

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021119\
 Data File : VW008604.D
 Acq On : 11 Feb 2019 18:15
 Operator : SY/VA
 Sample : K1457-05MS
 Misc : 5.57G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

MMDadoda
 2/12/2019 1:43:16 PM

Quant Time: Feb 12 05:24:13 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	247473	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	433967	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	259352	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	157921	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	215150	88.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	177.00%	
35) Dibromofluoromethane	7.88	113	175538	69.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	138.36%	
50) Toluene-d8	10.32	98	440038	43.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.48%	
62) 4-Bromofluorobenzene	12.62	95	224205	57.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	108107	73.929	ug/l	99
3) Chloromethane	2.21	50	183267	90.724	ug/l	96
4) Vinyl Chloride	2.36	62	237137	92.218	ug/l	100
5) Bromomethane	2.78	94	156310	94.241	ug/l	99
6) Chloroethane	2.92	64	156674	99.624	ug/l	98
7) Trichlorofluoromethane	3.25	101	125060	55.355	ug/l	99
8) Diethyl Ether	3.67	74	120932	97.989	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.05	101	91334	40.805	ug/l	98
10) Methyl Iodide	4.26	142	242955	68.721	ug/l	98
11) Tert butyl alcohol	5.17	59	130449	666.445	ug/l	98
12) 1,1-Dichloroethene	4.03	96	137561	60.728	ug/l	95
13) Acrolein	3.88	56	9912	60.620	ug/l	99
14) Allyl chloride	4.65	41	292736	68.057	ug/l	97
15) Acrylonitrile	5.36	53	290098	544.362	ug/l	99
16) Acetone	4.12	43	327534	599.923	ug/l	100
17) Carbon Disulfide	4.37	76	325643	45.012	ug/l	100
18) Methyl Acetate	4.66	43	680342	467.208	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	367452	98.044	ug/l #	74
20) Methylene Chloride	4.90	84	194529	77.306	ug/l	95
21) trans-1,2-Dichloroethene	5.41	96	159990	62.825	ug/l	98
22) Diisopropyl ether	6.31	45	597822	73.334	ug/l	98
23) Vinyl Acetate	6.31	43	321197	66.727	ug/l #	74
24) 1,1-Dichloroethane	6.21	63	331364	71.811	ug/l	99
25) 2-Butanone	7.17	43	438571	578.340	ug/l	100
26) 2,2-Dichloropropane	7.17	77	197689	63.381	ug/l	97
27) cis-1,2-Dichloroethene	7.16	96	192409	69.327	ug/l	99
28) Bromochloromethane	7.51	49	150368	70.948	ug/l	99
29) Tetrahydrofuran	7.52	42	277228	576.894	ug/l	99
30) Chloroform	7.67	83	323842	71.351	ug/l	95
31) Cyclohexane	7.95	56	137656	28.850	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	212647	54.244	ug/l	99
36) 1,1-Dichloropropene	8.07	75	170227	41.526	ug/l	99
37) Ethyl Acetate	7.24	43	23433m	12.920	ug/l	
38) Carbon Tetrachloride	8.06	117	166146	40.277	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	141727	26.318	ug/l	98
40) Benzene	8.32	78	619570	54.468	ug/l	100
41) Methacrylonitrile	7.48	41	96966	90.294	ug/l	93
42) 1,2-Dichloroethane	8.40	62	248812	75.479	ug/l	100
43) Isopropyl Acetate	8.42	43	117966	31.308	ug/l #	62
44) Trichloroethene	9.09	130	131137	42.395	ug/l	97
45) 1,2-Dichloropropane	9.37	63	164113	57.863	ug/l	99
46) Dibromomethane	9.46	93	100986	69.226	ug/l	97
47) Bromodichloromethane	9.64	83	224760	58.251	ug/l	99
48) Methyl methacrylate	9.43	41	212691	115.445	ug/l	94
49) 1,4-Dioxane	9.44	88	54731	2219.617	ug/l	90
51) 4-Methyl-2-Pentanone	10.21	43	890459	478.365	ug/l	99
52) Toluene	10.38	92	298499	39.753	ug/l	96
53) t-1,3-Dichloropropene	10.60	75	229978	56.014	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	251174	53.907	ug/l	94
55) 1,1,2-Trichloroethane	10.79	97	200526	99.103	ug/l	97
56) Ethyl methacrylate	10.65	69	234509	82.712	ug/l #	85
57) 1,3-Dichloropropane	10.93	76	235445	64.951	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	559770	406.349	ug/l	99
59) 2-Hexanone	10.97	43	663627	504.999	ug/l	94
60) Dibromochloromethane	11.13	129	140519	54.041	ug/l	99
61) 1,2-Dibromoethane	11.23	107	127563	63.581	ug/l #	75
64) Tetrachloroethene	10.86	164	80214	45.681	ug/l	97
65) Chlorobenzene	11.66	112	286013	54.023	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	117937	62.262	ug/l	98
67) Ethyl Benzene	11.73	91	420180	43.176	ug/l	99
68) m/p-Xylenes	11.84	106	318491	84.349	ug/l	98
69) o-Xylene	12.17	106	167416	46.664	ug/l	96
70) Styrene	12.18	104	275253	46.448	ug/l	97
71) Bromoform	12.35	173	86850	81.492	ug/l #	95
73) Isopropylbenzene	12.46	105	363847	30.904	ug/l	100
74) N-amyl acetate	12.25	43	231833	76.437	ug/l #	45
75) 1,1,2,2-Tetrachloroethane	12.71	83	304155	163.178	ug/l	87
76) 1,2,3-Trichloropropane	12.77	75	121926m	88.802	ug/l	
77) Bromobenzene	12.75	156	101652	39.535	ug/l #	48
78) n-propylbenzene	12.80	91	409776	28.979	ug/l	96
79) 2-Chlorotoluene	12.89	91	293733	36.811	ug/l	93
80) 1,3,5-Trimethylbenzene	12.94	105	589287	59.884	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	57632	82.904	ug/l #	77
82) 4-Chlorotoluene	12.99	91	276436	32.539	ug/l	80
83) tert-Butylbenzene	13.21	119	241639	27.594	ug/l	91
84) 1,2,4-Trimethylbenzene	13.26	105	253483	25.343	ug/l	98
85) sec-Butylbenzene	13.38	105	310148	24.800	ug/l	100
86) p-Isopropyltoluene	13.50	119	262102	23.926	ug/l	90
87) 1,3-Dichlorobenzene	13.50	146	138726	26.716	ug/l #	9
88) 1,4-Dichlorobenzene	13.58	146	136568	26.464	ug/l #	2
89) n-Butylbenzene	13.83	91	220264	20.478	ug/l	89
90) Hexachloroethane	14.10	117	68958	32.189	ug/l	69
91) 1,2-Dichlorobenzene	13.87	146	125280	27.267	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	14.49	75	29158	82.445	ug/l	77

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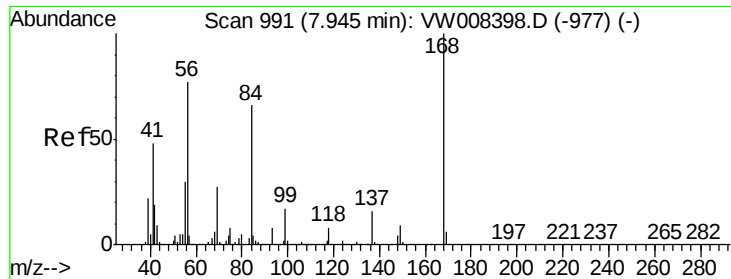
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	51771	15.790	ug/l #	56
94) Hexachlorobutadiene	15.24	225	23978	12.135	ug/l	98
95) Naphthalene	15.37	128	159815	27.760	ug/l #	79
96) 1,2,3-Trichlorobenzene	15.56	180	54017	19.421	ug/l #	62

(#) = 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: VW008604.D

Acq: 11 Feb 2019 18:15

Instrument :

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SB-10(0-5)MS

Tot Ion:168 Resp: 247473

Ion Ratio Lower Upper

168 100

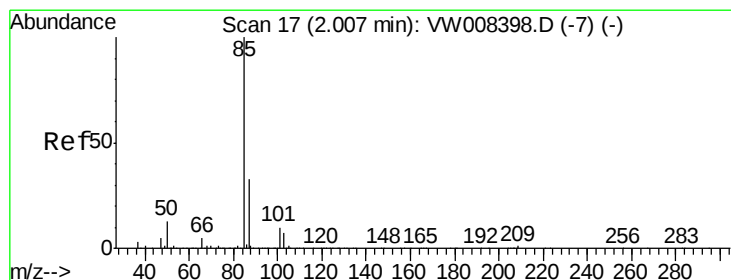
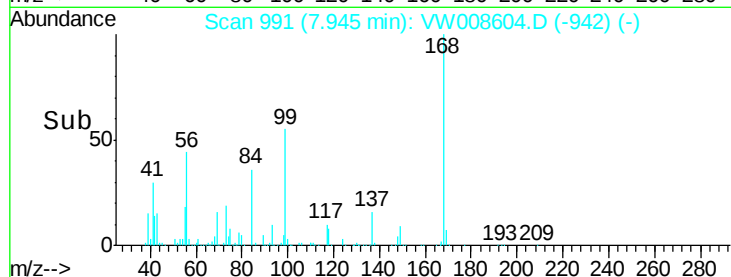
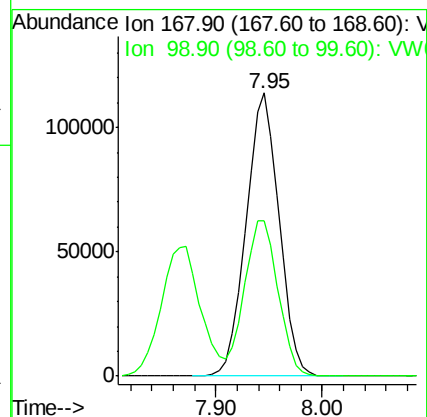
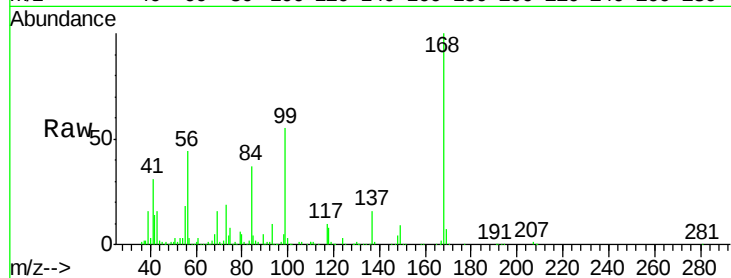
99 55.0 45.5 68.3

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 73.929 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW008604.D

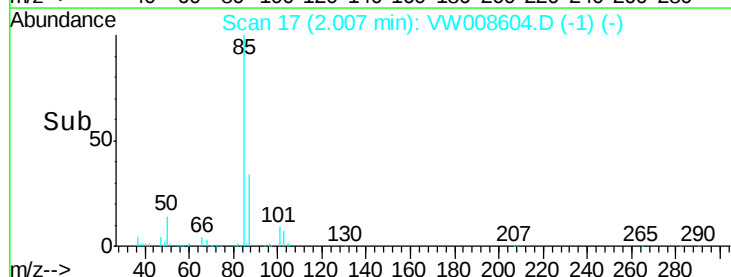
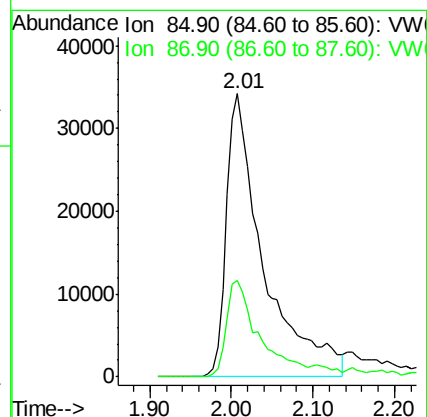
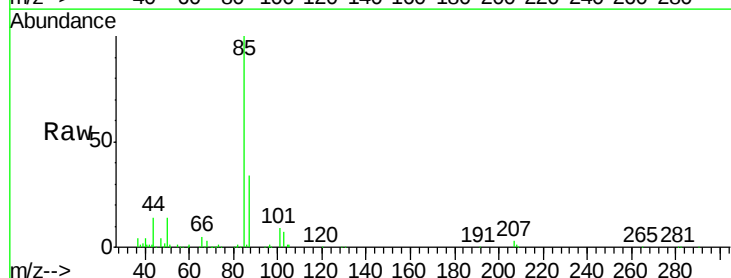
Acq: 11 Feb 2019 18:15

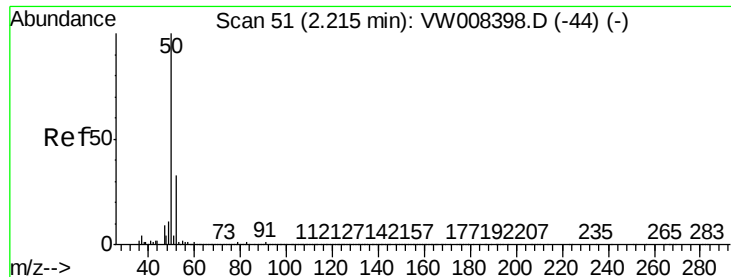
Tgt Ion: 85 Resp: 108107

Ion Ratio Lower Upper

85 100

87 34.2 16.7 50.1





#3

Chloromethane

Concen: 90.724 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW008604.D

Acq: 11 Feb 2019 18:15

Instrument :

MSVOA_W

ClientSampleId :

SB-10(0-5)MS

Tot Ion: 50 Resp: 183267

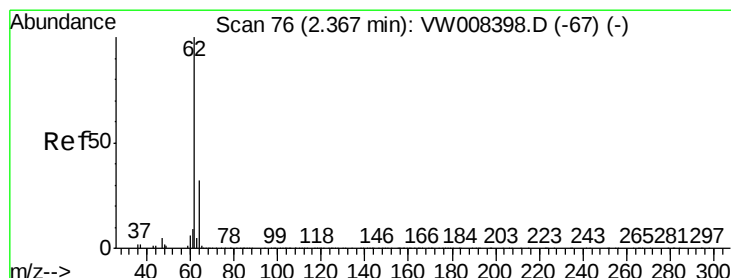
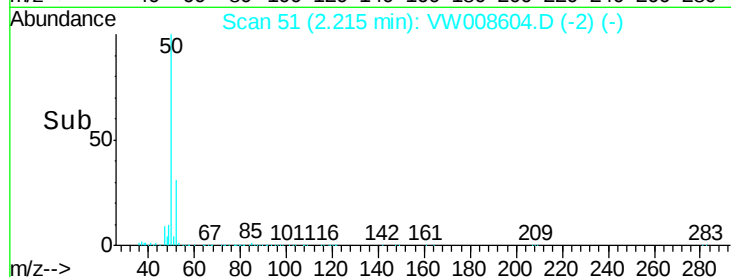
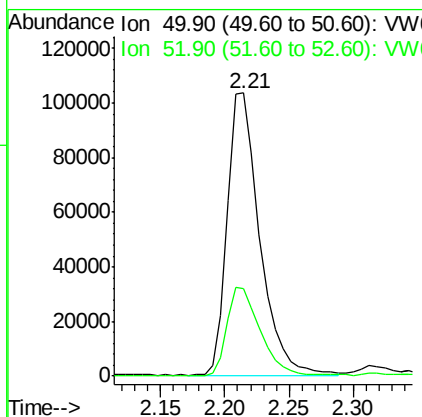
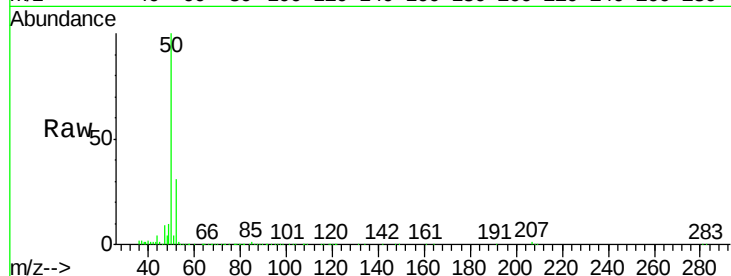
Ion Ratio Lower Upper

50 100

52 30.9 26.3 39.5

Manual Integrations
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#4

Vinyl Chloride

Concen: 92.218 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW008604.D

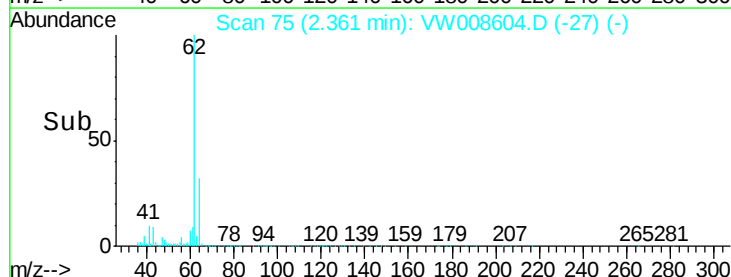
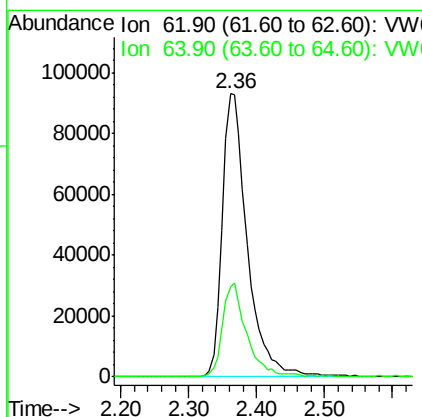
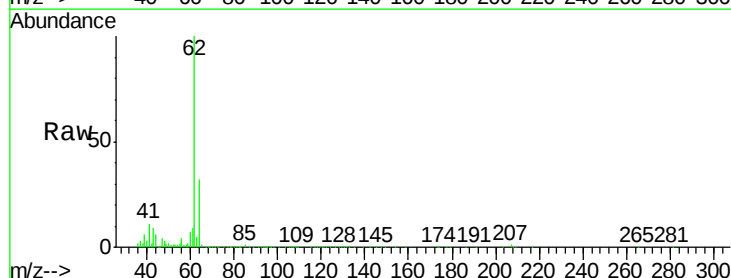
Acq: 11 Feb 2019 18:15

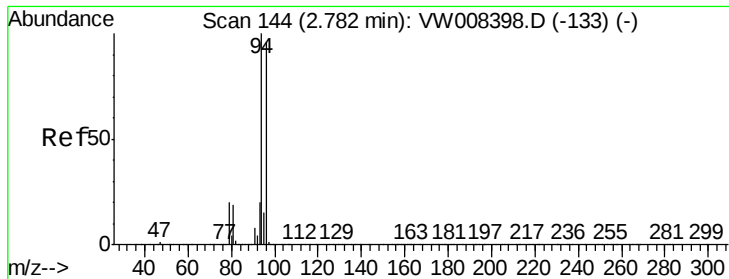
Tgt Ion: 62 Resp: 237137

Ion Ratio Lower Upper

62 100

64 32.0 25.5 38.3





#5

Bromomethane

Concen: 94.241 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW008604.D

Acq: 11 Feb 2019 18:15

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SB-10(0-5)MS

Tot Ion: 94 Resp: 156310

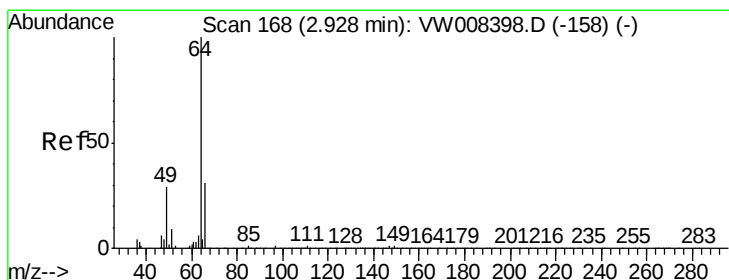
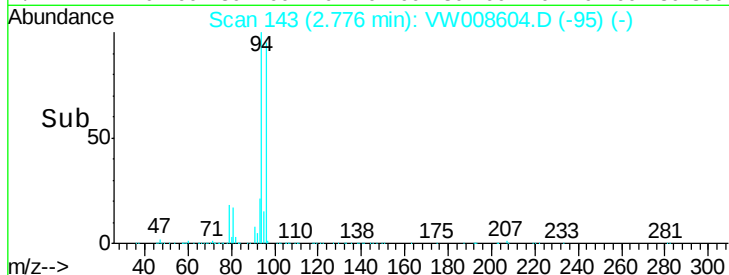
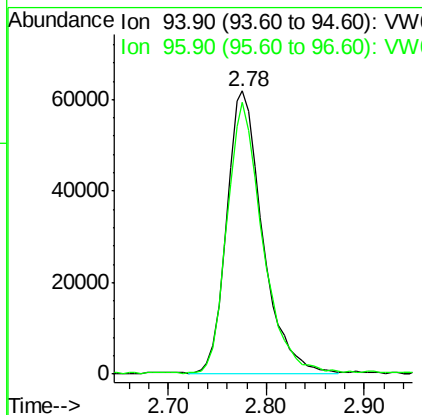
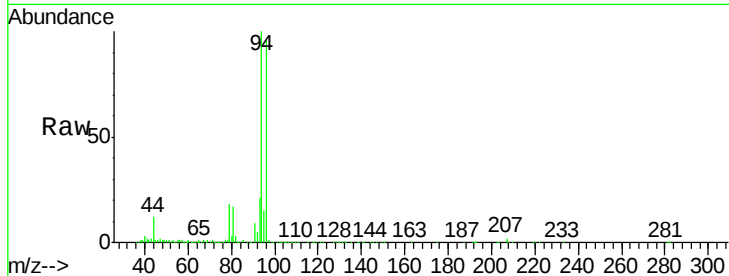
Ion Ratio Lower Upper

94 100

96 95.5 77.2 115.8

Manual Integrations
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#6

Chloroethane

Concen: 99.624 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW008604.D

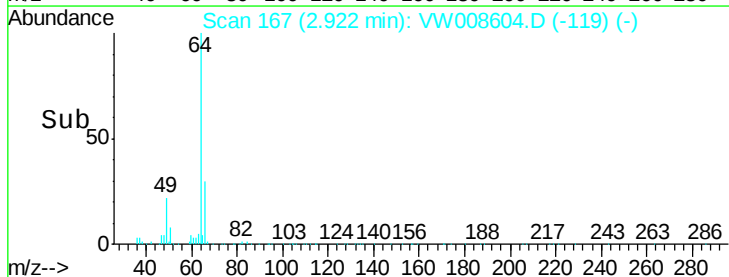
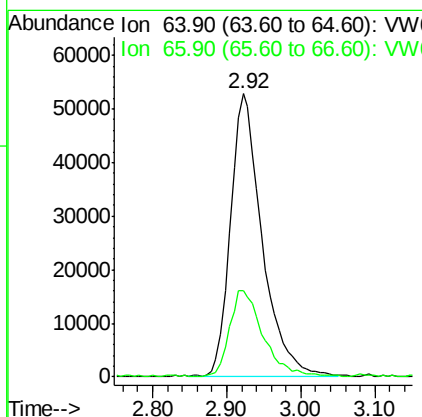
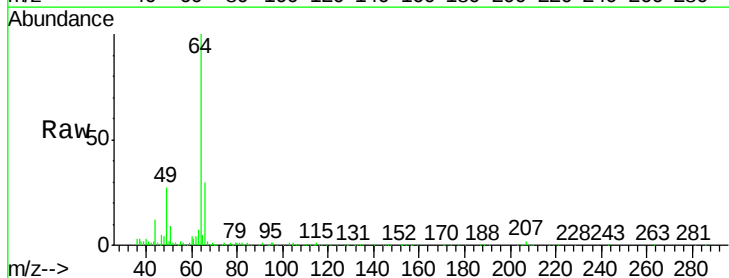
Acq: 11 Feb 2019 18:15

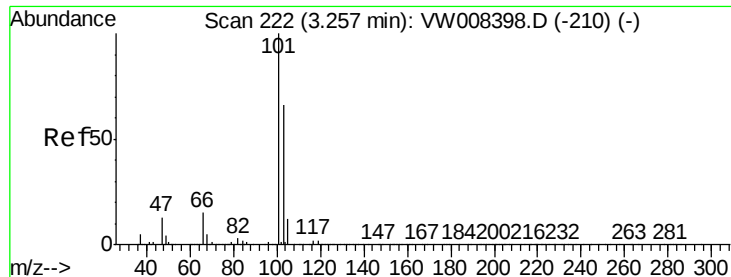
Tgt Ion: 64 Resp: 156674

Ion Ratio Lower Upper

64 100

66 30.2 24.9 37.3





#7

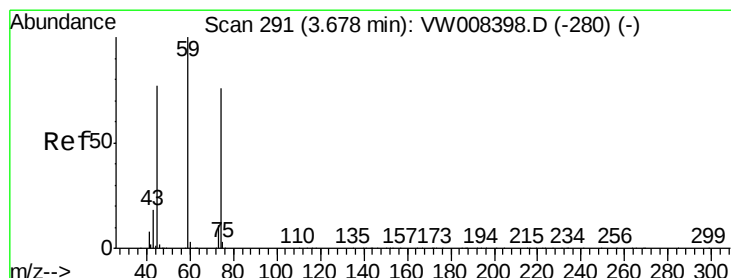
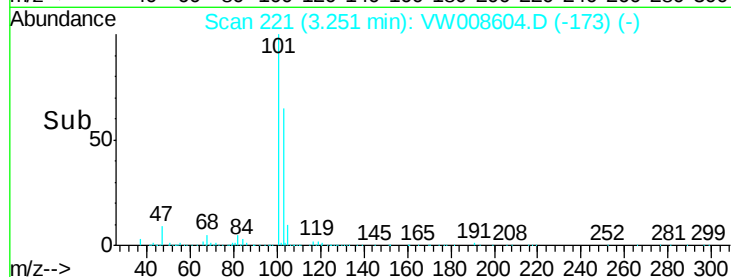
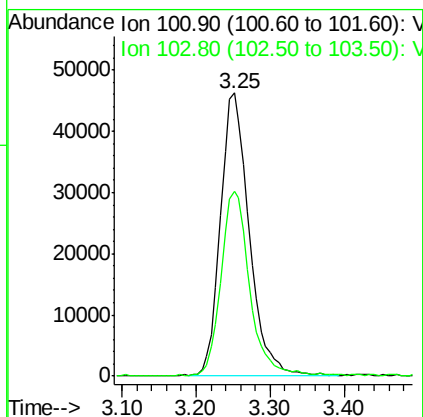
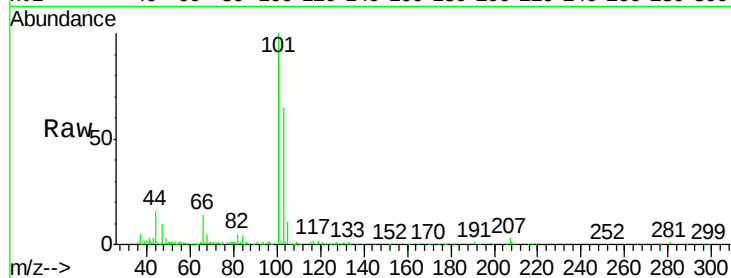
Trichlorofluoromethane
Concen: 55.355 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.01 min
Lab File: VW008604.D
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SB-10(0-5)MS

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.2	52.5	78.7

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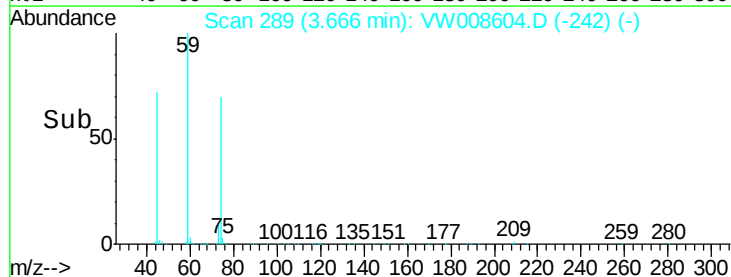
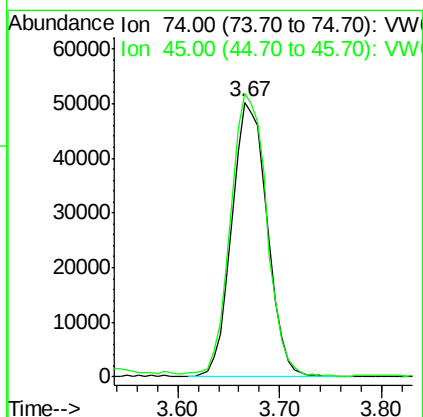
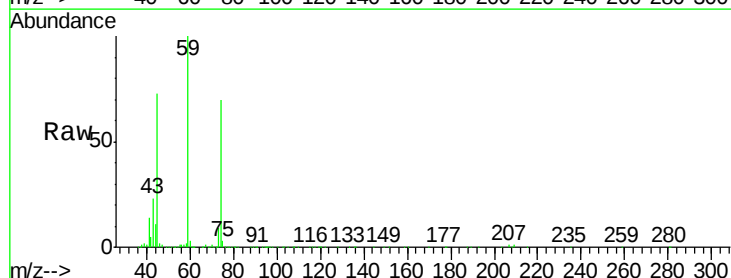
MMDadoda
2/12/2019 1:43:16 PM

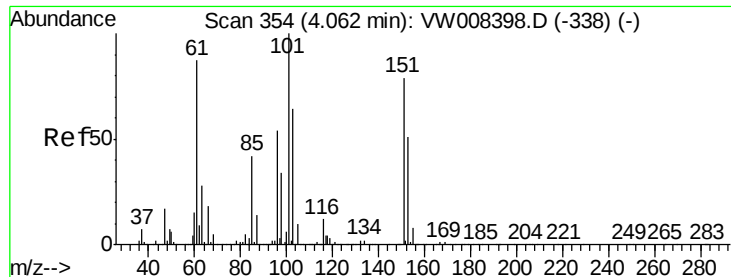


#8

Diethyl Ether
Concen: 97.989 ug/l
RT: 3.67 min Scan# 289
Delta R.T. -0.01 min
Lab File: VW008604.D
Acq: 11 Feb 2019 18:15

Tgt Ion	Ratio	Lower	Upper
74	100		
45	105.2	51.7	155.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 40.805 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.01 min

Lab File: VW008604.D

Acq: 11 Feb 2019 18:15

Instrument :

MSVOA_W

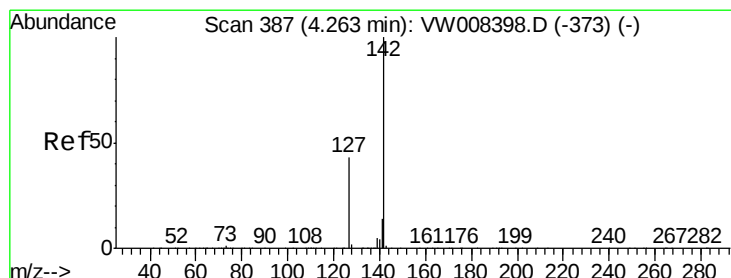
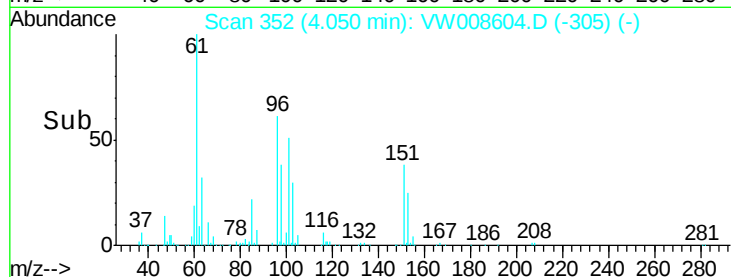
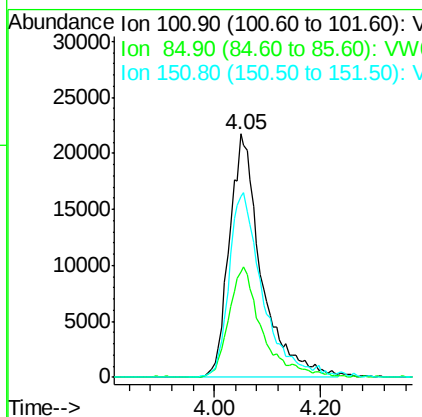
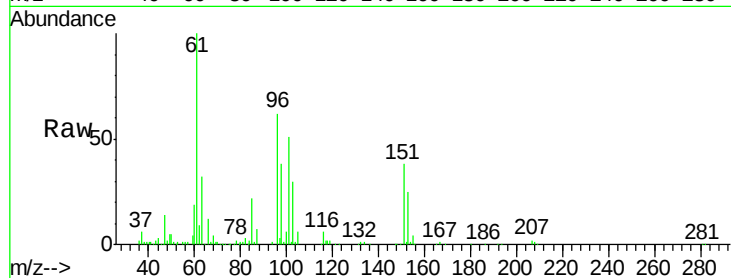
ClientSampleId :

SB-10(0-5)MS

Tot Ion:	101	Resp:	91334
Ion Ratio	Lower	Upper	
101	100		
85	45.9	35.0	52.4
151	77.9	62.6	94.0

Manual Integrations
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#10

Methyl Iodide

Concen: 68.721 ug/l

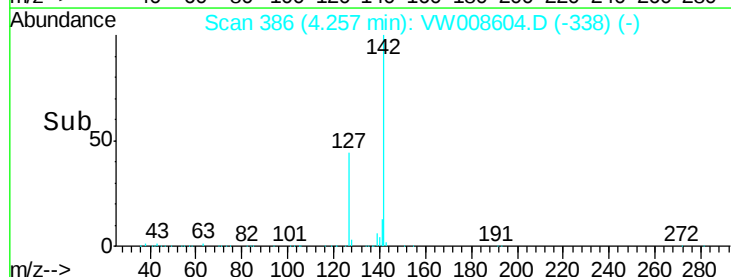
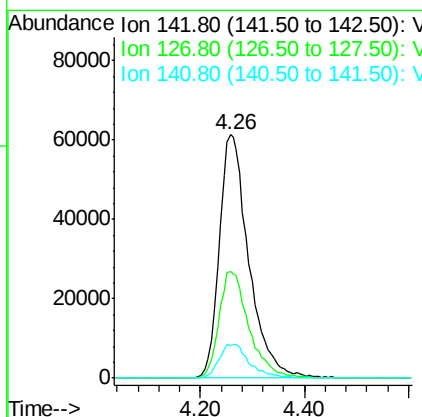
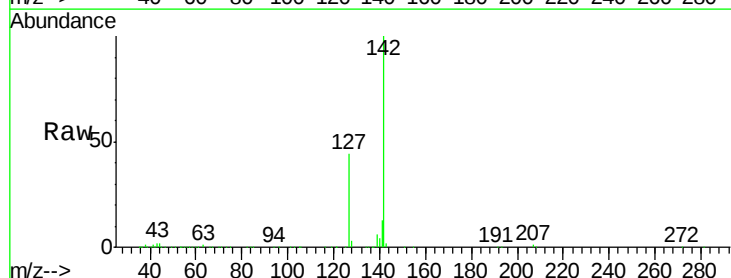
RT: 4.26 min Scan# 386

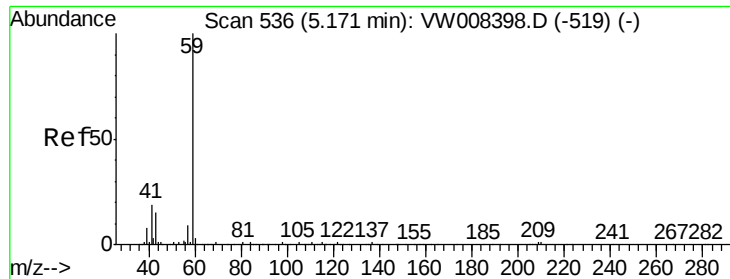
Delta R.T. -0.01 min

Lab File: VW008604.D

Acq: 11 Feb 2019 18:15

Tgt Ion:	142	Resp:	242955
Ion Ratio	Lower	Upper	
142	100		
127	44.7	34.6	52.0
141	14.3	11.4	17.2





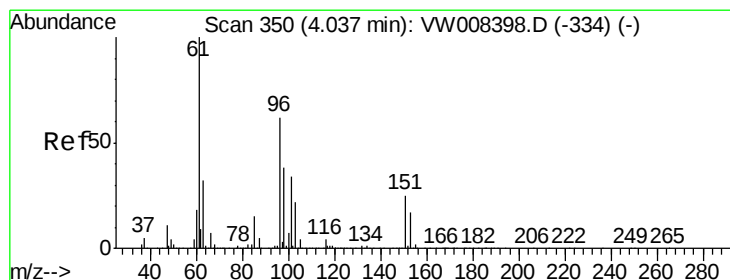
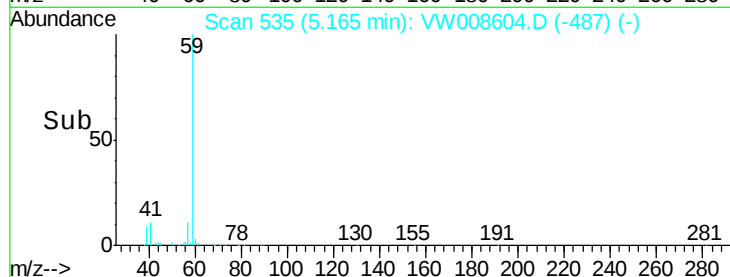
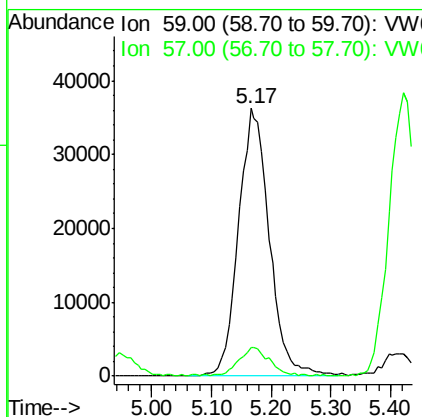
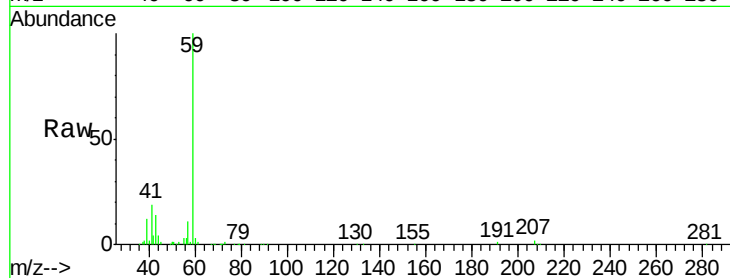
#11
Tert butyl alcohol
Concen: 666.445 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.01 min
Lab File: VW008604.D
Acq: 11 Feb 2019 18:15

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

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.9	9.3	13.9

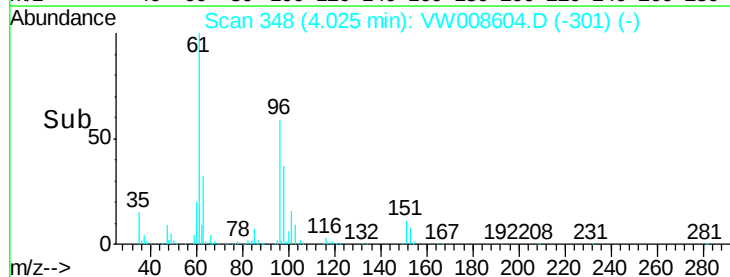
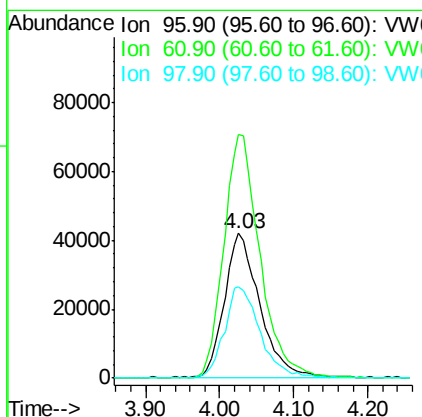
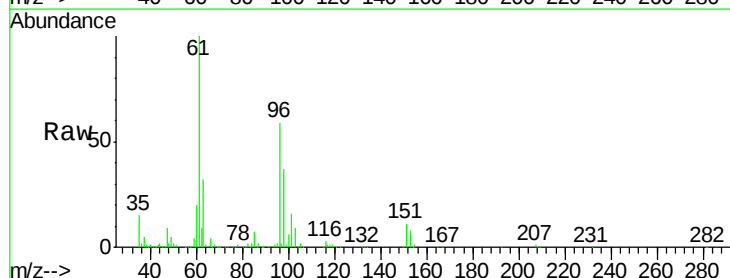
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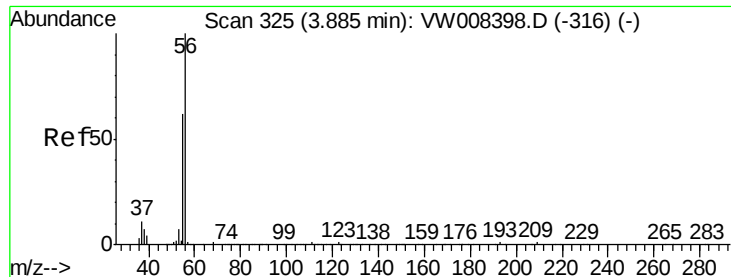
MMDadoda
2/12/2019 1:43:16 PM



#12
1,1-Dichloroethene
Concen: 60.728 ug/l
RT: 4.03 min Scan# 348
Delta R.T. -0.01 min
Lab File: VW008604.D
Acq: 11 Feb 2019 18:15

Tgt Ion	Ratio	Lower	Upper
96	100		
61	169.2	129.5	194.3
98	62.9	48.6	73.0





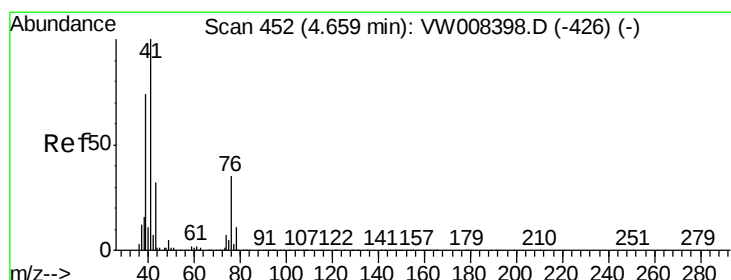
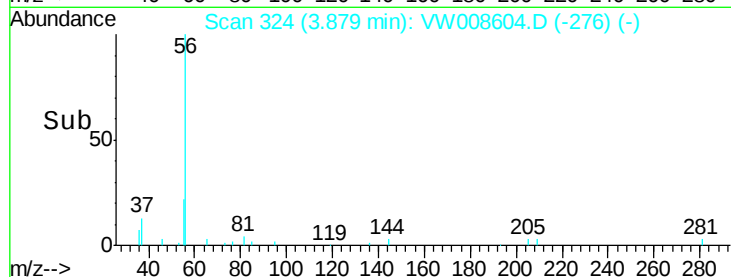
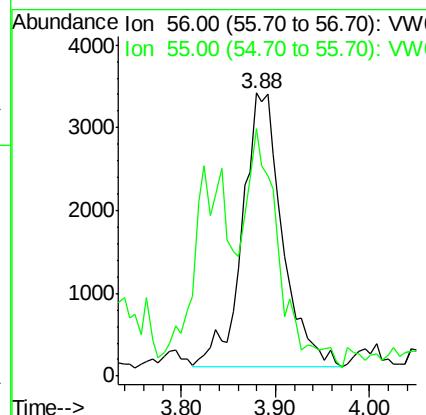
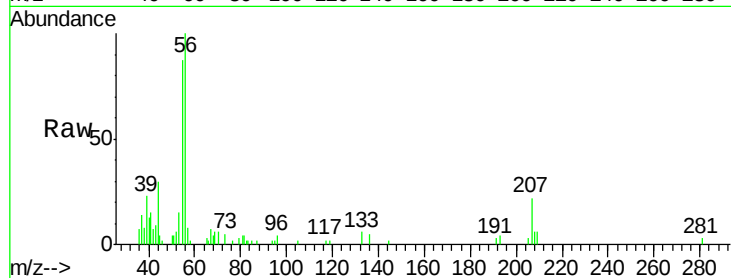
#13
Acrolein
Concen: 60.620 ug/l
RT: 3.88 min Scan# 324
Delta R.T. -0.01 min
Lab File: VW008604.D
Acq: 11 Feb 2019 18:15

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

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.8	56.7	85.1

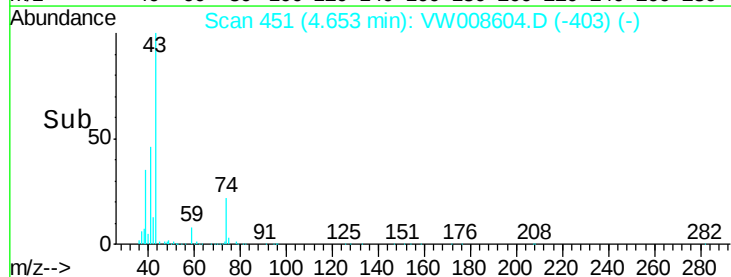
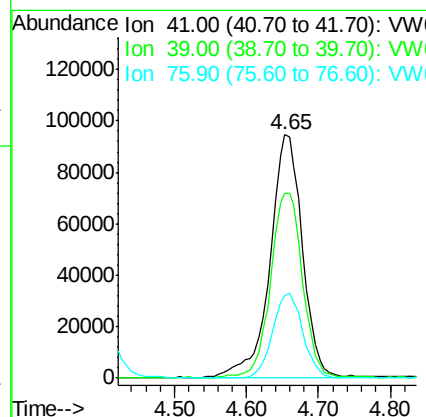
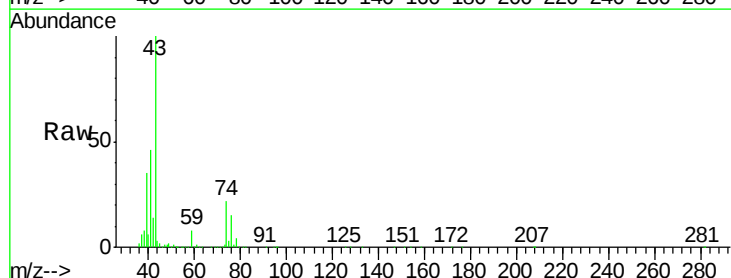
Manual Integrations
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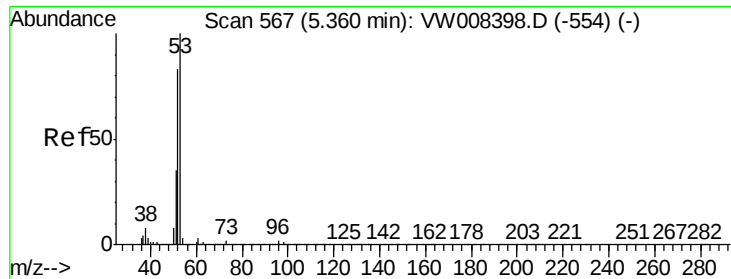
MMDadoda
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#14
Allyl chloride
Concen: 68.057 ug/l
RT: 4.65 min Scan# 451
Delta R.T. -0.01 min
Lab File: VW008604.D
Acq: 11 Feb 2019 18:15

Tgt Ion	Ratio	Lower	Upper
41	100		
39	74.9	57.7	86.5
76	32.7	26.9	40.3





#15

Acrylonitrile

Concen: 544.362 ug/l

RT: 5.36 min Scan# 567

Delta R.T. 0.00 min

Lab File: VW008604.D

Acq: 11 Feb 2019 18:15

Instrument :

MSVOA_W

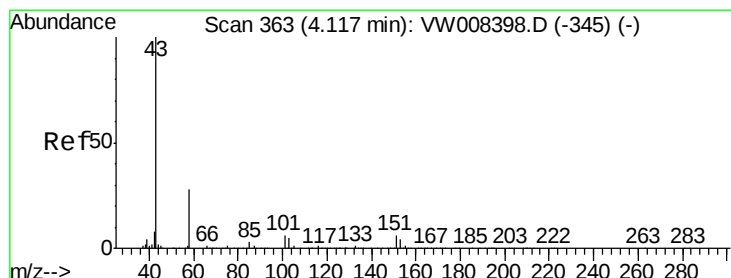
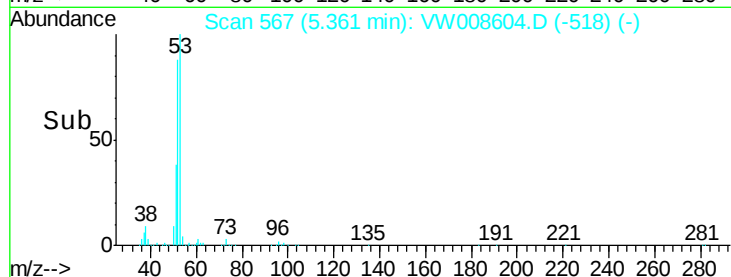
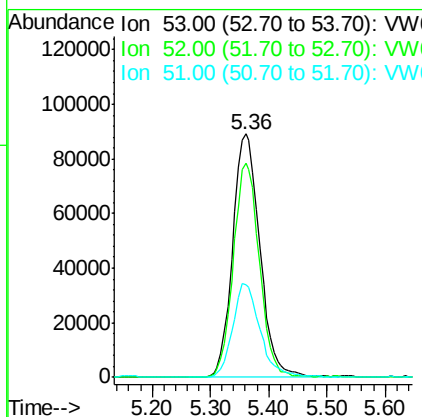
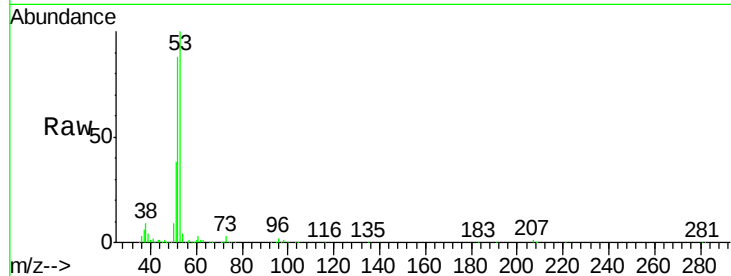
ClientSampleId :

SB-10(0-5)MS

Tot Ion:	53	Resp:	290098
Ion Ratio	Lower	Upper	
53	100		
52	83.7	67.0	100.4
51	38.6	29.8	44.8

Manual Integrations
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#16

Acetone

Concen: 599.923 ug/l

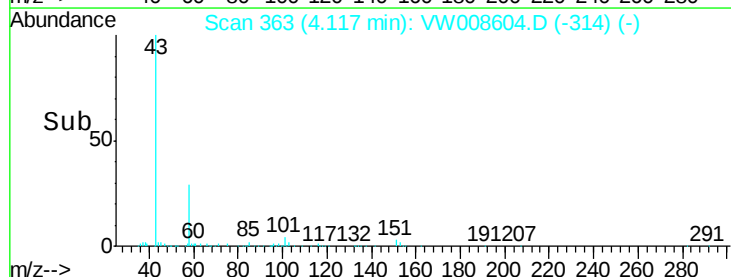
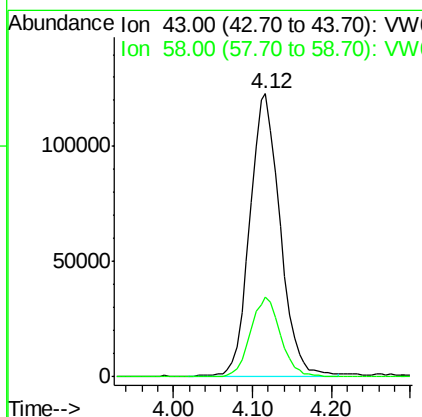
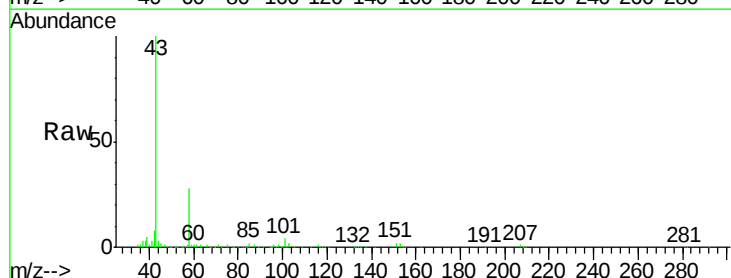
RT: 4.12 min Scan# 363

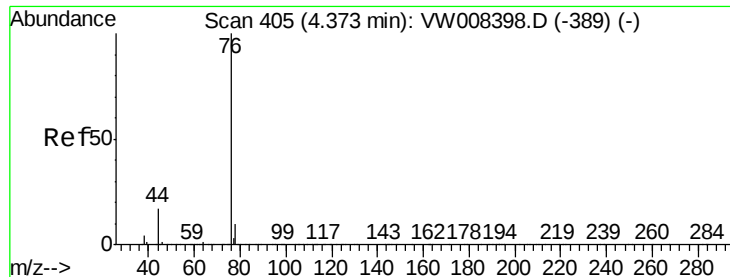
Delta R.T. 0.00 min

Lab File: VW008604.D

Acq: 11 Feb 2019 18:15

Tgt Ion:	43	Resp:	327534
Ion Ratio	Lower	Upper	
43	100		
58	28.2	22.6	34.0





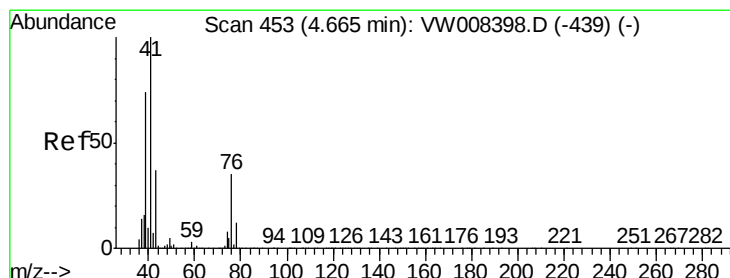
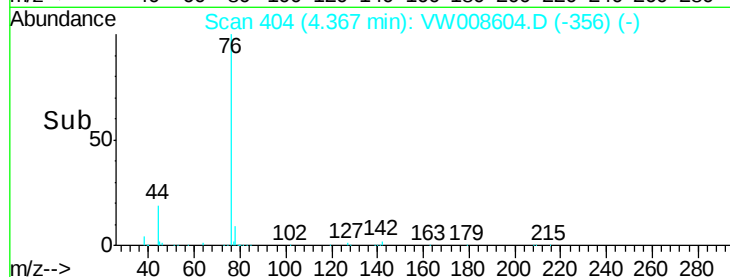
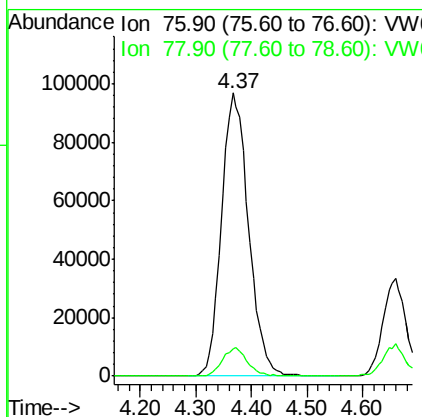
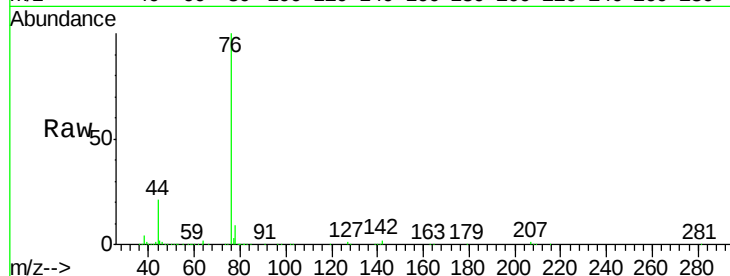
#17
Carbon Disulfide
Concen: 45.012 ug/l
RT: 4.37 min Scan# 404
Delta R.T. -0.01 min
Lab File: VW008604.D
Acq: 11 Feb 2019 18:15

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

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.7	11.5

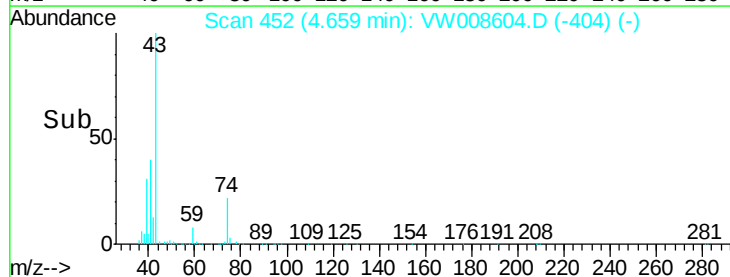
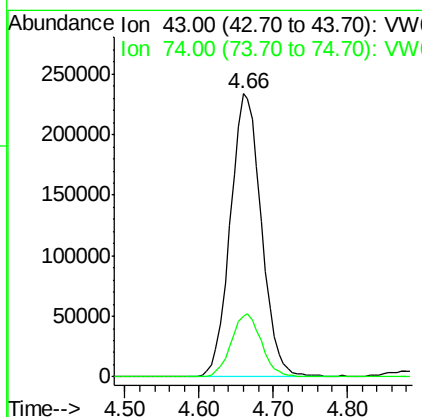
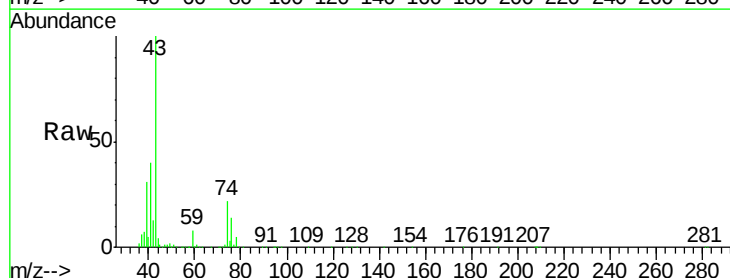
Manual Integrations
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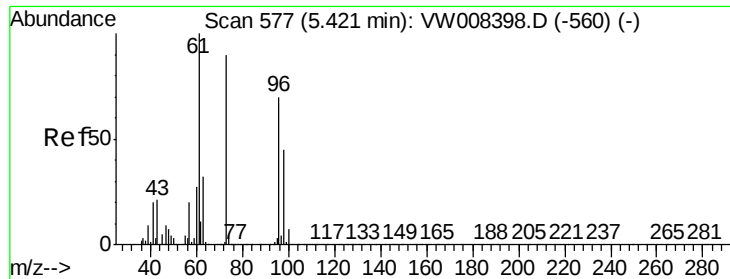
MMDadoda
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#18
Methyl Acetate
Concen: 467.208 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.01 min
Lab File: VW008604.D
Acq: 11 Feb 2019 18:15

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.9	17.5	26.3





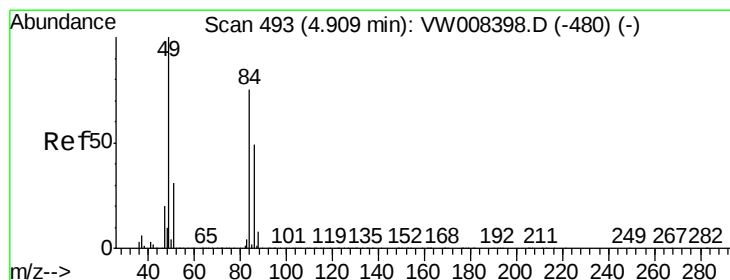
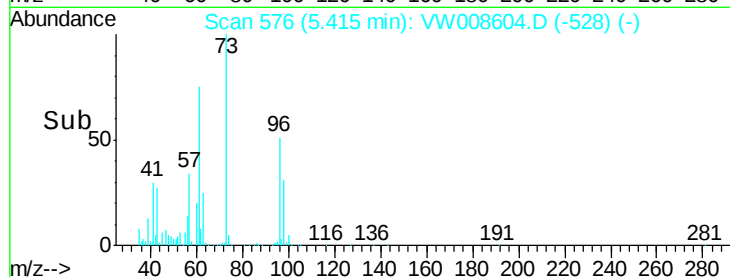
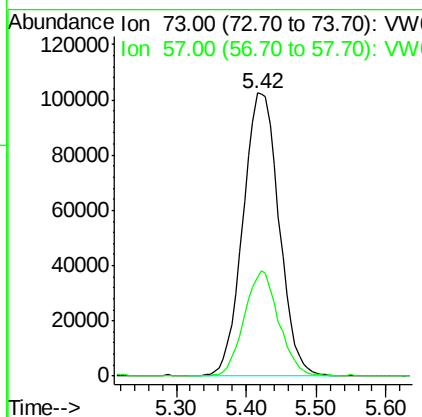
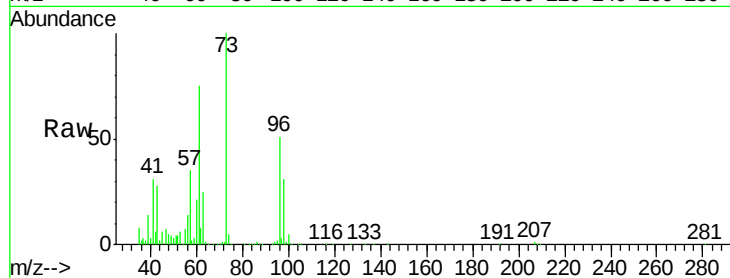
#19
Methyl tert-butyl Ether
Concen: 98.044 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW008604.D
Acq: 11 Feb 2019 18:15

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

Tot Ion: 73 Resp: 367452
Ion Ratio Lower Upper
73 100
57 34.8 18.0 27.0#

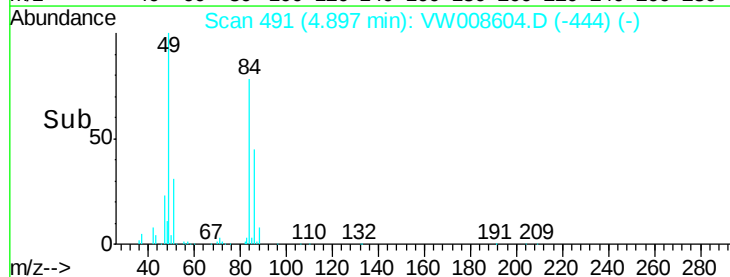
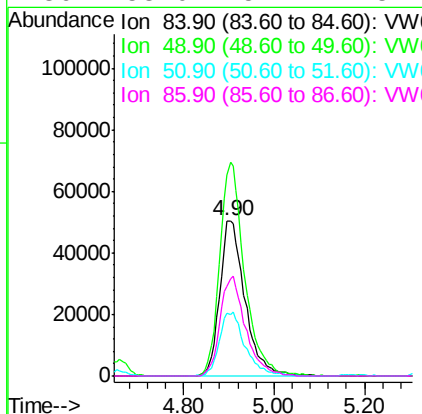
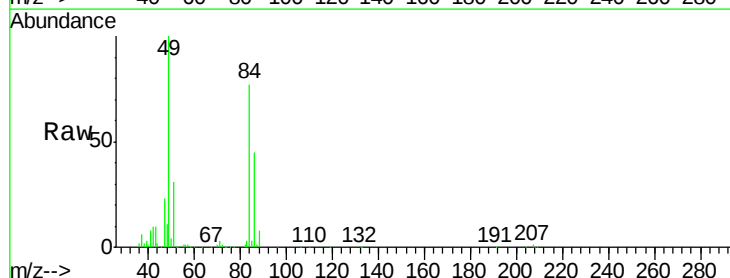
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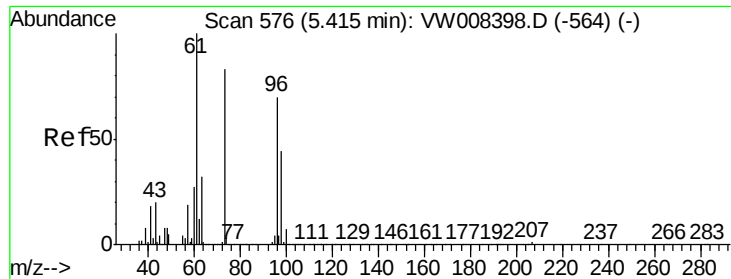
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#20
Methylene Chloride
Concen: 77.306 ug/l
RT: 4.90 min Scan# 491
Delta R.T. -0.01 min
Lab File: VW008604.D
Acq: 11 Feb 2019 18:15

Tgt Ion: 84 Resp: 194529
Ion Ratio Lower Upper
84 100
49 129.2 106.8 160.2
51 40.0 32.9 49.3
86 58.0 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 62.825 ug/l

RT: 5.41 min Scan# 575

Delta R.T. -0.01 min

Lab File: VW008604.D

Acq: 11 Feb 2019 18:15

Instrument :

MSVOA_W

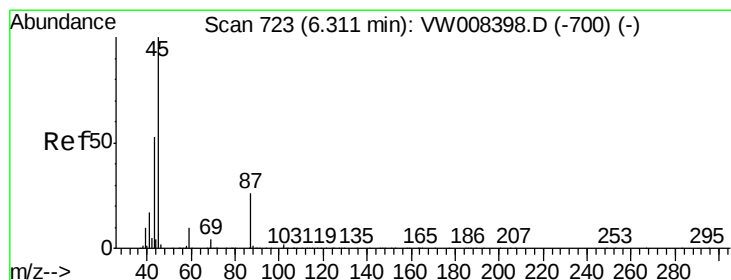
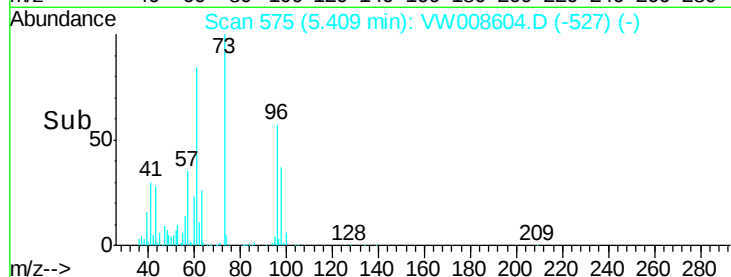
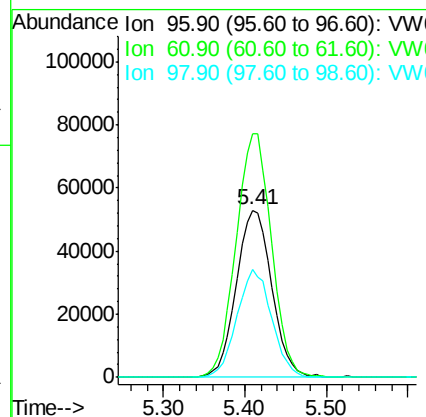
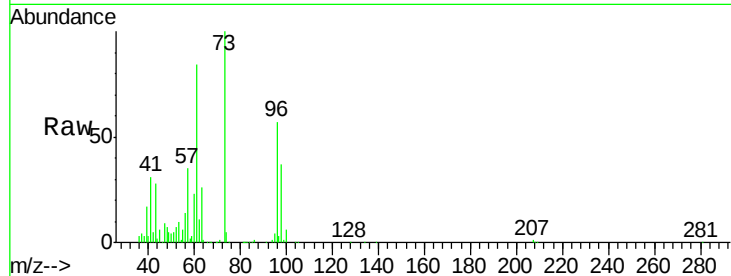
ClientSampleId :

SB-10(0-5)MS

Tot Ion:	96	Resp:	159990
Ion	Ratio	Lower	Upper
96	100		
61	145.8	114.4	171.6
98	64.3	50.6	75.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 73.334 ug/l

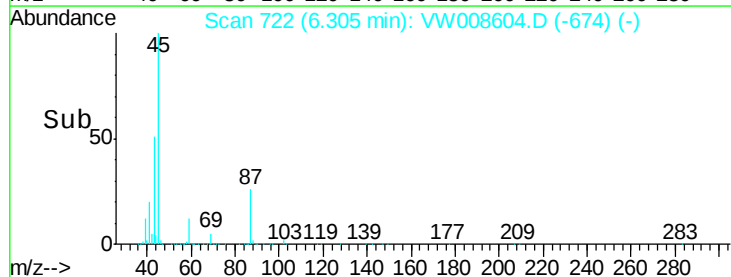
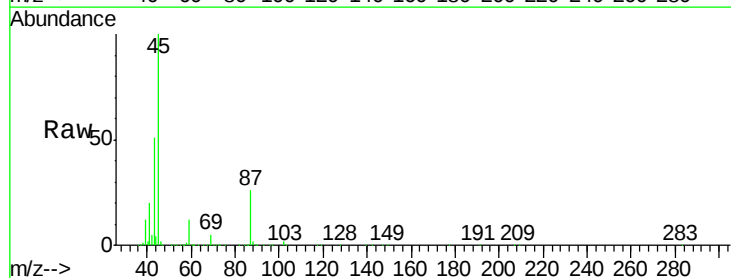
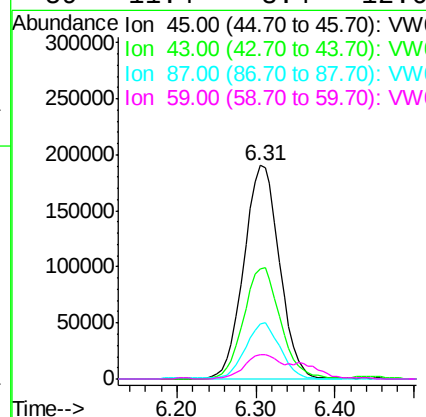
RT: 6.31 min Scan# 722

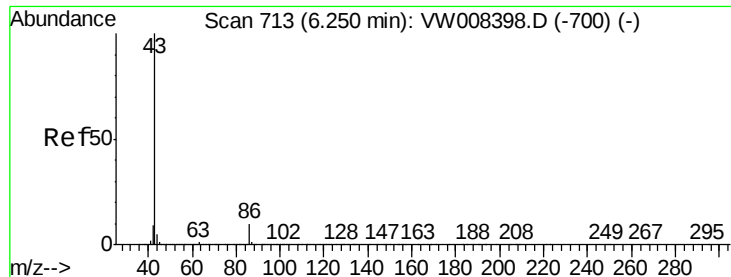
Delta R.T. -0.01 min

Lab File: VW008604.D

Acq: 11 Feb 2019 18:15

Tgt Ion:	45	Resp:	597822
Ion	Ratio	Lower	Upper
45	100		
43	51.1	42.6	63.8
87	25.6	20.3	30.5
59	11.4	8.4	12.6





#23

Vinyl Acetate

Concen: 66.727 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.06 min

Lab File: VW008604.D

Acq: 11 Feb 2019 18:15

Instrument :

MSVOA_W

ClientSampleId :

SB-10(0-5)MS

Tot Ion: 43 Resp: 321197

Ion Ratio Lower Upper

43 100

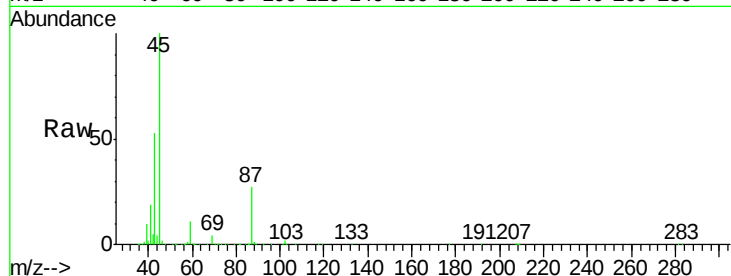
86 0.2 7.8 11.8#

Manual Integrations

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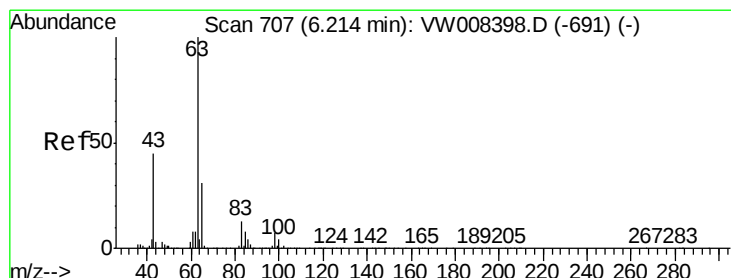
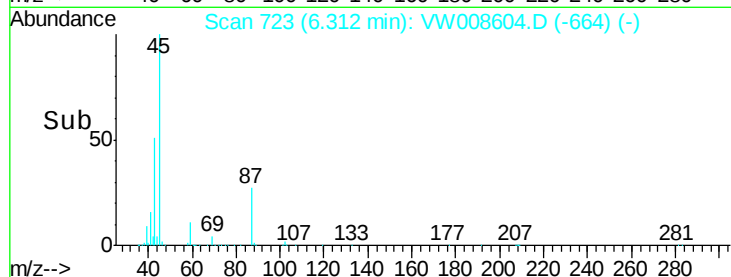
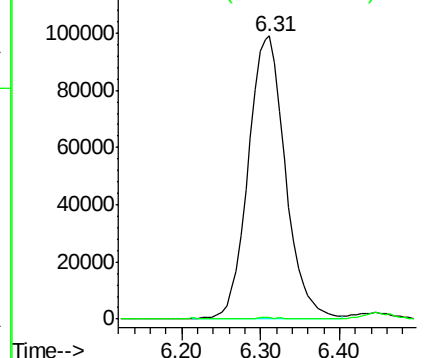
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 71.811 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW008604.D

Acq: 11 Feb 2019 18:15

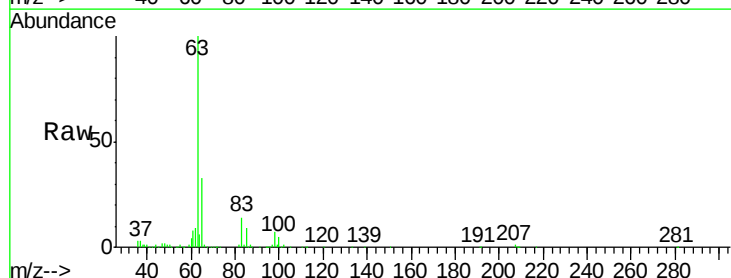
Tgt Ion: 63 Resp: 331364

Ion Ratio Lower Upper

63 100

98 6.6 3.5 10.5

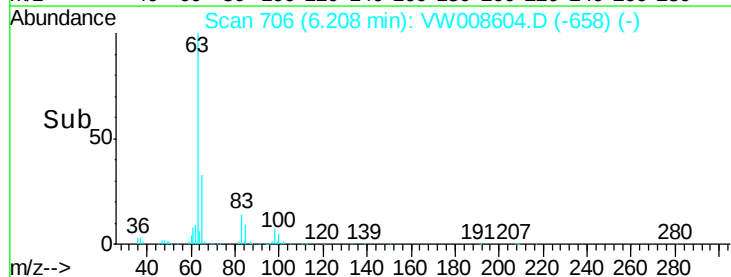
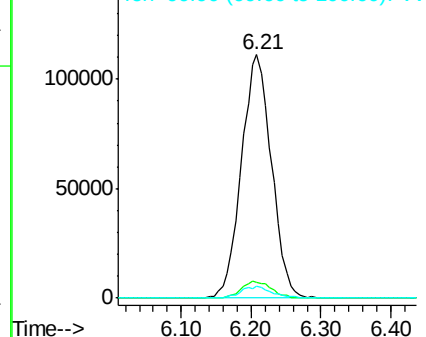
100 4.8 2.1 6.2

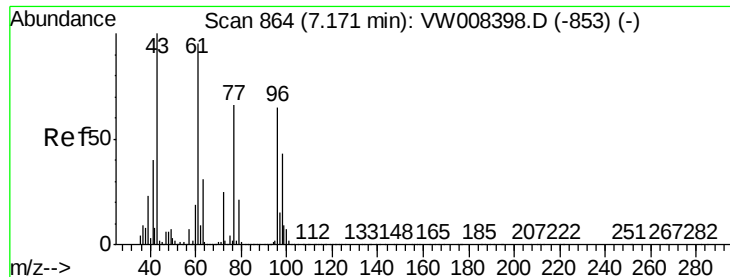


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 578.340 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW008604.D

Acq: 11 Feb 2019 18:15

Instrument :

MSVOA_W

ClientSampleId :

SB-10(0-5)MS

Tot Ion: 43 Resp: 438571

Ion Ratio Lower Upper

43 100

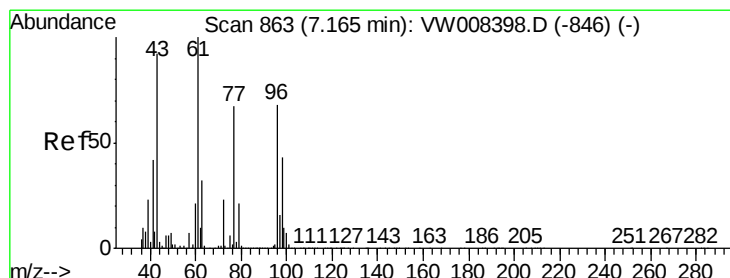
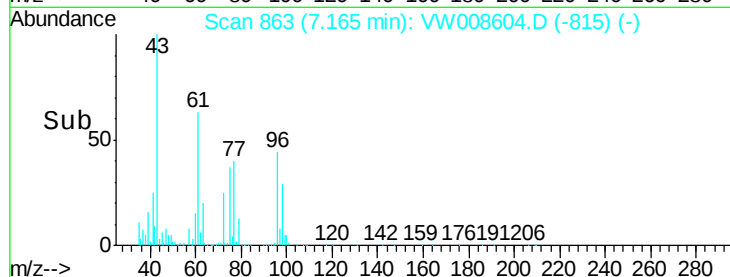
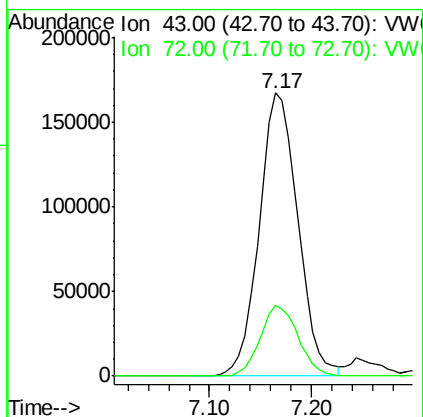
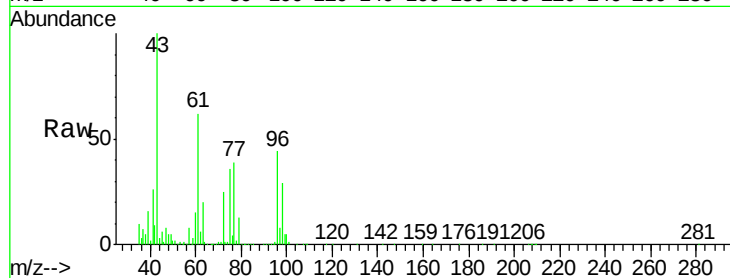
72 25.1 20.1 30.1

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 63.381 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW008604.D

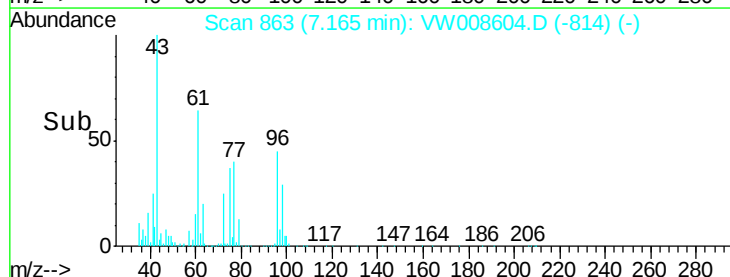
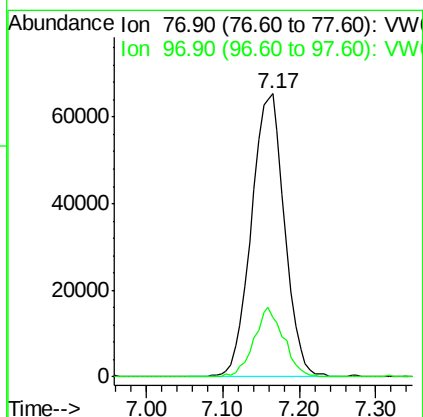
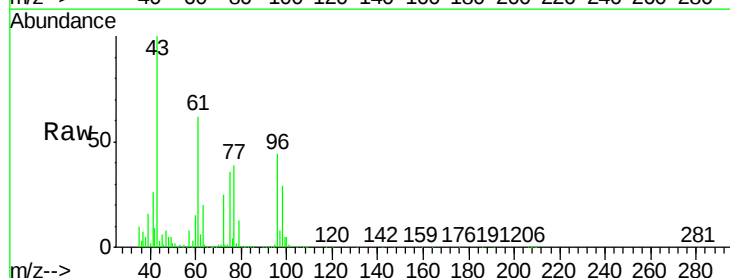
Acq: 11 Feb 2019 18:15

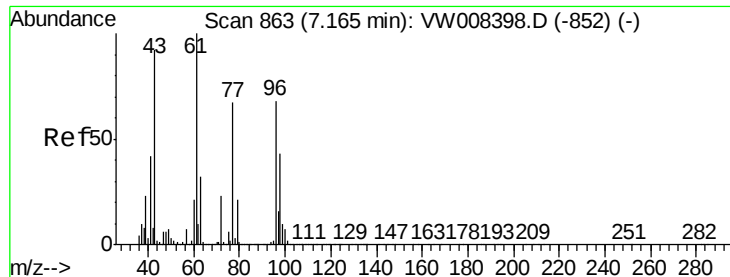
Tgt Ion: 77 Resp: 197689

Ion Ratio Lower Upper

77 100

97 21.7 11.5 34.5





#27

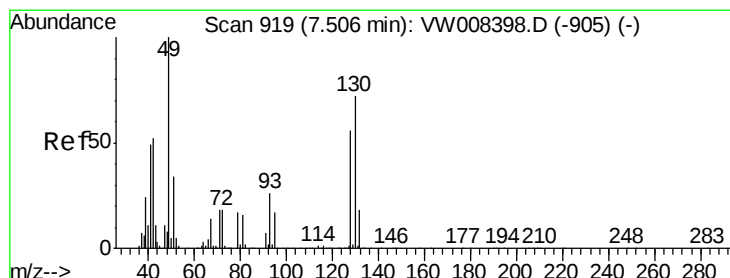
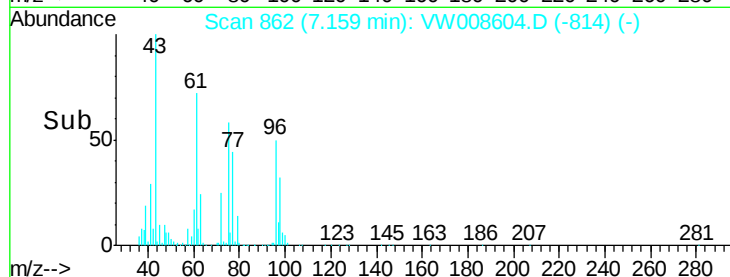
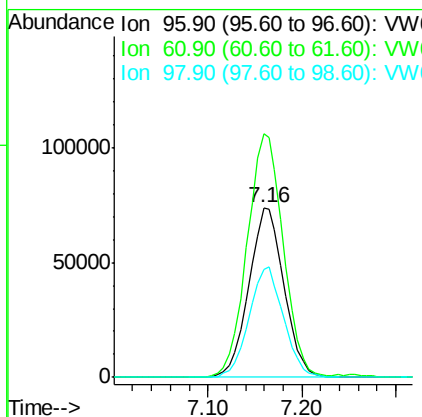
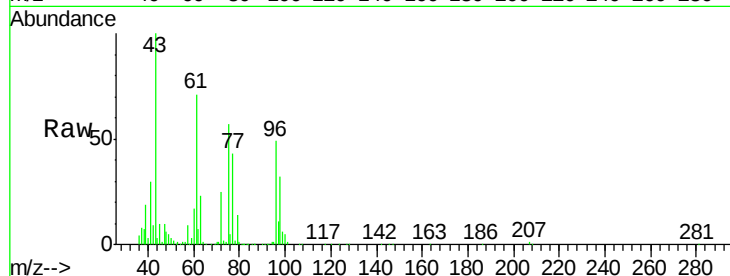
cis-1,2-Dichloroethene
Concen: 69.327 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW008604.D
Acq: 11 Feb 2019 18:15

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

Tot Ion	Ratio	Resp	Lower	Upper
96	100	192409		
61	148.3	0.0	292.8	
98	64.2	0.0	129.2	

Manual Integrations
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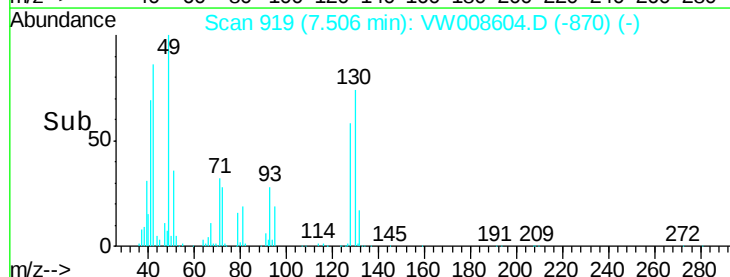
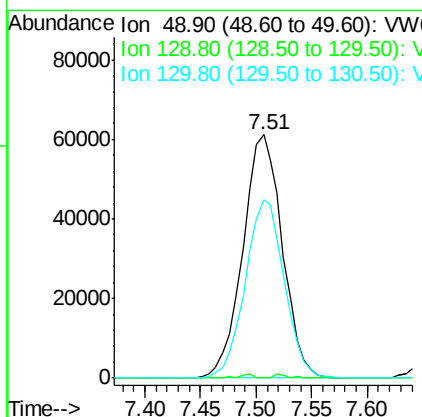
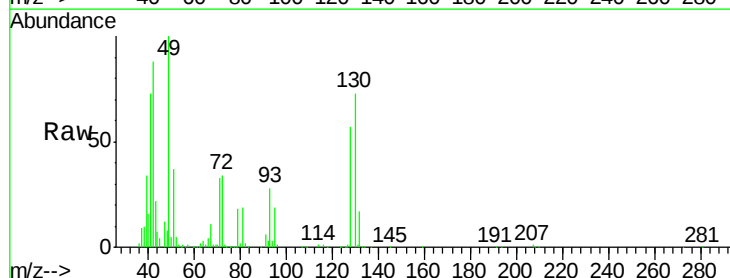
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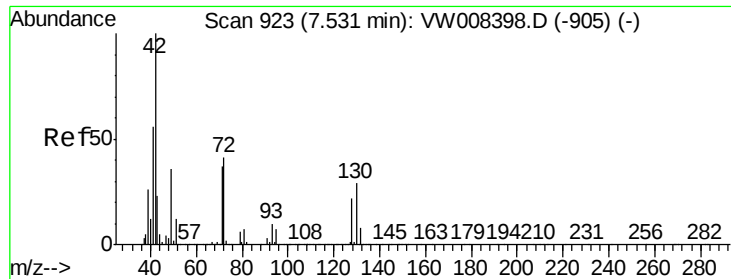


#28

Bromochloromethane
Concen: 70.948 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW008604.D
Acq: 11 Feb 2019 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	150368		
129	0.6	0.0	4.6	
130	72.8	58.6	87.8	





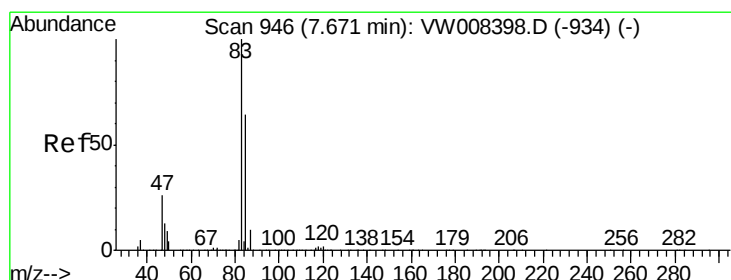
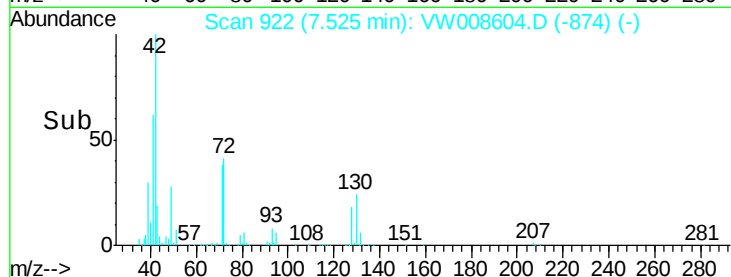
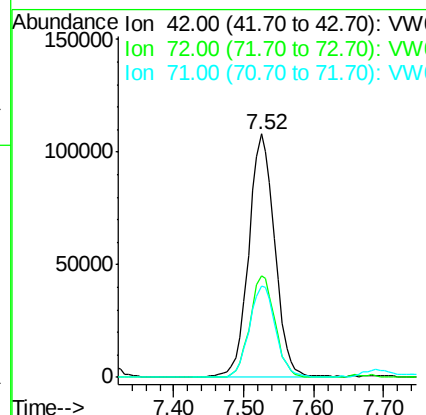
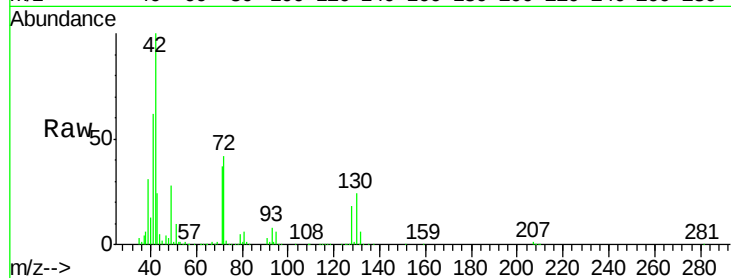
#29
Tetrahydrofuran
Concen: 576.894 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW008604.D
Acq: 11 Feb 2019 18:15

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

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.7	31.9	47.9
71	38.2	29.9	44.9

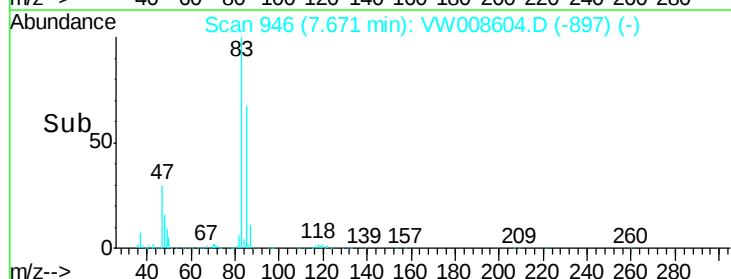
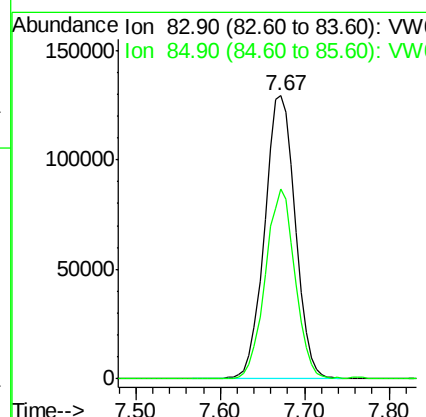
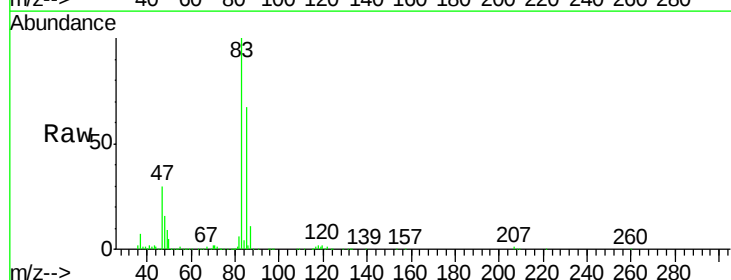
Manual Integrations
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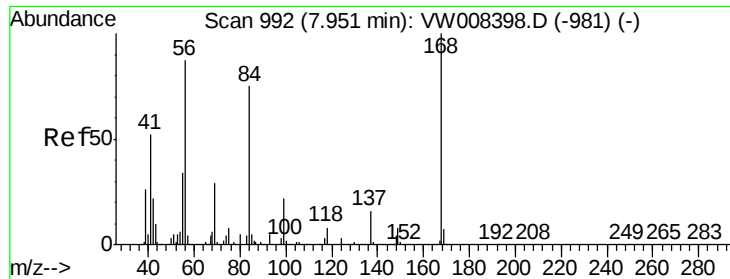
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#30
Chloroform
Concen: 71.351 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW008604.D
Acq: 11 Feb 2019 18:15

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.2	50.9	76.3





#31

Cyclohexane

Concen: 28.850 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW008604.D

Acq: 11 Feb 2019 18:15

Instrument :

MSVOA_W

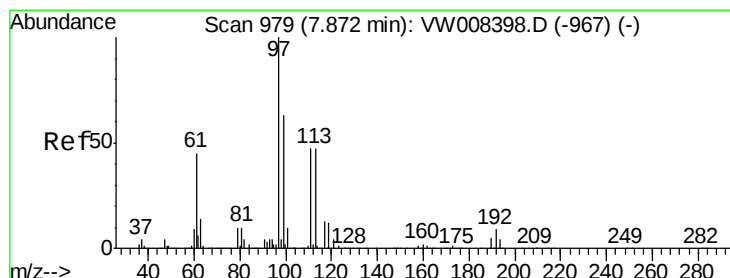
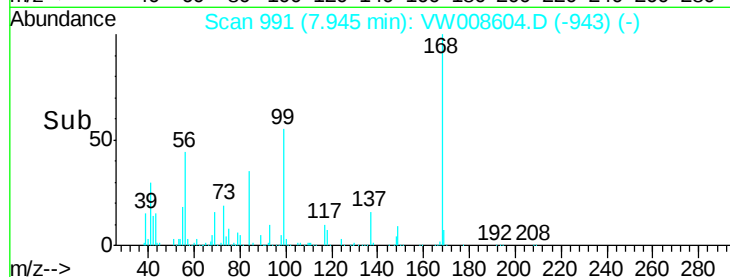
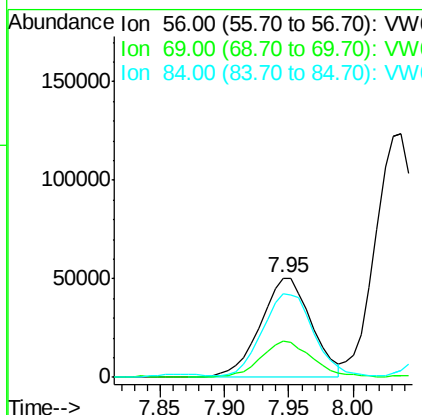
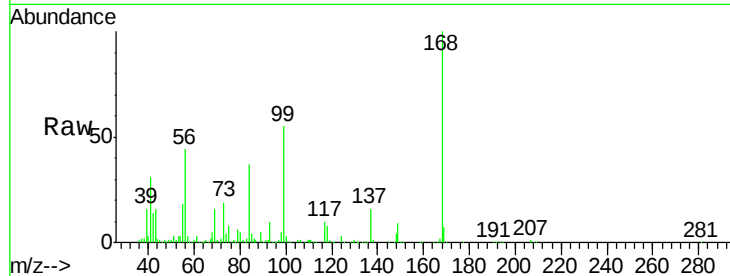
ClientSampleId :

SB-10(0-5)MS

Tot Ion:	56	Resp:	137656
Ion	Ratio	Lower	Upper
56	100		
69	36.1	26.4	39.6
84	81.9	69.1	103.7

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 54.244 ug/l

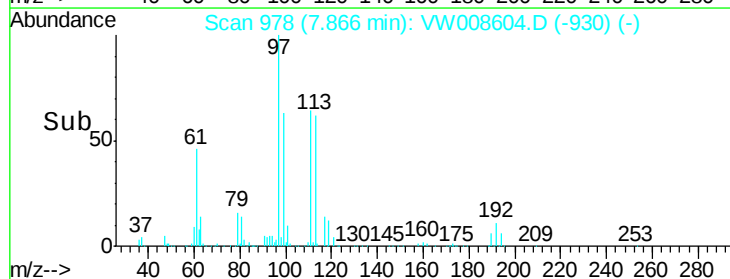
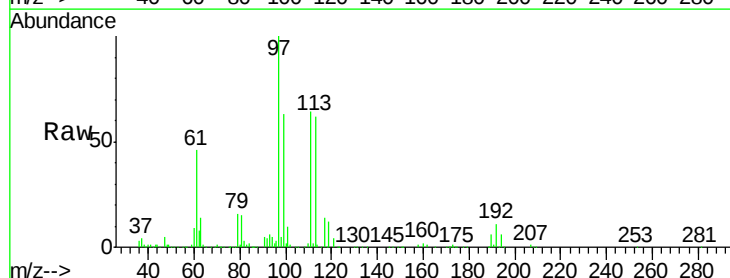
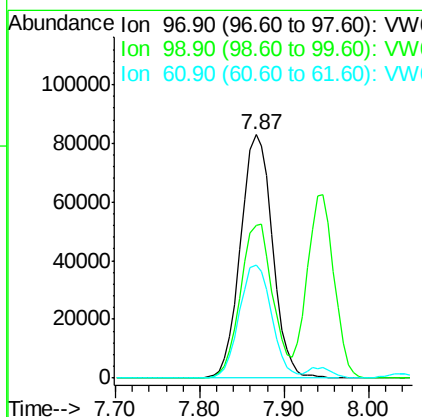
RT: 7.87 min Scan# 978

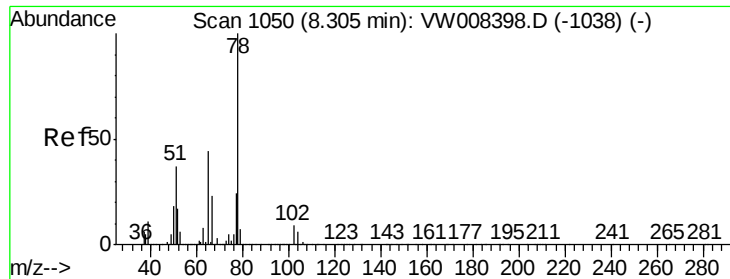
Delta R.T. -0.01 min

Lab File: VW008604.D

Acq: 11 Feb 2019 18:15

Tgt Ion:	97	Resp:	212647
Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.3	76.9
61	46.8	36.2	54.4





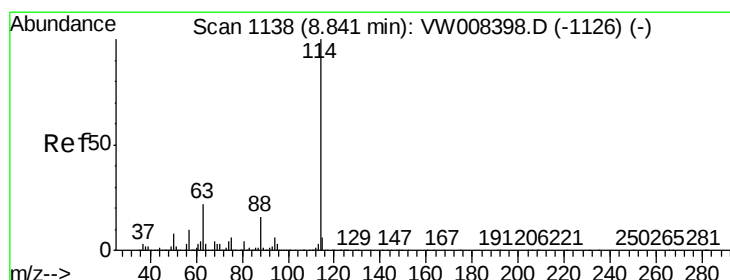
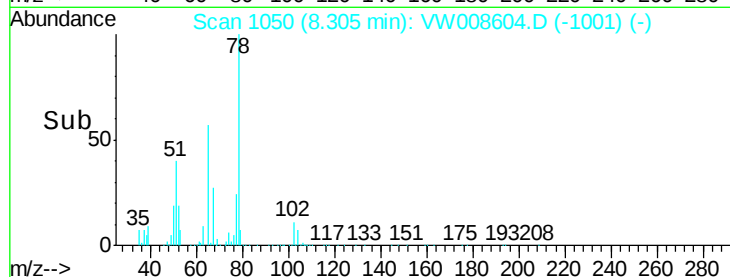
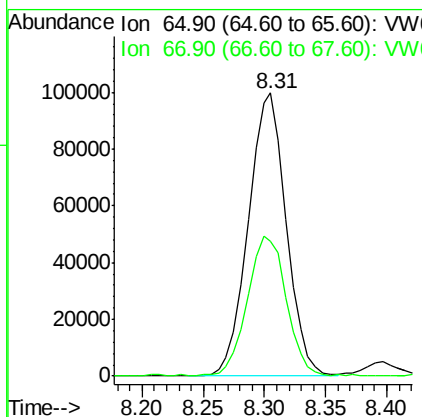
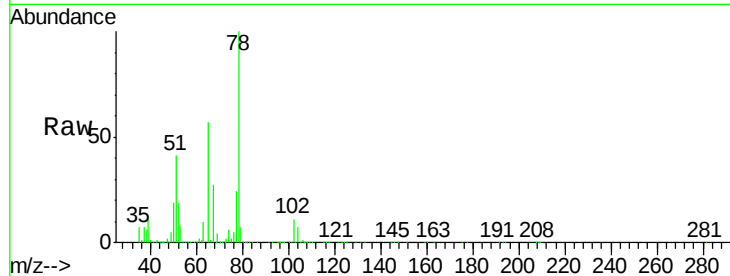
#33
 1,2-Dichloroethane-d4
 Concen: 88.496 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008604.D
 Acq: 11 Feb 2019 18:15

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

Tot Ion	Ratio	Resp	Lower	Upper
65	100	215150		
67	50.3	0.0	104.0	

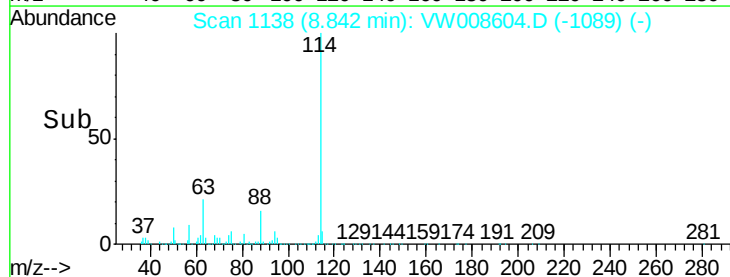
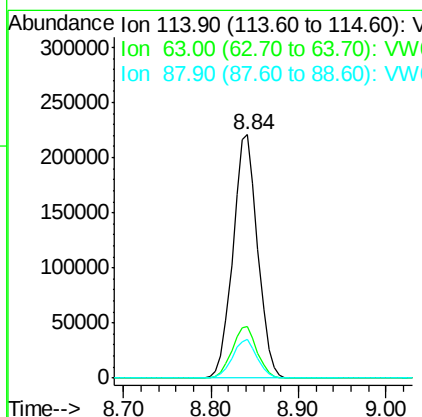
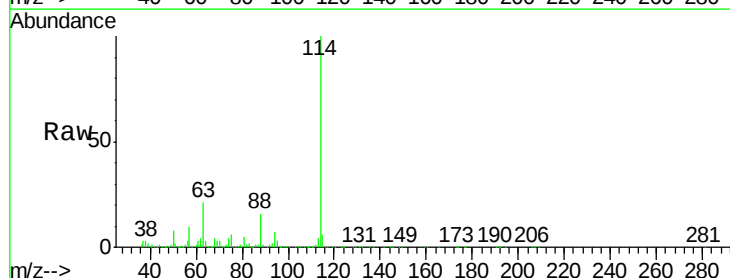
Manual Integrations
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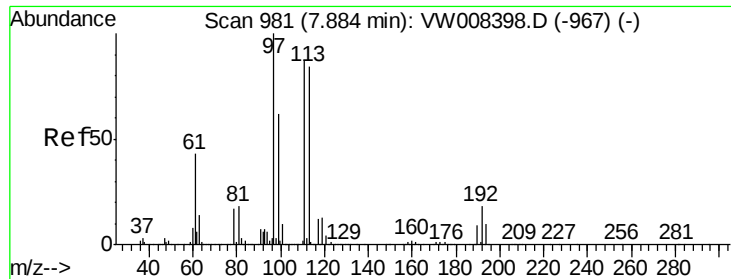
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008604.D
 Acq: 11 Feb 2019 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	433967		
63	21.0	0.0	43.6	
88	15.8	0.0	31.8	





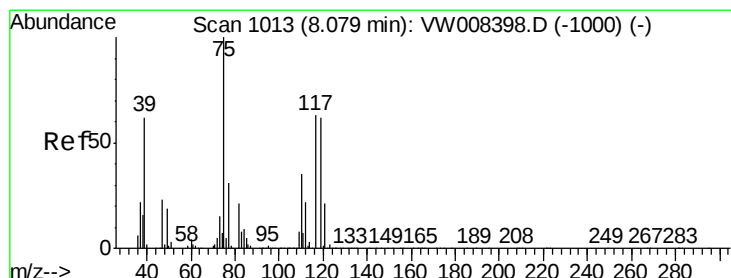
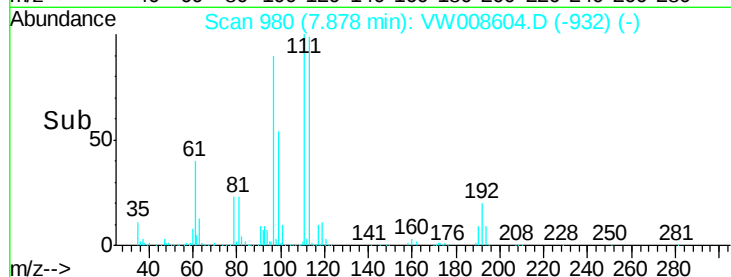
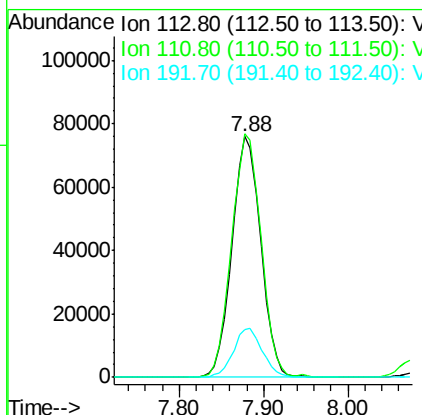
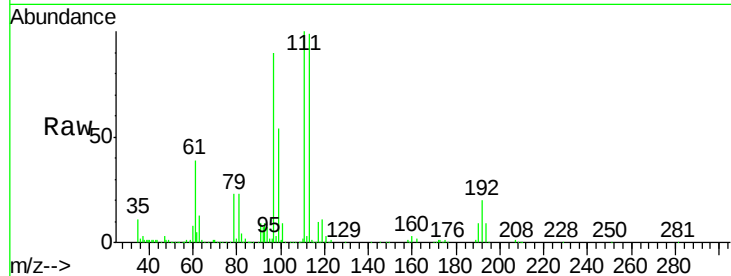
#35
 Dibromofluoromethane
 Concen: 69.176 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW008604.D
 Acq: 11 Feb 2019 18:15

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

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.0	121.4
192	20.1	16.8	25.2

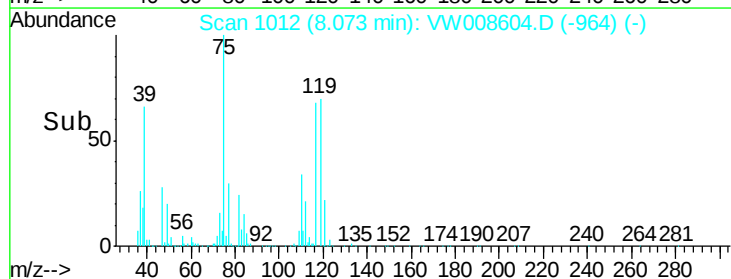
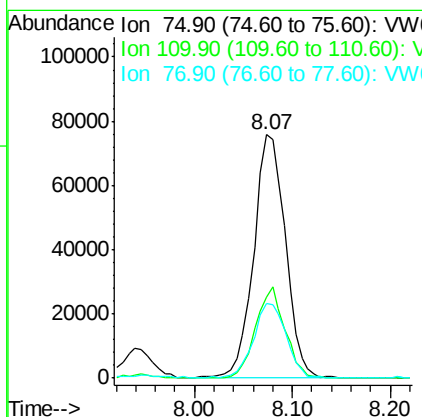
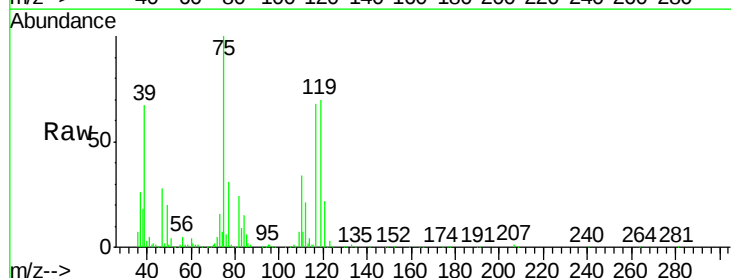
Manual Integrations
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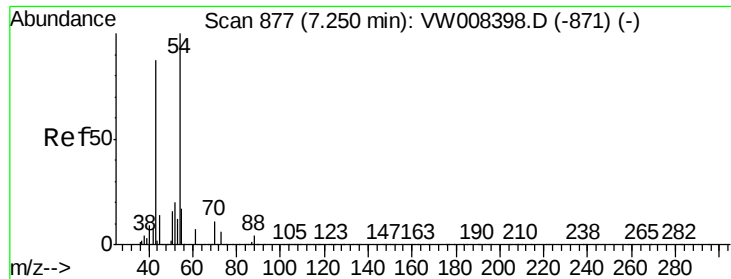
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#36
 1,1-Dichloropropene
 Concen: 41.526 ug/l
 RT: 8.07 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: VW008604.D
 Acq: 11 Feb 2019 18:15

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.0	17.3	52.0
77	31.7	24.7	37.1





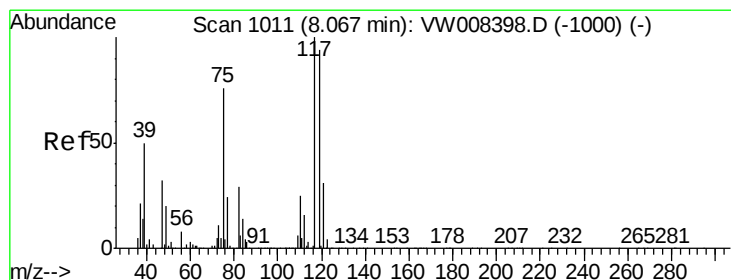
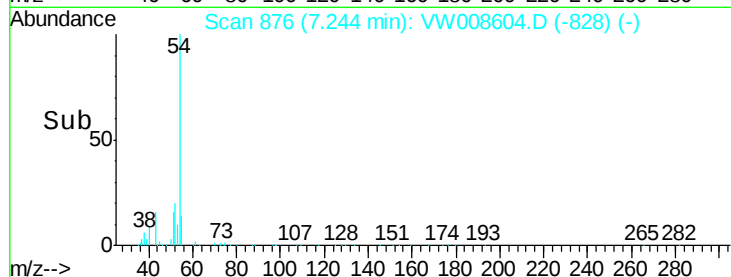
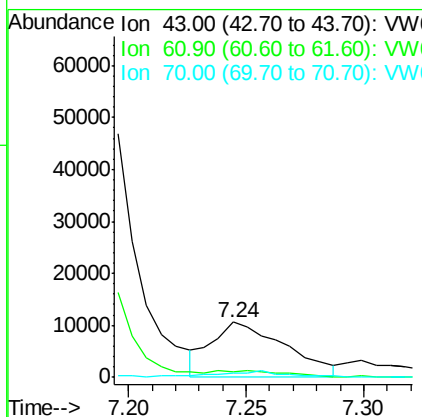
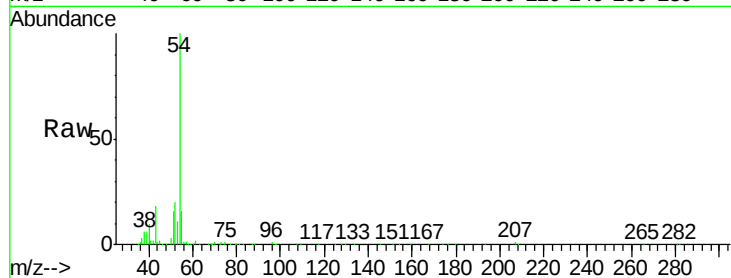
#37
Ethyl Acetate
Concen: 12.920 ug/l m
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: VW008604.D
Acq: 11 Feb 2019 18:15

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

Tot Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.1	15.1#
70	11.8	7.8	11.6#

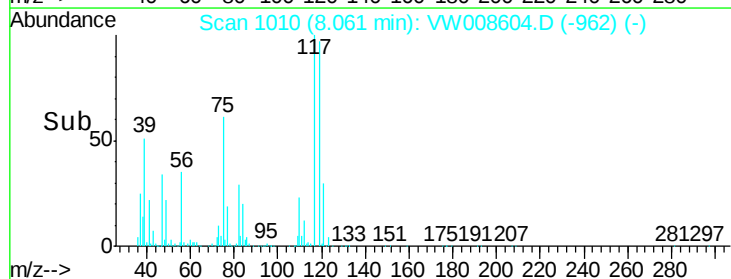
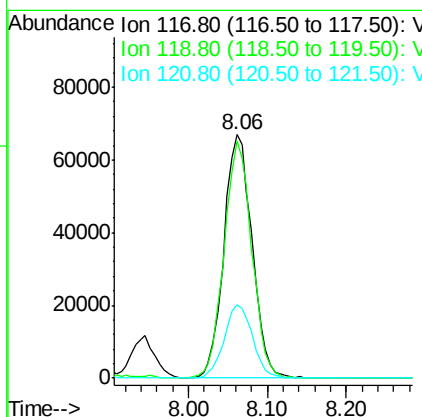
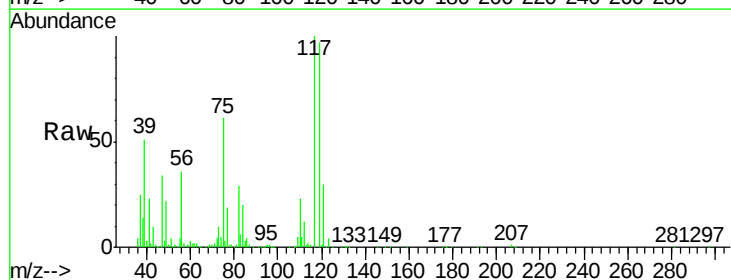
Manual Integrations
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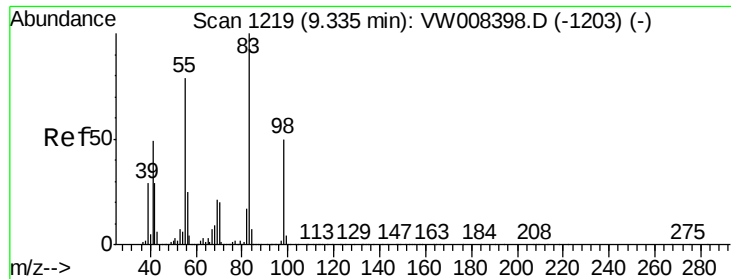
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#38
Carbon Tetrachloride
Concen: 40.277 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW008604.D
Acq: 11 Feb 2019 18:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.4	75.0	112.4
121	30.0	24.9	37.3





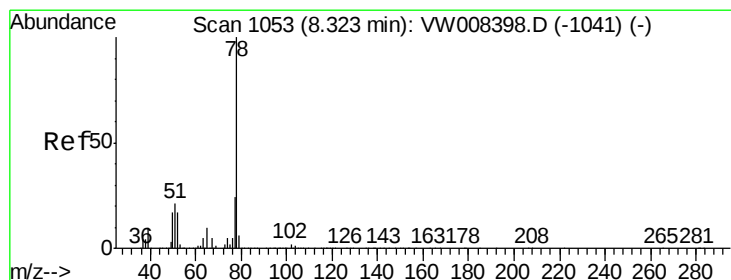
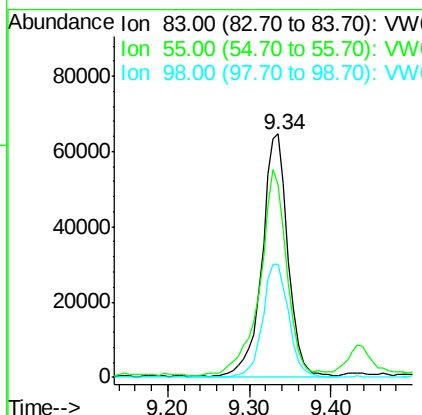
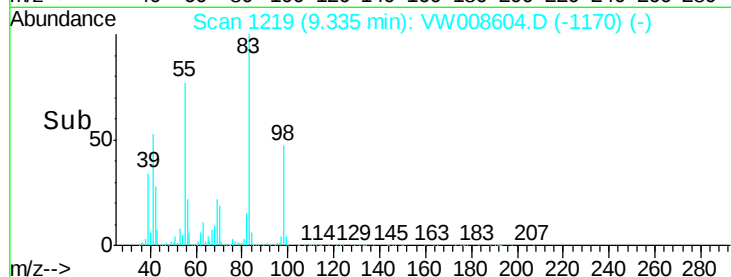
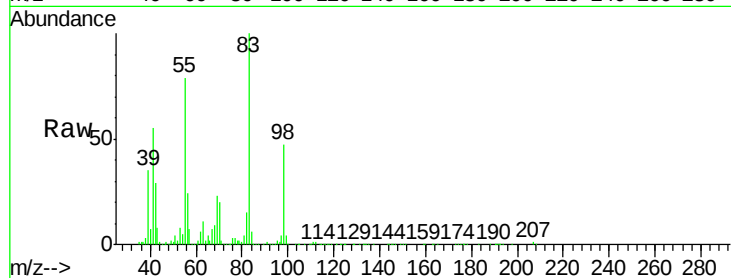
#39
Methvlcvclohexane
Concen: 26.318 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW008604.D
Acq: 11 Feb 2019 18:15

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

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.1	63.3	94.9
98	46.6	39.7	59.5

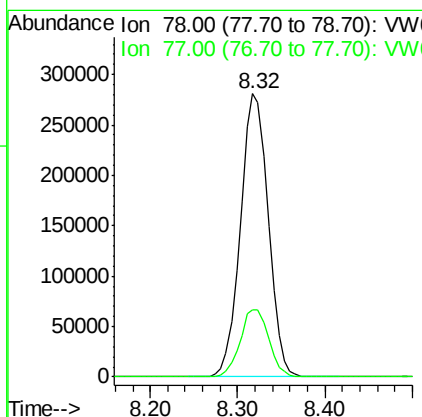
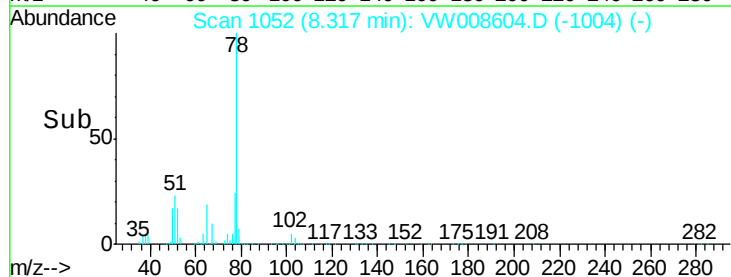
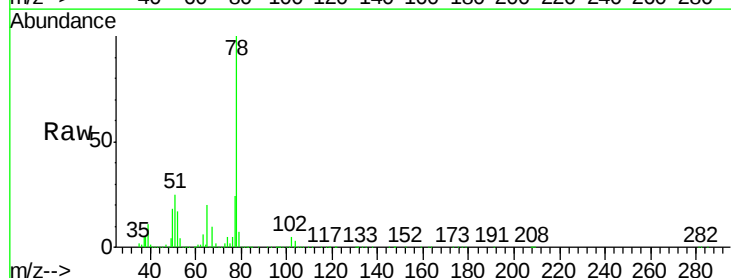
Manual Integrations
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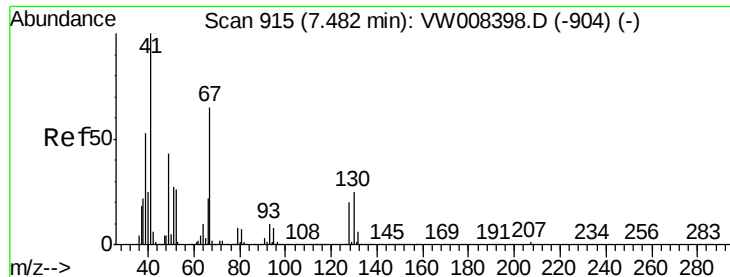
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#40
Benzene
Concen: 54.468 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW008604.D
Acq: 11 Feb 2019 18:15

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.0	28.6





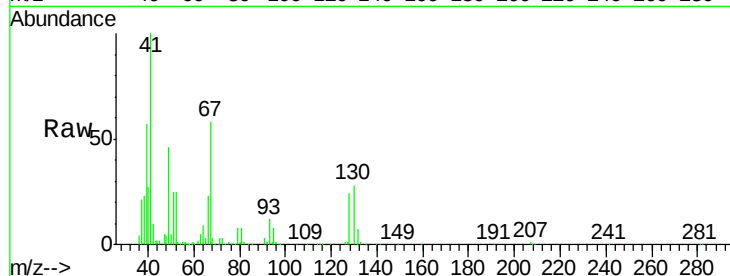
#41
Methacrylonitrile
Concen: 90.294 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW008604.D
Acq: 11 Feb 2019 18:15

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

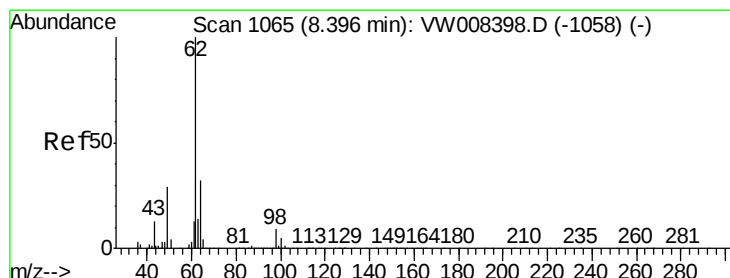
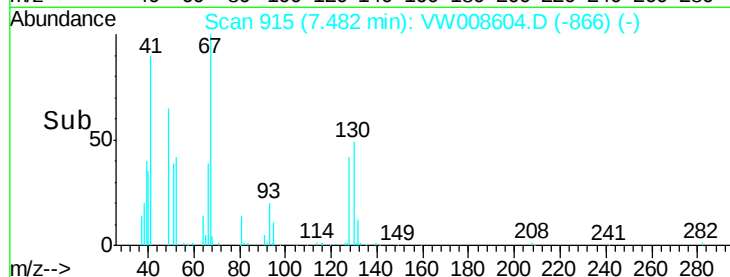
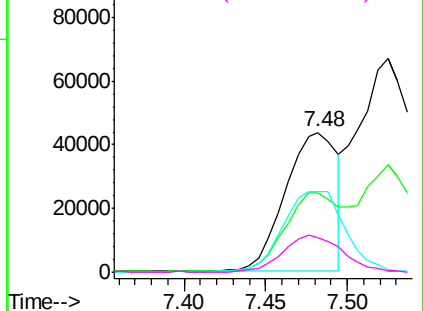
Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		96966		
39	63.9	43.4	65.0		
67	69.8	54.2	81.2		
52	30.3	22.9	34.3		

Manual Integrations
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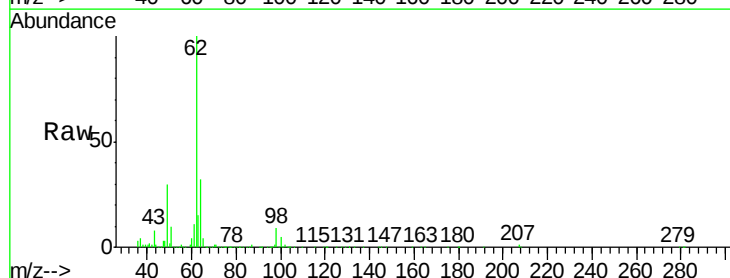


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

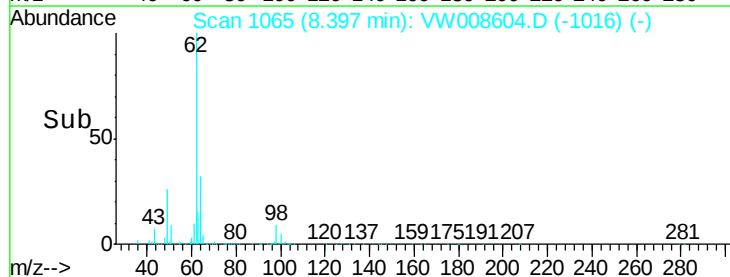
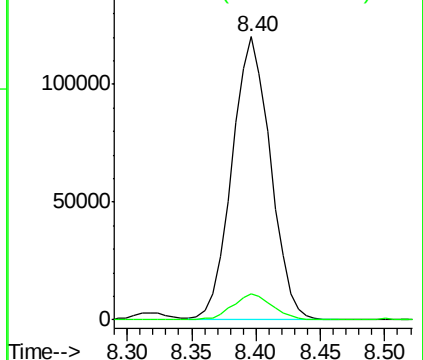


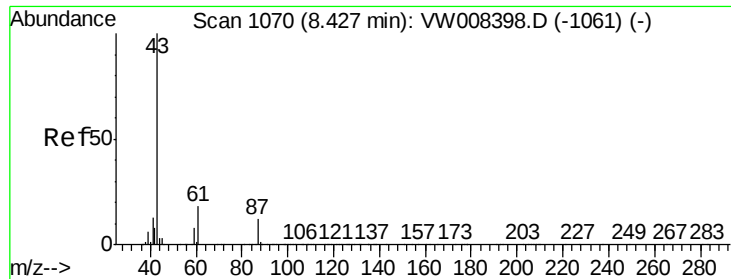
#42
1,2-Dichloroethane
Concen: 75.479 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW008604.D
Acq: 11 Feb 2019 18:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		248812		
98	9.5	0.0	18.6		



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





#43

Isopropyl Acetate

Concen: 31.308 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW008604.D

Acq: 11 Feb 2019 18:15

Instrument :

MSVOA_W

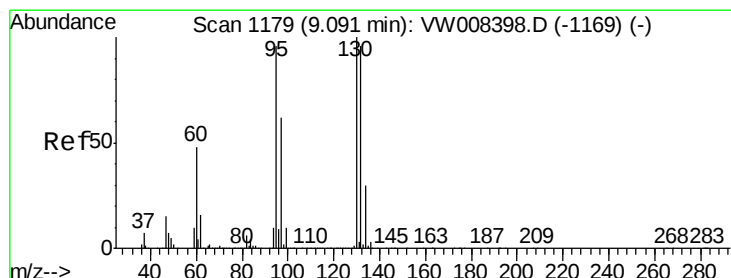
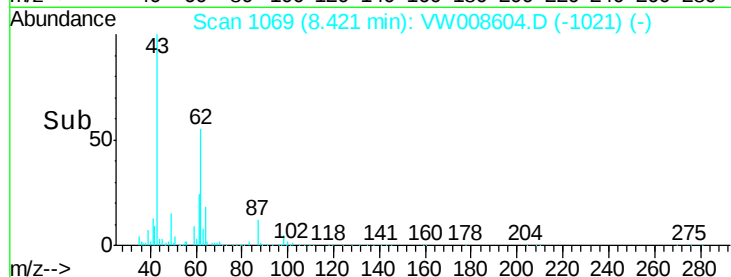
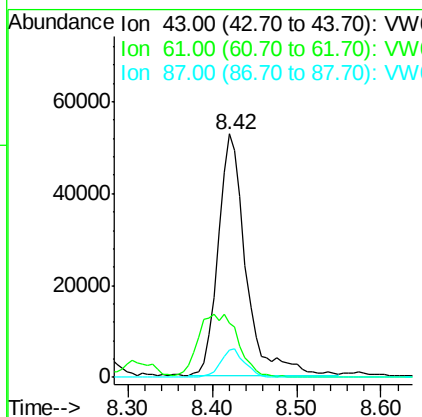
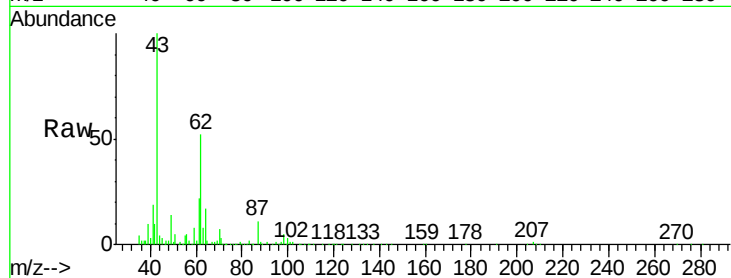
ClientSampleId :

SB-10(0-5)MS

Tot Ion:	43	Resp:	117966
Ion Ratio	Lower	Upper	
43	100		
61	0.0	22.0	33.0#
87	10.1	9.3	13.9

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#44

Trichloroethene

Concen: 42.395 ug/l

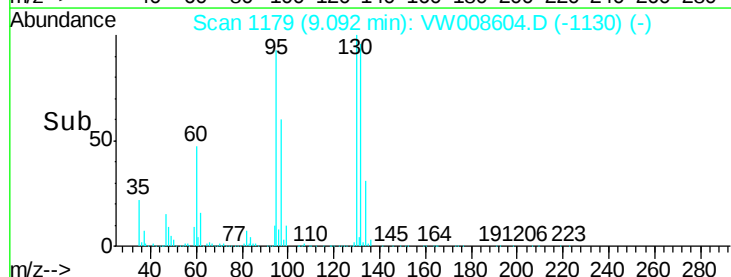
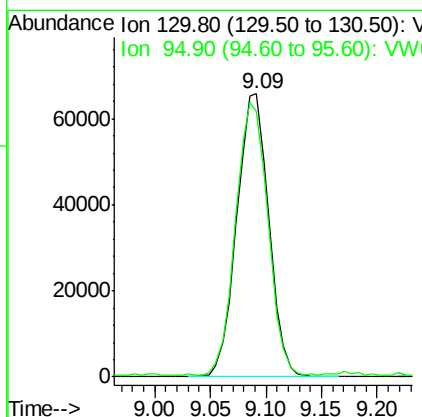
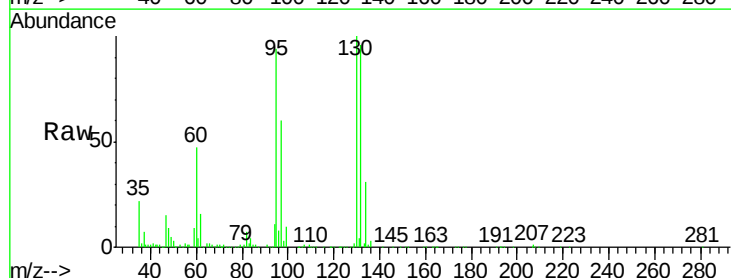
RT: 9.09 min Scan# 1179

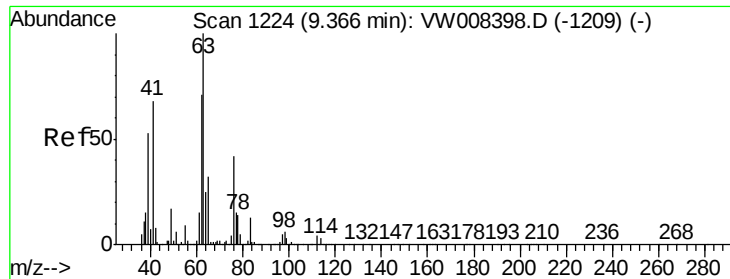
Delta R.T. 0.00 min

Lab File: VW008604.D

Acq: 11 Feb 2019 18:15

Tgt Ion:	130	Resp:	131137
Ion Ratio	Lower	Upper	
130	100		
95	92.6	0.0	191.6





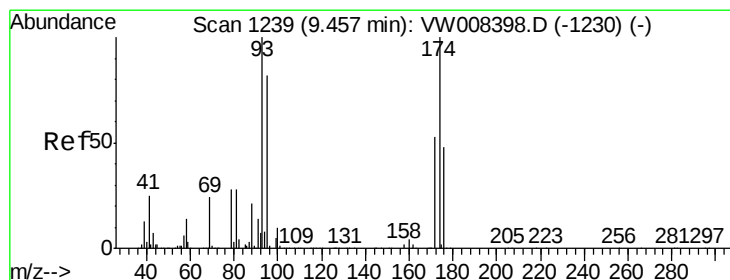
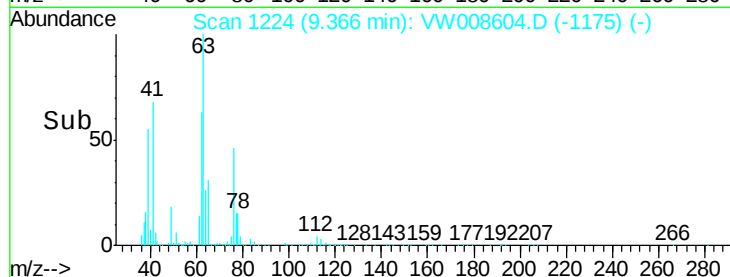
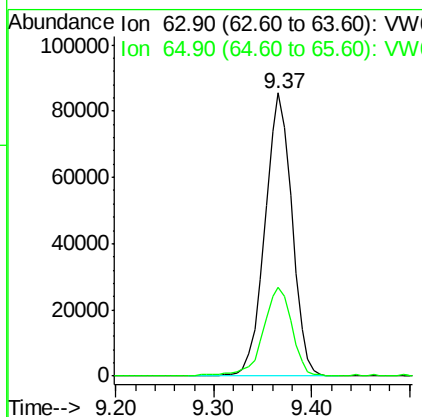
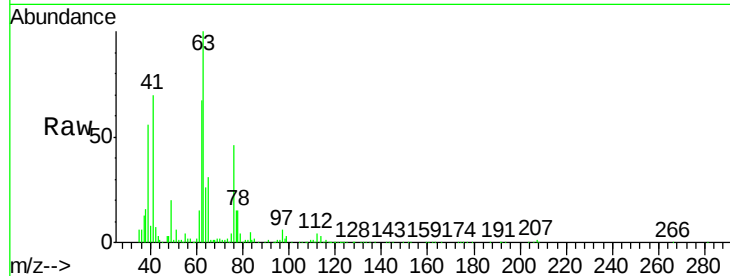
#45
 1,2-Dichloropropane
 Concen: 57.863 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW008604.D
 Acq: 11 Feb 2019 18:15

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

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.2	25.2	37.8

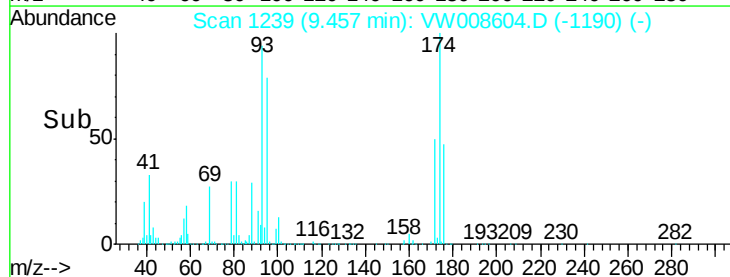
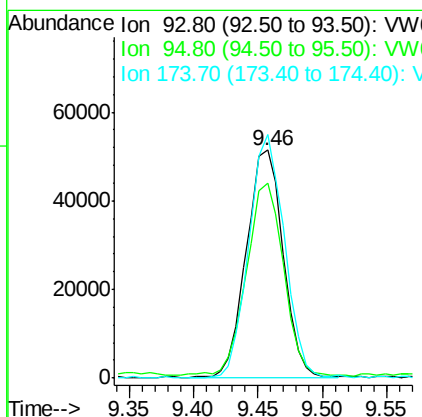
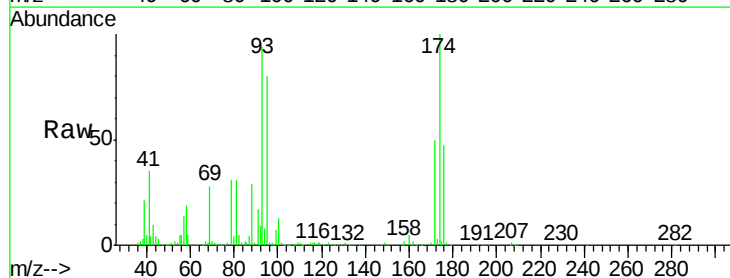
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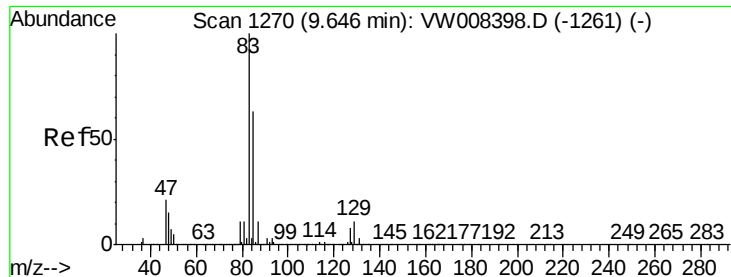
MMDadoda
 2/12/2019 1:43:16 PM



#46
 Dibromomethane
 Concen: 69.226 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW008604.D
 Acq: 11 Feb 2019 18:15

Tgt Ion	Ratio	Lower	Upper
93	100		
95	86.3	65.9	98.9
174	104.1	81.0	121.6





#47

Bromodichloromethane

Concen: 58.251 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW008604.D

Acq: 11 Feb 2019 18:15

Instrument :

MSVOA_W

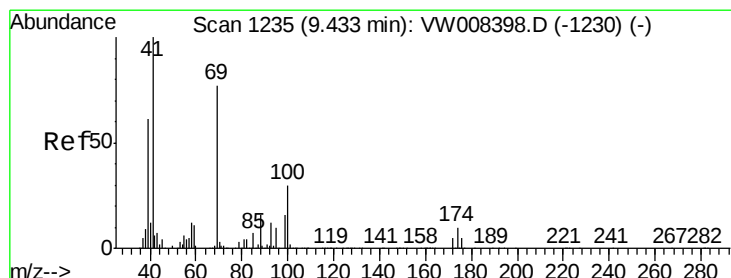
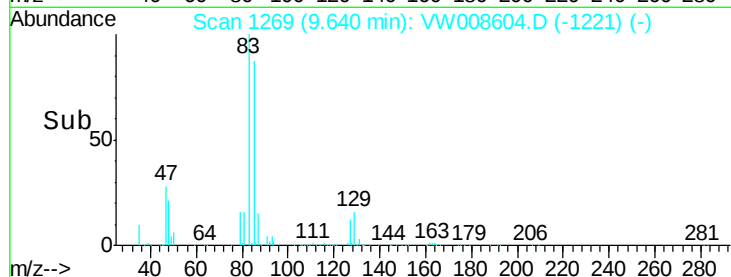
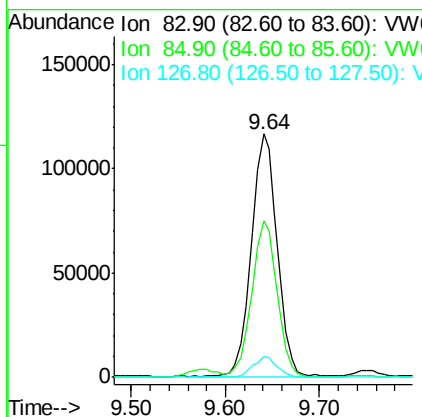
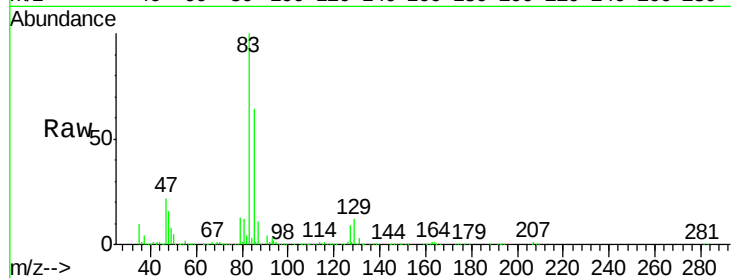
ClientSampleId :

SB-10(0-5)MS

Tot Ion:	83	Resp:	224760
Ion Ratio	Lower	Upper	
83	100		
85	64.4	50.8	76.2
127	8.7	6.8	10.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 115.445 ug/l

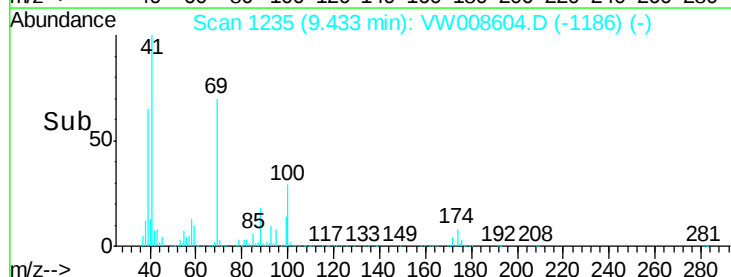
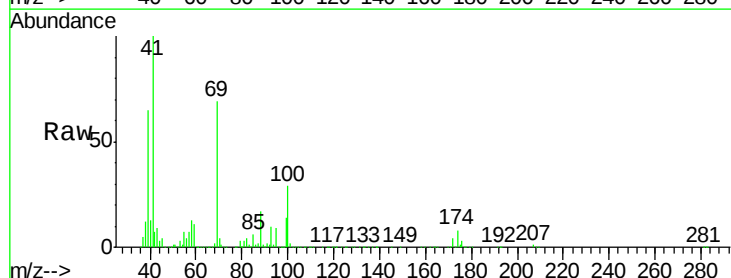
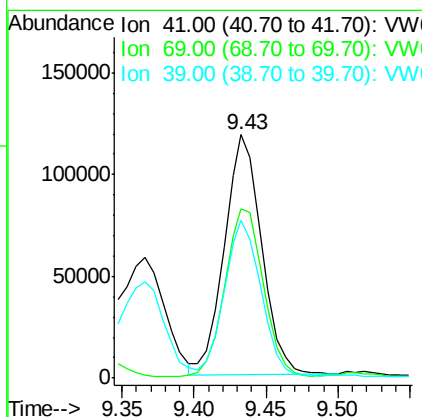
RT: 9.43 min Scan# 1235

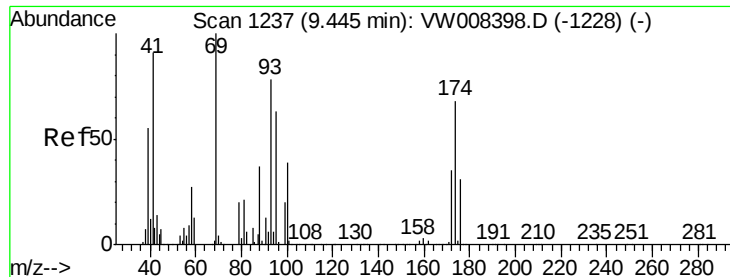
Delta R.T. 0.00 min

Lab File: VW008604.D

Acq: 11 Feb 2019 18:15

Tgt Ion:	41	Resp:	212691
Ion Ratio	Lower	Upper	
41	100		
69	73.0	64.8	97.2
39	63.5	49.1	73.7





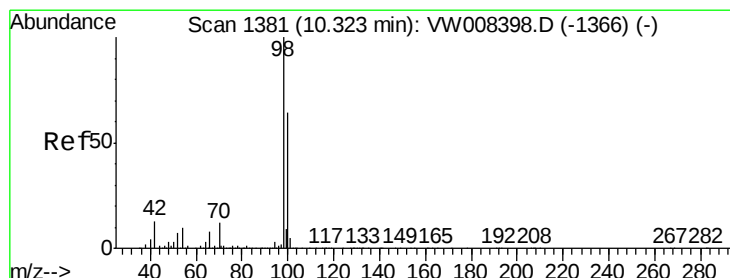
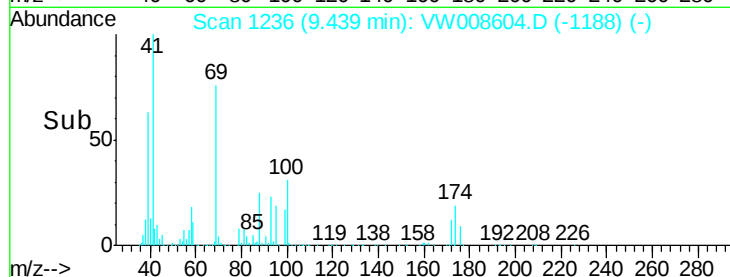
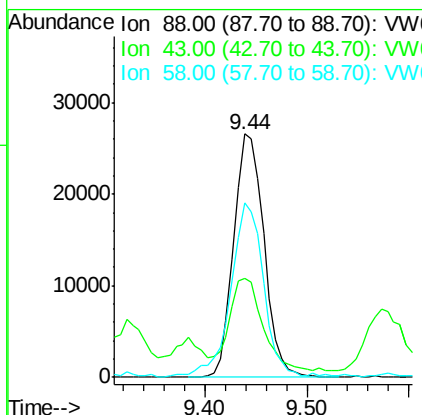
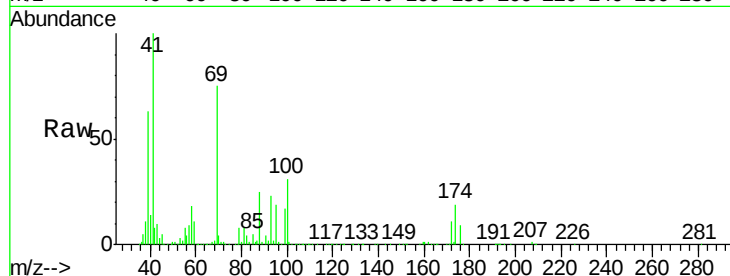
#49
1,4-Dioxane
Concen: 2219.617 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.01 min
Lab File: VW008604.D
Acq: 11 Feb 2019 18:15

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

Tot Ion	Ratio	Lower	Upper
88	100		
43	43.2	29.0	43.4
58	77.9	56.4	84.6

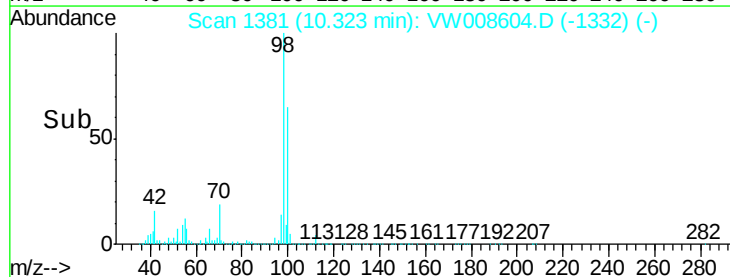
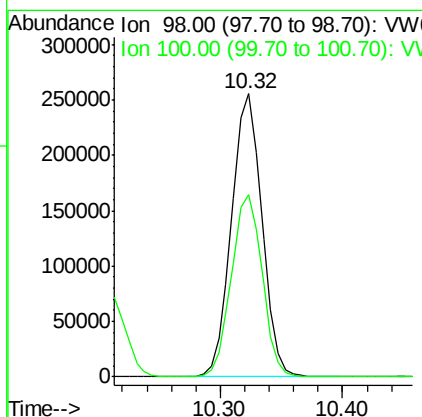
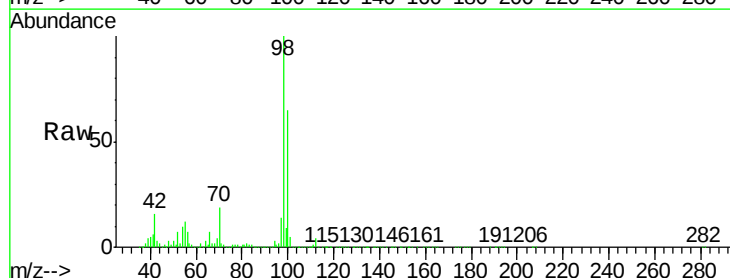
Manual Integrations
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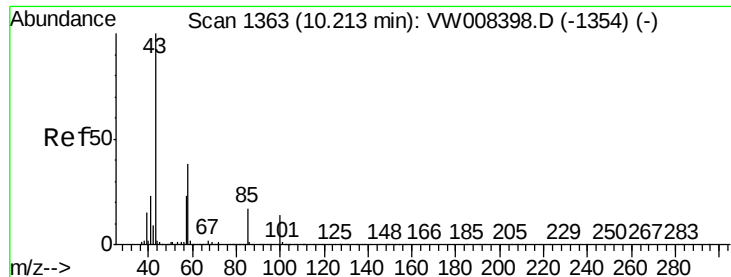
MMDadoda
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#50
Toluene-d8
Concen: 43.244 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008604.D
Acq: 11 Feb 2019 18:15

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.6	78.8





#51

4-Methyl-2-Pentanone

Concen: 478.365 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.01 min

Lab File: VW008604.D

Acq: 11 Feb 2019 18:15

Instrument :

MSVOA_W

ClientSampleId :

SB-10(0-5)MS

Tot Ion: 43 Resp: 890459

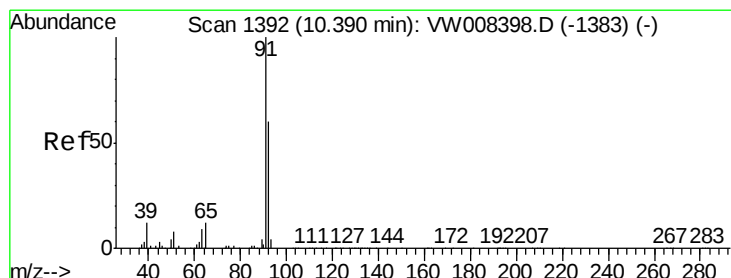
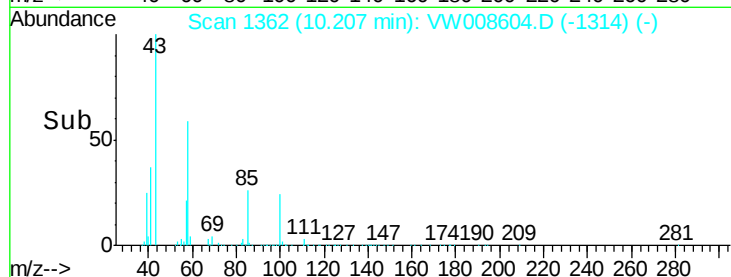
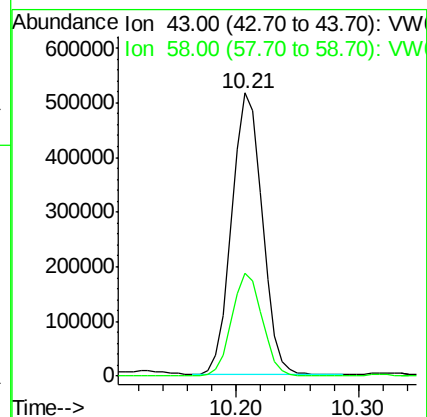
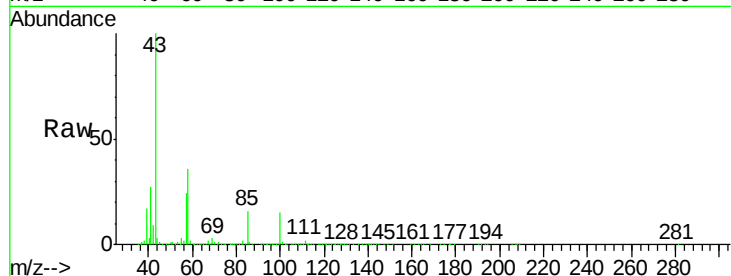
Ion Ratio Lower Upper

43 100

58 36.4 29.7 44.5

Manual Integrations
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#52

Toluene

Concen: 39.753 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW008604.D

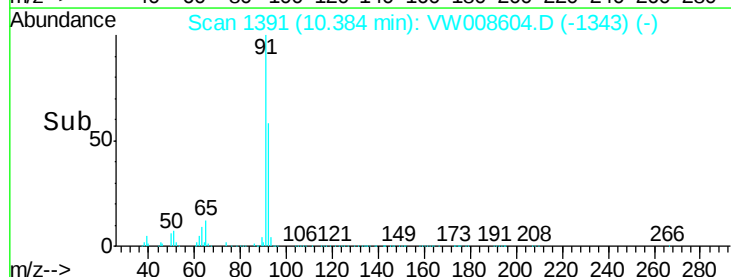
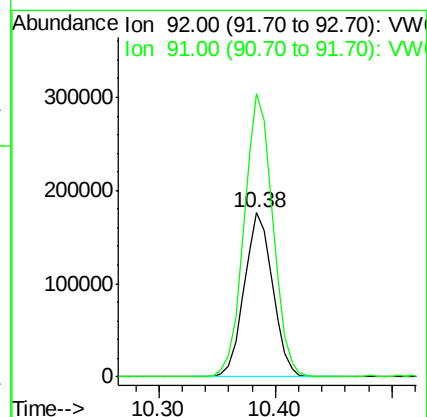
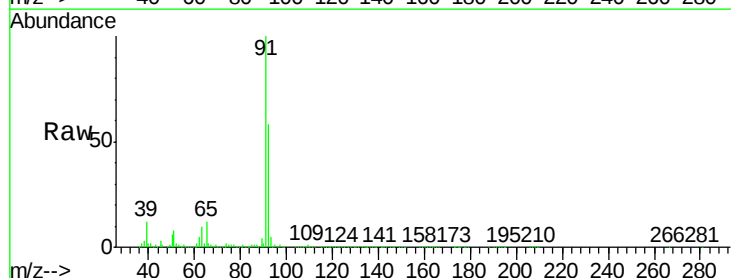
Acq: 11 Feb 2019 18:15

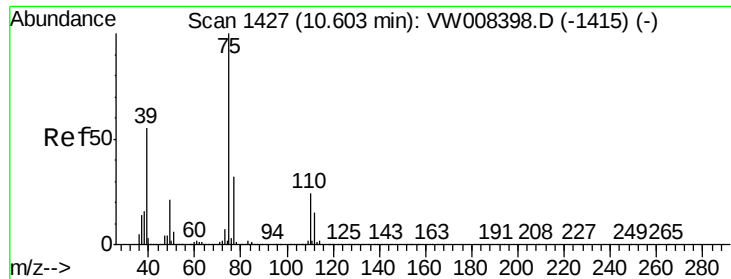
Tgt Ion: 92 Resp: 298499

Ion Ratio Lower Upper

92 100

91 174.2 135.5 203.3





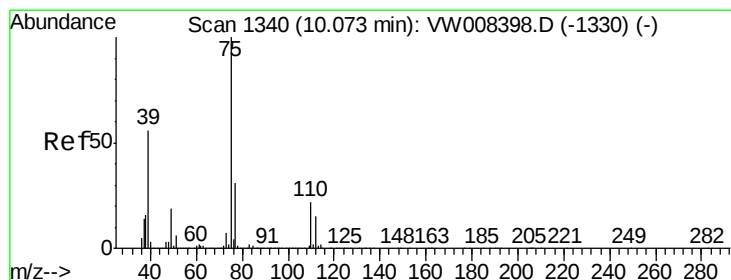
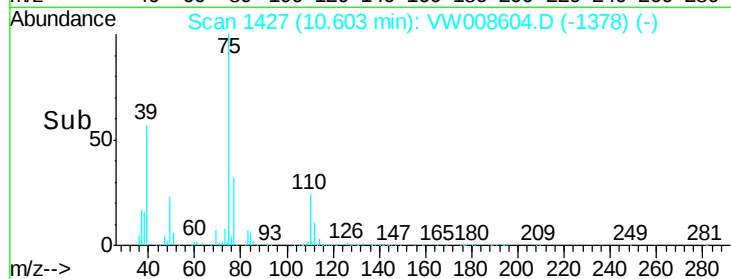
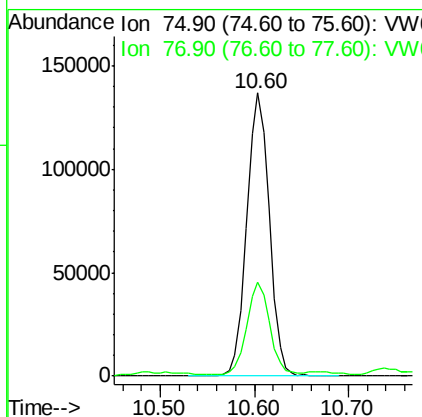
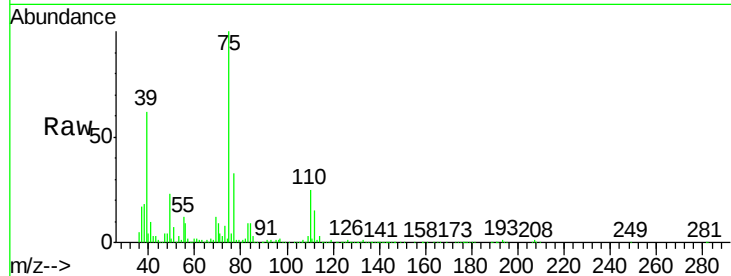
#53
t-1,3-Dichloropropene
Concen: 56.014 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. 0.00 min
Lab File: VW008604.D
Acq: 11 Feb 2019 18:15

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

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.3	37.9

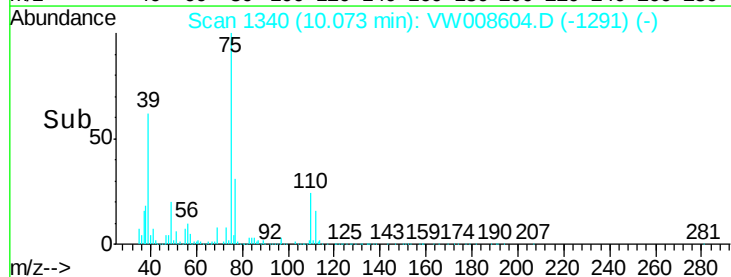
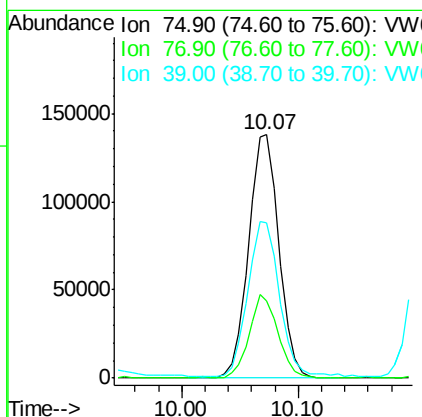
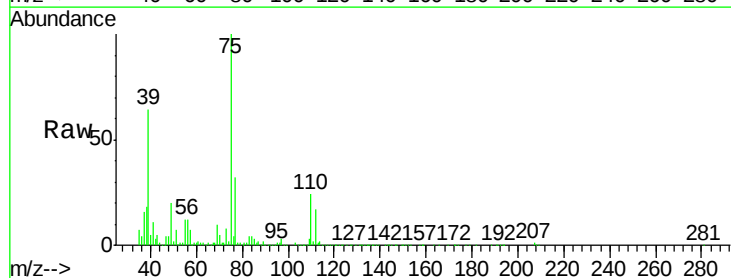
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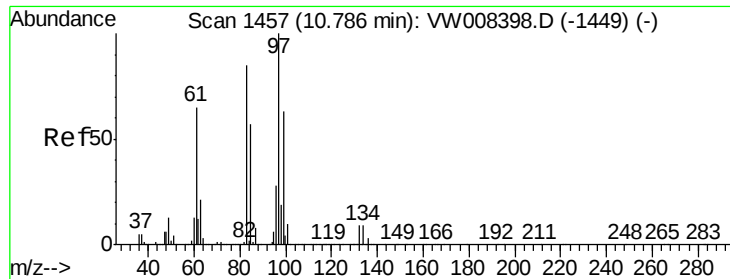
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#54
cis-1,3-Dichloropropene
Concen: 53.907 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW008604.D
Acq: 11 Feb 2019 18:15

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.0	37.4
39	63.1	44.9	67.3





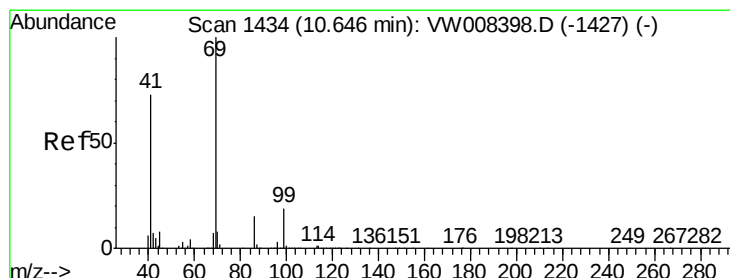
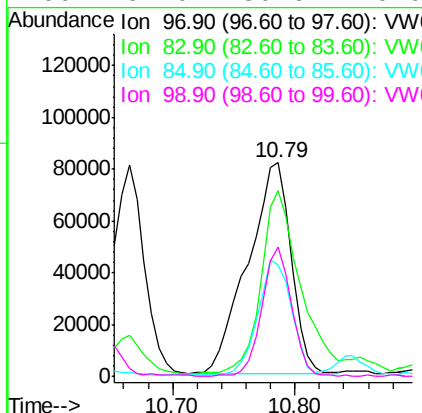
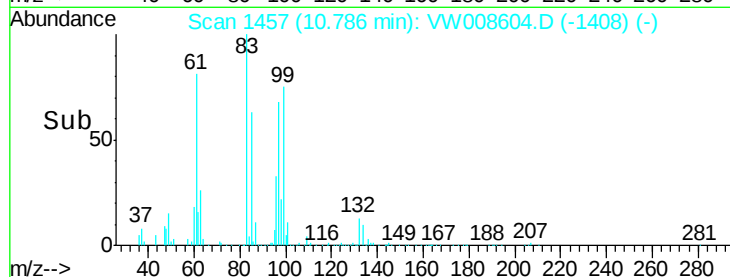
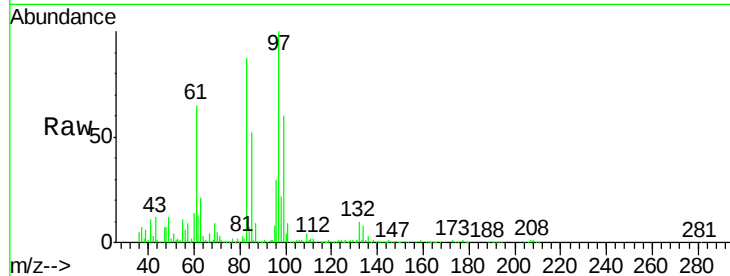
#55
 1,1,2-Trichloroethane
 Concen: 99.103 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW008604.D
 Acq: 11 Feb 2019 18:15

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

Tot Ion	97	Resp	200526
Ion	Ratio	Lower	Upper
97	100		
83	86.4	68.4	102.6
85	52.1	45.3	67.9
99	61.0	50.6	76.0

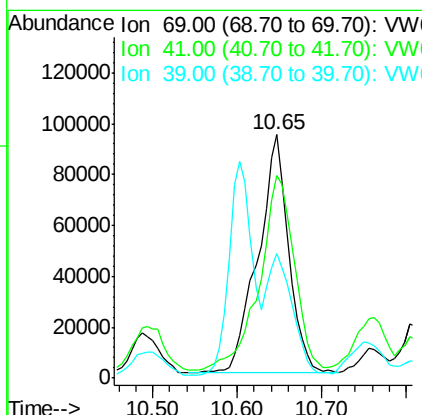
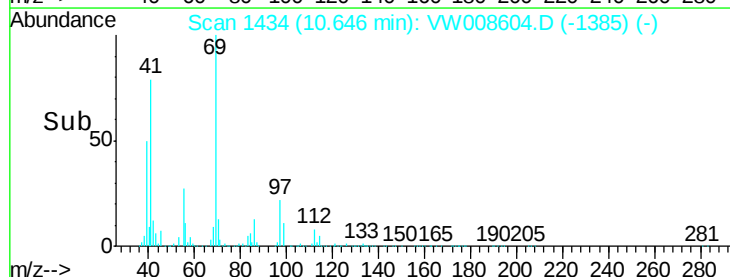
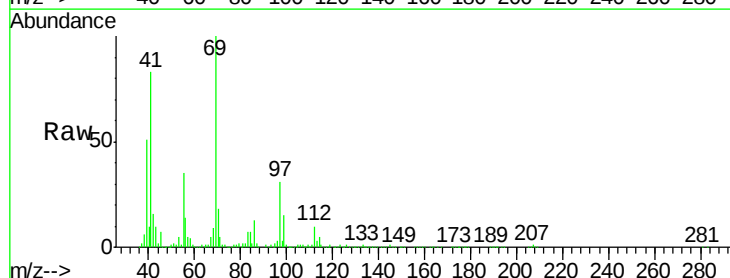
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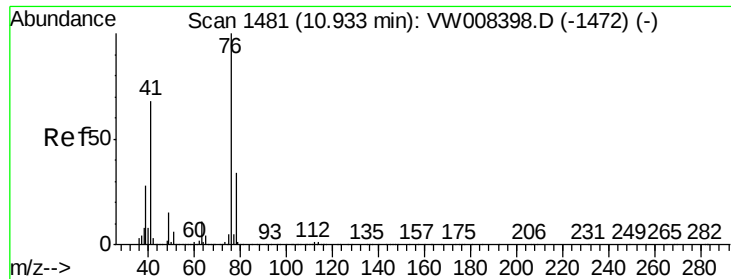
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#56
 Ethyl methacrylate
 Concen: 82.712 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW008604.D
 Acq: 11 Feb 2019 18:15

Tgt Ion	69	Resp	234509
Ion	Ratio	Lower	Upper
69	100		
41	93.0	58.7	88.1#
39	41.0	32.6	48.8





#57

1,3-Dichloropropane

Concen: 64.951 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW008604.D

Acq: 11 Feb 2019 18:15

Instrument :

MSVOA_W

ClientSampleId :

SB-10(0-5)MS

Tot Ion: 76 Resp: 235445

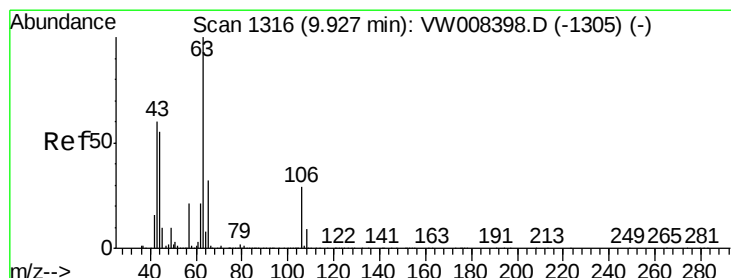
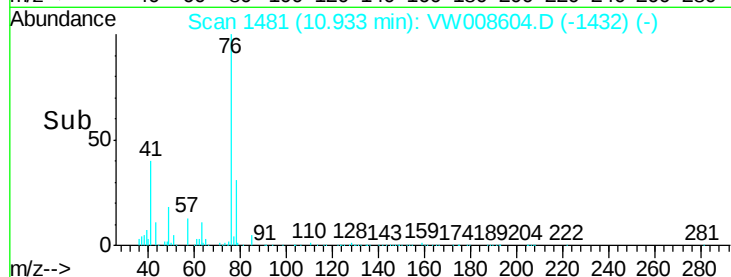
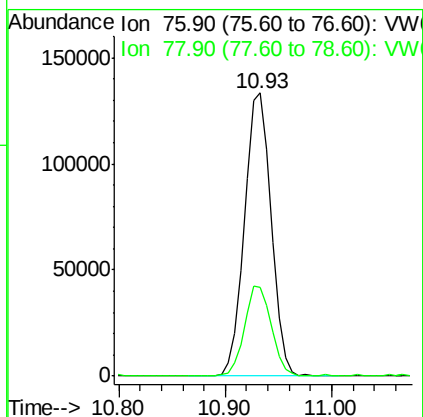
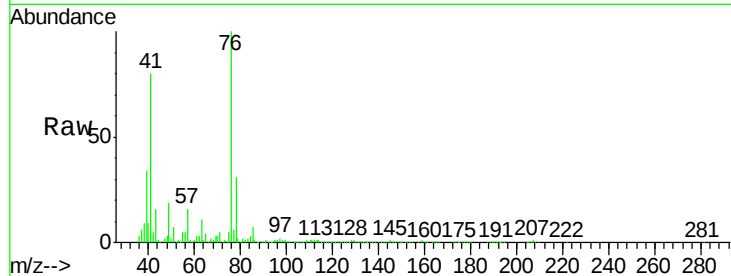
Ion Ratio Lower Upper

76 100

78 31.6 25.8 38.8

Manual Integrations
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2/12/2019 1:43:16 PM



#58

2-Chloroethyl Vinyl ether

Concen: 406.349 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VW008604.D

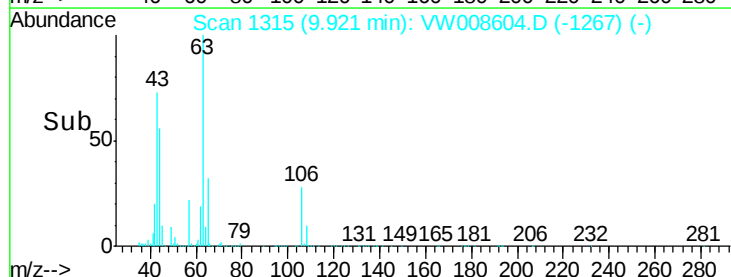
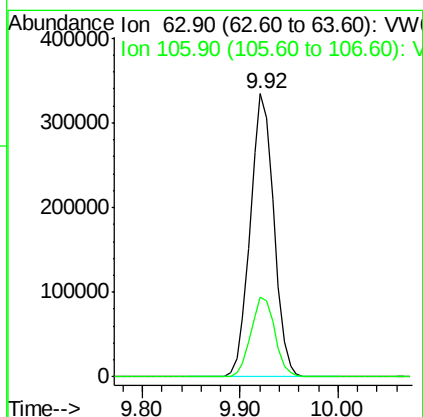
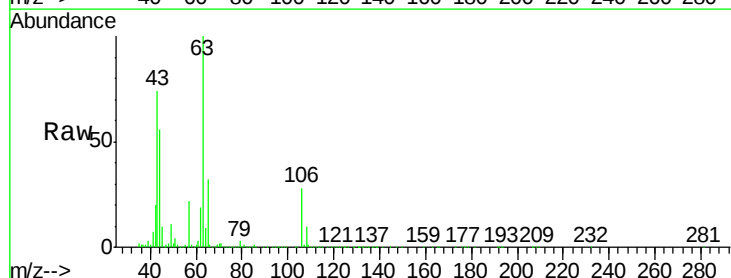
Acq: 11 Feb 2019 18:15

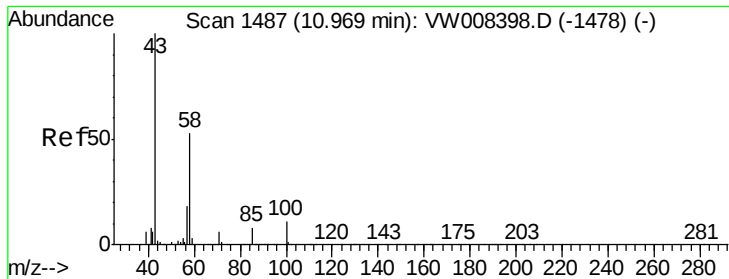
Tgt Ion: 63 Resp: 559770

Ion Ratio Lower Upper

63 100

106 28.6 22.4 33.6





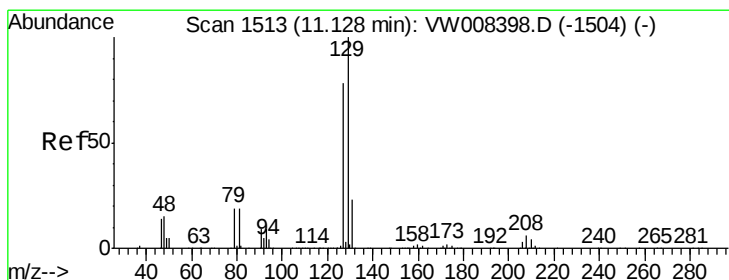
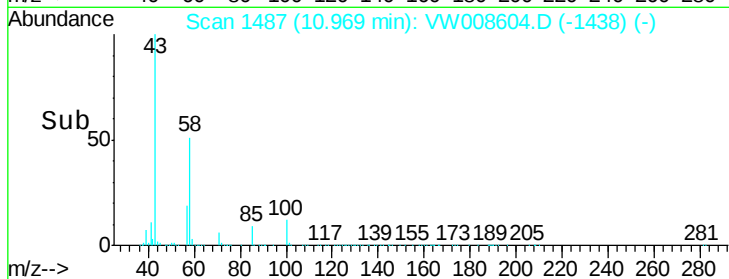
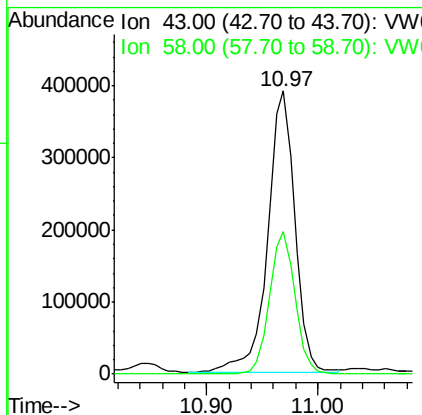
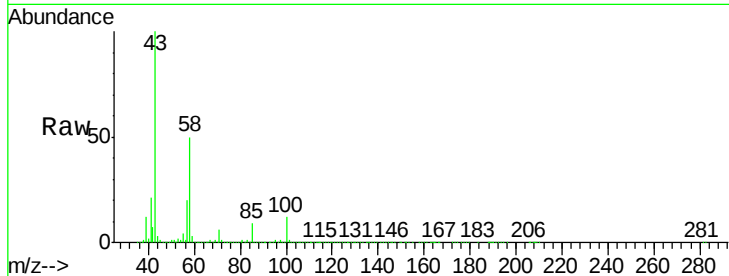
#59
2-Hexanone
Concen: 504.999 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW008604.D
Acq: 11 Feb 2019 18:15

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

Tot Ion: 43 Resp: 663627
Ion Ratio Lower Upper
43 100
58 47.7 25.9 77.7

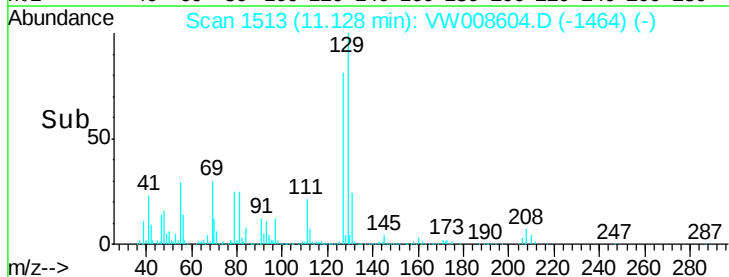
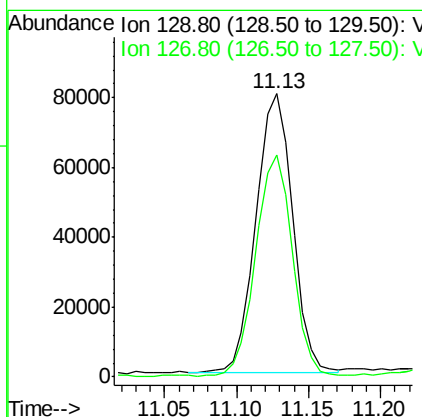
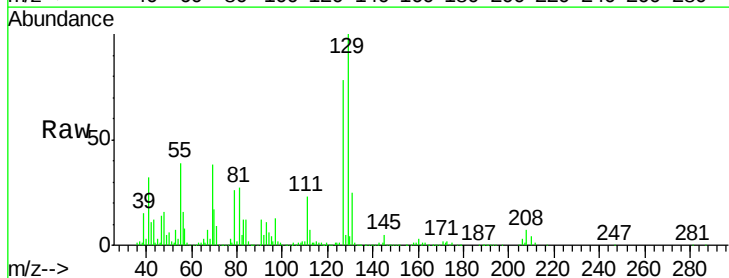
Manual Integrations
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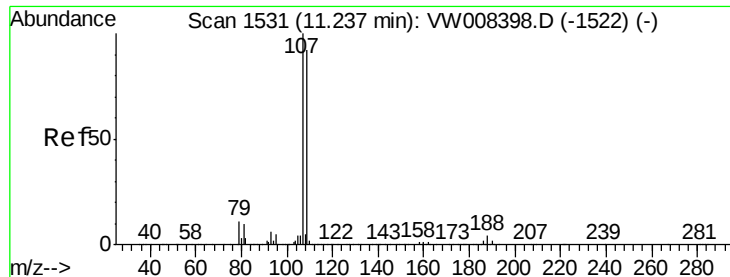
MMDadoda
2/12/2019 1:43:16 PM



#60
Dibromochloromethane
Concen: 54.041 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW008604.D
Acq: 11 Feb 2019 18:15

Tgt Ion: 129 Resp: 140519
Ion Ratio Lower Upper
129 100
127 79.4 39.1 117.2





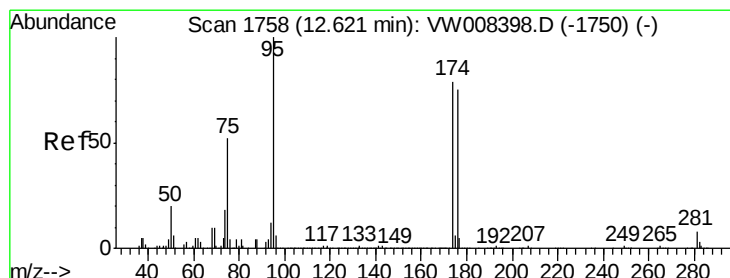
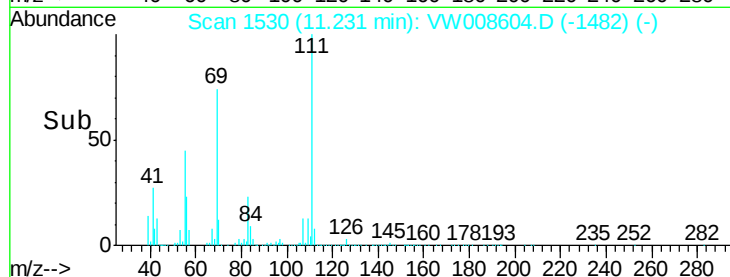
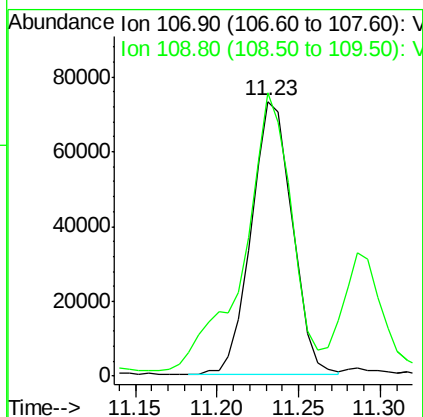
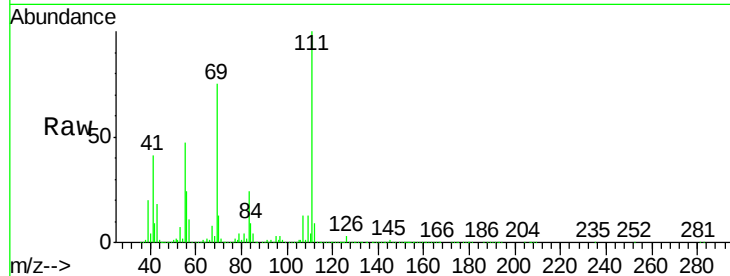
#61
 1,2-Dibromoethane
 Concen: 63.581 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW008604.D
 Acq: 11 Feb 2019 18:15

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

Tot Ion	Ratio	Lower	Upper
107	100		
109	117.3	75.0	112.4#

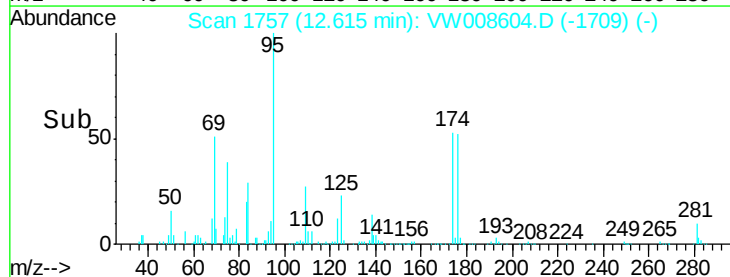
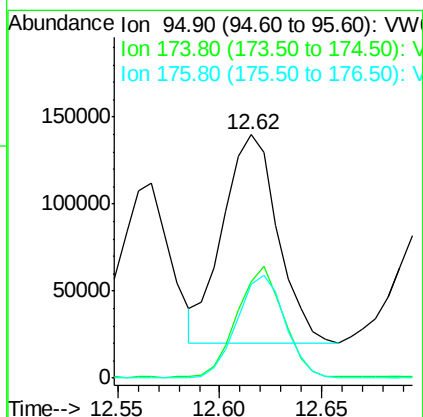
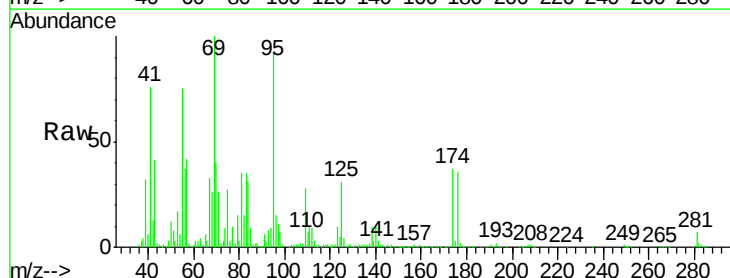
Manual Integrations
 APPROVED

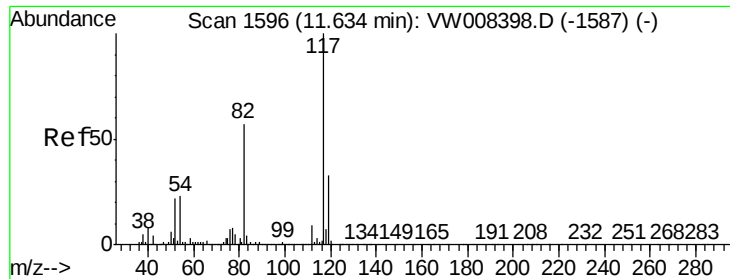
MMDadoda
 2/12/2019 1:43:16 PM



#62
 4-Bromofluorobenzene
 Concen: 57.321 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: VW008604.D
 Acq: 11 Feb 2019 18:15

Tgt Ion	Ratio	Lower	Upper
95	100		
174	44.5	0.0	157.6
176	43.1	0.0	151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.01 min

Lab File: VW008604.D

Acq: 11 Feb 2019 18:15

Instrument :

MSVOA_W

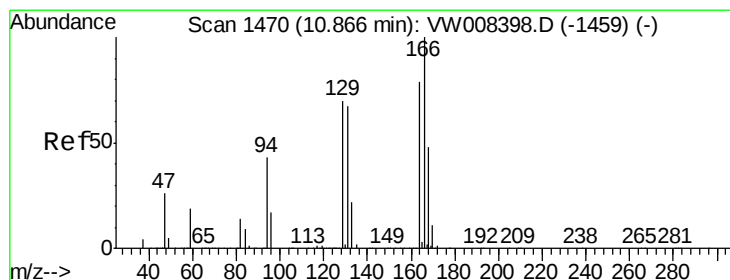
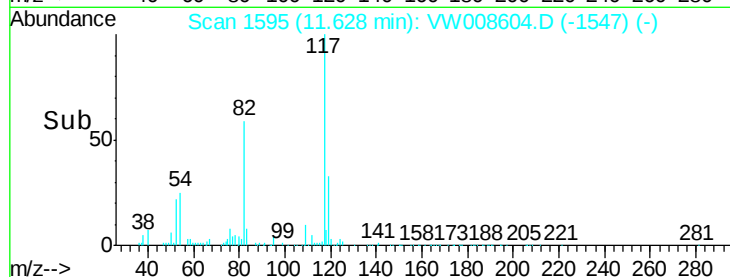
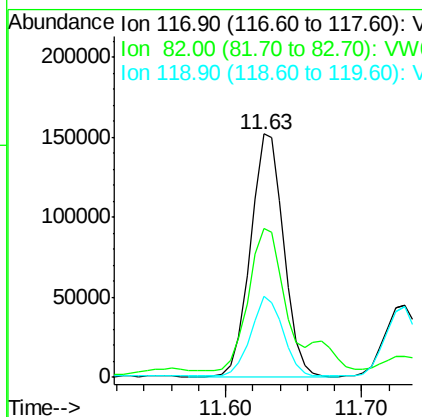
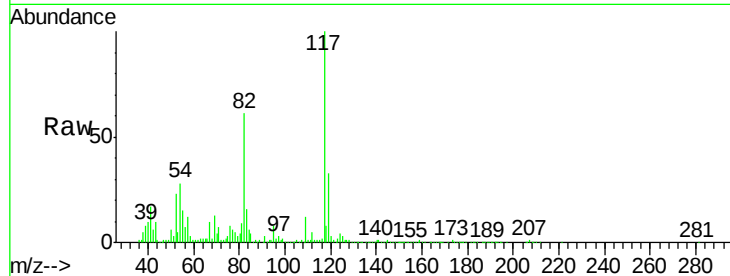
ClientSampleId :

SB-10(0-5)MS

Tot Ion	Ratio	Resp	Lower	Upper
117	100	259352		
82	58.5	45.4	68.0	
119	32.8	26.2	39.4	

Manual Integrations
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2/12/2019 1:43:16 PM



#64

Tetrachloroethene

Concen: 45.681 ug/l

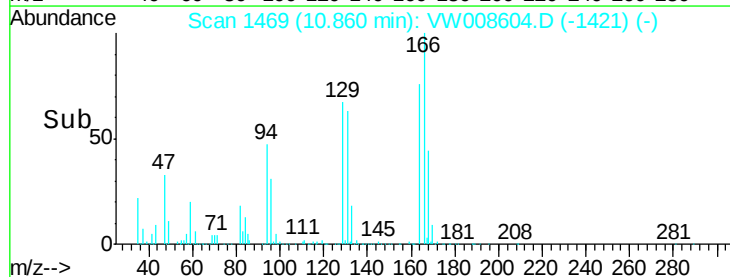
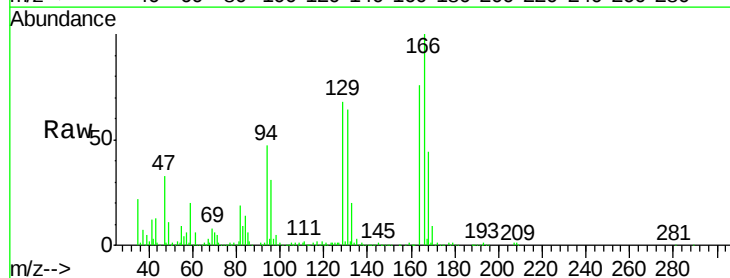
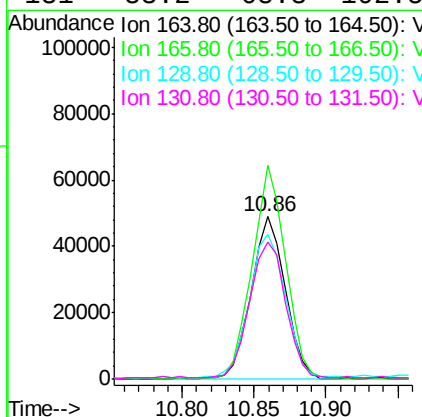
RT: 10.86 min Scan# 1469

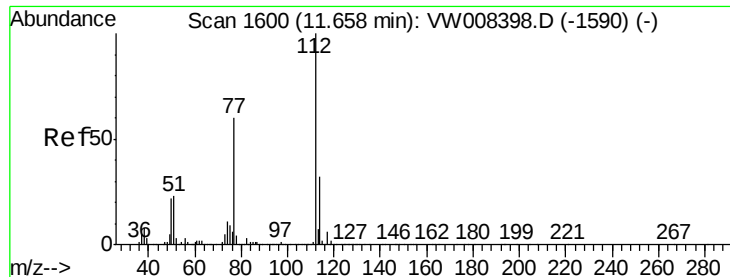
Delta R.T. -0.01 min

Lab File: VW008604.D

Acq: 11 Feb 2019 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	80214		
166	131.8	101.4	152.0	
129	88.5	71.0	106.6	
131	83.2	68.3	102.5	





#65

Chlorobenzene

Concen: 54.023 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW008604.D

Acq: 11 Feb 2019 18:15

Instrument :

MSVOA_W

ClientSampleId :

SB-10(0-5)MS

Tot Ion:112 Resp: 286013

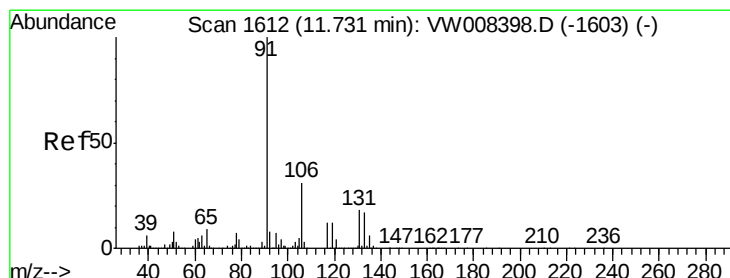
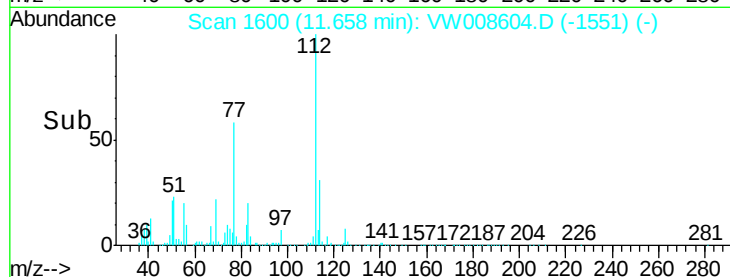
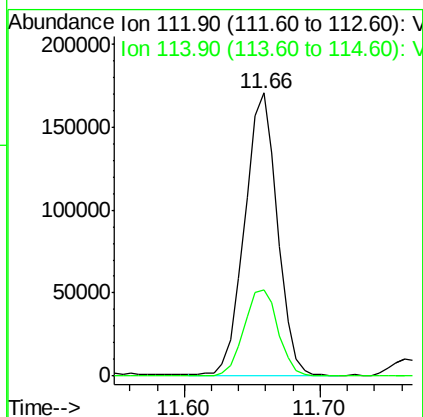
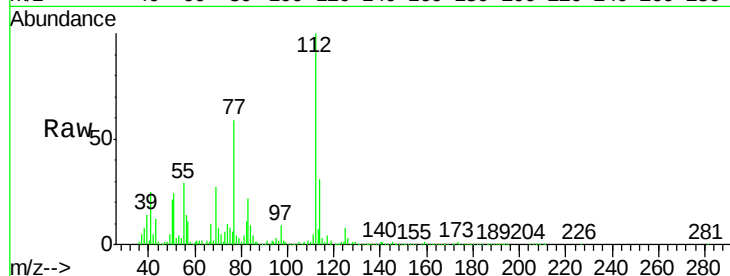
Ion Ratio Lower Upper

112 100

114 30.7 25.4 38.2

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 62.262 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW008604.D

Acq: 11 Feb 2019 18:15

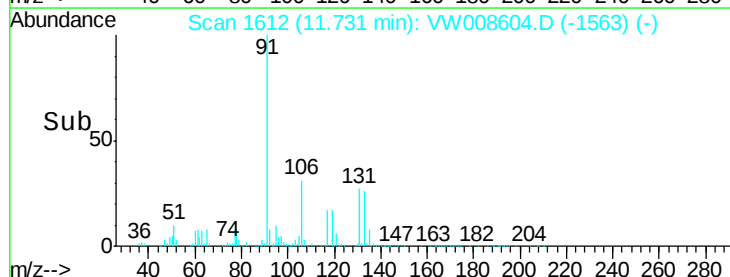
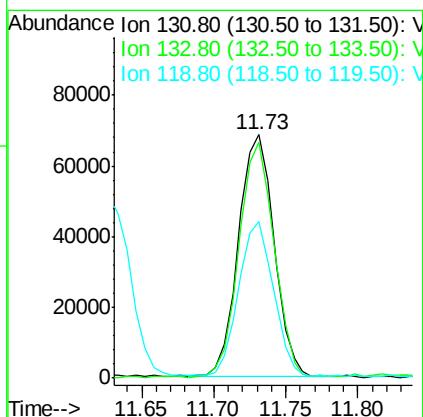
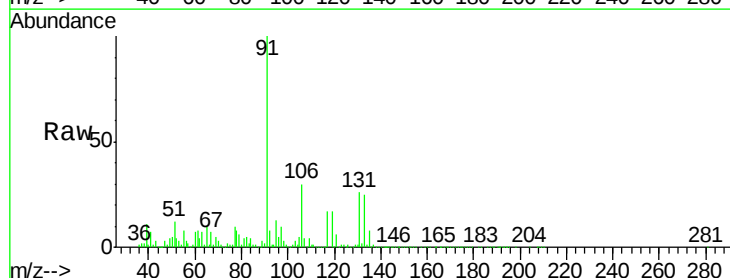
Tgt Ion:131 Resp: 117937

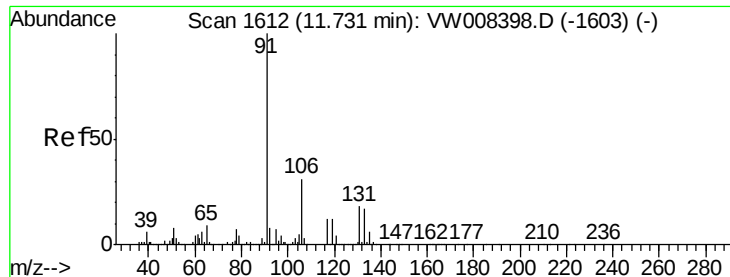
Ion Ratio Lower Upper

131 100

133 95.6 47.0 141.2

119 62.1 32.1 96.3





#67

Ethyl Benzene

Concen: 43.176 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW008604.D

Acq: 11 Feb 2019 18:15

Instrument :

MSVOA_W

ClientSampleId :

SB-10(0-5)MS

Tot Ion: 91 Resp: 420180

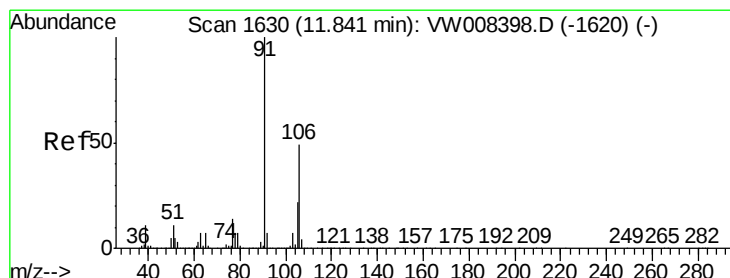
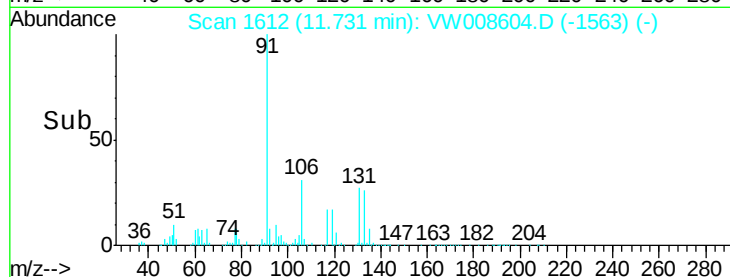
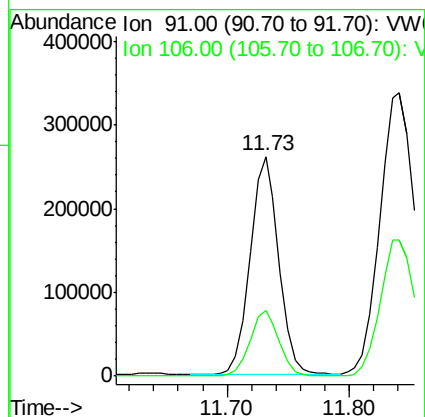
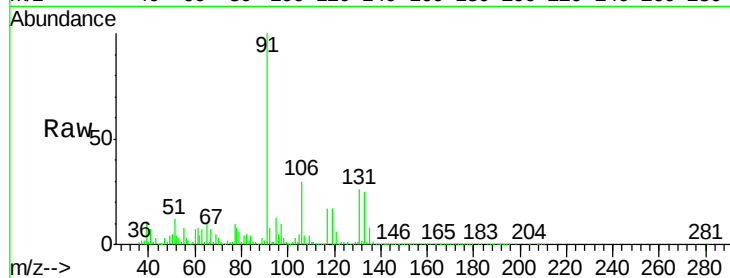
Ion Ratio Lower Upper

91 100

106 30.3 24.7 37.1

Manual Integrations
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#68

m/p-Xylenes

Concen: 84.349 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW008604.D

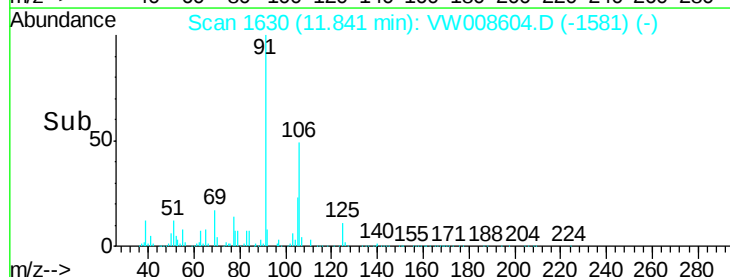
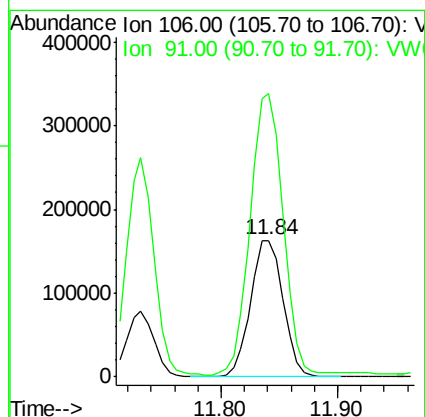
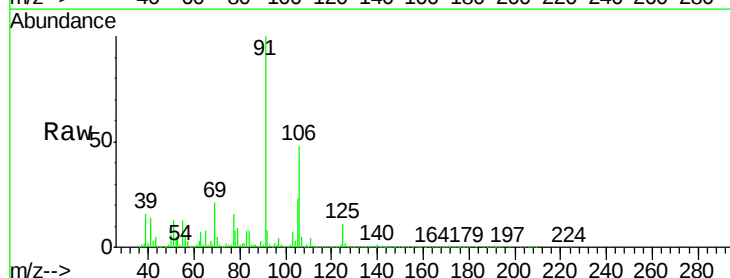
Acq: 11 Feb 2019 18:15

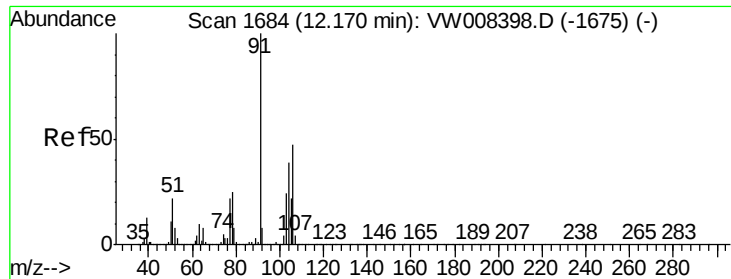
Tgt Ion: 106 Resp: 318491

Ion Ratio Lower Upper

106 100

91 207.4 162.9 244.3





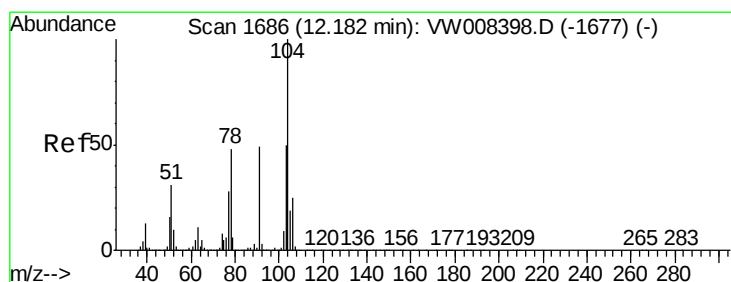
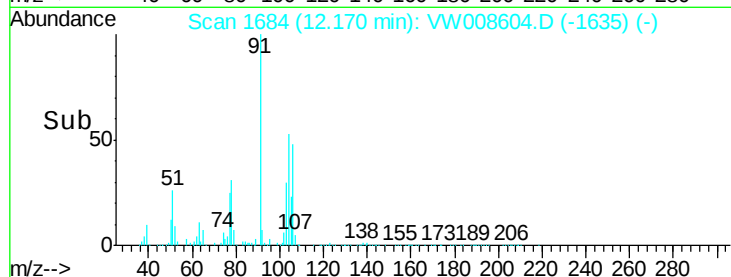
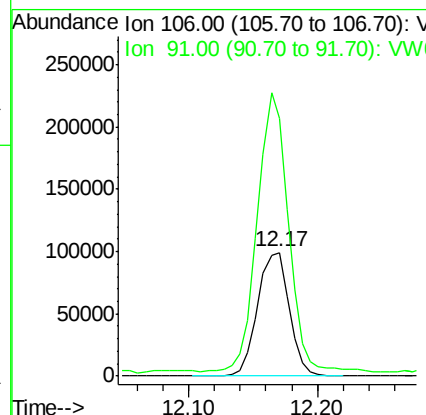
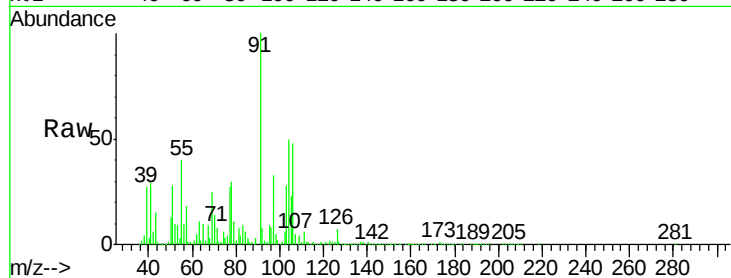
#69
o-Xylene
Concen: 46.664 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW008604.D
Acq: 11 Feb 2019 18:15

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

Tot Ion	Ratio	Lower	Upper
106	100		
91	222.0	107.5	322.4

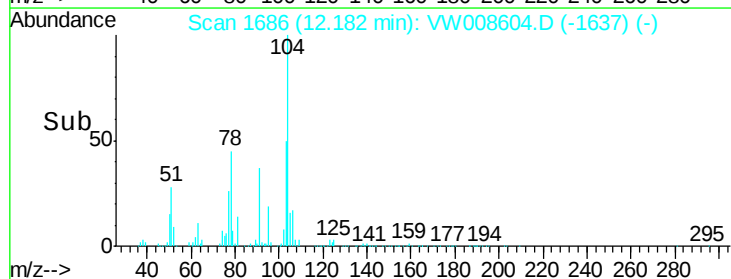
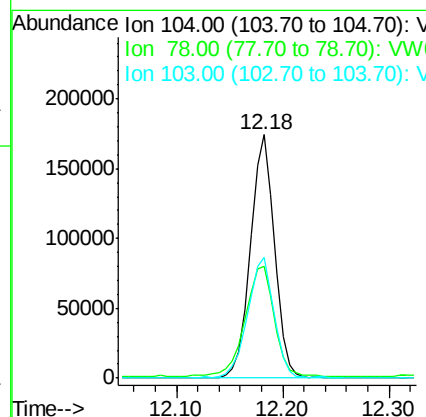
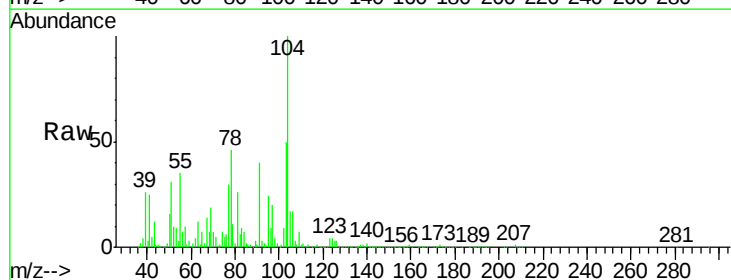
Manual Integrations
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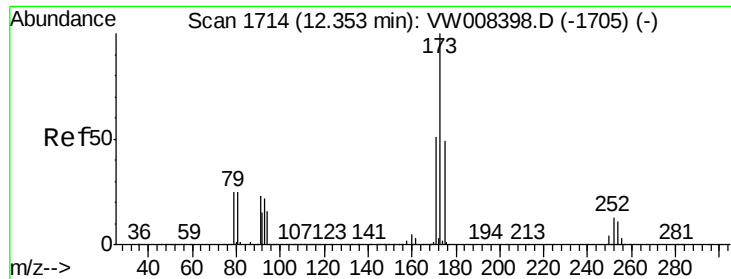
MMDadoda
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#70
Styrene
Concen: 46.448 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW008604.D
Acq: 11 Feb 2019 18:15

Tgt Ion	Ratio	Lower	Upper
104	100		
78	56.4	42.4	63.6
103	54.7	43.4	65.0





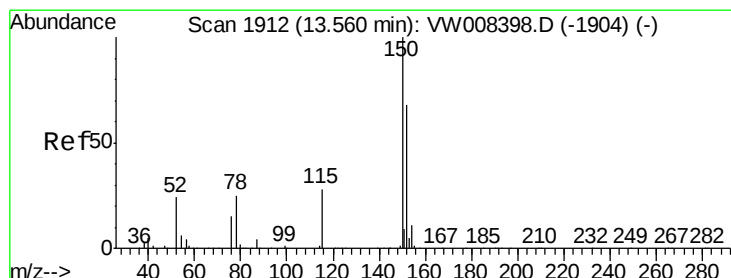
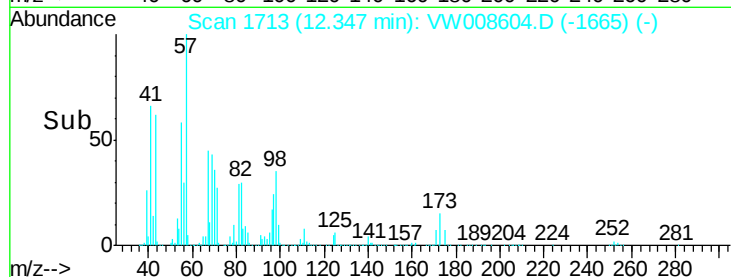
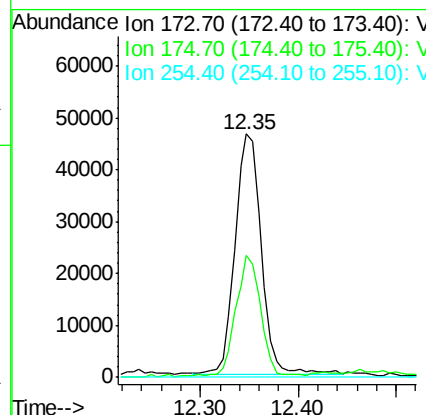
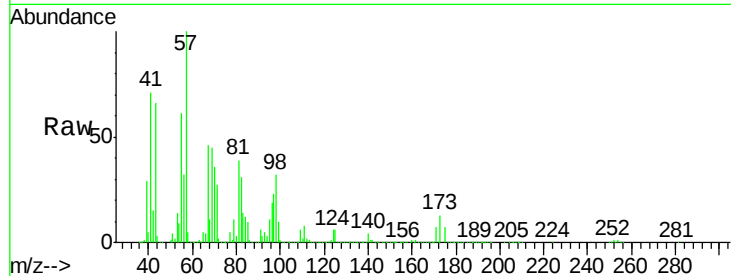
#71
Bromoform
Concen: 81.492 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.01 min
Lab File: VW008604.D
Acq: 11 Feb 2019 18:15

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

Tot Ion	Ratio	Lower	Upper
173	100		
175	45.3	24.4	73.4
254	0.1	0.2	0.2

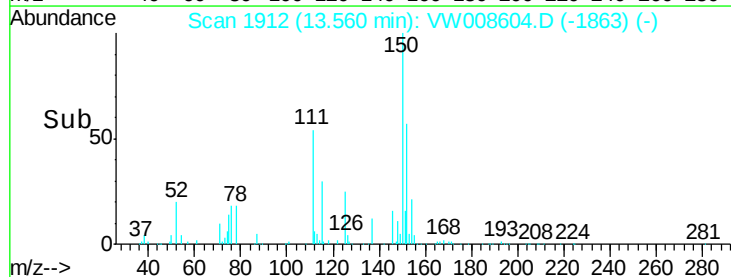
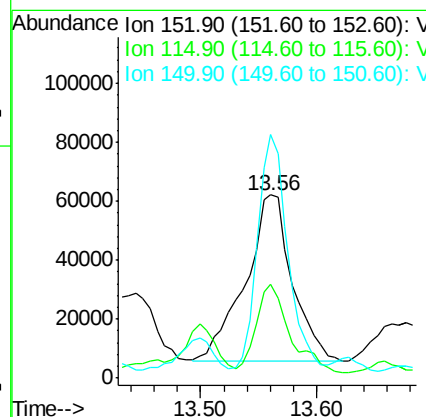
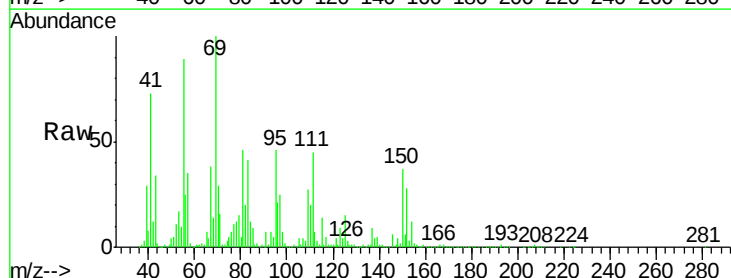
Manual Integrations
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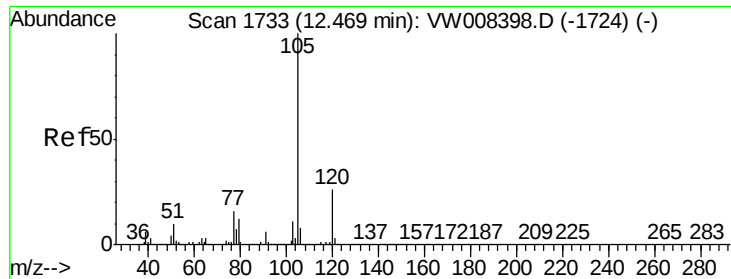
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008604.D
Acq: 11 Feb 2019 18:15

Tgt Ion	Ratio	Lower	Upper
152	100		
115	38.0	29.9	89.7
150	91.6	0.0	351.4





#73

Isopropylbenzene

Concen: 30.904 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW008604.D

Acq: 11 Feb 2019 18:15

Instrument :

MSVOA_W

ClientSampleId :

SB-10(0-5)MS

Tot Ion: 105 Resp: 363847

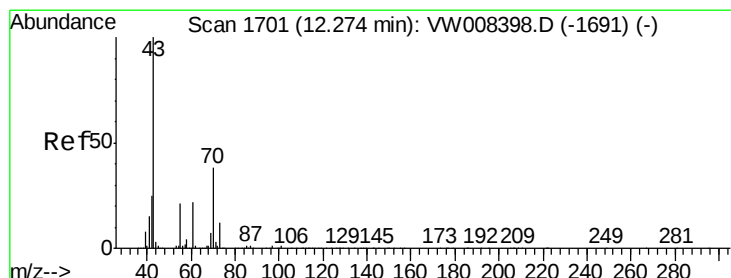
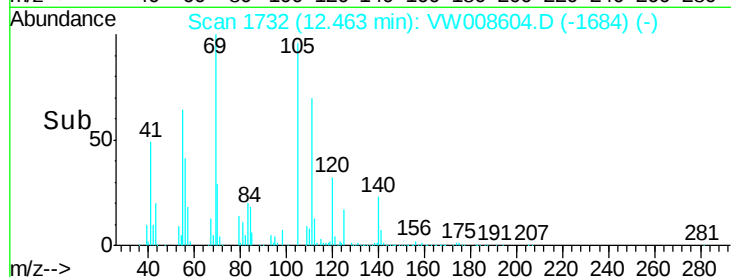
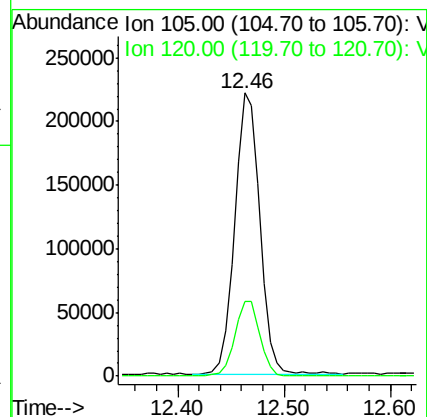
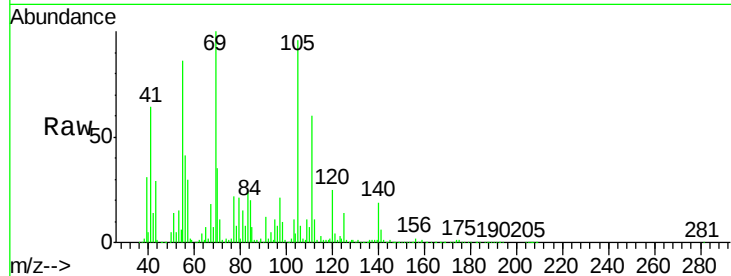
Ion Ratio Lower Upper

105 100

120 26.4 13.3 39.8

Manual Integrations
APPROVED

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#74

N-ethyl acetate

Concen: 76.437 ug/l

RT: 12.25 min Scan# 1697

Delta R.T. -0.02 min

Lab File: VW008604.D

Acq: 11 Feb 2019 18:15

Tgt Ion: 43 Resp: 231833

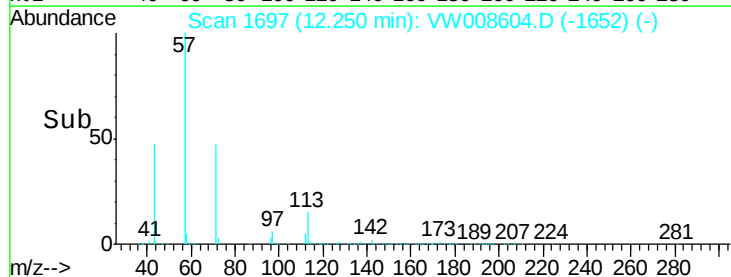
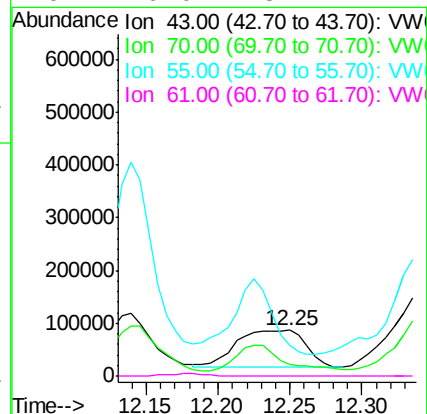
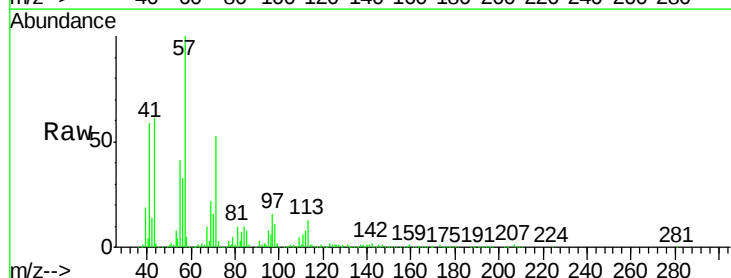
Ion Ratio Lower Upper

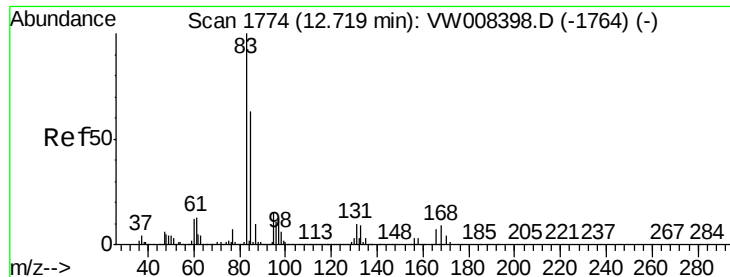
43 100

70 0.0 31.0 46.6#

55 0.0 17.4 26.2#

61 0.0 18.2 27.4#





#75

1,1,2,2-Tetrachloroethane

Concen: 163.178 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW008604.D

Acq: 11 Feb 2019 18:15

Instrument :

MSVOA_W

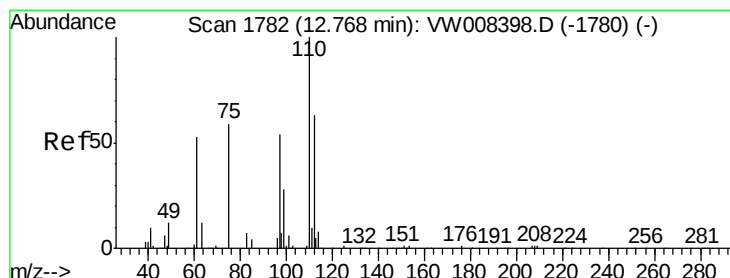
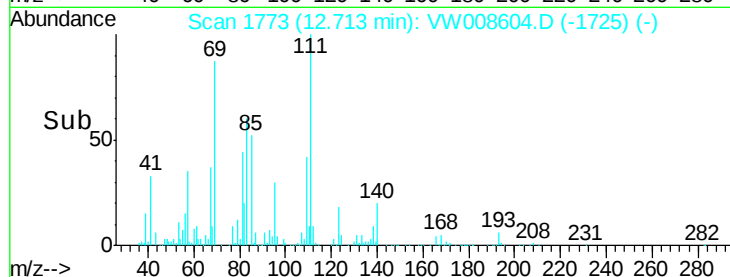
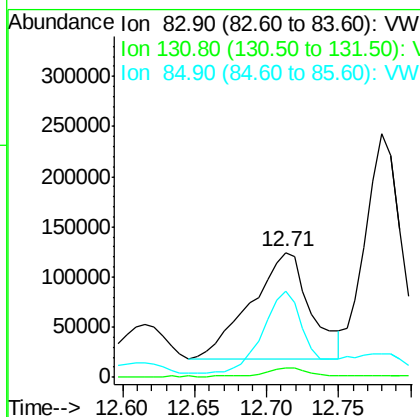
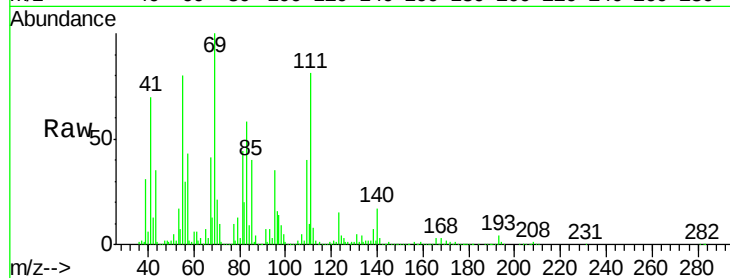
ClientSampleId :

SB-10(0-5)MS

Tot Ion:	83	Resp:	304155
Ion Ratio	Lower	Upper	
83	100		
131	5.5	5.5	16.4
85	53.3	31.9	95.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 88.802 ug/l m

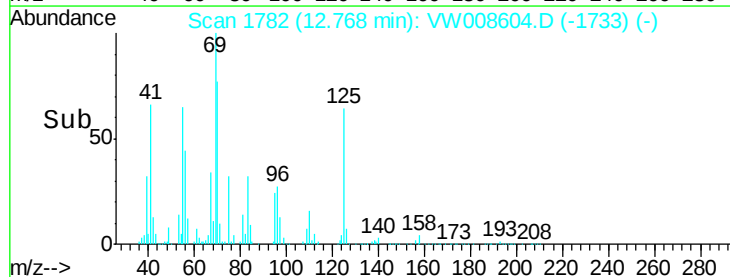
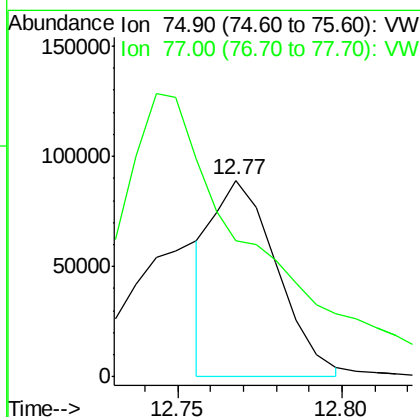
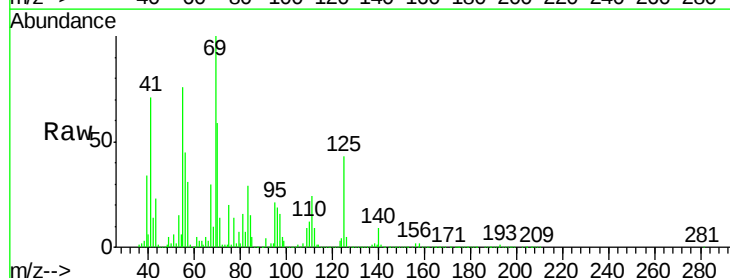
RT: 12.77 min Scan# 1782

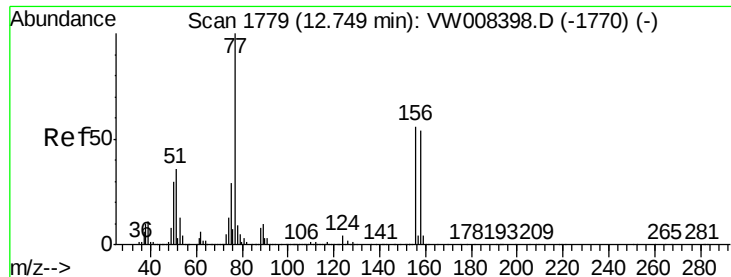
Delta R.T. 0.00 min

Lab File: VW008604.D

Acq: 11 Feb 2019 18:15

Tgt Ion:	75	Resp:	121926
Ion Ratio	Lower	Upper	
75	100		
77	0.0	180.7	542.1#





#77

Bromobenzene

Concen: 39.535 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW008604.D

Acq: 11 Feb 2019 18:15

Instrument :

MSVOA_W

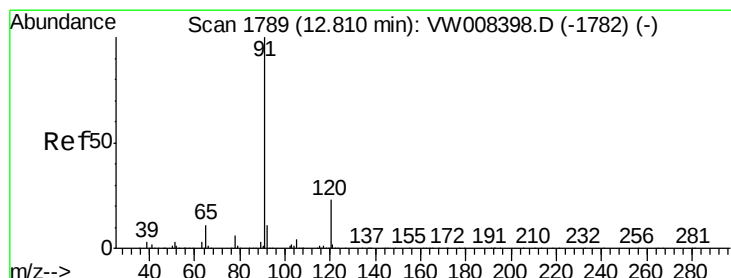
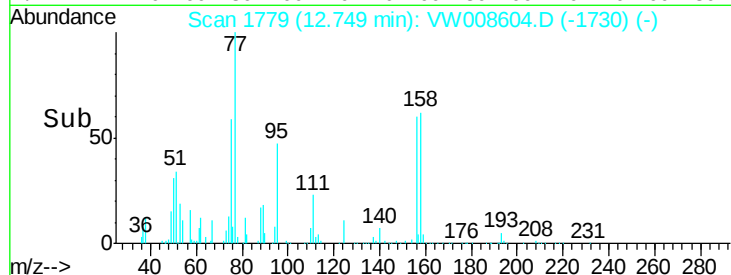
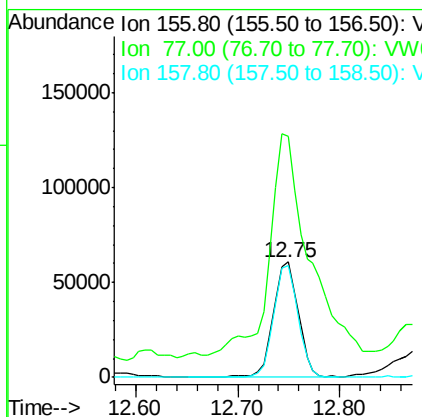
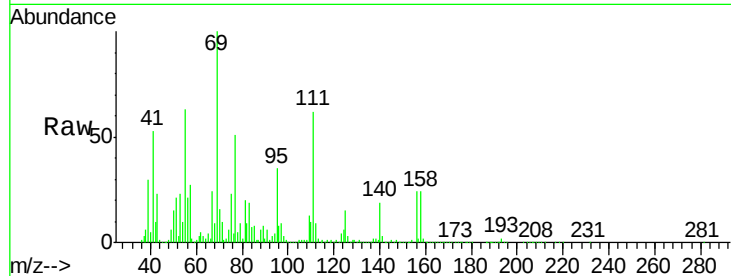
ClientSampleId :

SB-10(0-5)MS

Tot Ion	Ratio	Lower	Upper
156	100		
77	309.6	96.9	290.7#
158	96.1	48.8	146.4

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#78

n-propylbenzene

Concen: 28.979 ug/l

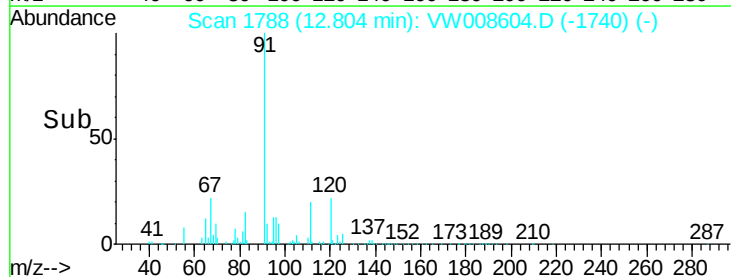
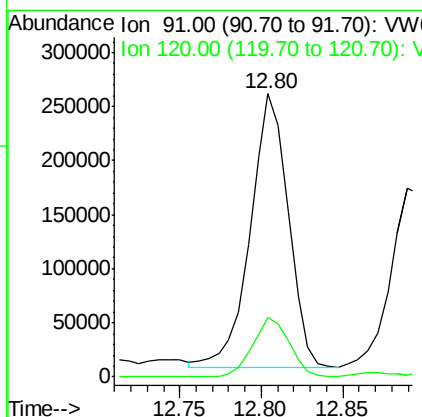
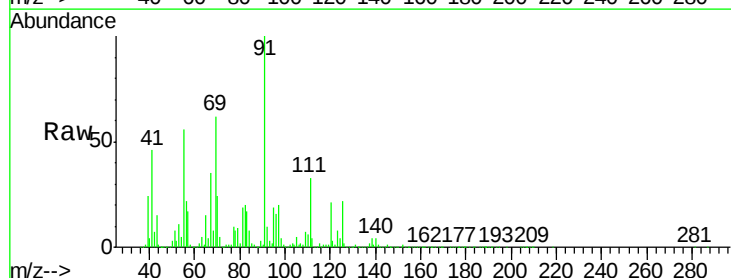
RT: 12.80 min Scan# 1788

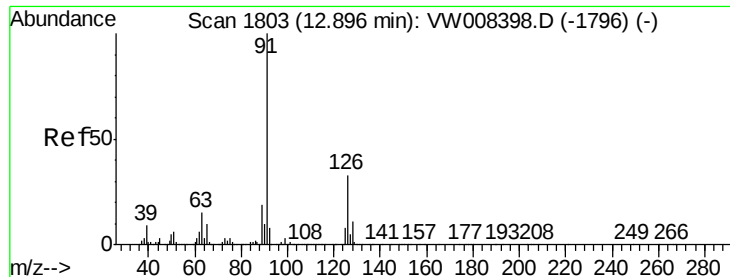
Delta R.T. -0.01 min

Lab File: VW008604.D

Acq: 11 Feb 2019 18:15

Tgt Ion	Ratio	Lower	Upper
91	100		
120	20.7	11.4	34.1





#79

2-Chlorotoluene

Concen: 36.811 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.01 min

Lab File: VW008604.D

Acq: 11 Feb 2019 18:15

Instrument :

MSVOA_W

ClientSampleId :

SB-10(0-5)MS

Tot Ion: 91 Resp: 293733

Ion Ratio Lower Upper

91 100

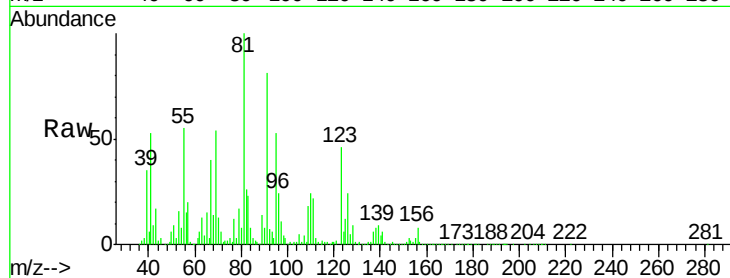
126 28.8

16.5

49.5

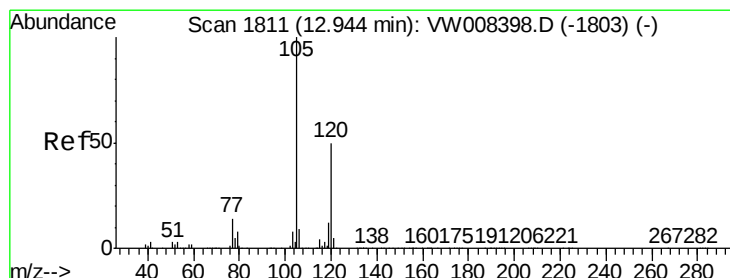
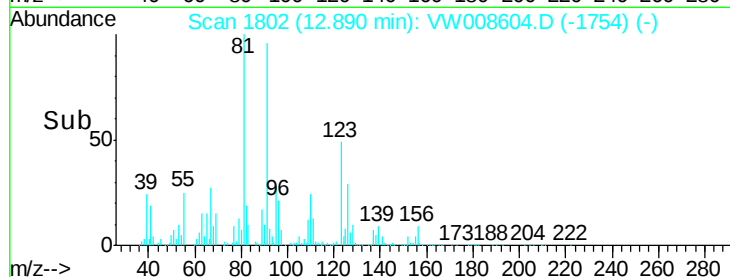
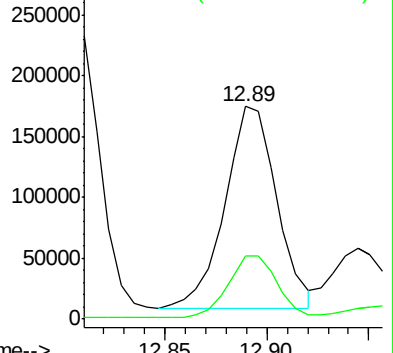
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 59.884 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW008604.D

Acq: 11 Feb 2019 18:15

Tgt Ion: 105 Resp: 589287

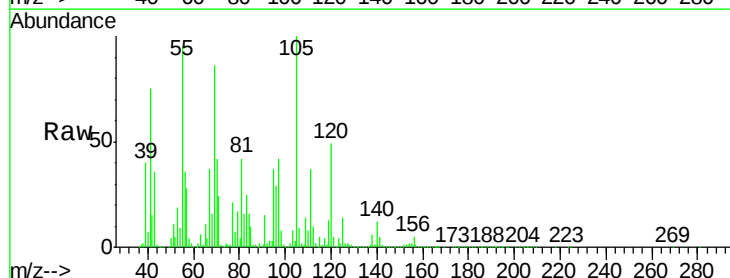
Ion Ratio Lower Upper

105 100

120 49.1

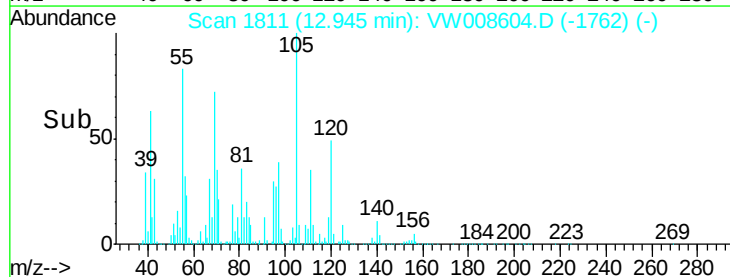
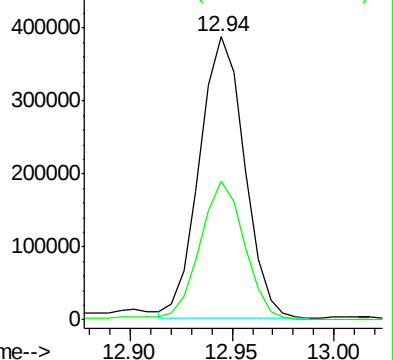
24.6

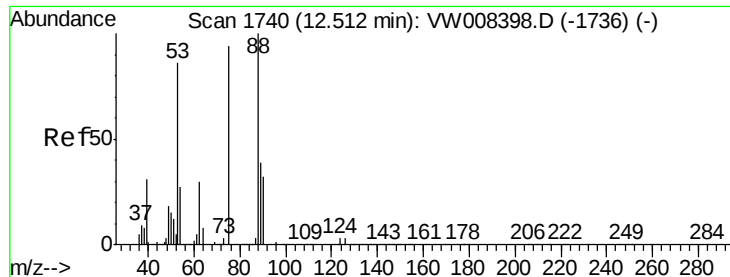
73.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





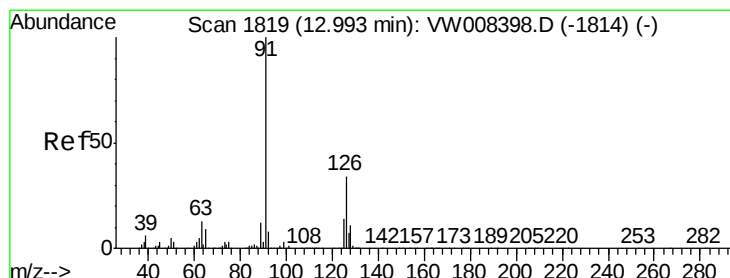
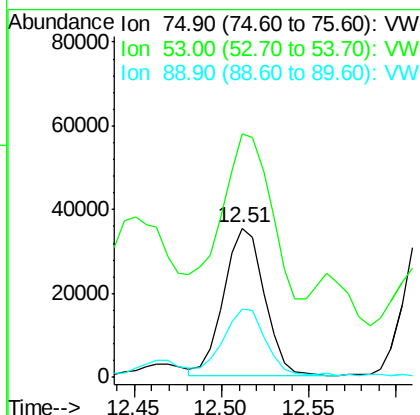
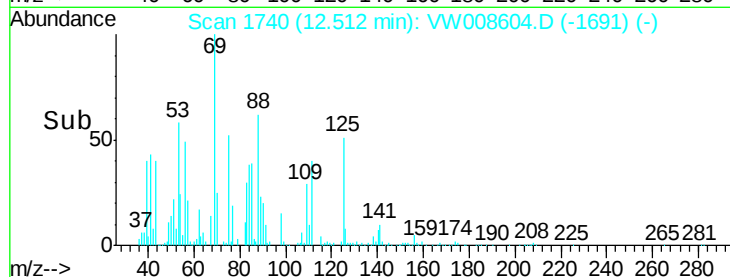
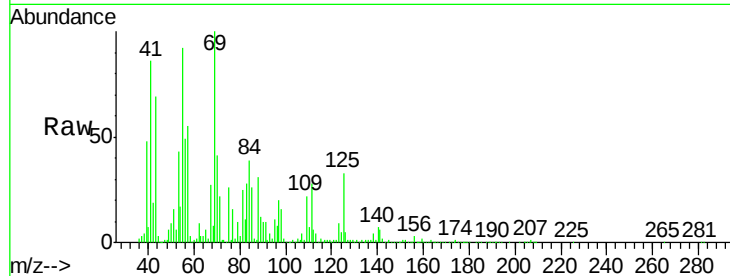
#81
trans-1,4-Dichloro-2-butene
Concen: 82.904 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW008604.D
Acq: 11 Feb 2019 18:15

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

Tot Ion	Ratio	Lower	Upper
75	100		
53	127.5	76.0	114.0#
89	44.1	35.4	53.0

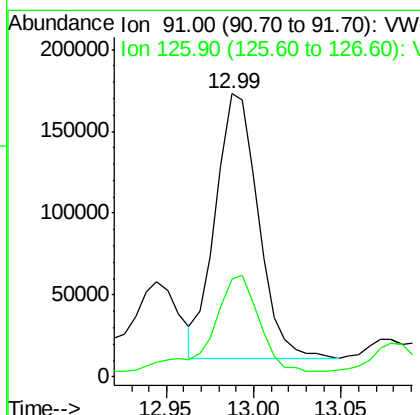
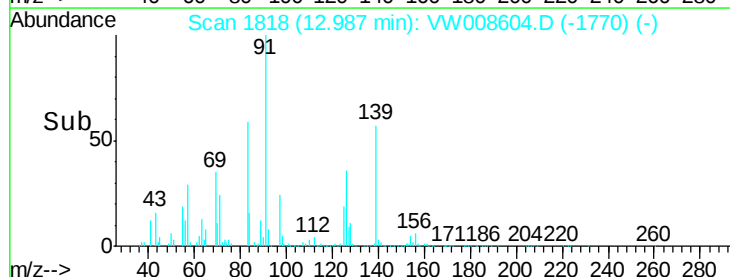
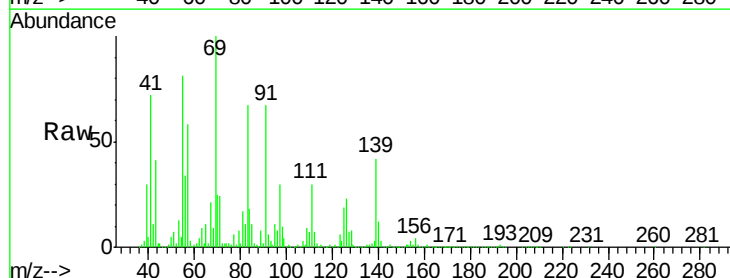
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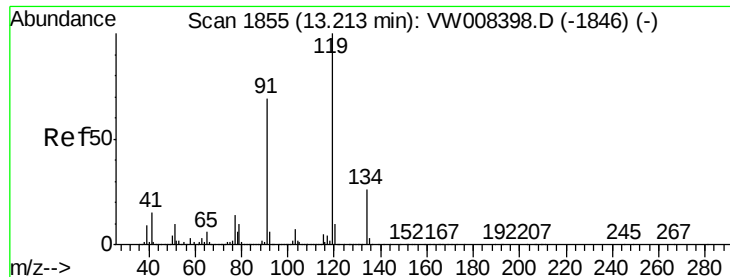
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#82
4-Chlorotoluene
Concen: 32.539 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.01 min
Lab File: VW008604.D
Acq: 11 Feb 2019 18:15

Tgt Ion	Ratio	Lower	Upper
91	100		
126	44.1	16.4	49.2





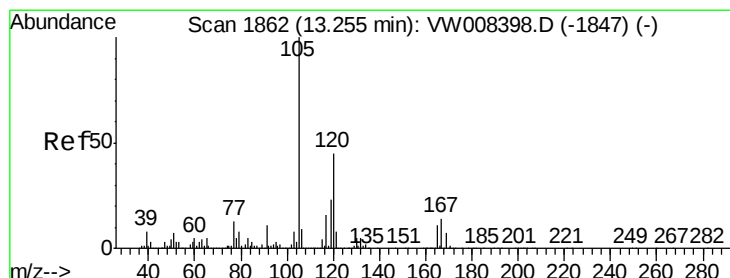
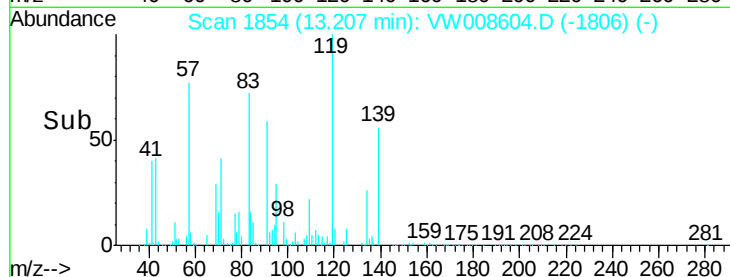
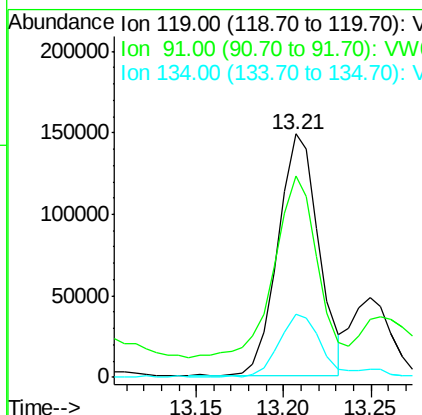
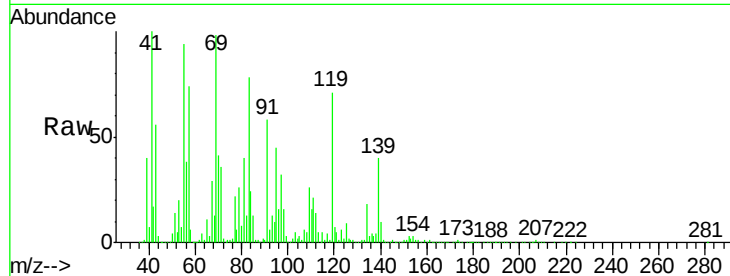
#83
tert-Butylbenzene
Concen: 27.594 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.01 min
Lab File: VW008604.D
Acq: 11 Feb 2019 18:15

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

Tot Ion	Ratio	Lower	Upper
119	100		
91	77.8	33.8	101.4
134	26.3	13.5	40.4

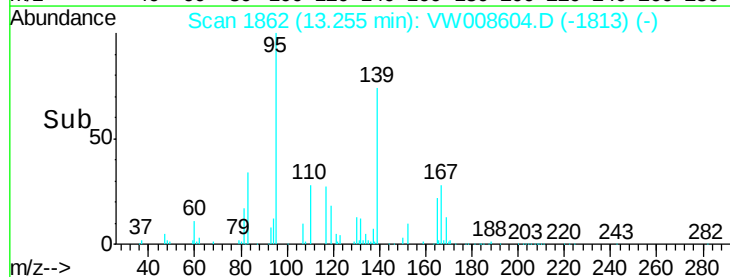
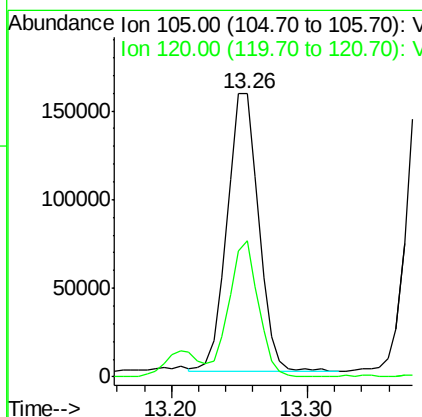
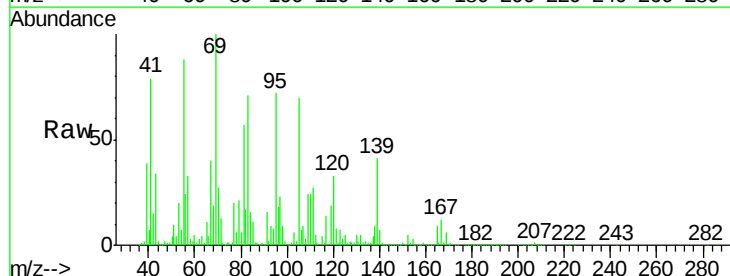
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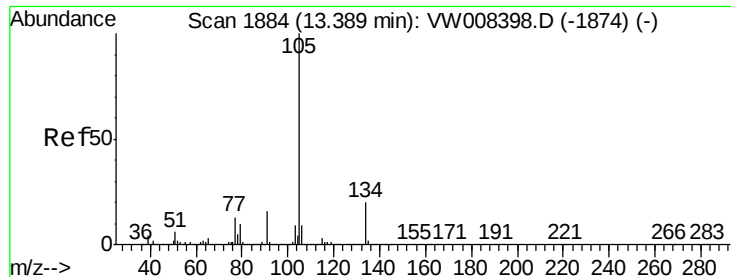
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#84
1,2,4-Trimethylbenzene
Concen: 25.343 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW008604.D
Acq: 11 Feb 2019 18:15

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.9	23.1	69.2





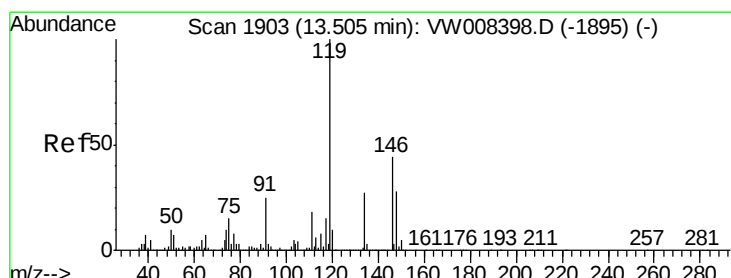
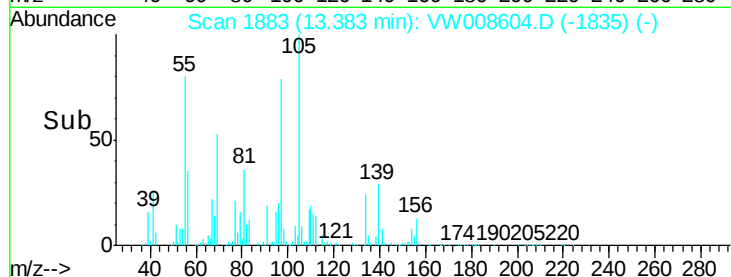
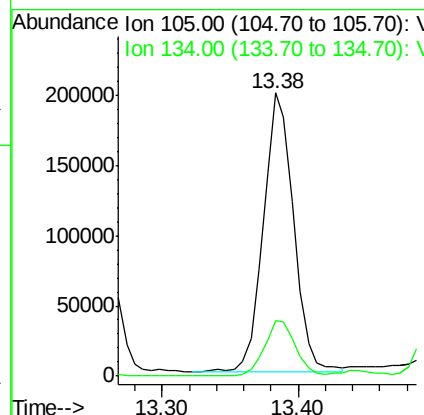
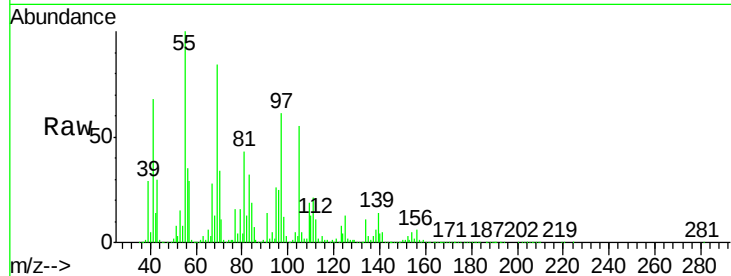
#85
 sec-Butylbenzene
 Concen: 24.800 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: VW008604.D
 Acq: 11 Feb 2019 18:15

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

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.4	10.2	30.6

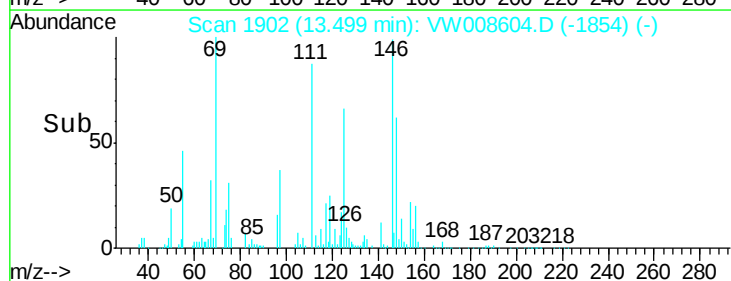
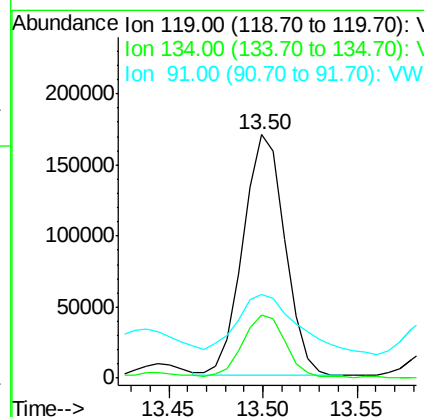
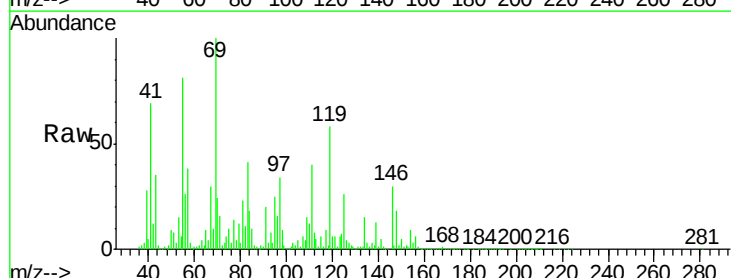
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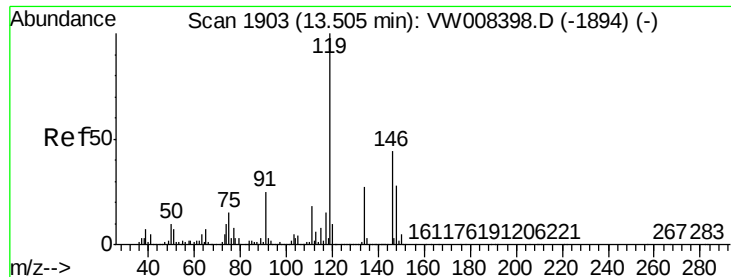
MMDadoda
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#86
 p-Isopropyltoluene
 Concen: 23.926 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008604.D
 Acq: 11 Feb 2019 18:15

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.7	13.4	40.2
91	35.8	12.6	37.6





#87

1,3-Dichlorobenzene

Concen: 26.716 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.01 min

Lab File: VW008604.D

Acq: 11 Feb 2019 18:15

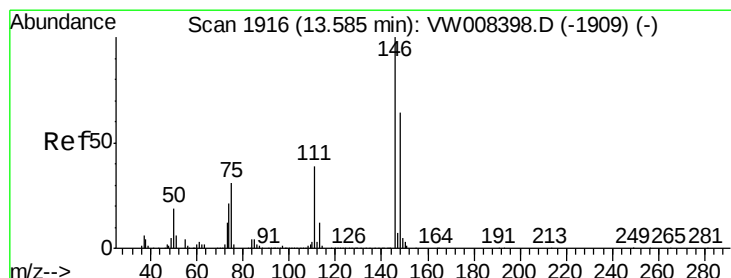
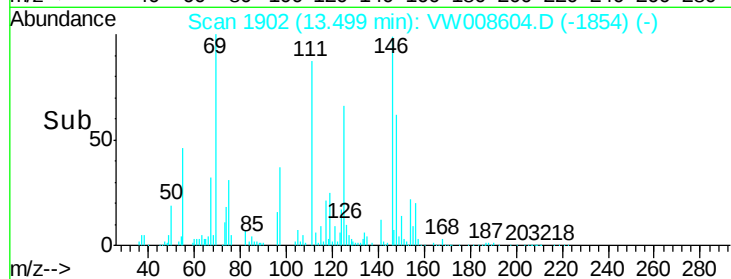
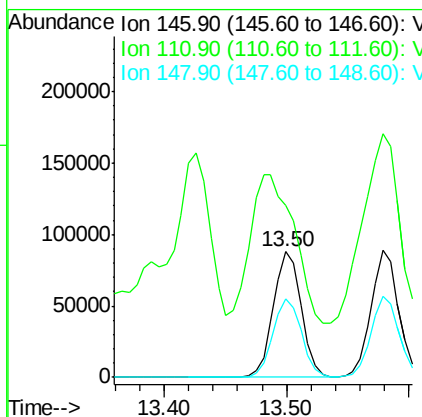
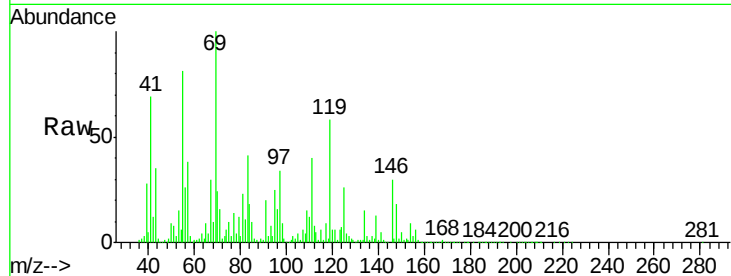
Instrument :
MSVOA_W

ClientSampled :
SB-10(0-5)MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	185.5	20.3	60.9#
148	62.9	31.9	95.7

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 26.464 ug/l

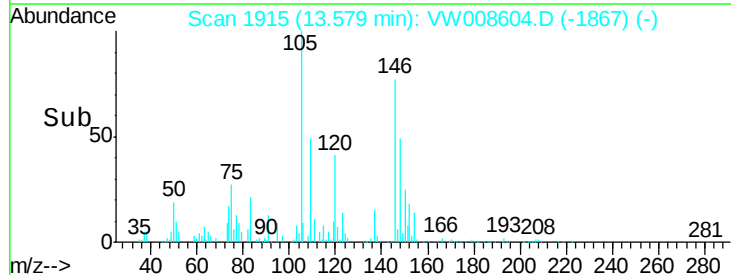
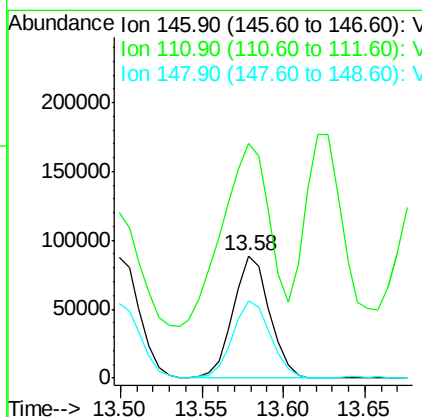
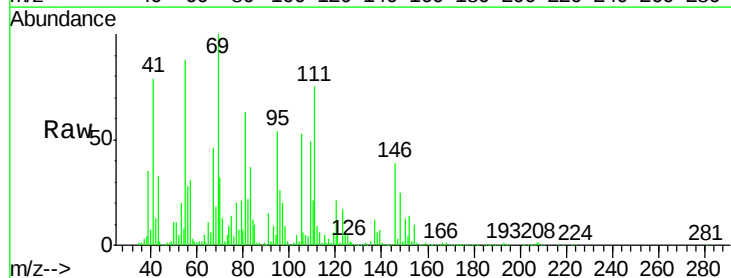
RT: 13.58 min Scan# 1915

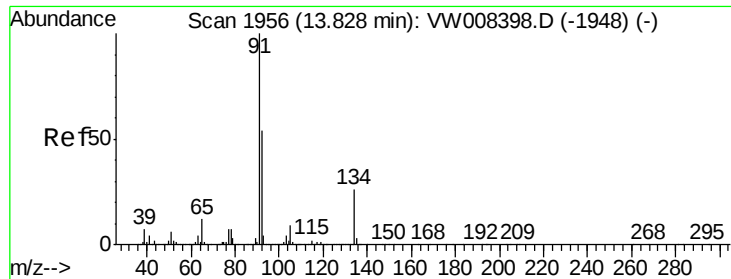
Delta R.T. -0.01 min

Lab File: VW008604.D

Acq: 11 Feb 2019 18:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	195.9	20.0	60.0#
148	64.9	32.0	96.2





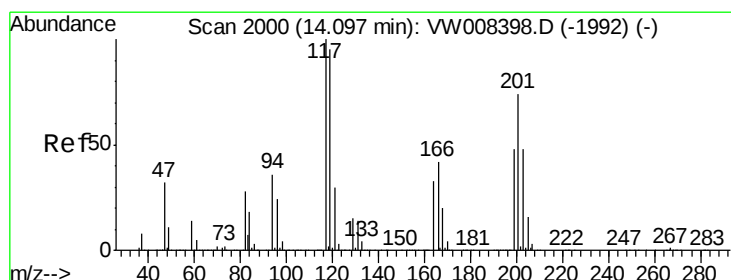
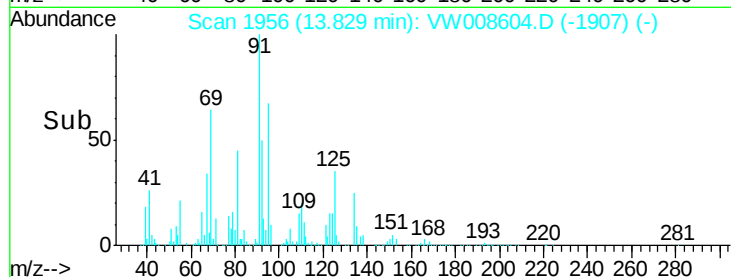
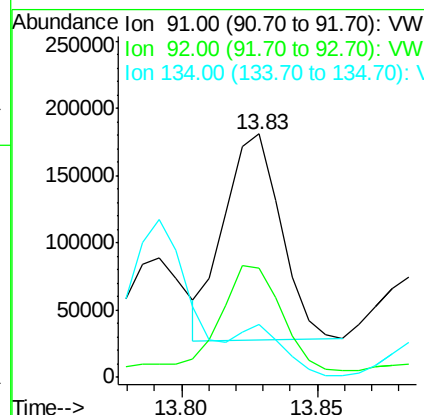
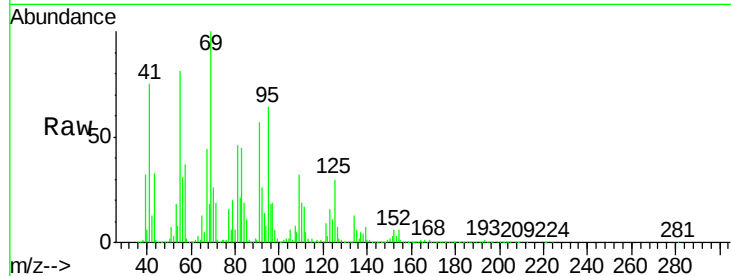
#89
n-Butylbenzene
Concen: 20.478 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW008604.D
Acq: 11 Feb 2019 18:15

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

Tot Ion	Ratio	Lower	Upper
91	100		
92	61.6	27.4	82.2
134	19.5	13.0	39.0

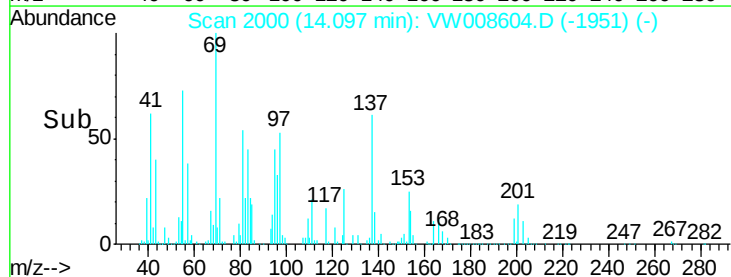
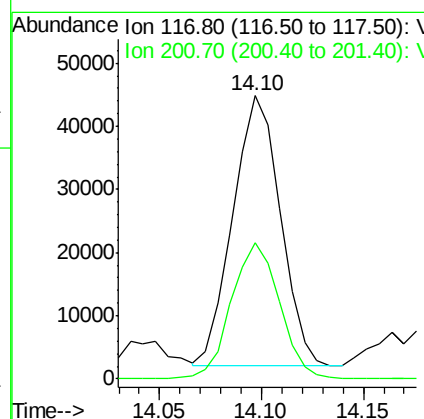
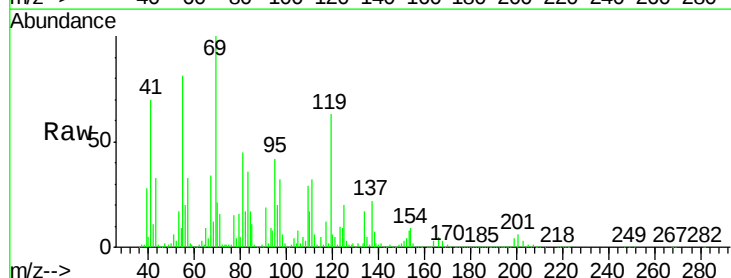
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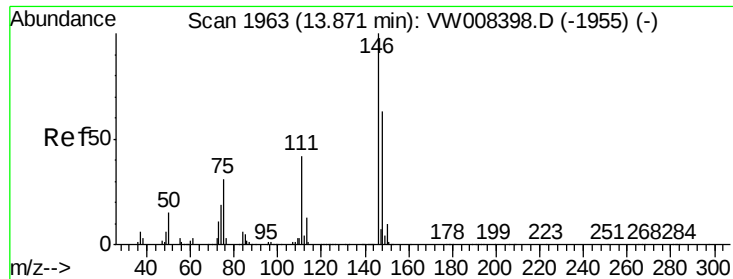
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2/12/2019 1:43:16 PM



#90
Hexachloroethane
Concen: 32.189 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW008604.D
Acq: 11 Feb 2019 18:15

Tgt Ion	Ratio	Lower	Upper
117	100		
201	51.4	39.1	117.5





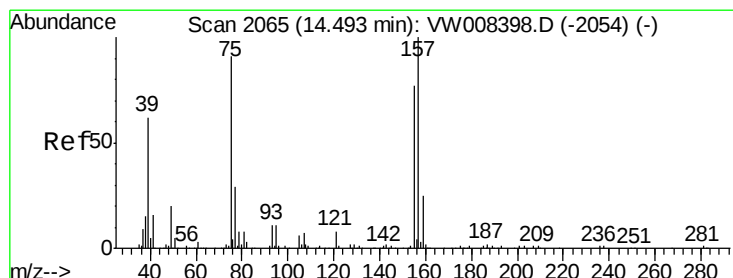
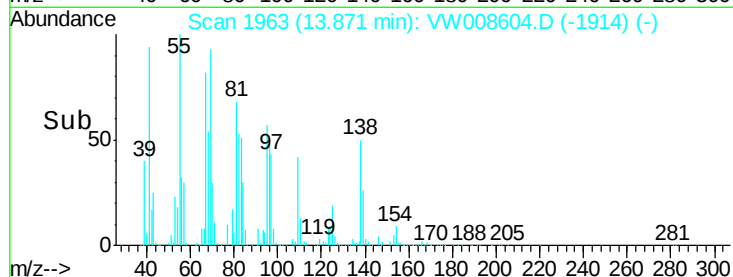
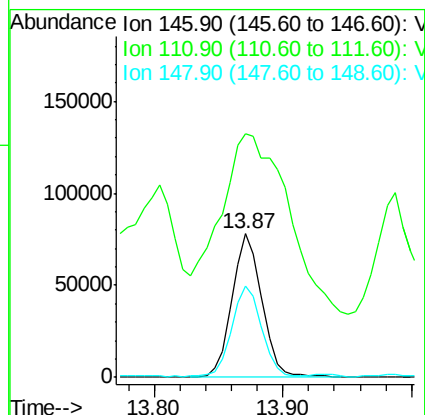
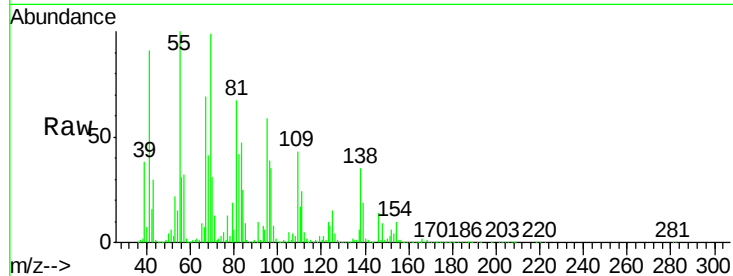
#91
1,2-Dichlorobenzene
Concen: 27.267 ug/l
RT: 13.87 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VW008604.D
Acq: 11 Feb 2019 18:15

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

Tot Ion	Ratio	Lower	Upper
146	100		
111	287.3	21.1	63.3#
148	62.9	31.9	95.5

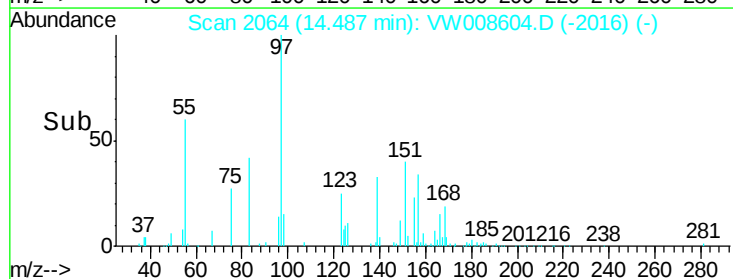
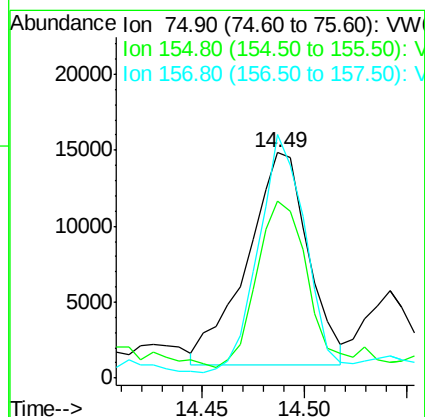
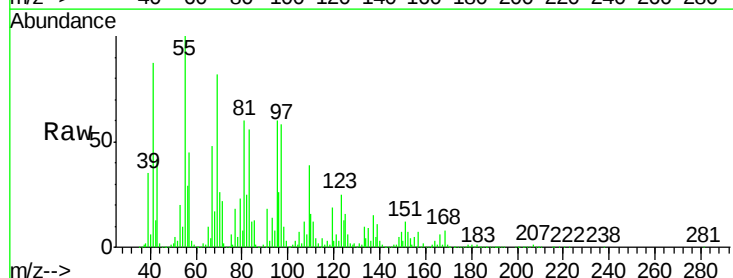
Manual Integrations
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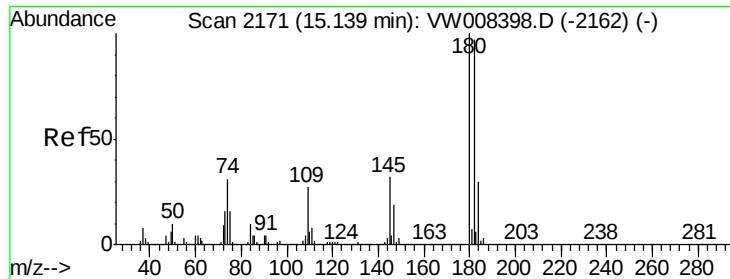
MMDadoda
2/12/2019 1:43:16 PM



#92
1,2-Dibromo-3-Chloropropane
Concen: 82.445 ug/l
RT: 14.49 min Scan# 2064
Delta R.T. -0.01 min
Lab File: VW008604.D
Acq: 11 Feb 2019 18:15

Tgt Ion	Ratio	Lower	Upper
75	100		
155	64.5	42.7	128.1
157	87.2	55.5	166.3





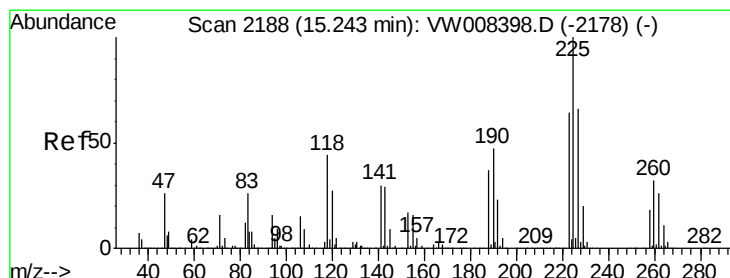
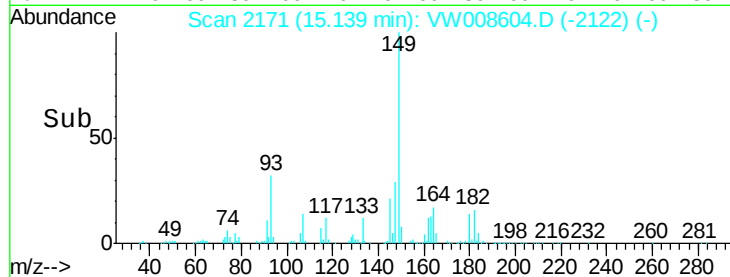
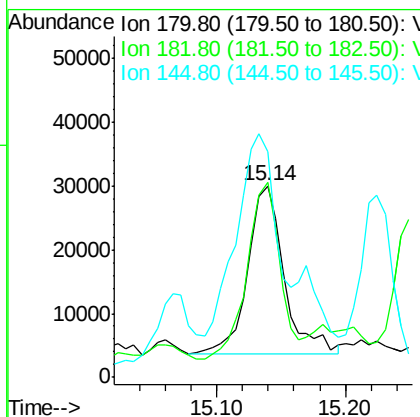
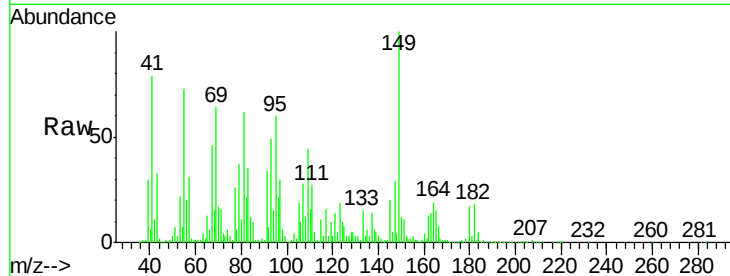
#93
 1,2,4-Trichlorobenzene
 Concen: 15.790 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW008604.D
 Acq: 11 Feb 2019 18:15

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

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.9	143.7
145	127.7	15.5	46.5#

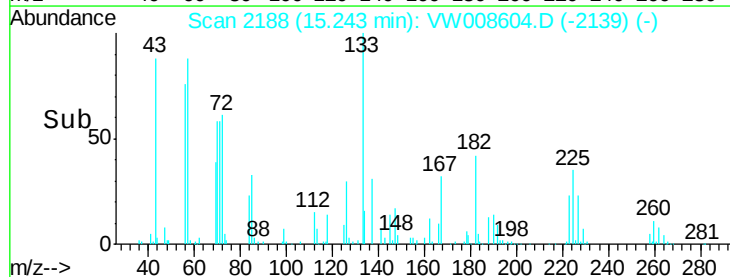
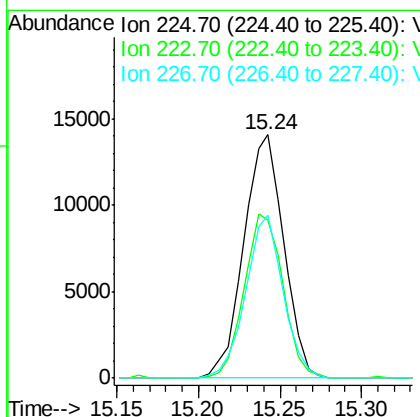
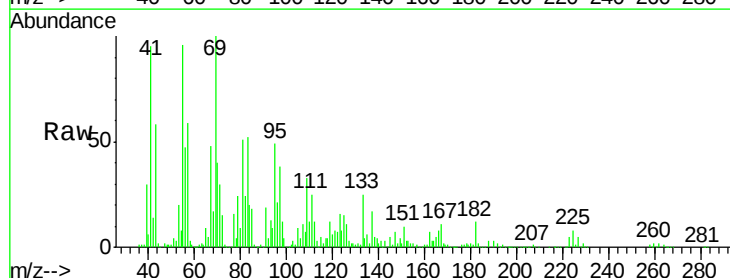
Manual Integrations
 APPROVED

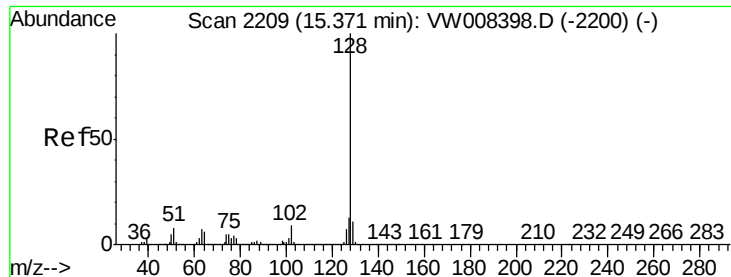
MMDadoda
 2/12/2019 1:43:16 PM



#94
 Hexachlorobutadiene
 Concen: 12.135 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW008604.D
 Acq: 11 Feb 2019 18:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.3	31.7	95.1
227	62.9	32.1	96.3





#95

Naphthalene

Concen: 27.760 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW008604.D

Acq: 11 Feb 2019 18:15

Instrument :

MSVOA_W

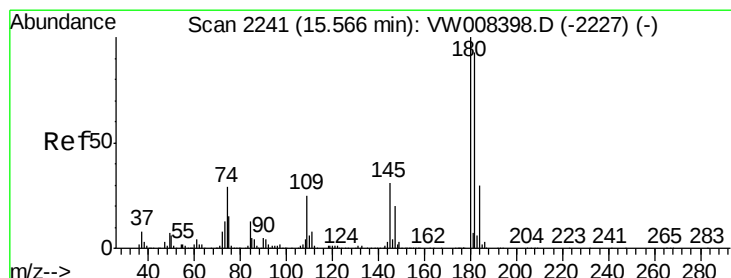
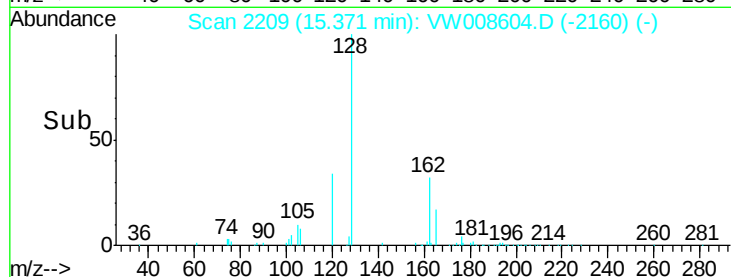
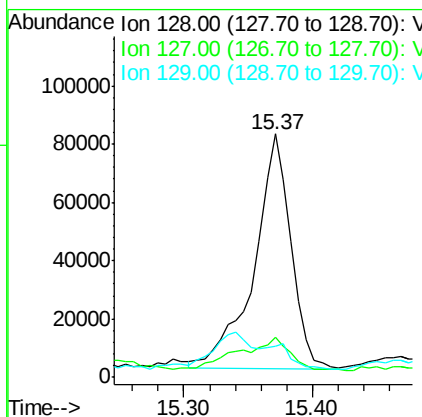
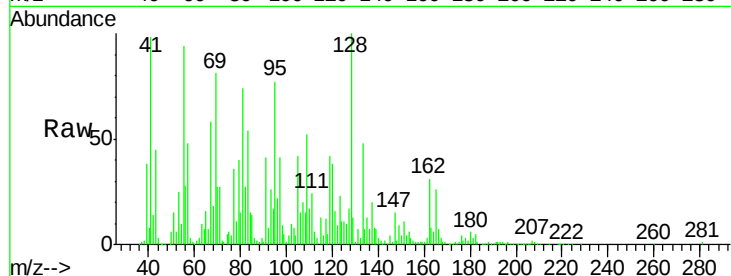
ClientSampleId :

SB-10(0-5)MS

Tot Ion:	128	Resp:	159815
Ion Ratio	Lower	Upper	
128	100		
127	19.4	10.6	15.8#
129	0.0	8.7	13.1#

Manual Integrations
APPROVED

MMDadoda
2/12/2019 1:43:16 PM



#96

1,2,3-Trichlorobenzene

Concen: 19.421 ug/l

RT: 15.56 min Scan# 2240

Delta R.T. -0.01 min

Lab File: VW008604.D

Acq: 11 Feb 2019 18:15

Tgt Ion:	180	Resp:	54017
Ion Ratio	Lower	Upper	
180	100		
182	63.3	47.0	141.2
145	0.0	15.9	47.6#

