

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041819\
 Data File : VW010058.D
 Acq On : 18 Apr 2019 21:08
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/19/2019 12:53:09 PM

Quant Time: Apr 19 02:53:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W041719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 18 11:26:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	331359	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	544335	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	525300	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	273631	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	231178	56.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.06%	
35) Dibromofluoromethane	7.88	113	180856	52.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.52%	
50) Toluene-d8	10.32	98	676083	52.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.28%	
62) 4-Bromofluorobenzene	12.62	95	253540	53.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	109064	43.167	ug/l	98
3) Chloromethane	2.22	50	125057	49.496	ug/l	98
4) Vinyl Chloride	2.37	62	142176	48.410	ug/l	97
5) Bromomethane	2.77	94	103941	52.662	ug/l	98
6) Chloroethane	2.92	64	101589	52.940	ug/l	97
7) Trichlorofluoromethane	3.25	101	72793	35.848	ug/l	97
8) Diethyl Ether	3.67	74	89855	53.197	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.05	101	165028	48.298	ug/l	99
10) Methyl Iodide	4.26	142	251157	53.190	ug/l	99
11) Tert butyl alcohol	5.18	59	72478	311.169	ug/l	99
12) 1,1-Dichloroethene	4.03	96	171274	52.285	ug/l	94
13) Acrolein	3.89	56	60966	248.799	ug/l	96
14) Allyl chloride	4.65	41	239066	41.049	ug/l	98
15) Acrylonitrile	5.36	53	253682	291.836	ug/l	99
16) Acetone	4.12	43	216472	228.161	ug/l	94
17) Carbon Disulfide	4.38	76	487607	49.426	ug/l	99
18) Methyl Acetate	4.67	43	134091	61.066	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	251852	59.192	ug/l	100
20) Methylene Chloride	4.91	84	210541	57.736	ug/l	95
21) trans-1,2-Dichloroethene	5.41	96	195554	55.128	ug/l	96
22) Diisopropyl ether	6.31	45	667387	56.495	ug/l	98
23) Vinyl Acetate	6.25	43	2351341	316.185	ug/l	99
24) 1,1-Dichloroethane	6.21	63	376597	53.328	ug/l	98
25) 2-Butanone	7.17	43	417559	335.035	ug/l	97
26) 2,2-Dichloropropane	7.16	77	162404	41.567	ug/l	97
27) cis-1,2-Dichloroethene	7.16	96	215492	55.237	ug/l	99
28) Bromochloromethane	7.51	49	172290	59.699	ug/l	96
29) Tetrahydrofuran	7.52	42	279155	353.493	ug/l	99
30) Chloroform	7.67	83	386207	54.578	ug/l	100
31) Cyclohexane	7.95	56	324201	49.025	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	269966	48.598	ug/l	99
36) 1,1-Dichloropropene	8.08	75	289788	52.118	ug/l	99
37) Ethyl Acetate	7.25	43	189281	66.992	ug/l	99
38) Carbon Tetrachloride	8.06	117	266936	49.190	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	323451	47.858	ug/l	97
40) Benzene	8.32	78	829241	54.544	ug/l	99
41) Methacrylonitrile	7.48	41	109848	68.216	ug/l	97
42) 1,2-Dichloroethane	8.40	62	299814	57.383	ug/l	100
43) Isopropyl Acetate	8.42	43	345207	65.200	ug/l	97
44) Trichloroethene	9.09	130	201768	52.252	ug/l	100
45) 1,2-Dichloropropane	9.37	63	222317	55.632	ug/l	98
46) Dibromomethane	9.45	93	124317	60.021	ug/l	99
47) Bromodichloromethane	9.64	83	302400	56.559	ug/l	99
48) Methyl methacrylate	9.43	41	167497	64.990	ug/l	98
49) 1,4-Dioxane	9.45	88	43221	1365.687	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	964642	347.863	ug/l	100
52) Toluene	10.38	92	519683	54.874	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	304298	57.404	ug/l	95
54) cis-1,3-Dichloropropene	10.07	75	340661	56.280	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	170937	59.130	ug/l	98
56) Ethyl methacrylate	10.65	69	249493	61.509	ug/l	99
57) 1,3-Dichloropropane	10.93	76	313952	60.591	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	621194	375.333	ug/l	100
59) 2-Hexanone	10.97	43	676933	350.680	ug/l	100
60) Dibromochloromethane	11.13	129	198005	59.261	ug/l	99
61) 1,2-Dibromoethane	11.23	107	167125	60.772	ug/l	99
64) Tetrachloroethene	10.86	164	191107	56.042	ug/l	99
65) Chlorobenzene	11.66	112	549682	51.126	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	206440	53.693	ug/l	99
67) Ethyl Benzene	11.73	91	1001513	52.210	ug/l	99
68) m/p-Xylenes	11.84	106	750219	104.626	ug/l	99
69) o-Xylene	12.16	106	351815	53.885	ug/l	98
70) Styrene	12.18	104	640007	56.853	ug/l	99
71) Bromoform	12.35	173	118302	58.189	ug/l #	100
73) Isopropylbenzene	12.46	105	949256	49.845	ug/l	100
74) N-amyl acetate	12.27	43	331238	62.807	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	221668	58.915	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	160175m	58.487	ug/l	
77) Bromobenzene	12.75	156	233471	53.305	ug/l	98
78) n-propylbenzene	12.80	91	1177327	49.881	ug/l	99
79) 2-Chlorotoluene	12.89	91	686184	50.549	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	839557	51.994	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	66495	57.252	ug/l	98
82) 4-Chlorotoluene	12.99	91	730433	51.127	ug/l	99
83) tert-Butylbenzene	13.21	119	671778	50.239	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	850003	51.921	ug/l	100
85) sec-Butylbenzene	13.38	105	970258	48.555	ug/l	99
86) p-Isopropyltoluene	13.50	119	893653	50.739	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	449643	50.786	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	444340	50.280	ug/l	99
89) n-Butylbenzene	13.83	91	871085	49.920	ug/l	99
90) Hexachloroethane	14.10	117	168105	49.833	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	419218	52.808	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	41311	61.353	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	272779	52.084	ug/l	99
94) Hexachlorobutadiene	15.24	225	154061	48.441	ug/l	99
95) Naphthalene	15.37	128	594714	56.816	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	258236	56.833	ug/l	99

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

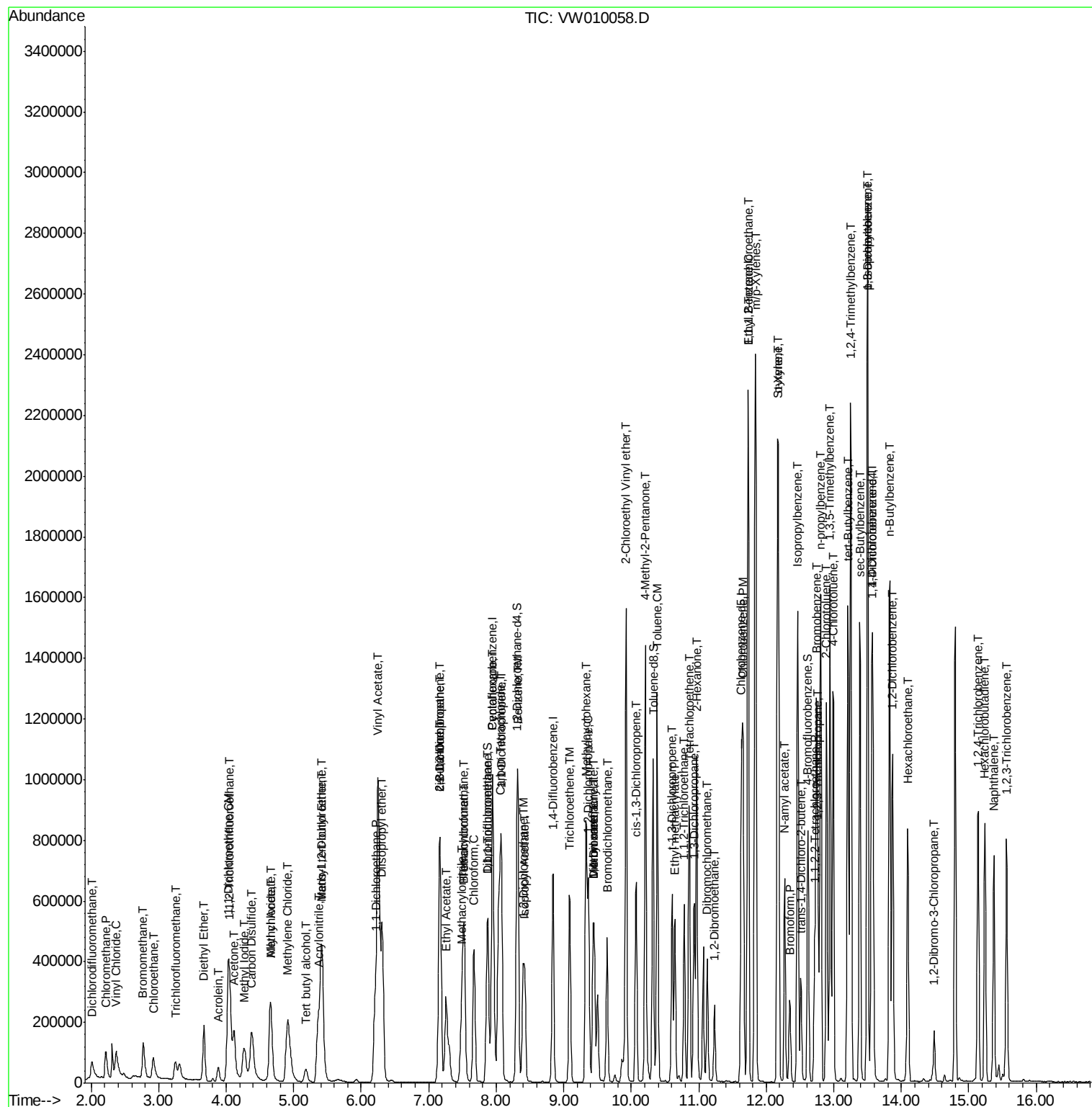
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041819\
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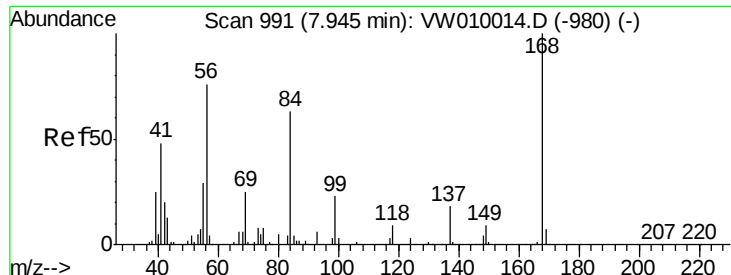
Instrument :
MSVOA_W
Client Sample Id :
VSTDCCC050EC

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW010058.D

Acq: 18 Apr 2019 21:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 331359

Ion Ratio Lower Upper

168 100

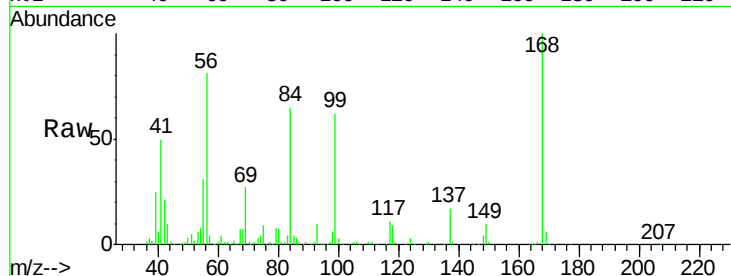
99 61.7 48.4 72.6

Manual Integrations

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4/19/2019 12:53:09 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

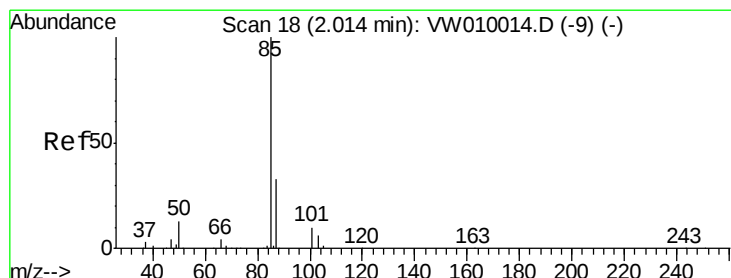
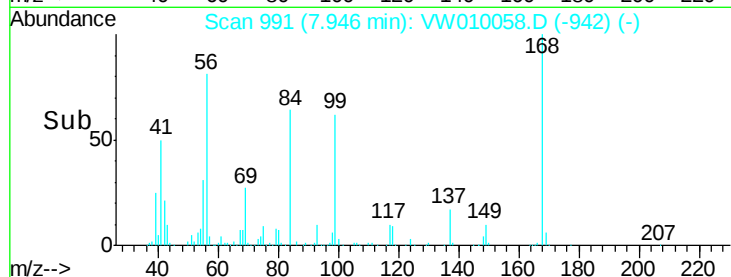
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 43.167 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW010058.D

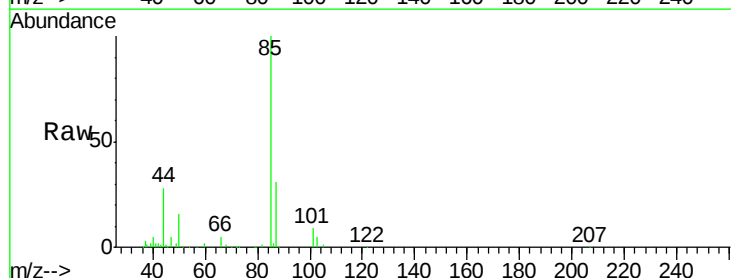
Acq: 18 Apr 2019 21:08

Tgt Ion: 85 Resp: 109064

Ion Ratio Lower Upper

85 100

87 31.5 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

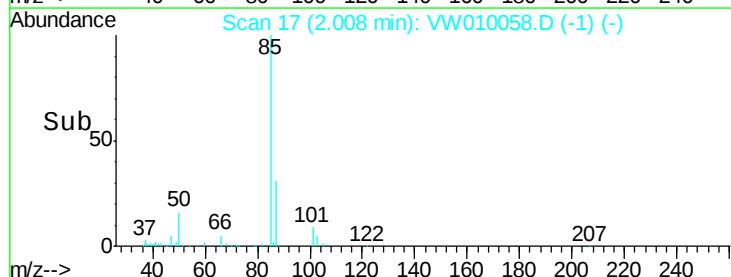
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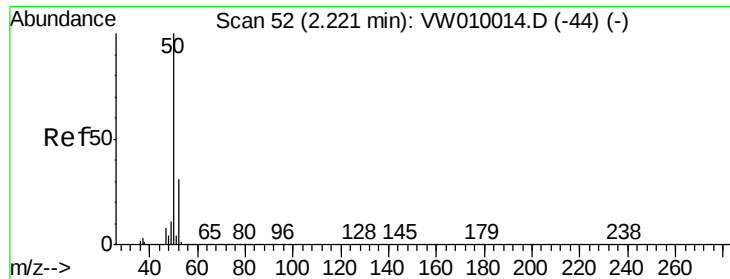
20000

10000

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Time-->





#3

Chloromethane

Concen: 49.496 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.00 min

Lab File: VW010058.D

Acq: 18 Apr 2019 21:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 125057

Ion Ratio Lower Upper

50 100

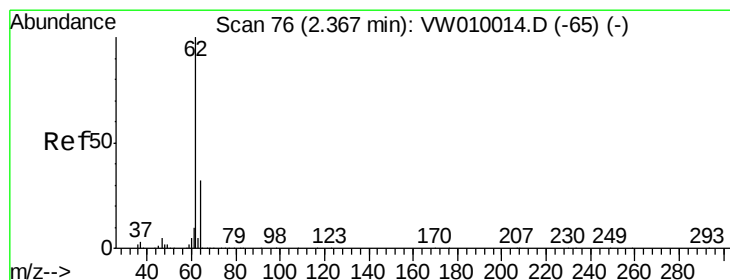
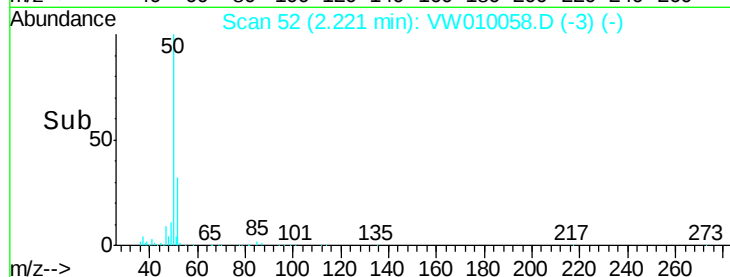
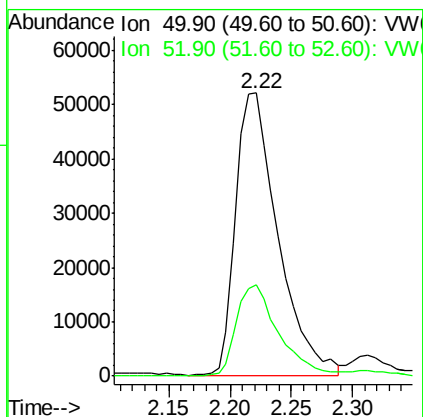
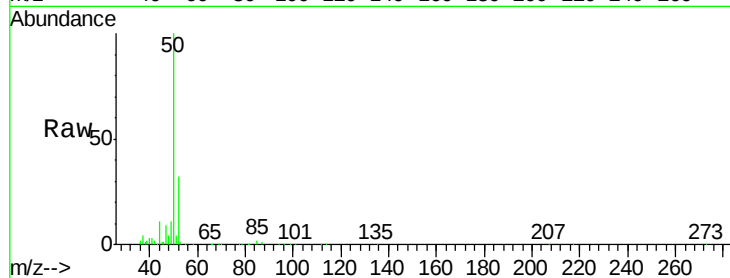
52 32.2 25.0 37.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 48.410 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW010058.D

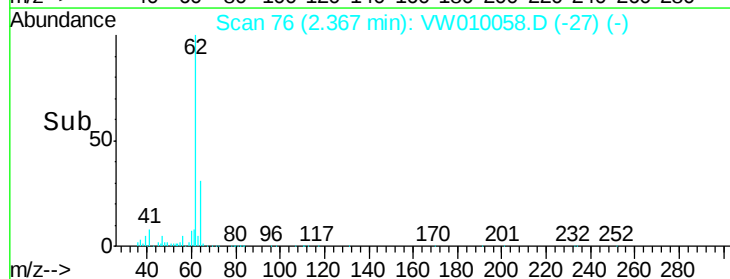
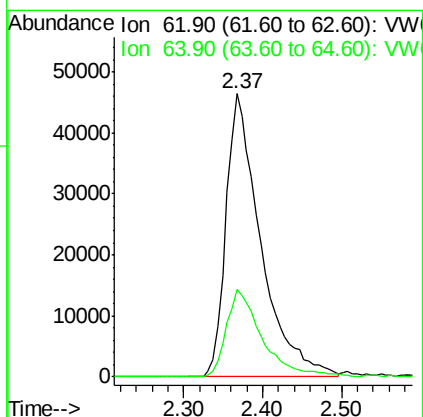
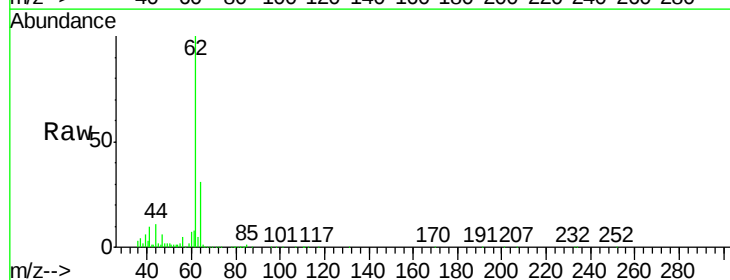
Acq: 18 Apr 2019 21:08

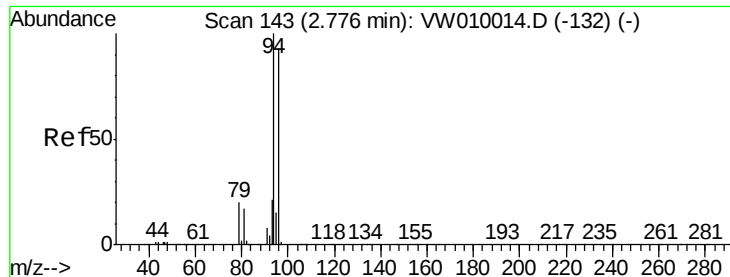
Tgt Ion: 62 Resp: 142176

Ion Ratio Lower Upper

62 100

64 30.8 25.9 38.9





#5

Bromomethane

Concen: 52.662 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW010058.D

Acq: 18 Apr 2019 21:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 103941

Ion Ratio Lower Upper

94 100

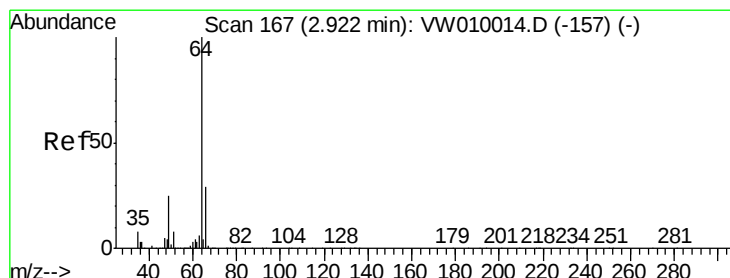
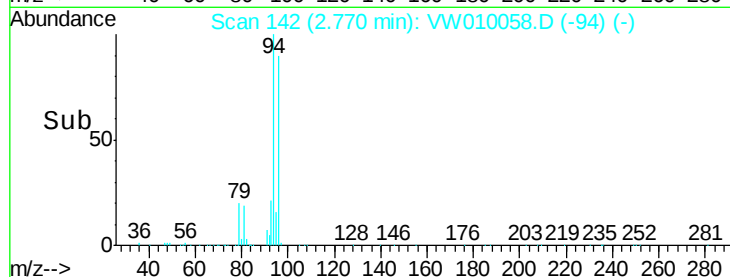
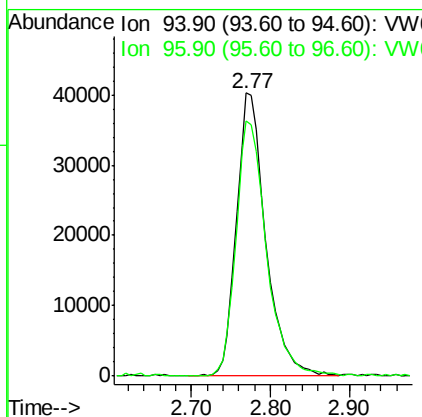
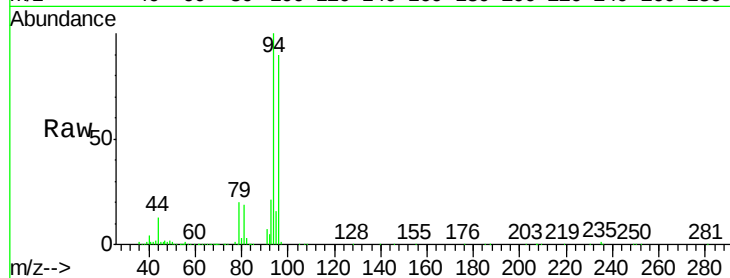
96 90.3 74.2 111.2

Manual Integrations

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#6

Chloroethane

Concen: 52.940 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.00 min

Lab File: VW010058.D

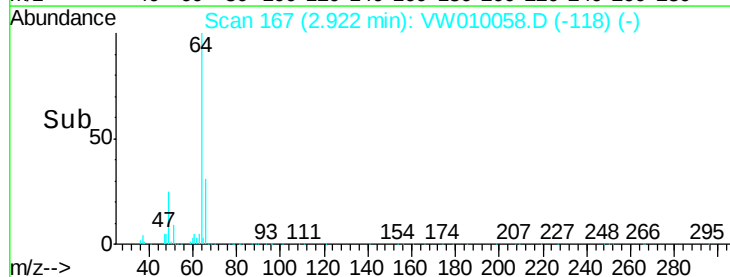
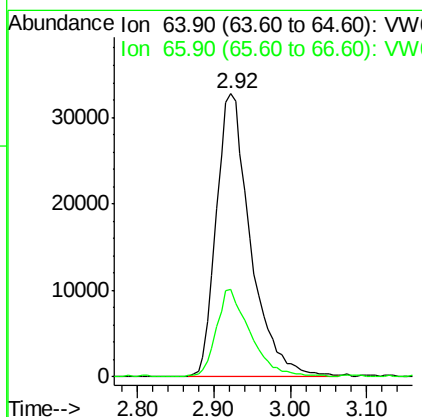
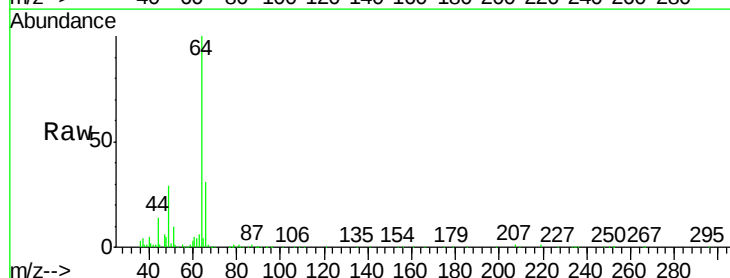
Acq: 18 Apr 2019 21:08

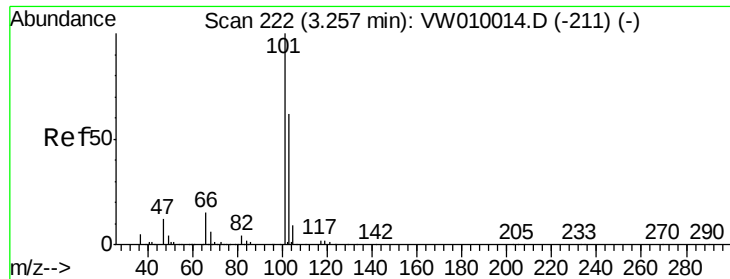
Tgt Ion: 64 Resp: 101589

Ion Ratio Lower Upper

64 100

66 30.7 23.4 35.0





#7

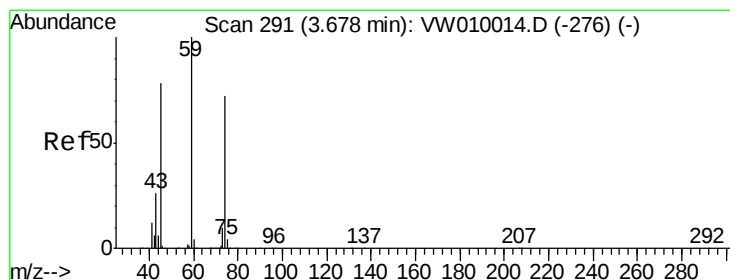
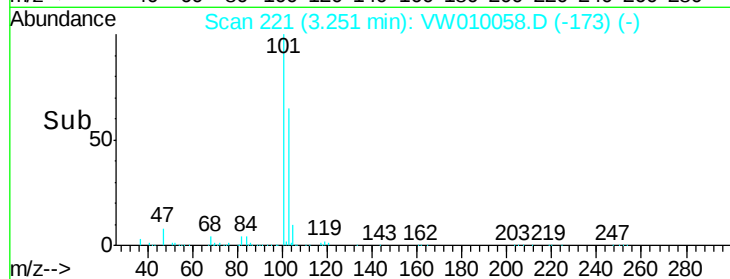
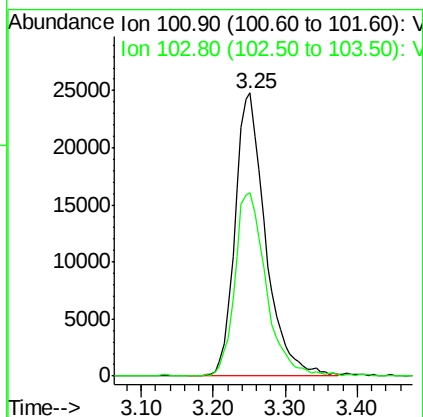
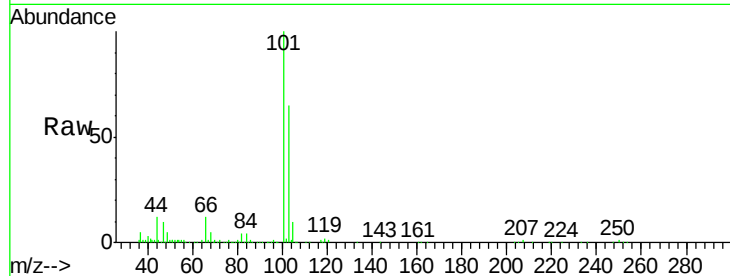
Trichlorofluoromethane
Concen: 35.848 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.01 min
Lab File: VW010058.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.8	49.8	74.6

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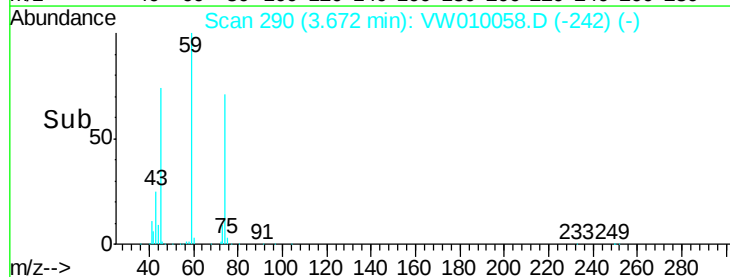
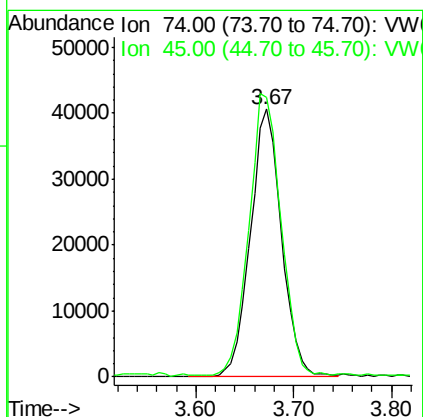
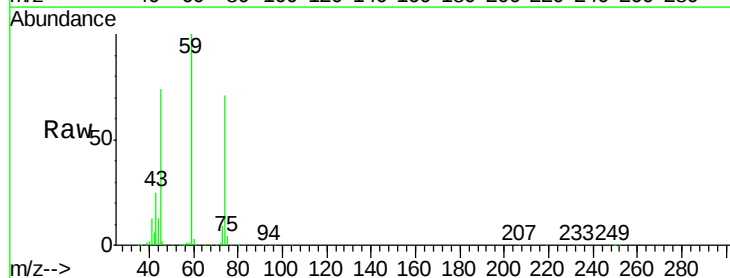
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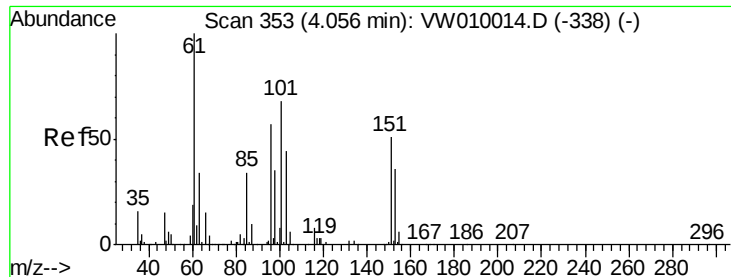


#8

Diethyl Ether
Concen: 53.197 ug/l
RT: 3.67 min Scan# 290
Delta R.T. -0.01 min
Lab File: VW010058.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	108.2	56.0	168.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.298 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.01 min

Lab File: VW010058.D

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MSVOA_W

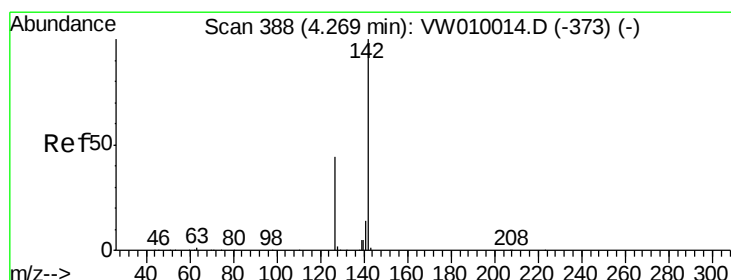
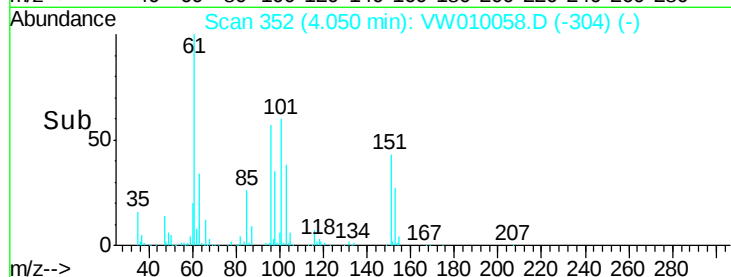
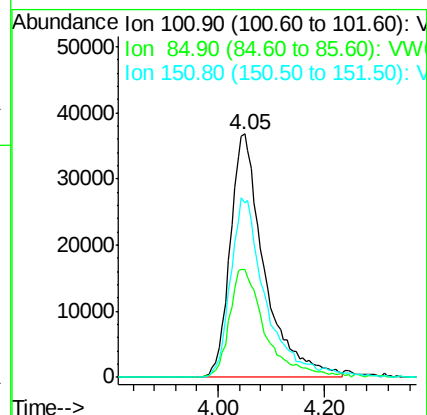
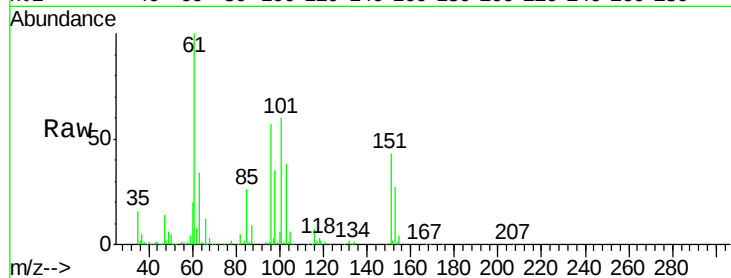
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	165028
Ion Ratio	Lower	Upper	
101	100		
85	45.6	36.3	54.5
151	73.7	60.2	90.2

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#10

Methyl Iodide

Concen: 53.190 ug/l

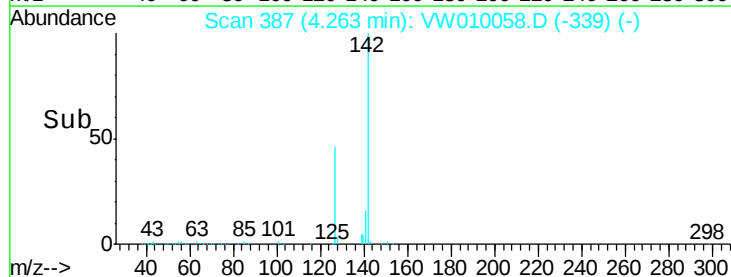
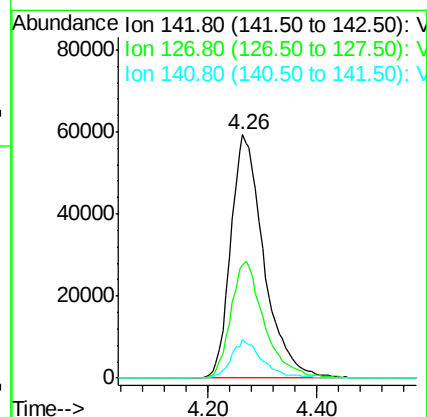
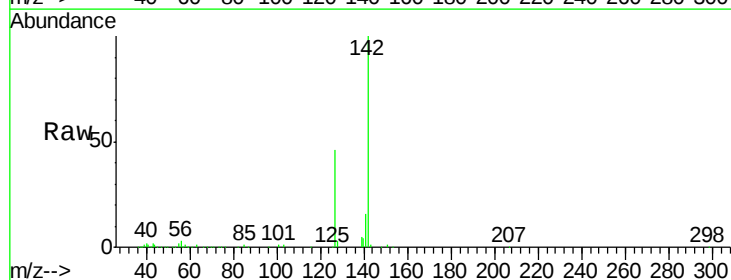
RT: 4.26 min Scan# 387

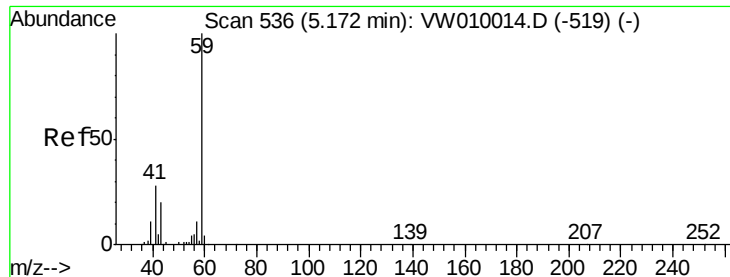
Delta R.T. -0.01 min

Lab File: VW010058.D

Acq: 18 Apr 2019 21:08

Tgt Ion:	142	Resp:	251157
Ion Ratio	Lower	Upper	
142	100		
127	48.4	38.1	57.1
141	14.8	12.2	18.2





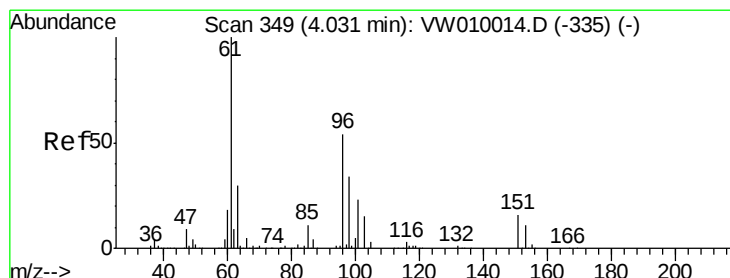
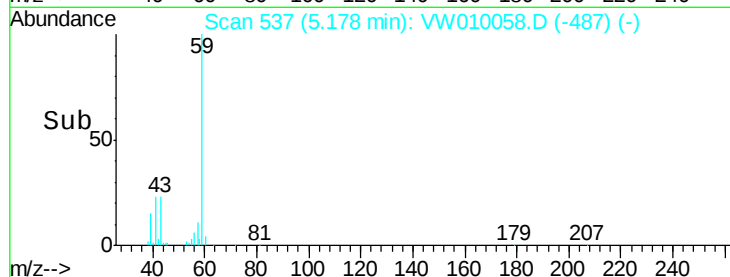
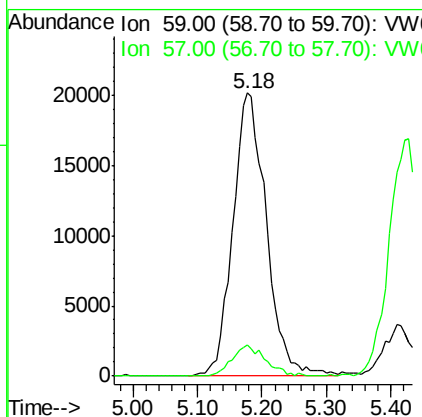
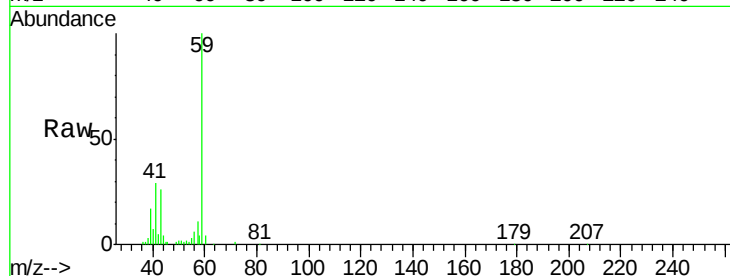
#11
Tert butyl alcohol
Concen: 311.169 ug/l
RT: 5.18 min Scan# 537
Delta R.T. 0.01 min
Lab File: VW010058.D
Acq: 18 Apr 2019 21:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 59 Resp: 72478
Ion Ratio Lower Upper
59 100
57 10.8 9.0 13.4

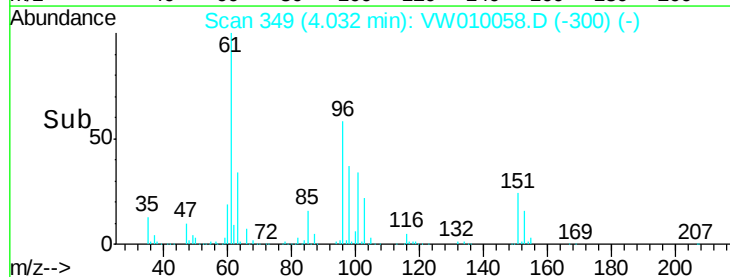
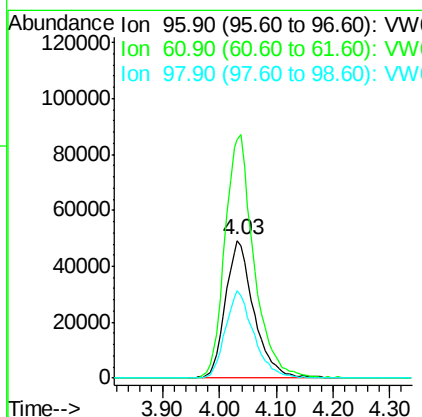
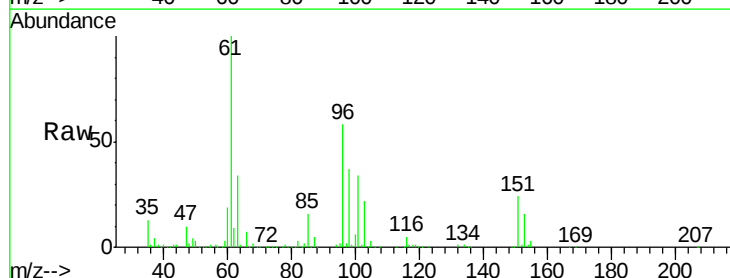
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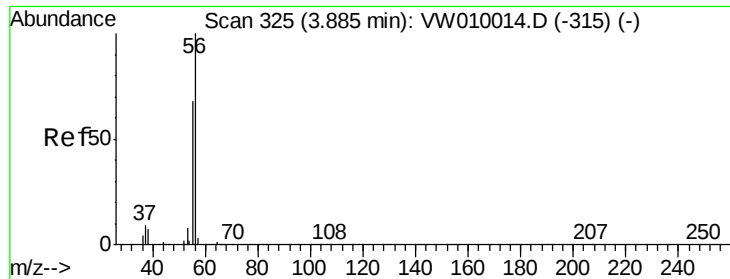
MMDadoda
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#12
1,1-Dichloroethene
Concen: 52.285 ug/l
RT: 4.03 min Scan# 349
Delta R.T. 0.00 min
Lab File: VW010058.D
Acq: 18 Apr 2019 21:08

Tgt Ion: 96 Resp: 171274
Ion Ratio Lower Upper
96 100
61 173.4 147.4 221.2
98 63.4 49.7 74.5





#13

Acrolein

Concen: 248.799 ug/l

RT: 3.89 min Scan# 325

Delta R.T. 0.00 min

Lab File: VW010058.D

Acq: 18 Apr 2019 21:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 60966

Ion Ratio Lower Upper

56 100

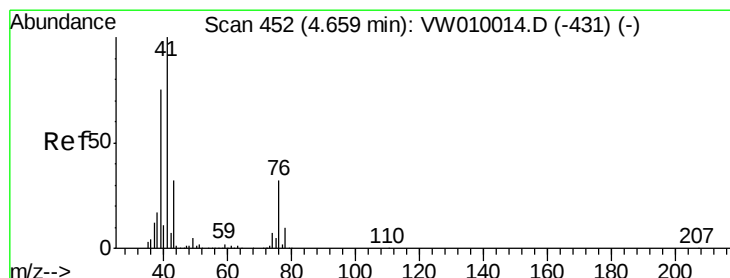
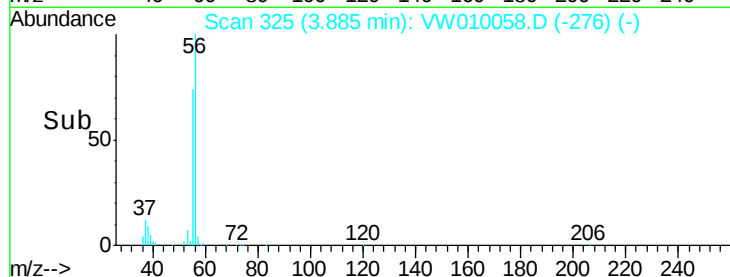
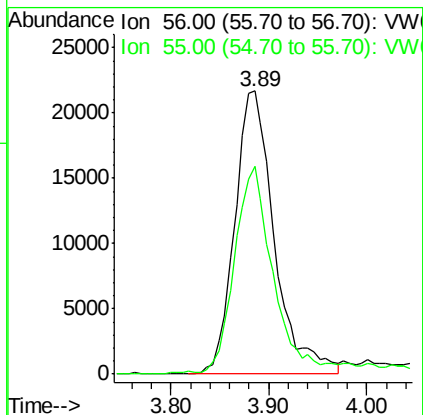
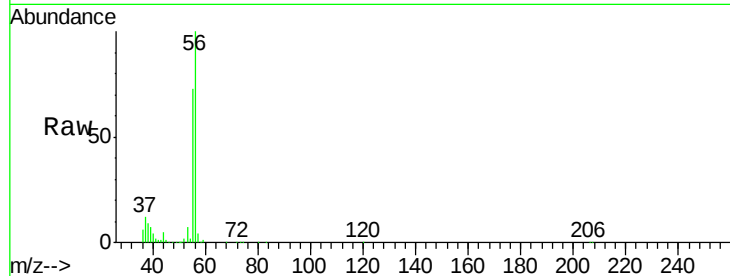
55 71.1 54.2 81.2

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#14

Allyl chloride

Concen: 41.049 ug/l

RT: 4.65 min Scan# 451

Delta R.T. -0.01 min

Lab File: VW010058.D

Acq: 18 Apr 2019 21:08

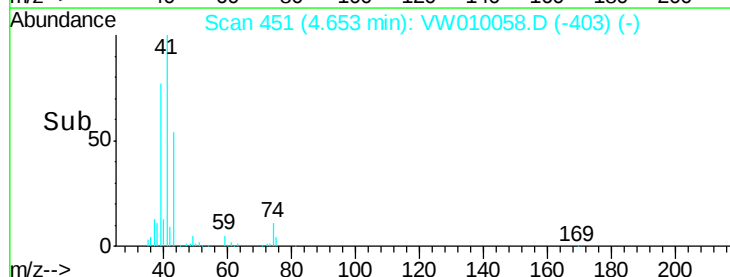
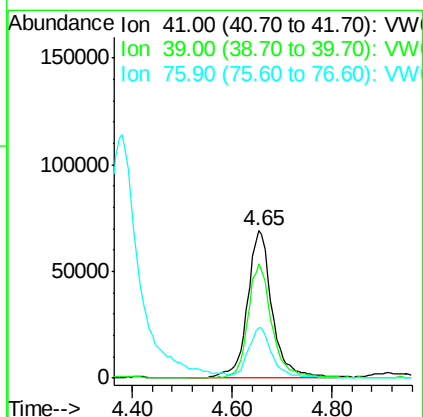
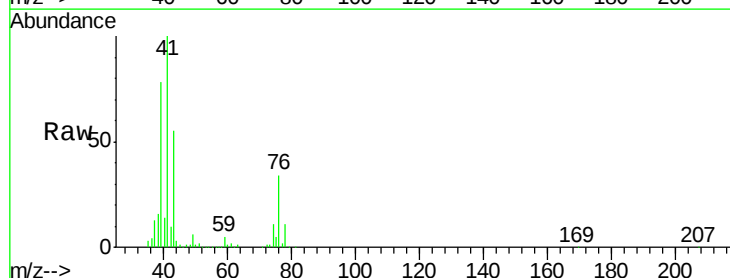
Tgt Ion: 41 Resp: 239066

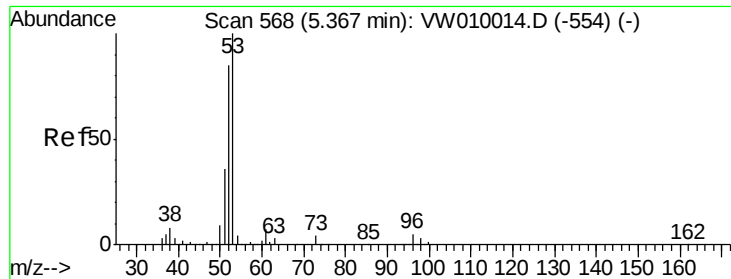
Ion Ratio Lower Upper

41 100

39 73.3 60.2 90.4

76 32.6 25.0 37.6





#15

Acrylonitrile

Concen: 291.836 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW010058.D

Acq: 18 Apr 2019 21:08

Instrument :

MSVOA_W

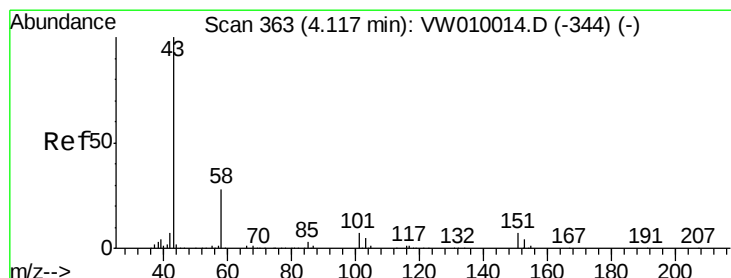
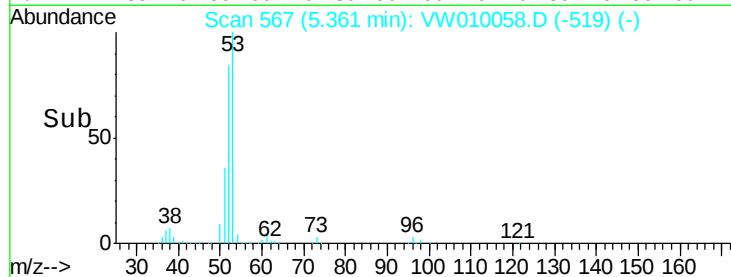
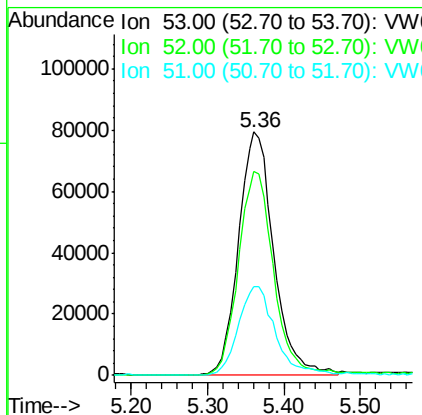
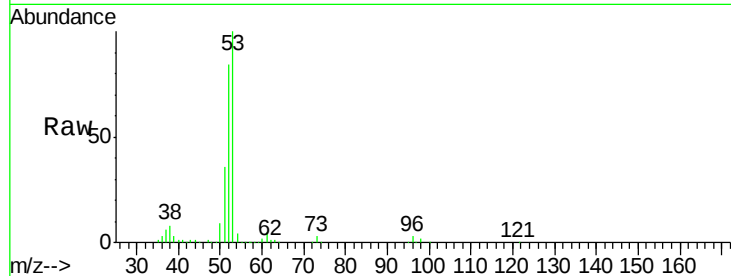
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	253682
Ion Ratio	Lower	Upper	
53	100		
52	83.9	66.6	100.0
51	38.4	30.3	45.5

Manual Integrations
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#16

Acetone

Concen: 228.161 ug/l

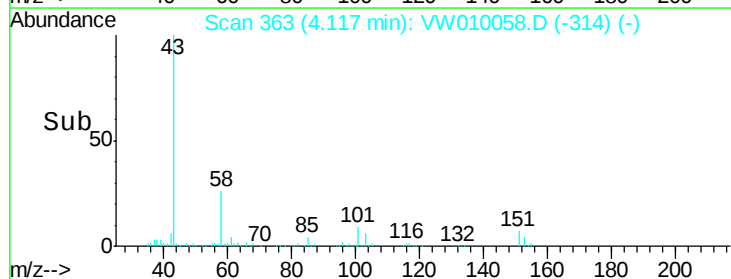
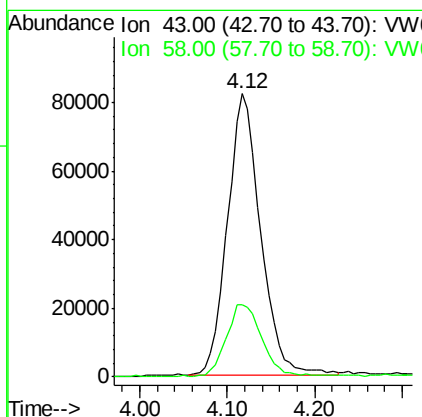
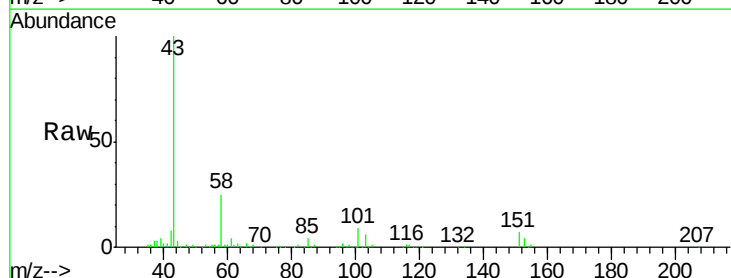
RT: 4.12 min Scan# 363

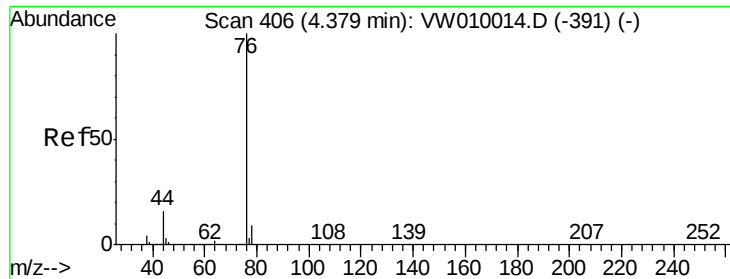
Delta R.T. 0.00 min

Lab File: VW010058.D

Acq: 18 Apr 2019 21:08

Tgt Ion:	43	Resp:	216472
Ion Ratio	Lower	Upper	
43	100		
58	25.4	22.7	34.1





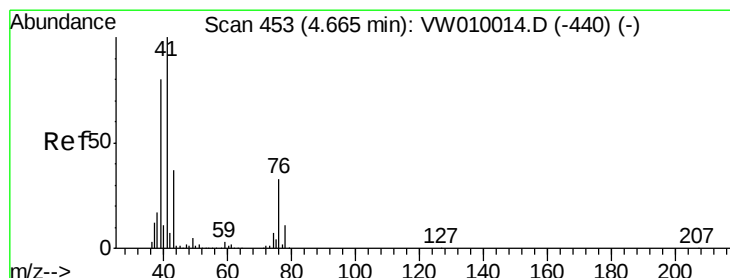
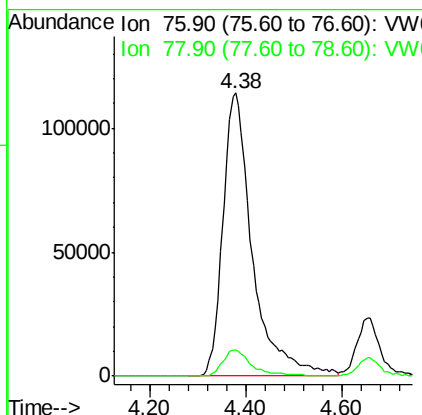
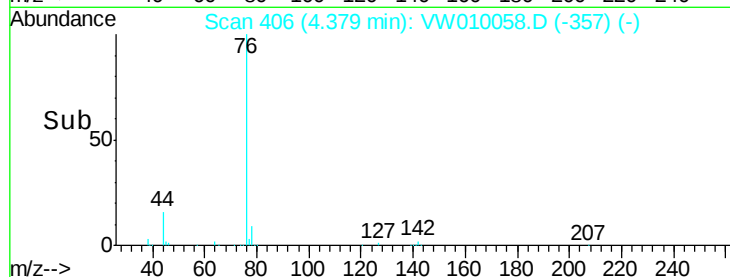
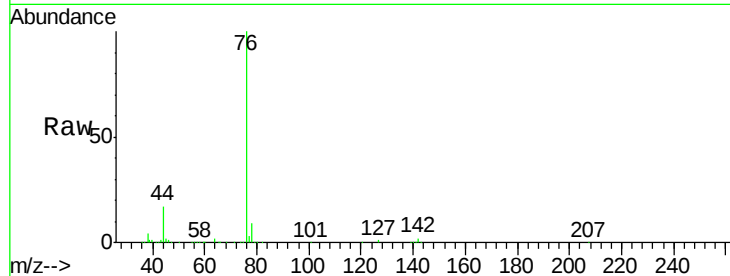
#17
Carbon Disulfide
Concen: 49.426 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW010058.D
Acq: 18 Apr 2019 21:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.4	11.2

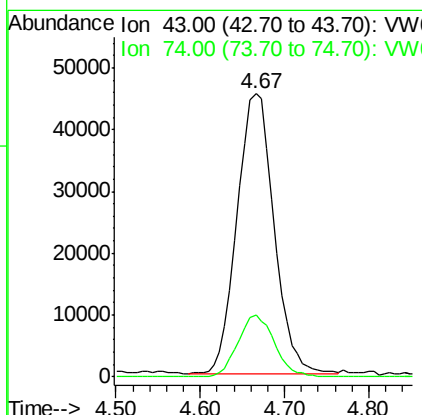
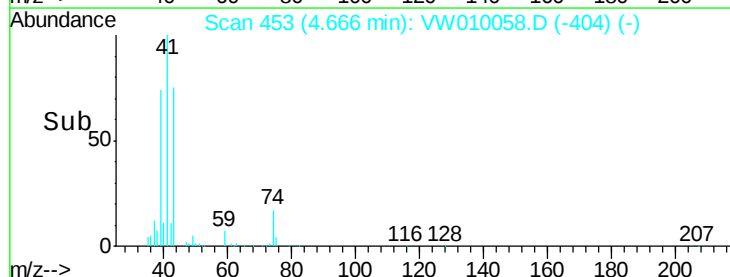
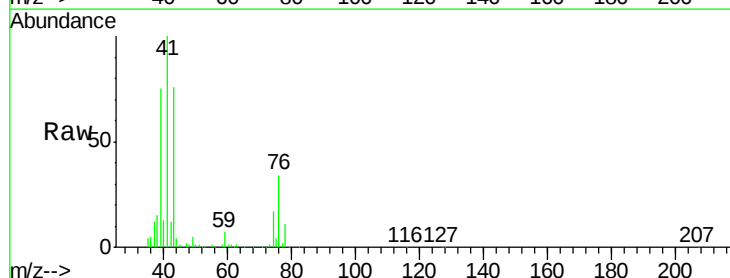
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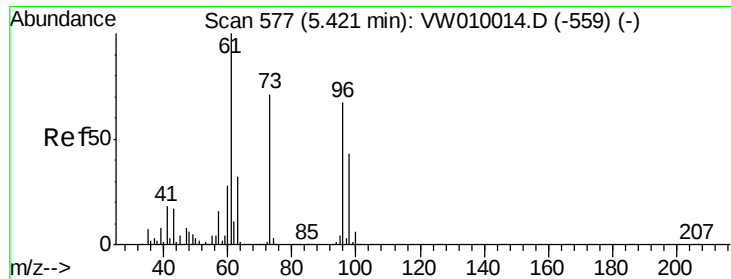
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#18
Methyl Acetate
Concen: 61.066 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW010058.D
Acq: 18 Apr 2019 21:08

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.1	16.8	25.2





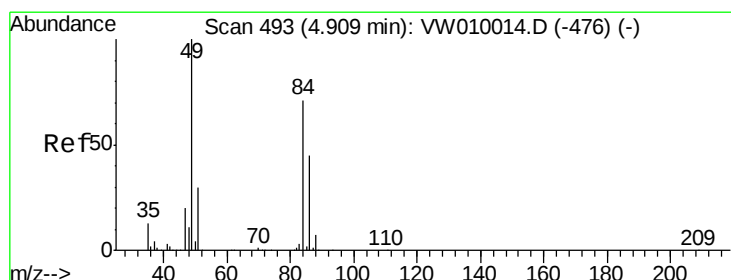
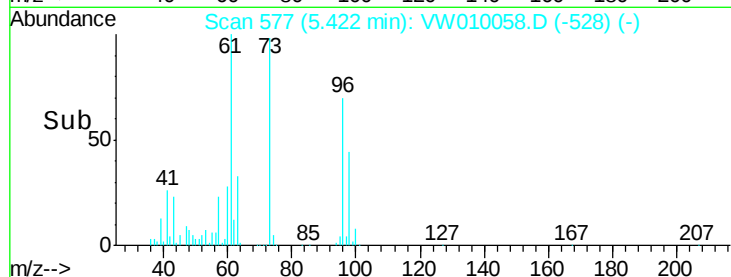
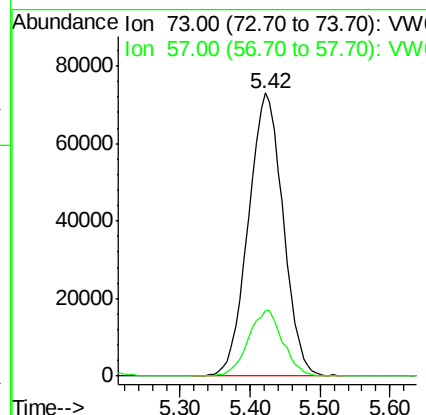
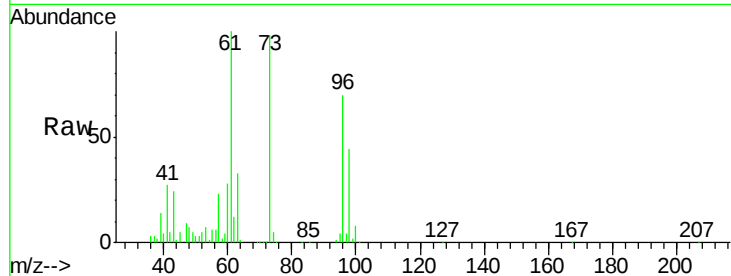
#19
Methyl tert-butyl Ether
Concen: 59.192 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW010058.D
Acq: 18 Apr 2019 21:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.0	18.5	27.7

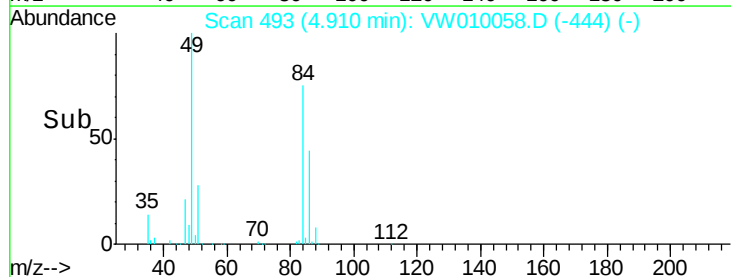
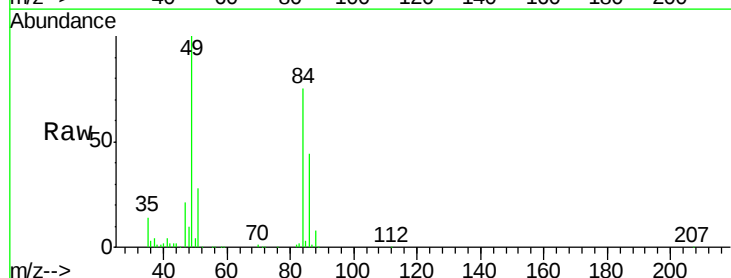
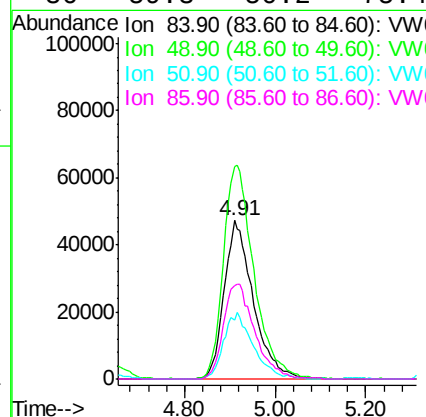
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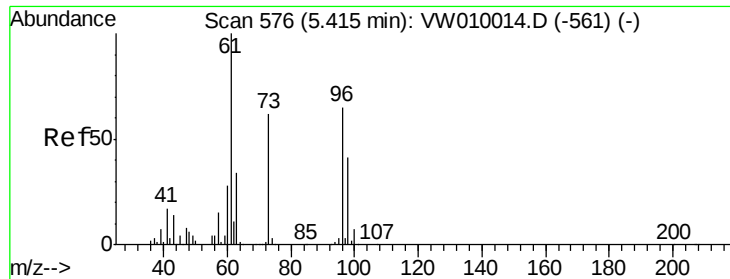
MMDadoda
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#20
Methylene Chloride
Concen: 57.736 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW010058.D
Acq: 18 Apr 2019 21:08

Tgt Ion	Ratio	Lower	Upper
84	100		
49	133.9	112.3	168.5
51	37.6	33.9	50.9
86	59.3	50.2	75.4





#21

trans-1,2-Dichloroethene

Concen: 55.128 ug/l

RT: 5.41 min Scan# 575

Delta R.T. -0.01 min

Lab File: VW010058.D

Acq: 18 Apr 2019 21:08

Instrument :

MSVOA_W

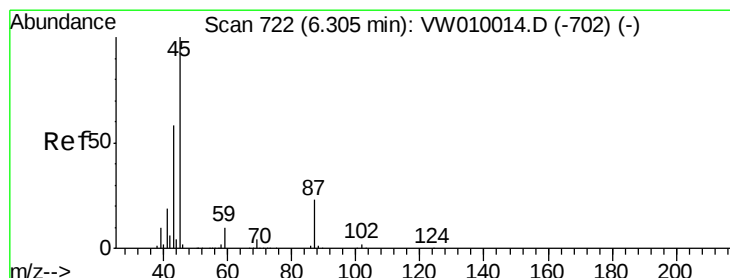
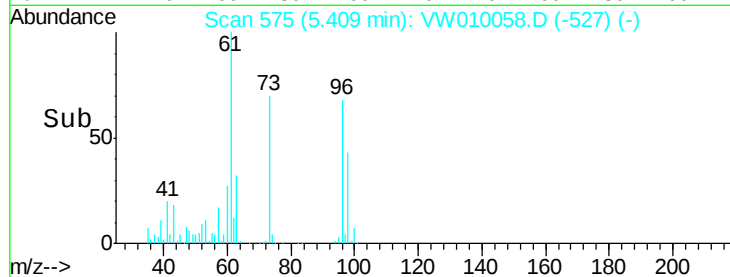
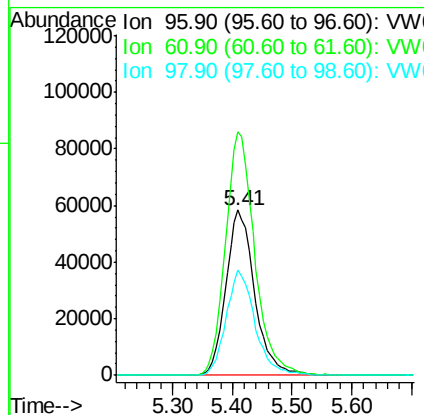
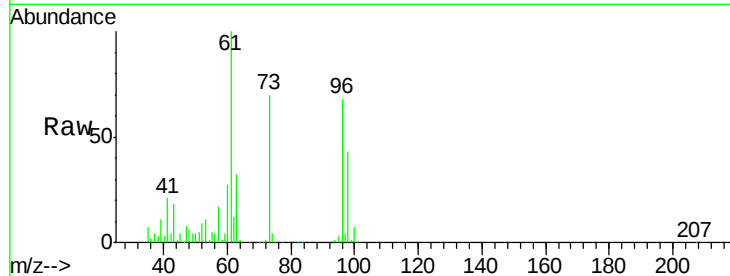
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	195554
Ion	Ratio	Lower	Upper
96	100		
61	147.1	122.3	183.5
98	64.1	50.5	75.7

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#22

Diisopropyl ether

Concen: 56.495 ug/l

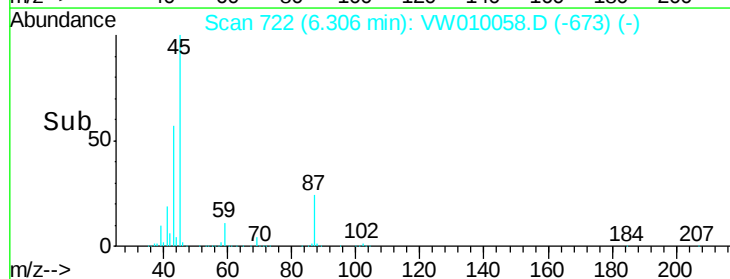
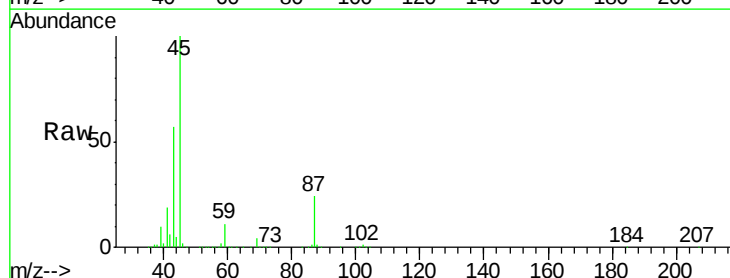
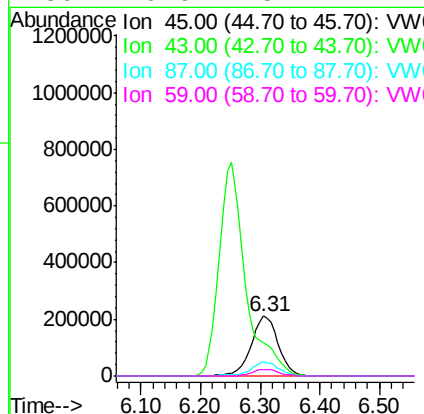
RT: 6.31 min Scan# 722

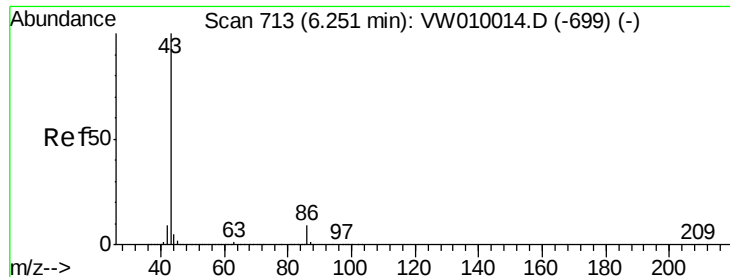
Delta R.T. 0.00 min

Lab File: VW010058.D

Acq: 18 Apr 2019 21:08

Tgt Ion:	45	Resp:	667387
Ion	Ratio	Lower	Upper
45	100		
43	56.2	46.1	69.1
87	24.0	18.3	27.5
59	10.6	8.2	12.4





#23

Vinyl Acetate

Concen: 316.185 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW010058.D

Acq: 18 Apr 2019 21:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2351341

Ion Ratio Lower Upper

43 100

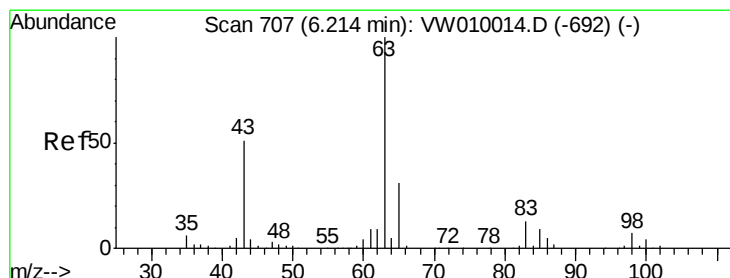
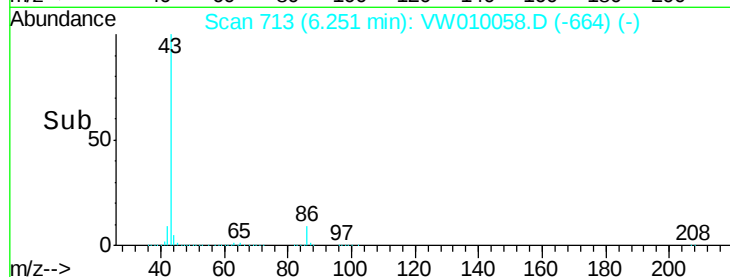
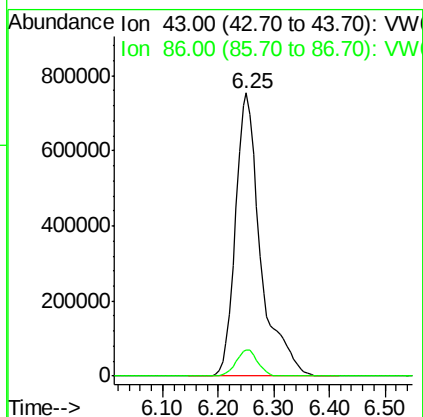
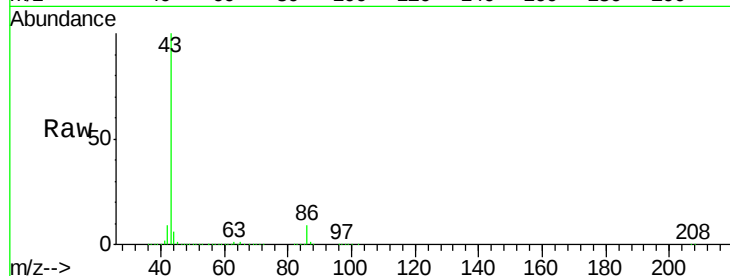
86 9.1 7.0 10.6

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 53.328 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW010058.D

Acq: 18 Apr 2019 21:08

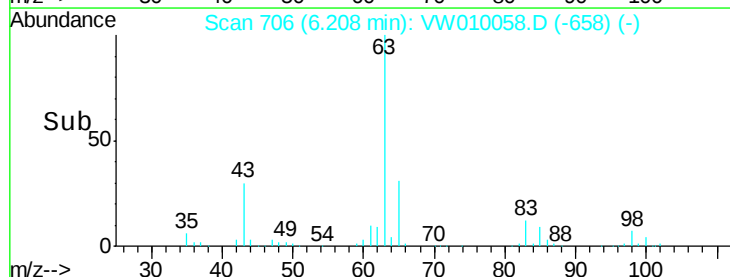
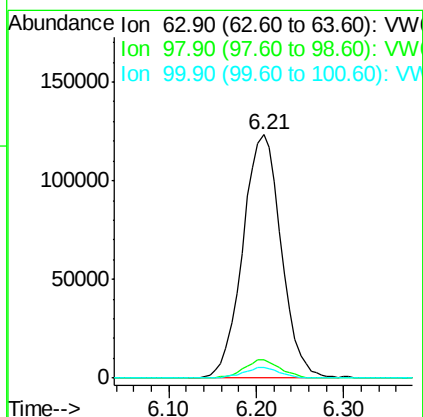
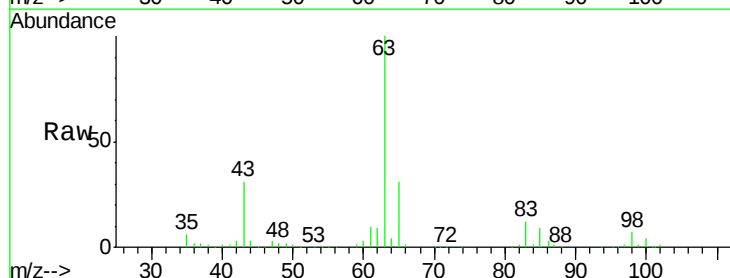
Tgt Ion: 63 Resp: 376597

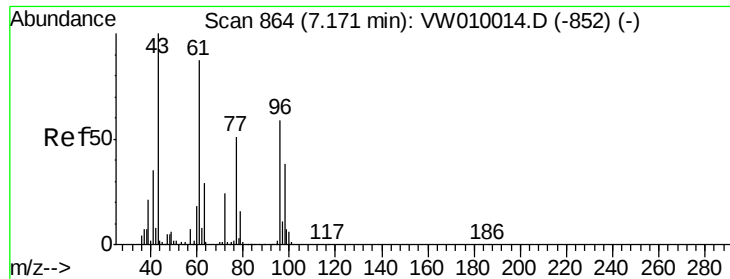
Ion Ratio Lower Upper

63 100

98 7.3 3.3 9.8

100 4.2 2.0 6.0





#25

2-Butanone

Concen: 335.035 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW010058.D

Acq: 18 Apr 2019 21:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 417559

Ion Ratio Lower Upper

43 100

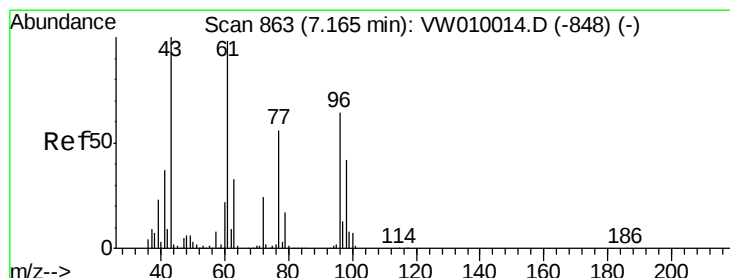
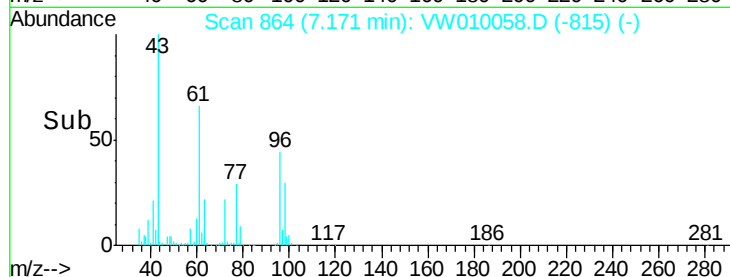
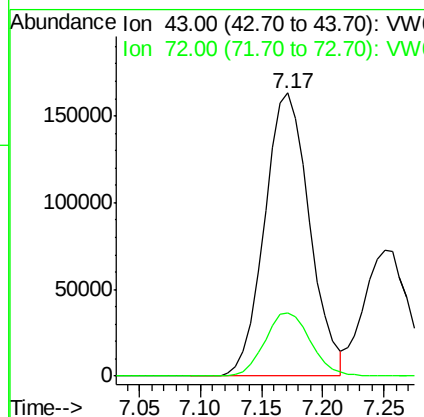
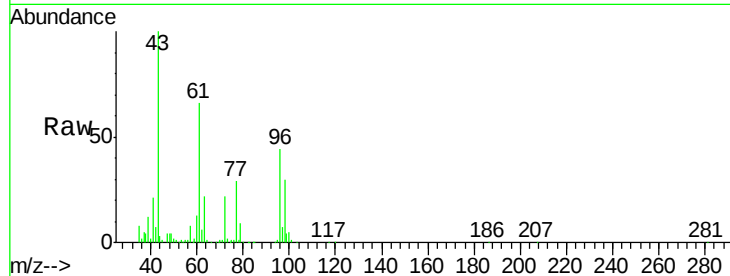
72 22.4 19.1 28.7

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 41.567 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW010058.D

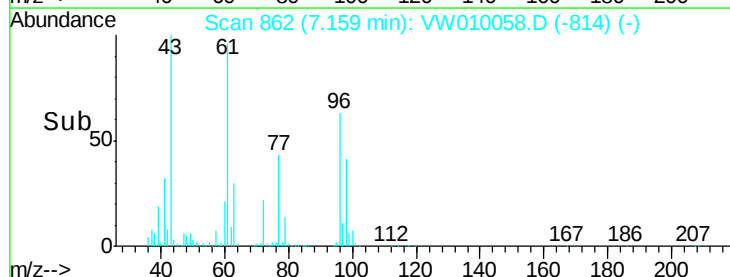
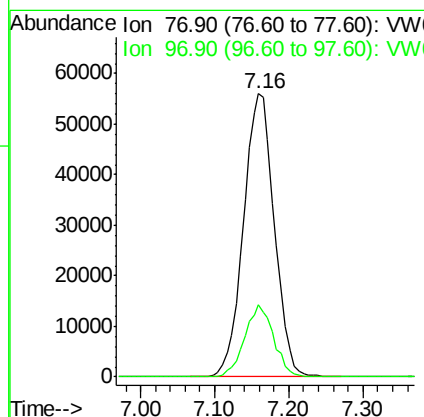
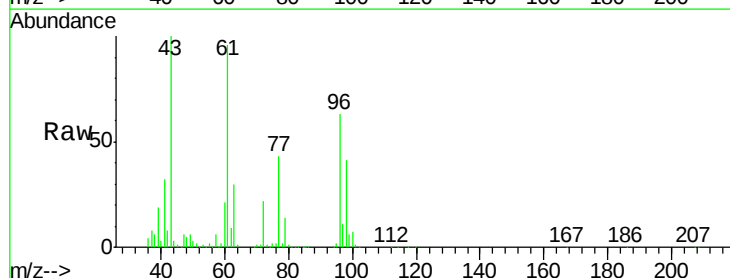
Acq: 18 Apr 2019 21:08

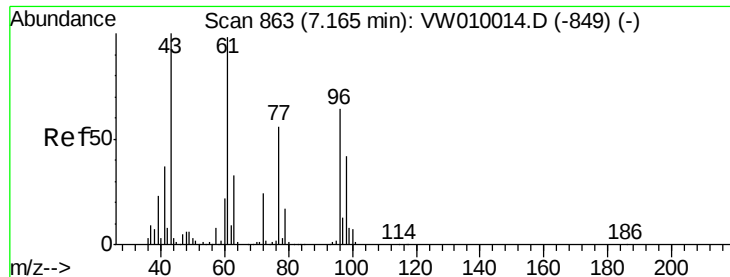
Tgt Ion: 77 Resp: 162404

Ion Ratio Lower Upper

77 100

97 23.8 11.3 33.9





#27

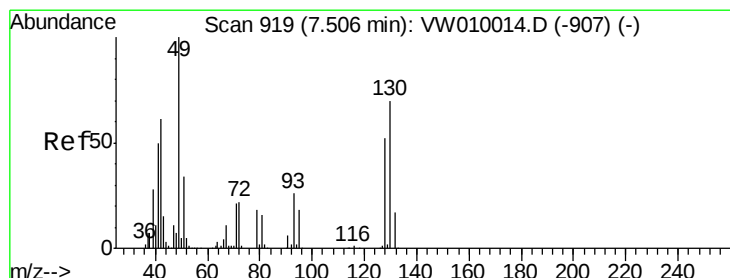
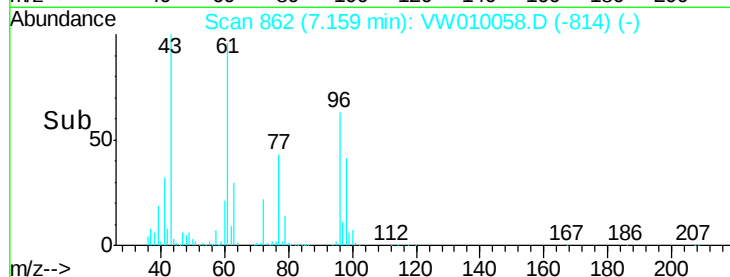
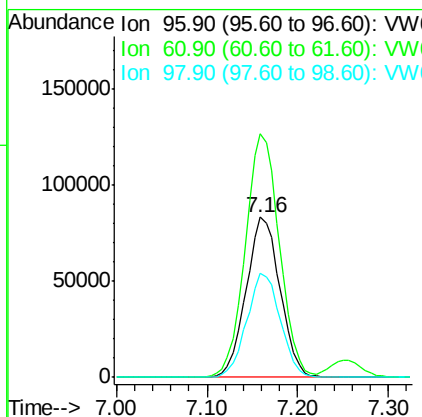
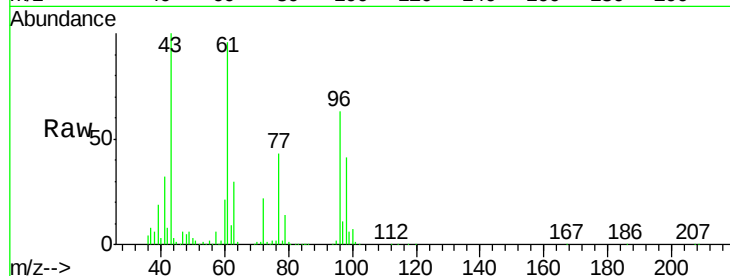
cis-1,2-Dichloroethene
 Concen: 55.237 ug/l
 RT: 7.16 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VW010058.D
 Acq: 18 Apr 2019 21:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100		215492		
61	152.3	0.0	309.4		
98	64.5	0.0	128.6		

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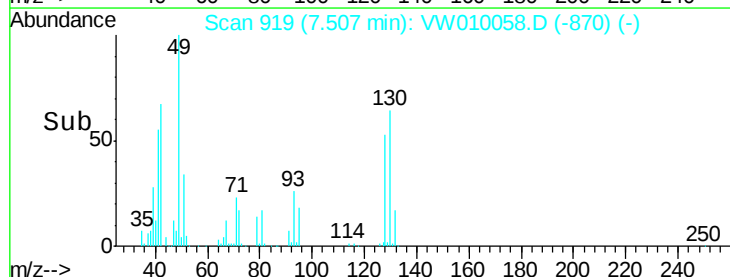
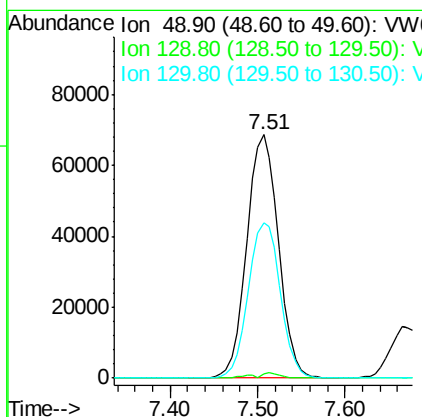
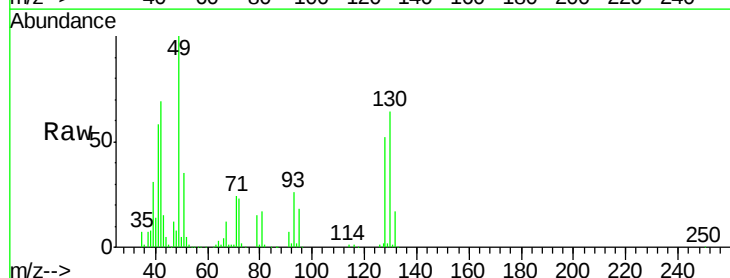
MMDadoda
 4/19/2019 12:53:09 PM

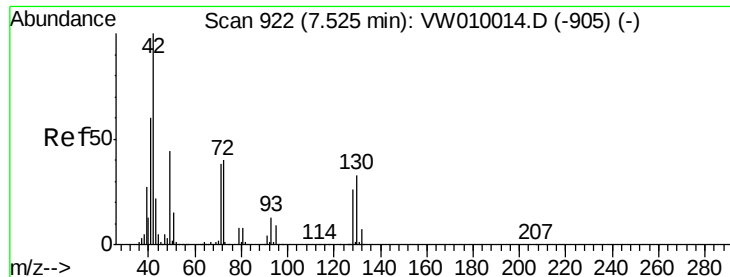


#28

Bromochloromethane
 Concen: 59.699 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VW010058.D
 Acq: 18 Apr 2019 21:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
49	100		172290		
129	1.2	0.0	3.8		
130	64.7	54.6	82.0		





#29

Tetrahydrofuran

Concen: 353.493 ug/l

RT: 7.52 min Scan# 922

Delta R.T. 0.00 min

Lab File: VW010058.D

Acq: 18 Apr 2019 21:08

Instrument :

MSVOA_W

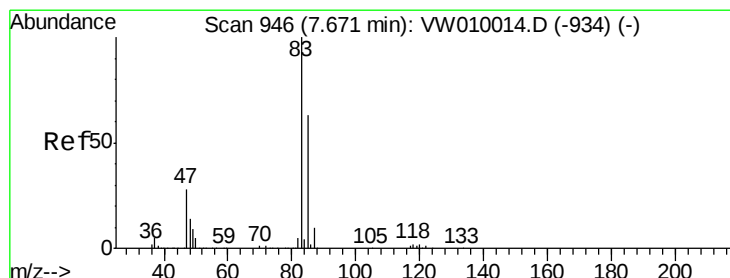
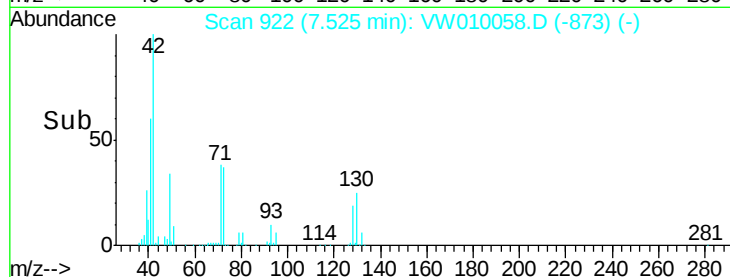
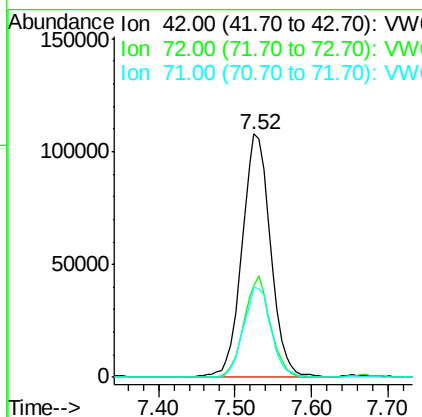
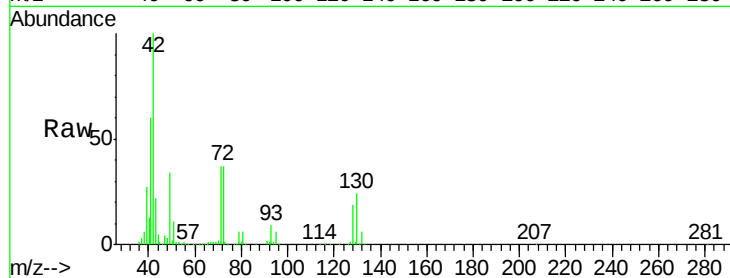
ClientSampleId :

VSTDCCC050EC

Tot Ion:	42	Resp:	279155
Ion Ratio		Lower	Upper
42	100		
72	38.4	31.0	46.6
71	35.9	29.7	44.5

Manual Integrations
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#30

Chloroform

Concen: 54.578 ug/l

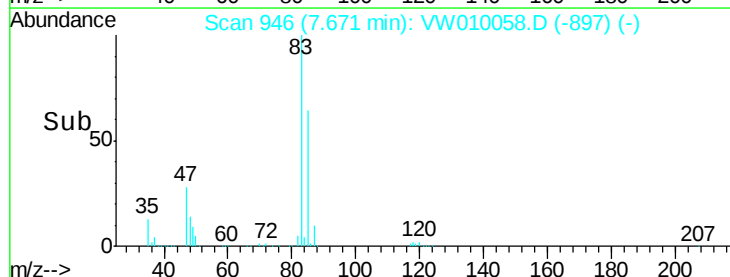
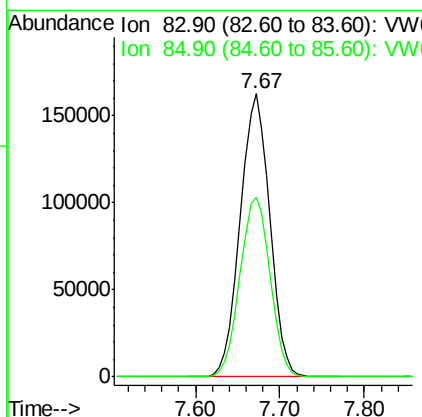
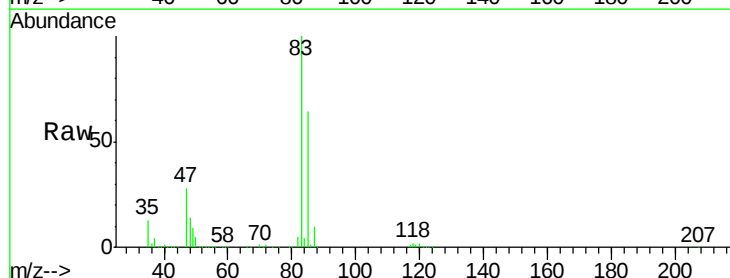
RT: 7.67 min Scan# 946

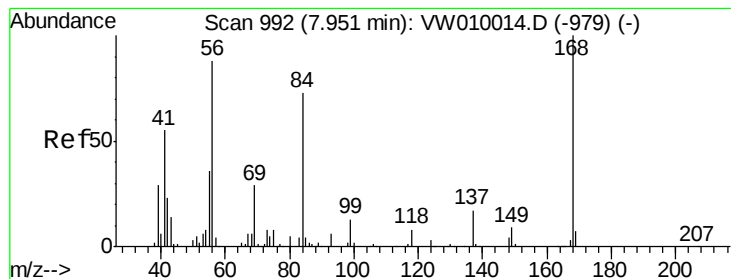
Delta R.T. 0.00 min

Lab File: VW010058.D

Acq: 18 Apr 2019 21:08

Tgt Ion:	83	Resp:	386207
Ion Ratio		Lower	Upper
83	100		
85	63.7	50.7	76.1





#31

Cyclohexane

Concen: 49.025 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW010058.D

Acq: 18 Apr 2019 21:08

Instrument :

MSVOA_W

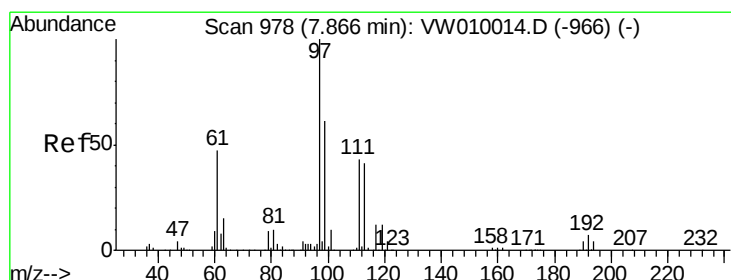
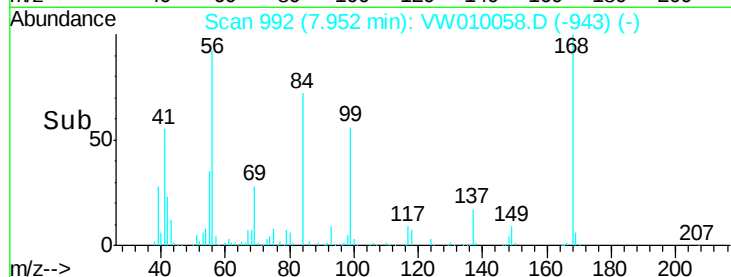
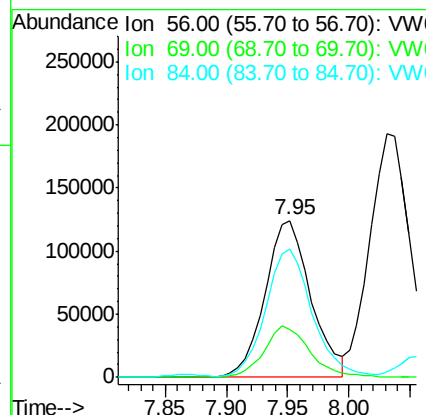
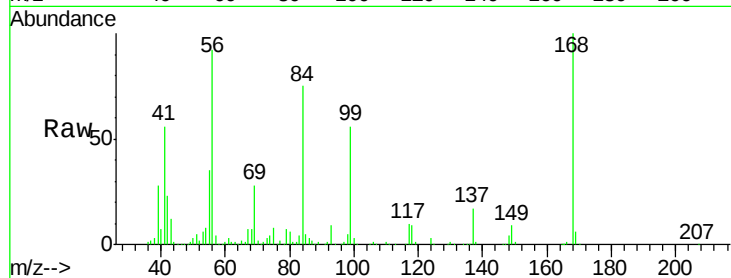
ClientSampled :

VSTDCCC050EC

Tot Ion:	56	Resp:	324201
Ion Ratio	Lower	Upper	
56	100		
69	30.7	26.6	40.0
84	80.1	66.2	99.2

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 48.598 ug/l

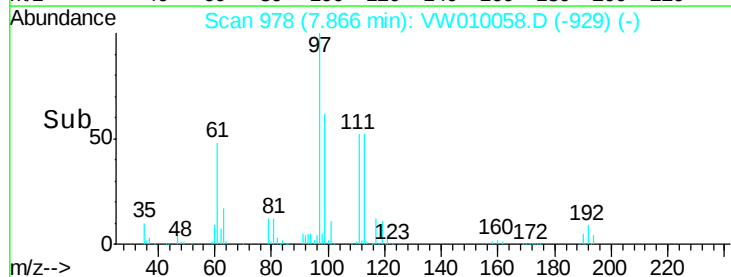
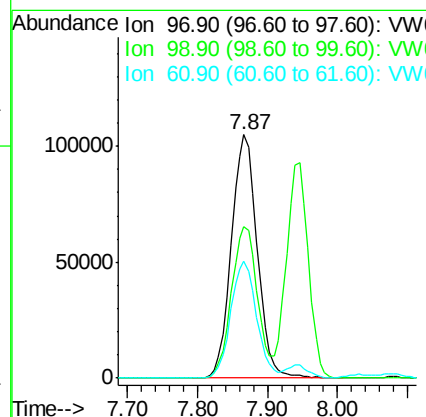
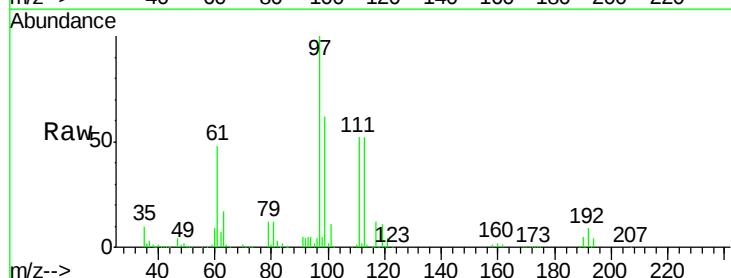
RT: 7.87 min Scan# 978

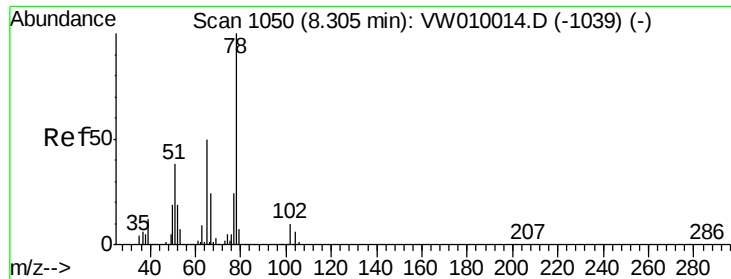
Delta R.T. 0.00 min

Lab File: VW010058.D

Acq: 18 Apr 2019 21:08

Tgt Ion:	97	Resp:	269966
Ion Ratio	Lower	Upper	
97	100		
99	62.0	50.2	75.2
61	47.7	38.2	57.2





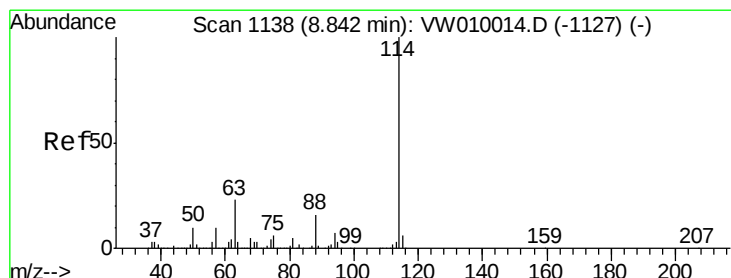
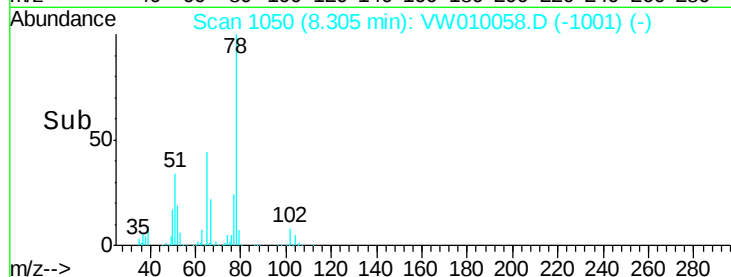
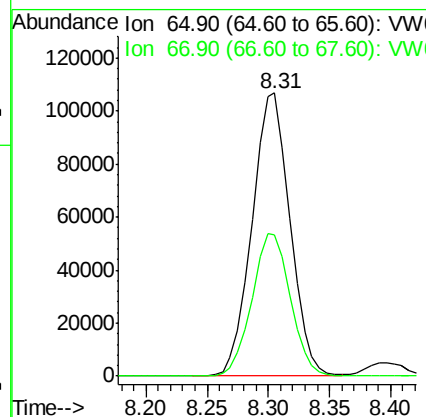
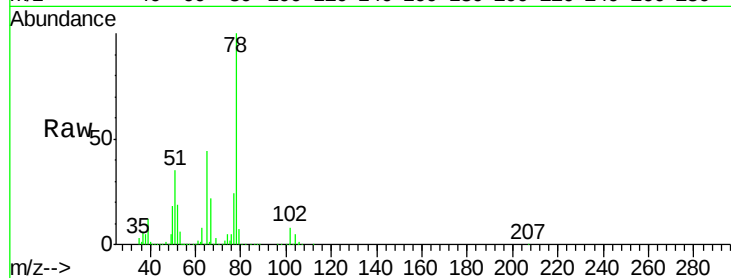
#33
 1,2-Dichloroethane-d4
 Concen: 56.535 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW010058.D
 Acq: 18 Apr 2019 21:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	231178		
67	51.0	0.0	100.8	

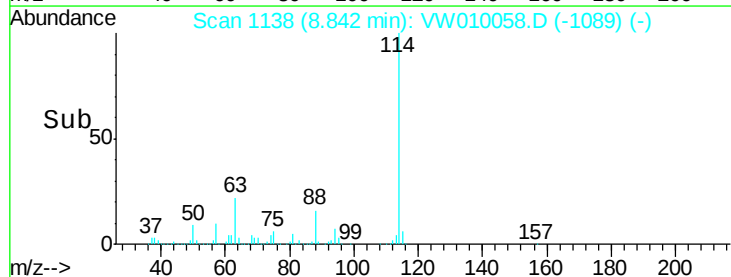
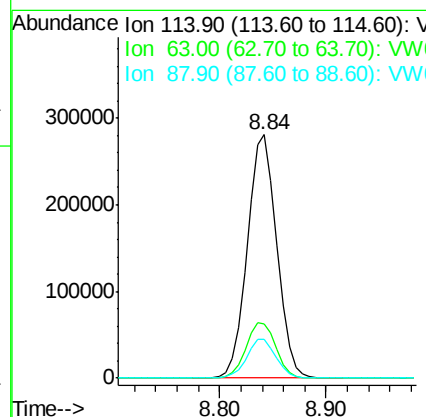
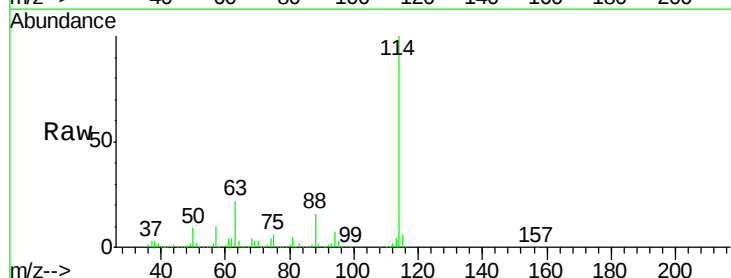
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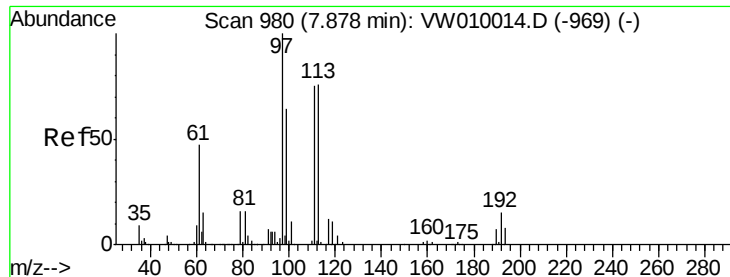
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW010058.D
 Acq: 18 Apr 2019 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	544335		
63	22.0	0.0	46.2	
88	15.7	0.0	32.6	





#35

Dibromofluoromethane

Concen: 52.260 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW010058.D

Acq: 18 Apr 2019 21:08

Instrument :

MSVOA_W

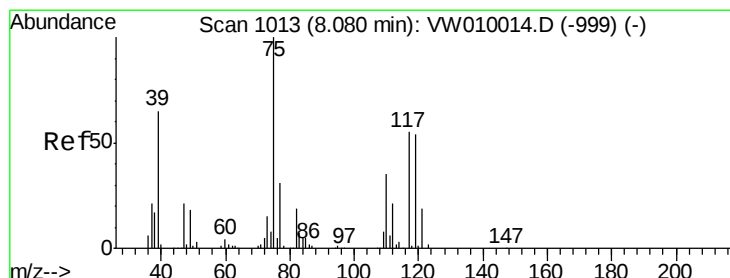
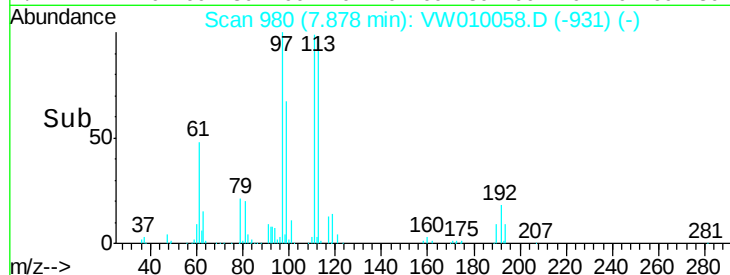
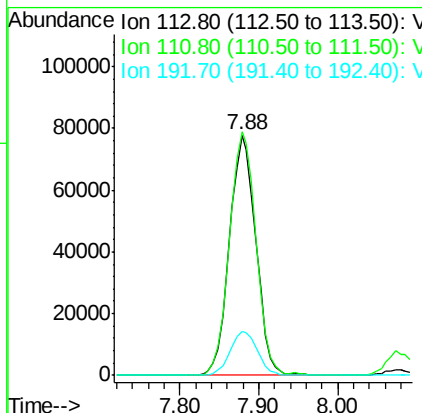
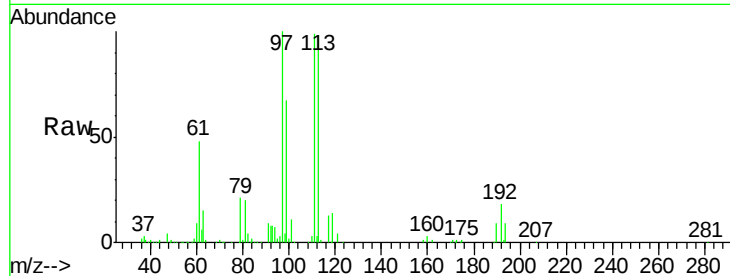
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	180856
Ion Ratio	Lower	Upper	
113	100		
111	101.7	82.6	123.8
192	18.8	15.4	23.2

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#36

1,1-Dichloropropene

Concen: 52.118 ug/l

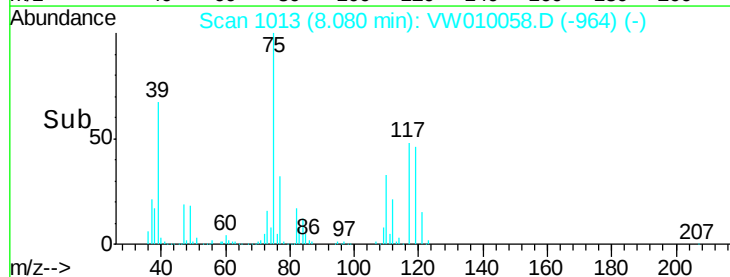
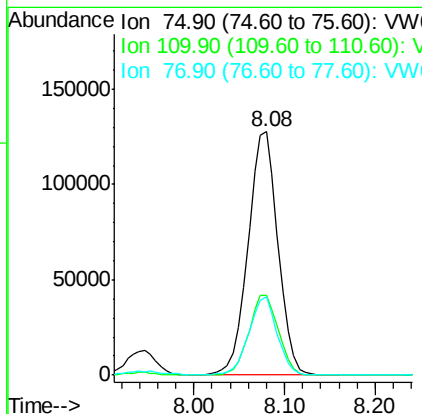
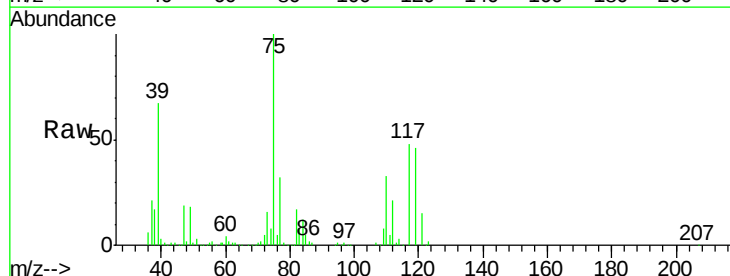
RT: 8.08 min Scan# 1013

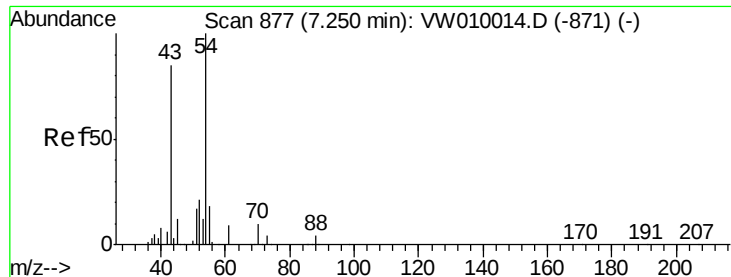
Delta R.T. 0.00 min

Lab File: VW010058.D

Acq: 18 Apr 2019 21:08

Tgt Ion:	75	Resp:	289788
Ion Ratio	Lower	Upper	
75	100		
110	32.6	16.6	49.8
77	30.7	24.8	37.2





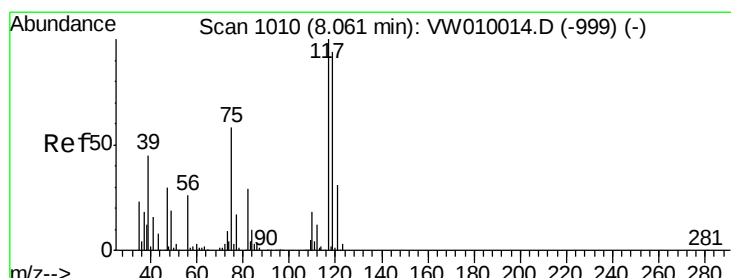
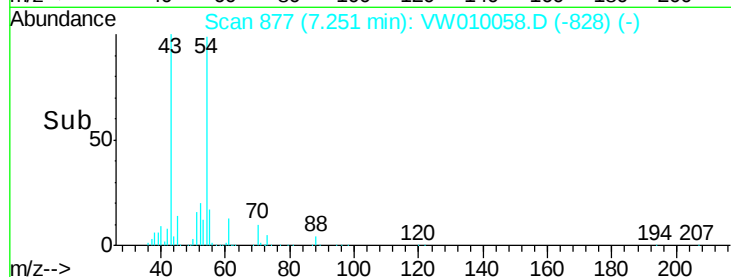
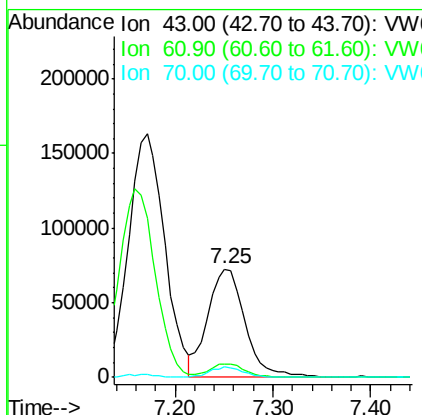
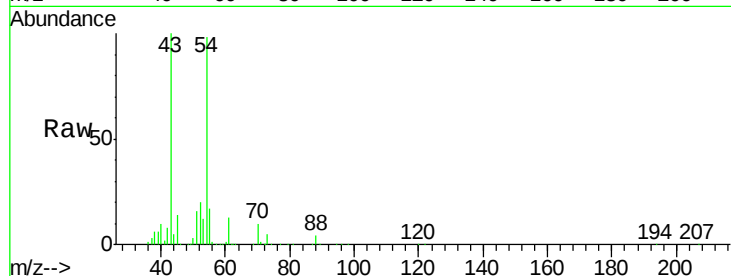
#37
Ethyl Acetate
Concen: 66.992 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW010058.D
Acq: 18 Apr 2019 21:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
43	100	189281		
61	12.0		9.8	14.8
70	8.9		7.4	11.0

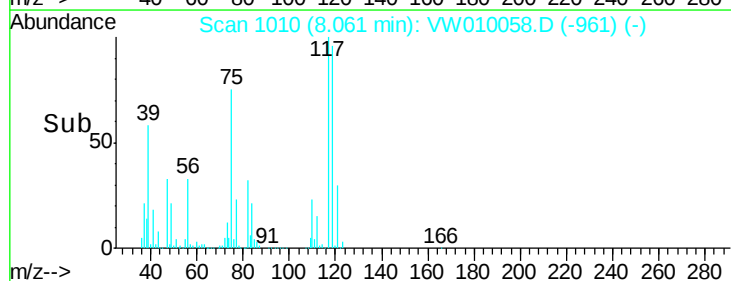
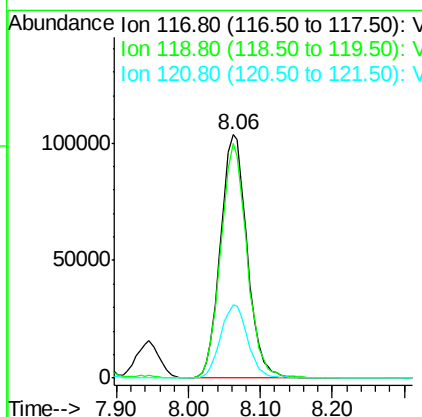
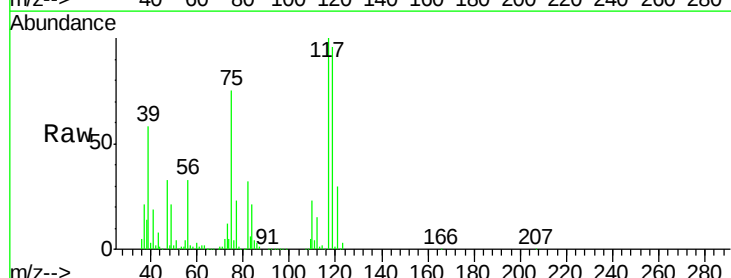
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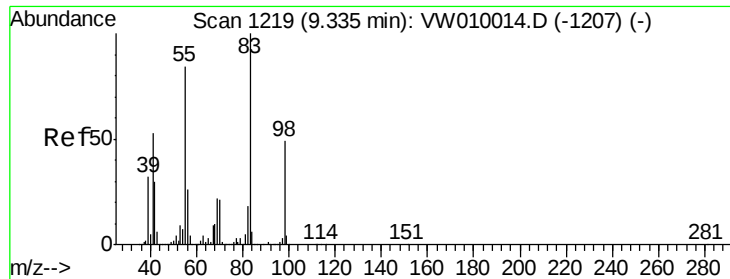
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#38
Carbon Tetrachloride
Concen: 49.190 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VW010058.D
Acq: 18 Apr 2019 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	266936		
119	96.4		75.3	112.9
121	30.3		24.4	36.6





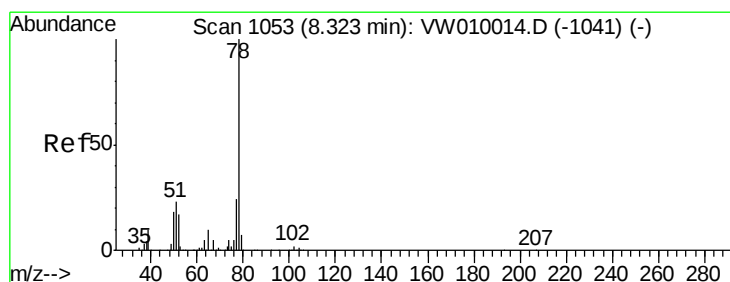
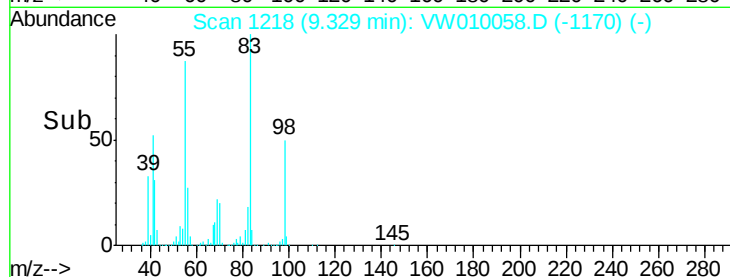
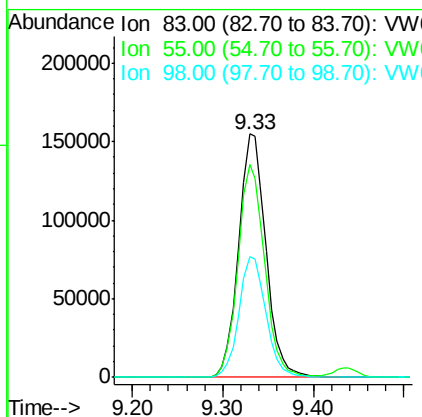
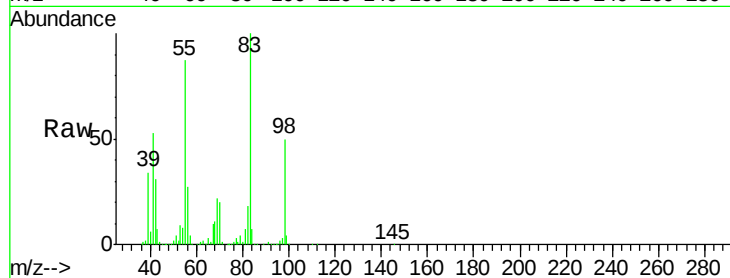
#39
Methvlcvclohexane
Concen: 47.858 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW010058.D
Acq: 18 Apr 2019 21:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	87.4	67.1	100.7
98	49.6	39.2	58.8

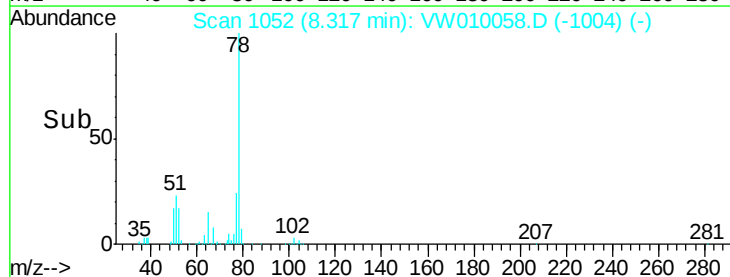
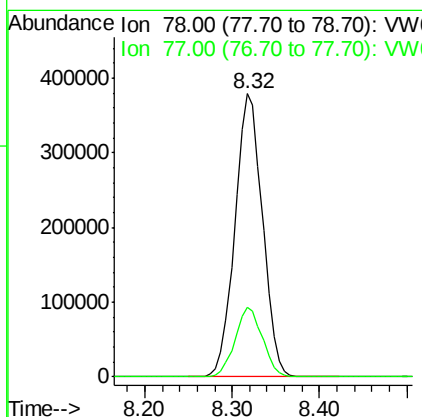
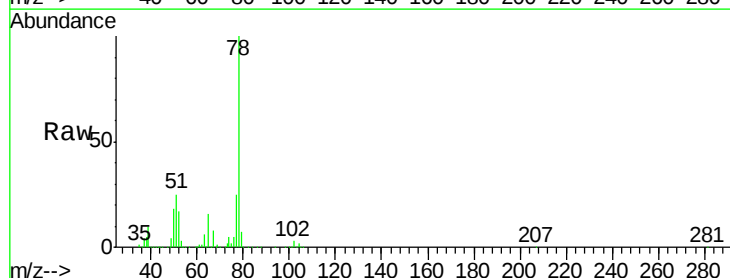
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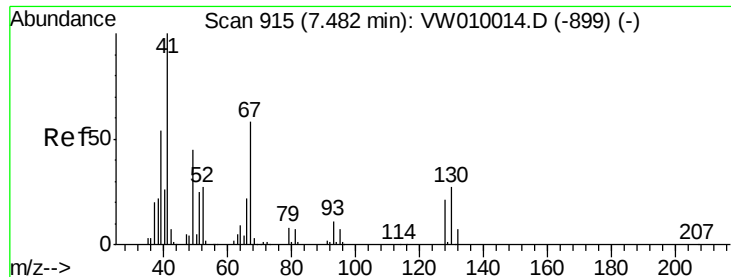
MMDadoda
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#40
Benzene
Concen: 54.544 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW010058.D
Acq: 18 Apr 2019 21:08

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.1	28.7





#41

Methacrylonitrile

Concen: 68.216 ug/l

RT: 7.48 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW010058.D

Acq: 18 Apr 2019 21:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 109848

Ion Ratio Lower Upper

41 100

39 54.5 45.0 67.4

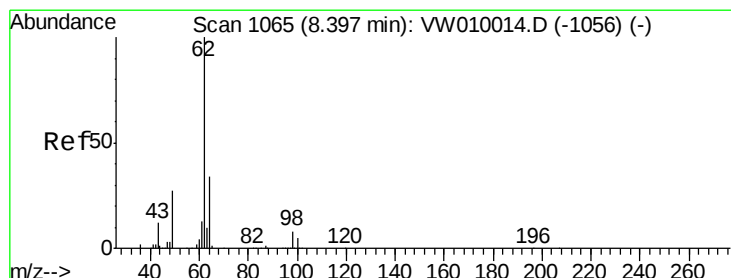
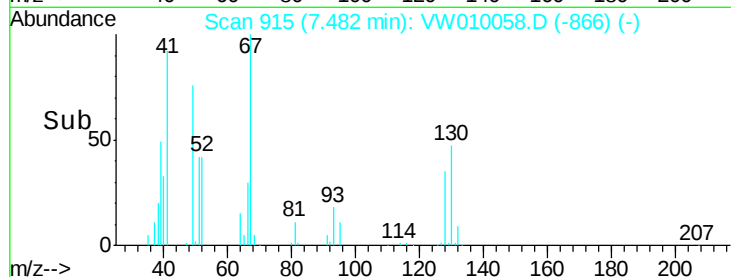
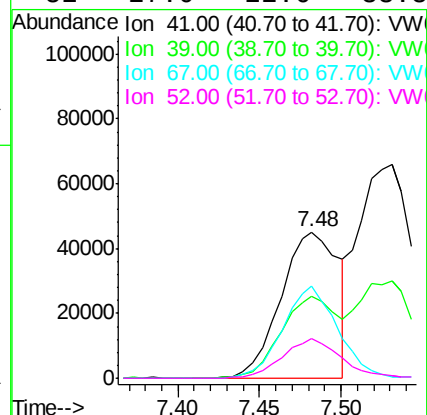
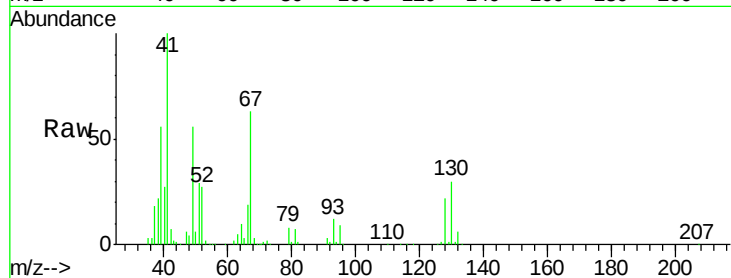
67 61.1 50.7 76.1

52 27.0 22.6 33.8

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#42

1,2-Dichloroethane

Concen: 57.383 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. 0.00 min

Lab File: VW010058.D

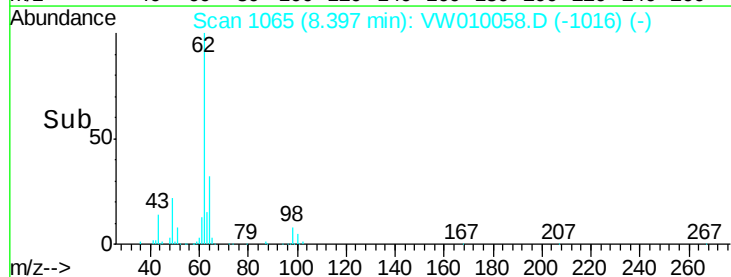
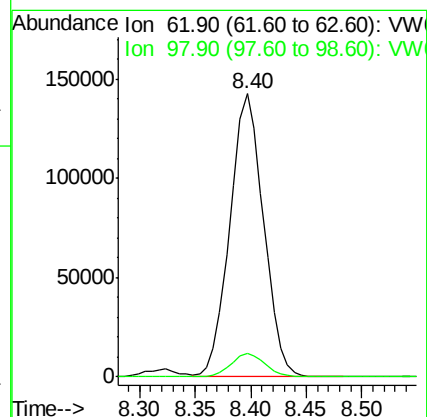
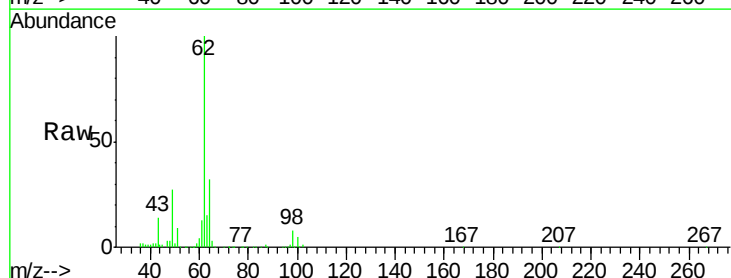
Acq: 18 Apr 2019 21:08

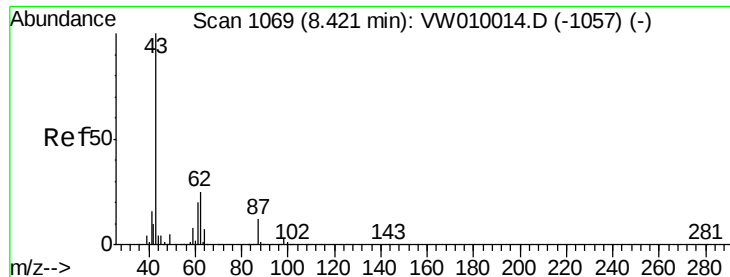
Tgt Ion: 62 Resp: 299814

Ion Ratio Lower Upper

62 100

98 8.4 0.0 16.6





#43

Isopropyl Acetate

Concen: 65.200 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW010058.D

Acq: 18 Apr 2019 21:08

Instrument :

MSVOA_W

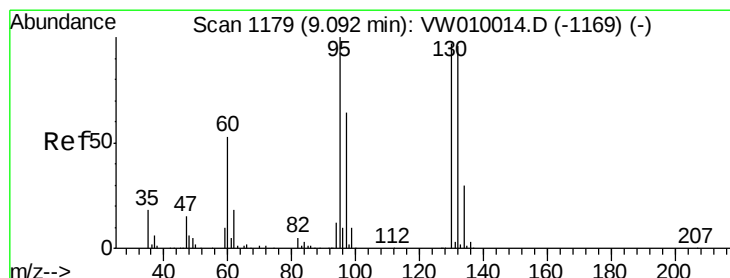
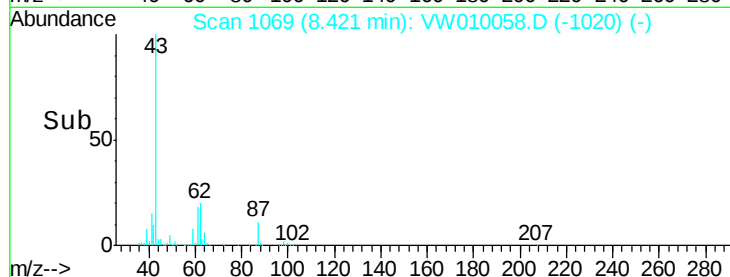
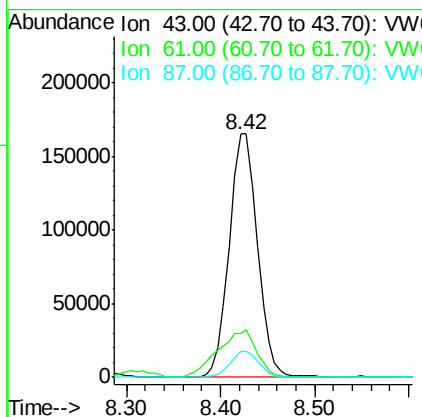
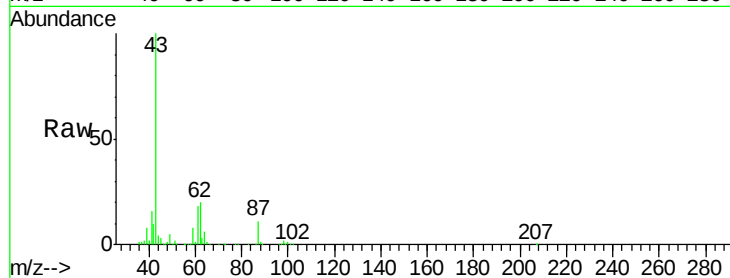
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	345207
Ion	Ratio	Lower	Upper
43	100		
61	26.6	23.0	34.6
87	10.9	9.3	13.9

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#44

Trichloroethene

Concen: 52.252 ug/l

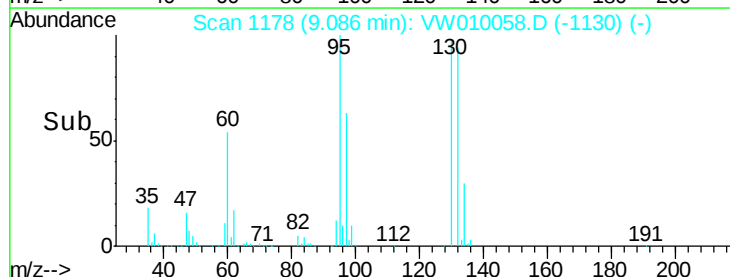
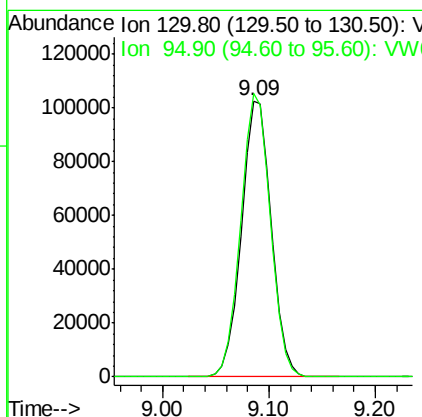
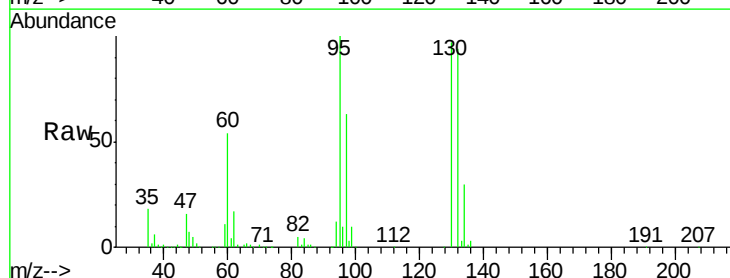
RT: 9.09 min Scan# 1178

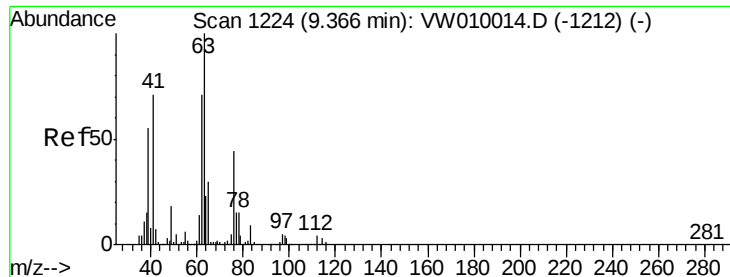
Delta R.T. -0.01 min

Lab File: VW010058.D

Acq: 18 Apr 2019 21:08

Tgt Ion:	130	Resp:	201768
Ion	Ratio	Lower	Upper
130	100		
95	102.7	0.0	205.4





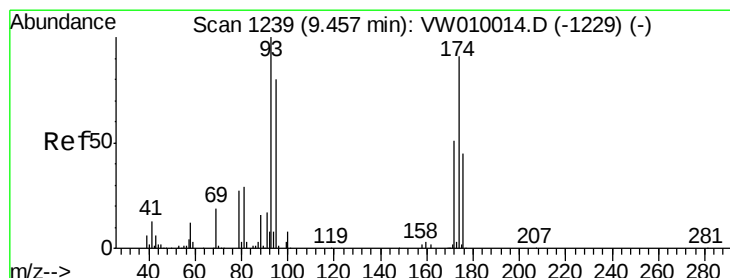
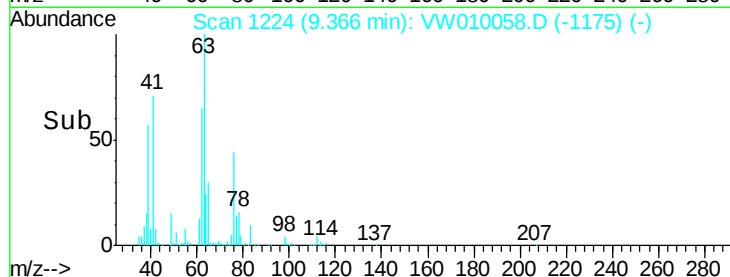
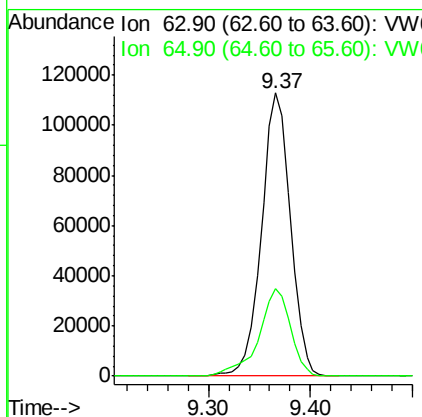
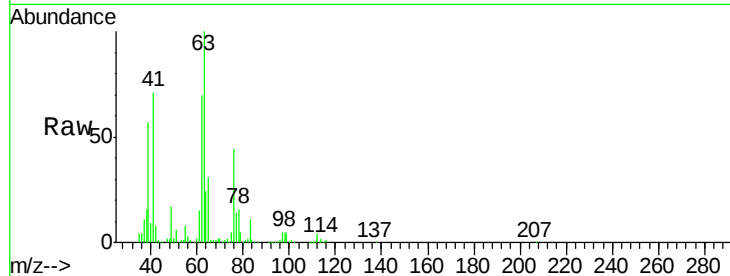
#45
 1,2-Dichloropropane
 Concen: 55.632 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW010058.D
 Acq: 18 Apr 2019 21:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.0	23.8	35.6

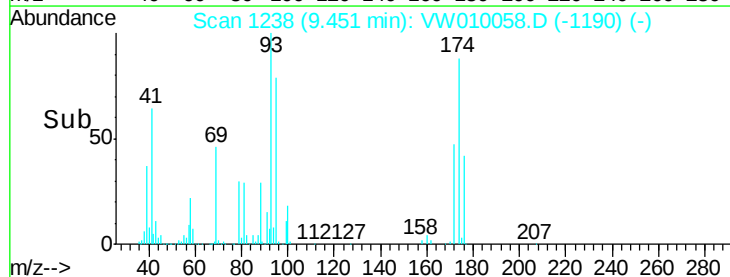
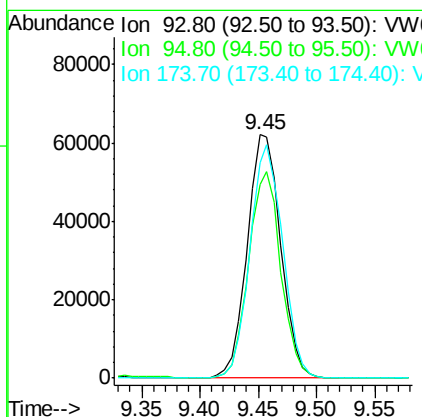
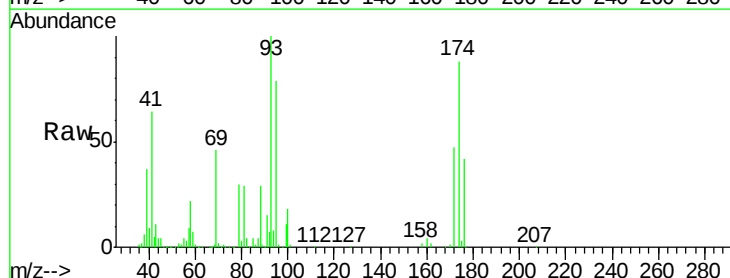
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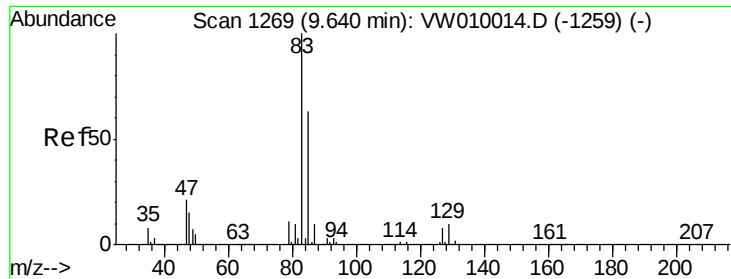
MMDadoda
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#46
 Dibromomethane
 Concen: 60.021 ug/l
 RT: 9.45 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: VW010058.D
 Acq: 18 Apr 2019 21:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.9	65.8	98.8
174	93.7	75.5	113.3





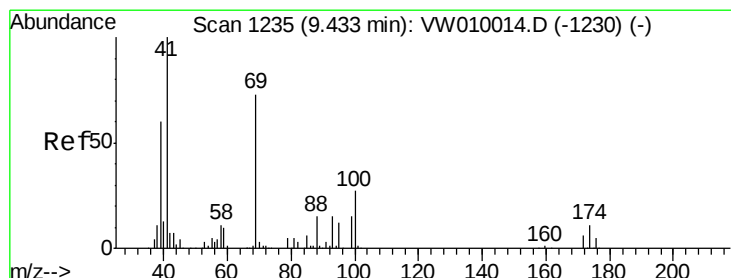
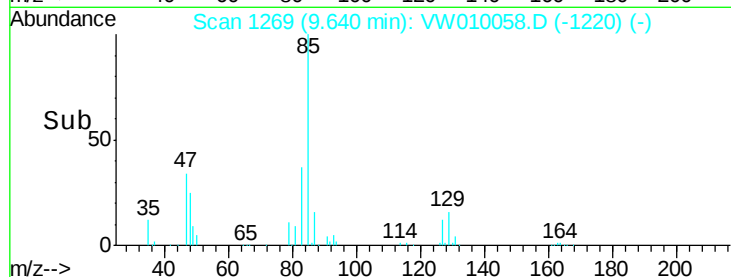
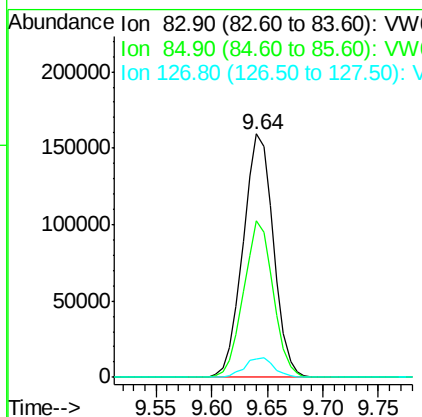
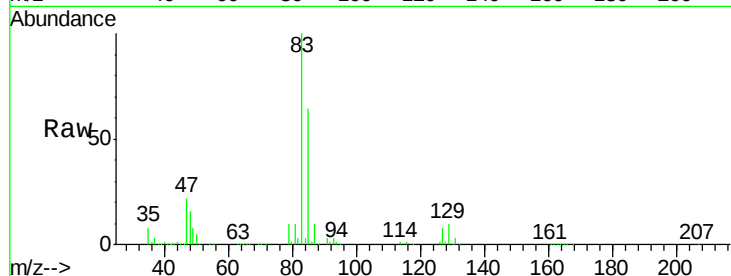
#47
Bromodichloromethane
Concen: 56.559 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VW010058.D
Acq: 18 Apr 2019 21:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	302400		
85	64.2		50.6	75.8
127	7.7		6.6	10.0

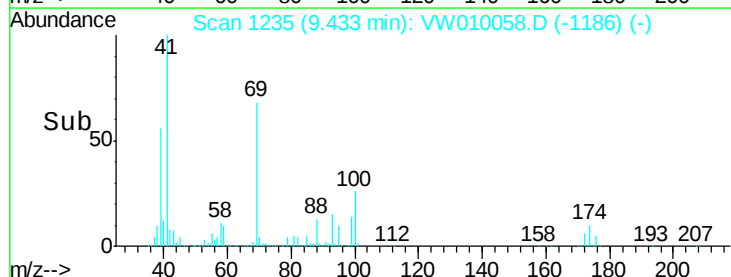
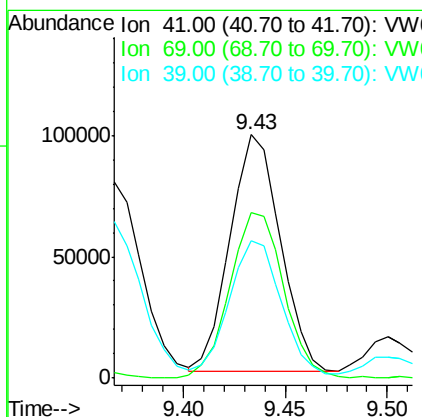
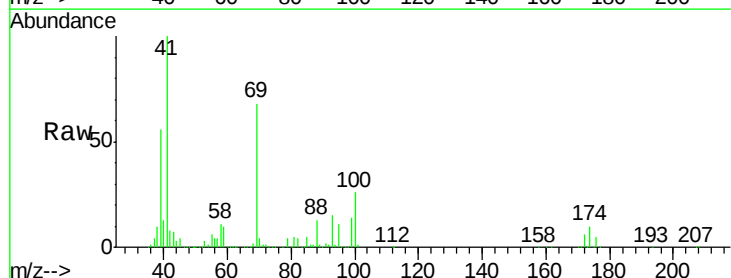
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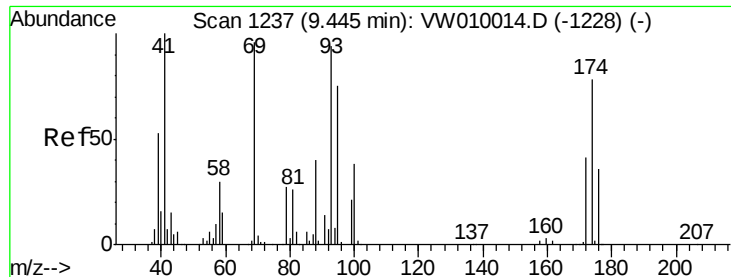
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#48
Methyl methacrylate
Concen: 64.990 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VW010058.D
Acq: 18 Apr 2019 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	167497		
69	74.6		60.1	90.1
39	61.3		51.0	76.6





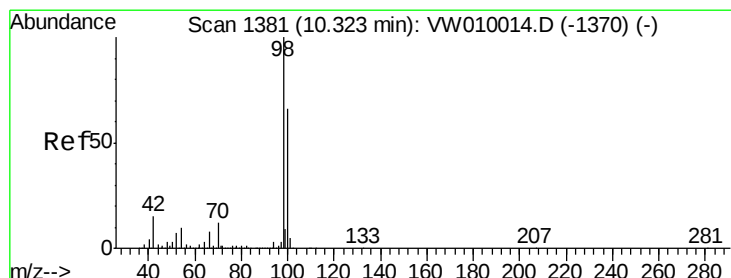
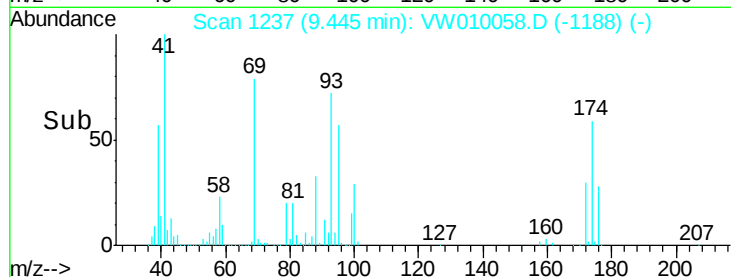
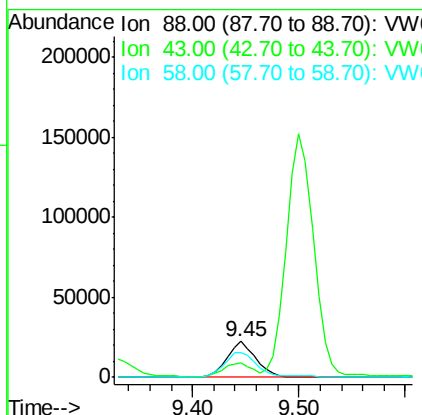
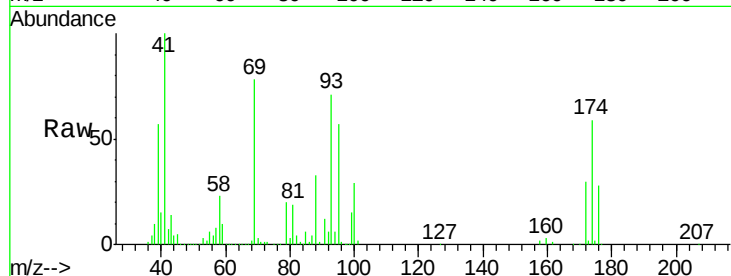
#49
1,4-Dioxane
Concen: 1365.687 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VW010058.D
Acq: 18 Apr 2019 21:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	39.6	31.9	47.9
58	80.5	61.8	92.6

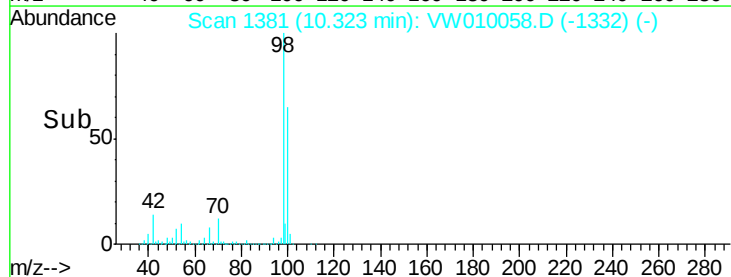
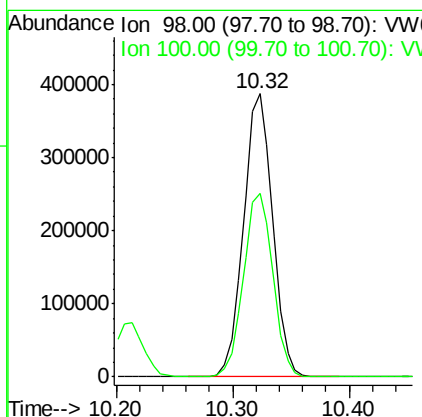
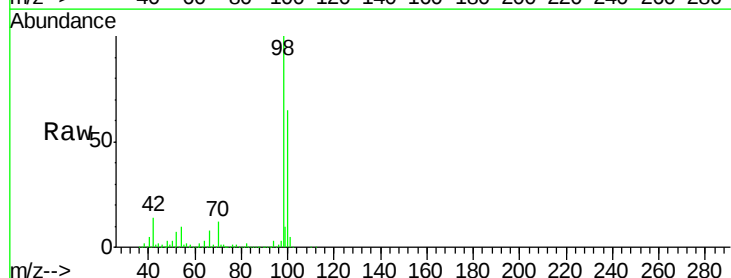
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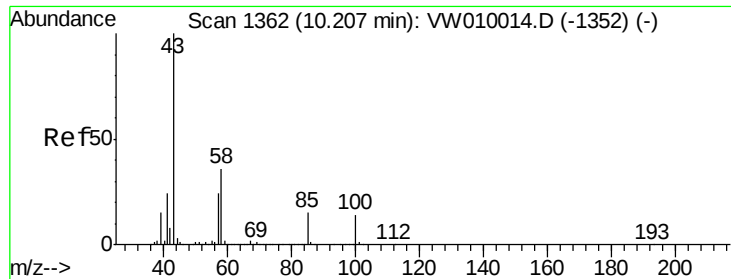
MMDadoda
4/19/2019 12:53:09 PM



#50
Toluene-d8
Concen: 52.135 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW010058.D
Acq: 18 Apr 2019 21:08

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.3	78.5





#51

4-Methyl-2-Pentanone

Concen: 347.863 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW010058.D

Acq: 18 Apr 2019 21:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 964642

Ion Ratio Lower Upper

43 100

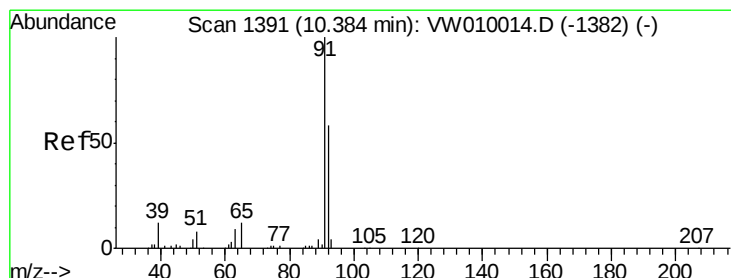
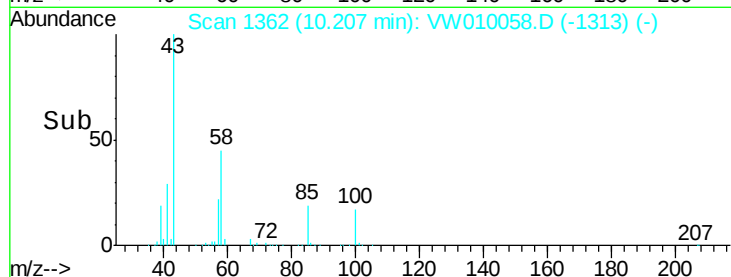
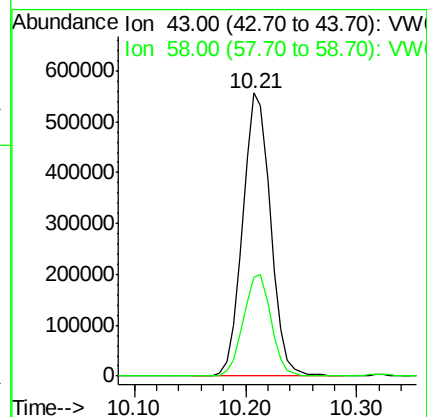
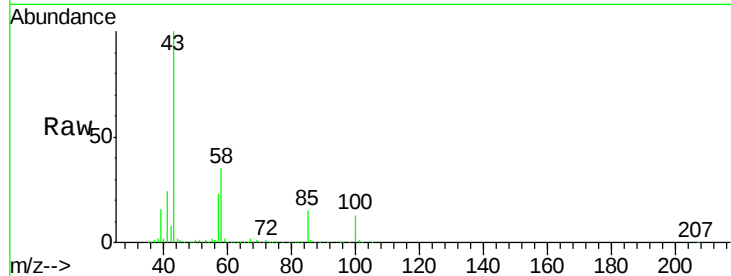
58 35.9 28.9 43.3

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#52

Toluene

Concen: 54.874 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW010058.D

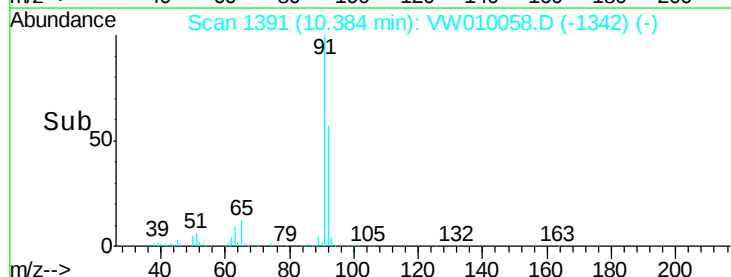
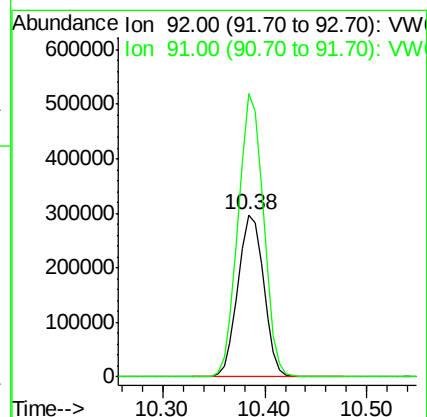
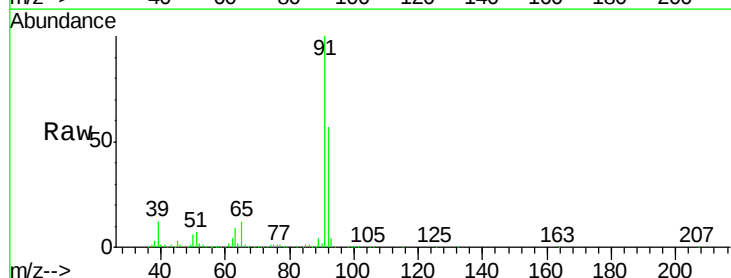
Acq: 18 Apr 2019 21:08

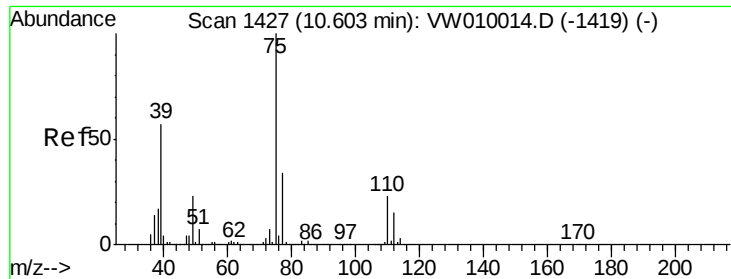
Tgt Ion: 92 Resp: 519683

Ion Ratio Lower Upper

92 100

91 171.8 138.5 207.7





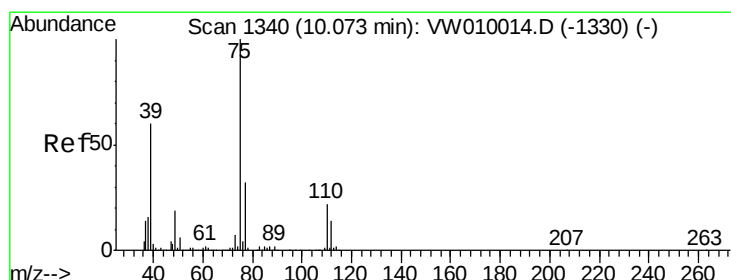
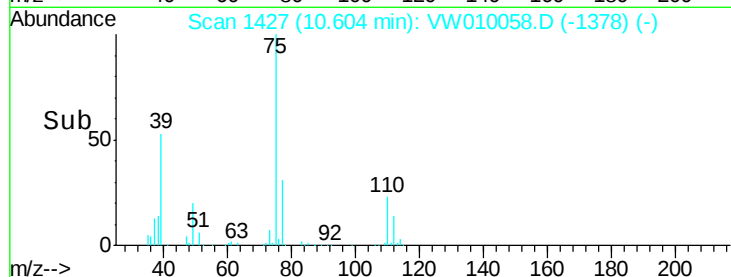
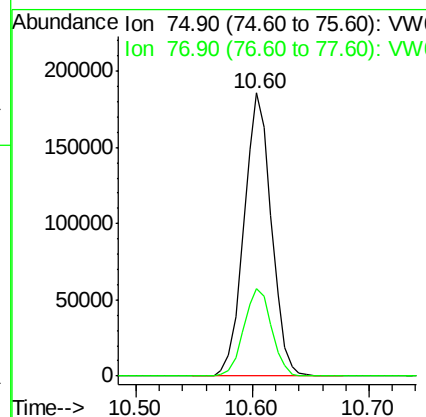
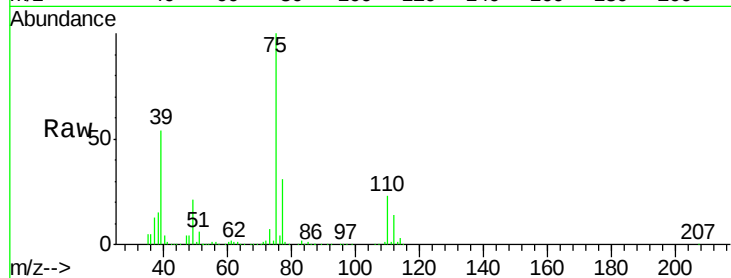
#53
 t-1,3-Dichloropropene
 Concen: 57.404 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. 0.00 min
 Lab File: VW010058.D
 Acq: 18 Apr 2019 21:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.8	26.9	40.3

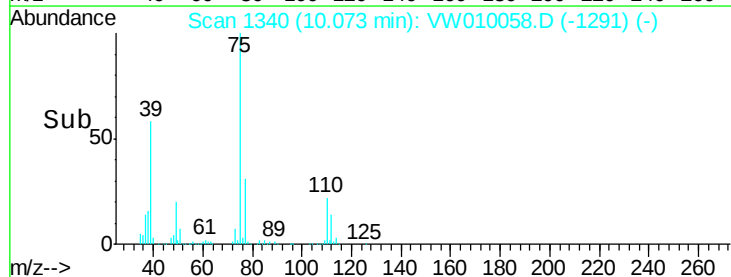
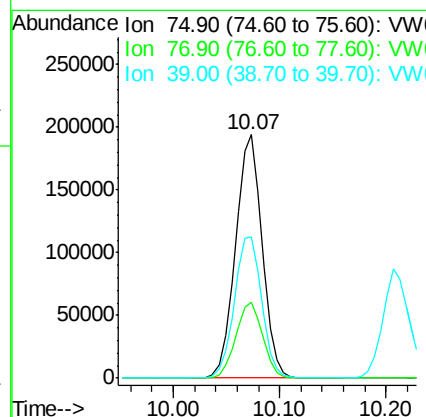
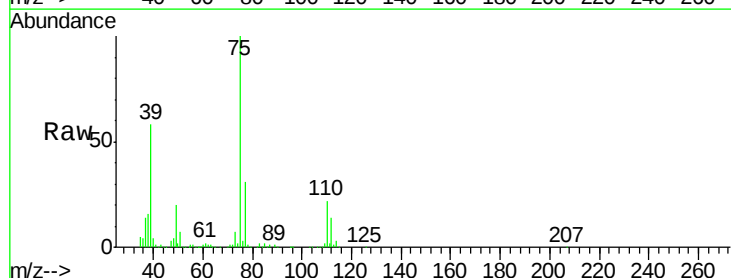
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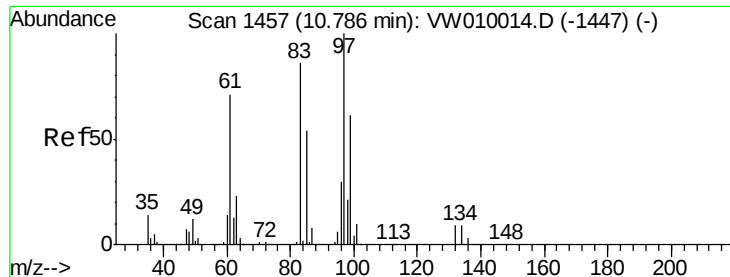
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 4/19/2019 12:53:09 PM



#54
 cis-1,3-Dichloropropene
 Concen: 56.280 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW010058.D
 Acq: 18 Apr 2019 21:08

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.1	25.6	38.4
39	58.1	47.8	71.6





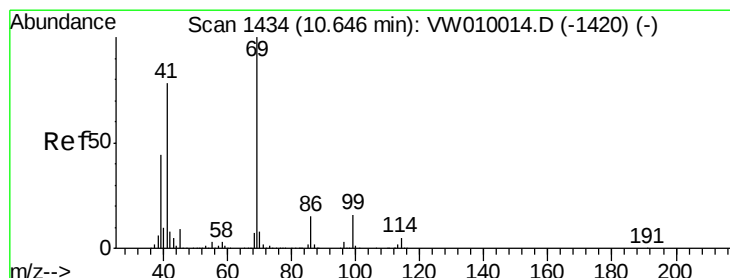
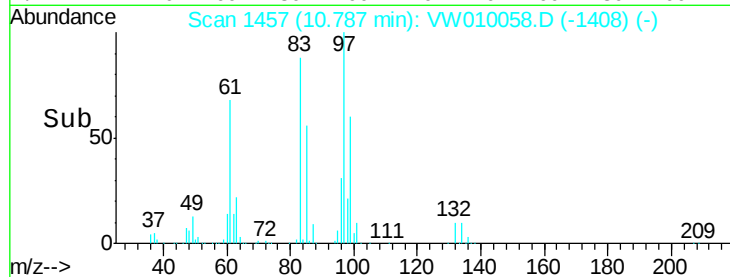
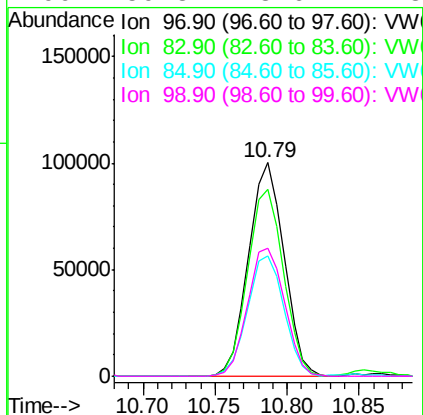
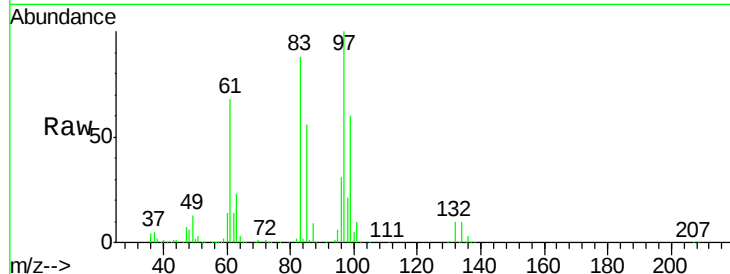
#55
 1,1,2-Trichloroethane
 Concen: 59.130 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW010058.D
 Acq: 18 Apr 2019 21:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	170937
Ion	Ratio	Lower	Upper
97	100		
83	87.8	68.9	103.3
85	56.2	42.9	64.3
99	59.8	48.6	72.8

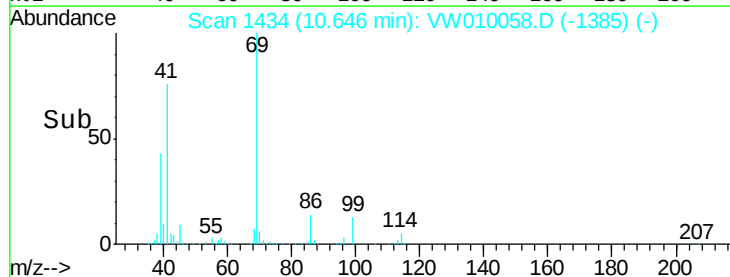
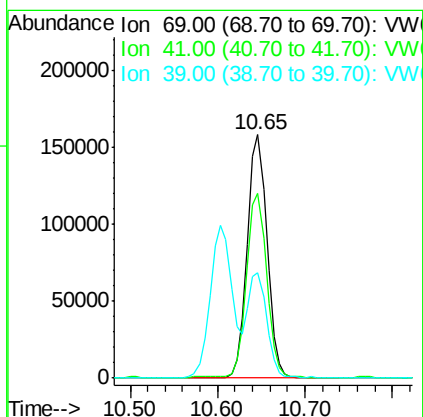
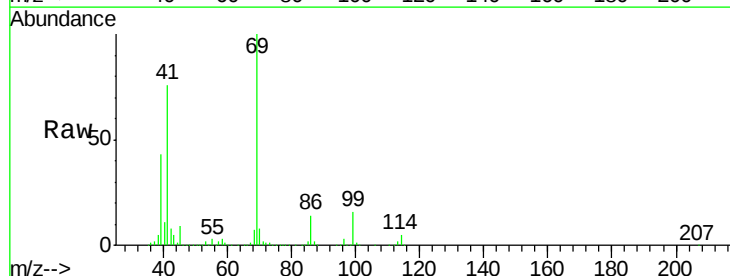
Manual Integrations
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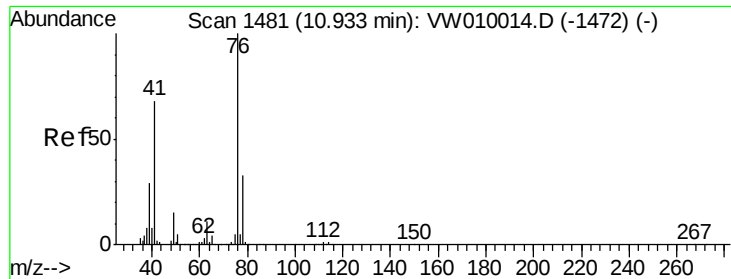
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#56
 Ethyl methacrylate
 Concen: 61.509 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW010058.D
 Acq: 18 Apr 2019 21:08

Tgt Ion:	69	Resp:	249493
Ion	Ratio	Lower	Upper
69	100		
41	76.9	61.0	91.6
39	40.9	33.8	50.6





#57

1,3-Dichloropropane

Concen: 60.591 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW010058.D

Acq: 18 Apr 2019 21:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 313952

Ion Ratio Lower Upper

76 100

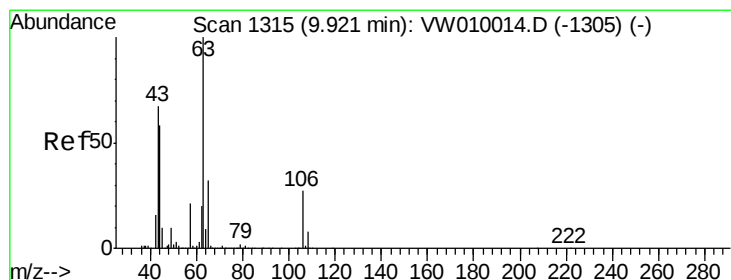
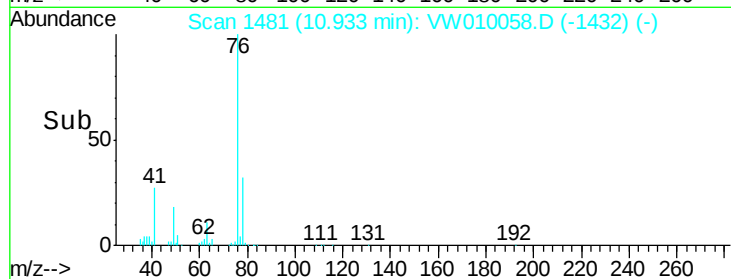
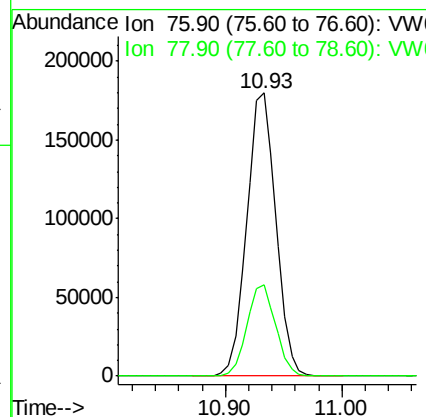
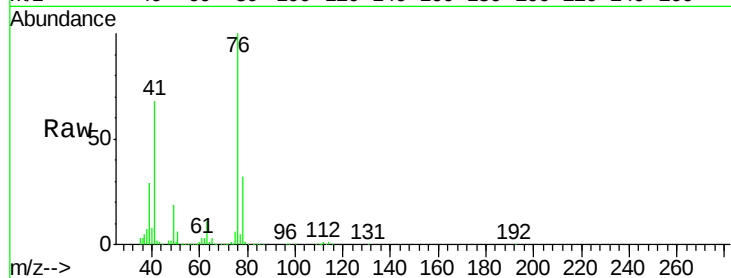
78 31.9 25.8 38.8

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 375.333 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VW010058.D

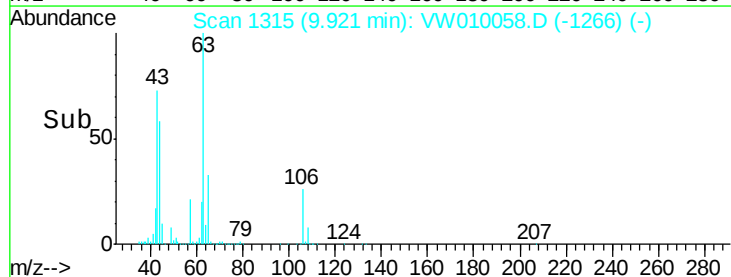
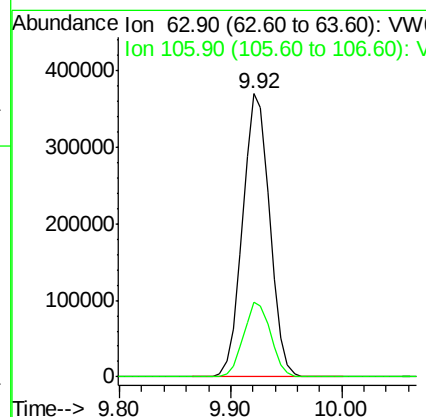
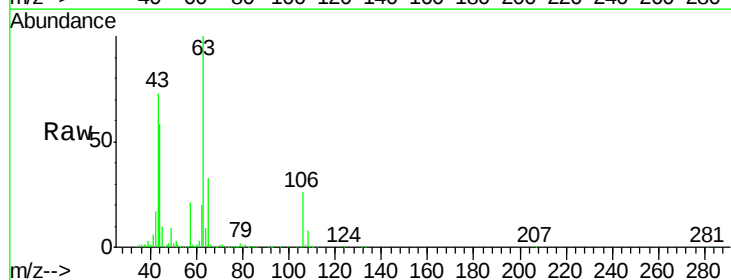
Acq: 18 Apr 2019 21:08

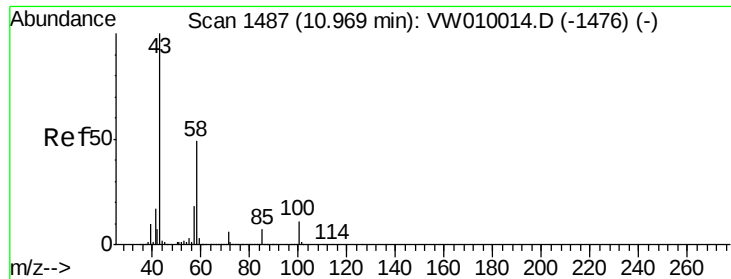
Tgt Ion: 63 Resp: 621194

Ion Ratio Lower Upper

63 100

106 26.5 21.4 32.0





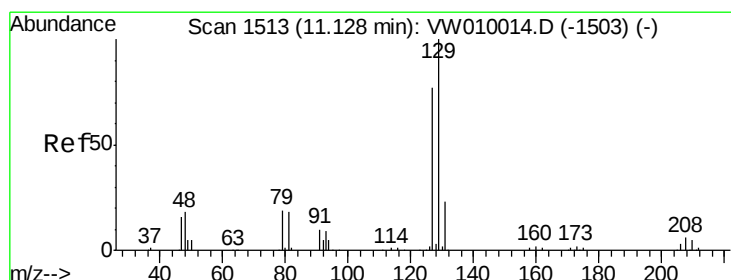
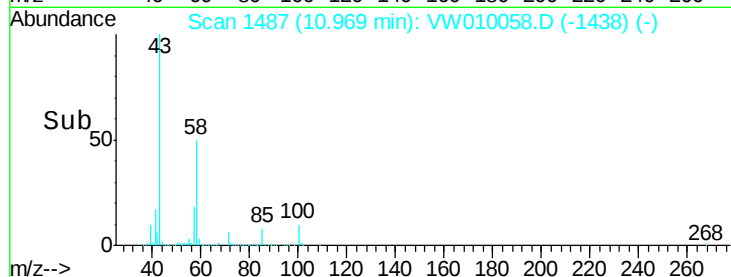
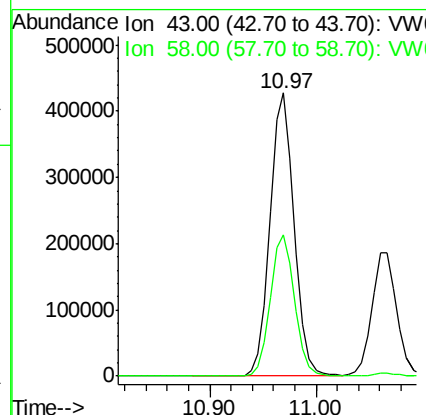
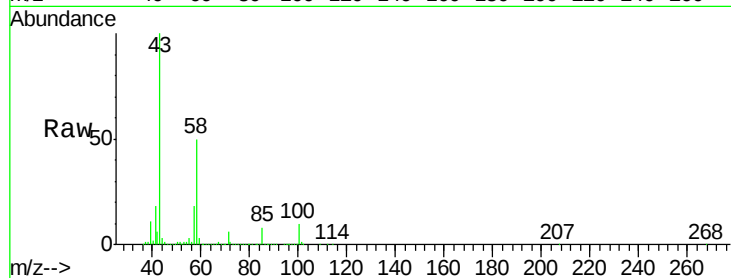
#59
2-Hexanone
Concen: 350.680 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW010058.D
Acq: 18 Apr 2019 21:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 676933
Ion Ratio Lower Upper
43 100
58 50.0 24.9 74.7

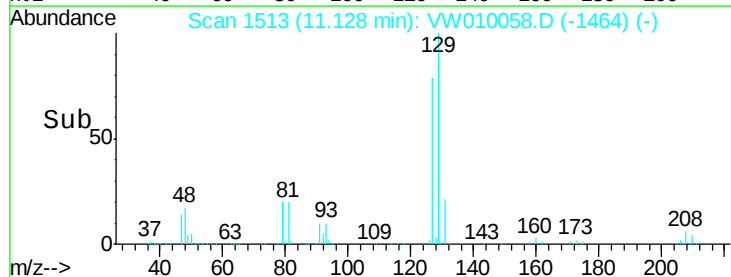
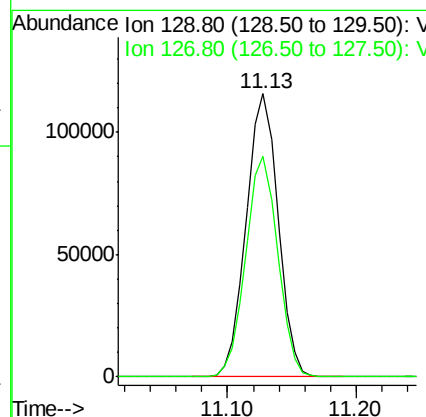
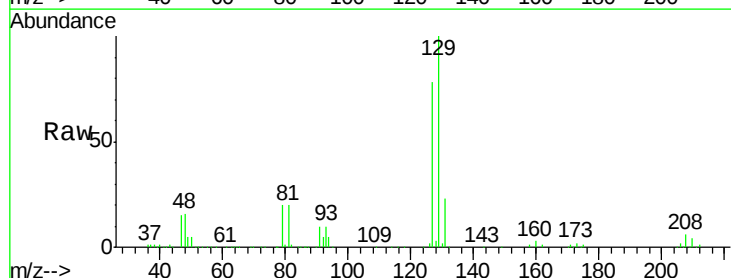
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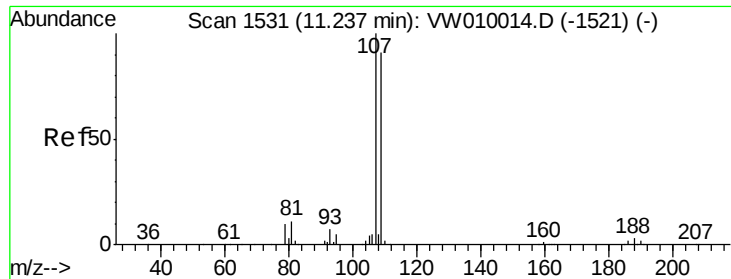
MMDadoda
4/19/2019 12:53:09 PM



#60
Dibromochloromethane
Concen: 59.261 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW010058.D
Acq: 18 Apr 2019 21:08

Tgt Ion: 129 Resp: 198005
Ion Ratio Lower Upper
129 100
127 78.4 38.6 116.0





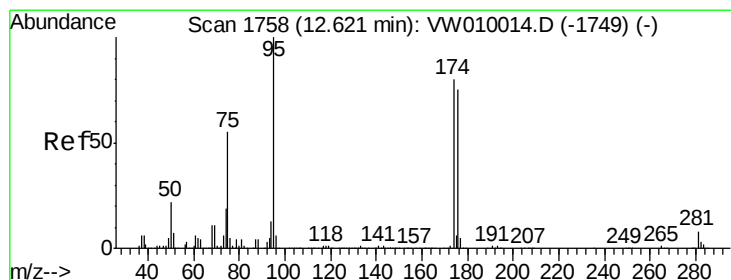
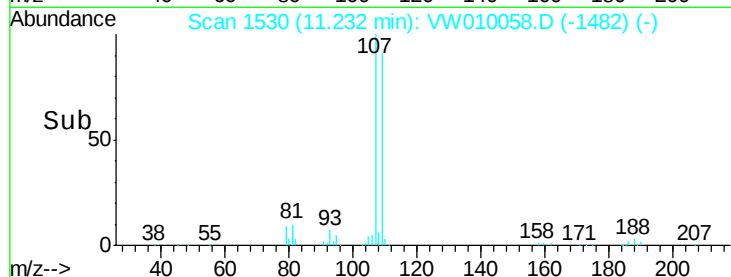
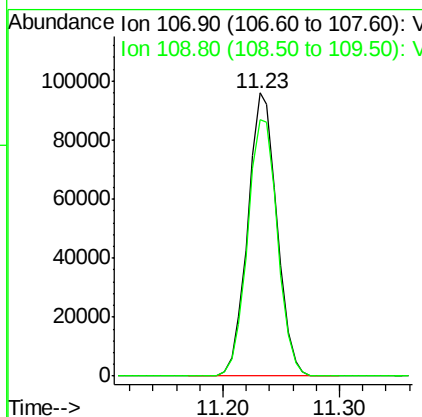
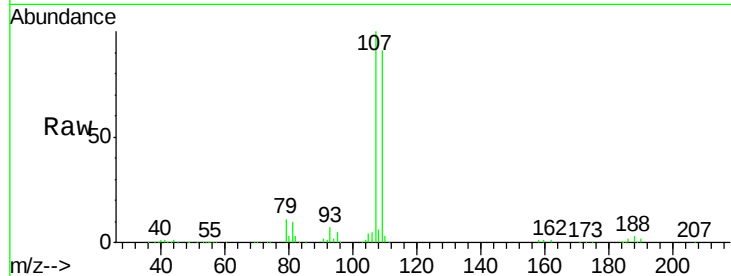
#61
 1,2-Dibromoethane
 Concen: 60.772 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW010058.D
 Acq: 18 Apr 2019 21:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.3	73.6	110.4

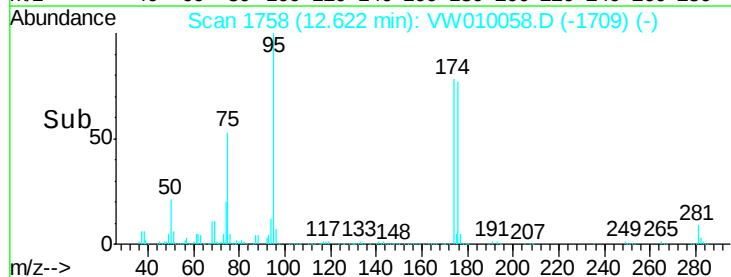
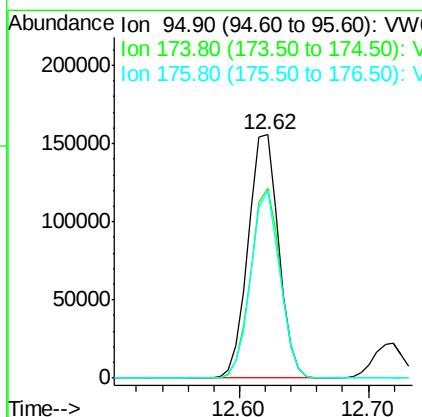
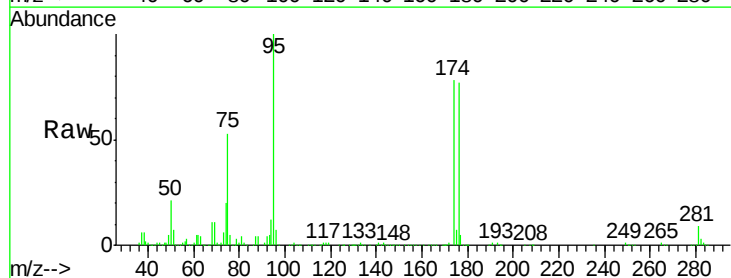
Manual Integrations
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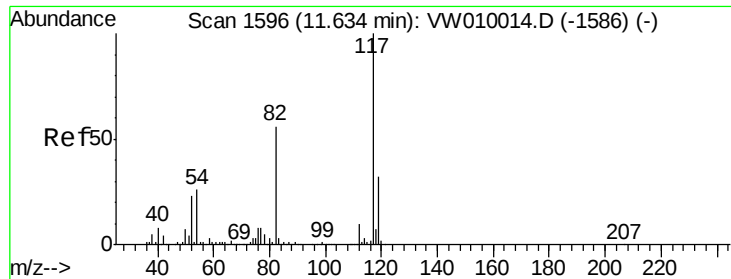
MMDadoda
 4/19/2019 12:53:09 PM



#62
 4-Bromofluorobenzene
 Concen: 53.787 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW010058.D
 Acq: 18 Apr 2019 21:08

Tgt Ion	Ratio	Lower	Upper
95	100		
174	76.1	0.0	151.4
176	73.3	0.0	146.2





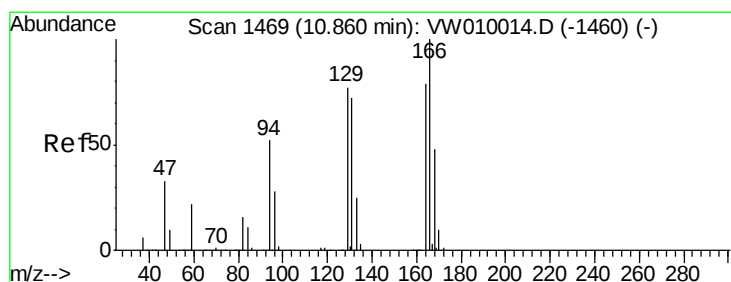
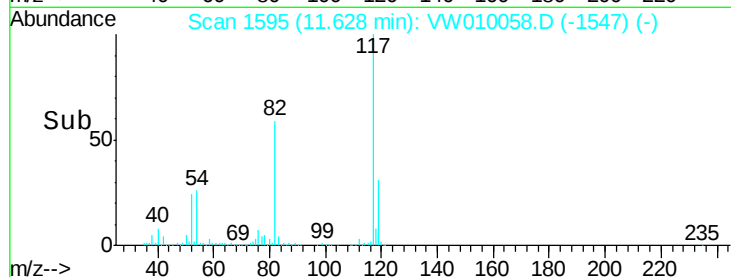
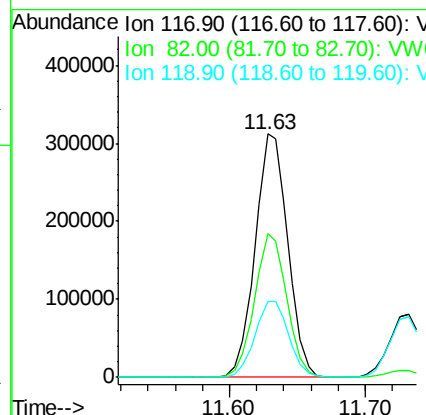
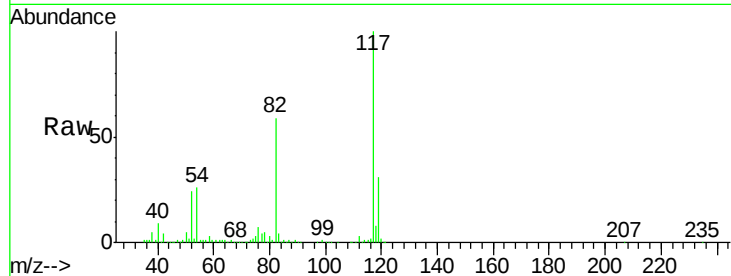
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW010058.D
Acq: 18 Apr 2019 21:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	525300		
82	59.2		45.2	67.8
119	31.2		25.4	38.2

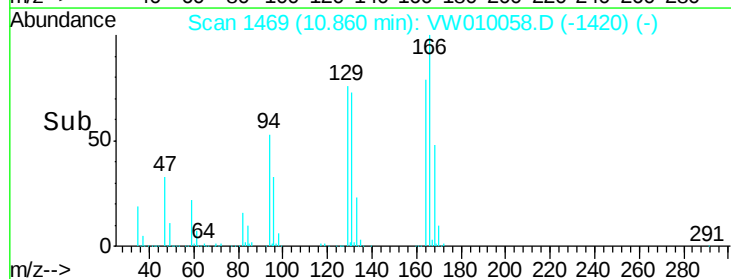
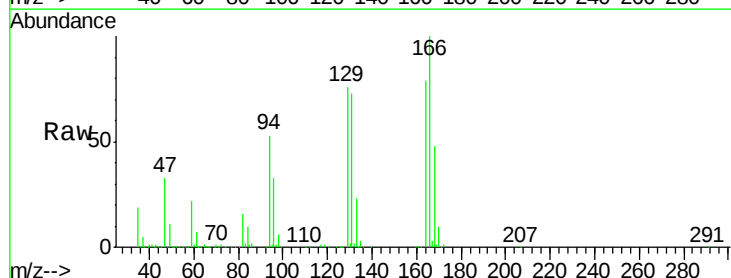
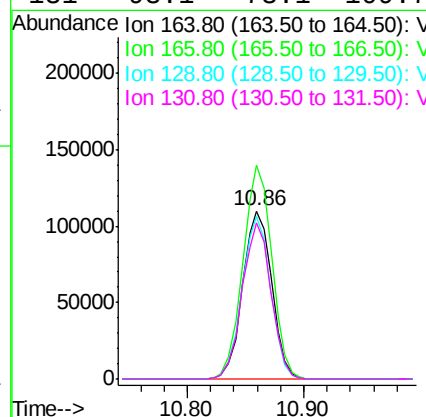
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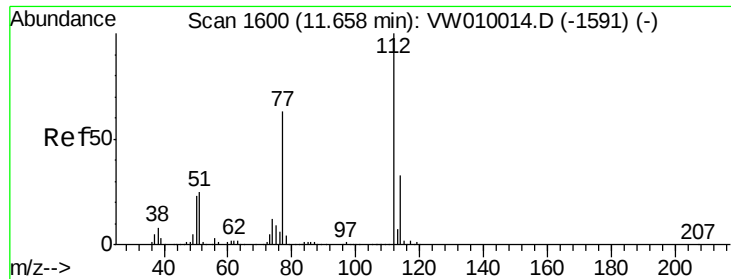
MMDadoda
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#64
Tetrachloroethene
Concen: 56.042 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW010058.D
Acq: 18 Apr 2019 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	191107		
166	127.3		101.2	151.8
129	97.2		77.8	116.6
131	93.1		73.1	109.7





#65

Chlorobenzene

Concen: 51.126 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW010058.D

Acq: 18 Apr 2019 21:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 549682

Ion Ratio Lower Upper

112 100

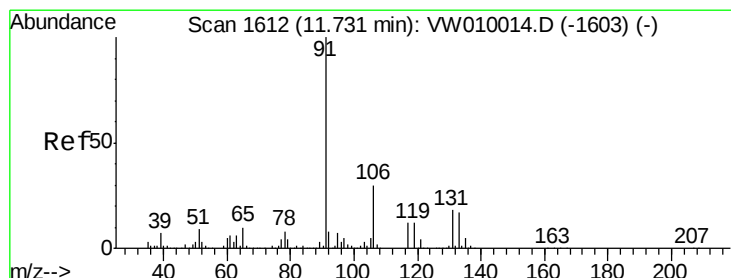
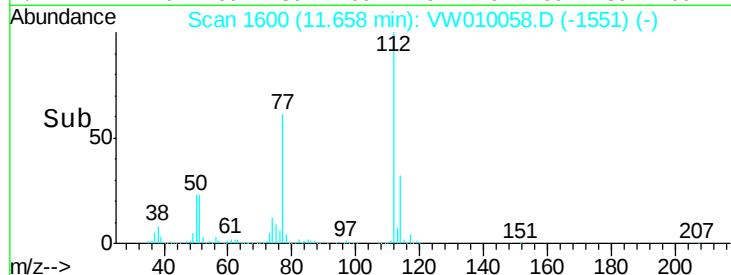
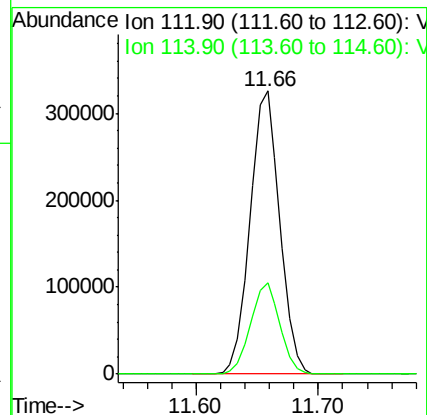
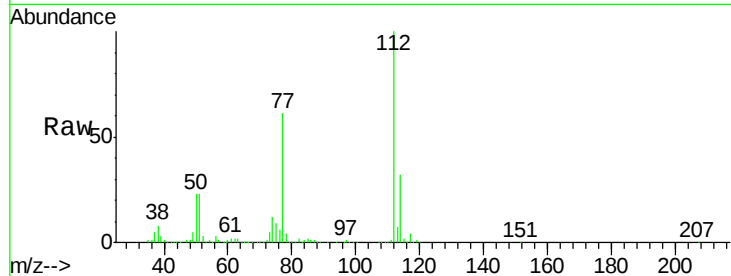
114 32.5 26.5 39.7

Manual Integrations

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#66

1,1,1,2-Tetrachloroethane

Concen: 53.693 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW010058.D

Acq: 18 Apr 2019 21:08

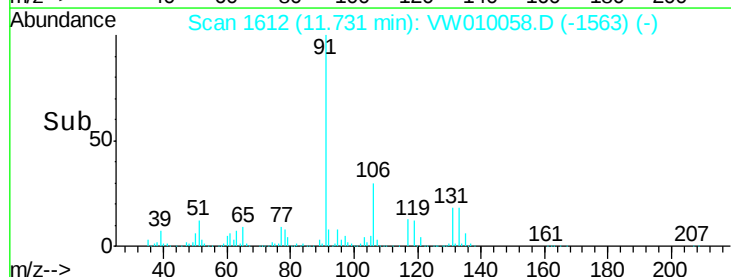
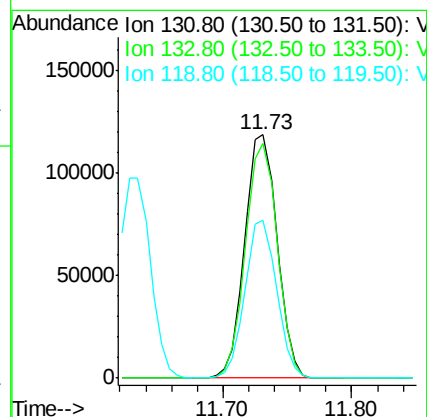
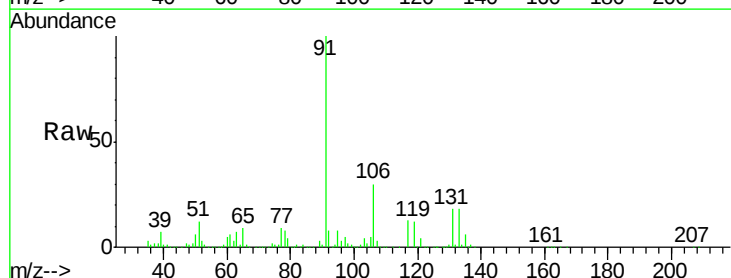
Tgt Ion:131 Resp: 206440

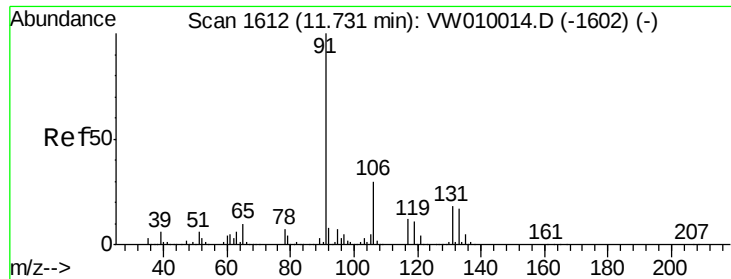
Ion Ratio Lower Upper

131 100

133 94.9 46.5 139.5

119 63.5 31.9 95.5





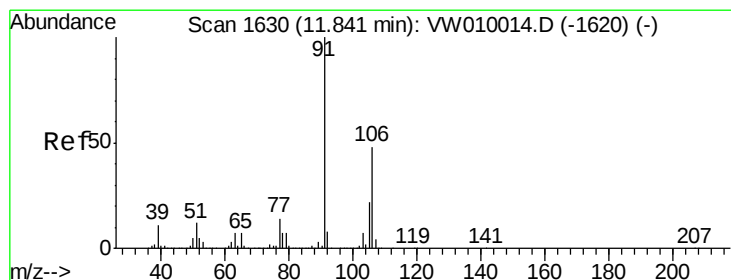
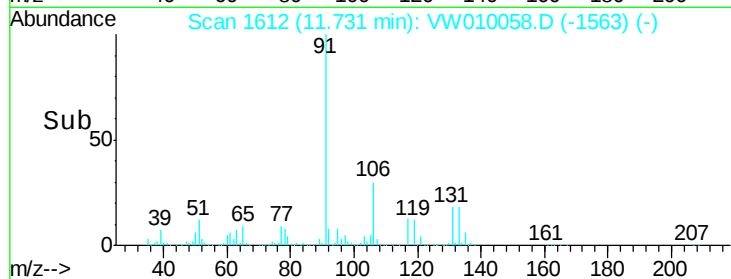
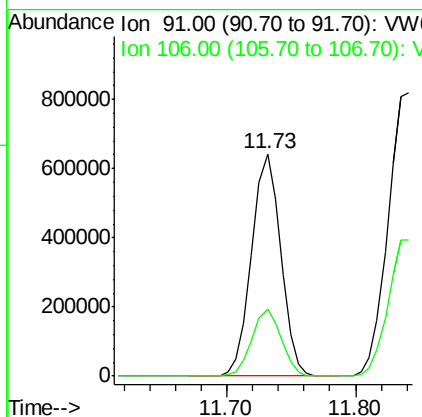
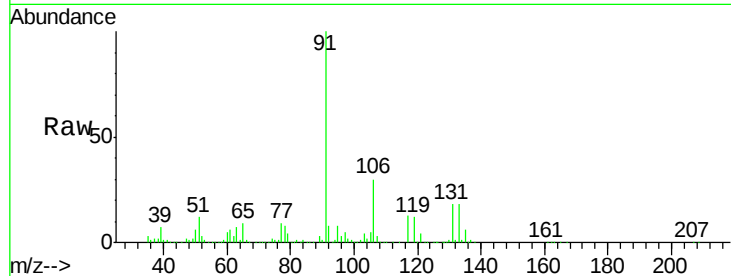
#67
Ethyl Benzene
Concen: 52.210 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW010058.D
Acq: 18 Apr 2019 21:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1001513
Ion Ratio Lower Upper
91 100
106 30.2 23.8 35.8

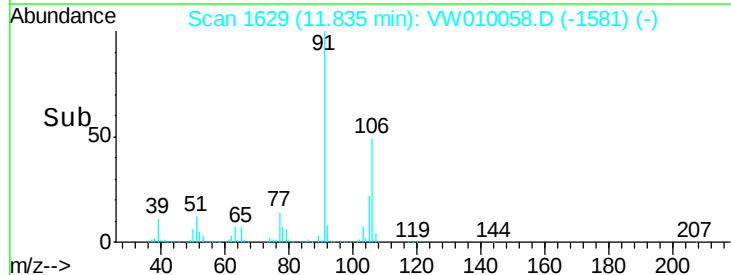
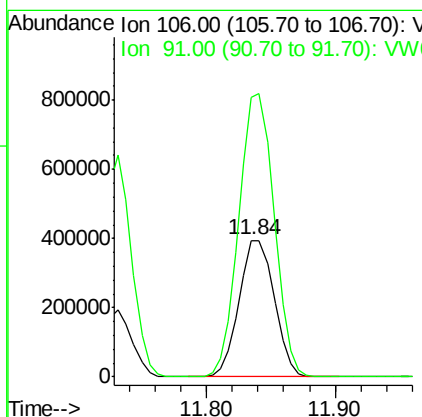
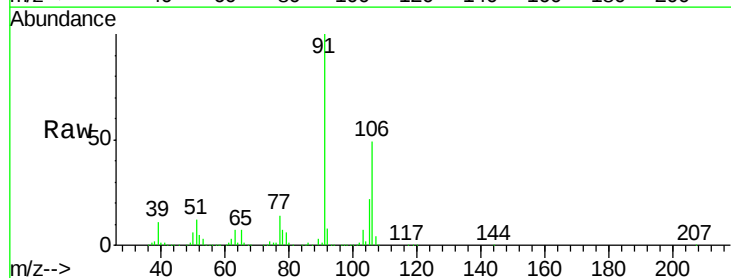
Manual Integrations
APPROVED

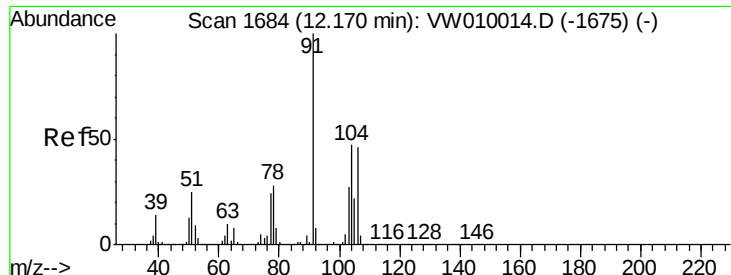
MMDadoda
4/19/2019 12:53:09 PM



#68
m/p-Xylenes
Concen: 104.626 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW010058.D
Acq: 18 Apr 2019 21:08

Tgt Ion: 106 Resp: 750219
Ion Ratio Lower Upper
106 100
91 207.2 165.0 247.6





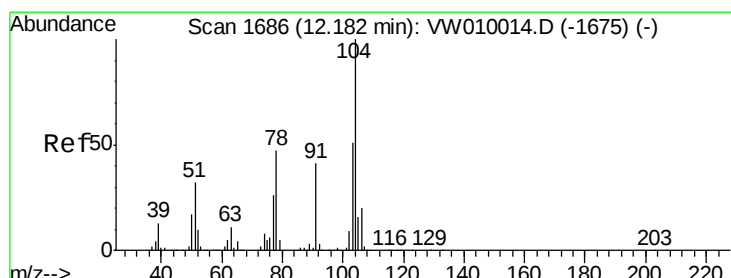
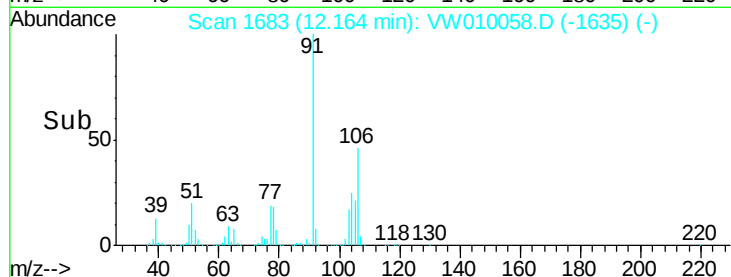
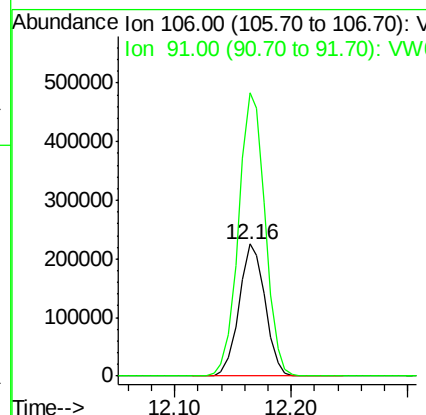
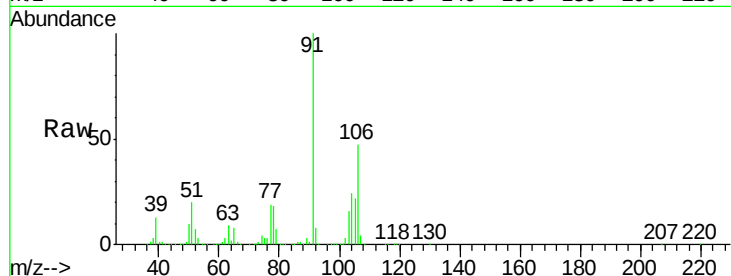
#69
o-Xylene
Concen: 53.885 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW010058.D
Acq: 18 Apr 2019 21:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 351815
Ion Ratio Lower Upper
106 100
91 218.2 110.5 331.4

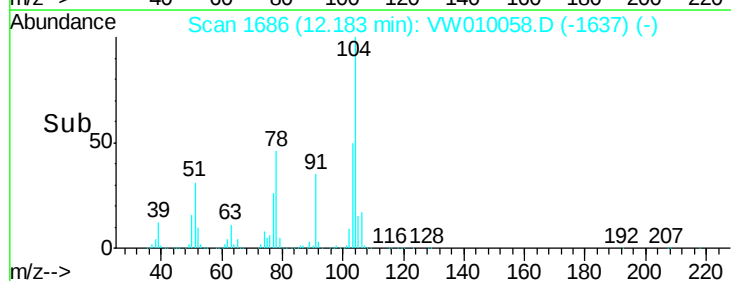
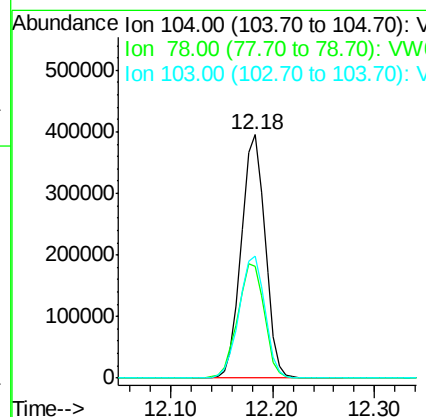
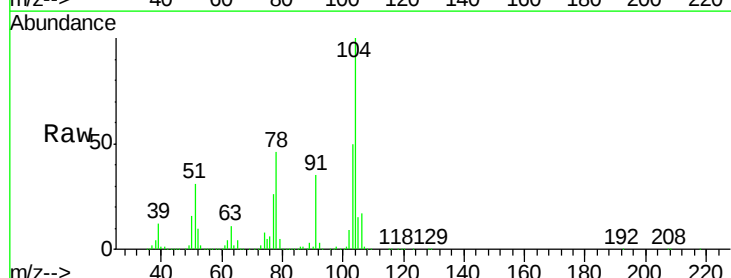
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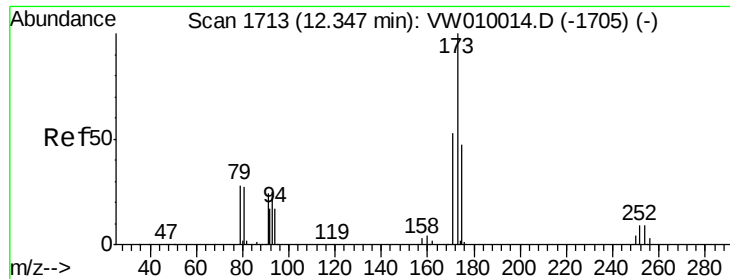
MMDadoda
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#70
Styrene
Concen: 56.853 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW010058.D
Acq: 18 Apr 2019 21:08

Tgt Ion:104 Resp: 640007
Ion Ratio Lower Upper
104 100
78 52.1 42.5 63.7
103 54.3 43.6 65.4





#71

Bromoform

Concen: 58.189 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW010058.D

Acq: 18 Apr 2019 21:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 118302

Ion Ratio Lower Upper

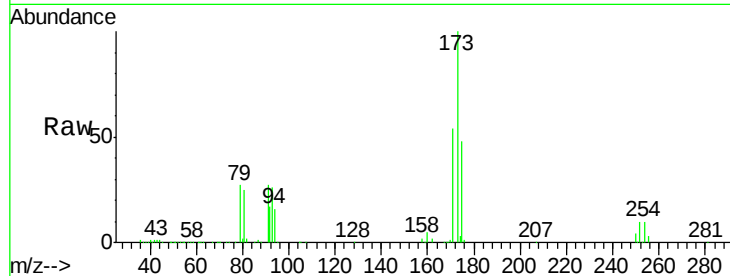
173 100

175 47.6 23.8 71.4

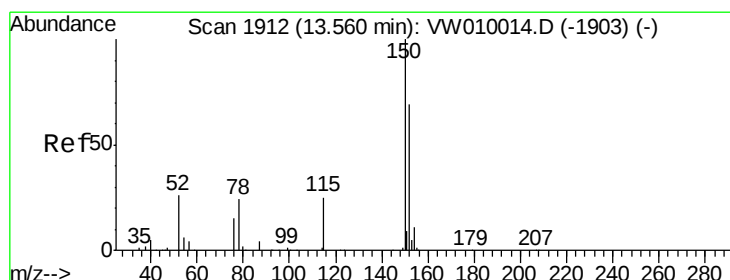
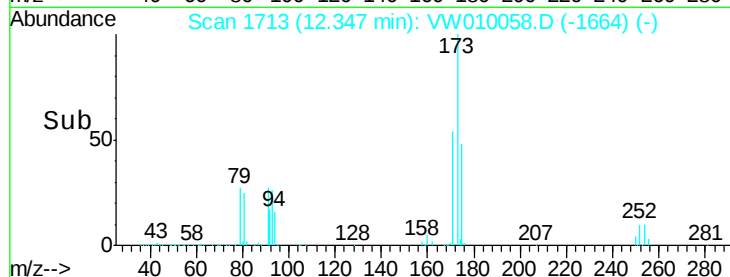
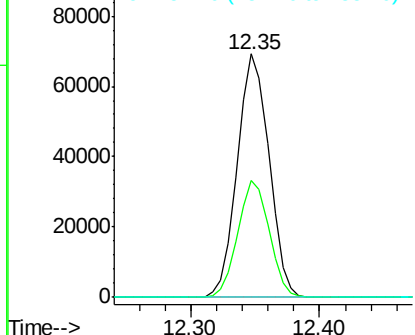
254 0.1 0.1 0.1#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW010058.D

Acq: 18 Apr 2019 21:08

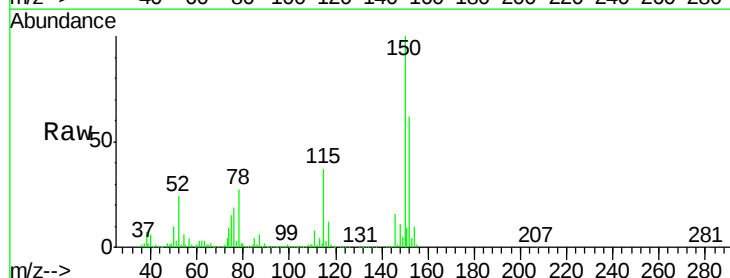
Tgt Ion:152 Resp: 273631

Ion Ratio Lower Upper

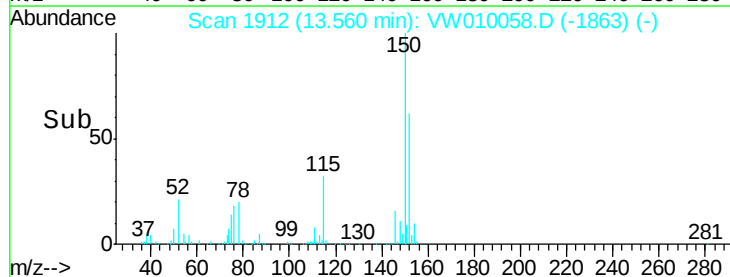
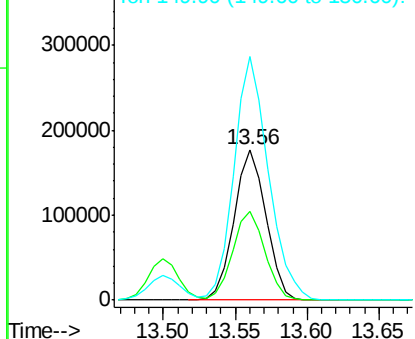
152 100

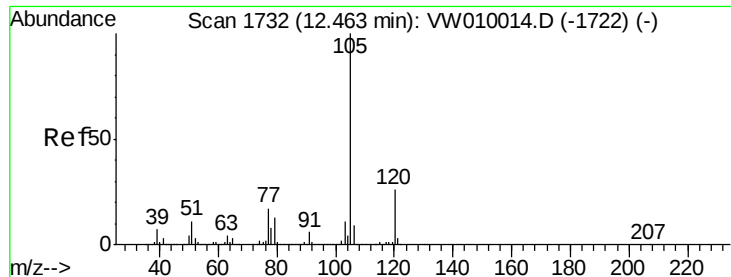
115 59.6 30.4 91.2

150 174.7 0.0 347.0



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





#73

Isopropylbenzene

Concen: 49.845 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW010058.D

Acq: 18 Apr 2019 21:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 949256

Ion Ratio Lower Upper

105 100

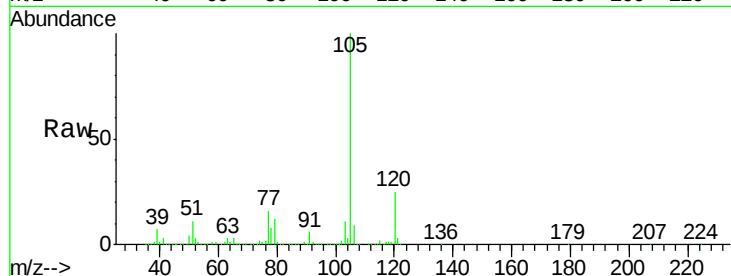
120 26.0 13.1 39.1

Manual Integrations

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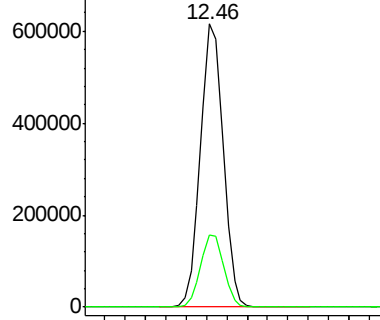
MMDadoda

4/19/2019 12:53:09 PM

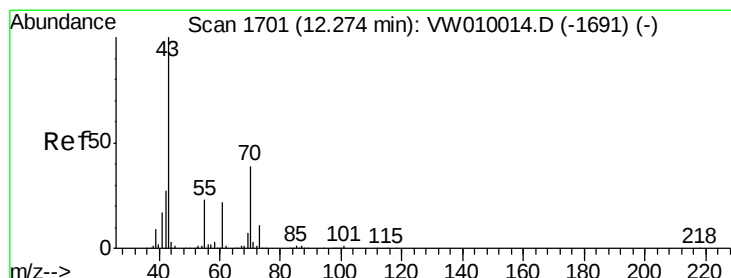
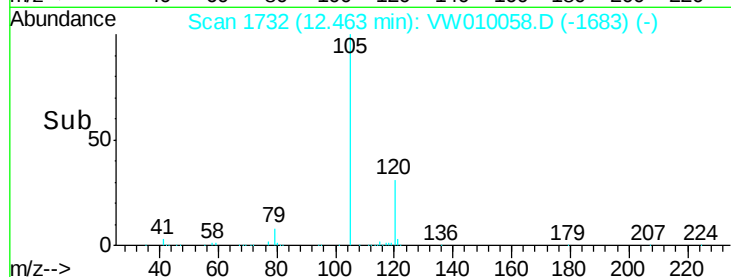


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#74

N-ethyl acetate

Concen: 62.807 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW010058.D

Acq: 18 Apr 2019 21:08

Tgt Ion: 43 Resp: 331238

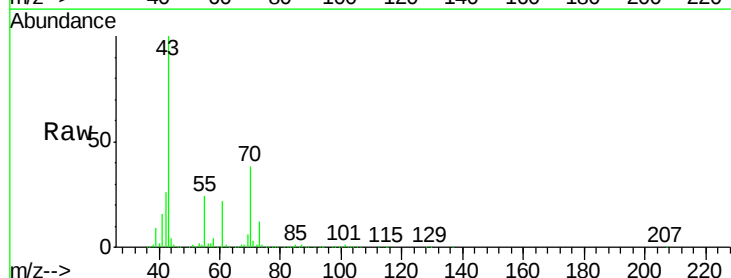
Ion Ratio Lower Upper

43 100

70 38.7 31.3 46.9

55 25.1 20.0 30.0

61 21.9 17.8 26.8

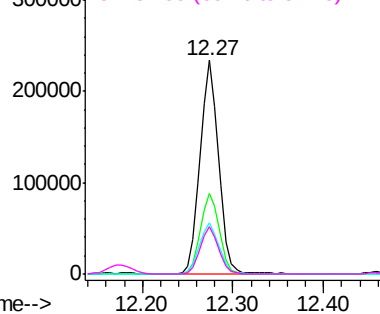


Abundance Ion 43.00 (42.70 to 43.70): VW

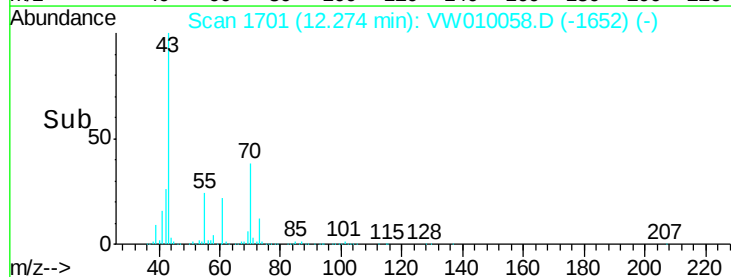
Ion 70.00 (69.70 to 70.70): VW

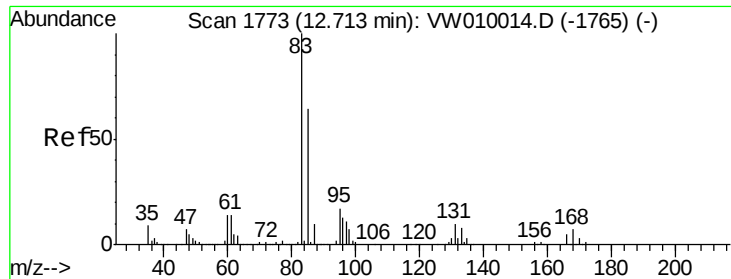
Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW



Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 58.915 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW010058.D

Acq: 18 Apr 2019 21:08

Instrument :

MSVOA_W

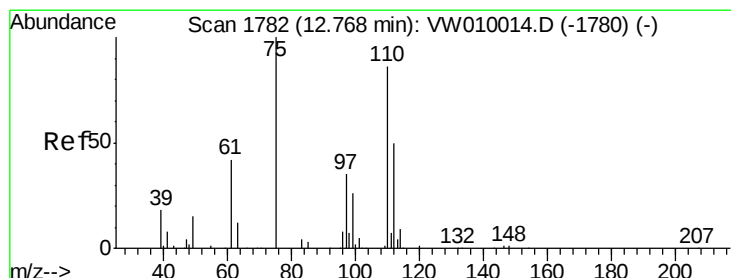
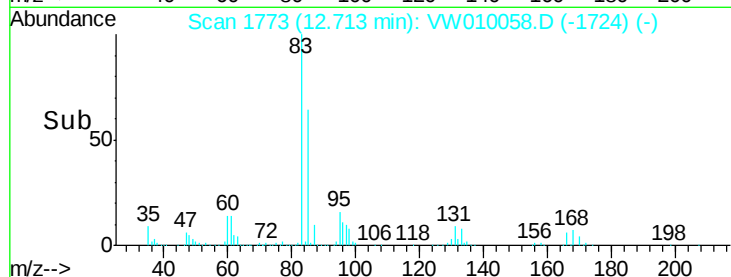
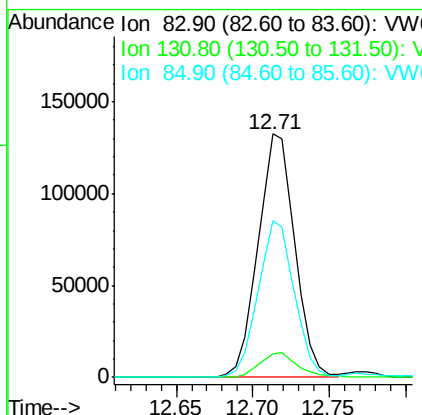
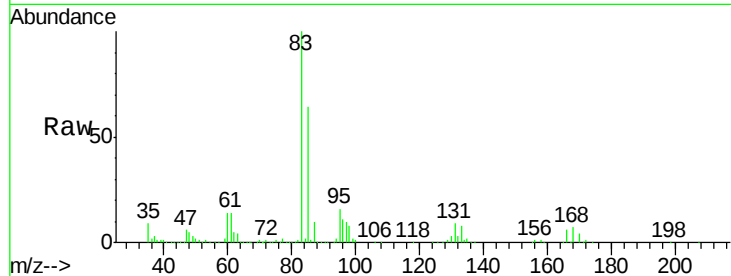
ClientSampled :

VSTDCCC050EC

Tot Ion:	83	Resp:	221668
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.3	15.8
85	63.4	32.0	96.2

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#76

1,2,3-Trichloropropane

Concen: 58.487 ug/l m

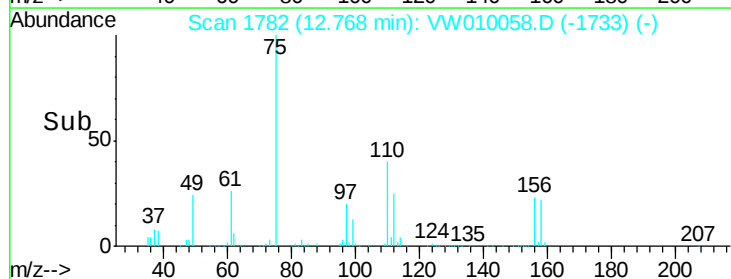
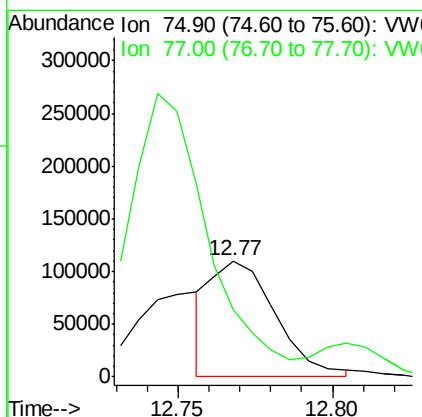
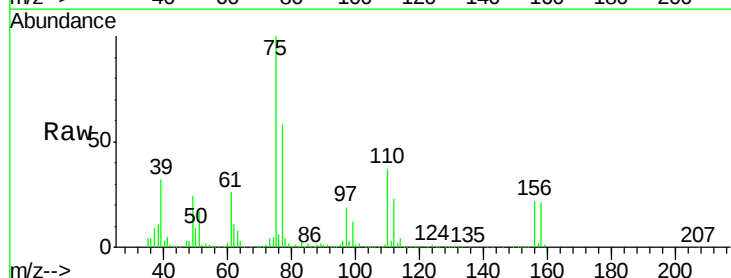
RT: 12.77 min Scan# 1782

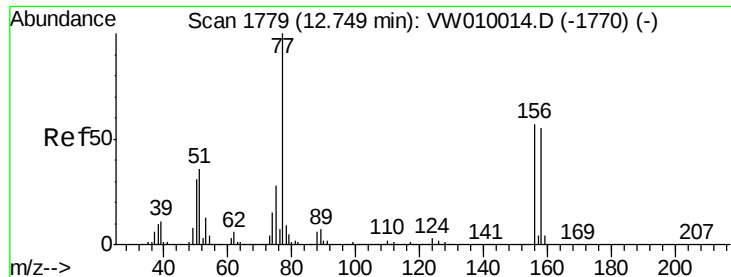
Delta R.T. 0.00 min

Lab File: VW010058.D

Acq: 18 Apr 2019 21:08

Tgt Ion:	75	Resp:	160175
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 53.305 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW010058.D

Acq: 18 Apr 2019 21:08

Instrument :

MSVOA_W

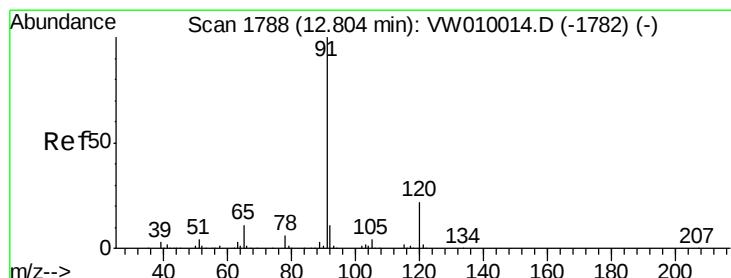
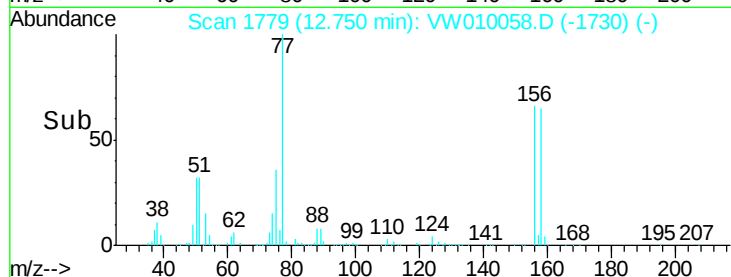
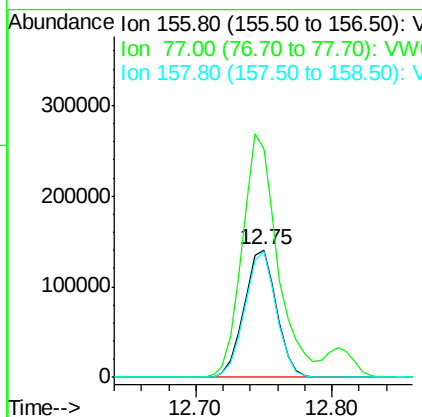
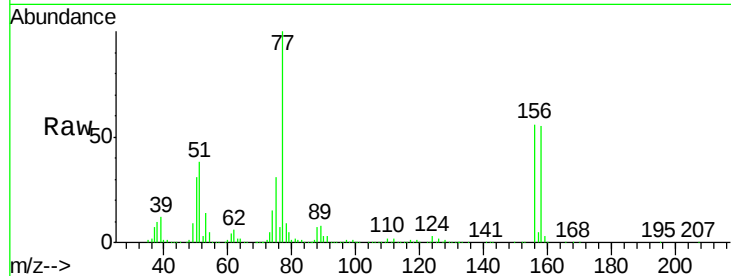
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	233471
Ion Ratio	Lower	Upper	
156	100		
77	207.5	102.5	307.4
158	96.4	48.8	146.4

Manual Integrations
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#78

n-propylbenzene

Concen: 49.881 ug/l

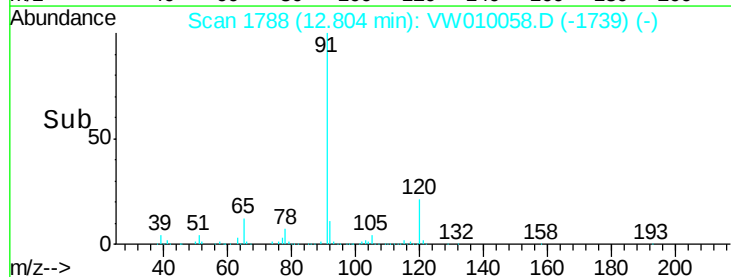
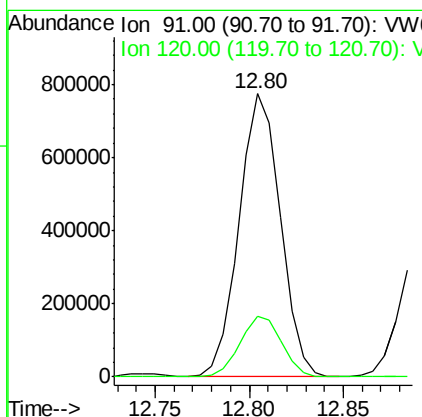
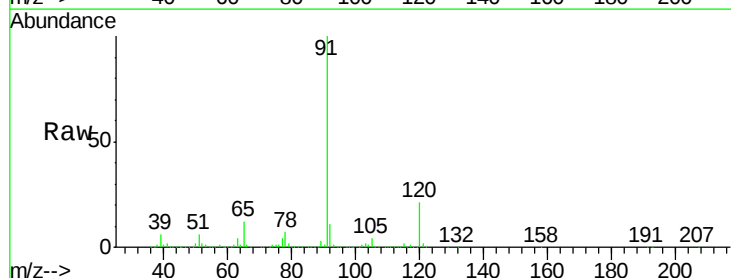
RT: 12.80 min Scan# 1788

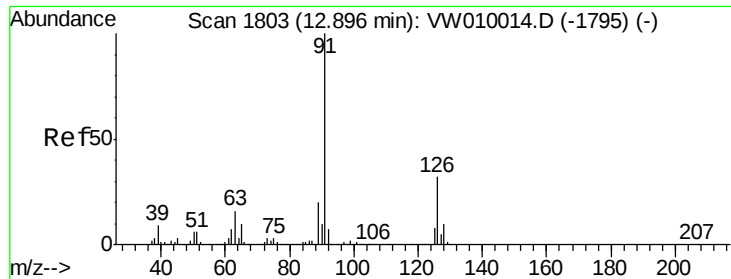
Delta R.T. 0.00 min

Lab File: VW010058.D

Acq: 18 Apr 2019 21:08

Tgt Ion:	91	Resp:	1177327
Ion Ratio	Lower	Upper	
91	100		
120	21.8	11.1	33.1





#79

2-Chlorotoluene

Concen: 50.549 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.01 min

Lab File: VW010058.D

Acq: 18 Apr 2019 21:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 686184

Ion Ratio Lower Upper

91 100

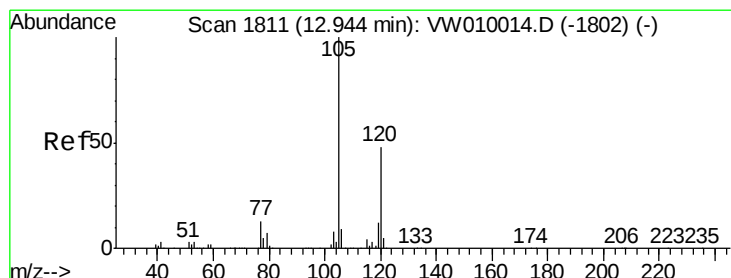
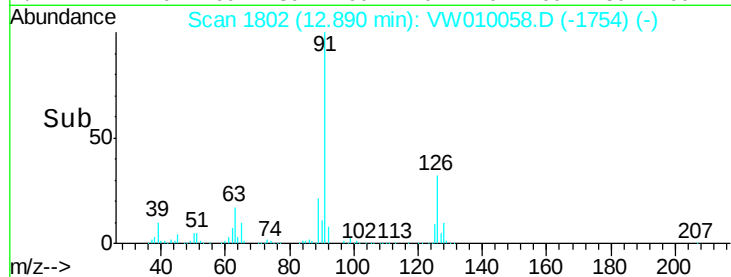
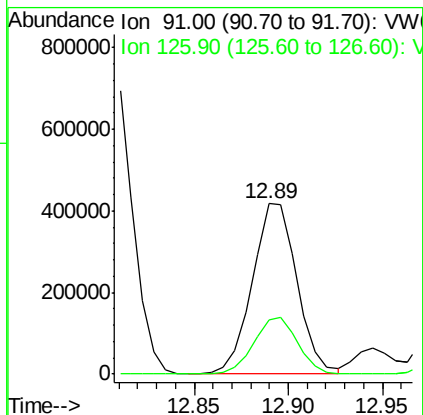
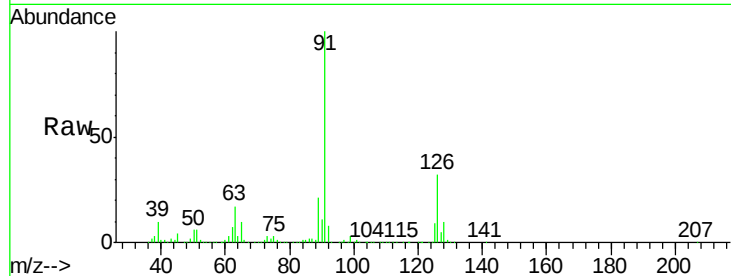
126 32.8 16.3 48.8

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 51.994 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW010058.D

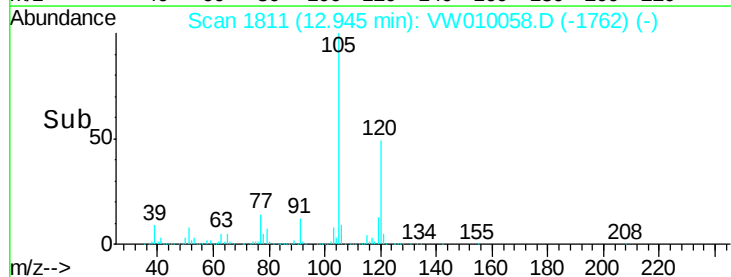
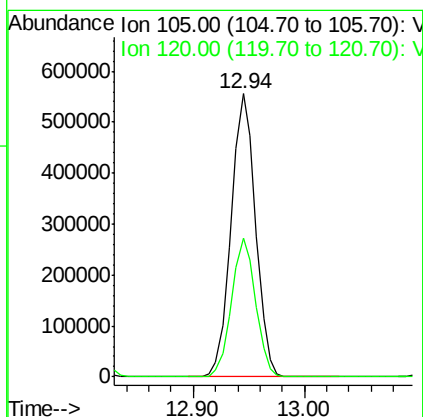
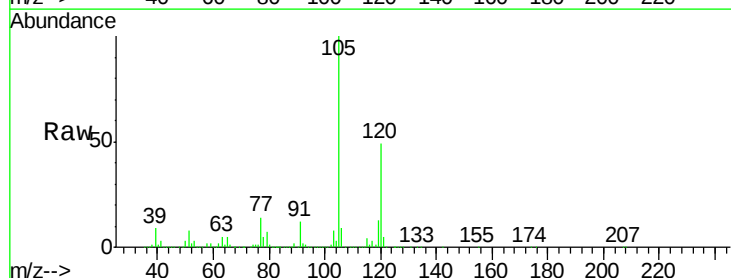
Acq: 18 Apr 2019 21:08

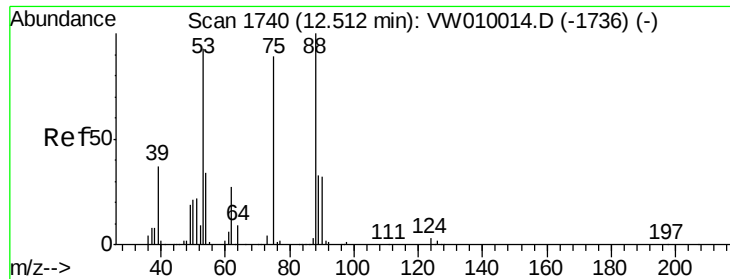
Tgt Ion: 105 Resp: 839557

Ion Ratio Lower Upper

105 100

120 48.6 24.3 72.8





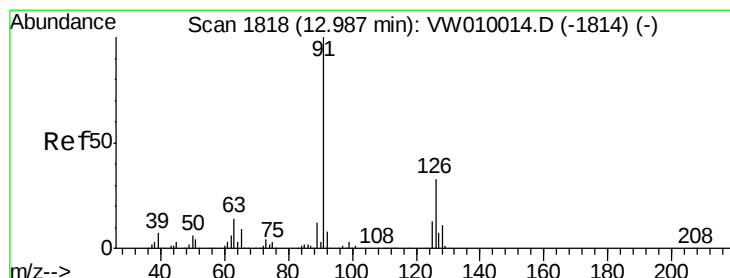
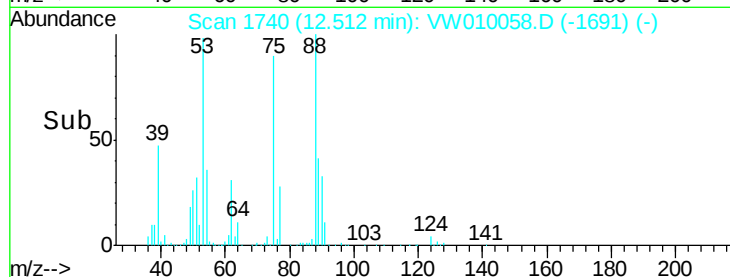
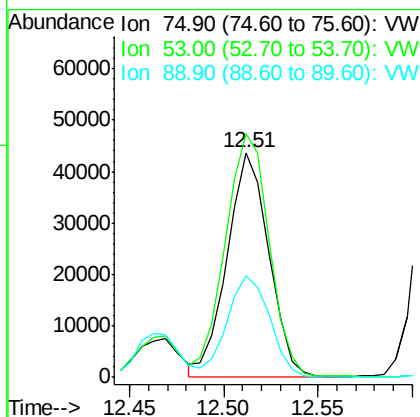
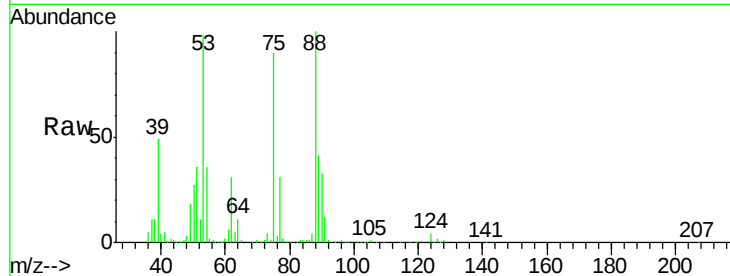
#81
trans-1,4-Dichloro-2-butene
Concen: 57.252 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW010058.D
Acq: 18 Apr 2019 21:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	115.4	89.8	134.8
89	46.6	36.6	54.8

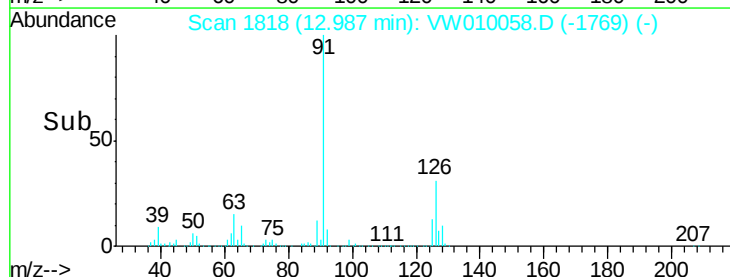
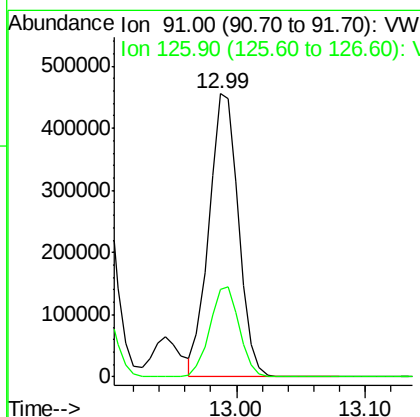
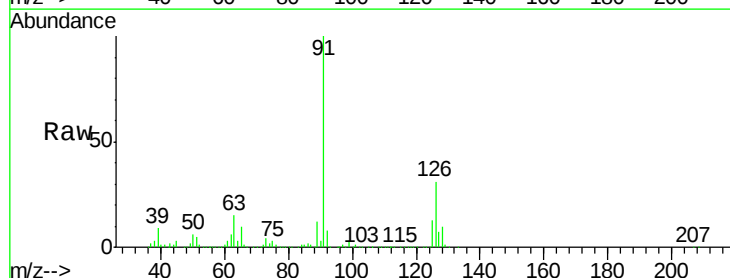
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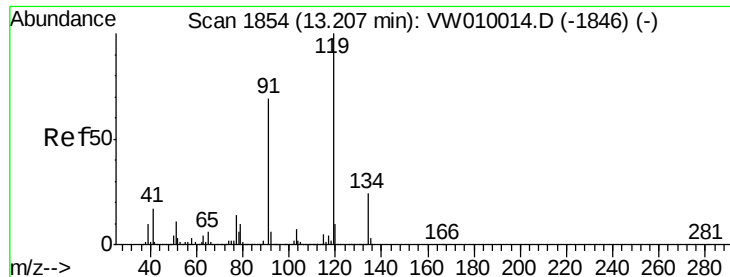
MMDadoda
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#82
4-Chlorotoluene
Concen: 51.127 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VW010058.D
Acq: 18 Apr 2019 21:08

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.0	16.4	49.1





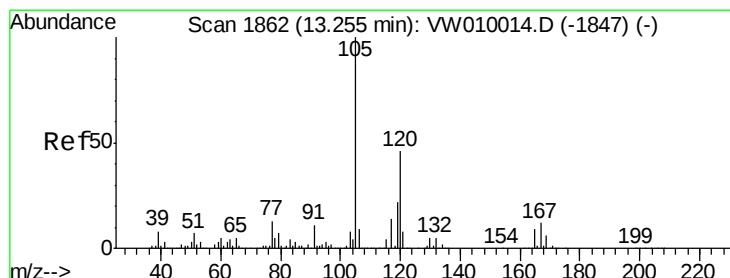
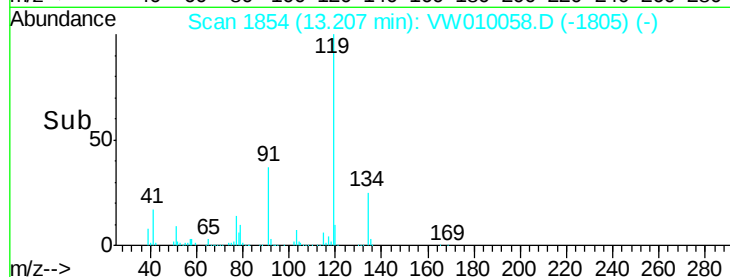
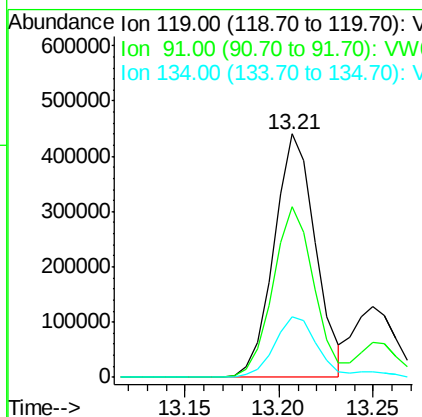
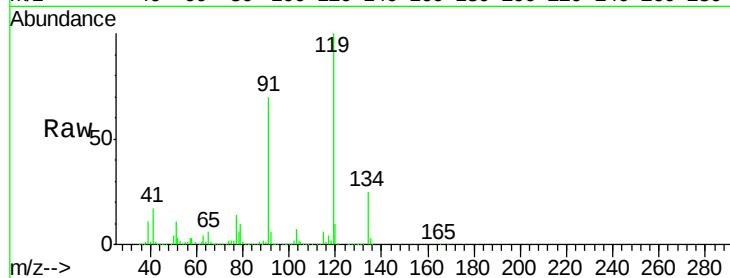
#83
tert-Butylbenzene
Concen: 50.239 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW010058.D
Acq: 18 Apr 2019 21:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	70.6	34.8	104.4
134	25.4	13.7	41.1

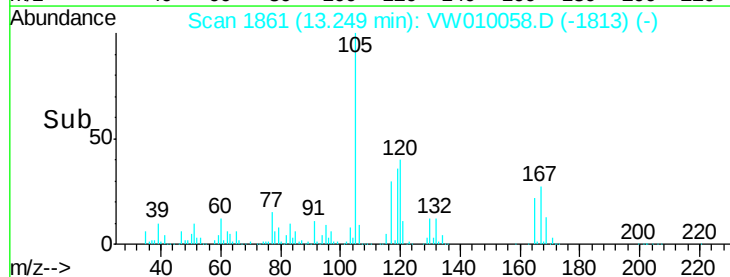
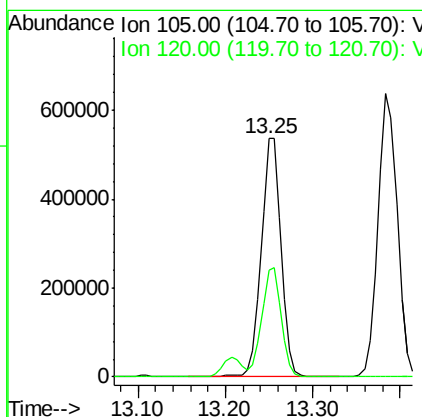
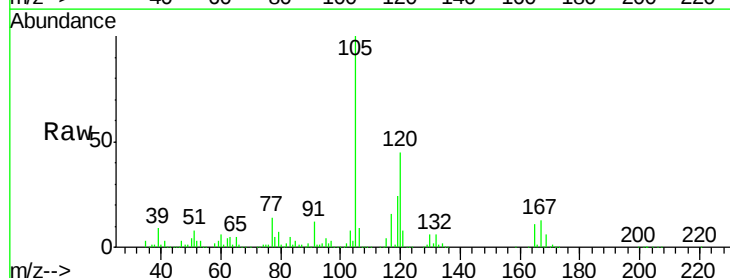
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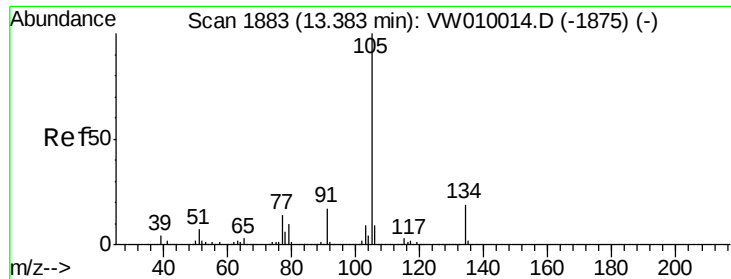
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 51.921 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.01 min
Lab File: VW010058.D
Acq: 18 Apr 2019 21:08

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.8	22.6	67.7





#85

sec-Butylbenzene

Concen: 48.555 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW010058.D

Acq: 18 Apr 2019 21:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 970258

Ion Ratio Lower Upper

105 100

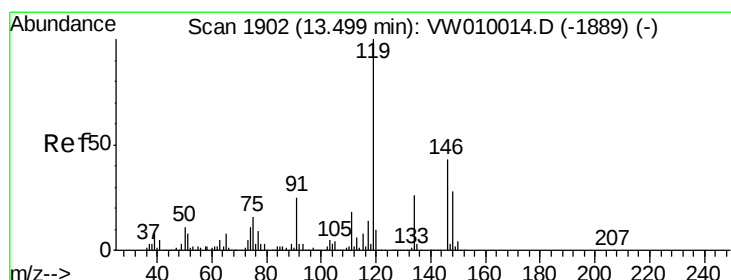
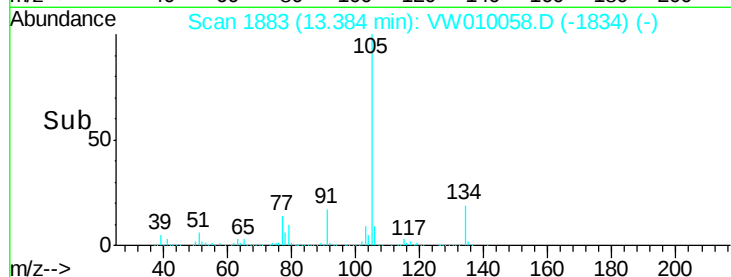
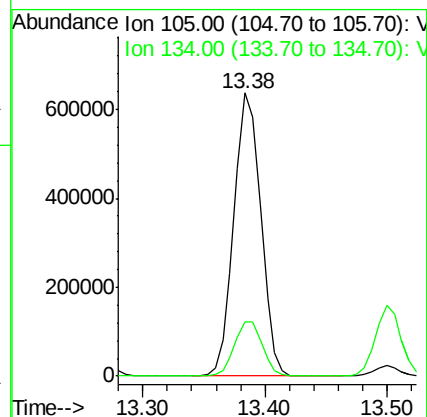
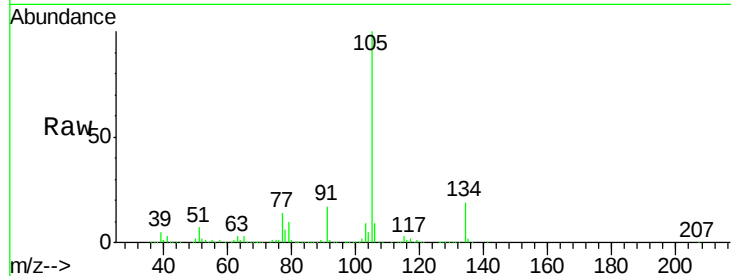
134 20.0 9.8 29.5

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#86

p-Isopropyltoluene

Concen: 50.739 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW010058.D

Acq: 18 Apr 2019 21:08

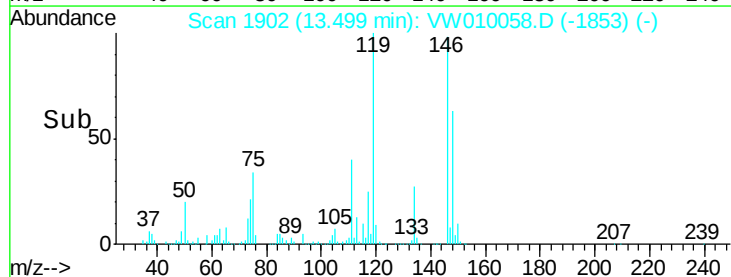
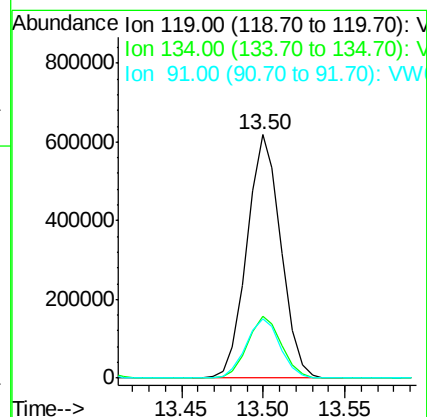
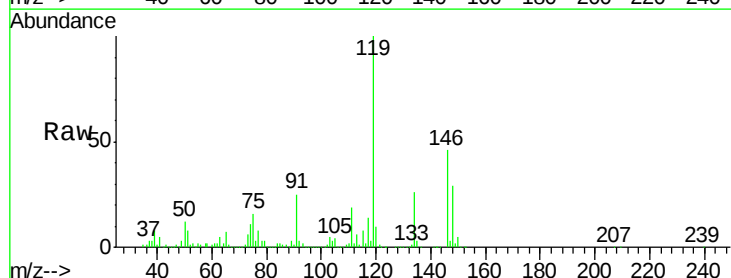
Tgt Ion:119 Resp: 893653

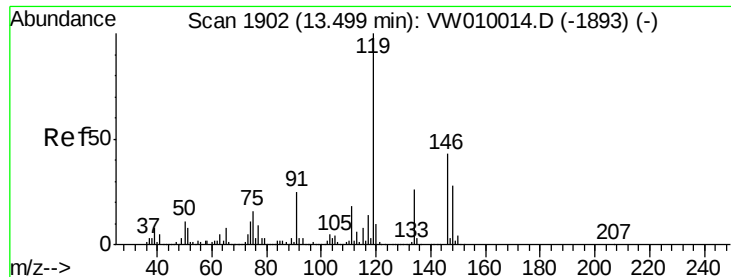
Ion Ratio Lower Upper

119 100

134 25.6 13.0 38.9

91 24.8 12.3 36.9





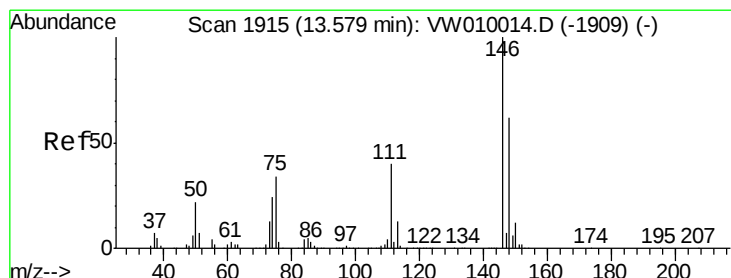
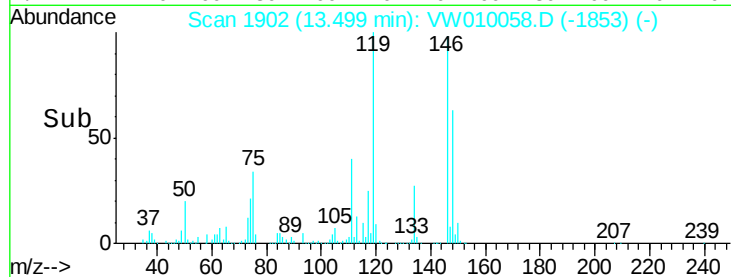
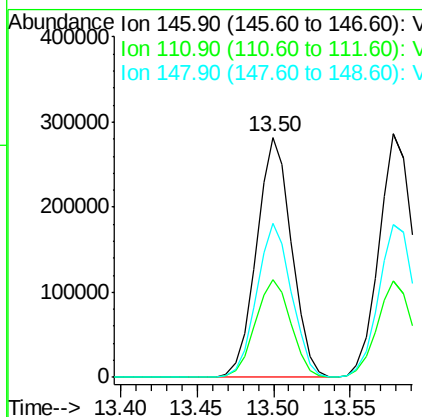
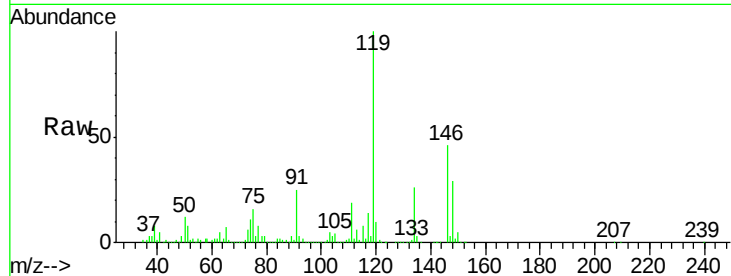
#87
 1,3-Dichlorobenzene
 Concen: 50.786 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW010058.D
 Acq: 18 Apr 2019 21:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	449643		
111	41.4	20.3	61.0	
148	63.8	32.0	96.2	

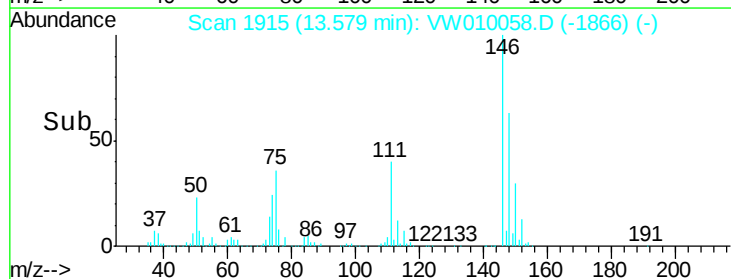
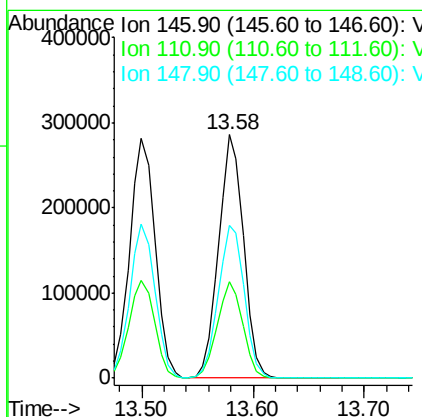
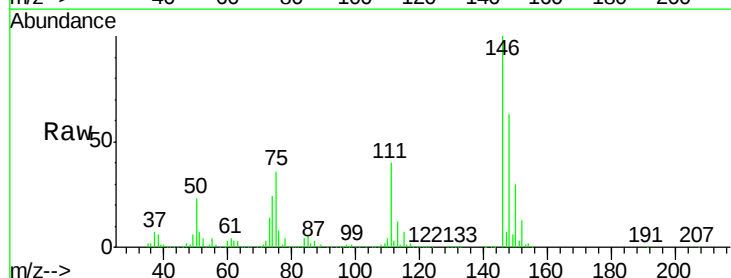
Manual Integrations
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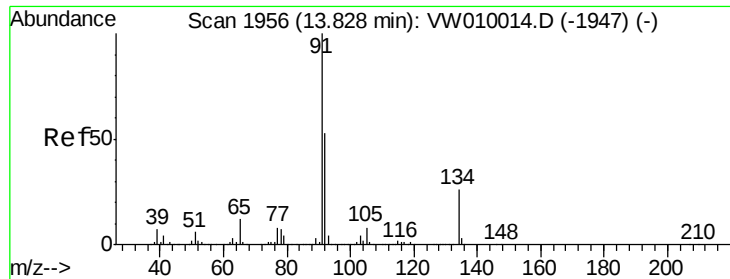
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 4/19/2019 12:53:09 PM



#88
 1,4-Dichlorobenzene
 Concen: 50.280 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW010058.D
 Acq: 18 Apr 2019 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	444340		
111	40.2	20.1	60.3	
148	64.9	31.8	95.3	





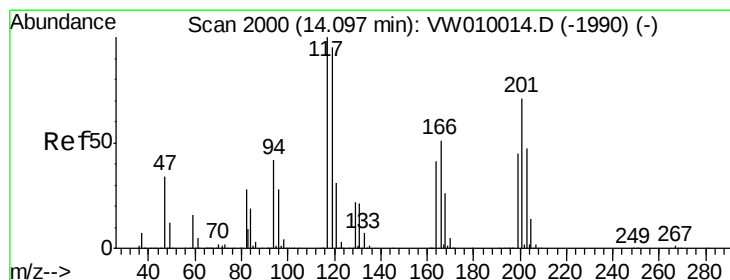
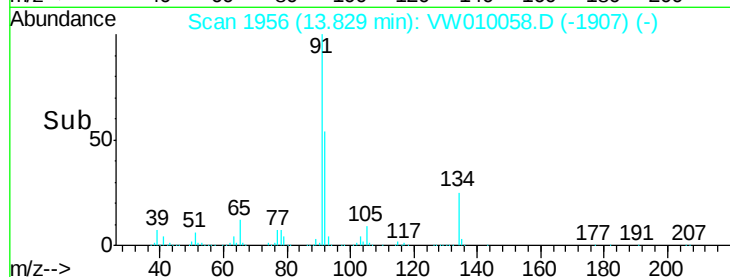
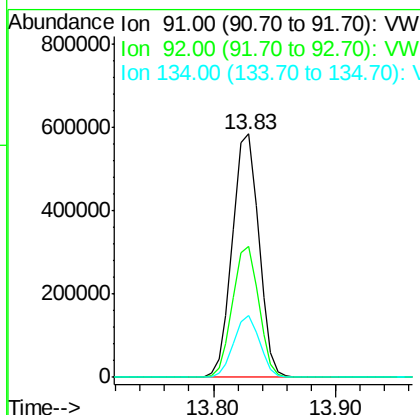
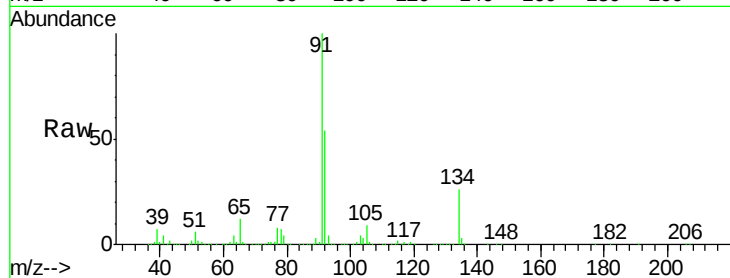
#89
n-Butylbenzene
Concen: 49.920 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW010058.D
Acq: 18 Apr 2019 21:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.5	26.5	79.4
134	24.9	12.4	37.0

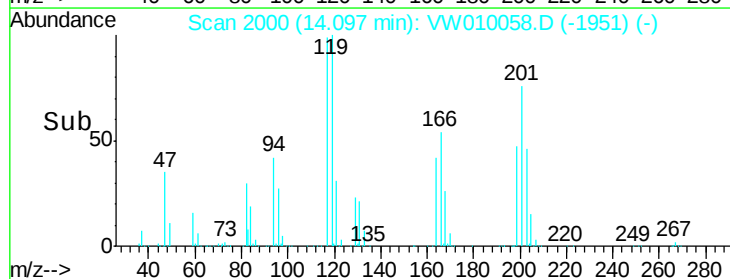
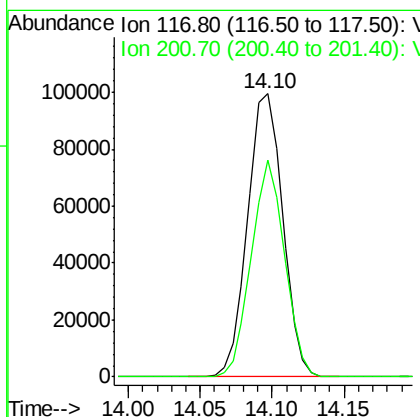
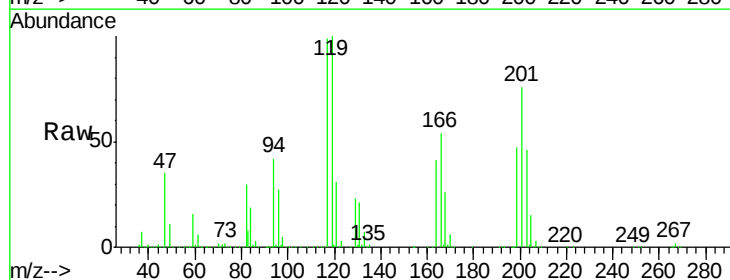
Manual Integrations
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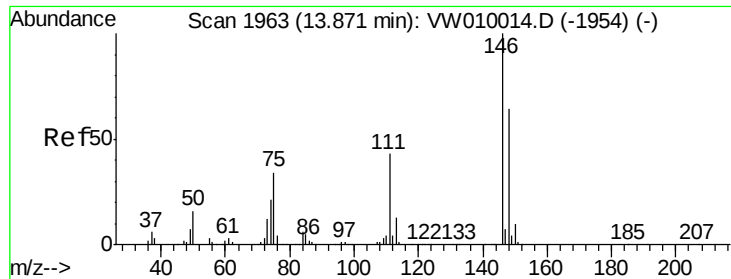
MMDadoda
4/19/2019 12:53:09 PM



#90
Hexachloroethane
Concen: 49.833 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW010058.D
Acq: 18 Apr 2019 21:08

Tgt Ion	Ratio	Lower	Upper
117	100		
201	72.6	36.1	108.3





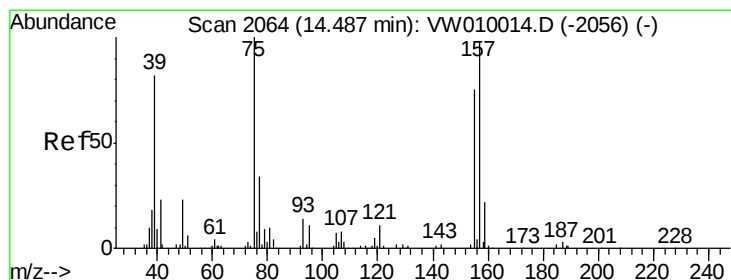
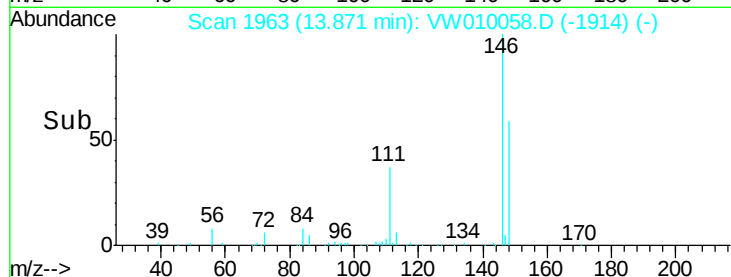
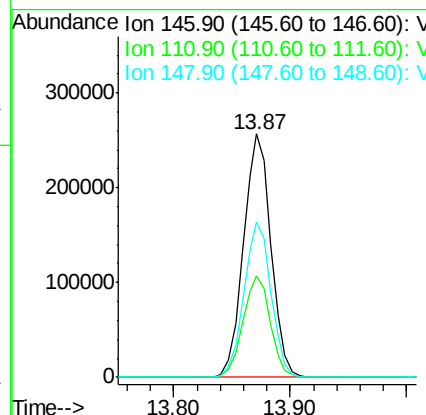
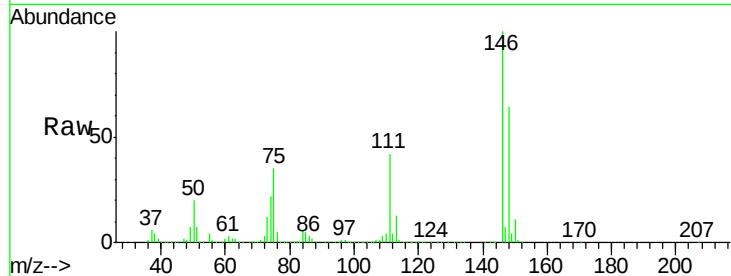
#91
 1,2-Dichlorobenzene
 Concen: 52.808 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW010058.D
 Acq: 18 Apr 2019 21:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	419218		
111	41.5	20.9	62.8	
148	63.2	31.9	95.7	

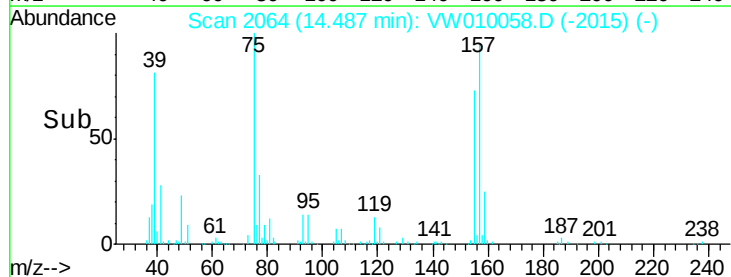
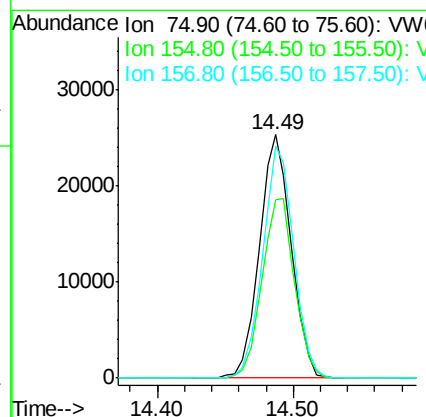
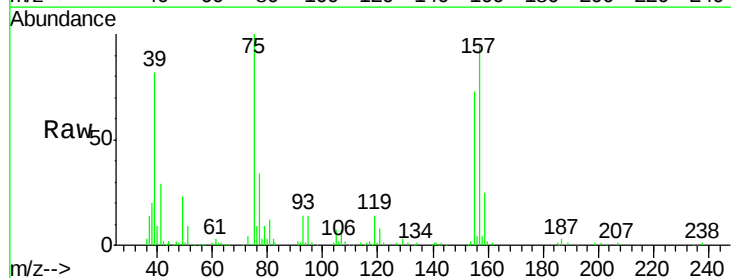
Manual Integrations
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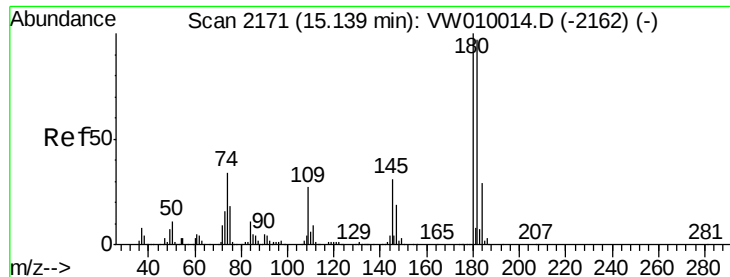
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 61.353 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW010058.D
 Acq: 18 Apr 2019 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	41311		
155	75.4	37.1	111.5	
157	93.4	47.3	141.9	





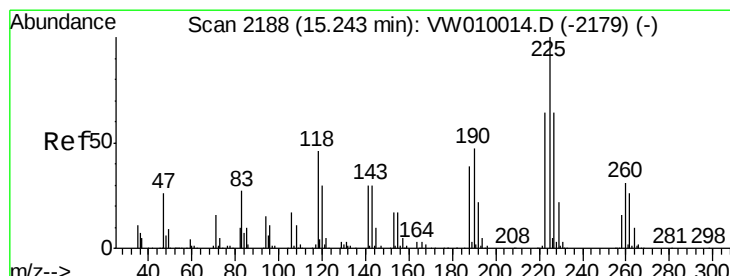
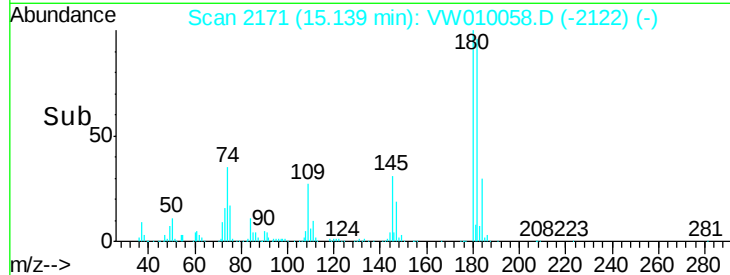
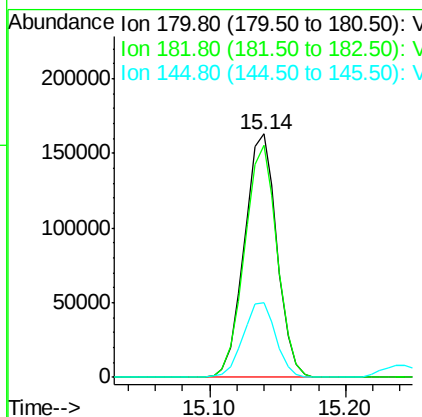
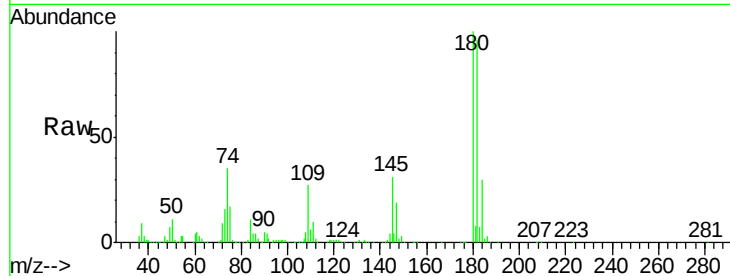
#93
 1,2,4-Trichlorobenzene
 Concen: 52.084 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW010058.D
 Acq: 18 Apr 2019 21:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	272779		
182	95.4	47.1	141.4	
145	31.0	15.2	45.6	

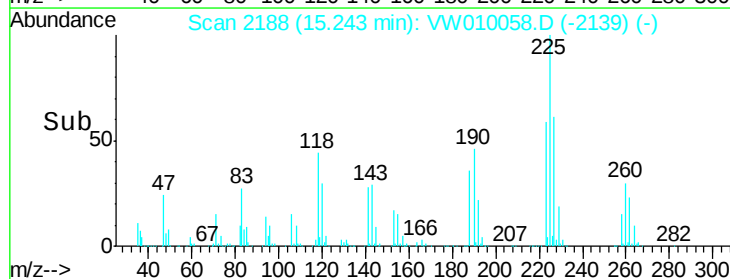
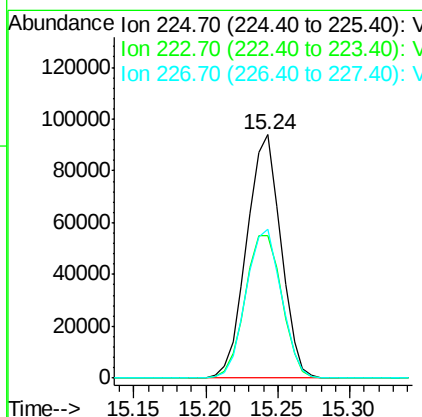
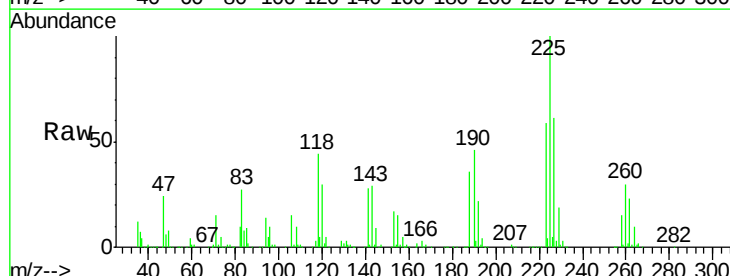
Manual Integrations
 APPROVED

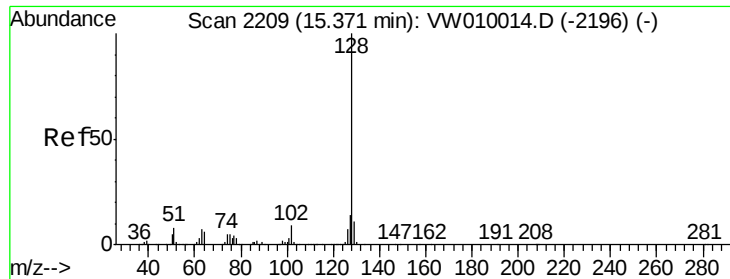
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#94
 Hexachlorobutadiene
 Concen: 48.441 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW010058.D
 Acq: 18 Apr 2019 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	154061		
223	63.0	31.9	95.5	
227	63.3	31.8	95.3	





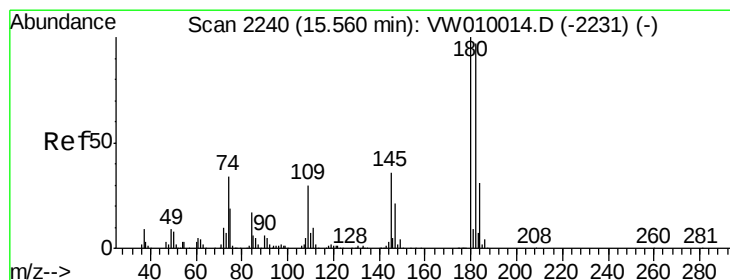
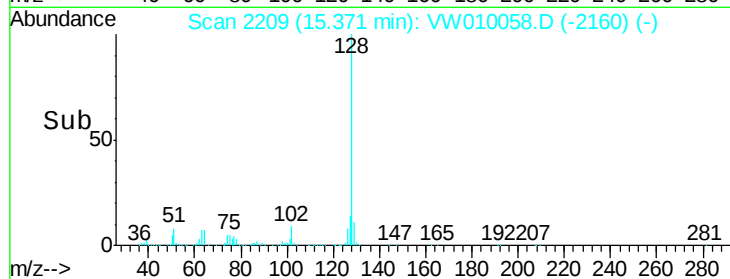
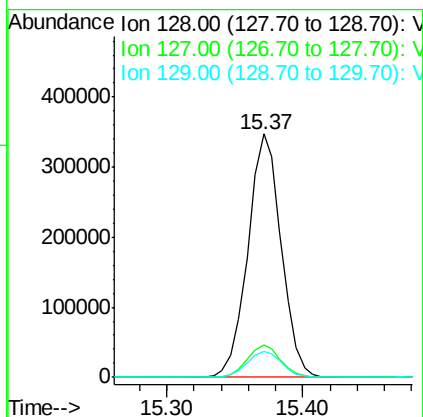
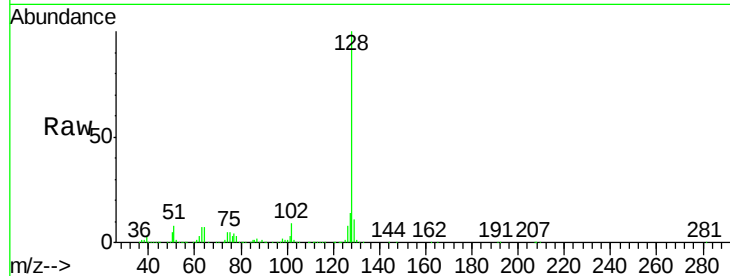
#95
Naphthalene
Concen: 56.816 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW010058.D
Acq: 18 Apr 2019 21:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

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

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 56.833 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW010058.D
Acq: 18 Apr 2019 21:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	47.8	143.3
145	32.8	16.4	49.2

