54.2	81.2
52	29.9	22.9	34.3

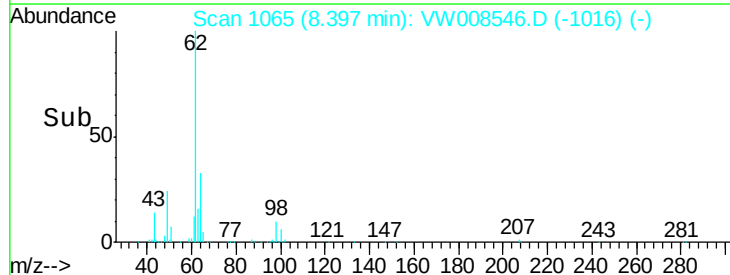
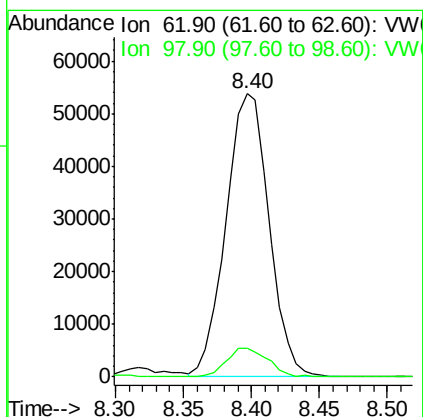
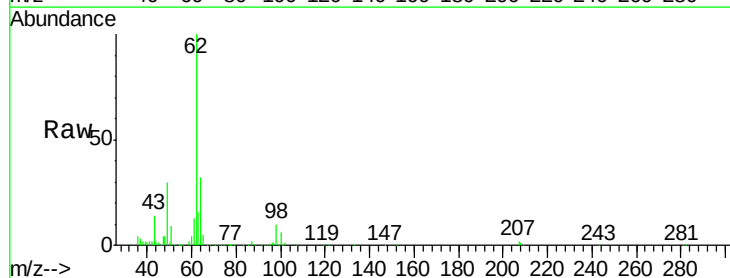
Manual Integrations
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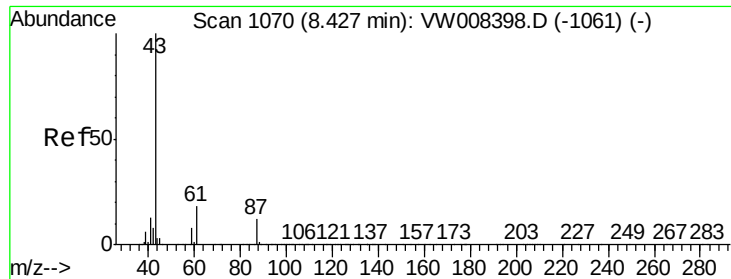
MMDadoda
2/11/2019 12:38:32 PM



#42
1,2-Dichloroethane
Concen: 18.915 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW008546.D
Acq: 07 Feb 2019 12:22

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	18.6





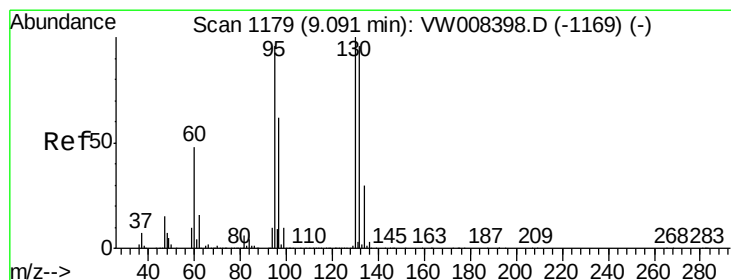
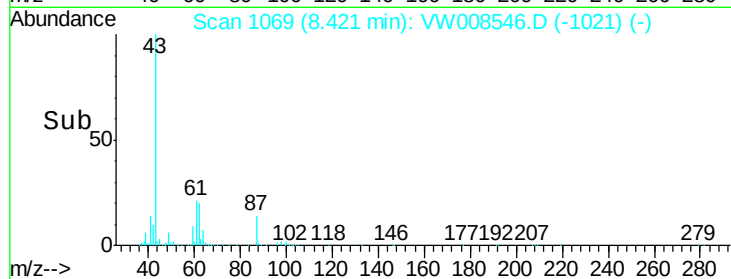
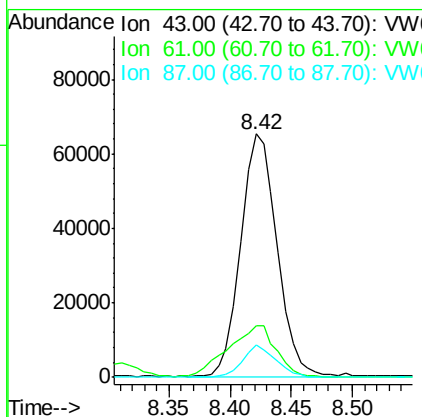
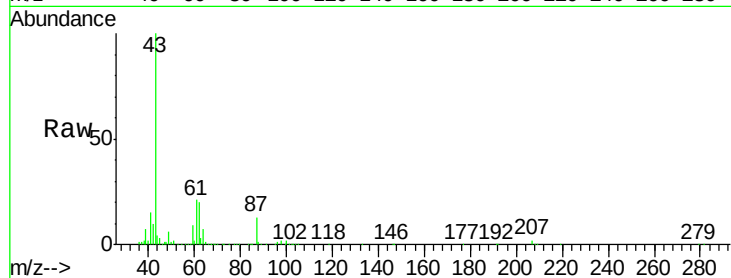
#43
Isopropyl Acetate
Concen: 18.986 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. -0.01 min
Lab File: VW008546.D
Acq: 07 Feb 2019 12:22

Instrument :
MSVOA_W
ClientSampleId :
VW0207SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	28.4	22.0	33.0
87	12.1	9.3	13.9

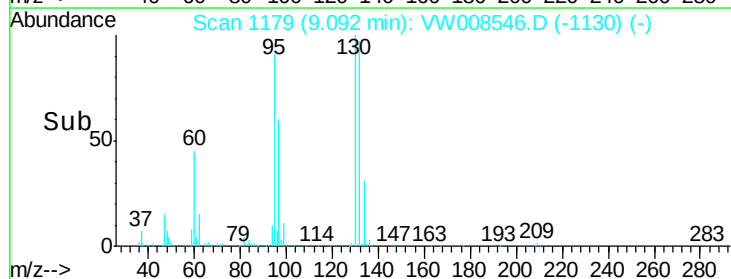
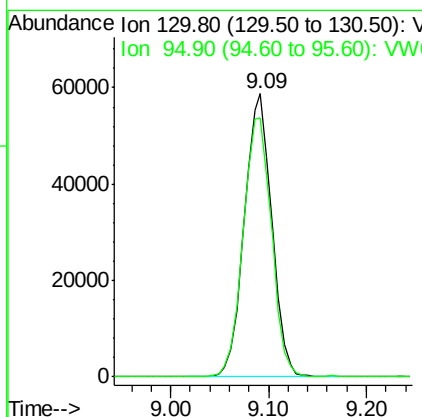
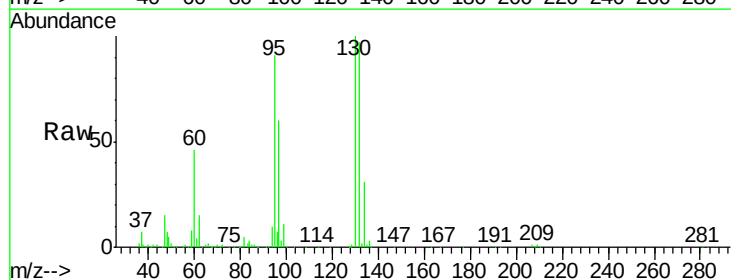
Manual Integrations
APPROVED

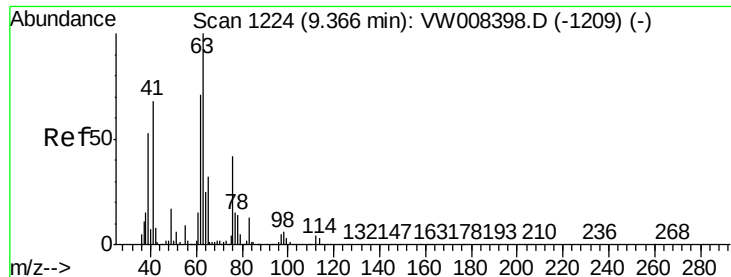
MMDadoda
2/11/2019 12:38:32 PM



#44
Trichloroethene
Concen: 19.350 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VW008546.D
Acq: 07 Feb 2019 12:22

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.4	0.0	191.6





#45

1,2-Dichloropropane

Concen: 17.686 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW008546.D

Acq: 07 Feb 2019 12:22

Instrument :

MSVOA_W

ClientSampleId :

VW0207SBS01

Tot Ion: 63 Resp: 95397

Ion Ratio Lower Upper

63 100

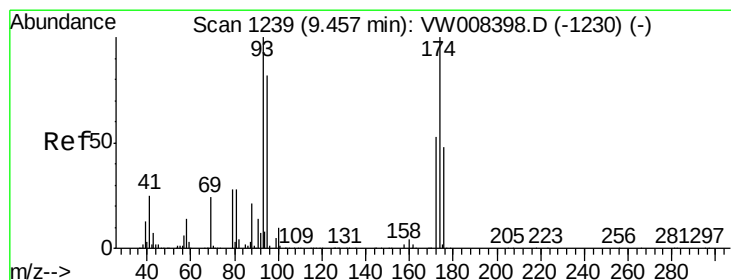
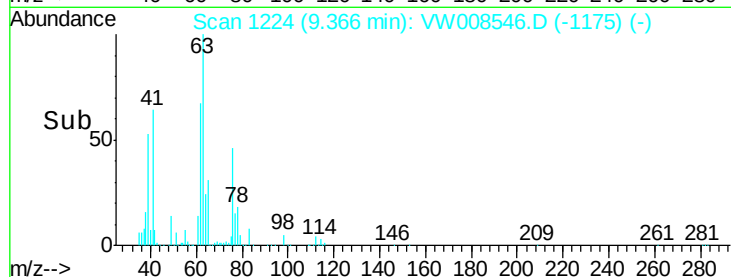
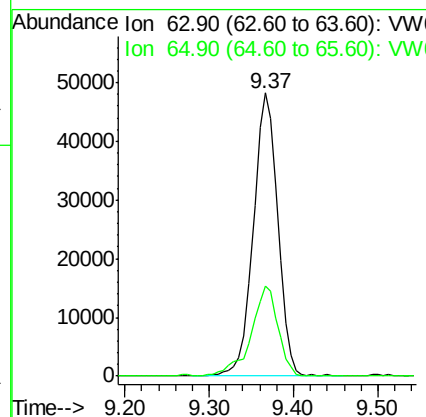
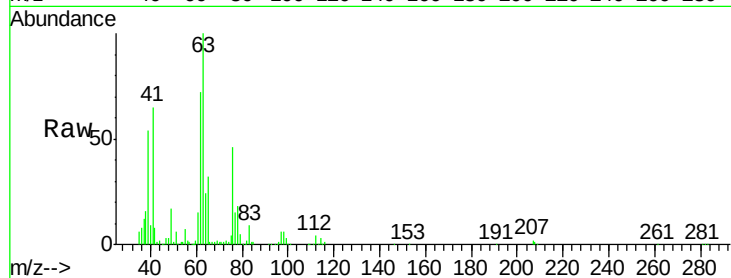
65 31.6 25.2 37.8

Manual Integrations

APPROVED

MMDadoda

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#46

Dibromomethane

Concen: 19.049 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW008546.D

Acq: 07 Feb 2019 12:22

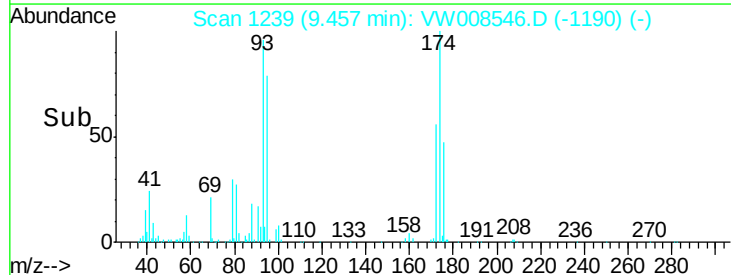
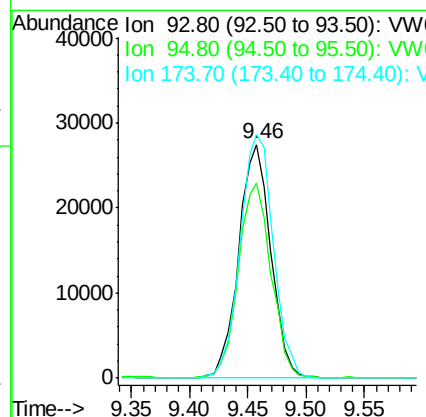
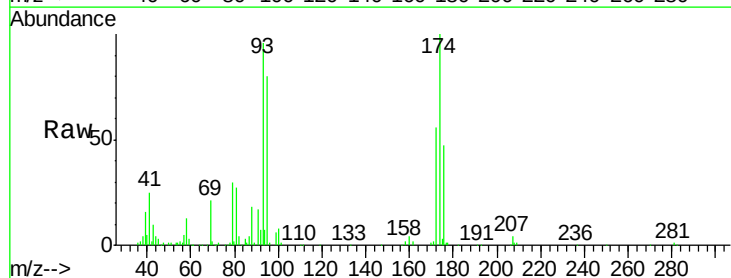
Tgt Ion: 93 Resp: 52845

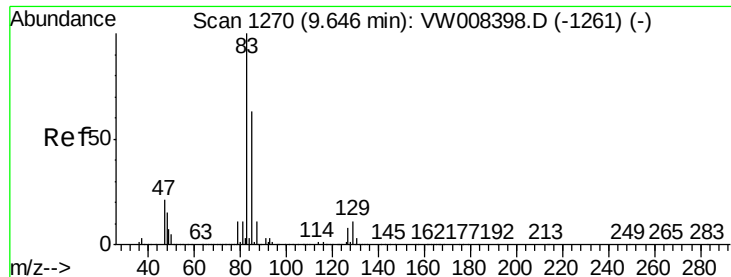
Ion Ratio Lower Upper

93 100

95 85.2 65.9 98.9

174 108.3 81.0 121.6





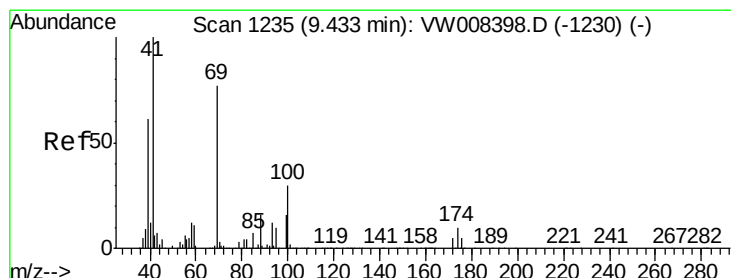
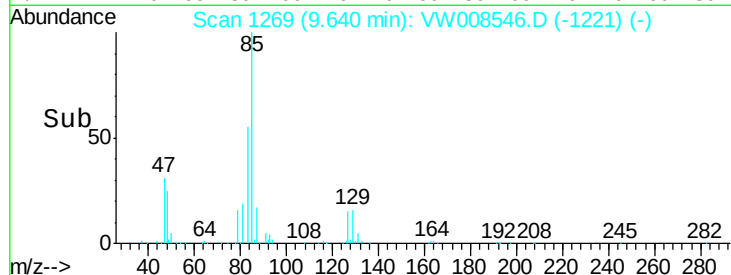
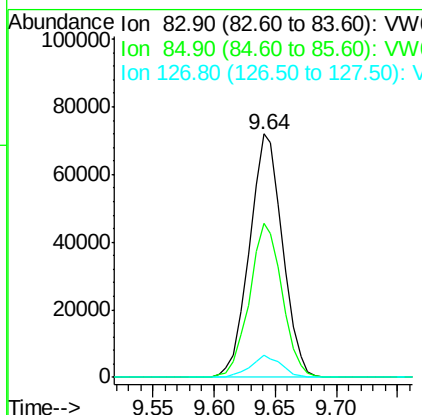
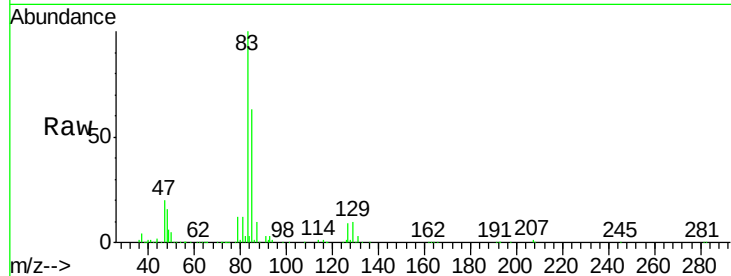
#47
Bromodichloromethane
Concen: 18.473 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.01 min
Lab File: VW008546.D
Acq: 07 Feb 2019 12:22

Instrument :
MSVOA_W
ClientSampleId :
VW0207SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
83	83	100	135555		
85	85	63.4	50.8	76.2	
127	127	9.3	6.8	10.2	

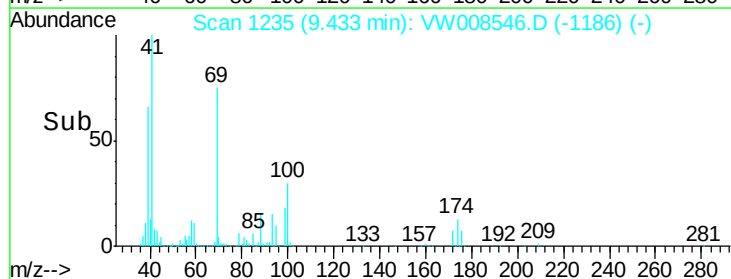
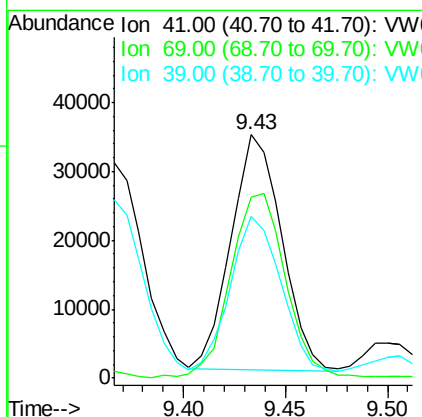
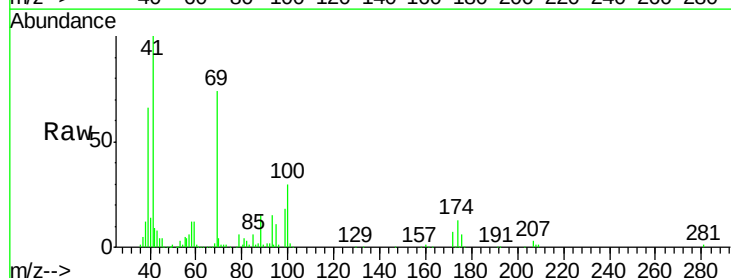
Manual Integrations
APPROVED

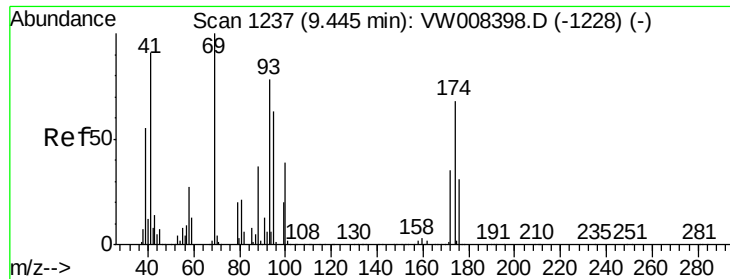
MMDadoda
2/11/2019 12:38:32 PM



#48
Methyl methacrylate
Concen: 16.934 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VW008546.D
Acq: 07 Feb 2019 12:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
41	41	100	59332		
69	69	83.8	64.8	97.2	
39	39	70.2	49.1	73.7	





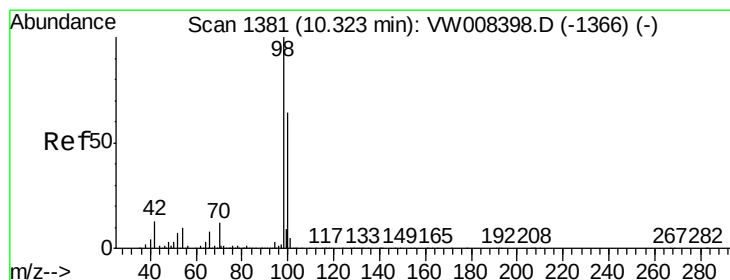
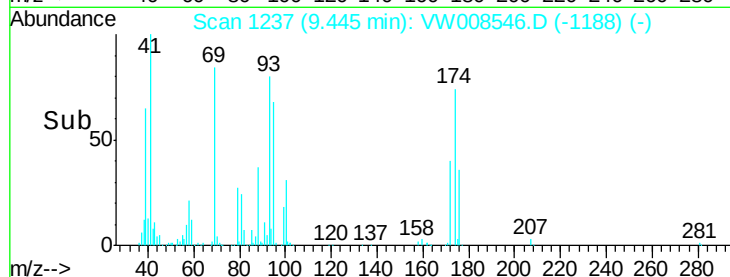
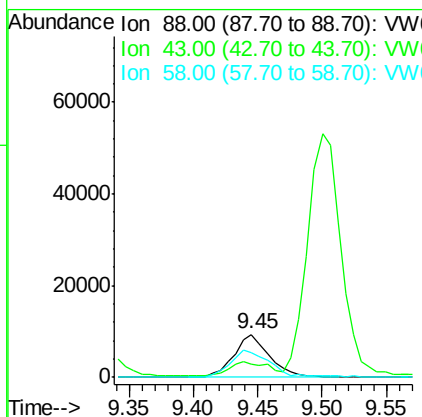
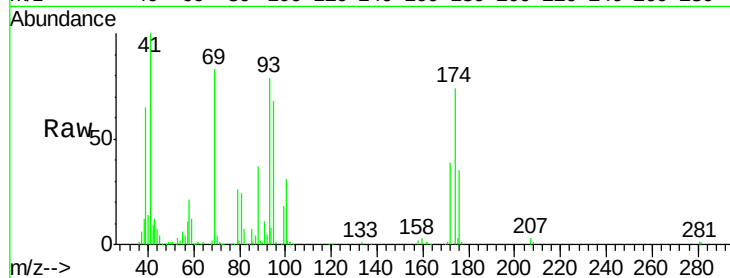
#49
1,4-Dioxane
Concen: 382.617 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VW008546.D
Acq: 07 Feb 2019 12:22

Instrument :
MSVOA_W
ClientSampled :
VW0207SBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.6	29.0	43.4
58	69.3	56.4	84.6

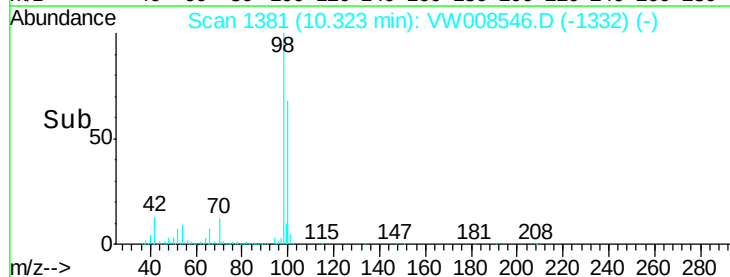
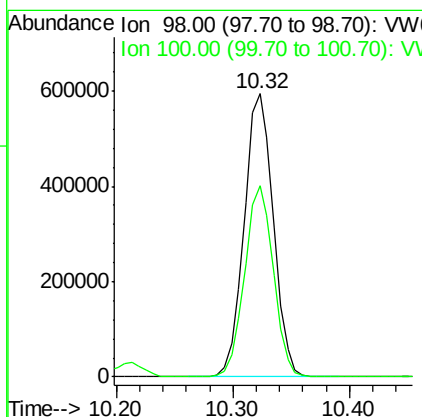
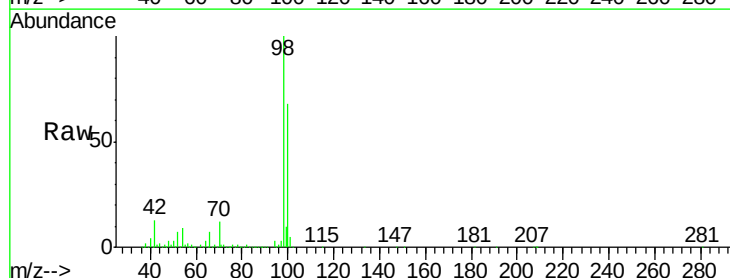
Manual Integrations
APPROVED

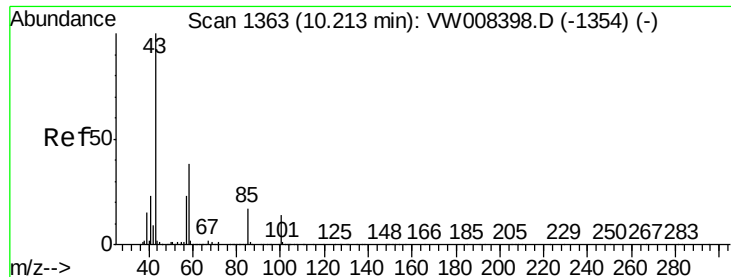
MMDadoda
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#50
Toluene-d8
Concen: 53.609 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008546.D
Acq: 07 Feb 2019 12:22

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.6	52.6	78.8





#51

4-Methyl-2-Pentanone

Concen: 94.063 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.01 min

Lab File: VW008546.D

Acq: 07 Feb 2019 12:22

Instrument :

MSVOA_W

ClientSampleId :

VW0207SBS01

Tot Ion: 43 Resp: 332985

Ion Ratio Lower Upper

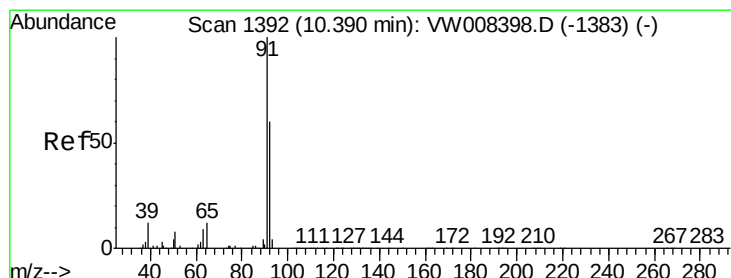
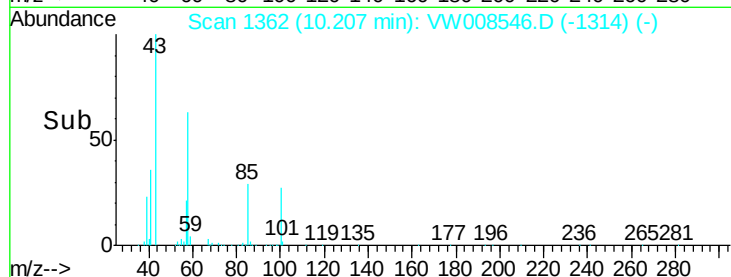
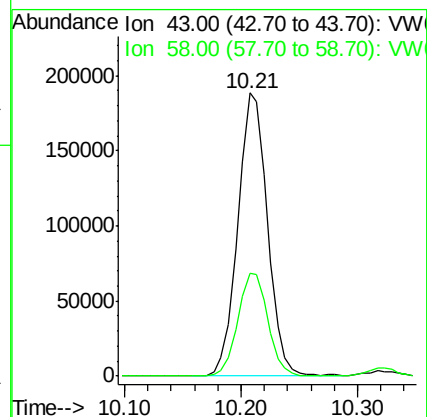
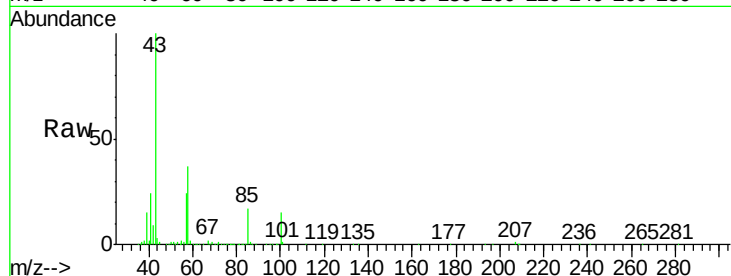
43 100

58 37.0 29.7 44.5

Manual Integrations
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#52

Toluene

Concen: 18.095 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW008546.D

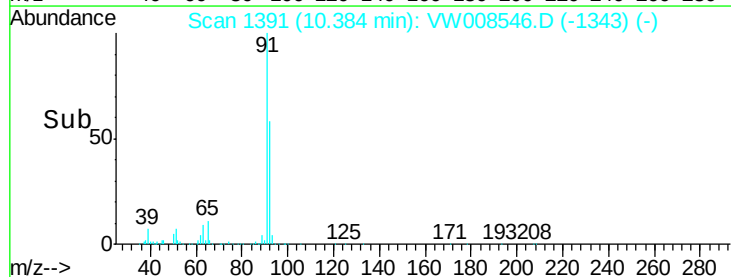
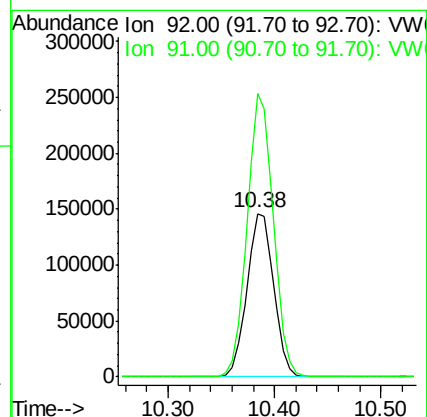
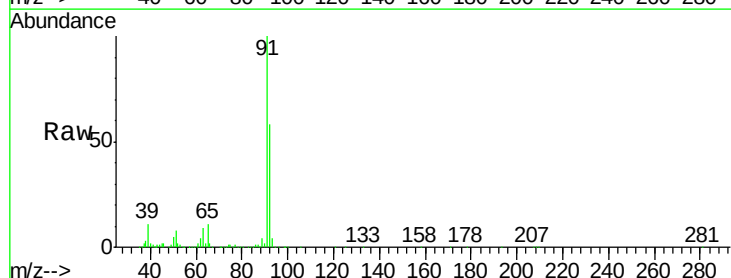
Acq: 07 Feb 2019 12:22

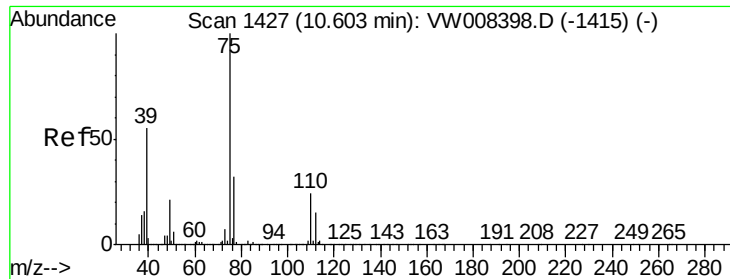
Tgt Ion: 92 Resp: 258390

Ion Ratio Lower Upper

92 100

91 169.4 135.5 203.3





#53

t-1,3-Dichloropropene

Concen: 17.334 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW008546.D

Acq: 07 Feb 2019 12:22

Instrument :

MSVOA_W

ClientSampleId :

VW0207SBSD01

Tot Ion: 75 Resp: 135348

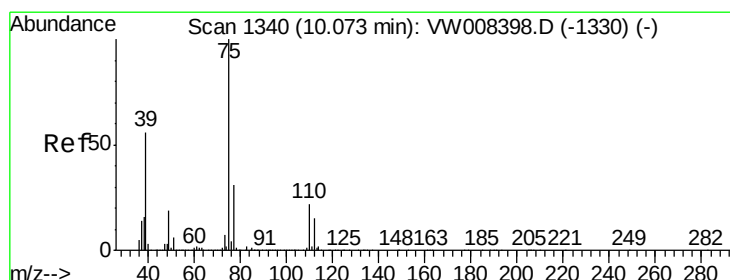
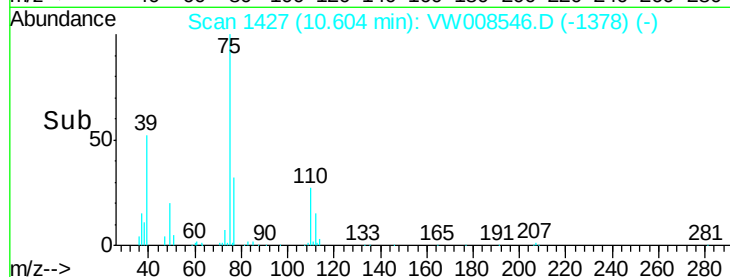
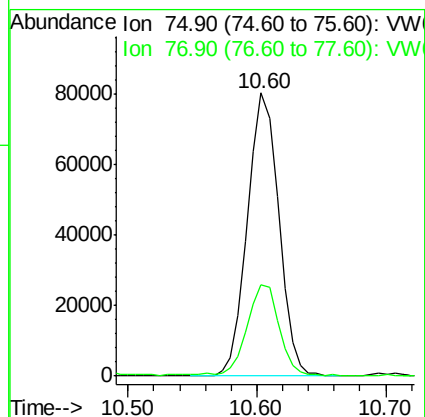
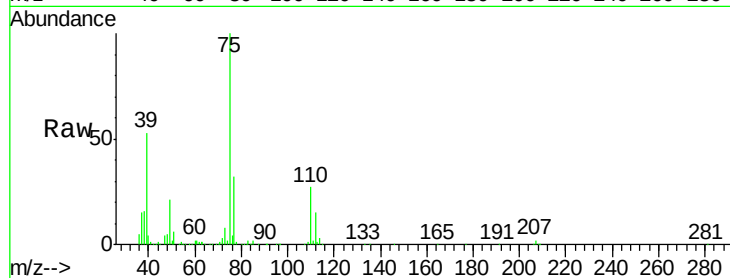
Ion Ratio Lower Upper

75 100

77 32.1 25.3 37.9

Manual Integrations
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#54

cis-1,3-Dichloropropene

Concen: 17.852 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW008546.D

Acq: 07 Feb 2019 12:22

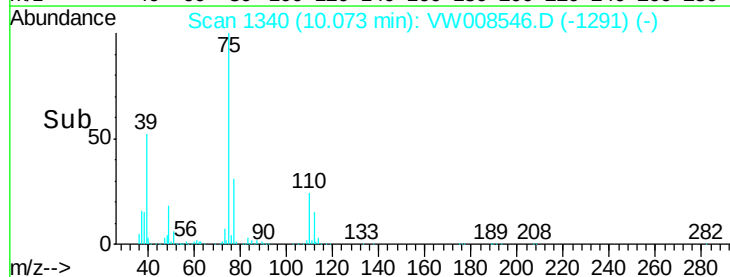
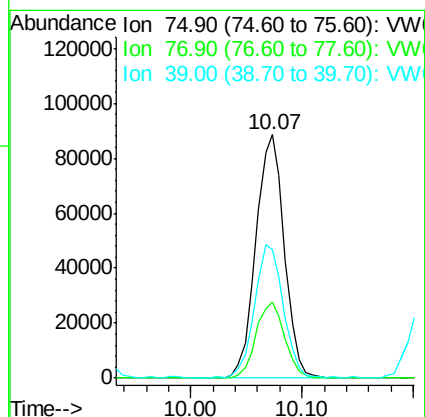
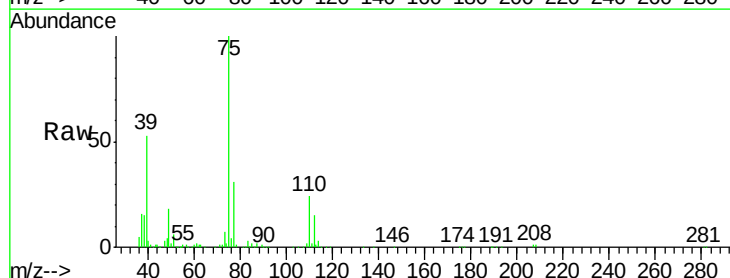
Tgt Ion: 75 Resp: 158186

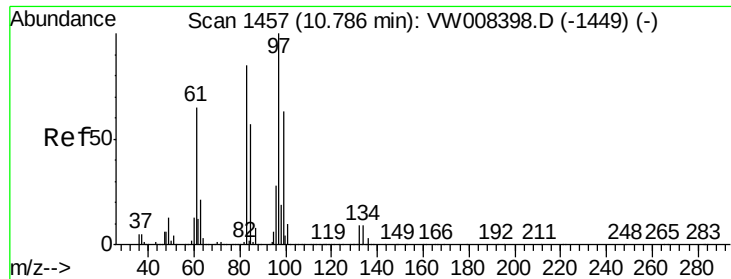
Ion Ratio Lower Upper

75 100

77 31.1 25.0 37.4

39 52.5 44.9 67.3





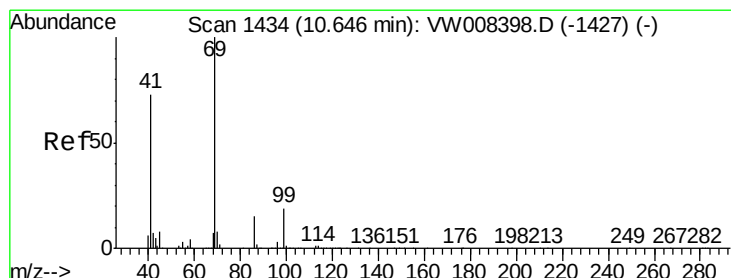
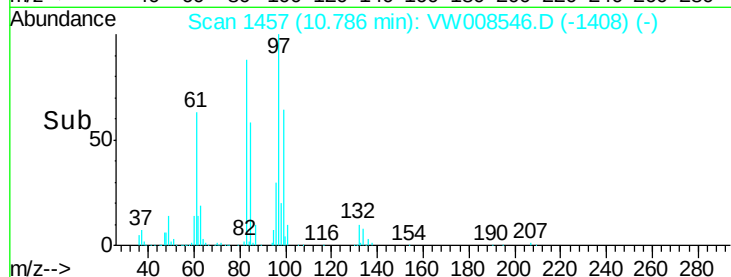
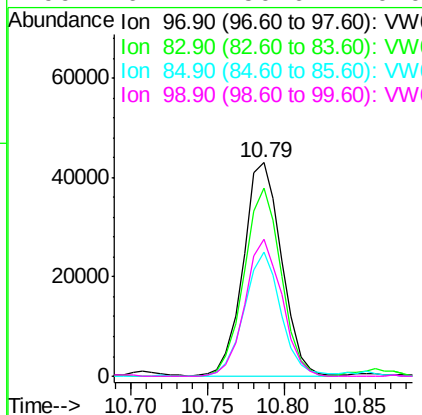
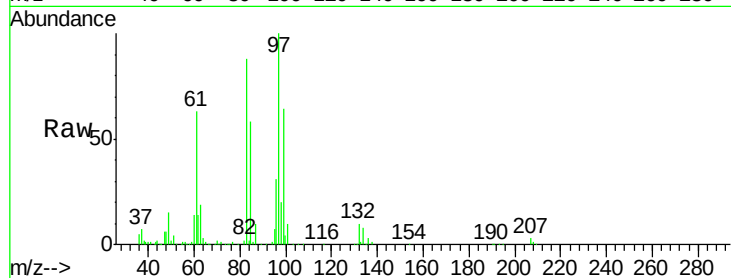
#55
 1,1,2-Trichloroethane
 Concen: 19.525 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW008546.D
 Acq: 07 Feb 2019 12:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0207SBS01

Tot Ion:	97	Resp:	75134
Ion	Ratio	Lower	Upper
97	100		
83	88.0	68.4	102.6
85	57.9	45.3	67.9
99	64.1	50.6	76.0

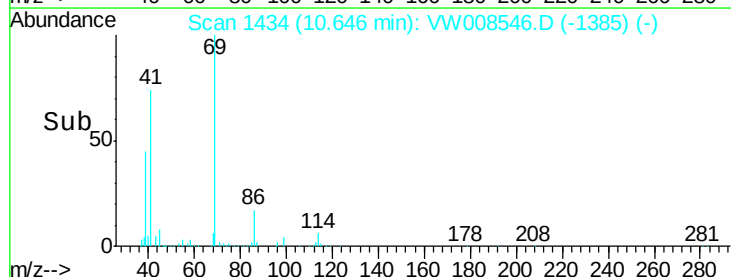
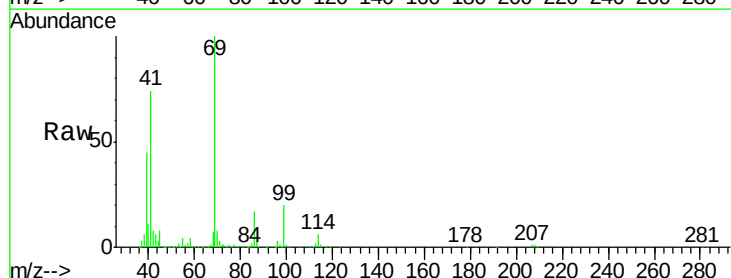
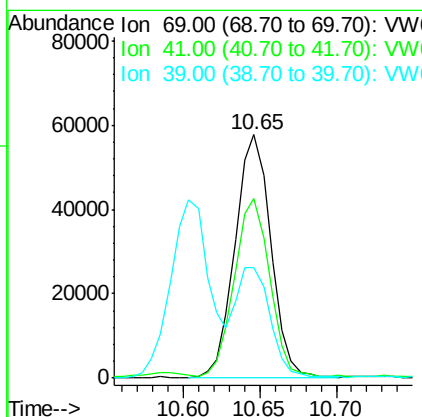
Manual Integrations
 APPROVED

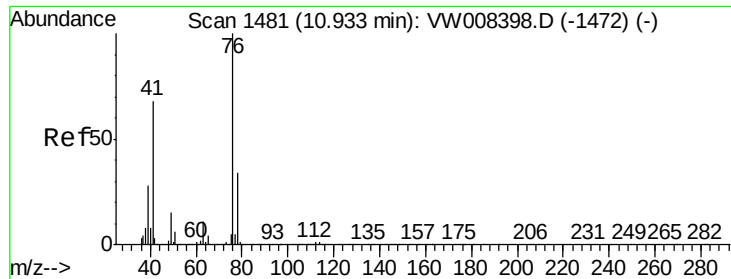
MMDadoda
 2/11/2019 12:38:32 PM



#56
 Ethyl methacrylate
 Concen: 17.364 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW008546.D
 Acq: 07 Feb 2019 12:22

Tgt Ion:	69	Resp:	93623
Ion	Ratio	Lower	Upper
69	100		
41	72.2	58.7	88.1
39	42.9	32.6	48.8





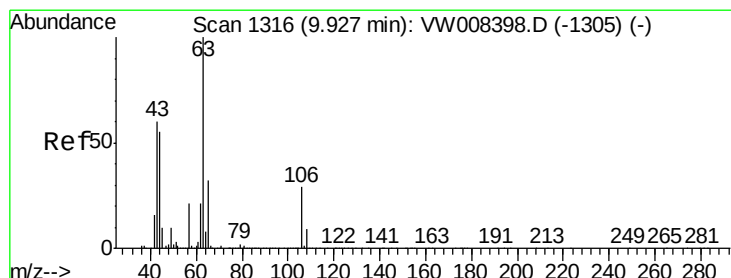
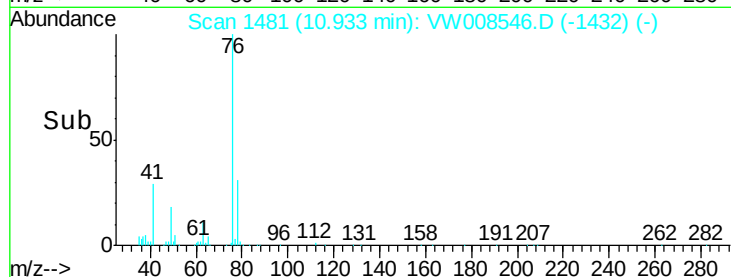
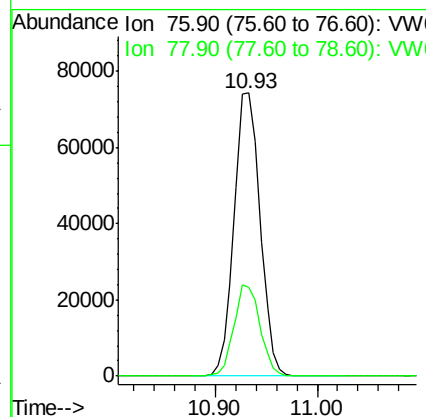
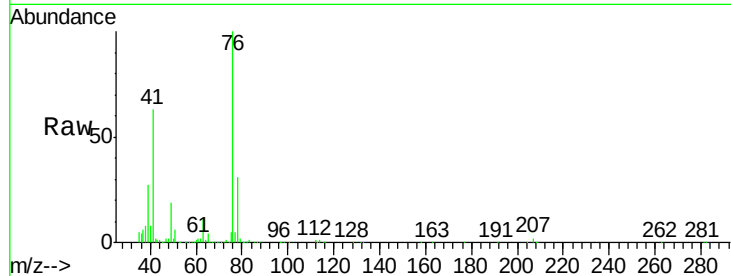
#57
 1,3-Dichloropropane
 Concen: 18.998 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW008546.D
 Acq: 07 Feb 2019 12:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0207SBSD01

Tot Ion: 76 Resp: 130970
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.8 38.8

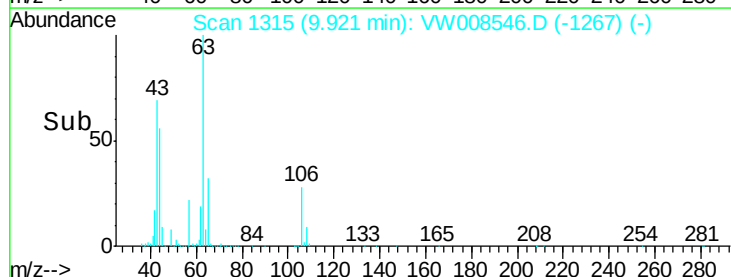
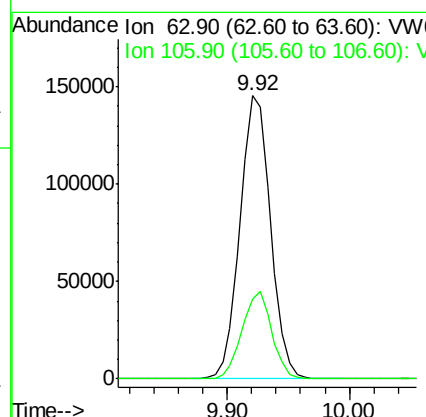
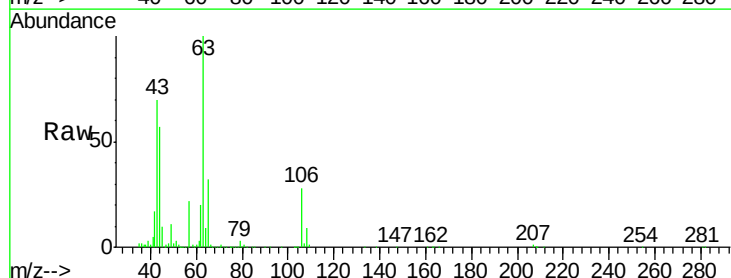
Manual Integrations
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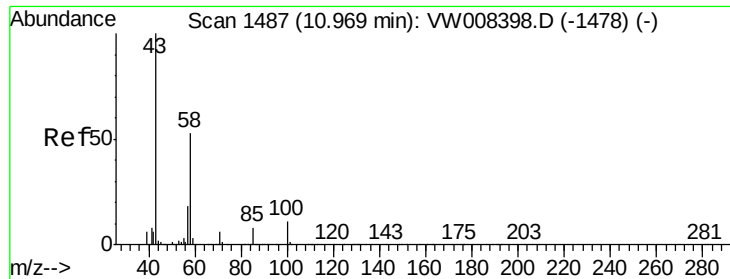
MMDadoda
 2/11/2019 12:38:32 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 95.707 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VW008546.D
 Acq: 07 Feb 2019 12:22

Tgt Ion: 63 Resp: 250730
 Ion Ratio Lower Upper
 63 100
 106 30.1 22.4 33.6





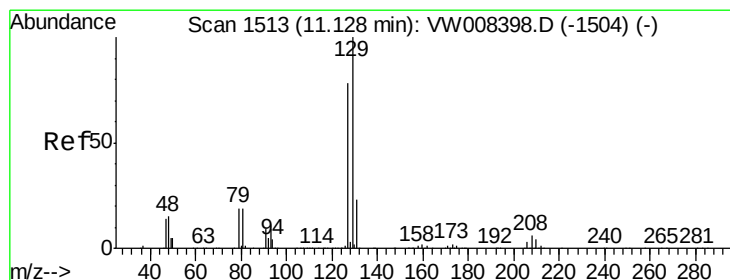
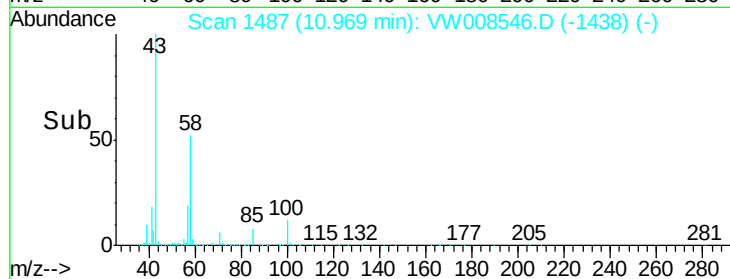
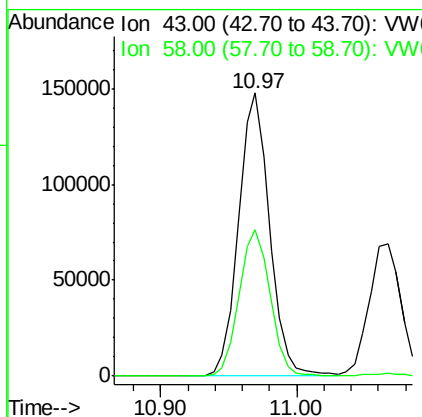
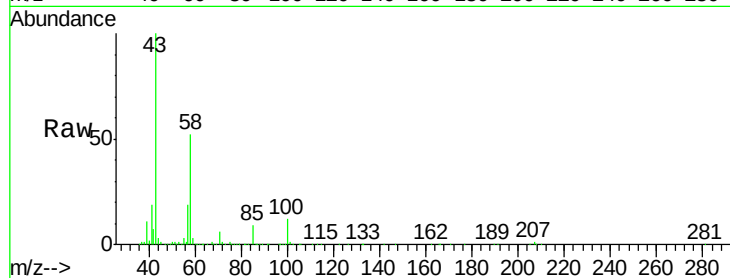
#59
2-Hexanone
Concen: 93.612 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW008546.D
Acq: 07 Feb 2019 12:22

Instrument :
MSVOA_W
ClientSampleId :
VW0207SBSD01

Tot Ion: 43 Resp: 233947
Ion Ratio Lower Upper
43 100
58 52.2 25.9 77.7

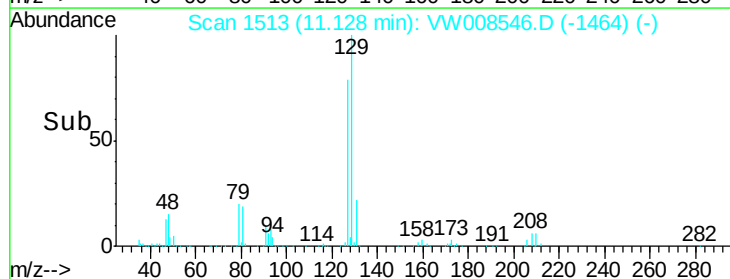
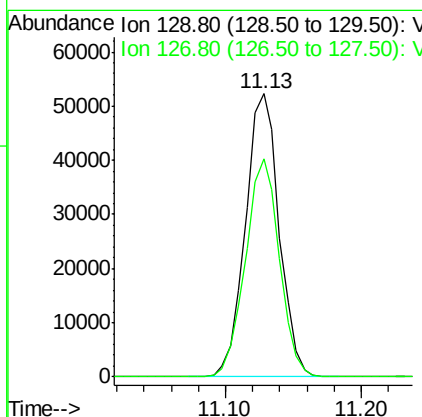
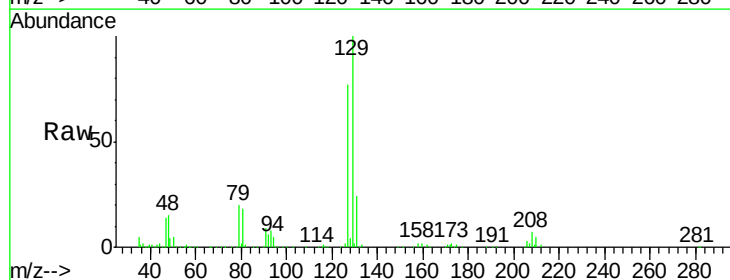
Manual Integrations
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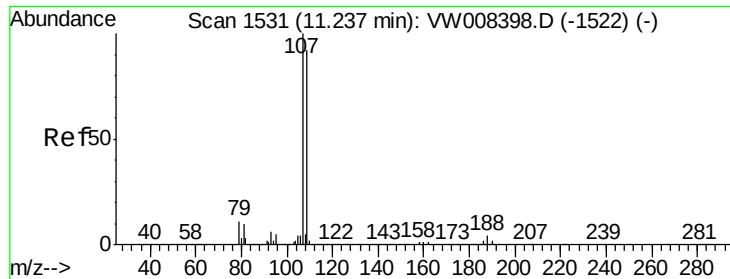
MMDadoda
2/11/2019 12:38:32 PM



#60
Dibromochloromethane
Concen: 18.364 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW008546.D
Acq: 07 Feb 2019 12:22

Tgt Ion: 129 Resp: 90808
Ion Ratio Lower Upper
129 100
127 77.5 39.1 117.2





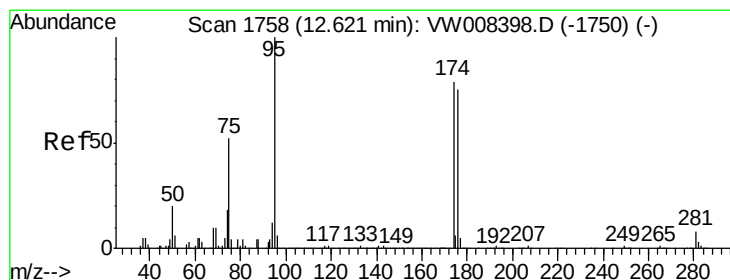
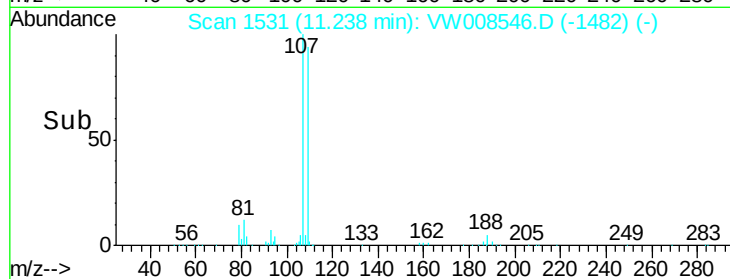
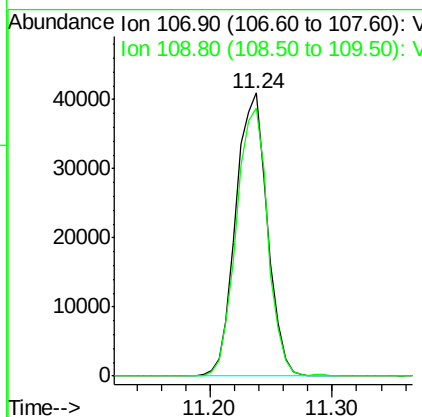
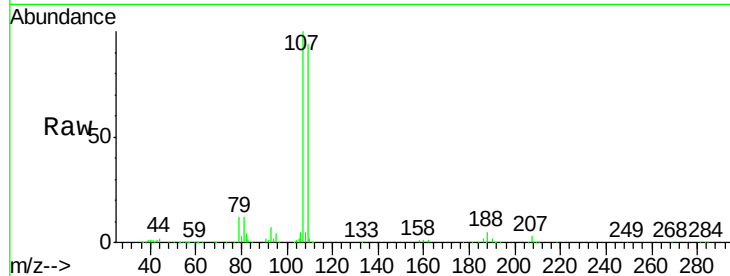
#61
 1,2-Dibromoethane
 Concen: 19.154 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW008546.D
 Acq: 07 Feb 2019 12:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0207SBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.6	75.0	112.4

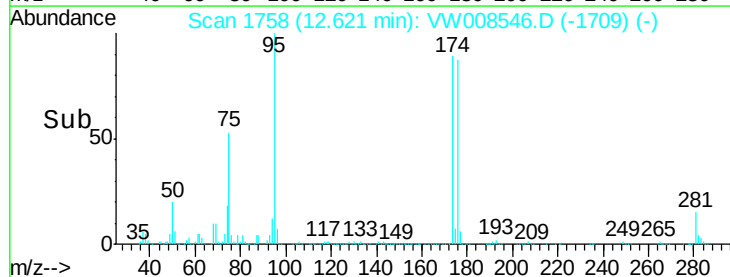
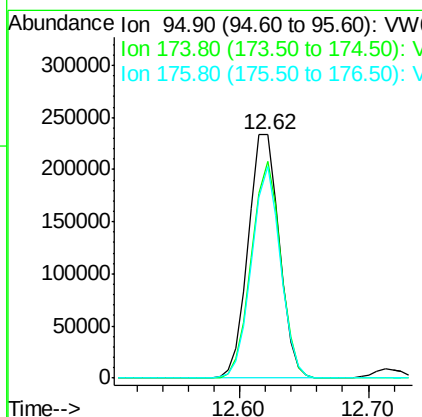
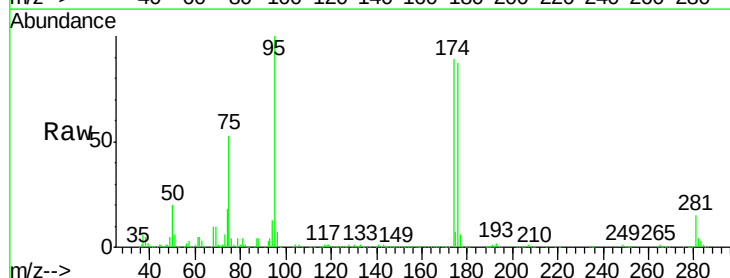
Manual Integrations
 APPROVED

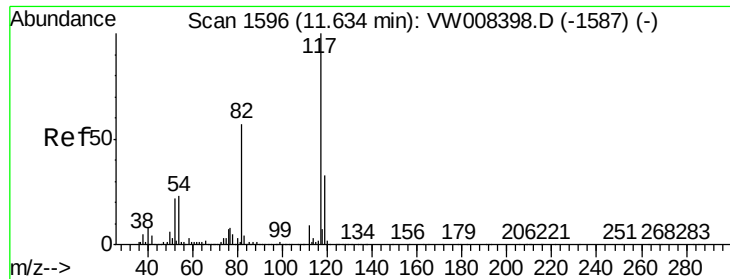
MMDadoda
 2/11/2019 12:38:32 PM



#62
 4-Bromofluorobenzene
 Concen: 52.041 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW008546.D
 Acq: 07 Feb 2019 12:22

Tgt Ion	Ratio	Lower	Upper
95	100		
174	83.8	0.0	157.6
176	80.6	0.0	151.8





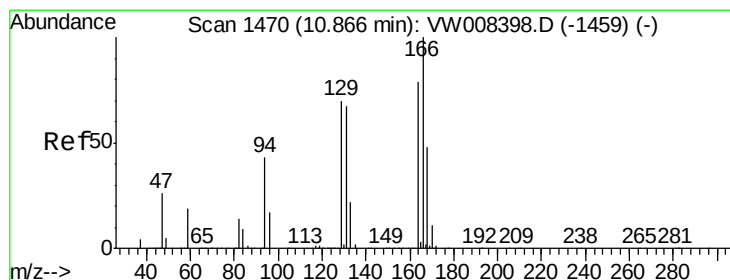
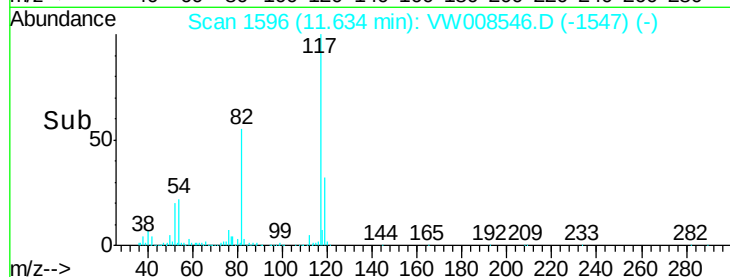
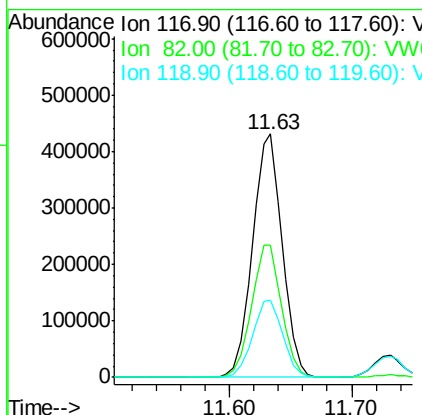
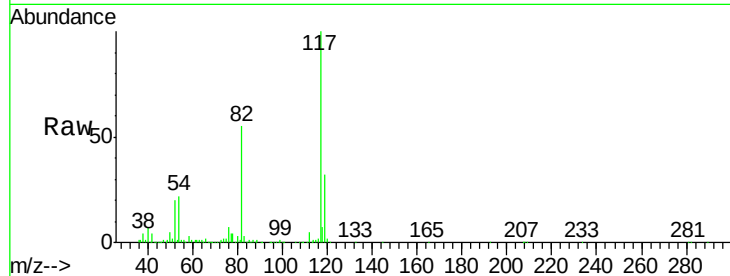
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008546.D
Acq: 07 Feb 2019 12:22

Instrument :
MSVOA_W
ClientSampleId :
VW0207SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.5	45.4	68.0
119	31.8	26.2	39.4

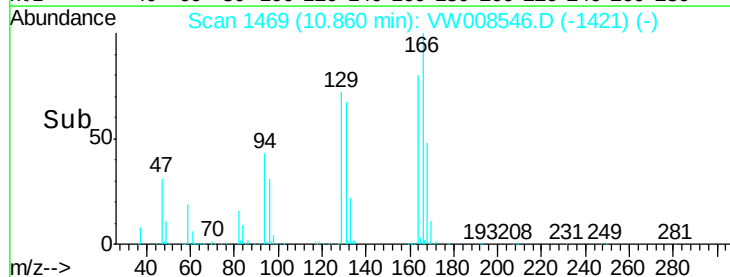
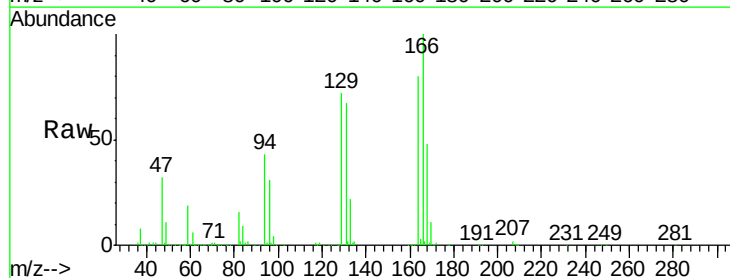
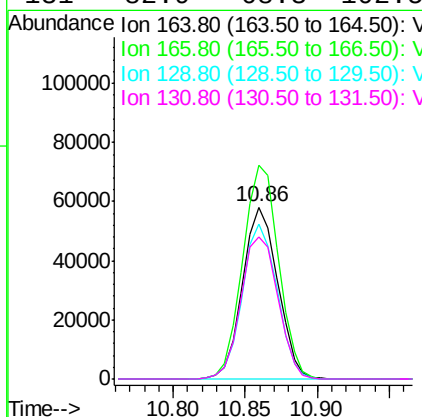
Manual Integrations
APPROVED

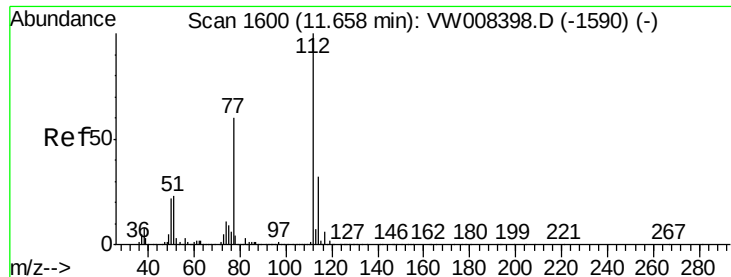
MMDadoda
2/11/2019 12:38:32 PM



#64
Tetrachloroethene
Concen: 19.967 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW008546.D
Acq: 07 Feb 2019 12:22

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.3	101.4	152.0
129	89.9	71.0	106.6
131	82.9	68.3	102.5





#65

Chlorobenzene

Concen: 19.108 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW008546.D

Acq: 07 Feb 2019 12:22

Instrument :

MSVOA_W

ClientSampled :

VW0207SBS01

Tot Ion:112 Resp: 283591

Ion Ratio Lower Upper

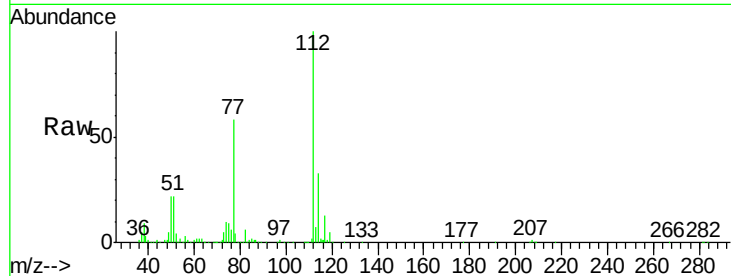
112 100

114 32.9 25.4 38.2

Manual Integrations
APPROVED

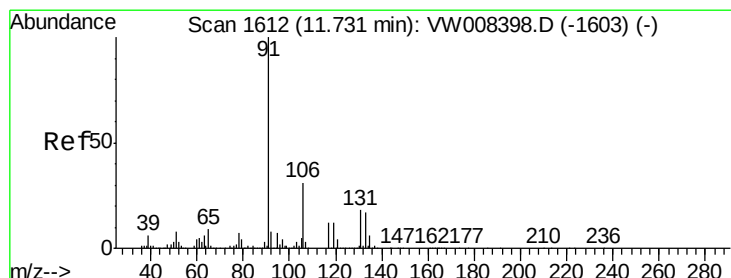
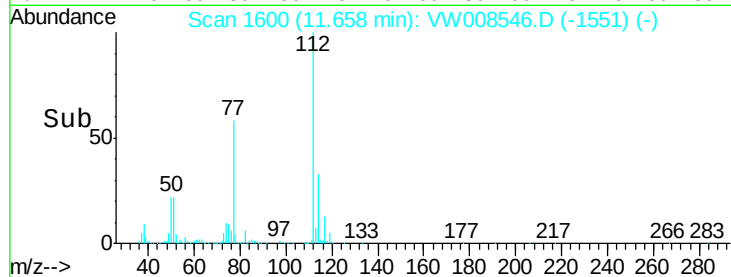
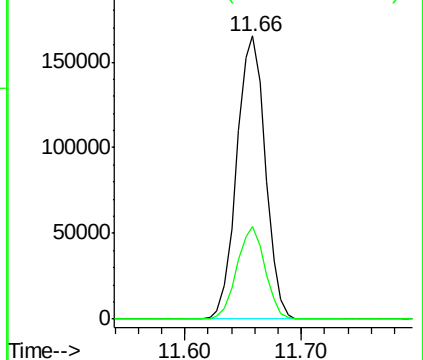
MMDadoda

2/11/2019 12:38:32 PM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 18.981 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW008546.D

Acq: 07 Feb 2019 12:22

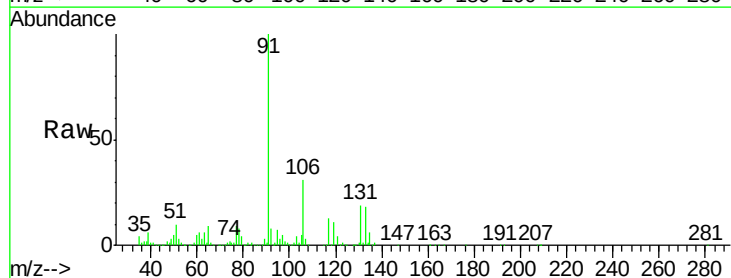
Tgt Ion:131 Resp: 100788

Ion Ratio Lower Upper

131 100

133 96.4 47.0 141.2

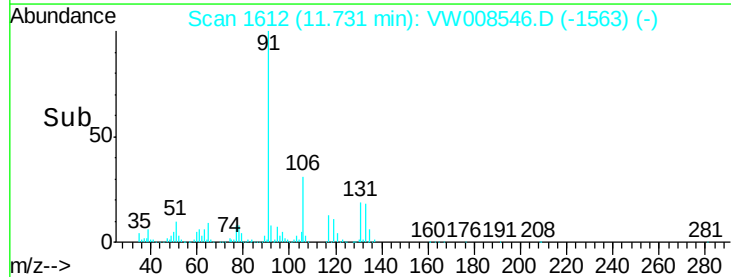
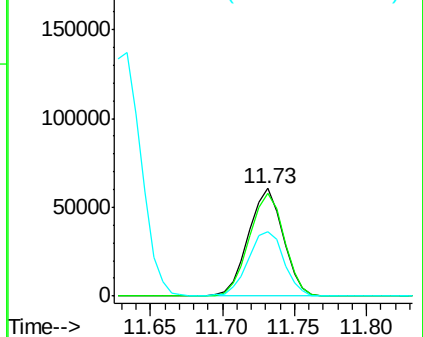
119 62.1 32.1 96.3

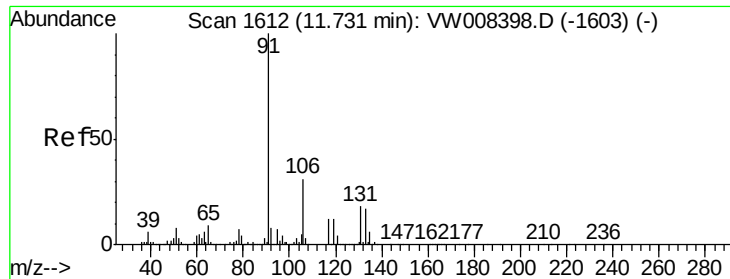


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





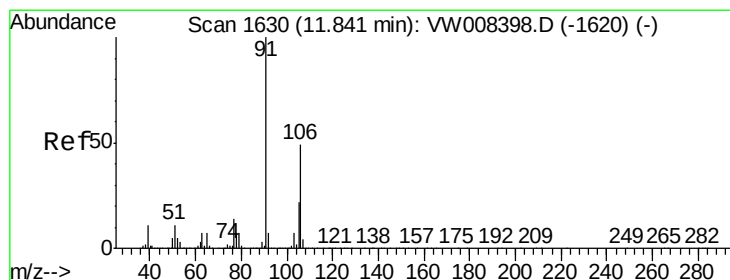
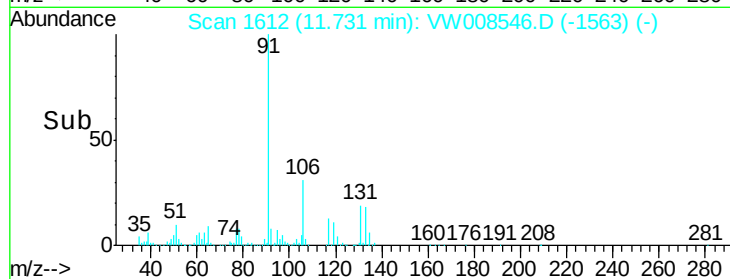
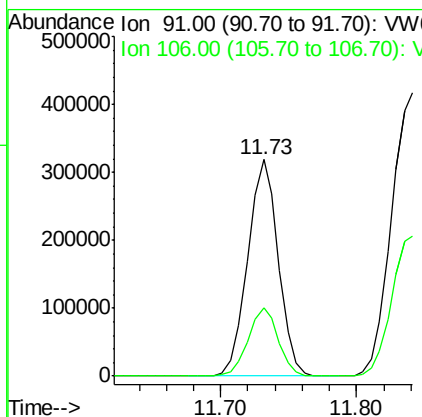
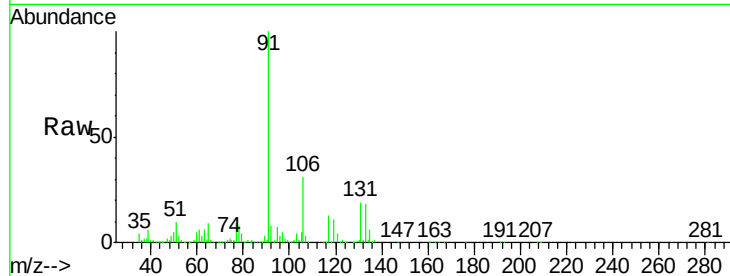
#67
Ethyl Benzene
Concen: 18.418 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008546.D
Acq: 07 Feb 2019 12:22

Instrument :
MSVOA_W
ClientSampleId :
VW0207SBS01

Tot Ion: 91 Resp: 502473
Ion Ratio Lower Upper
91 100
106 31.4 24.7 37.1

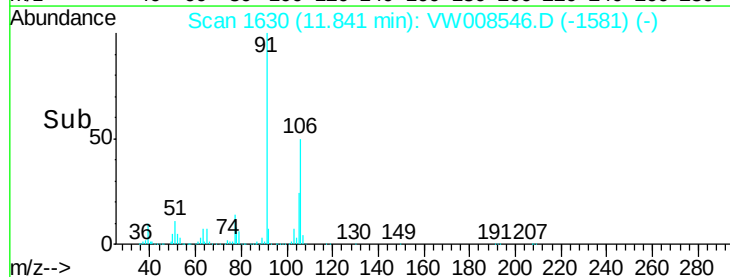
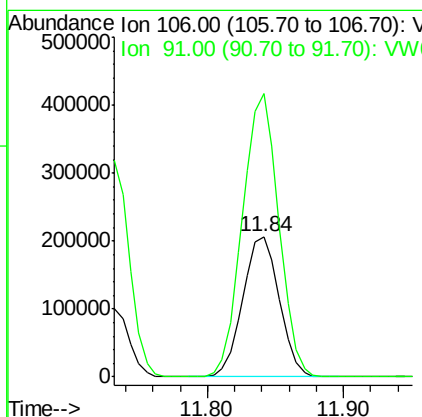
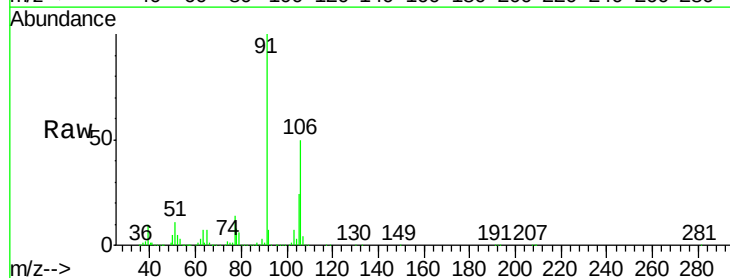
Manual Integrations
APPROVED

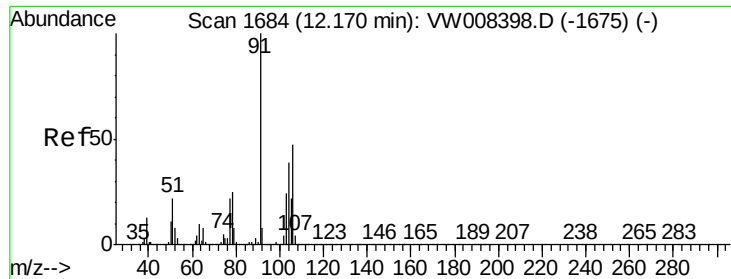
MMDadoda
2/11/2019 12:38:32 PM



#68
m/p-Xylenes
Concen: 36.682 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW008546.D
Acq: 07 Feb 2019 12:22

Tgt Ion: 106 Resp: 388275
Ion Ratio Lower Upper
106 100
91 200.4 162.9 244.3





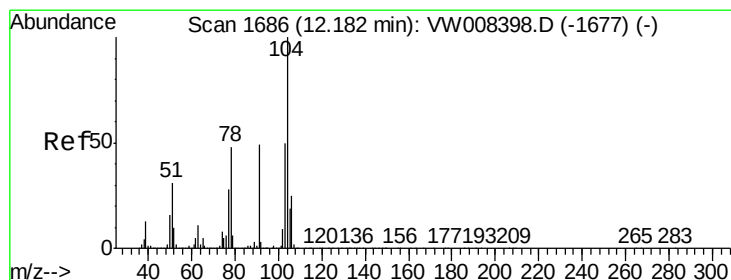
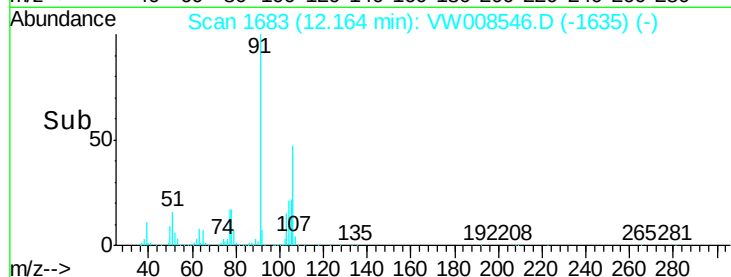
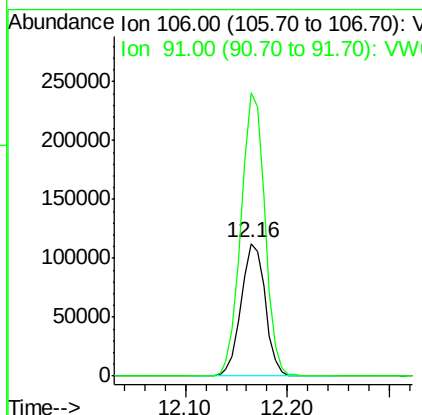
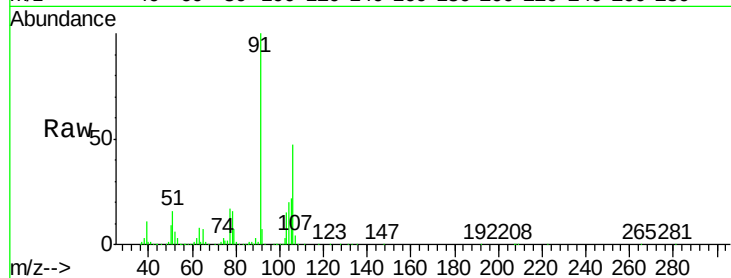
#69
o-Xylene
Concen: 18.311 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW008546.D
Acq: 07 Feb 2019 12:22

Instrument :
MSVOA_W
ClientSampleID :
VW0207SBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	211.7	107.5	322.4

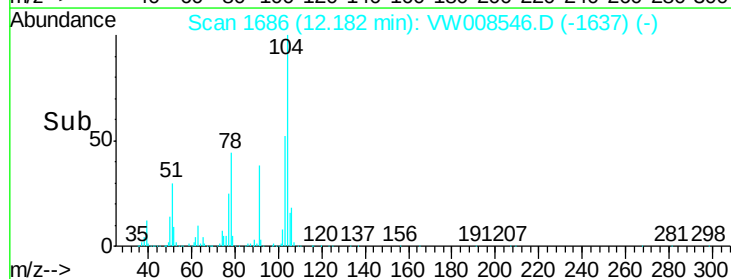
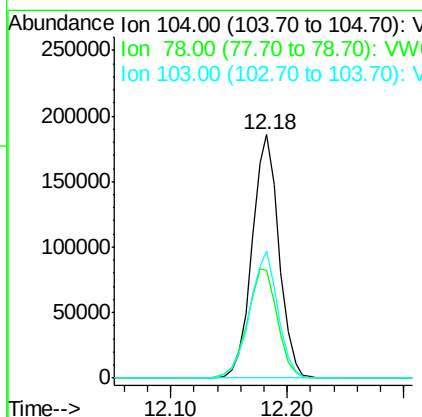
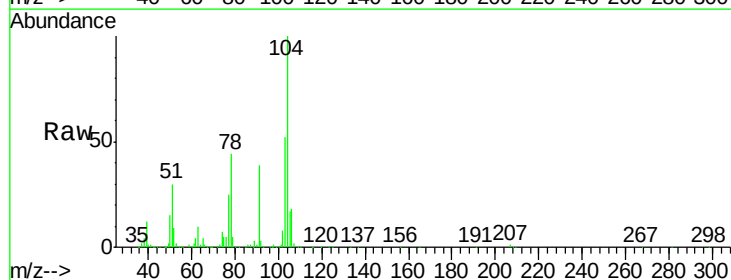
Manual Integrations
APPROVED

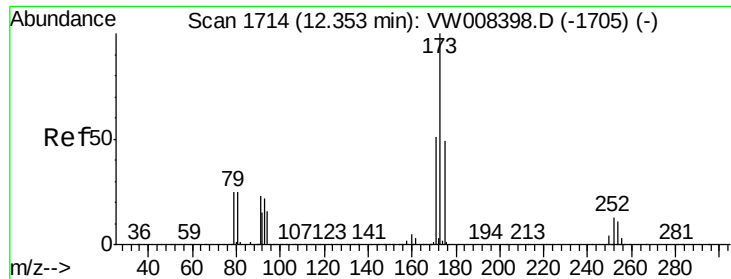
MMDadoda
2/11/2019 12:38:32 PM



#70
Styrene
Concen: 17.859 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW008546.D
Acq: 07 Feb 2019 12:22

Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.6	42.4	63.6
103	55.1	43.4	65.0





#71

Bromoform

Concen: 18.795 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: VW008546.D

Acq: 07 Feb 2019 12:22

Instrument :

MSVOA_W

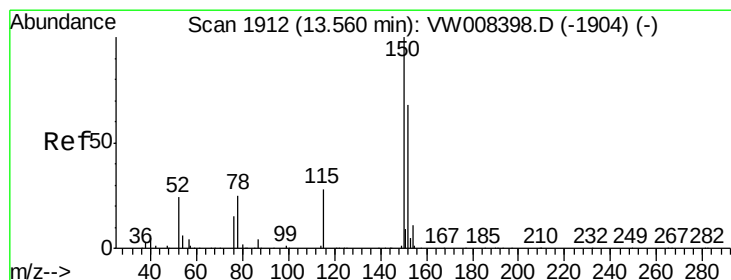
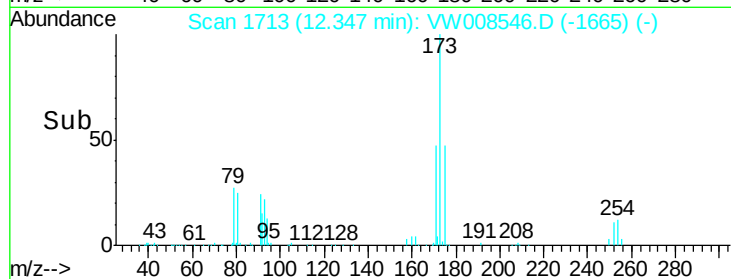
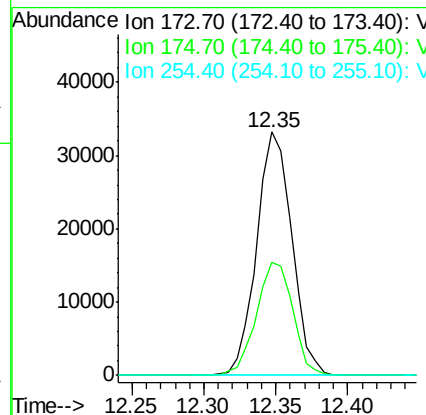
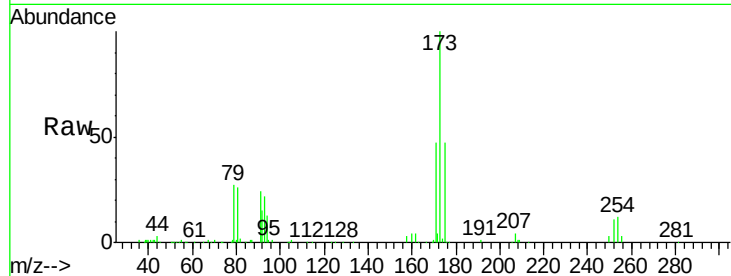
ClientSampleId :

VW0207SBSD01

Tot Ion:	173	Resp:	56153
Ion Ratio	Lower	Upper	
173	100		
175	47.7	24.4	73.4
254	0.0	0.2	0.2#

Manual Integrations
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2/11/2019 12:38:32 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

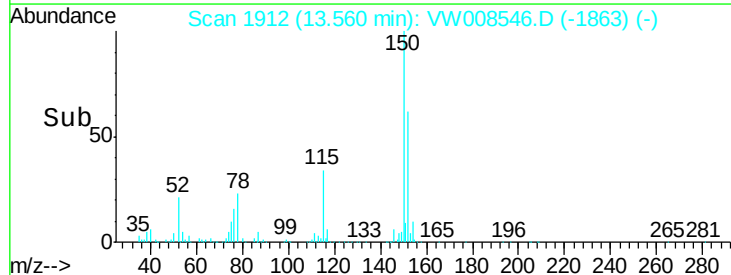
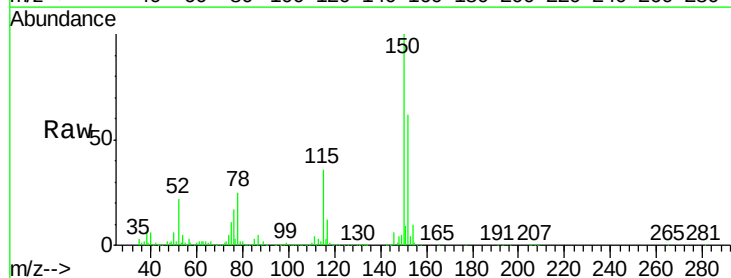
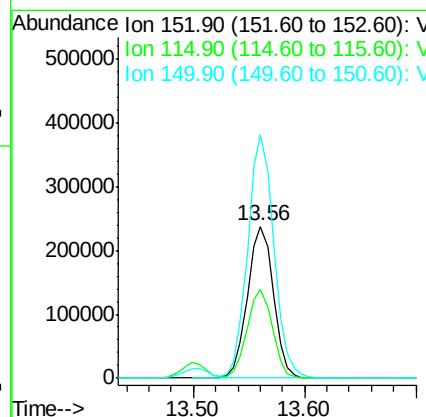
RT: 13.56 min Scan# 1912

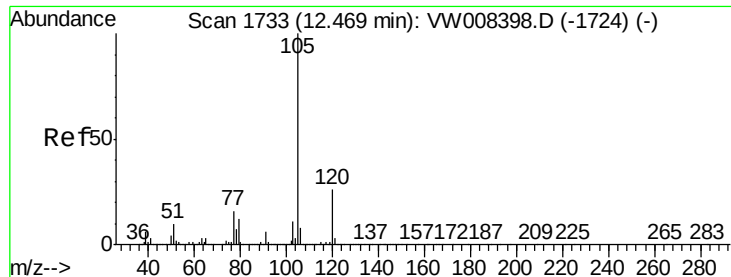
Delta R.T. 0.00 min

Lab File: VW008546.D

Acq: 07 Feb 2019 12:22

Tgt Ion:	152	Resp:	383562
Ion Ratio	Lower	Upper	
152	100		
115	57.2	29.9	89.7
150	162.1	0.0	351.4





#73

Isopropylbenzene

Concen: 18.065 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW008546.D

Acq: 07 Feb 2019 12:22

Instrument :

MSVOA_W

ClientSampleId :

VW0207SBSD01

Tot Ion:105 Resp: 516570

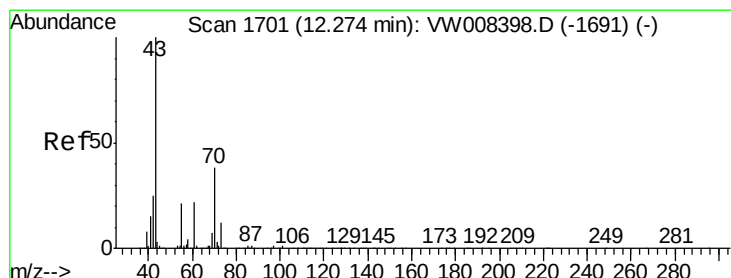
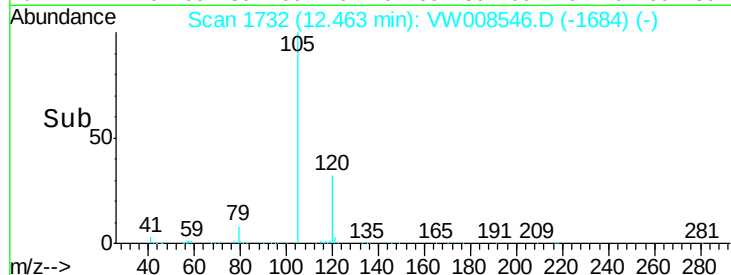
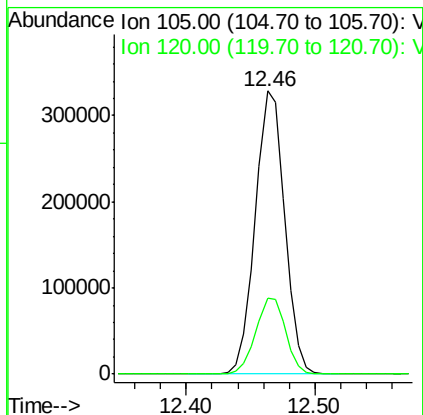
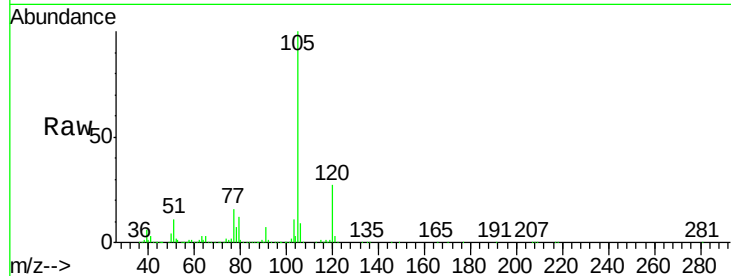
Ion Ratio Lower Upper

105 100

120 27.4 13.3 39.8

Manual Integrations
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#74

N-ethyl acetate

Concen: 17.256 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW008546.D

Acq: 07 Feb 2019 12:22

Tgt Ion: 43 Resp: 127120

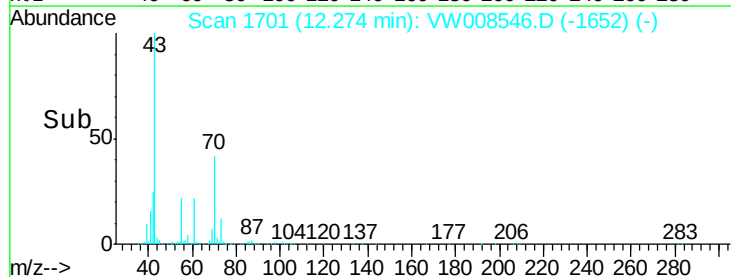
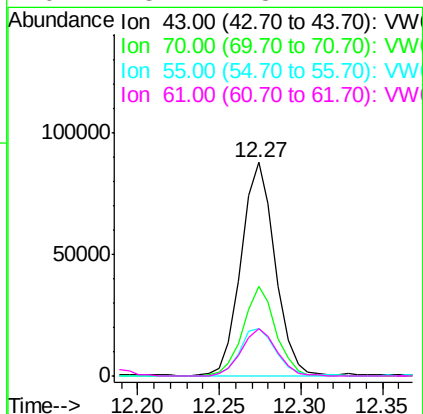
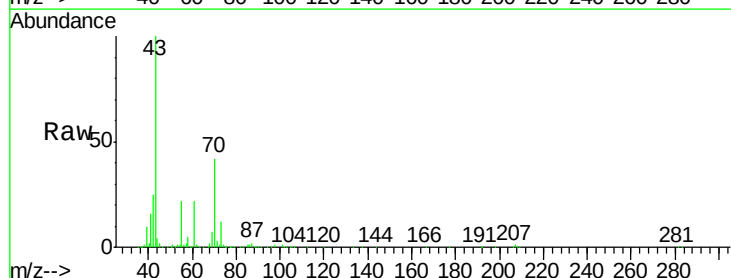
Ion Ratio Lower Upper

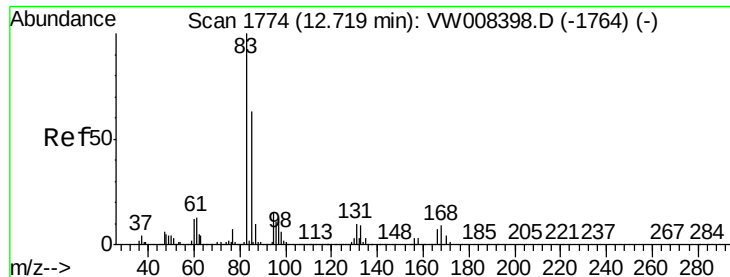
43 100

70 41.2 31.0 46.6

55 24.2 17.4 26.2

61 23.4 18.2 27.4





#75

1,1,2,2-Tetrachloroethane

Concen: 19.260 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW008546.D

Acq: 07 Feb 2019 12:22

Instrument :

MSVOA_W

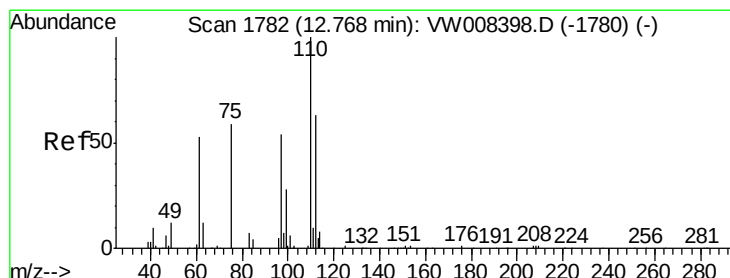
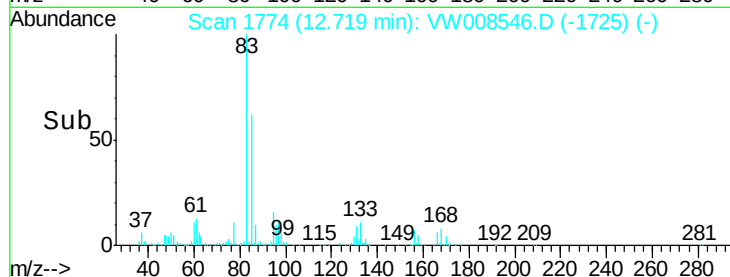
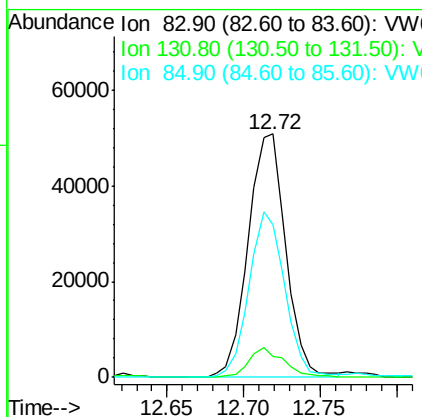
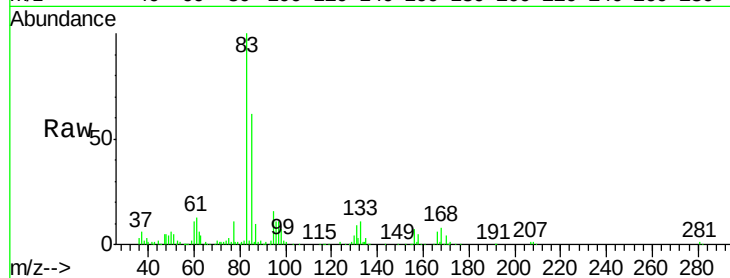
ClientSampleId :

VW0207SBS01

Tot Ion:	83	Resp:	87193
Ion Ratio	Lower	Upper	
83	100		
131	11.7	5.5	16.4
85	64.7	31.9	95.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 21.983 ug/l m

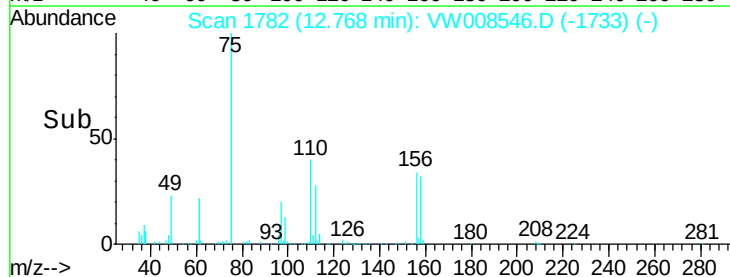
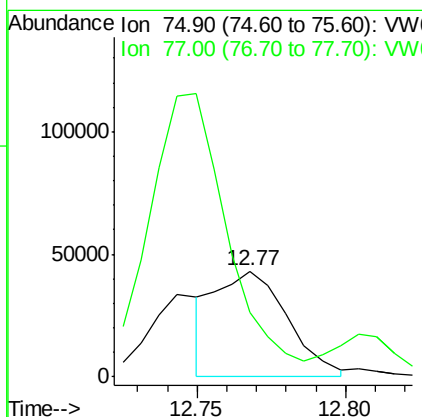
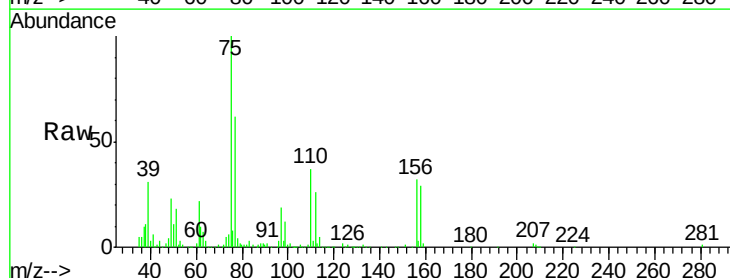
RT: 12.77 min Scan# 1782

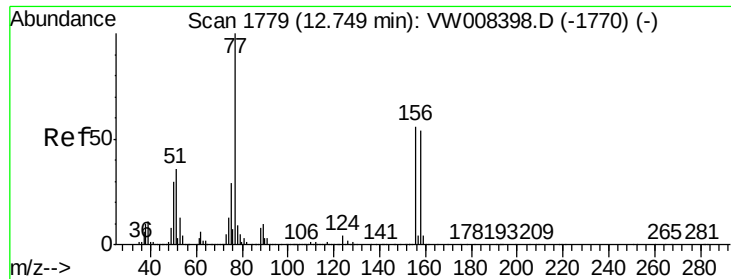
Delta R.T. 0.00 min

Lab File: VW008546.D

Acq: 07 Feb 2019 12:22

Tgt Ion:	75	Resp:	73308
Ion Ratio	Lower	Upper	
75	100		
77	291.7	180.7	542.1





#77

Bromobenzene

Concen: 19.091 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW008546.D

Acq: 07 Feb 2019 12:22

Instrument :

MSVOA_W

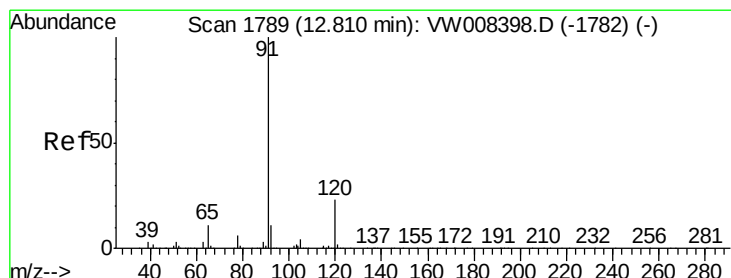
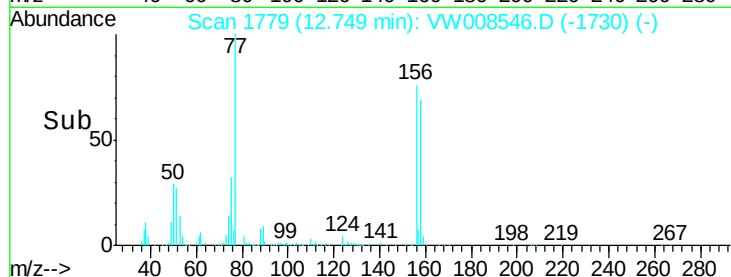
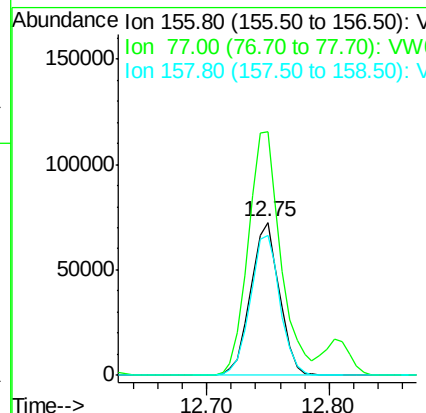
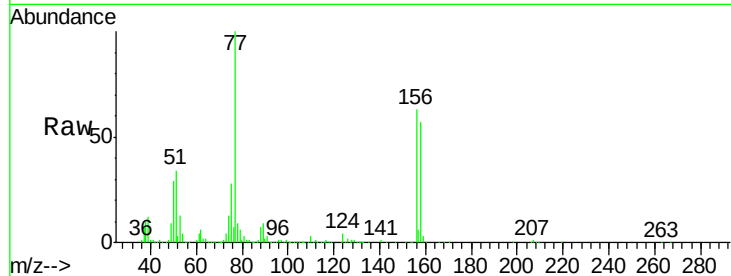
ClientSampleId :

VW0207SBS01

Tot Ion:	156	Resp:	119222
Ion Ratio	Lower	Upper	
156	100		
77	179.4	96.9	290.7
158	93.8	48.8	146.4

Manual Integrations
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#78

n-propylbenzene

Concen: 17.845 ug/l

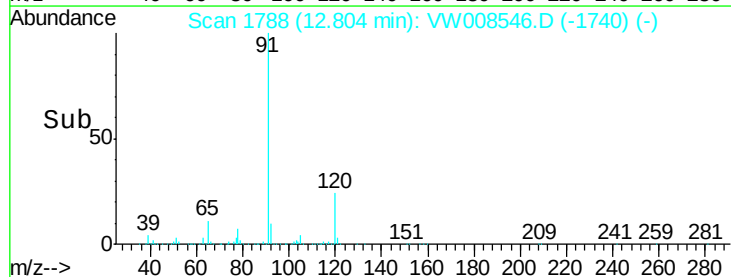
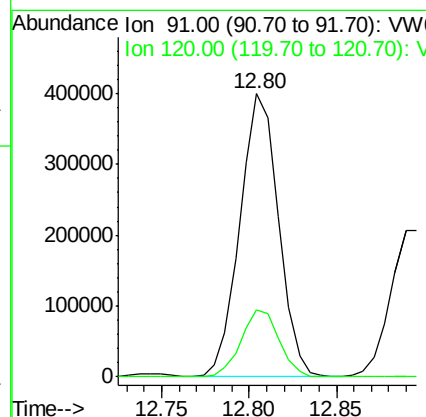
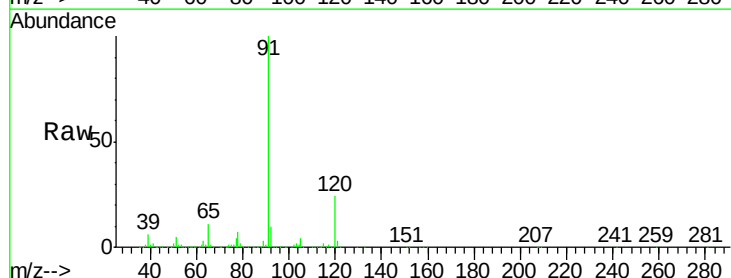
RT: 12.80 min Scan# 1788

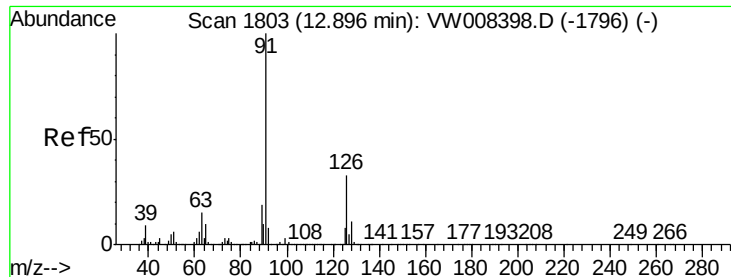
Delta R.T. -0.01 min

Lab File: VW008546.D

Acq: 07 Feb 2019 12:22

Tgt Ion:	91	Resp:	612867
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.4	34.1





#79

2-Chlorotoluene

Concen: 17.689 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.01 min

Lab File: VW008546.D

Acq: 07 Feb 2019 12:22

Instrument :

MSVOA_W

ClientSampleId :

VW0207SBS01

Tot Ion: 91 Resp: 342829

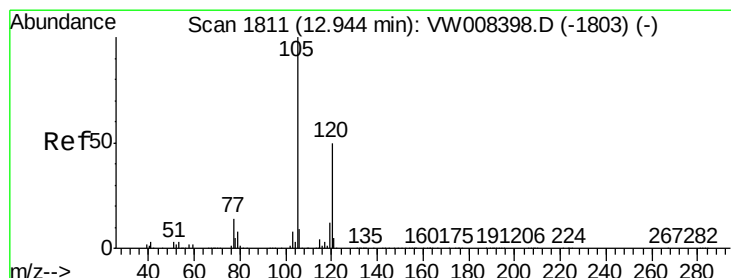
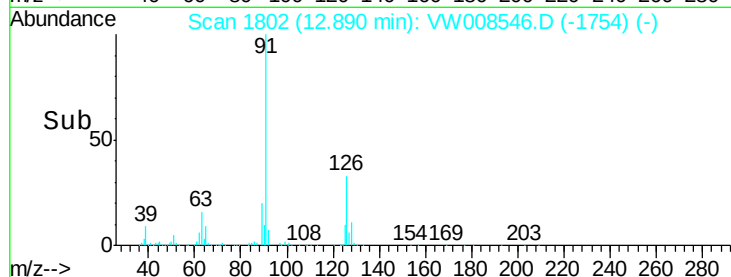
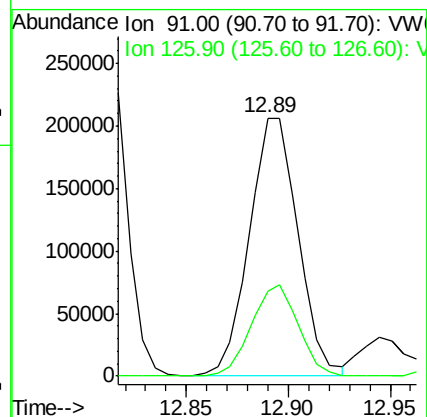
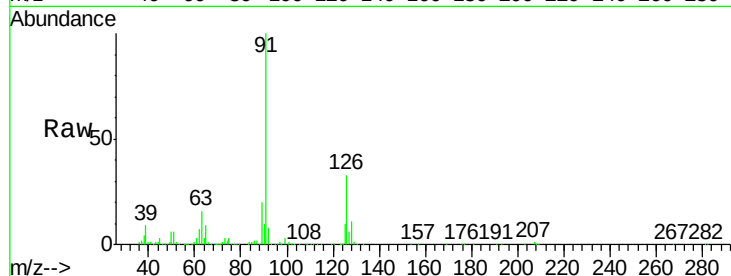
Ion Ratio Lower Upper

91 100

126 34.2 16.5 49.5

Manual Integrations
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#80

1,3,5-Trimethylbenzene

Concen: 17.893 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW008546.D

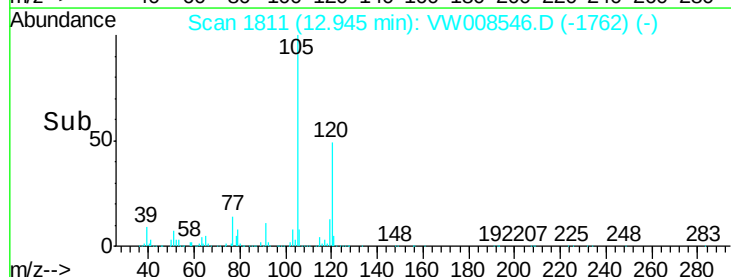
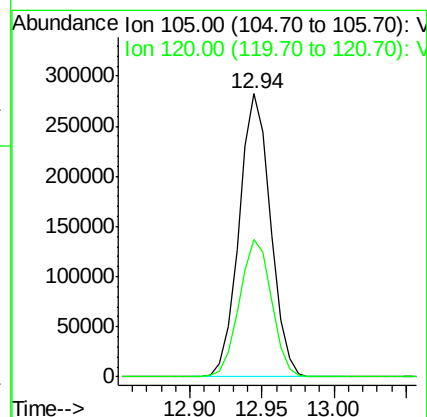
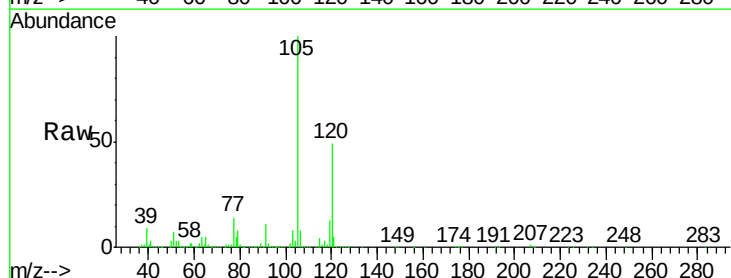
Acq: 07 Feb 2019 12:22

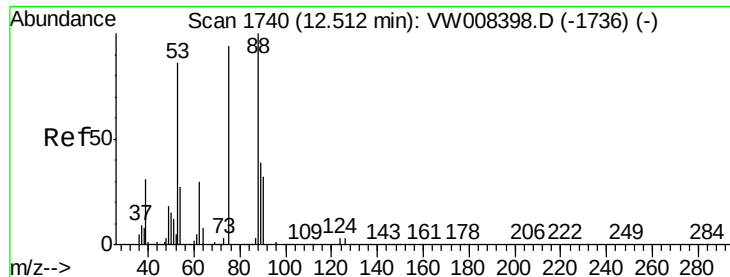
Tgt Ion: 105 Resp: 427662

Ion Ratio Lower Upper

105 100

120 49.9 24.6 73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 16.589 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW008546.D

Acq: 07 Feb 2019 12:22

Instrument :

MSVOA_W

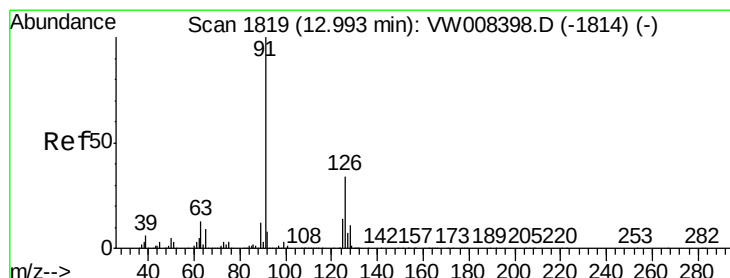
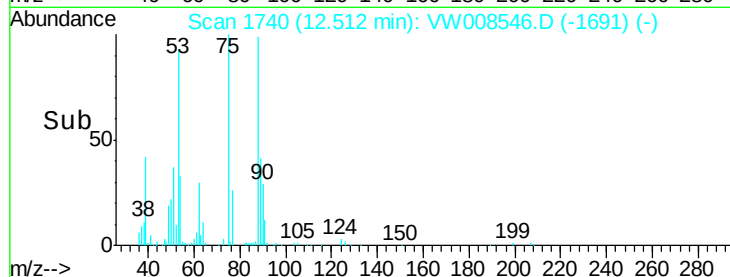
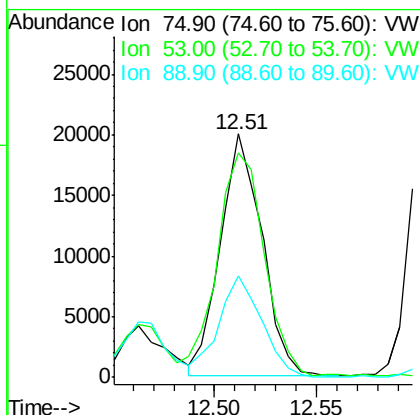
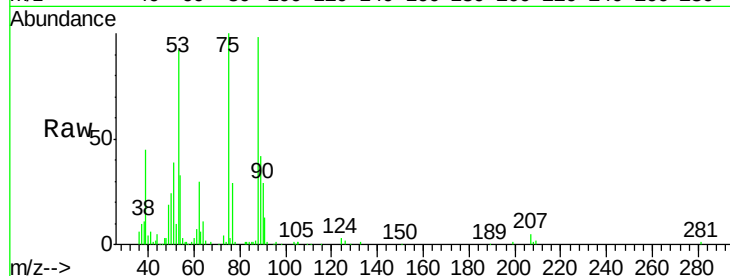
ClientSampleId :

VW0207SBS01

Tot Ion:	75	Resp:	28010
Ion Ratio	Lower	Upper	
75	100		
53	104.9	76.0	114.0
89	43.8	35.4	53.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 17.401 ug/l

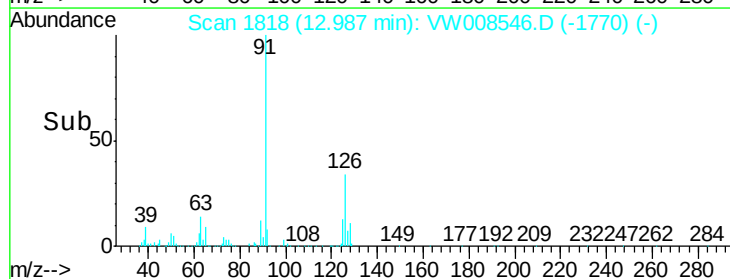
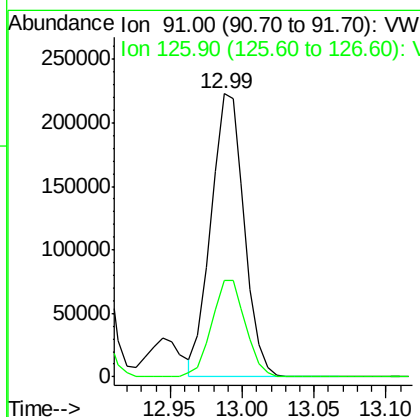
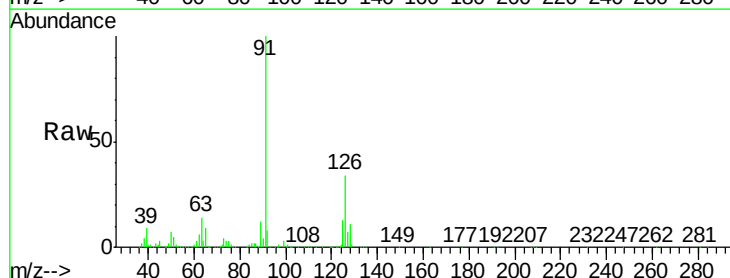
RT: 12.99 min Scan# 1818

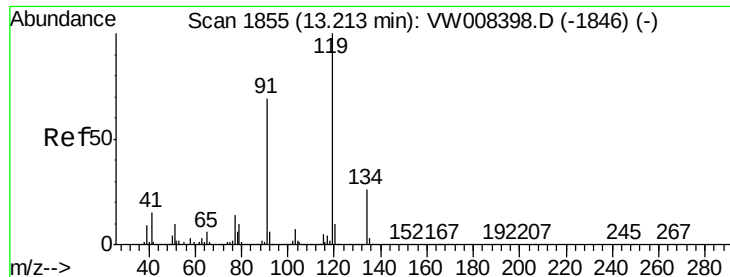
Delta R.T. -0.01 min

Lab File: VW008546.D

Acq: 07 Feb 2019 12:22

Tgt Ion:	91	Resp:	359056
Ion Ratio	Lower	Upper	
91	100		
126	34.9	16.4	49.2





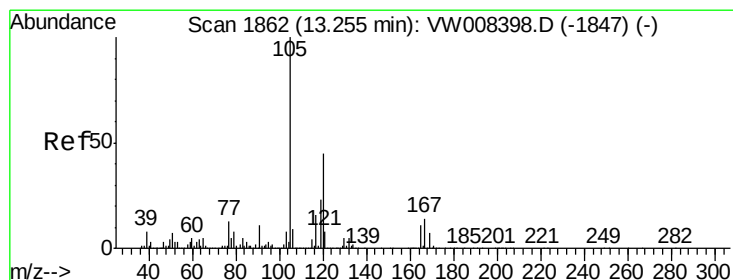
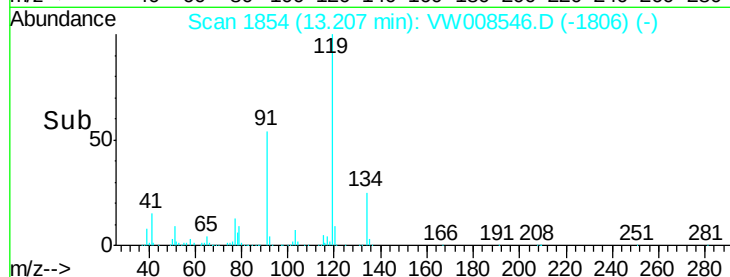
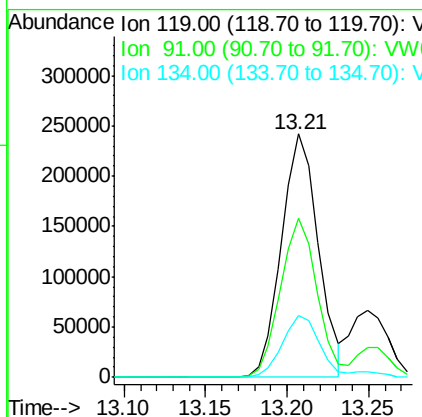
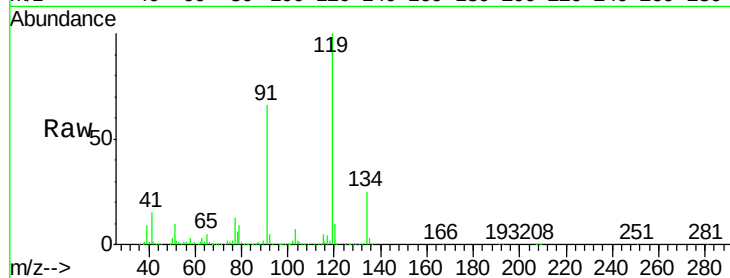
#83
tert-Butylbenzene
Concen: 17.813 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.01 min
Lab File: VW008546.D
Acq: 07 Feb 2019 12:22

Instrument :
MSVOA_W
ClientSampleId :
VW0207SBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.8	33.8	101.4
134	25.7	13.5	40.4

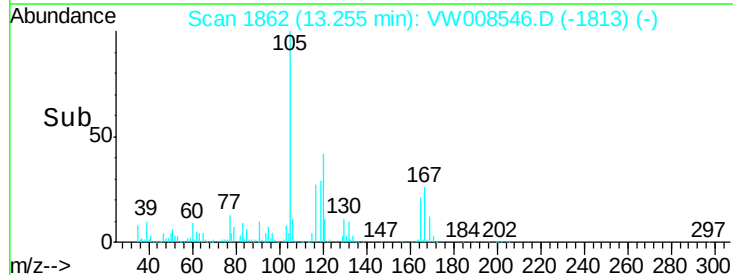
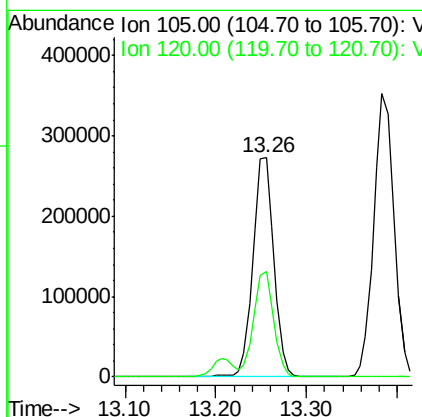
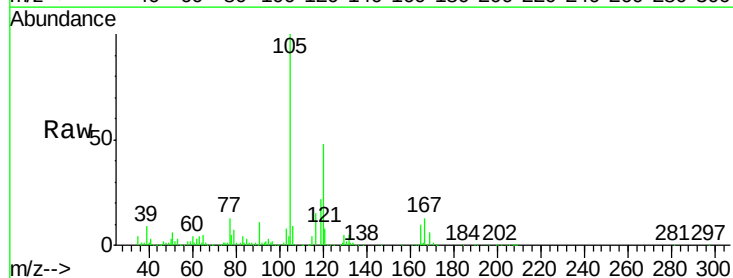
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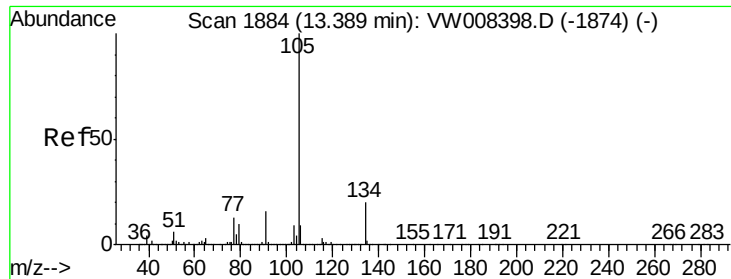
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#84
1,2,4-Trimethylbenzene
Concen: 17.898 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW008546.D
Acq: 07 Feb 2019 12:22

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.5	23.1	69.2





#85

sec-Butylbenzene

Concen: 17.988 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VW008546.D

Acq: 07 Feb 2019 12:22

Instrument :

MSVOA_W

ClientSampleId :

VW0207SBS01

Tot Ion:105 Resp: 546399

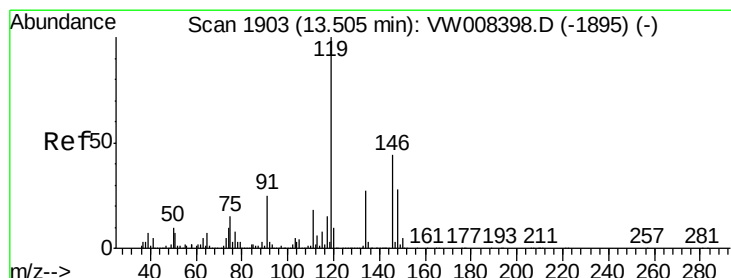
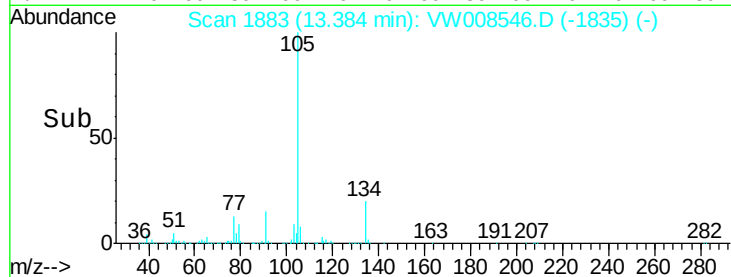
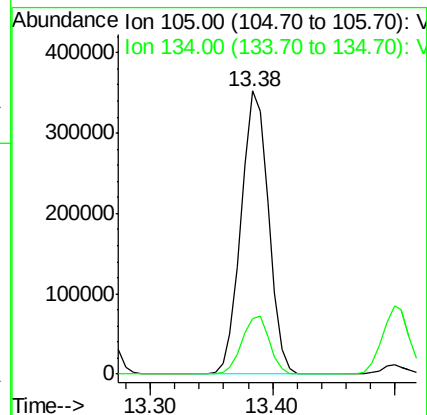
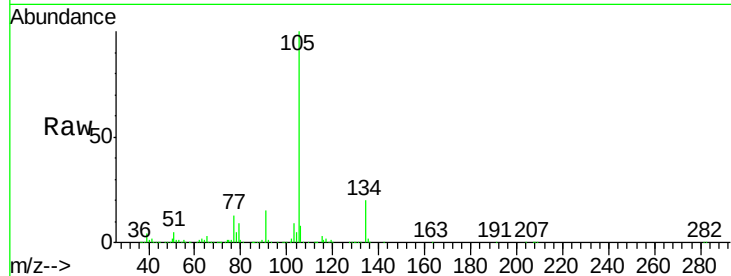
Ion Ratio Lower Upper

105 100

134 20.6 10.2 30.6

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 18.094 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.01 min

Lab File: VW008546.D

Acq: 07 Feb 2019 12:22

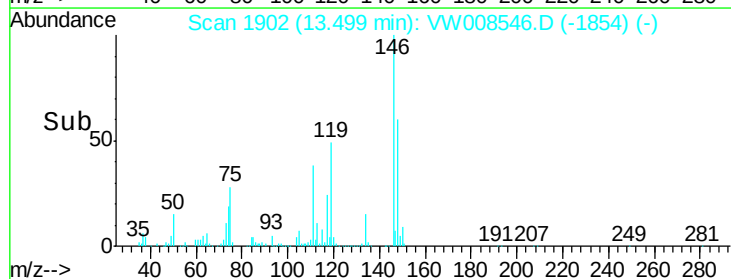
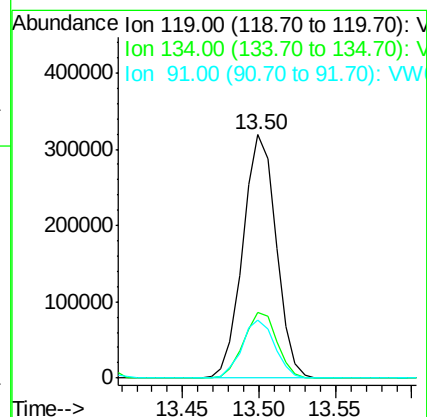
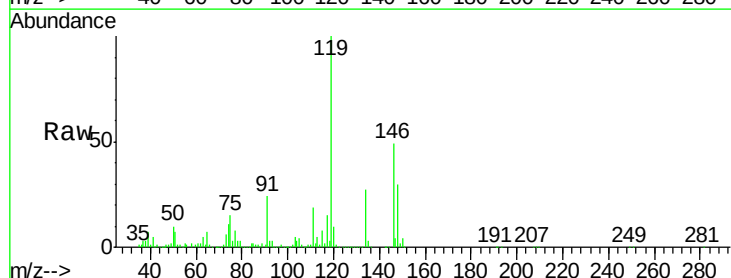
Tgt Ion:119 Resp: 481435

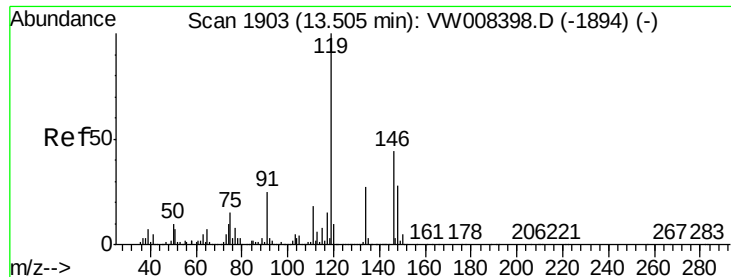
Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.2

91 23.7 12.6 37.6





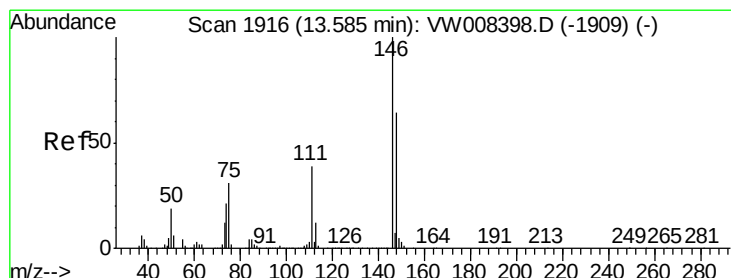
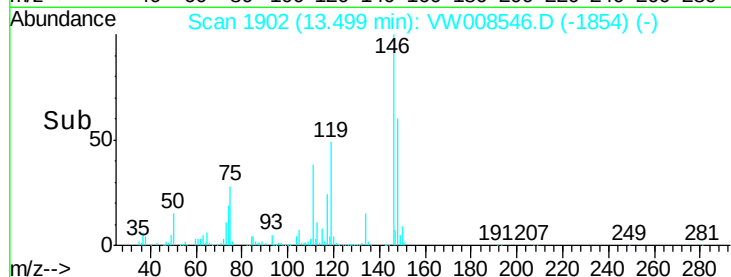
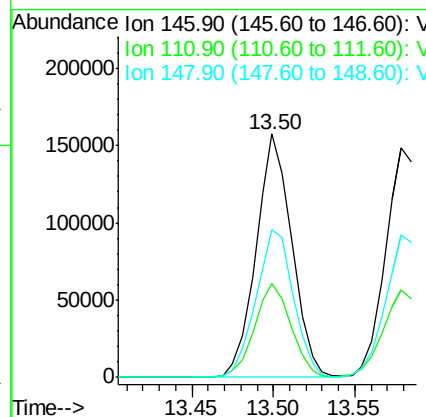
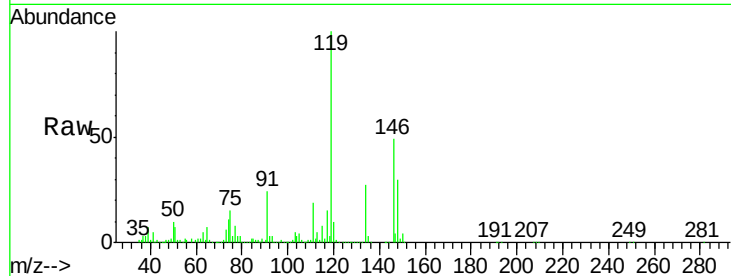
#87
 1,3-Dichlorobenzene
 Concen: 18.976 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008546.D
 Acq: 07 Feb 2019 12:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0207SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	239324		
111	39.1	20.3	60.9	
148	63.6	31.9	95.7	

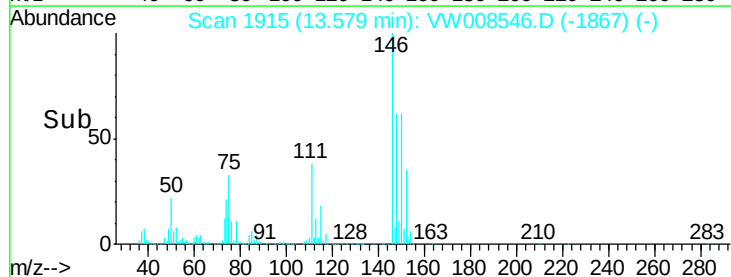
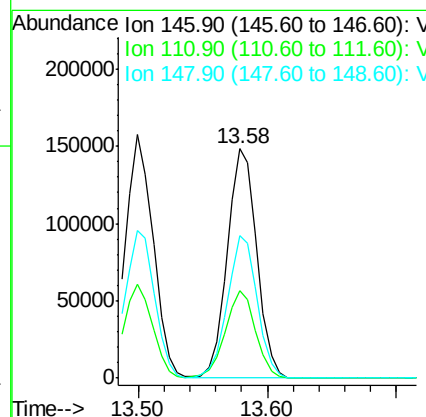
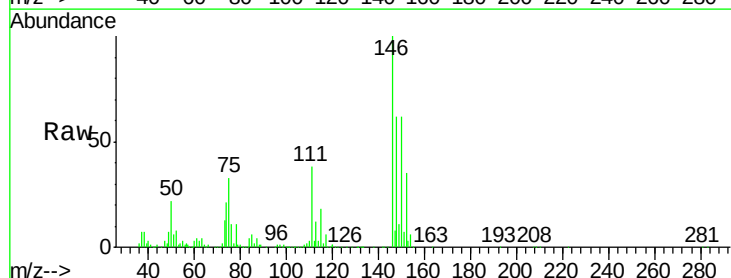
Manual Integrations
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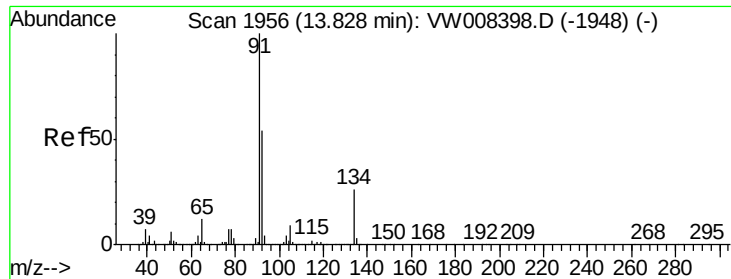
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#88
 1,4-Dichlorobenzene
 Concen: 19.060 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.01 min
 Lab File: VW008546.D
 Acq: 07 Feb 2019 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	238898		
111	39.0	20.0	60.0	
148	62.9	32.0	96.2	





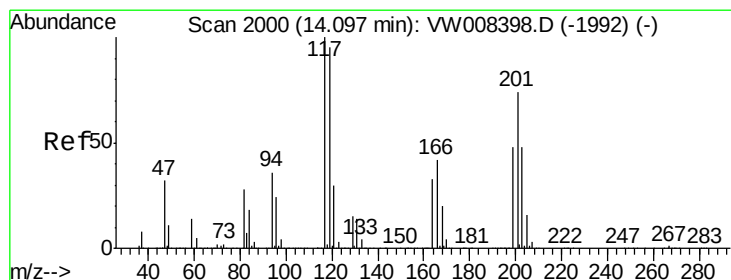
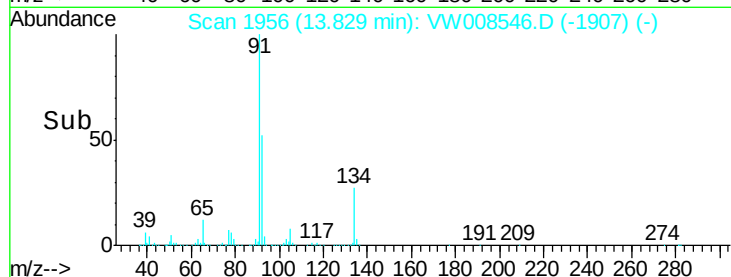
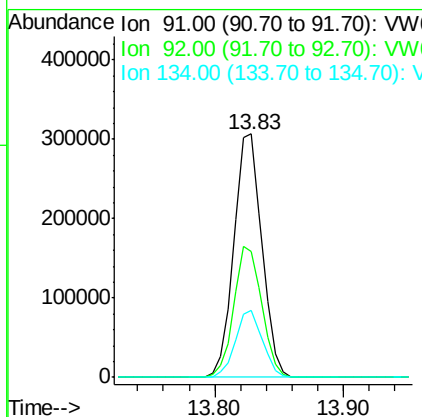
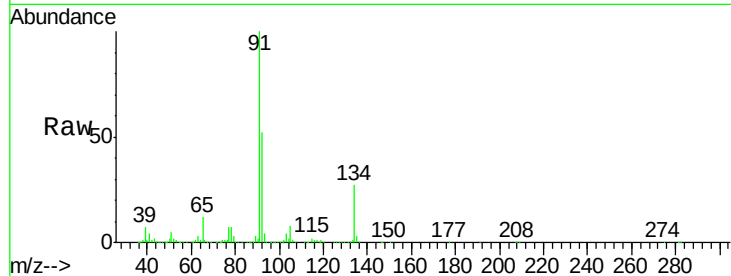
#89
n-Butylbenzene
Concen: 17.778 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW008546.D
Acq: 07 Feb 2019 12:22

Instrument :
MSVOA_W
ClientSampleId :
VW0207SBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.6	27.4	82.2
134	26.6	13.0	39.0

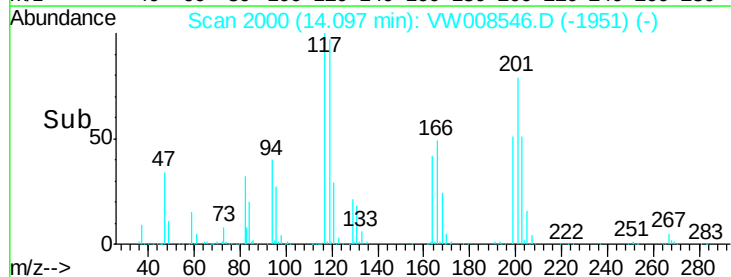
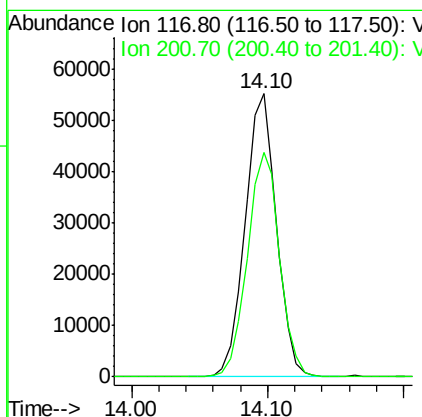
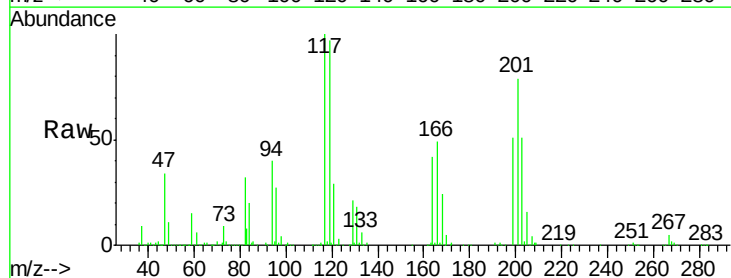
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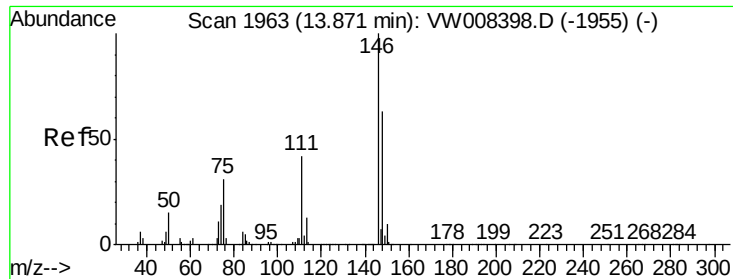
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#90
Hexachloroethane
Concen: 17.034 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW008546.D
Acq: 07 Feb 2019 12:22

Tgt Ion	Ratio	Lower	Upper
117	100		
201	81.7	39.1	117.5





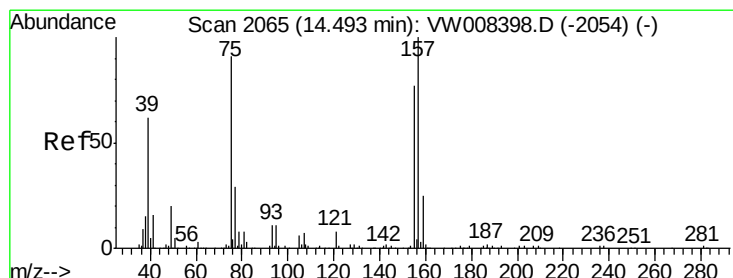
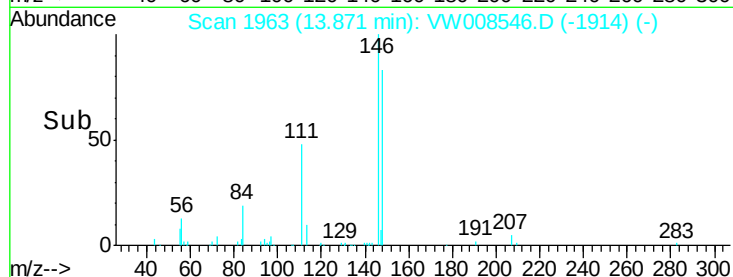
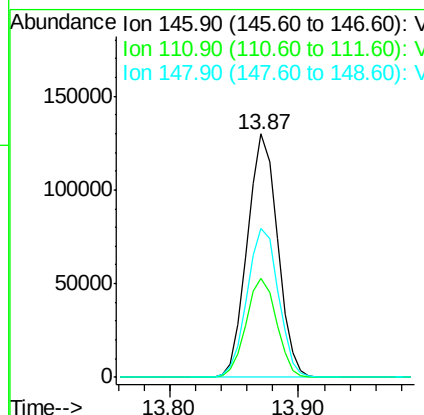
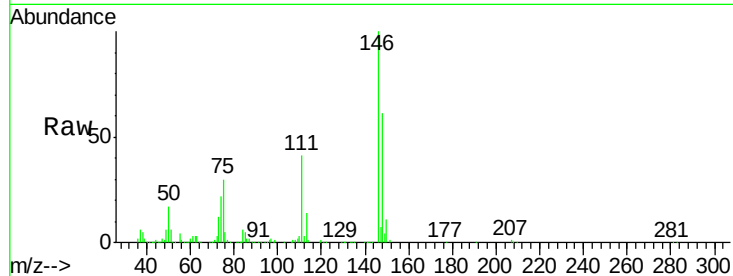
#91
 1,2-Dichlorobenzene
 Concen: 18.820 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW008546.D
 Acq: 07 Feb 2019 12:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0207SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	210024		
111	41.2		21.1	63.3
148	63.2		31.9	95.5

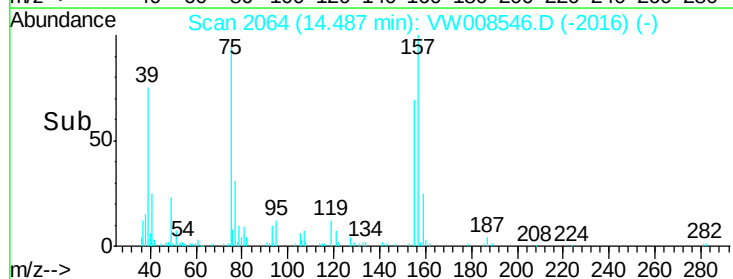
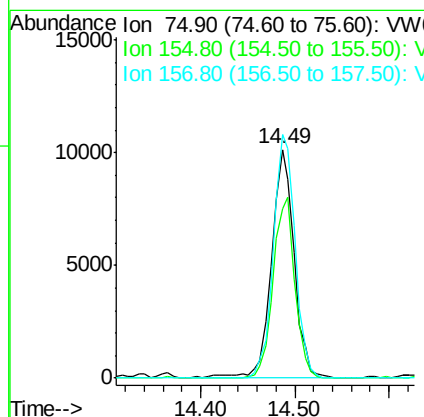
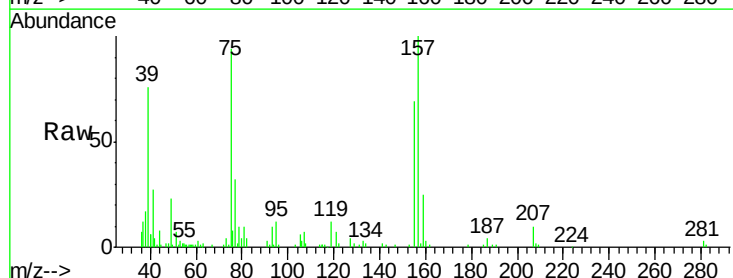
Manual Integrations
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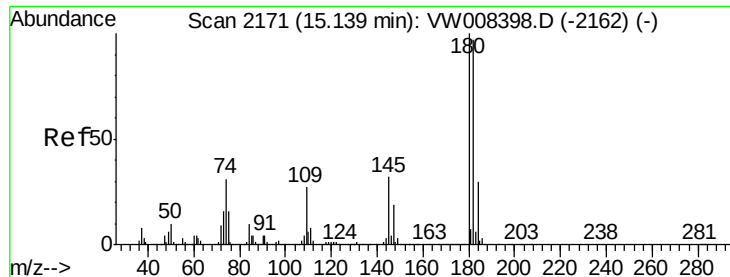
MMDadoda
 2/11/2019 12:38:32 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.875 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: VW008546.D
 Acq: 07 Feb 2019 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	17072		
155	75.7		42.7	128.1
157	101.9		55.5	166.3





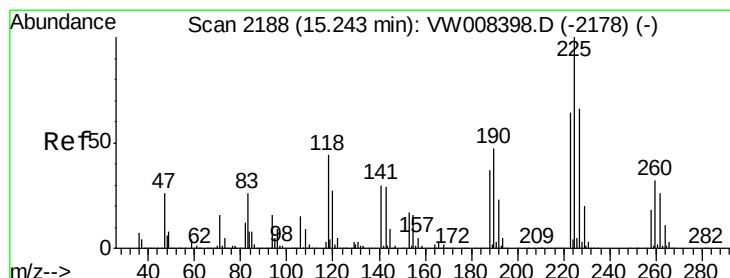
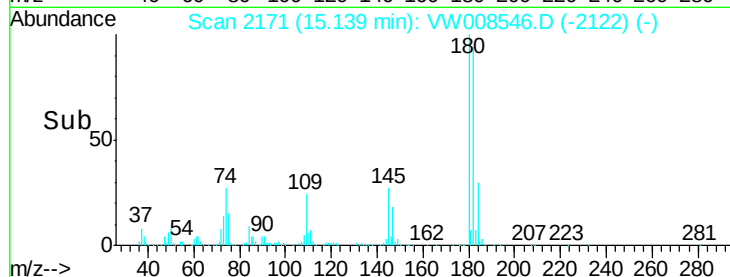
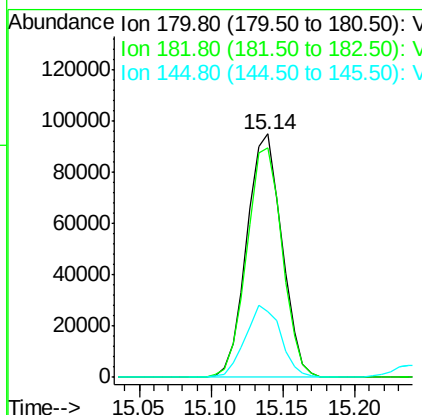
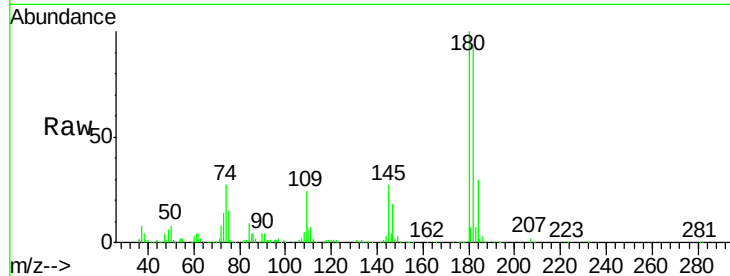
#93
1,2,4-Trichlorobenzene
Concen: 20.045 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VW008546.D
Acq: 07 Feb 2019 12:22

Instrument :
MSVOA_W
ClientSampleId :
VW0207SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	159627		
182	95.2	47.9	143.7	
145	30.0	15.5	46.5	

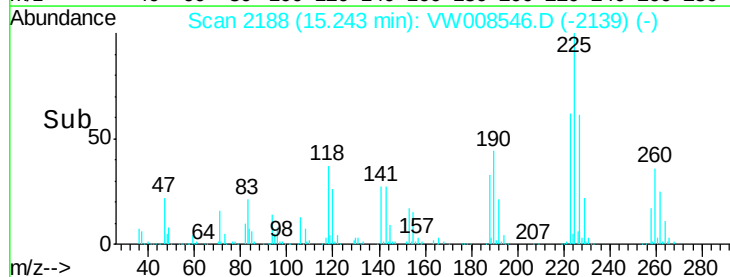
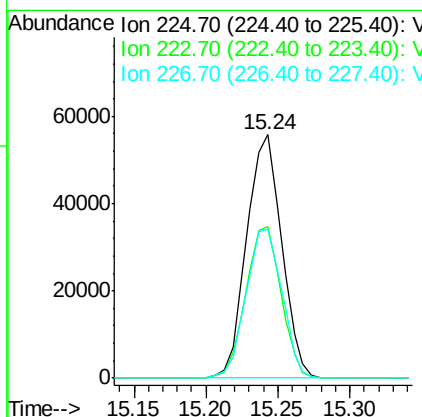
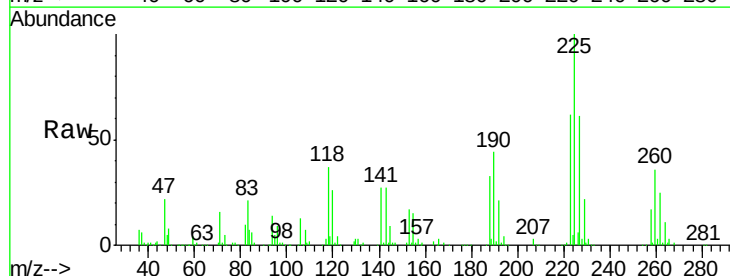
Manual Integrations
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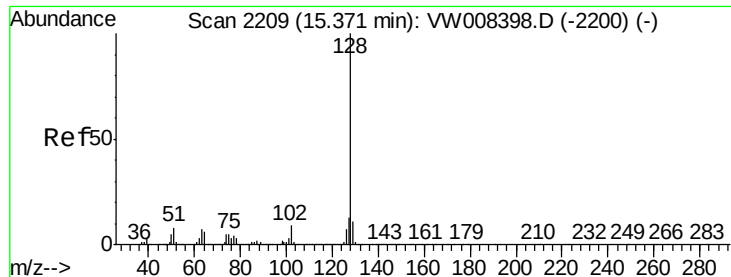
MMDadoda
2/11/2019 12:38:32 PM



#94
Hexachlorobutadiene
Concen: 19.583 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. 0.00 min
Lab File: VW008546.D
Acq: 07 Feb 2019 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	93985		
223	62.8	31.7	95.1	
227	62.8	32.1	96.3	





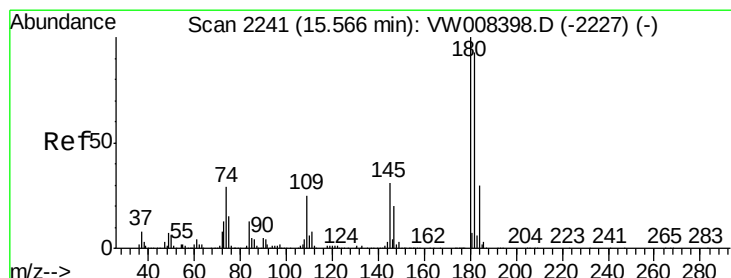
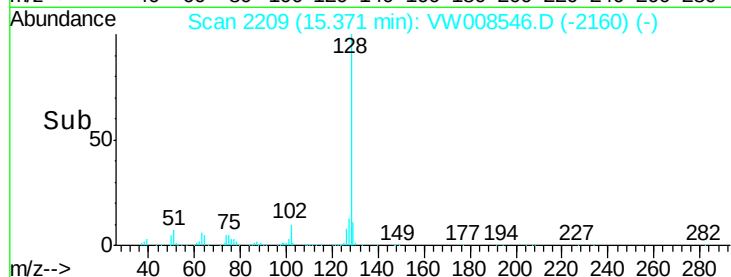
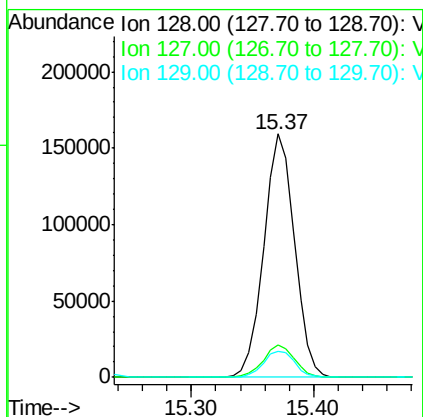
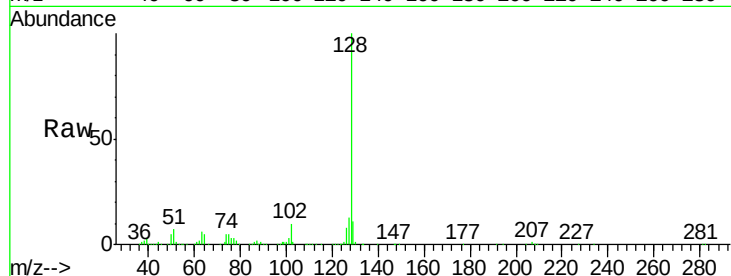
#95
Naphthalene
Concen: 19.869 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW008546.D
Acq: 07 Feb 2019 12:22

Instrument :
MSVOA_W
ClientSampleId :
VW0207SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	277823		
127	13.5	10.6	15.8	
129	11.0	8.7	13.1	

Manual Integrations
APPROVED

MMDadoda
2/11/2019 12:38:32 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.918 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.01 min
Lab File: VW008546.D
Acq: 07 Feb 2019 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	141308		
182	92.3	47.0	141.2	
145	30.6	15.9	47.6	

