

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062718\
 Data File : VW003603.D
 Acq On : 27 Jun 2018 10:24
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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 6/28/2018 12:35:11 PM

Quant Time: Jun 27 14:08:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	223607	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	338139	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	311593	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	169842	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	123465	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	
35) Dibromofluoromethane	7.88	113	109403	52.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.14%	
50) Toluene-d8	10.33	98	440945	52.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.86%	
62) 4-Bromofluorobenzene	12.63	95	157898	53.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	48546	71.81	ug/l	88
3) Chloromethane	2.21	50	77417	45.33	ug/l	97
4) Vinyl Chloride	2.36	62	107271	43.08	ug/l	98
5) Bromomethane	2.78	94	68141	41.17	ug/l	98
6) Chloroethane	2.92	64	73829	42.60	ug/l	99
7) Trichlorofluoromethane	3.25	101	75108	50.35	ug/l	97
8) Diethyl Ether	3.68	74	49320	45.01	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	98941	47.77	ug/l	99
10) Methyl Iodide	4.26	142	144631	46.17	ug/l	100
11) Tert butyl alcohol	5.23	59	27207m	209.45	ug/l	
12) 1,1-Dichloroethene	4.03	96	94071	46.47	ug/l	97
13) Acrolein	3.90	56	39983	215.29	ug/l	98
14) Allyl chloride	4.66	41	162802	46.43	ug/l	100
15) Acrylonitrile	5.38	53	104956	232.80	ug/l	100
16) Acetone	4.15	43	137286	270.27	ug/l	99
17) Carbon Disulfide	4.37	76	272099	45.47	ug/l	100
18) Methyl Acetate	4.68	43	56731	47.08	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	176238	46.49	ug/l	99
20) Methylene Chloride	4.90	84	105874	48.99	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	102762	46.65	ug/l	98
22) Diisopropyl ether	6.31	45	342332	48.51	ug/l	97
23) Vinyl Acetate	6.26	43	954352	234.69	ug/l	99
24) 1,1-Dichloroethane	6.21	63	201555	48.11	ug/l	98
25) 2-Butanone	7.18	43	155917	246.84	ug/l	99
26) 2,2-Dichloropropane	7.17	77	130715	46.75	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	114654	47.38	ug/l	98
28) Bromochloromethane	7.51	49	94080	53.97	ug/l	97
29) Tetrahydrofuran	7.54	42	88930	230.37	ug/l	98
30) Chloroform	7.68	83	203972	47.79	ug/l	97
31) Cyclohexane	7.96	56	177656	45.39	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	169695	48.17	ug/l	100
36) 1,1-Dichloropropene	8.09	75	163677	50.12	ug/l	99
37) Ethyl Acetate	7.26	43	61063	45.14	ug/l	99
38) Carbon Tetrachloride	8.07	117	160468	50.10	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	189406	50.13	ug/l	98
40) Benzene	8.32	78	444833	49.42	ug/l	98
41) Methacrylonitrile	7.49	41	39395	47.45	ug/l	100
42) 1,2-Dichloroethane	8.40	62	138323	49.05	ug/l	99
43) Isopropyl Acetate	8.43	43	123573	46.00	ug/l	99
44) Trichloroethene	9.09	130	116182	48.71	ug/l	99
45) 1,2-Dichloropropane	9.37	63	113984	49.73	ug/l	99
46) Dibromomethane	9.46	93	57002	48.58	ug/l	98
47) Bromodichloromethane	9.65	83	151077	50.23	ug/l	98
48) Methyl methacrylate	9.44	41	60036	47.56	ug/l	99
49) 1,4-Dioxane	9.49	88	15873	895.94	ug/l	92
51) 4-Methyl-2-Pentanone	10.21	43	332601	242.99	ug/l	99
52) Toluene	10.39	92	287615	49.83	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	149080	48.52	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	173344	49.57	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	80487	48.68	ug/l	99
56) Ethyl methacrylate	10.65	69	97969	48.79	ug/l	99
57) 1,3-Dichloropropane	10.94	76	140238	49.18	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	218017	242.22	ug/l	99
59) 2-Hexanone	10.98	43	253729	265.35	ug/l	99
60) Dibromochloromethane	11.13	129	96816	49.24	ug/l	100
61) 1,2-Dibromoethane	11.24	107	76306	48.79	ug/l	98
64) Tetrachloroethene	10.87	164	99573	47.78	ug/l	97
65) Chlorobenzene	11.66	112	314015	48.39	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	110652	48.53	ug/l	99
67) Ethyl Benzene	11.74	91	574792	49.97	ug/l	100
68) m/p-Xylenes	11.85	106	439630	100.55	ug/l	99
69) o-Xylene	12.17	106	202862	50.06	ug/l	100
70) Styrene	12.19	104	346661	51.40	ug/l	99
71) Bromoform	12.35	173	56229	47.58	ug/l	100
73) Isopropylbenzene	12.47	105	578413	48.96	ug/l	99
74) N-amyl acetate	12.28	43	122736	45.65	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	95284	47.68	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	70070m	48.26	ug/l	
77) Bromobenzene	12.76	156	129411	47.04	ug/l	97
78) n-propylbenzene	12.81	91	722133	49.92	ug/l	100
79) 2-Chlorotoluene	12.90	91	401247	49.09	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	494579	49.88	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	28975	45.92	ug/l	95
82) 4-Chlorotoluene	12.99	91	422441	48.71	ug/l	100
83) tert-Butylbenzene	13.21	119	418016	49.47	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	507522	49.76	ug/l	100
85) sec-Butylbenzene	13.39	105	628013	50.00	ug/l	100
86) p-Isopropyltoluene	13.51	119	550509	49.69	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	271889	48.11	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	268367	47.76	ug/l	100
89) n-Butylbenzene	13.83	91	545432	50.51	ug/l	99
90) Hexachloroethane	14.10	117	97396	48.60	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	237856	48.04	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	15778	46.91	ug/l	98

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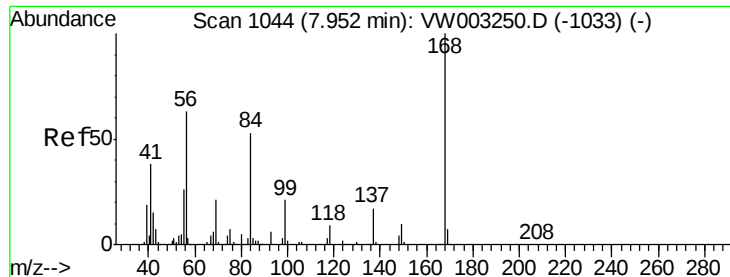
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	165511	47.62	ug/l	99
94) Hexachlorobutadiene	15.25	225	101839	48.71	ug/l	99
95) Naphthalene	15.38	128	277908	47.14	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	145542	47.58	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003603.D

Acq: 27 Jun 2018 10:24

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion:168 Resp: 223607

Ion Ratio Lower Upper

168 100

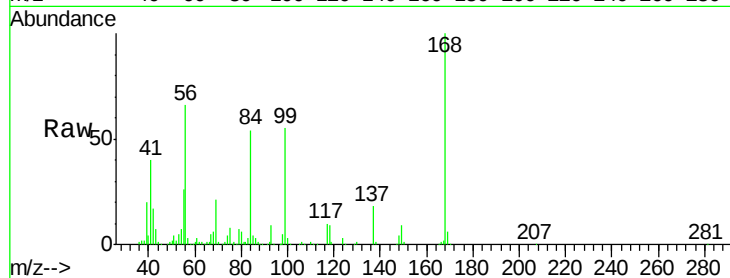
99 54.7 45.5 68.3

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

120000

100000

80000

60000

40000

20000

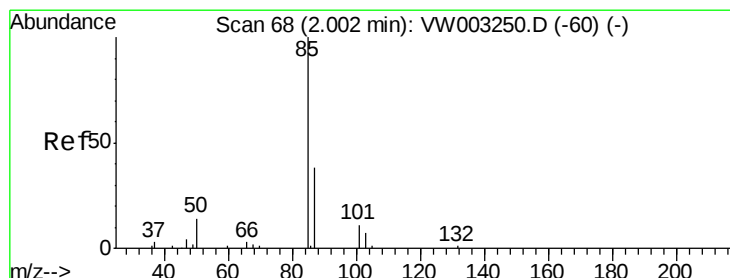
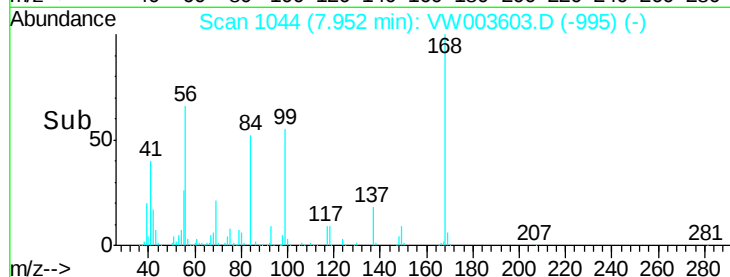
0

7.90

8.00

8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 71.81 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW003603.D

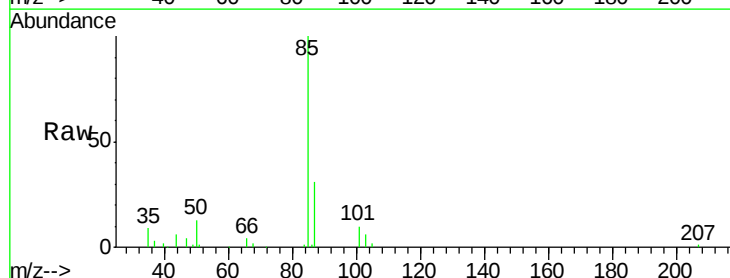
Acq: 27 Jun 2018 10:24

Tgt Ion: 85 Resp: 48546

Ion Ratio Lower Upper

85 100

87 30.7 18.9 56.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

20000

15000

10000

5000

0

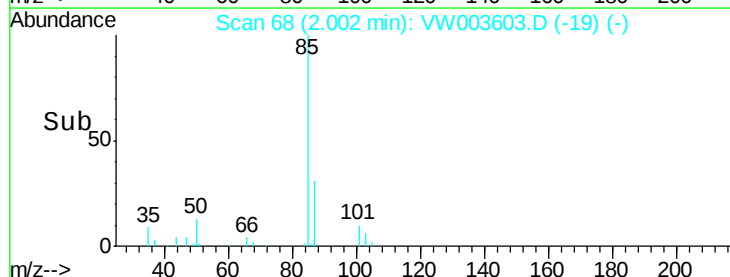
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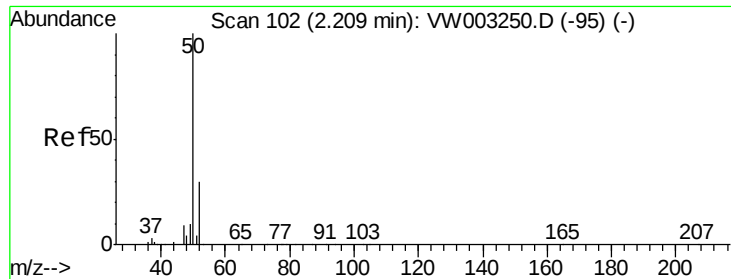
2.00

2.10

2.20

Time-->





#3

Chloromethane

Concen: 45.33 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003603.D

Acq: 27 Jun 2018 10:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 77417

Ion Ratio Lower Upper

50 100

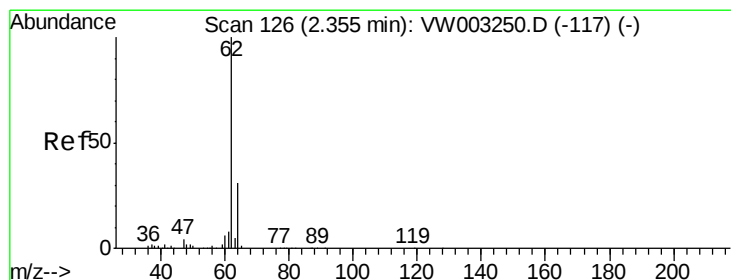
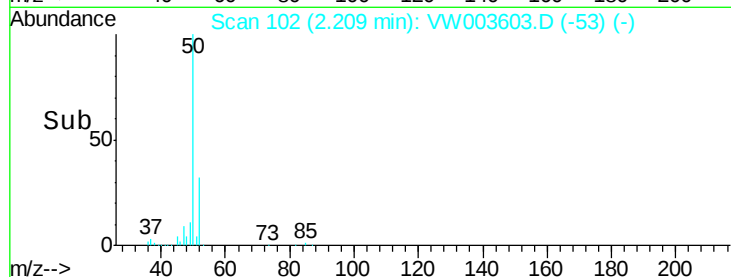
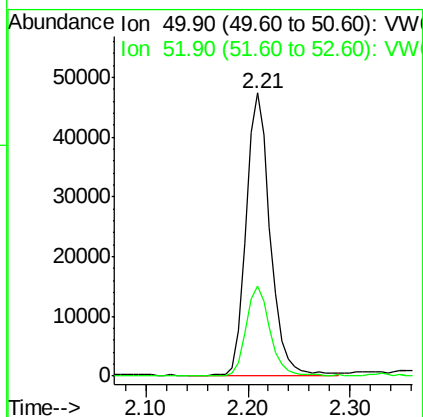
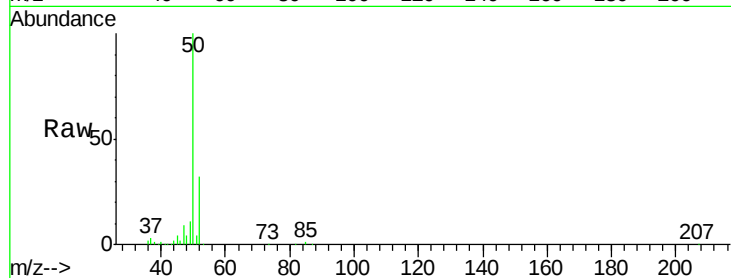
52 32.0 24.2 36.2

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#4

Vinyl Chloride

Concen: 43.08 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003603.D

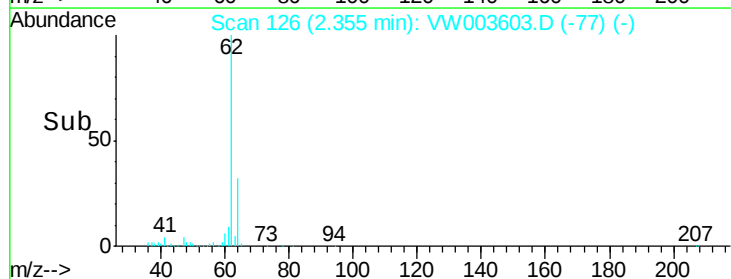
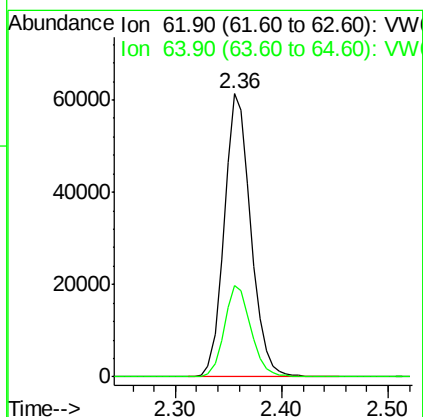
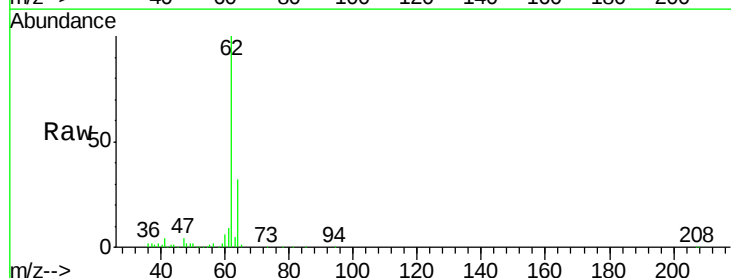
Acq: 27 Jun 2018 10:24

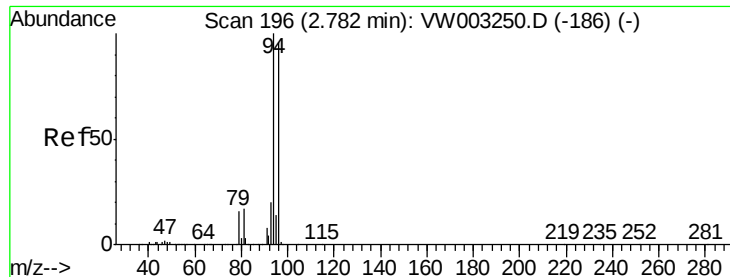
Tgt Ion: 62 Resp: 107271

Ion Ratio Lower Upper

62 100

64 32.3 24.9 37.3





#5

Bromomethane

Concen: 41.17 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VW003603.D

Acq: 27 Jun 2018 10:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 68141

Ion Ratio Lower Upper

94 100

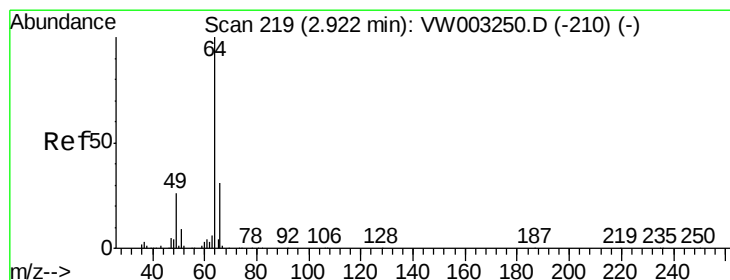
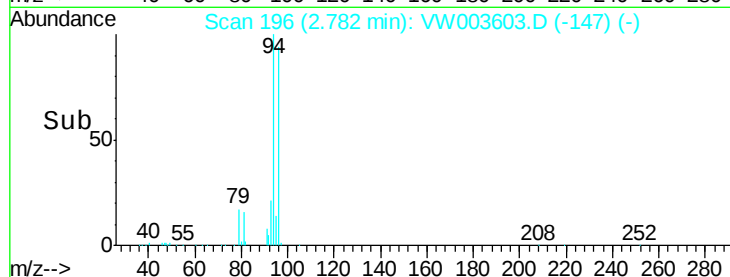
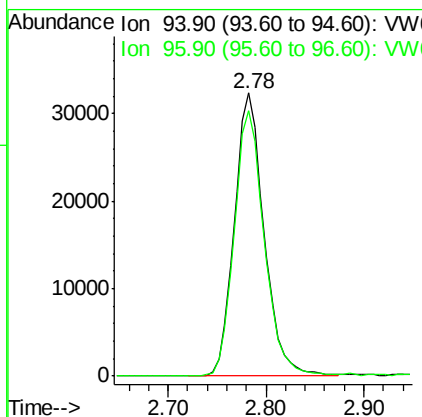
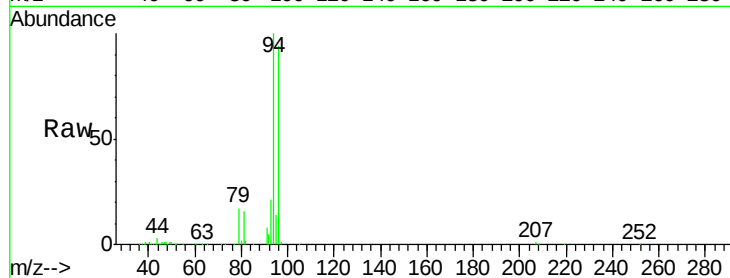
96 93.9 76.5 114.7

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#6

Chloroethane

Concen: 42.60 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW003603.D

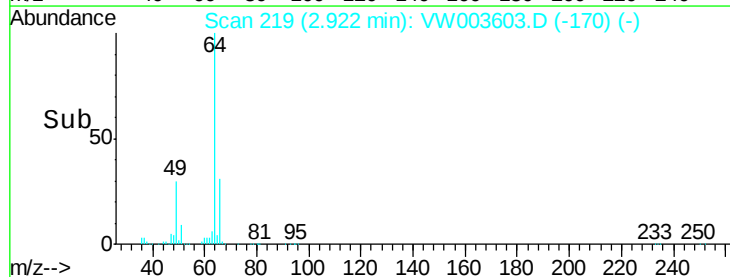
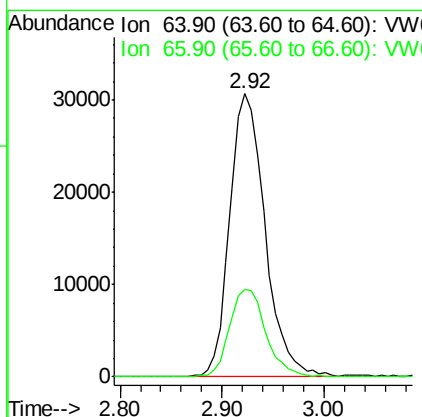
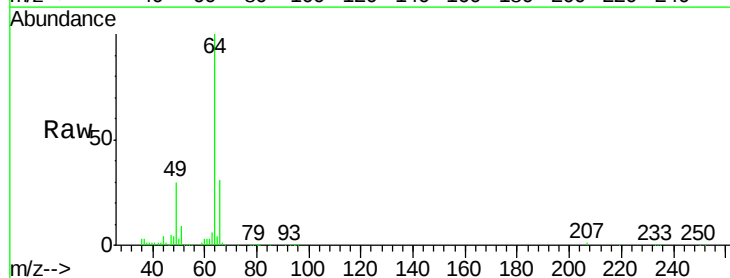
Acq: 27 Jun 2018 10:24

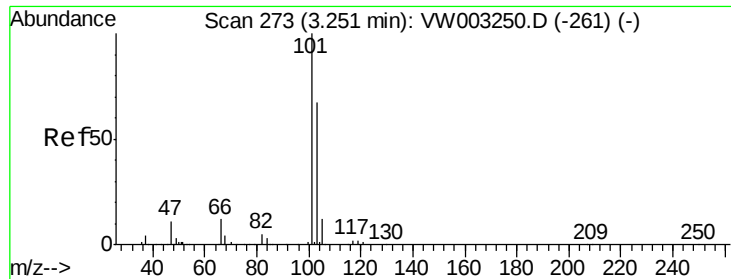
Tgt Ion: 64 Resp: 73829

Ion Ratio Lower Upper

64 100

66 30.8 24.4 36.6





#7

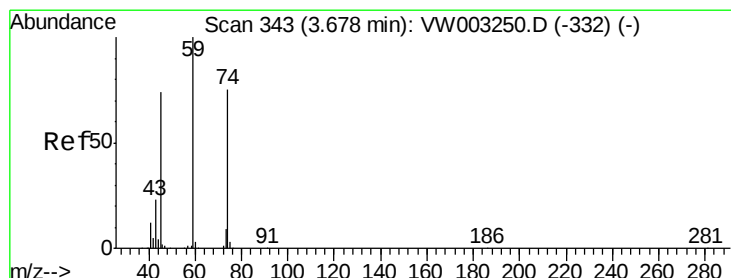
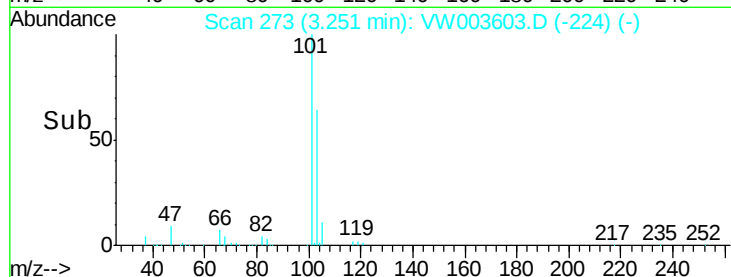
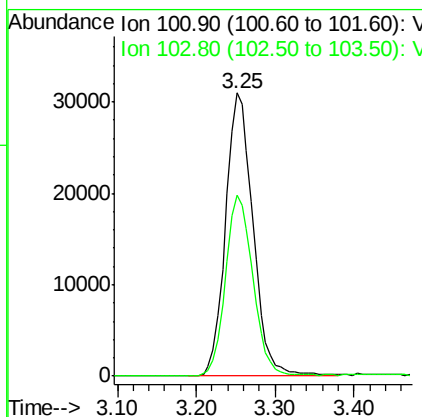
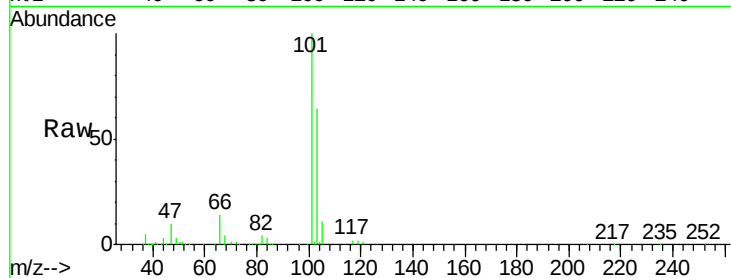
Trichlorofluoromethane
 Concen: 50.35 ug/l
 RT: 3.25 min Scan# 273
 Delta R.T. 0.00 min
 Lab File: VW003603.D
 Acq: 27 Jun 2018 10:24

Instrument :
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 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.0	53.4	80.0

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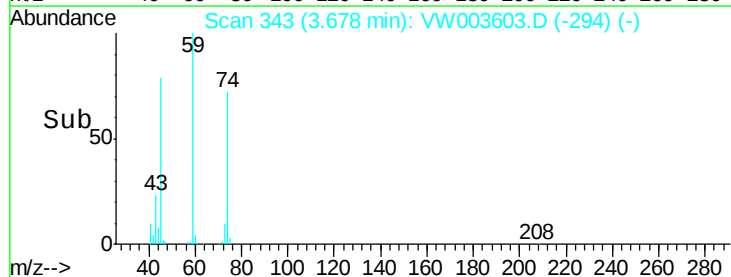
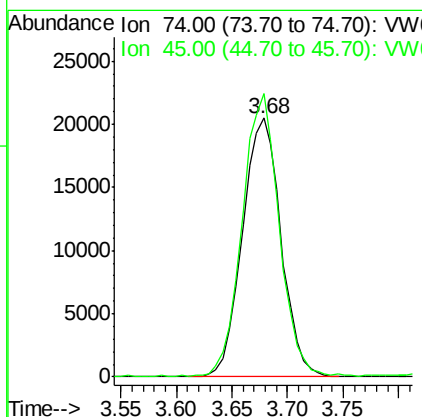
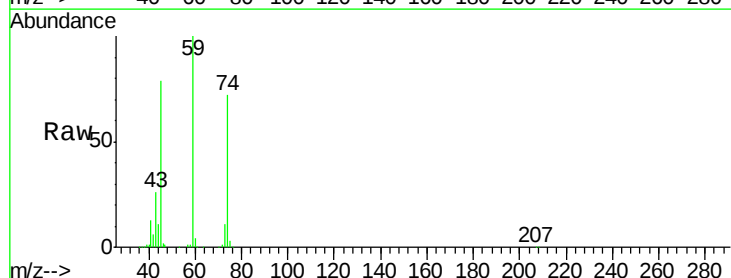
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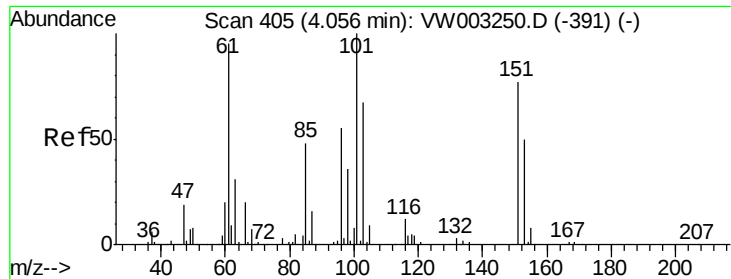


#8

Diethyl Ether
 Concen: 45.01 ug/l
 RT: 3.68 min Scan# 343
 Delta R.T. 0.00 min
 Lab File: VW003603.D
 Acq: 27 Jun 2018 10:24

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.5	51.4	154.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.77 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW003603.D

Acq: 27 Jun 2018 10:24

Instrument :

MSVOA_W

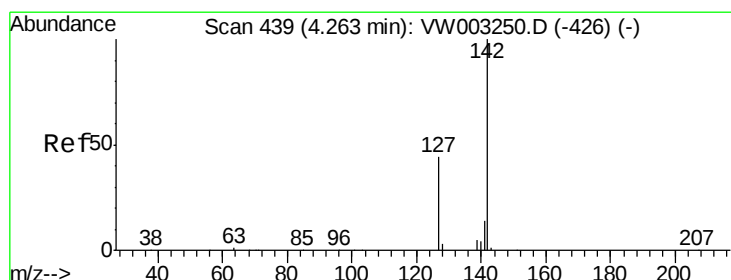
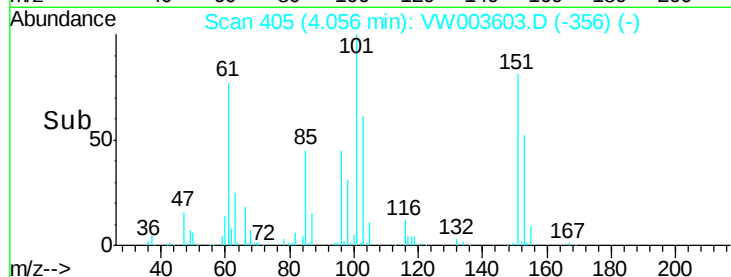
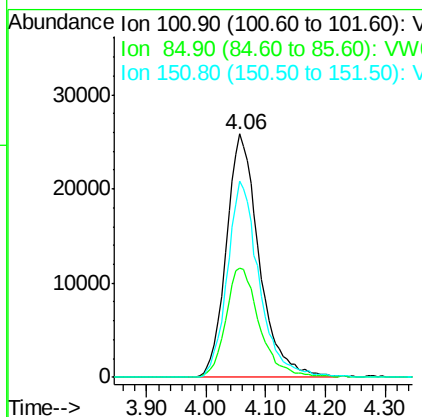
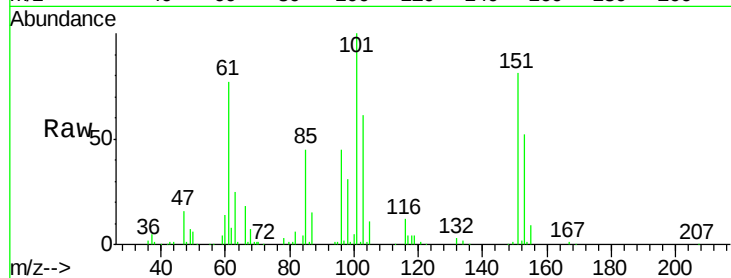
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	98941
Ion Ratio	Lower	Upper	
101	100		
85	46.0	37.0	55.6
151	78.4	63.3	94.9

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#10

Methyl Iodide

Concen: 46.17 ug/l

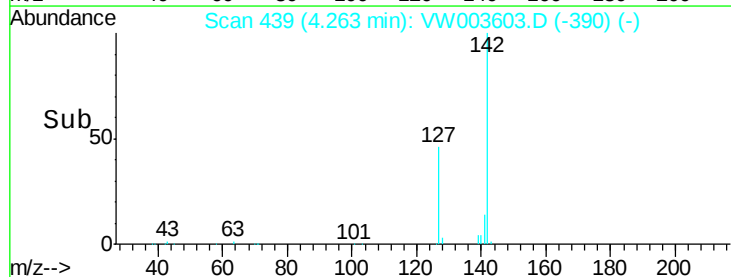
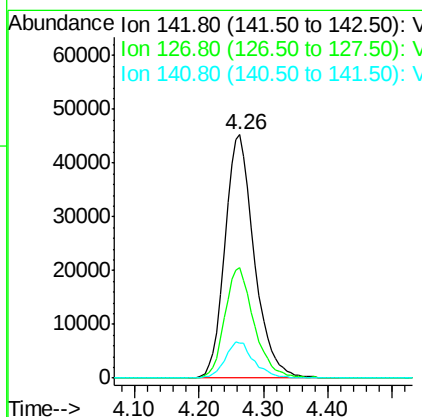
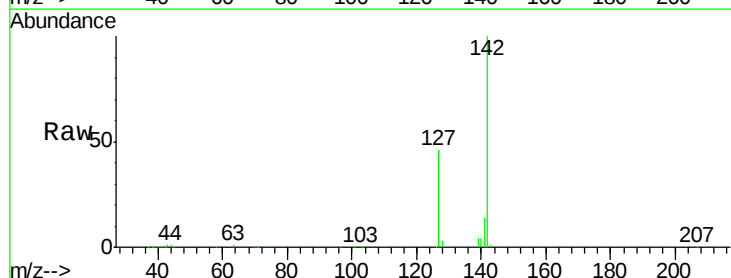
RT: 4.26 min Scan# 439

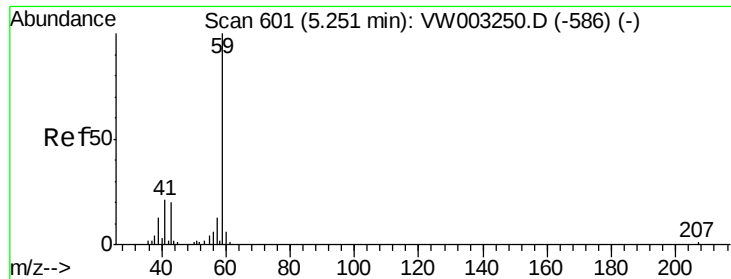
Delta R.T. 0.00 min

Lab File: VW003603.D

Acq: 27 Jun 2018 10:24

Tgt Ion:	142	Resp:	144631
Ion Ratio	Lower	Upper	
142	100		
127	45.5	36.5	54.7
141	14.6	12.1	18.1





#11

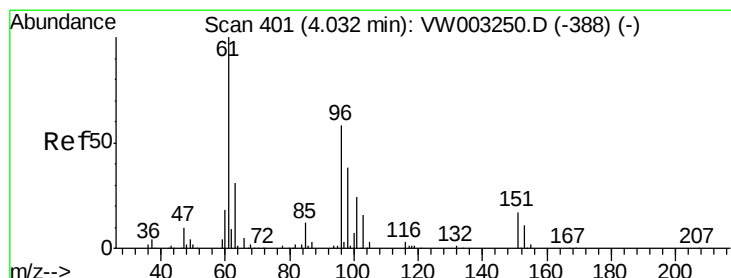
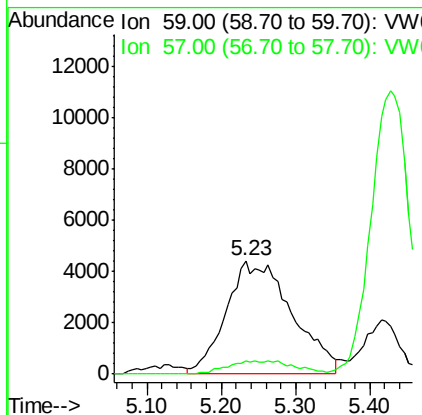
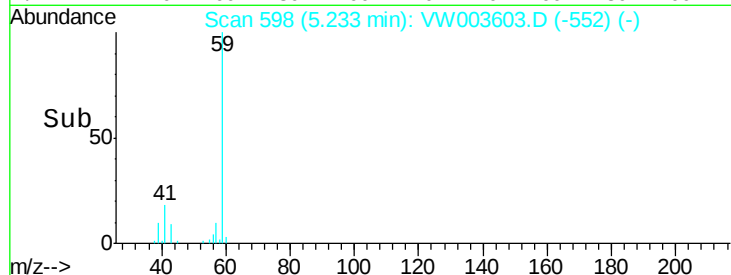
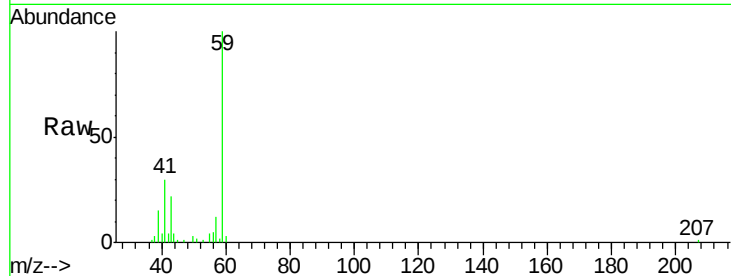
Tert butyl alcohol
Concen: 209.45 ug/l m
RT: 5.23 min Scan# 598
Delta R.T. -0.02 min
Lab File: VW003603.D
Acq: 27 Jun 2018 10:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 59 Resp: 27207
Ion Ratio Lower Upper
59 100
57 6.5 4.2 6.2#

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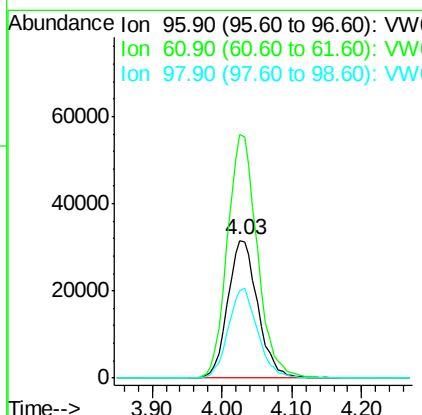
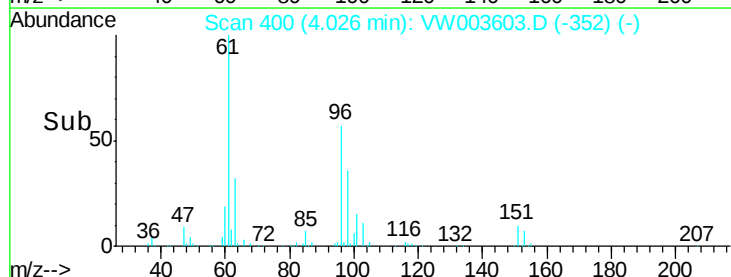
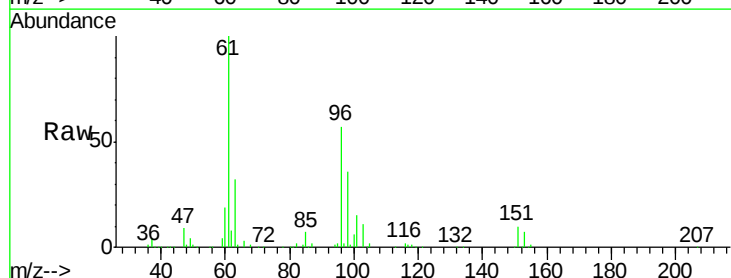
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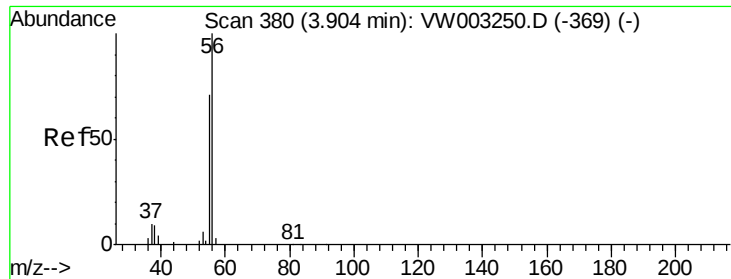


#12

1,1-Dichloroethene
Concen: 46.47 ug/l
RT: 4.03 min Scan# 400
Delta R.T. -0.01 min
Lab File: VW003603.D
Acq: 27 Jun 2018 10:24

Tgt Ion: 96 Resp: 94071
Ion Ratio Lower Upper
96 100
61 176.6 139.0 208.4
98 63.1 53.3 79.9





#13

Acrolein

Concen: 215.29 ug/l

RT: 3.90 min Scan# 379

Delta R.T. -0.01 min

Lab File: VW003603.D

Acq: 27 Jun 2018 10:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 39983

Ion Ratio Lower Upper

56 100

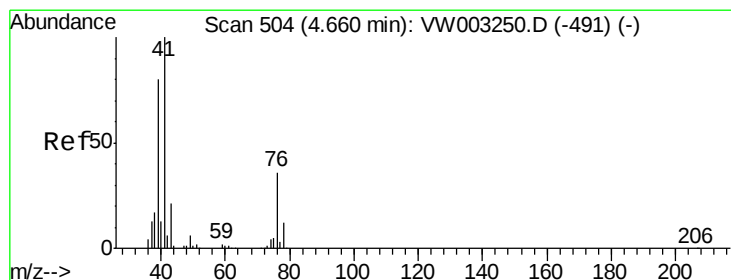
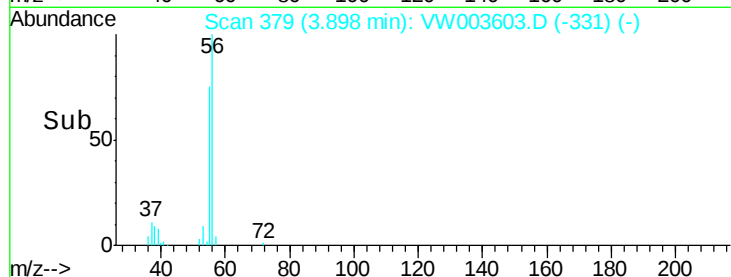
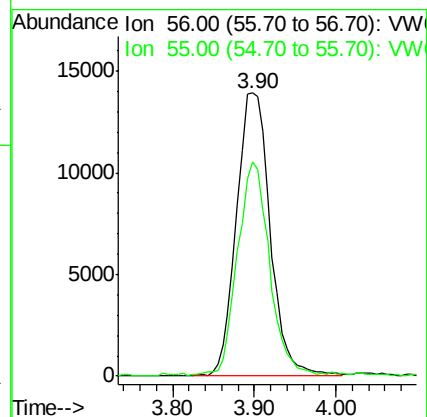
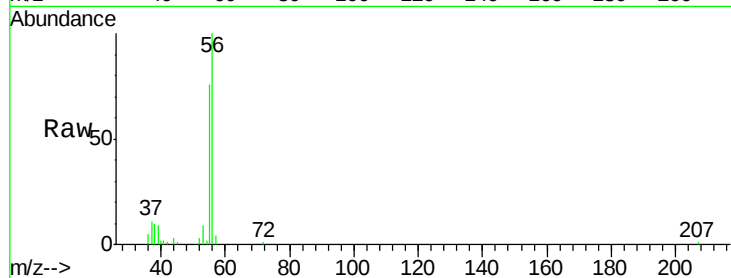
55 70.8 55.4 83.2

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#14

Allyl chloride

Concen: 46.43 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.00 min

Lab File: VW003603.D

Acq: 27 Jun 2018 10:24

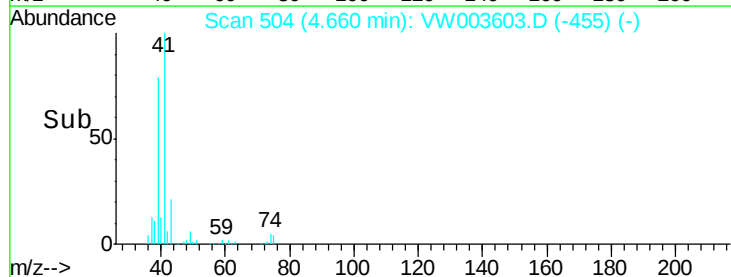
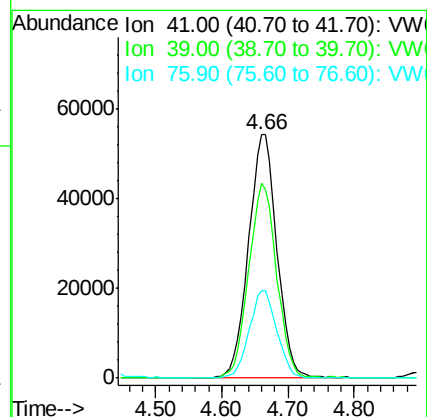
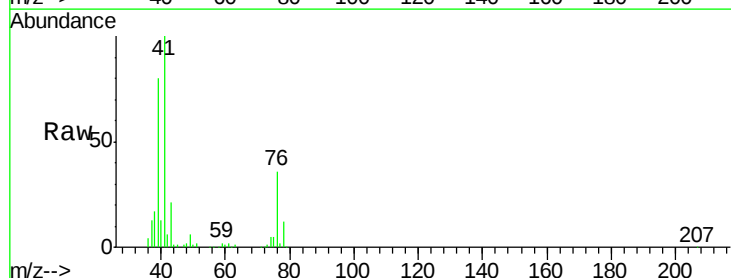
Tgt Ion: 41 Resp: 162802

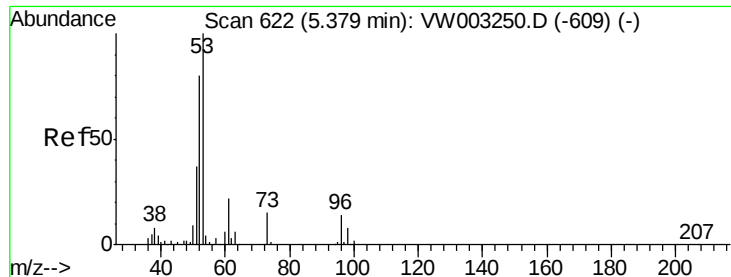
Ion Ratio Lower Upper

41 100

39 78.6 63.2 94.8

76 34.8 28.0 42.0





#15

Acrylonitrile

Concen: 232.80 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.00 min

Lab File: VW003603.D

Acq: 27 Jun 2018 10:24

Instrument :

MSVOA_W

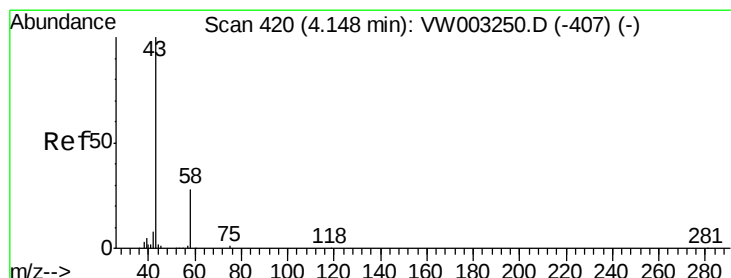
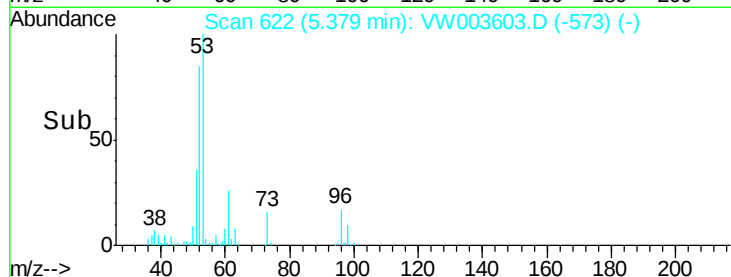
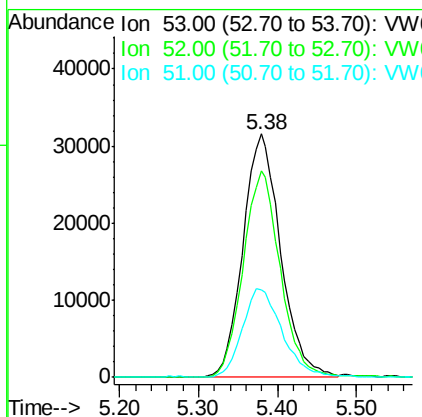
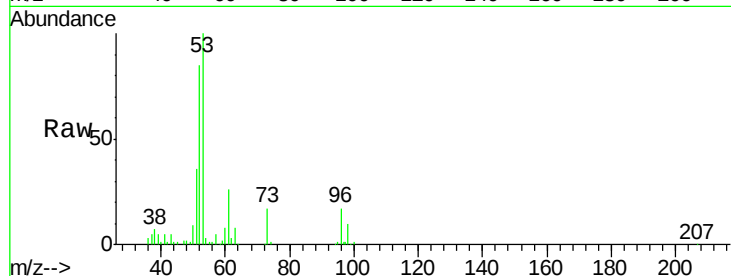
ClientSampleId :

VSTDCCC050

Tot Ion	53	Resp	104956
Ion	Ratio	Lower	Upper
53	100		
52	83.4	66.6	100.0
51	38.7	30.6	46.0

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#16

Acetone

Concen: 270.27 ug/l

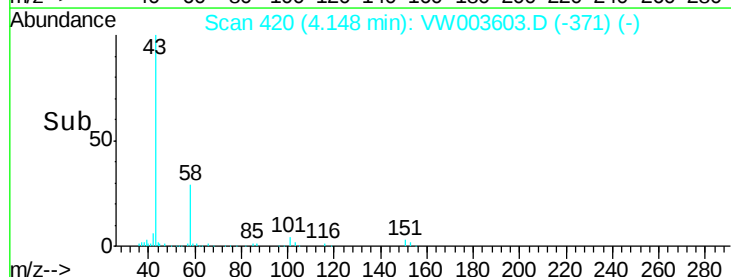
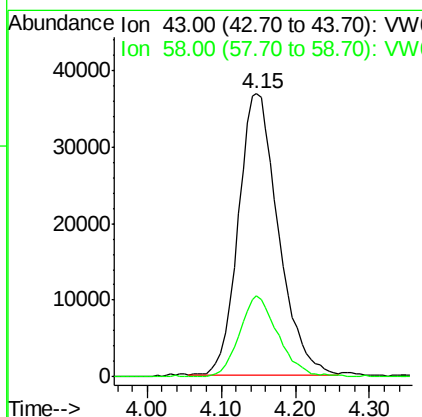
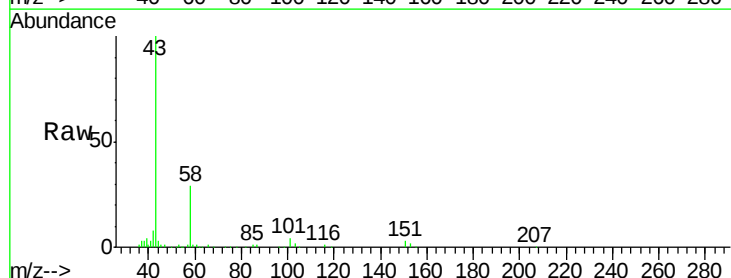
RT: 4.15 min Scan# 420

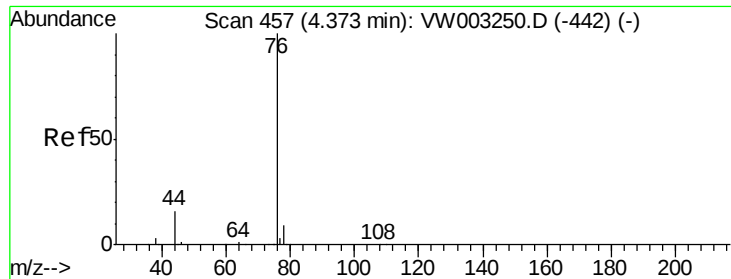
Delta R.T. 0.00 min

Lab File: VW003603.D

Acq: 27 Jun 2018 10:24

Tgt Ion	43	Resp	137286
Ion	Ratio	Lower	Upper
43	100		
58	28.9	22.6	34.0





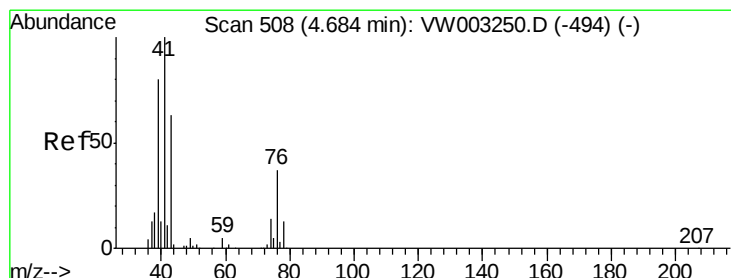
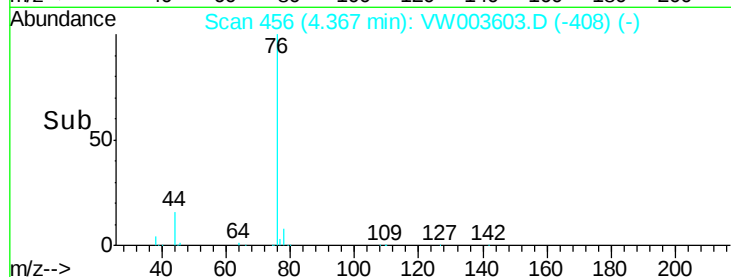
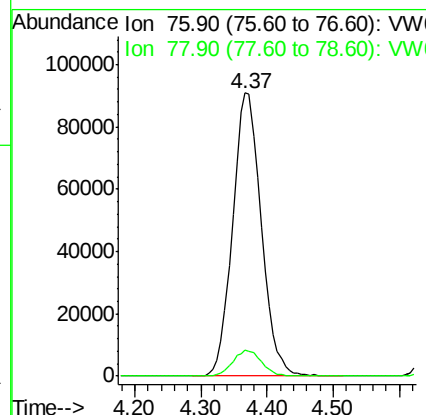
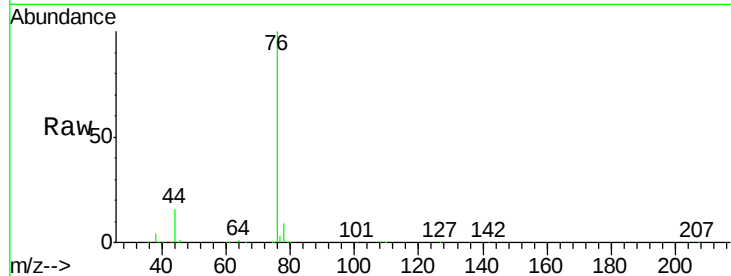
#17
Carbon Disulfide
Concen: 45.47 ug/l
RT: 4.37 min Scan# 456
Delta R.T. -0.01 min
Lab File: VW003603.D
Acq: 27 Jun 2018 10:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.1	10.7

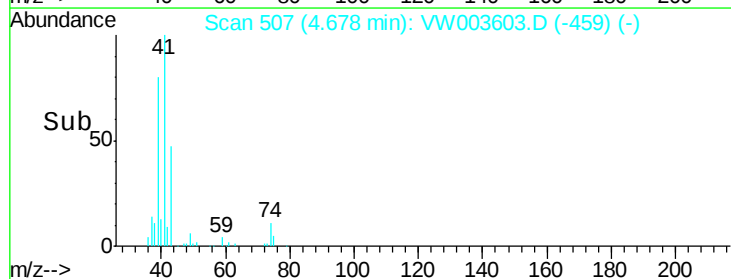
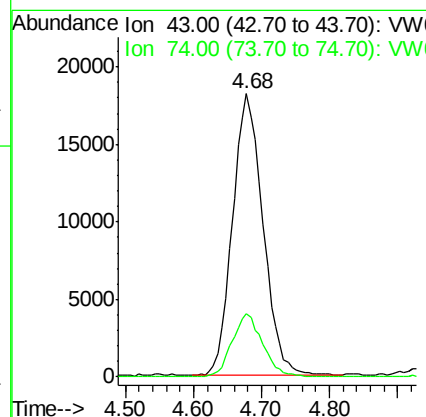
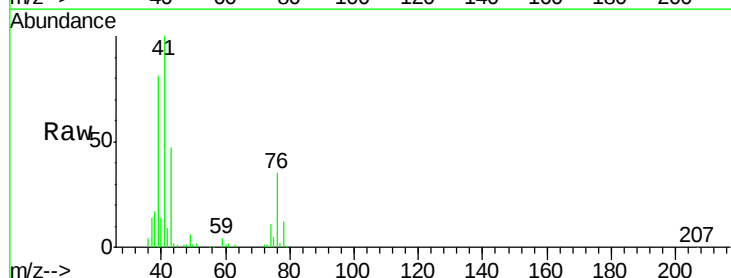
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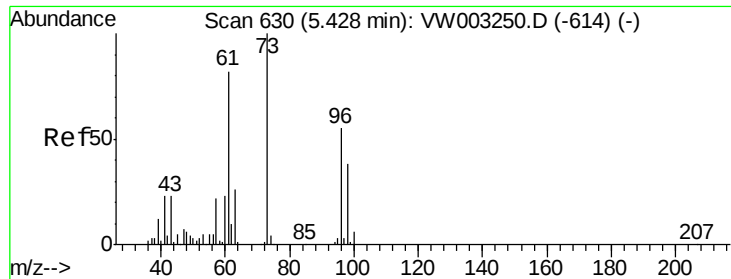
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#18
Methyl Acetate
Concen: 47.08 ug/l
RT: 4.68 min Scan# 507
Delta R.T. -0.01 min
Lab File: VW003603.D
Acq: 27 Jun 2018 10:24

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.4	18.7	28.1





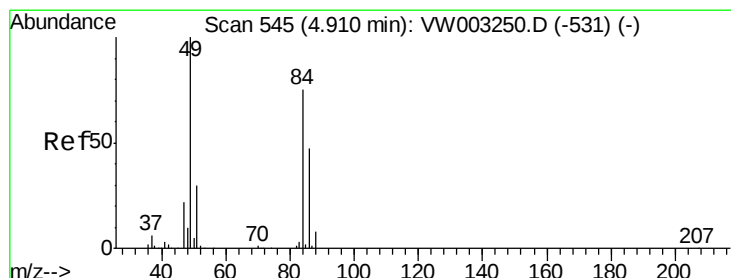
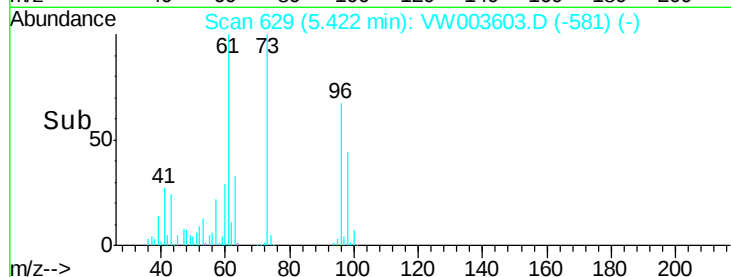
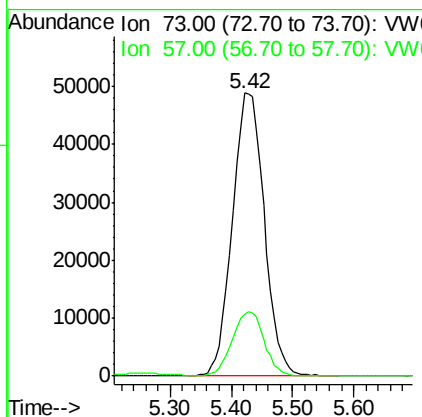
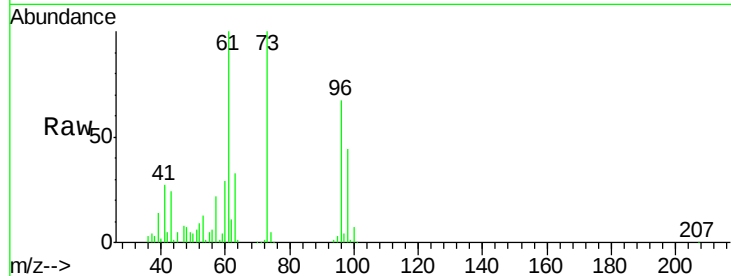
#19
Methvl tert-butvl Ether
Concen: 46.49 ug/l
RT: 5.42 min Scan# 629
Delta R.T. -0.01 min
Lab File: VW003603.D
Acq: 27 Jun 2018 10:24

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion: 73 Resp: 176238
Ion Ratio Lower Upper
73 100
57 22.0 18.0 27.0

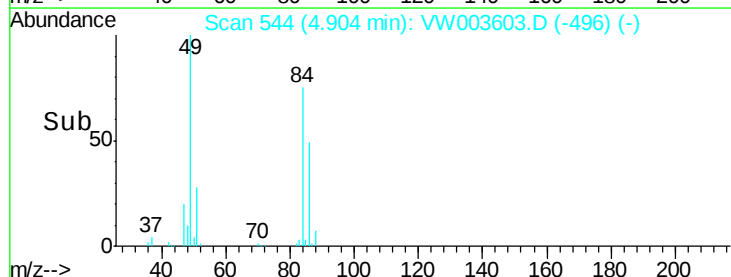
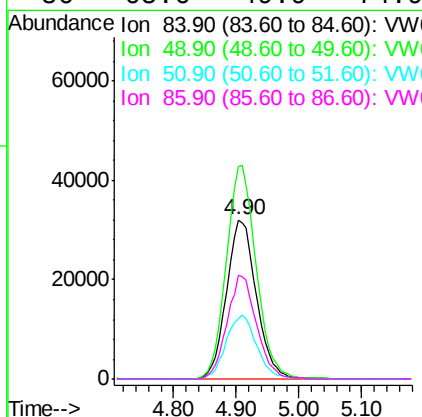
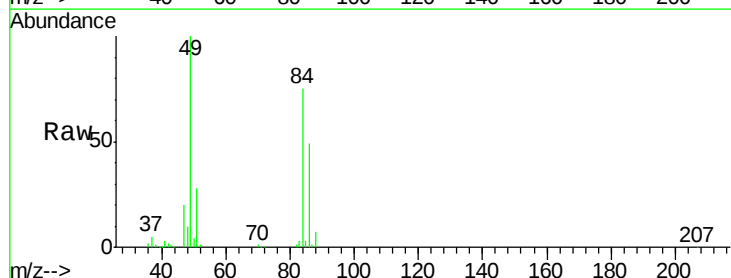
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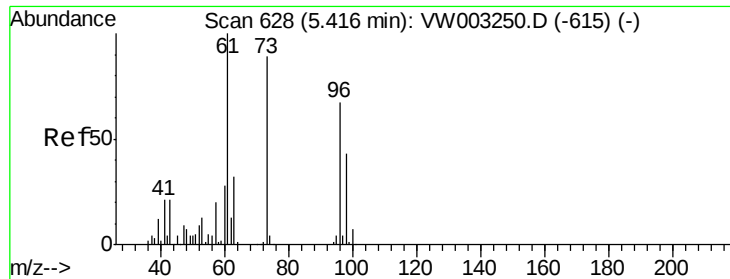
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#20
Methylene Chloride
Concen: 48.99 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW003603.D
Acq: 27 Jun 2018 10:24

Tgt Ion: 84 Resp: 105874
Ion Ratio Lower Upper
84 100
49 133.9 106.3 159.5
51 37.7 32.0 48.0
86 65.6 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 46.65 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW003603.D

Acq: 27 Jun 2018 10:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 102762

Ion Ratio Lower Upper

96 100

61 144.7 118.7 178.1

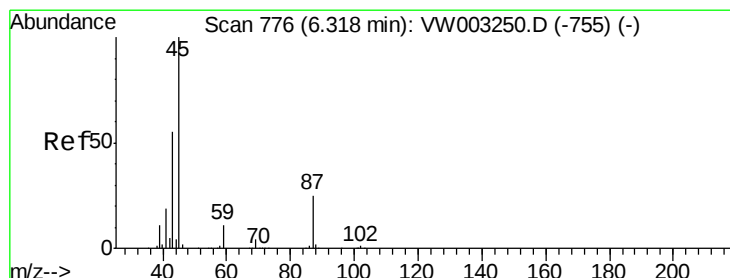
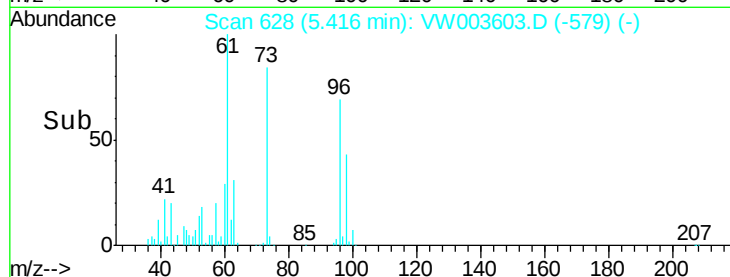
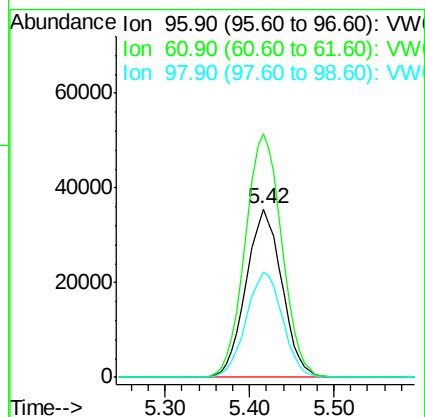
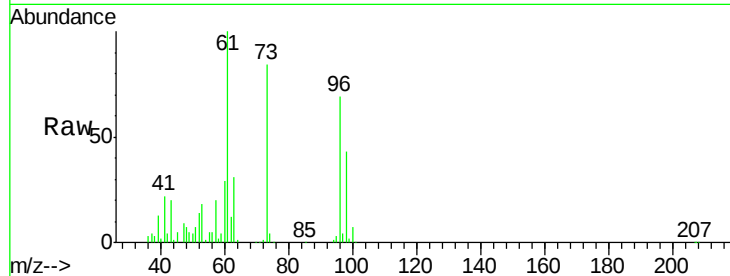
98 62.8 51.0 76.6

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#22

Diisopropyl ether

Concen: 48.51 ug/l

RT: 6.31 min Scan# 775

Delta R.T. -0.01 min

Lab File: VW003603.D

Acq: 27 Jun 2018 10:24

Tgt Ion: 45 Resp: 342332

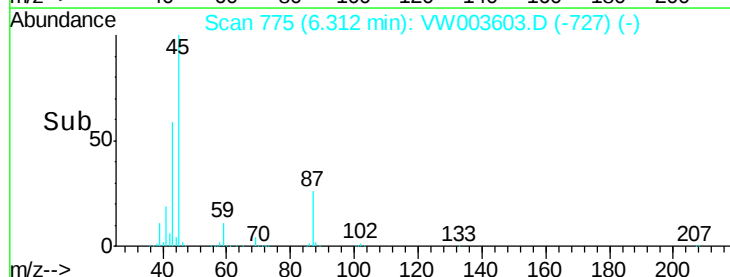
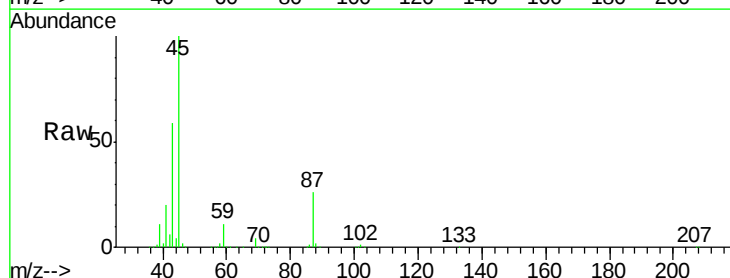
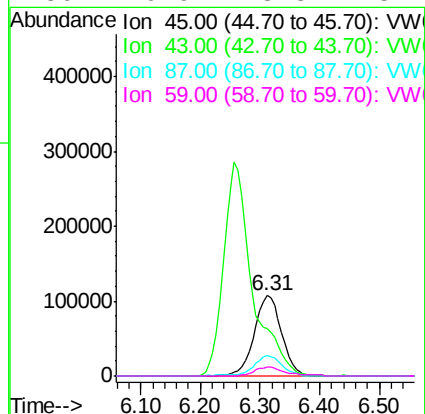
Ion Ratio Lower Upper

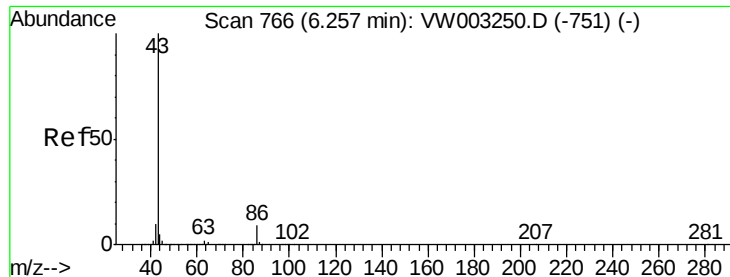
45 100

43 58.9 44.0 66.0

87 25.7 20.6 31.0

59 10.9 8.8 13.2





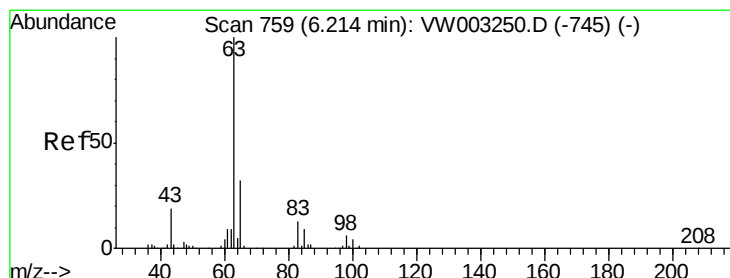
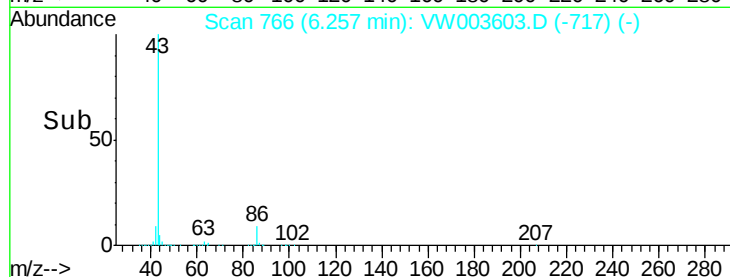
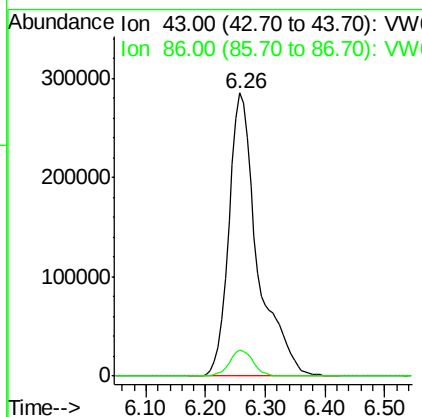
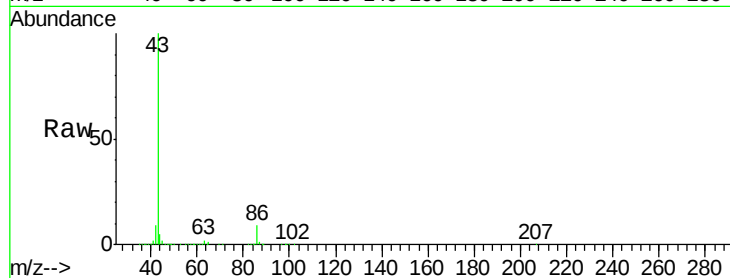
#23
 Vinyl Acetate
 Concen: 234.69 ug/l
 RT: 6.26 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: VW003603.D
 Acq: 27 Jun 2018 10:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
86	9.1	7.5	11.3

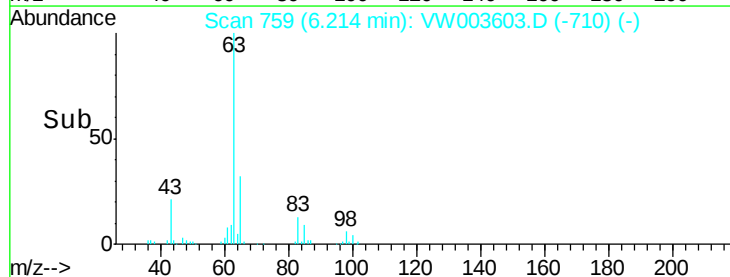
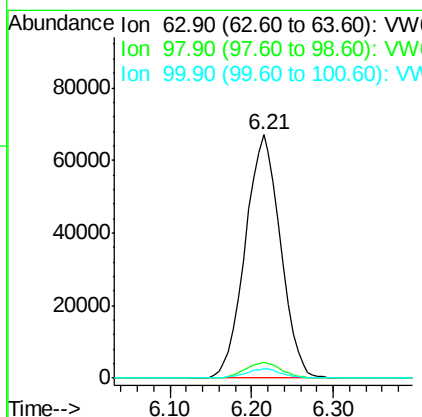
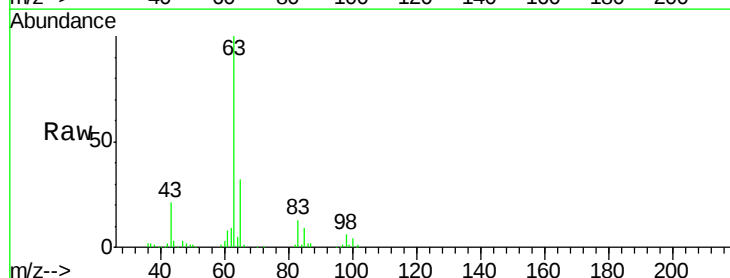
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#24
 1,1-Dichloroethane
 Concen: 48.11 ug/l
 RT: 6.21 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: VW003603.D
 Acq: 27 Jun 2018 10:24

Tgt Ion	Ratio	Lower	Upper
63	100		
98	6.4	2.8	8.3
100	4.0	2.1	6.5





#25

2-Butanone

Concen: 246.84 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.00 min

Lab File: VW003603.D

Acq: 27 Jun 2018 10:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 155917

Ion Ratio Lower Upper

43 100

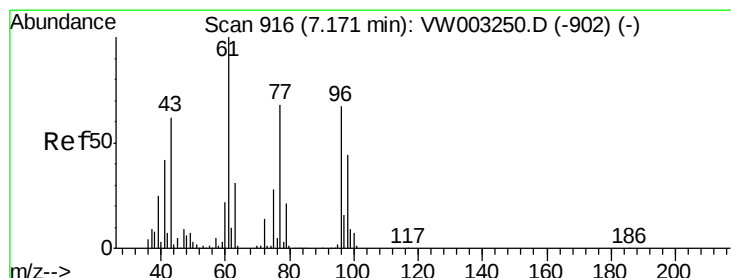
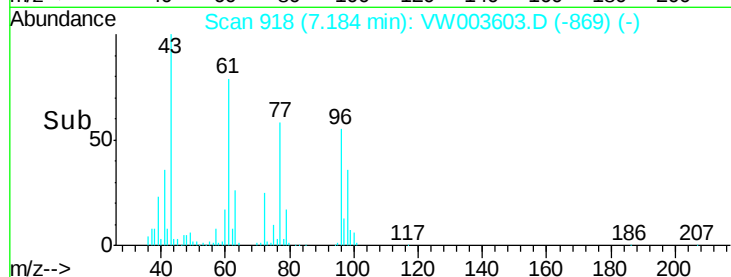
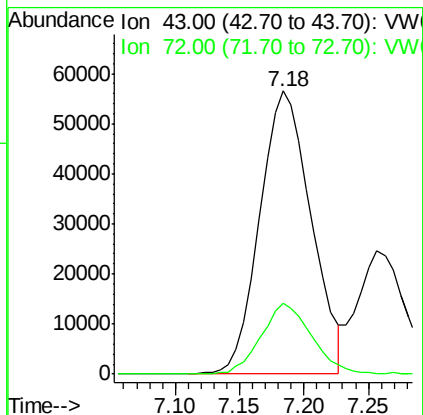
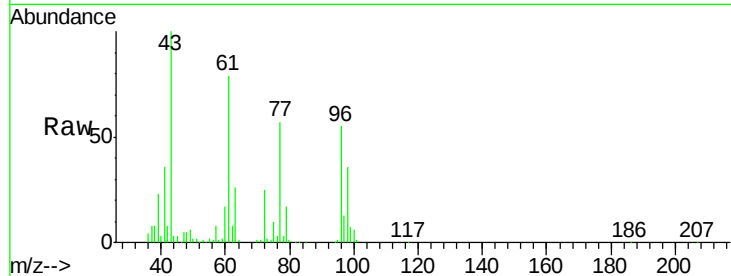
72 24.9 20.3 30.5

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#26

2,2-Dichloropropane

Concen: 46.75 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.01 min

Lab File: VW003603.D

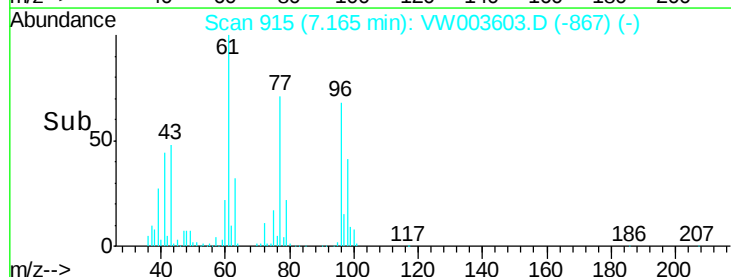
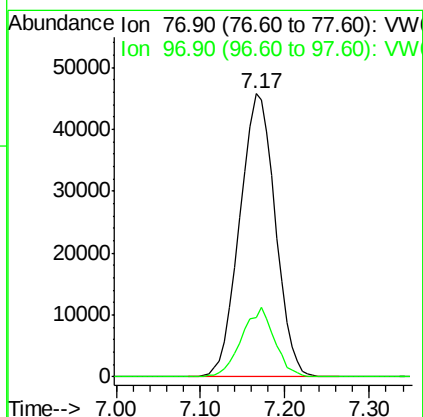
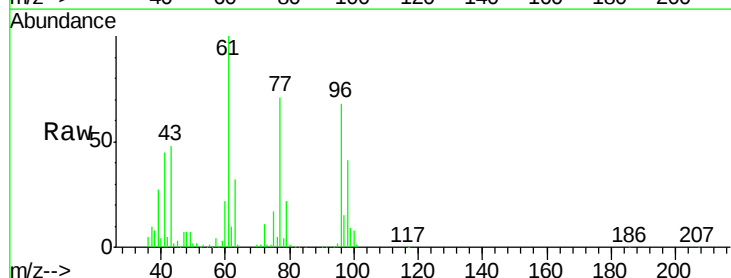
Acq: 27 Jun 2018 10:24

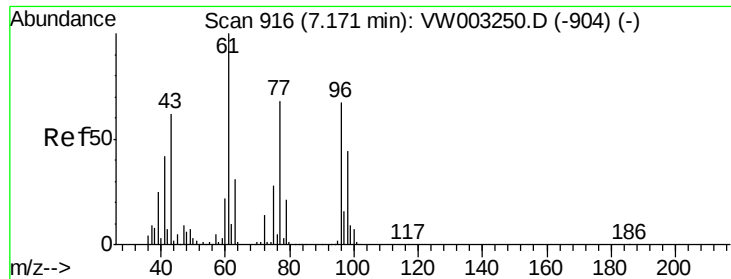
Tgt Ion: 77 Resp: 130715

Ion Ratio Lower Upper

77 100

97 22.6 11.3 33.9





#27

cis-1,2-Dichloroethene

Concen: 47.38 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.01 min

Lab File: VW003603.D

Acq: 27 Jun 2018 10:24

Instrument :

MSVOA_W

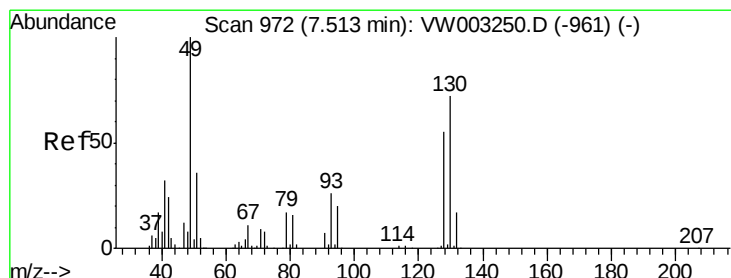
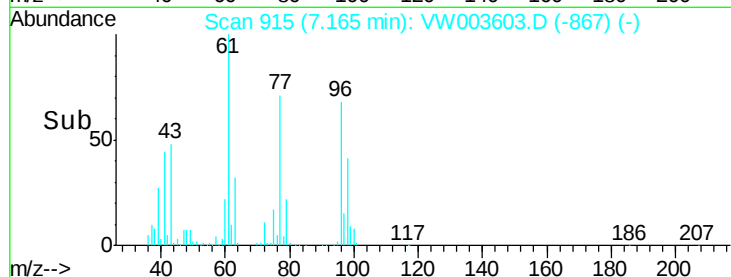
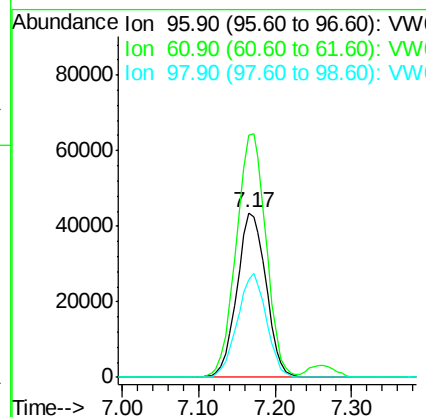
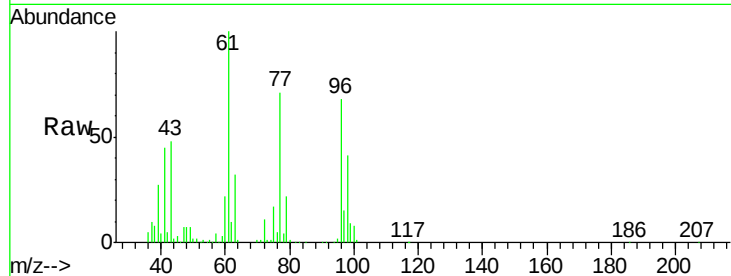
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	114654
Ion Ratio	Lower	Upper	
96	100		
61	151.3	0.0	298.8
98	62.8	0.0	130.4

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#28

Bromochloromethane

Concen: 53.97 ug/l

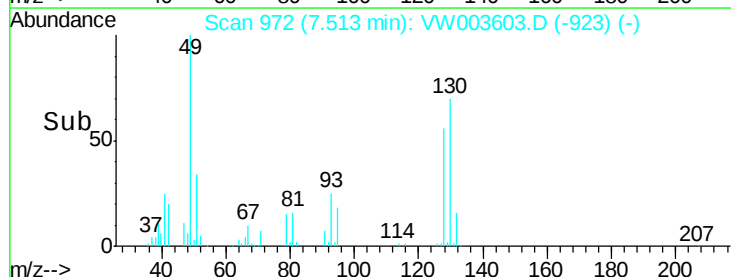
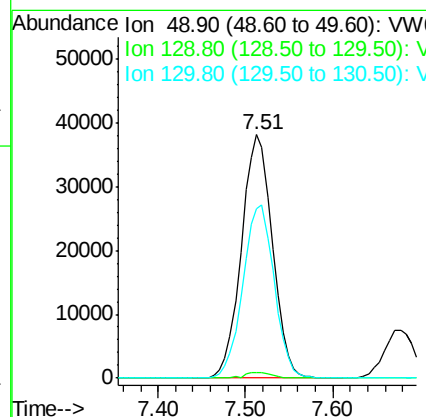
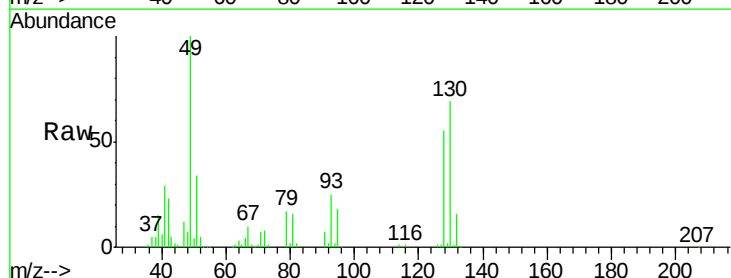
RT: 7.51 min Scan# 972

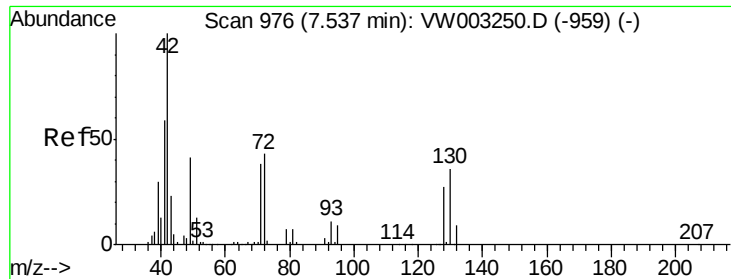
Delta R.T. 0.00 min

Lab File: VW003603.D

Acq: 27 Jun 2018 10:24

Tgt Ion:	49	Resp:	94080
Ion Ratio	Lower	Upper	
49	100		
129	1.9	0.0	4.6
130	71.7	59.4	89.2





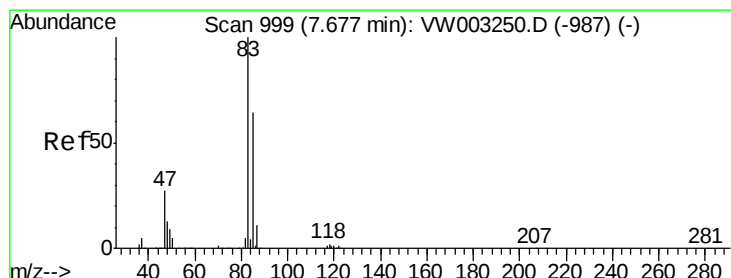
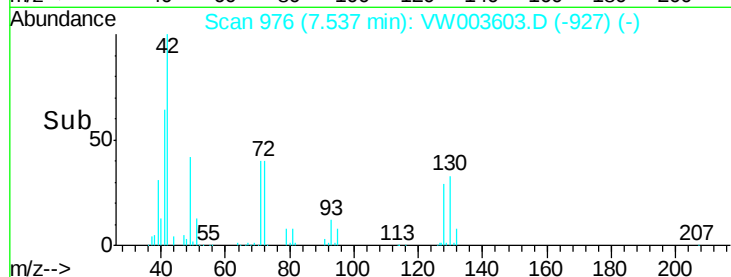
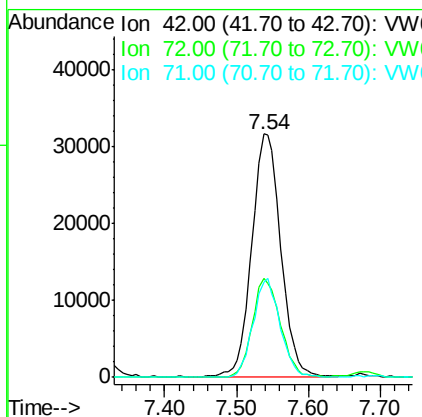
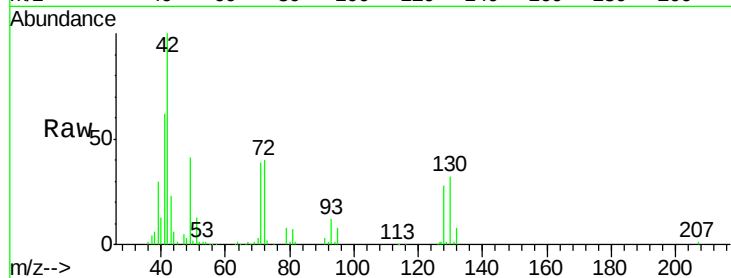
#29
Tetrahydrofuran
Concen: 230.37 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.00 min
Lab File: VW003603.D
Acq: 27 Jun 2018 10:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:	42	Resp:	88930
Ion	Ratio	Lower	Upper
42	100		
72	39.3	32.4	48.6
71	37.7	31.2	46.8

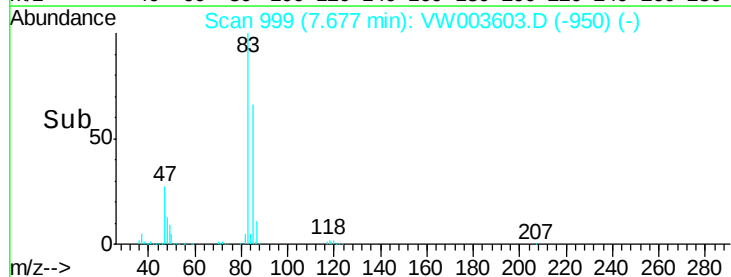
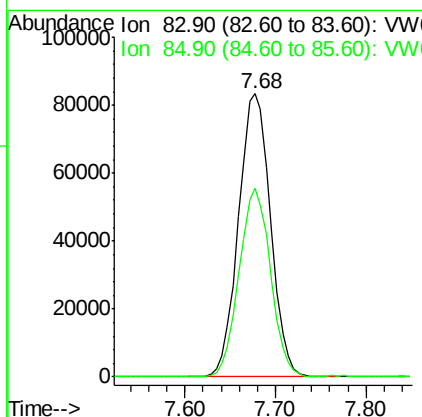
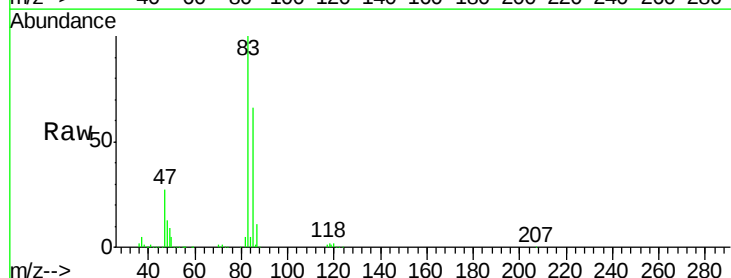
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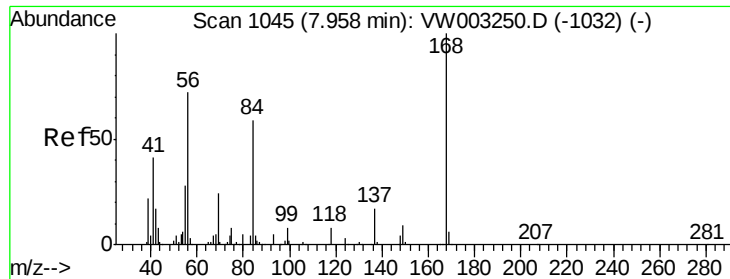
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#30
Chloroform
Concen: 47.79 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003603.D
Acq: 27 Jun 2018 10:24

Tgt Ion:	83	Resp:	203972
Ion	Ratio	Lower	Upper
83	100		
85	66.5	51.3	76.9





#31

Cyclohexane

Concen: 45.39 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. 0.00 min

Lab File: VW003603.D

Acq: 27 Jun 2018 10:24

Instrument :

MSVOA_W

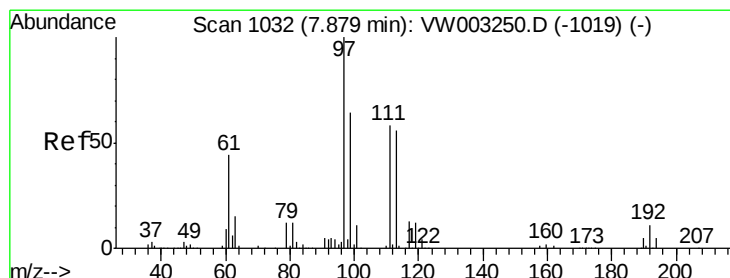
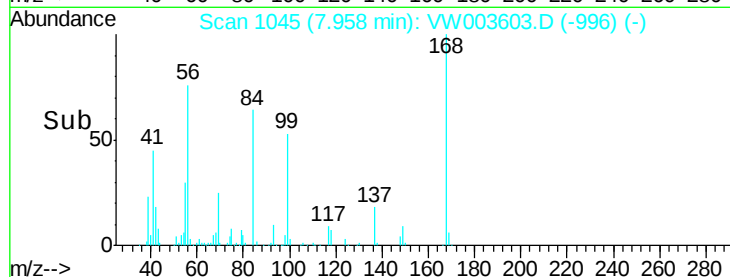
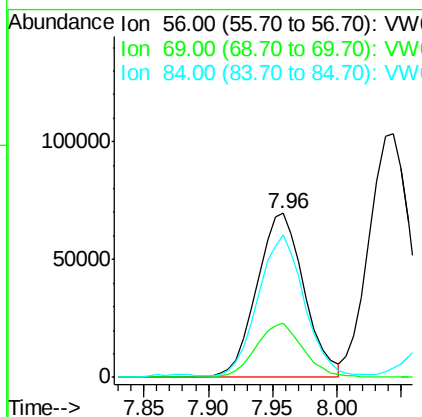
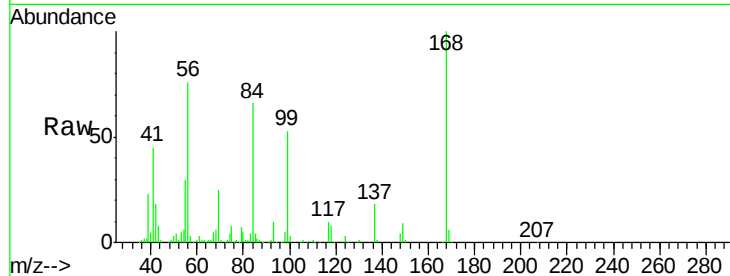
ClientSampled :

VSTDCCC050

Tot Ion:	56	Resp:	177656
Ion Ratio	Lower	Upper	
56	100		
69	33.1	26.3	39.5
84	85.4	65.7	98.5

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#32

1,1,1-Trichloroethane

Concen: 48.17 ug/l

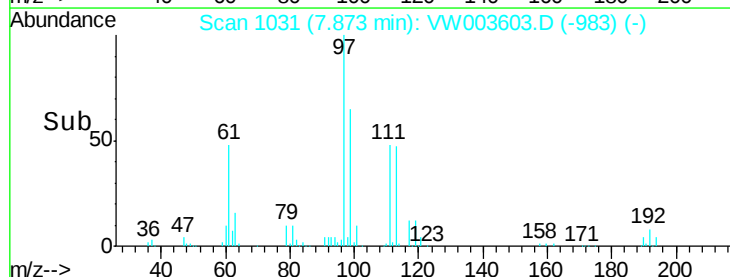
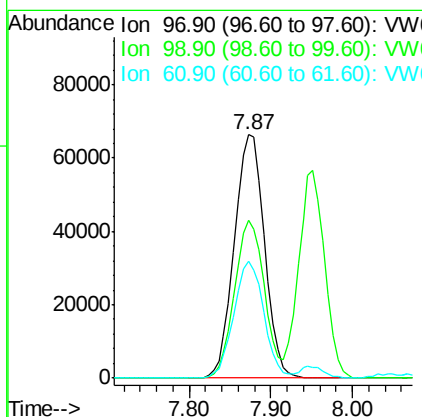
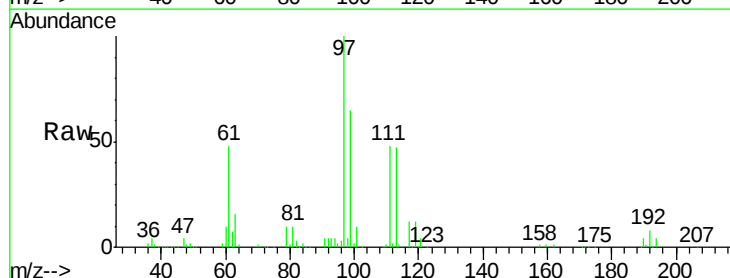
RT: 7.87 min Scan# 1031

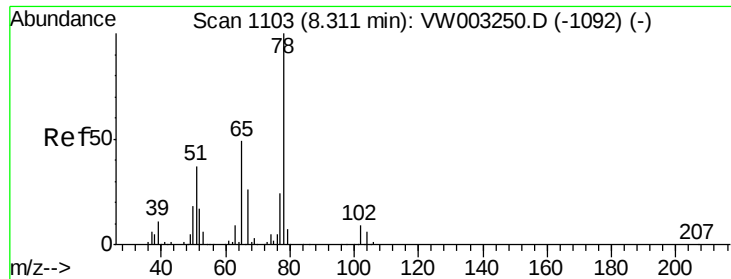
Delta R.T. -0.01 min

Lab File: VW003603.D

Acq: 27 Jun 2018 10:24

Tgt Ion:	97	Resp:	169695
Ion Ratio	Lower	Upper	
97	100		
99	64.7	51.7	77.5
61	47.6	37.6	56.4





#33

1,2-Dichloroethane-d4

Concen: 50.98 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW003603.D

Acq: 27 Jun 2018 10:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 123465

Ion Ratio Lower Upper

65 100

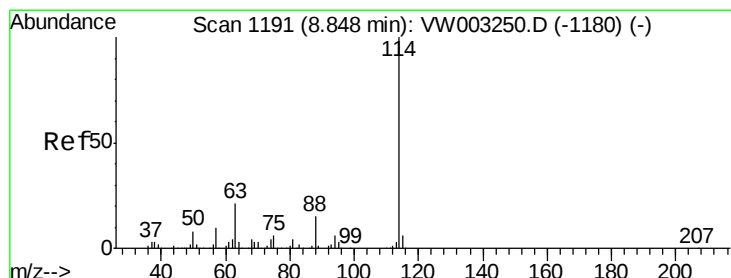
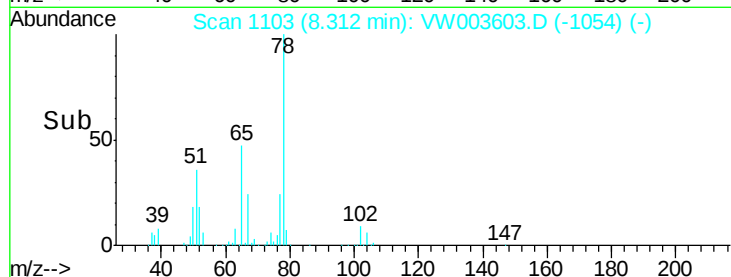
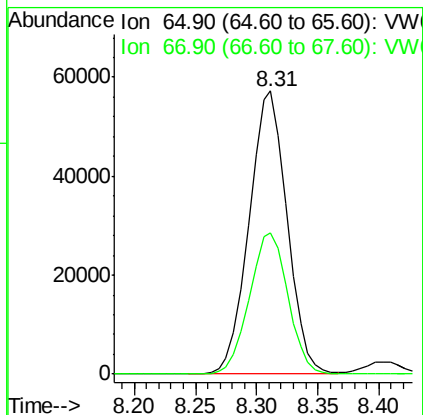
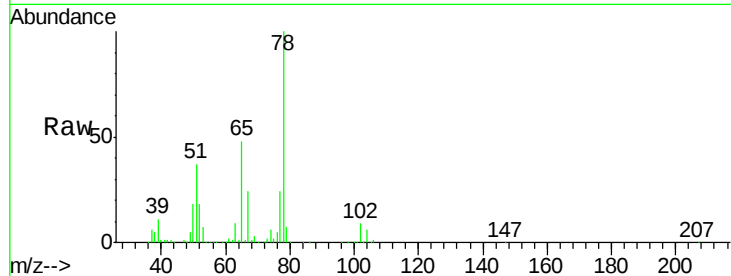
67 50.7 0.0 104.2

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW003603.D

Acq: 27 Jun 2018 10:24

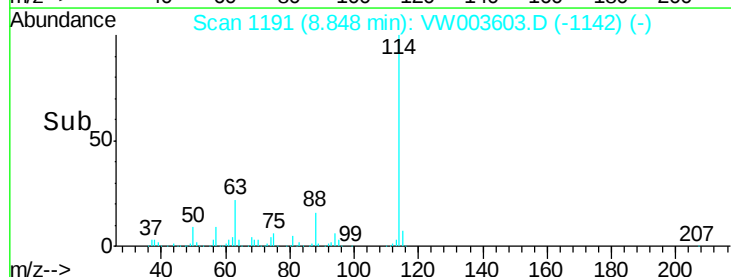
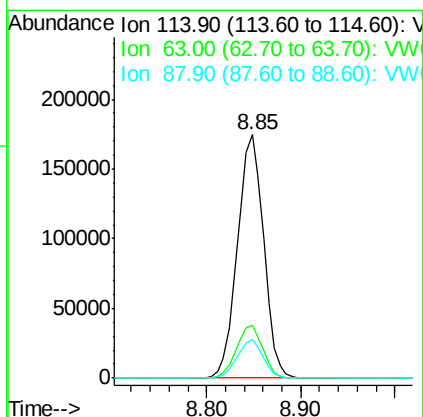
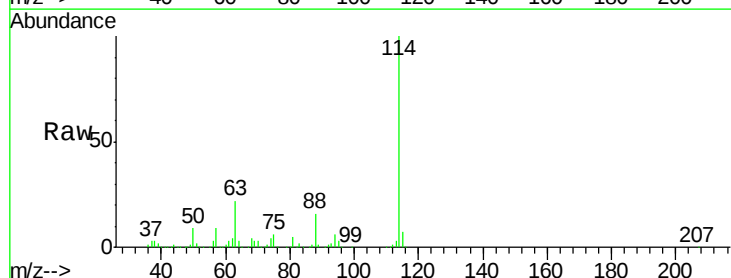
Tgt Ion: 114 Resp: 338139

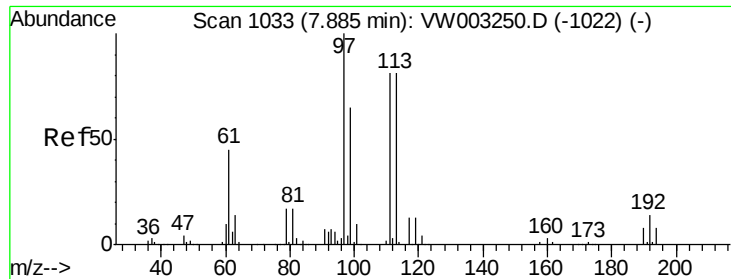
Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.0

88 15.9 0.0 29.6





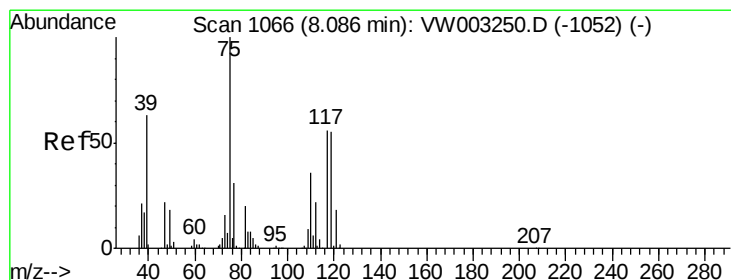
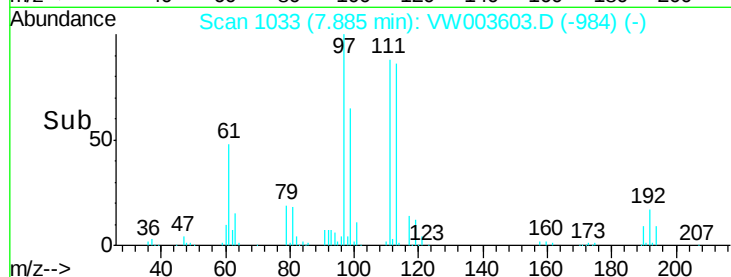
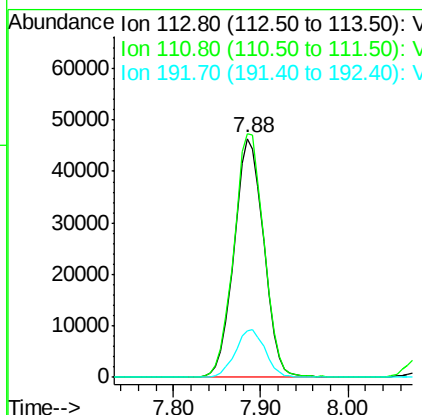
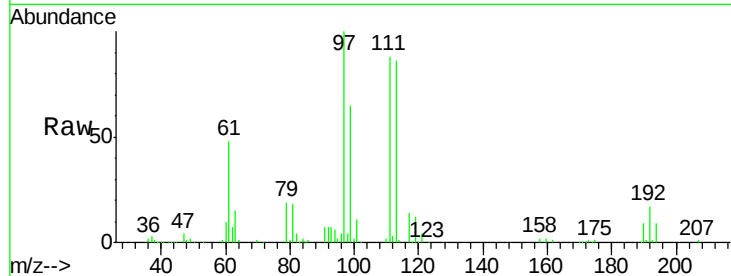
#35
 Dibromofluoromethane
 Concen: 52.07 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003603.D
 Acq: 27 Jun 2018 10:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	109403		
111	103.7	82.2	123.2	
192	19.9	16.2	24.2	

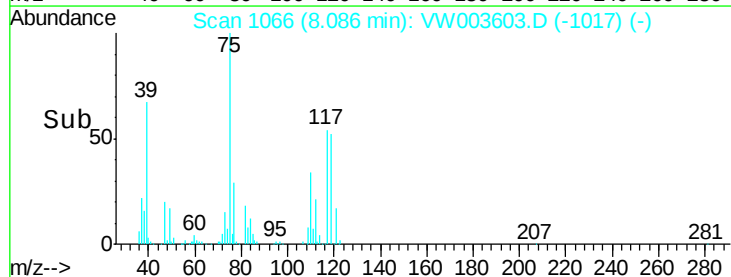
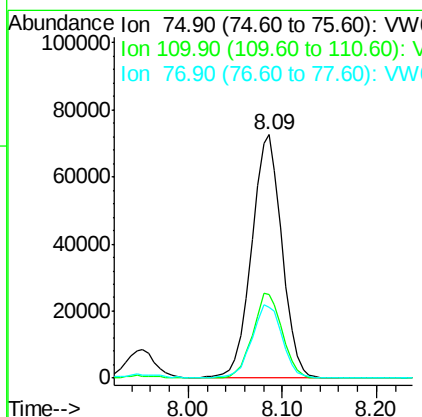
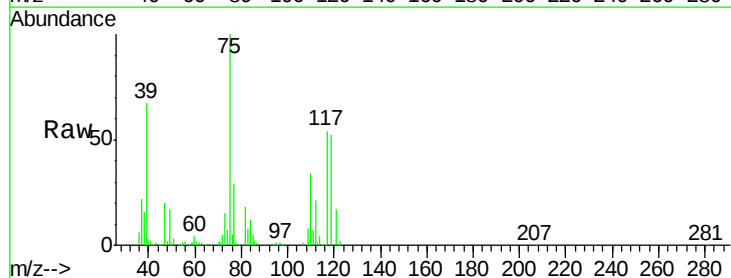
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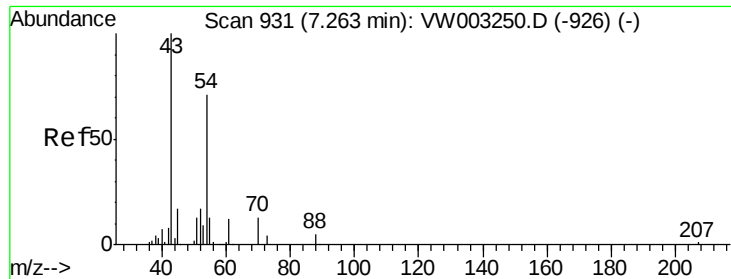
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#36
 1,1-Dichloropropene
 Concen: 50.12 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: VW003603.D
 Acq: 27 Jun 2018 10:24

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	163677		
110	34.0	17.1	51.3	
77	30.3	24.9	37.3	





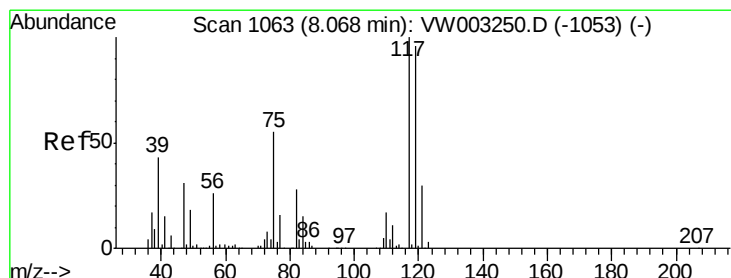
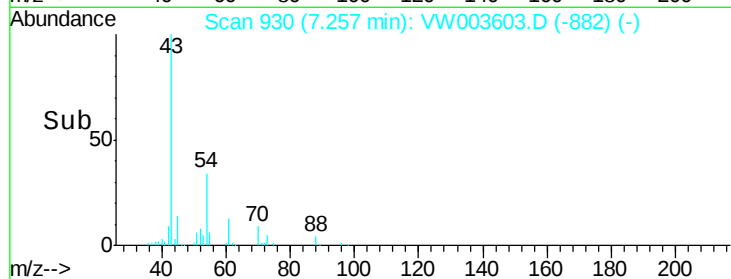
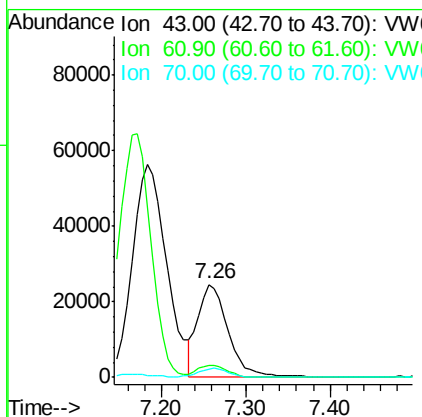
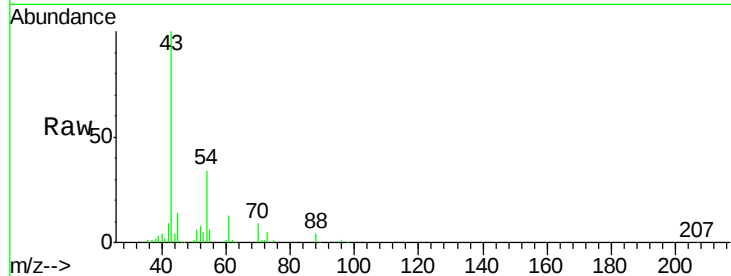
#37
Ethyl Acetate
Concen: 45.14 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.01 min
Lab File: VW003603.D
Acq: 27 Jun 2018 10:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	10.8	16.2
70	9.5	7.8	11.6

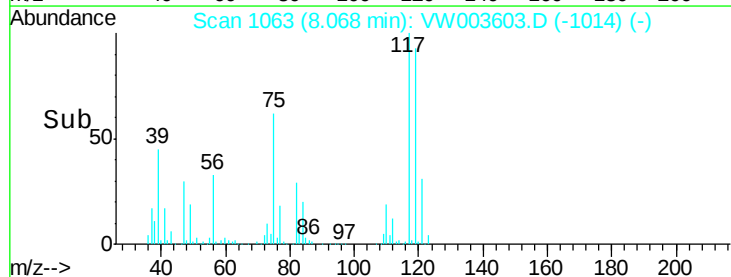
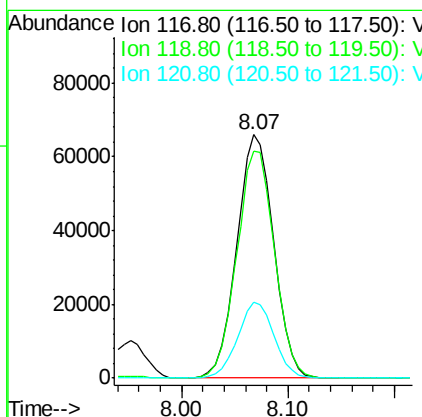
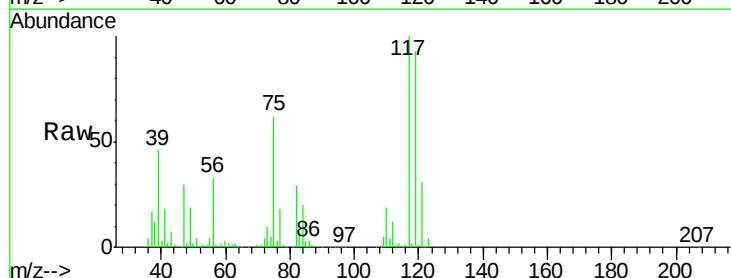
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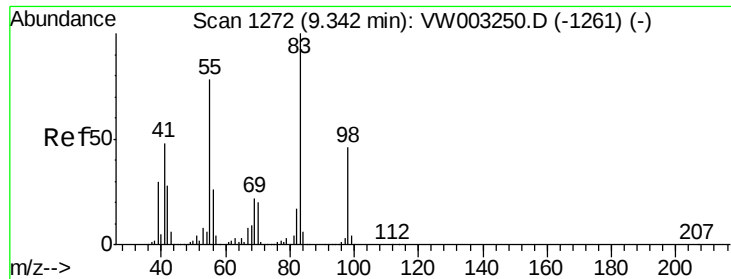
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#38
Carbon Tetrachloride
Concen: 50.10 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW003603.D
Acq: 27 Jun 2018 10:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.2	76.6	115.0
121	31.1	23.9	35.9





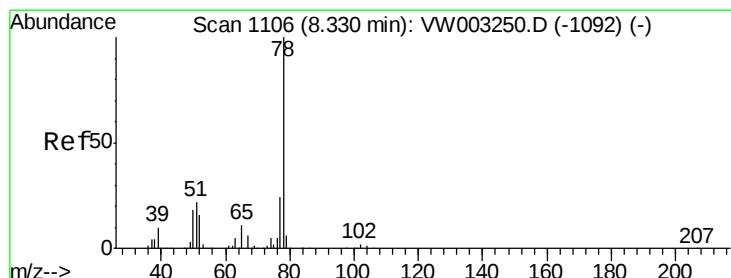
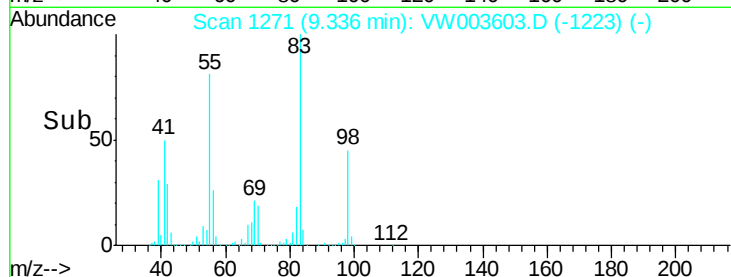
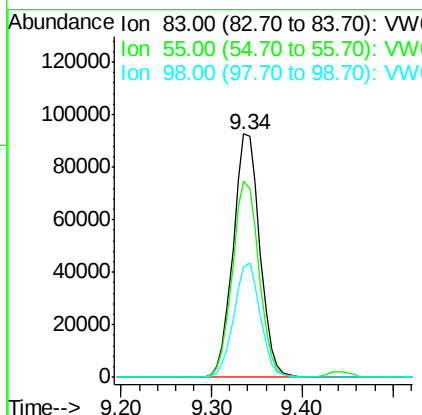
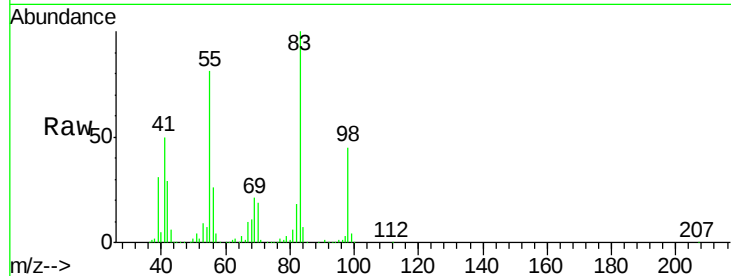
#39
Methvlcvclohexane
Concen: 50.13 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.01 min
Lab File: VW003603.D
Acq: 27 Jun 2018 10:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.7	62.6	93.8
98	45.3	37.0	55.4

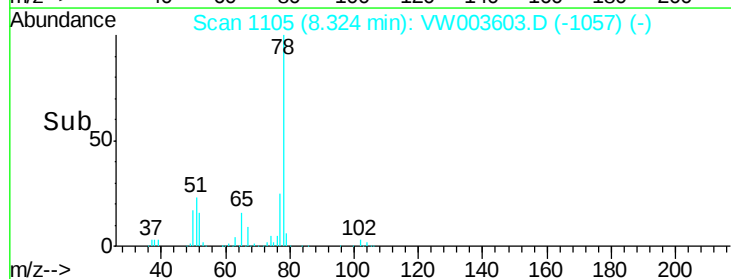
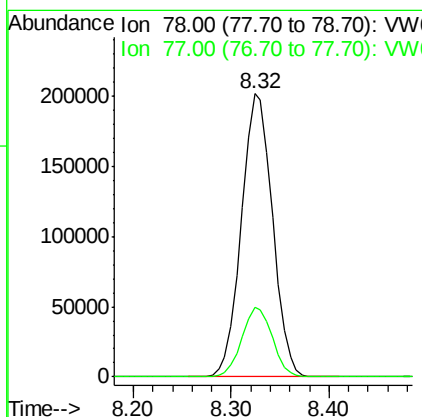
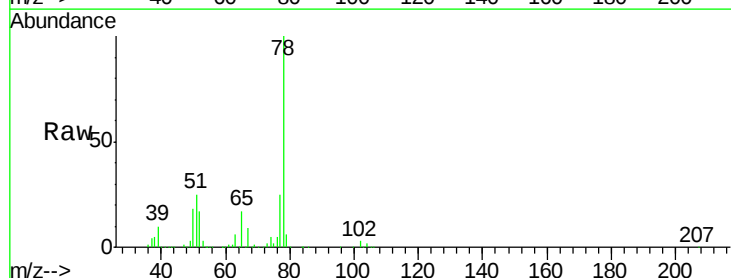
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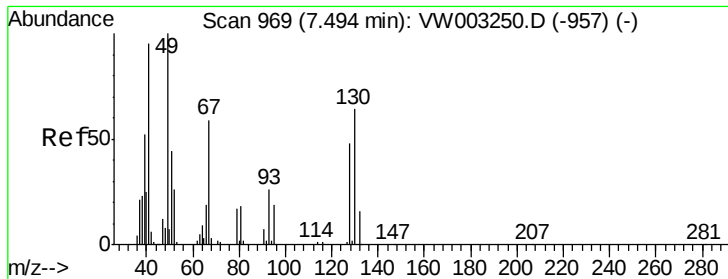
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#40
Benzene
Concen: 49.42 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VW003603.D
Acq: 27 Jun 2018 10:24

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.8	19.0	28.6





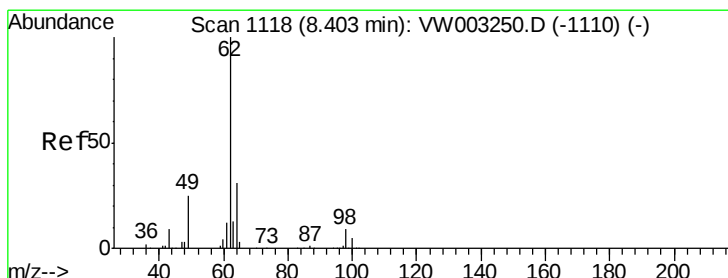
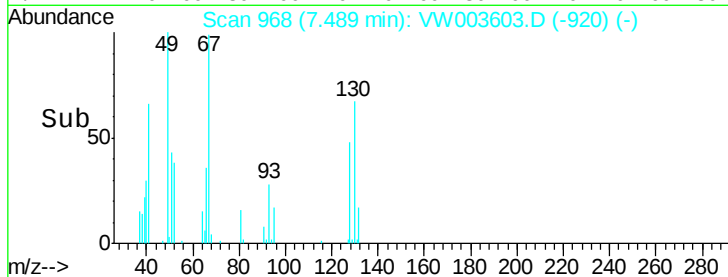
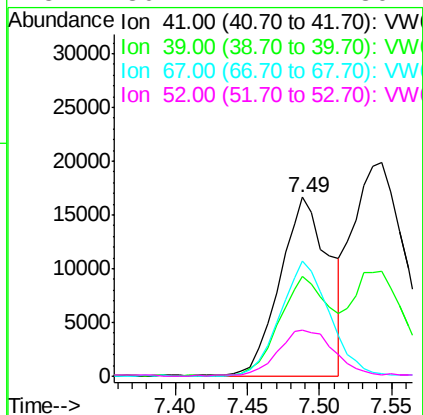
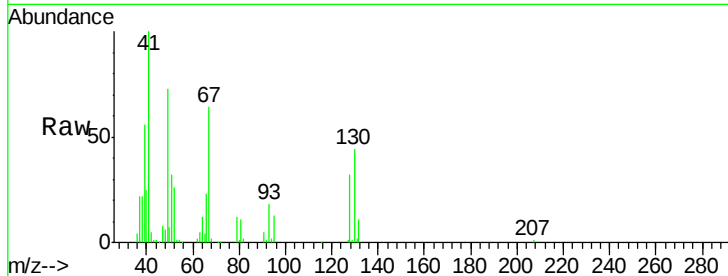
#41
Methacrylonitrile
Concen: 47.45 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.01 min
Lab File: VW003603.D
Acq: 27 Jun 2018 10:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	41	Resp	39395
Ion	Ratio	Lower	Upper
41	100		
39	57.7	45.8	68.8
67	65.1	52.3	78.5
52	30.1	24.1	36.1

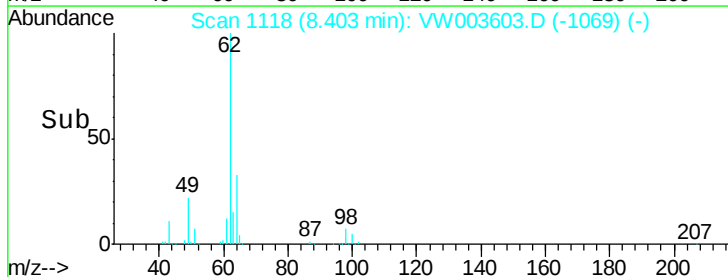
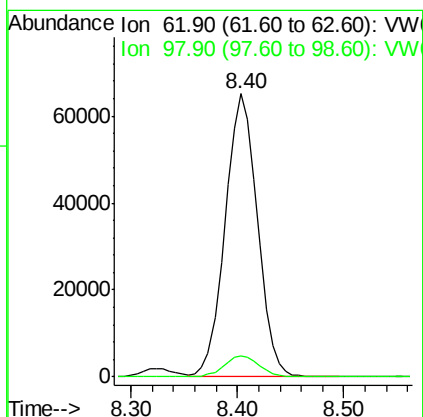
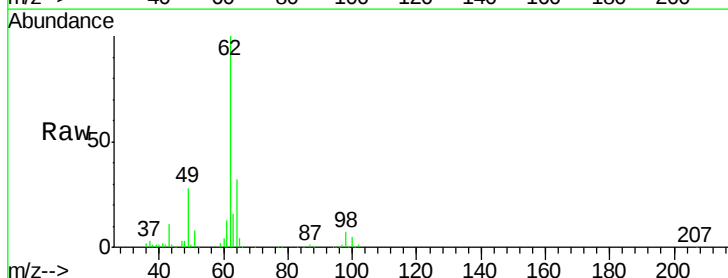
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#42
1,2-Dichloroethane
Concen: 49.05 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003603.D
Acq: 27 Jun 2018 10:24

Tgt Ion	62	Resp	138323
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	17.2





#43

Isopropyl Acetate

Concen: 46.00 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VW003603.D

Acq: 27 Jun 2018 10:24

Instrument :

MSVOA_W

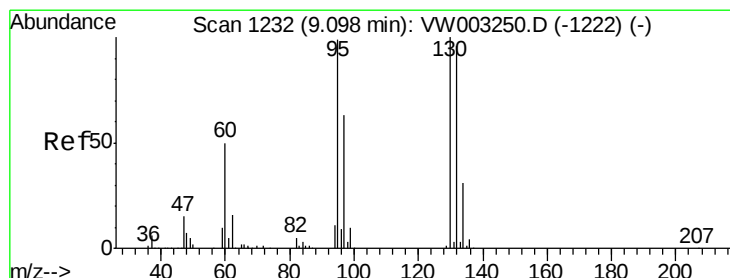
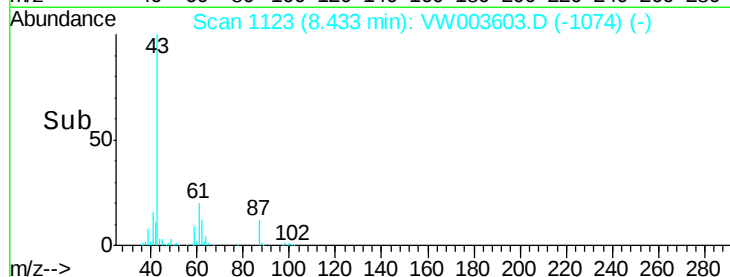
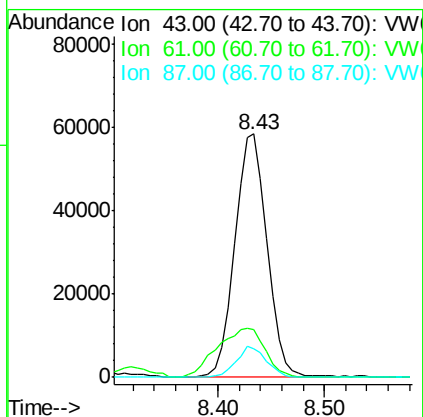
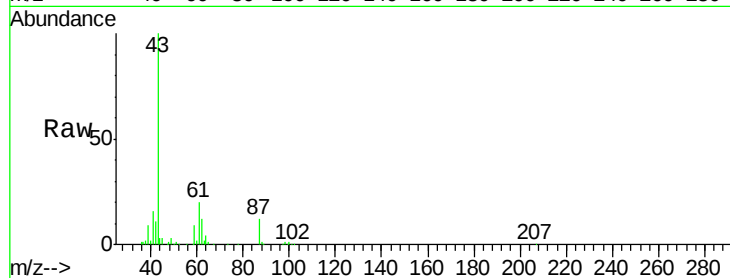
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	123573
Ion	Ratio	Lower	Upper
43	100		
61	29.9	23.1	34.7
87	12.1	9.8	14.6

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#44

Trichloroethene

Concen: 48.71 ug/l

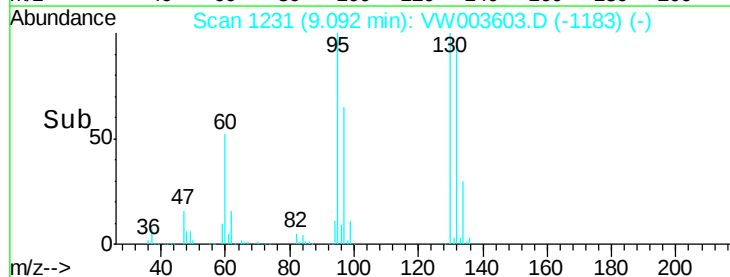
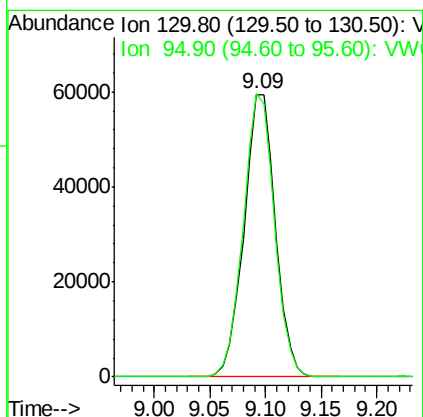
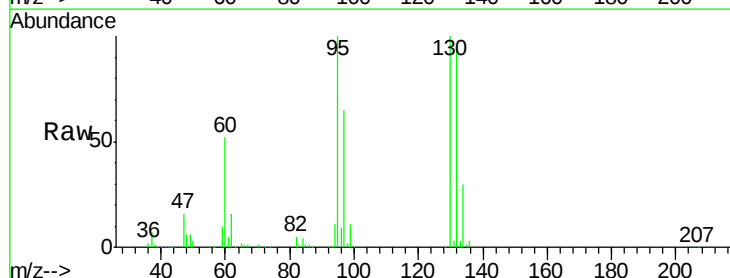
RT: 9.09 min Scan# 1231

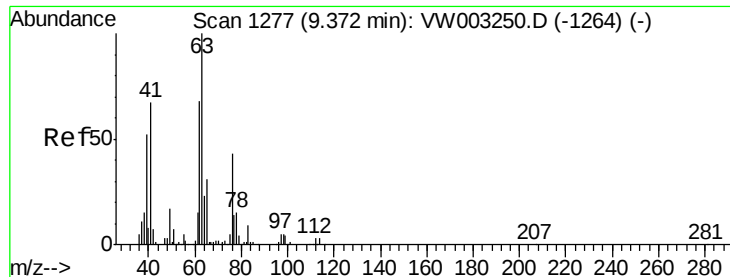
Delta R.T. -0.01 min

Lab File: VW003603.D

Acq: 27 Jun 2018 10:24

Tgt Ion:	130	Resp:	116182
Ion	Ratio	Lower	Upper
130	100		
95	100.3	0.0	198.0





#45

1,2-Dichloropropane

Concen: 49.73 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VW003603.D

Acq: 27 Jun 2018 10:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 113984

Ion Ratio Lower Upper

63 100

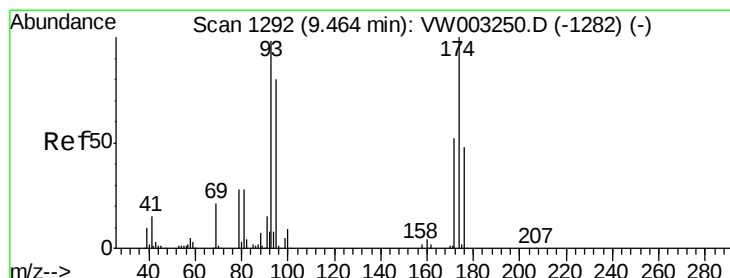
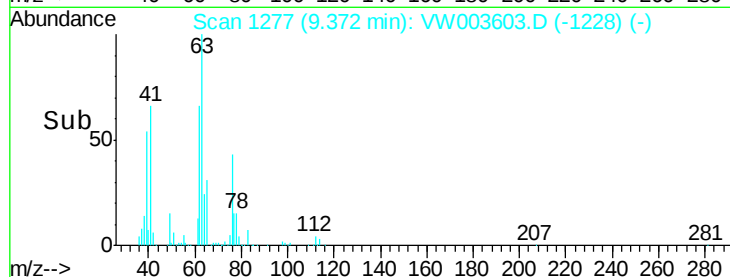
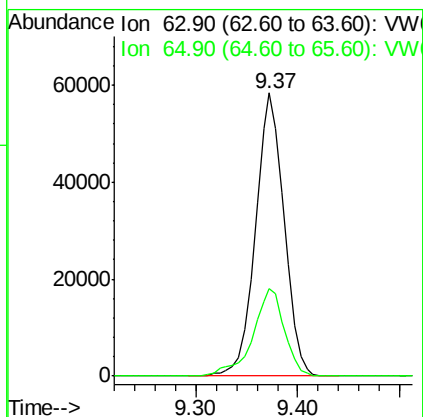
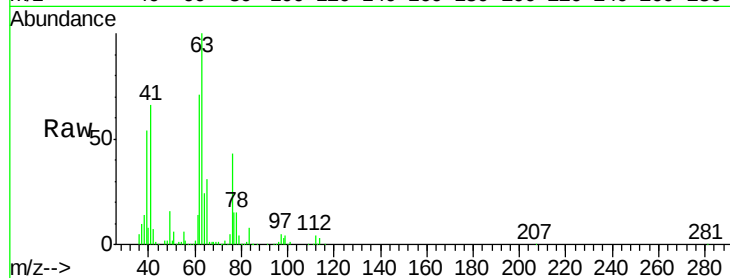
65 31.1 25.1 37.7

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#46

Dibromomethane

Concen: 48.58 ug/l

RT: 9.46 min Scan# 1291

Delta R.T. -0.01 min

Lab File: VW003603.D

Acq: 27 Jun 2018 10:24

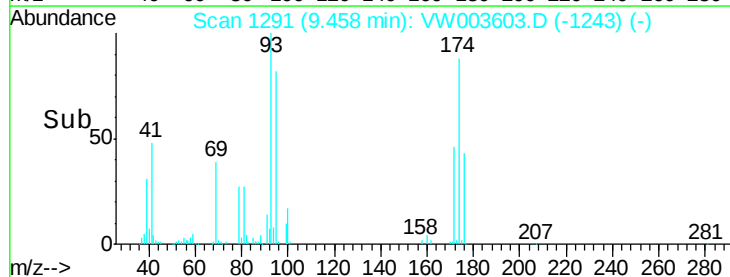
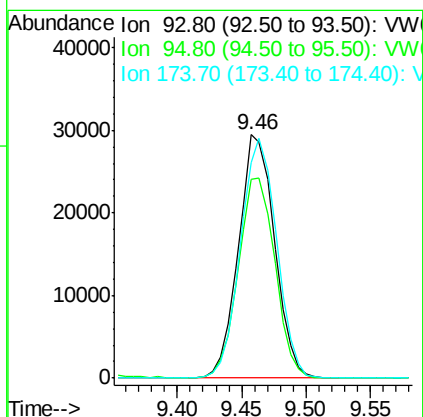
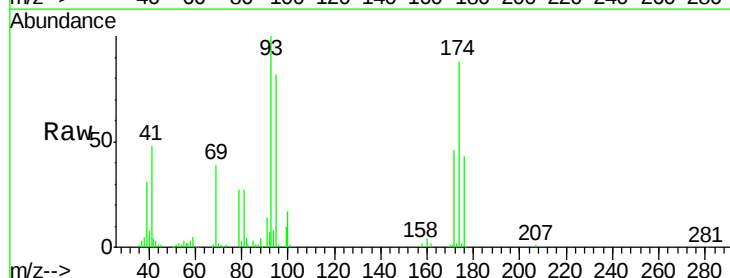
Tgt Ion: 93 Resp: 57002

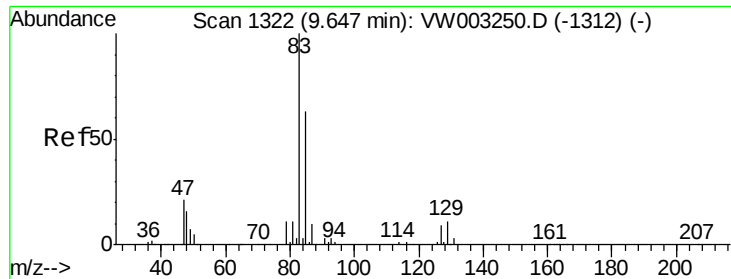
Ion Ratio Lower Upper

93 100

95 84.0 65.8 98.8

174 99.0 81.4 122.0





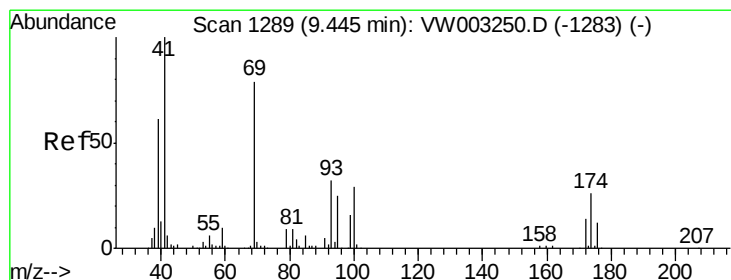
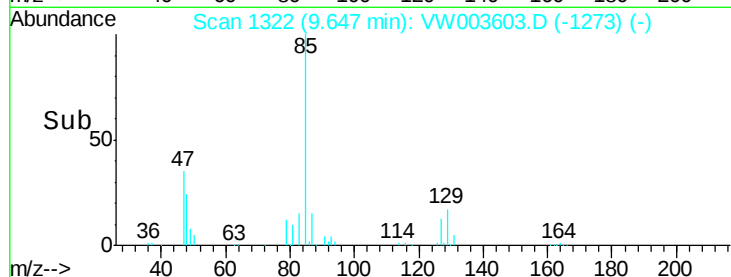
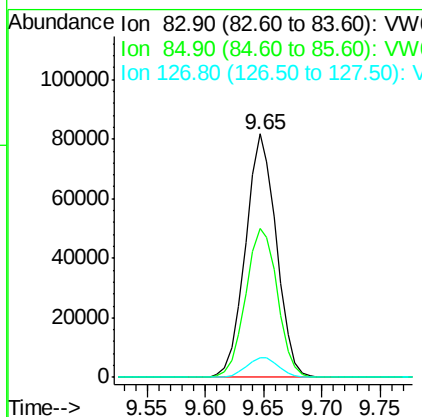
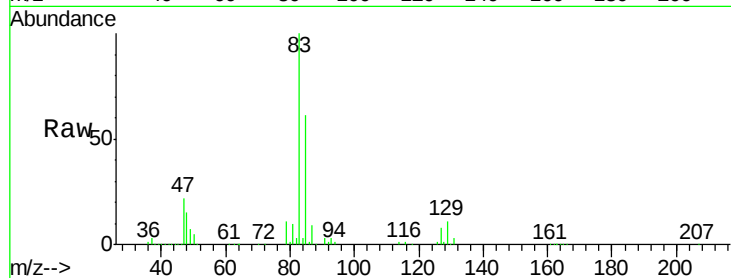
#47
Bromodichloromethane
Concen: 50.23 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VW003603.D
Acq: 27 Jun 2018 10:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	151077		
85	61.4	50.6	75.8	
127	8.0	6.8	10.2	

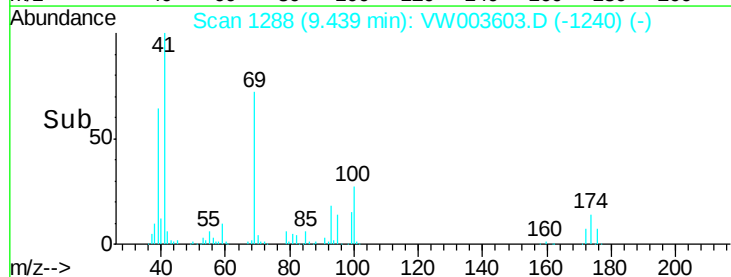
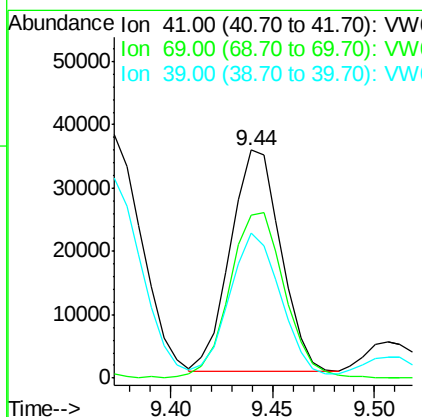
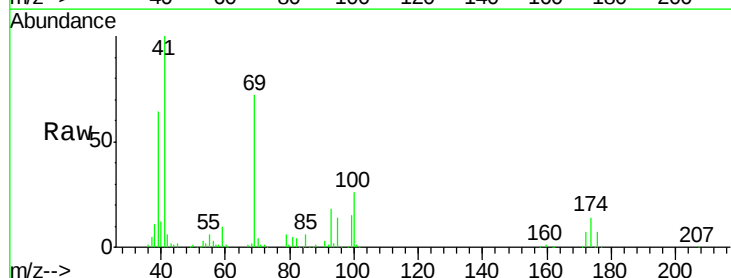
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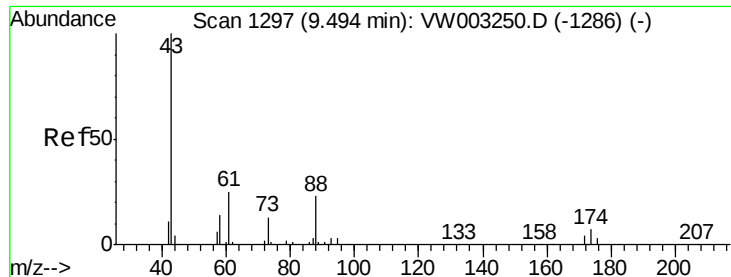
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#48
Methyl methacrylate
Concen: 47.56 ug/l
RT: 9.44 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VW003603.D
Acq: 27 Jun 2018 10:24

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	60036		
69	80.9	65.4	98.2	
39	67.1	54.2	81.2	





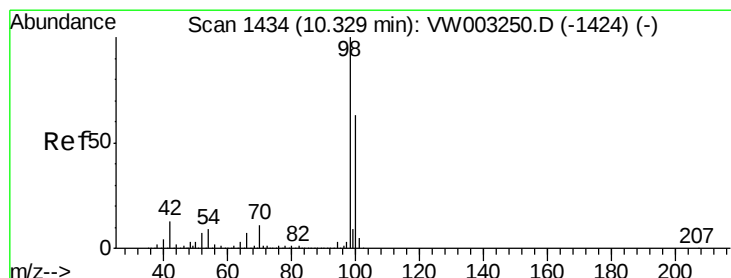
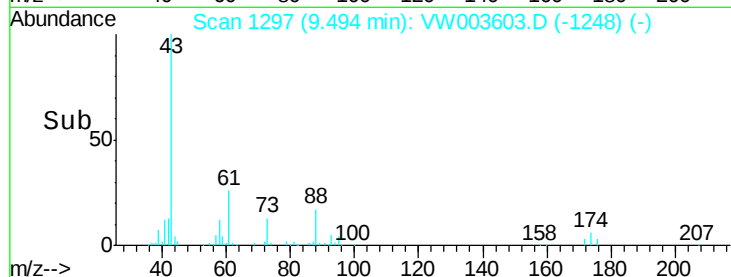
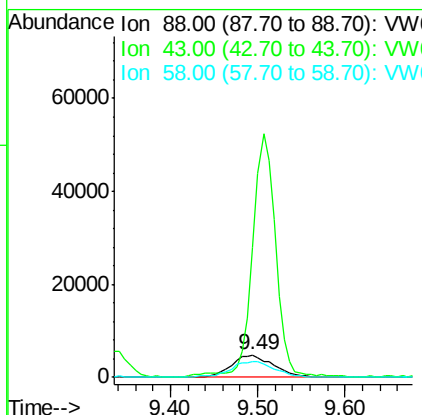
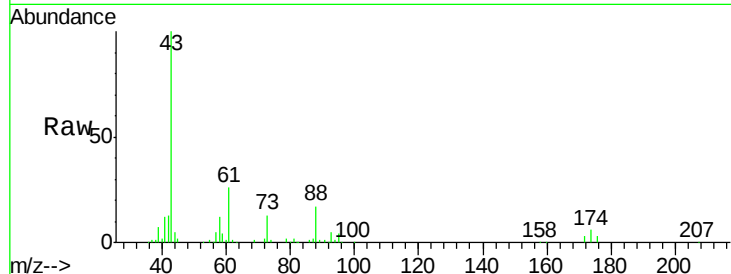
#49
 1,4-Dioxane
 Concen: 895.94 ug/l
 RT: 9.49 min Scan# 1297
 Delta R.T. 0.00 min
 Lab File: VW003603.D
 Acq: 27 Jun 2018 10:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	88	Resp	15873
Ion	Ratio	Lower	Upper
88	100		
43	592.9	454.7	682.1
58	75.6	58.6	88.0

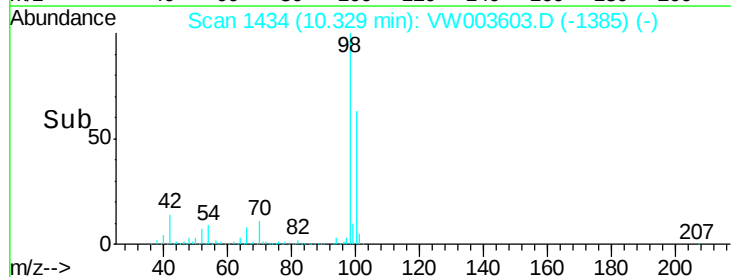
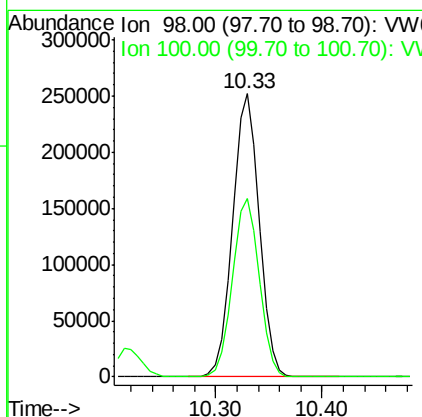
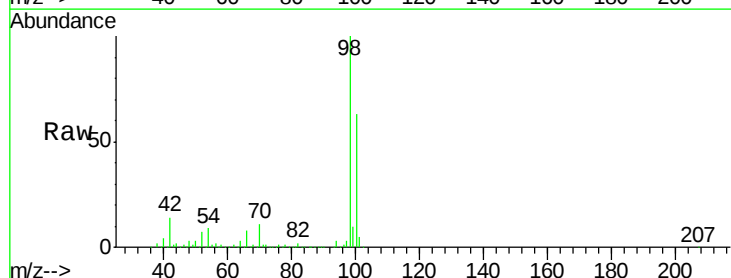
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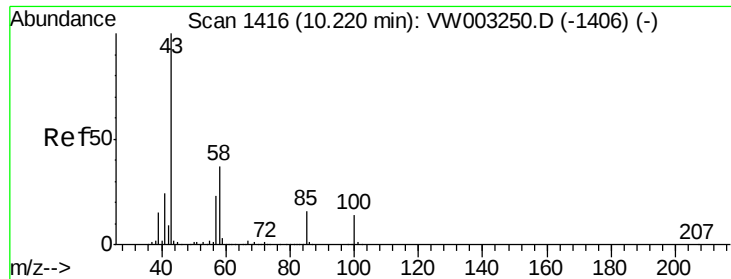
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#50
 Toluene-d8
 Concen: 52.93 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW003603.D
 Acq: 27 Jun 2018 10:24

Tgt Ion	98	Resp	440945
Ion	Ratio	Lower	Upper
98	100		
100	63.7	50.8	76.2





#51

4-Methyl-2-Pentanone

Concen: 242.99 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.01 min

Lab File: VW003603.D

Acq: 27 Jun 2018 10:24

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 332601

Ion Ratio Lower Upper

43 100

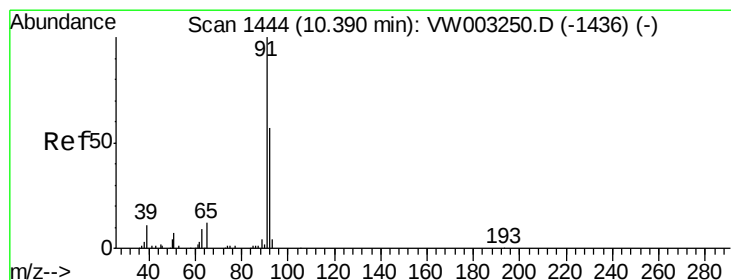
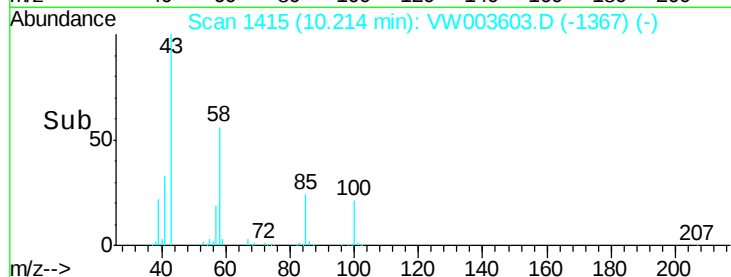
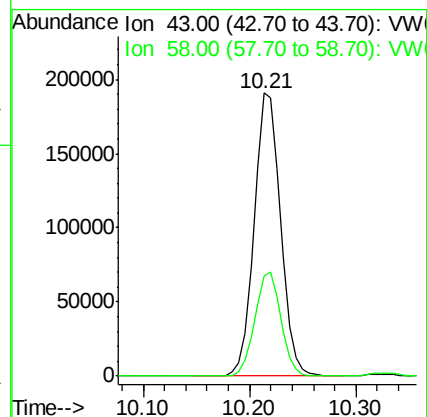
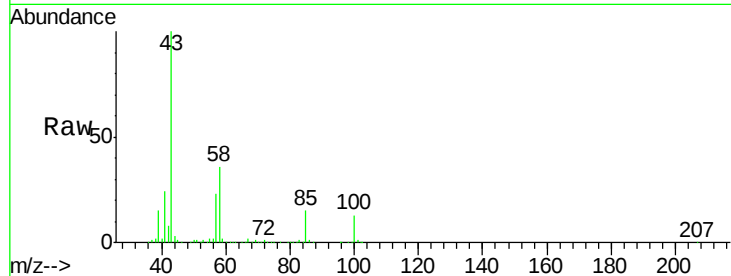
58 36.6 29.0 43.4

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#52

Toluene

Concen: 49.83 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW003603.D

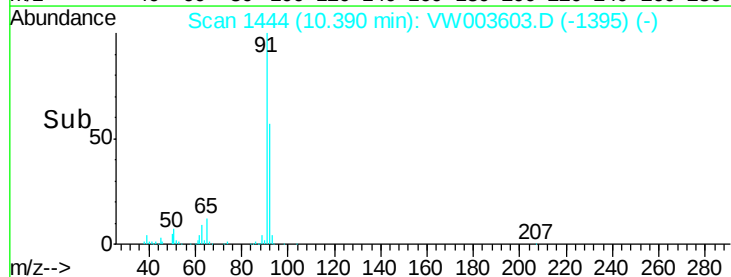
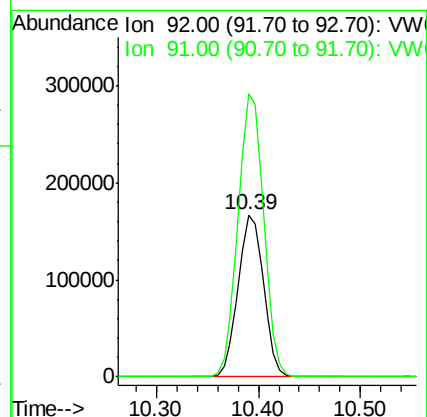
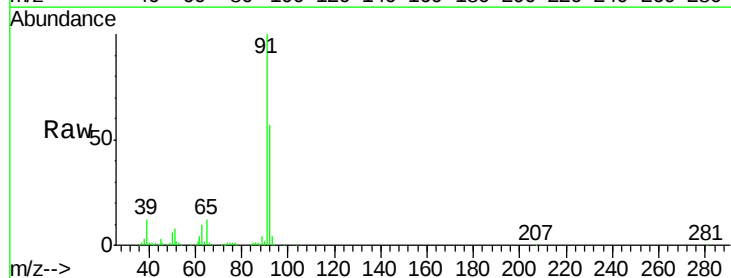
Acq: 27 Jun 2018 10:24

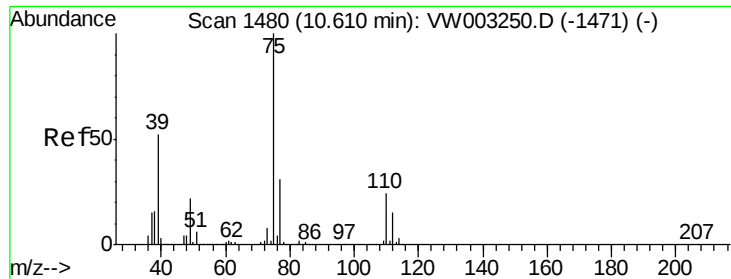
Tgt Ion: 92 Resp: 287615

Ion Ratio Lower Upper

92 100

91 175.8 141.1 211.7





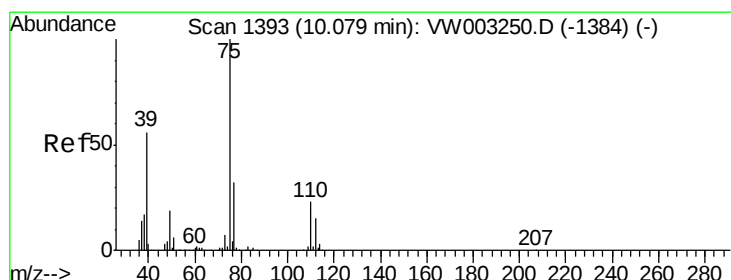
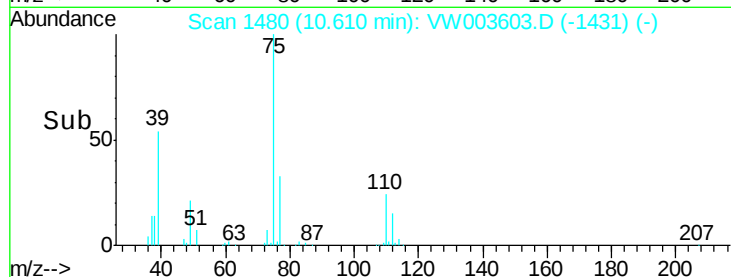
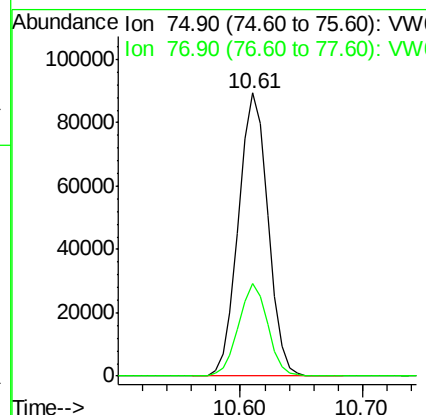
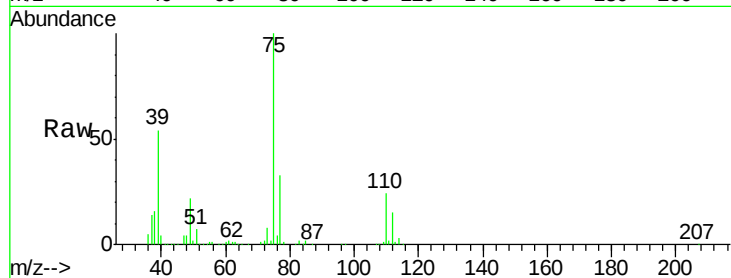
#53
t-1,3-Dichloropropene
Concen: 48.52 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VW003603.D
Acq: 27 Jun 2018 10:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	75	Resp	149080
Ion Ratio	Lower	Upper	
75	100		
77	32.6	24.9	37.3

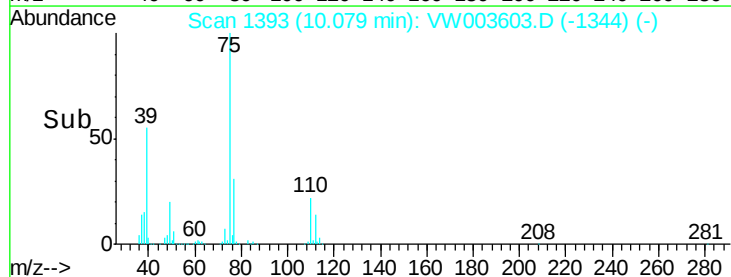
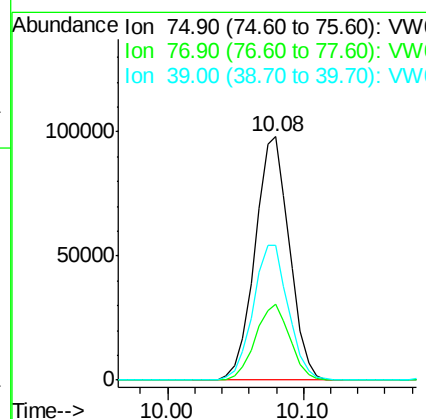
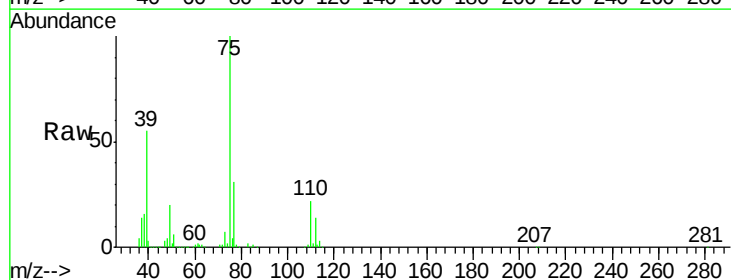
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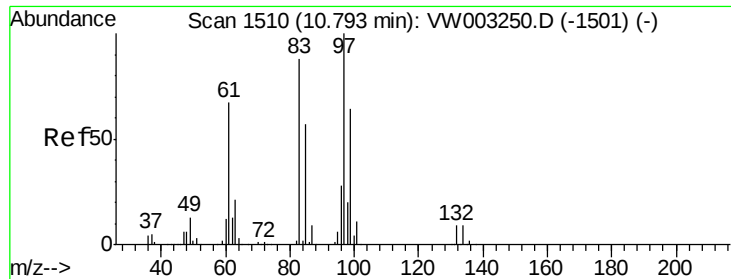
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#54
cis-1,3-Dichloropropene
Concen: 49.57 ug/l
RT: 10.08 min Scan# 1393
Delta R.T. 0.00 min
Lab File: VW003603.D
Acq: 27 Jun 2018 10:24

Tgt Ion	75	Resp	173344
Ion Ratio	Lower	Upper	
75	100		
77	31.0	25.8	38.6
39	55.2	45.2	67.8





#55

1,1,2-Trichloroethane

Concen: 48.68 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VW003603.D

Acq: 27 Jun 2018 10:24

Instrument :

MSVOA_W

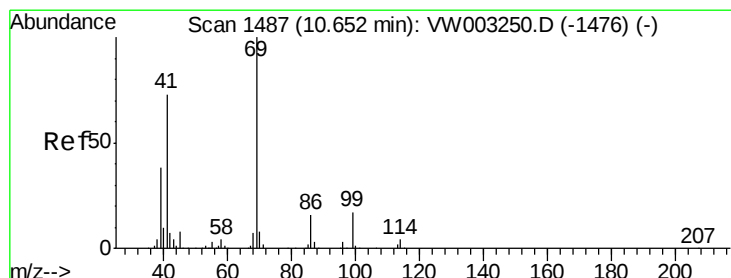
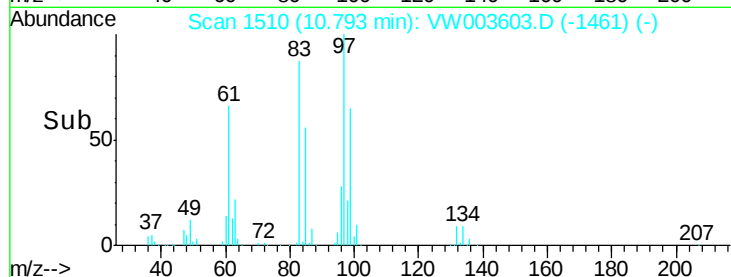
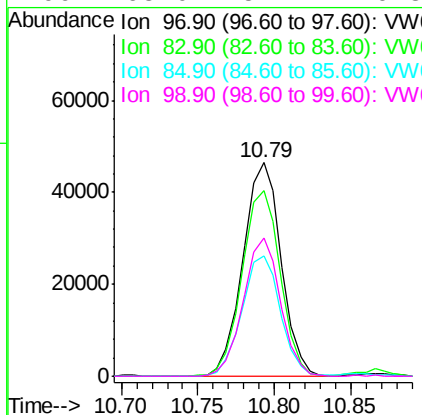
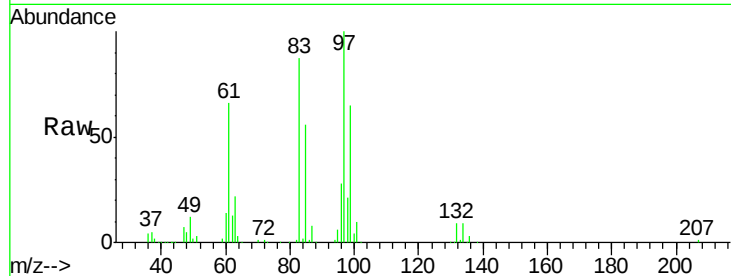
ClientSampleId :

VSTDCCC050

Tot Ion:	97	Resp:	80487
Ion	Ratio	Lower	Upper
97	100		
83	87.1	70.2	105.2
85	56.1	45.6	68.4
99	65.0	51.2	76.8

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#56

Ethyl methacrylate

Concen: 48.79 ug/l

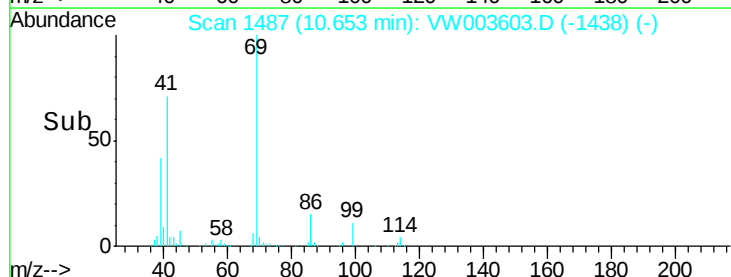
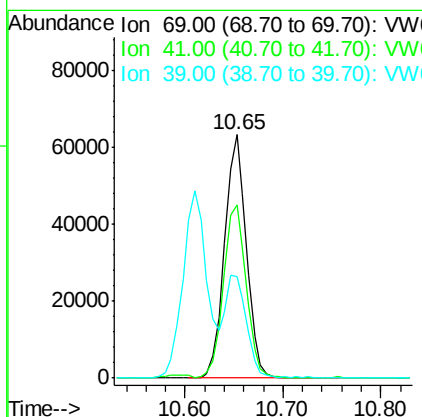
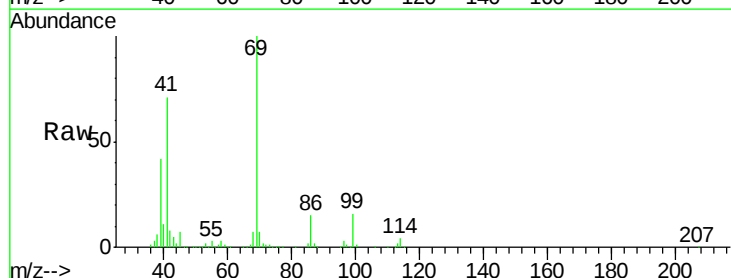
RT: 10.65 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW003603.D

Acq: 27 Jun 2018 10:24

Tgt Ion:	69	Resp:	97969
Ion	Ratio	Lower	Upper
69	100		
41	73.4	57.8	86.6
39	40.2	32.7	49.1





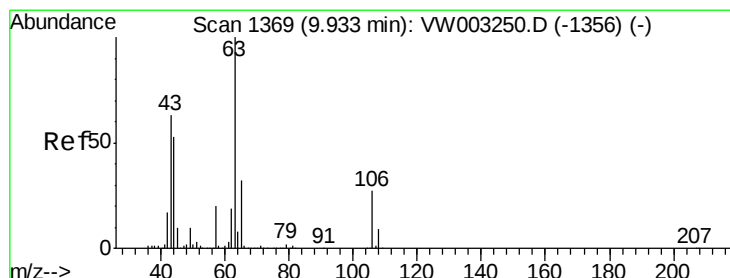
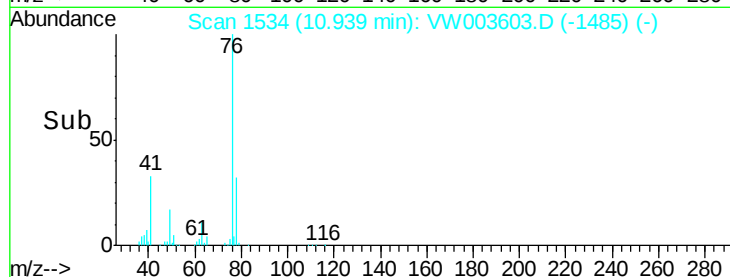
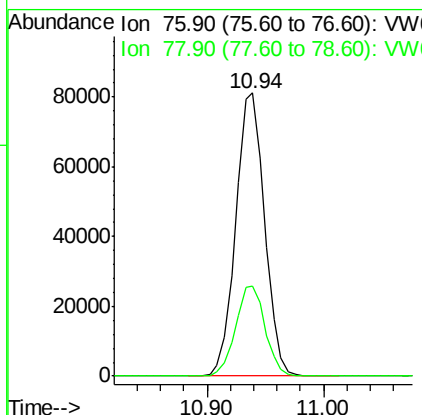
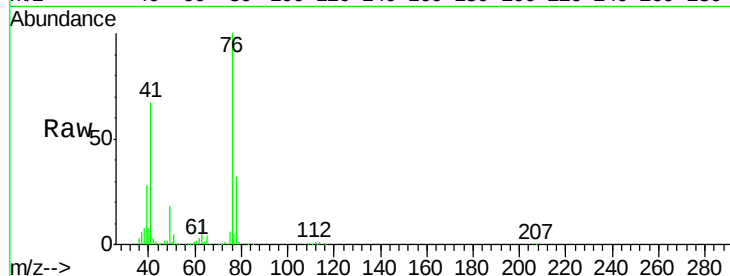
#57
 1,3-Dichloropropane
 Concen: 49.18 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VW003603.D
 Acq: 27 Jun 2018 10:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 140238
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.7 38.5

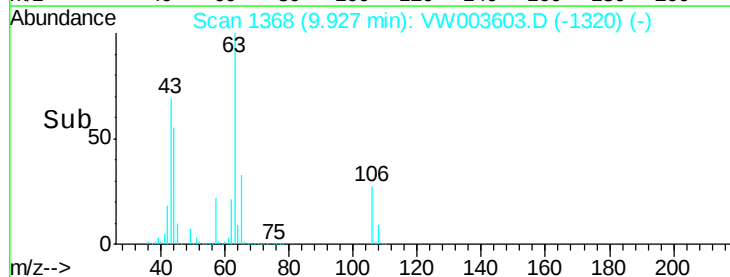
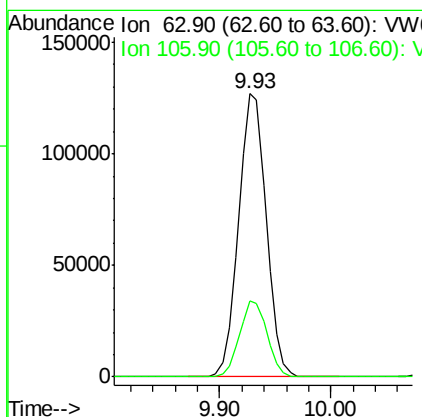
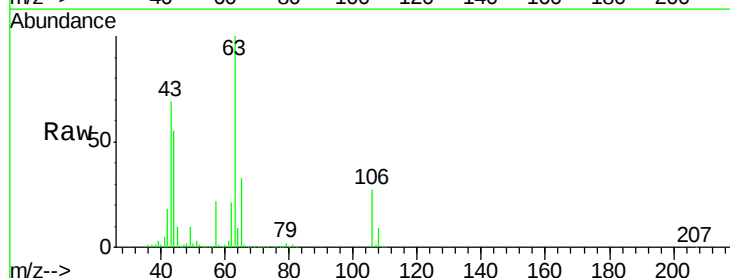
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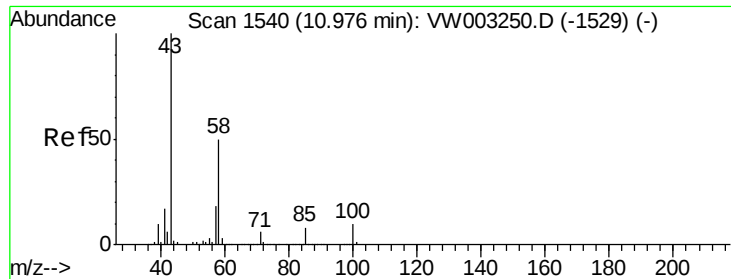
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#58
 2-Chloroethyl Vinyl ether
 Concen: 242.22 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: VW003603.D
 Acq: 27 Jun 2018 10:24

Tgt Ion: 63 Resp: 218017
 Ion Ratio Lower Upper
 63 100
 106 26.8 21.8 32.8





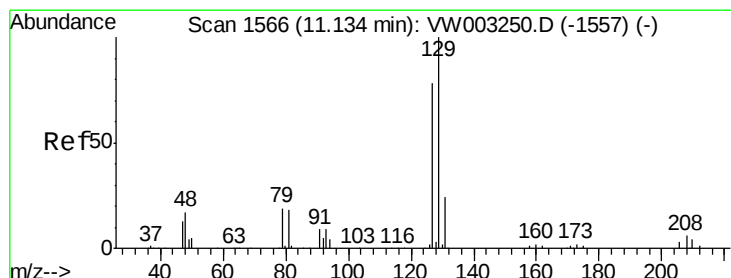
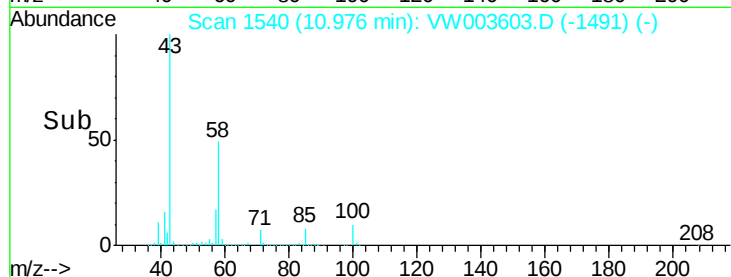
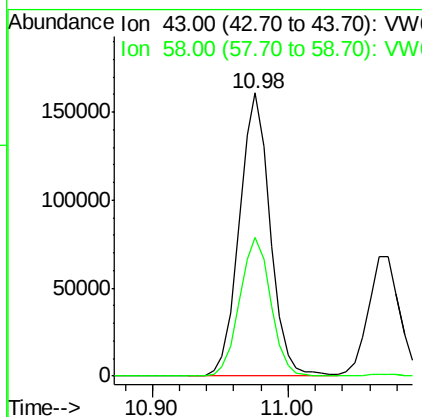
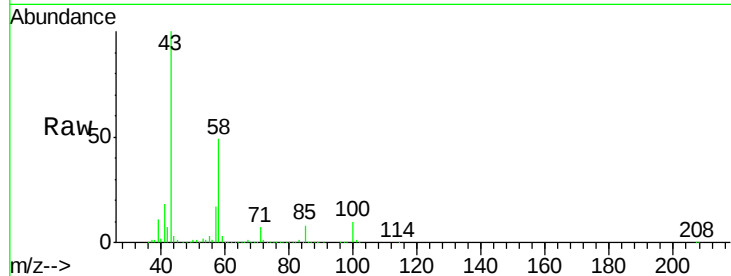
#59
2-Hexanone
Concen: 265.35 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003603.D
Acq: 27 Jun 2018 10:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 253729
Ion Ratio Lower Upper
43 100
58 49.4 25.0 75.0

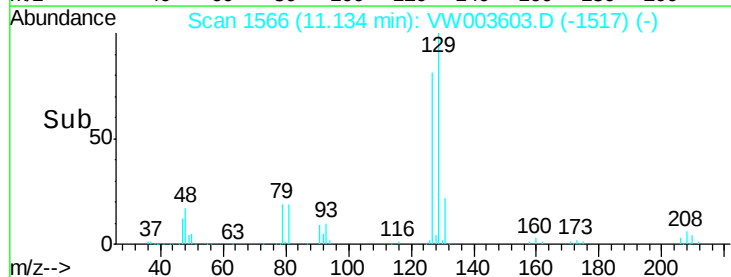
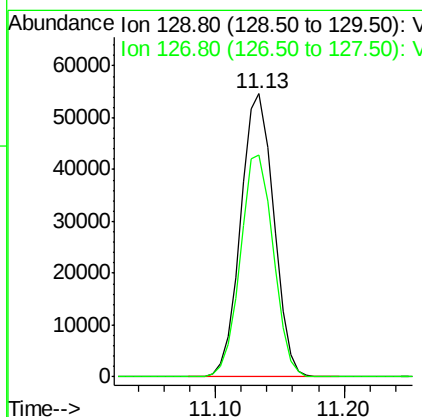
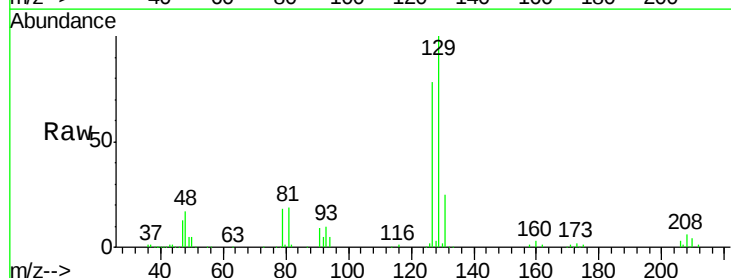
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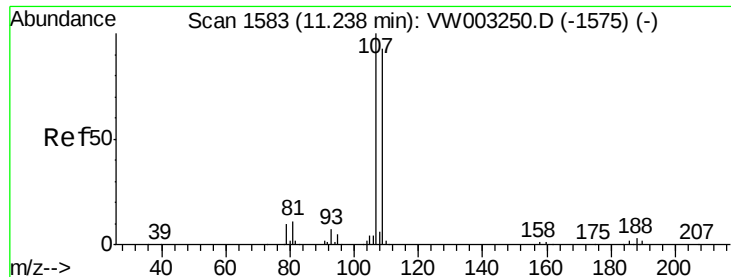
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#60
Dibromochloromethane
Concen: 49.24 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW003603.D
Acq: 27 Jun 2018 10:24

Tgt Ion: 129 Resp: 96816
Ion Ratio Lower Upper
129 100
127 78.2 39.1 117.5





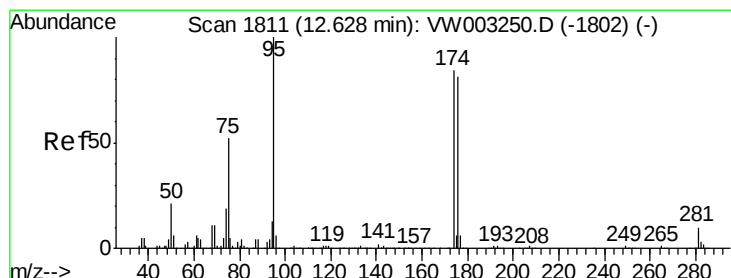
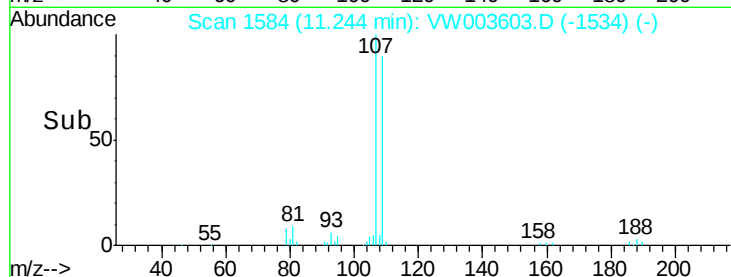
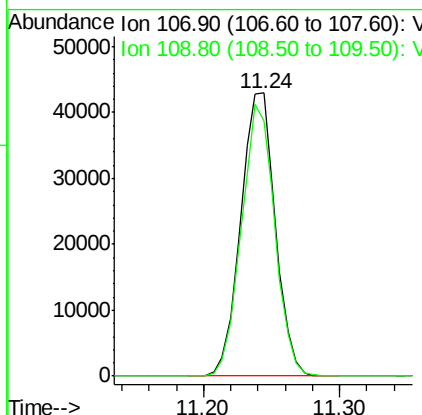
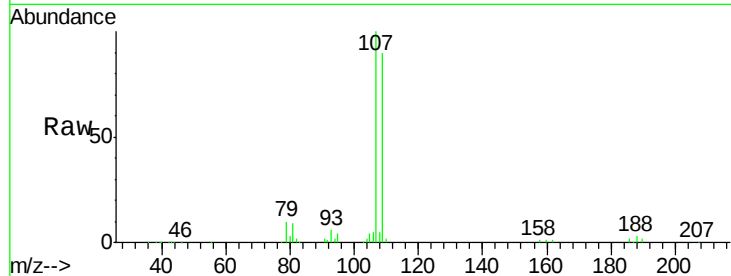
#61
 1,2-Dibromoethane
 Concen: 48.79 ug/l
 RT: 11.24 min Scan# 1584
 Delta R.T. 0.01 min
 Lab File: VW003603.D
 Acq: 27 Jun 2018 10:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 107 Resp: 76306
 Ion Ratio Lower Upper
 107 100
 109 92.7 75.8 113.6

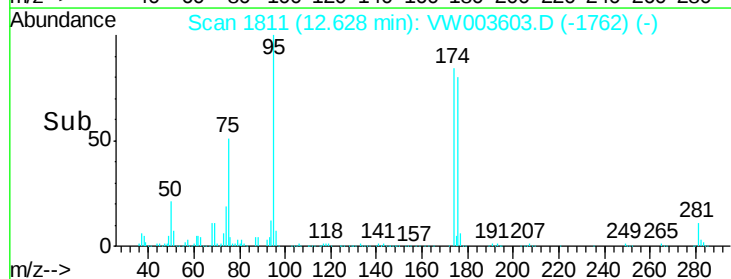
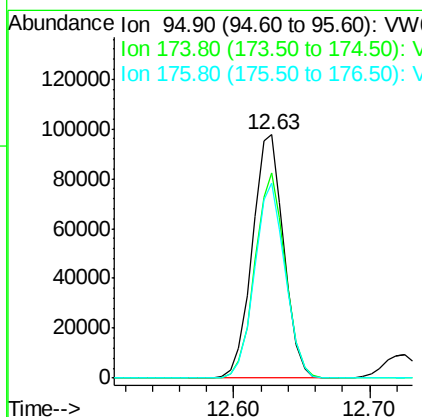
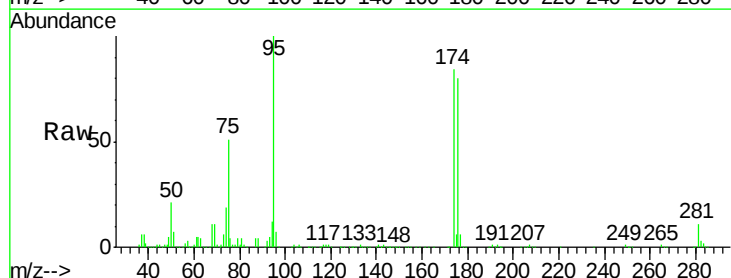
Manual Integrations
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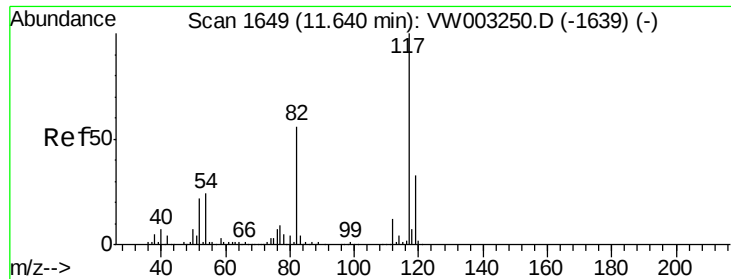
apatel
 6/28/2018 12:35:11 PM



#62
 4-Bromofluorobenzene
 Concen: 53.55 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW003603.D
 Acq: 27 Jun 2018 10:24

Tgt Ion: 95 Resp: 157898
 Ion Ratio Lower Upper
 95 100
 174 81.4 0.0 166.4
 176 78.3 0.0 162.0





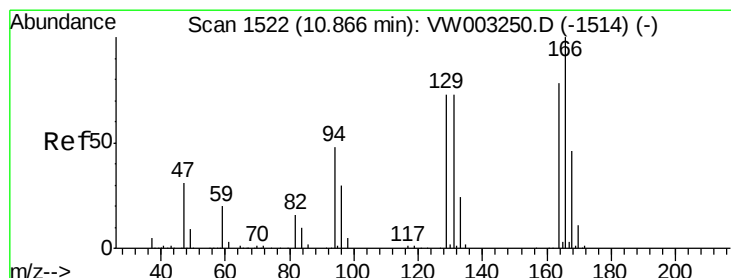
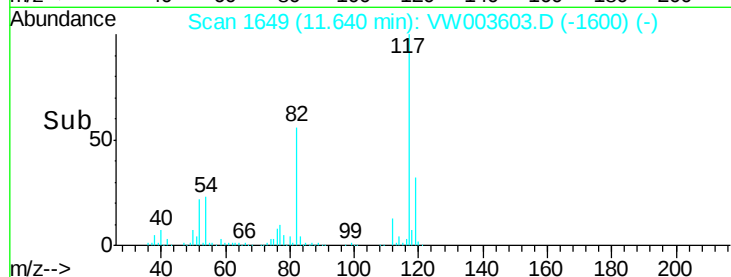
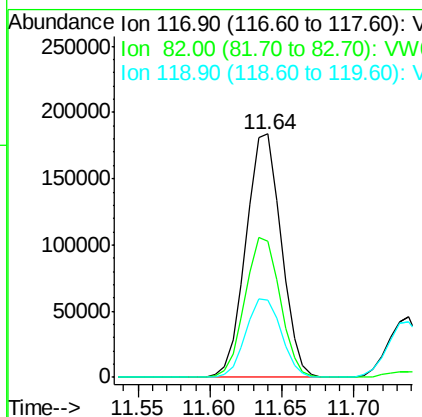
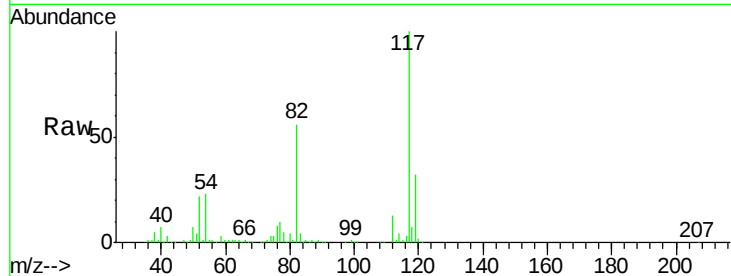
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW003603.D
Acq: 27 Jun 2018 10:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	311593		
82	55.8	44.6	67.0	
119	31.7	26.7	40.1	

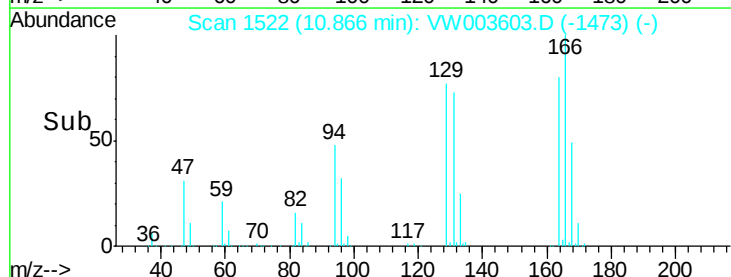
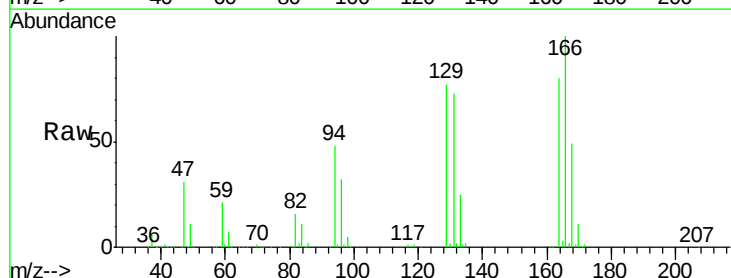
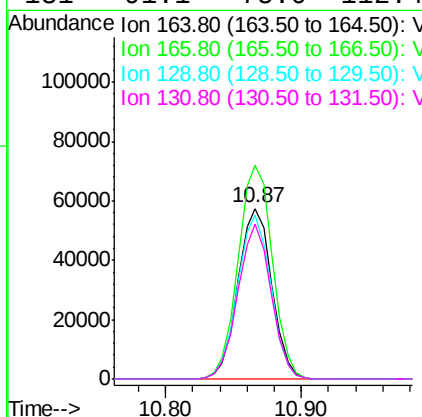
Manual Integrations
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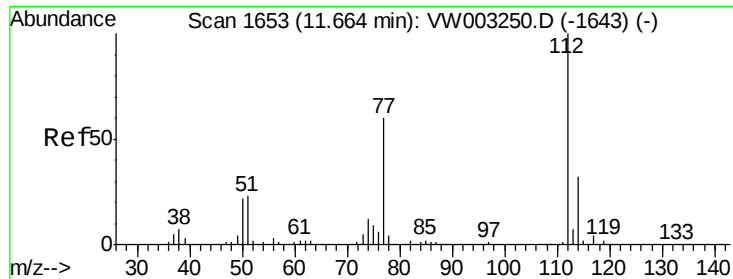
apatel
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#64
Tetrachloroethene
Concen: 47.78 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003603.D
Acq: 27 Jun 2018 10:24

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	99573		
166	125.2	102.6	154.0	
129	96.4	75.2	112.8	
131	91.1	75.0	112.4	





#65

Chlorobenzene

Concen: 48.39 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VW003603.D

Acq: 27 Jun 2018 10:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 314015

Ion Ratio Lower Upper

112 100

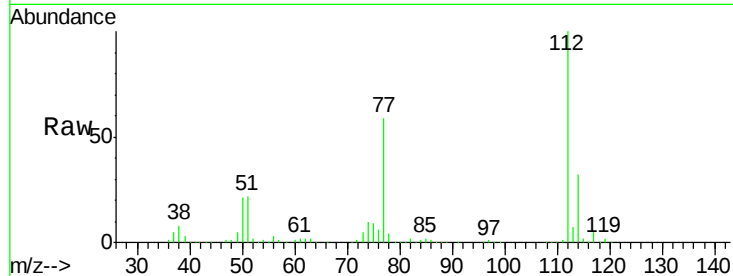
114 32.1 25.9 38.9

Manual Integrations

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.66

200000

150000

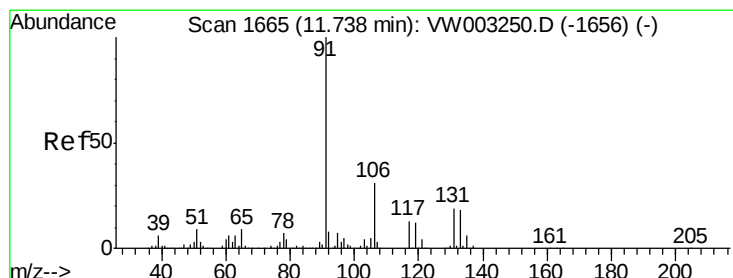
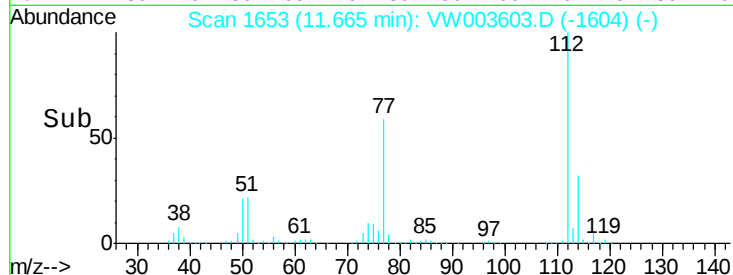
100000

50000

0

11.60 11.70 11.80

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 48.53 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VW003603.D

Acq: 27 Jun 2018 10:24

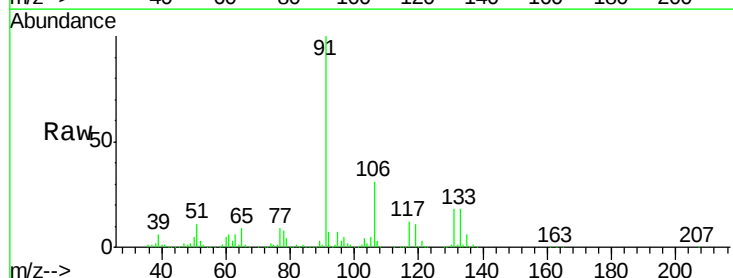
Tgt Ion:131 Resp: 110652

Ion Ratio Lower Upper

131 100

133 95.5 47.3 142.0

119 65.4 32.5 97.4



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

11.74

80000

60000

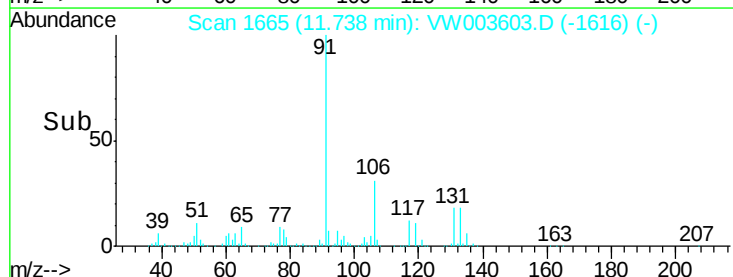
40000

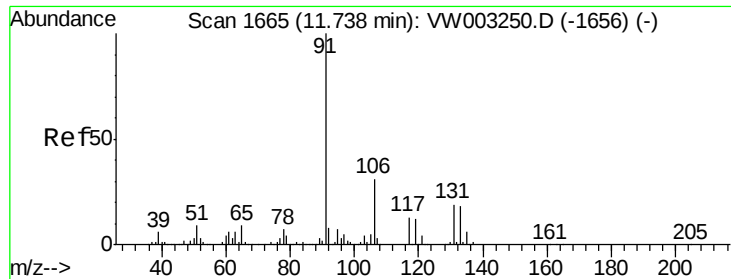
20000

0

11.65 11.70 11.75 11.80

Time-->





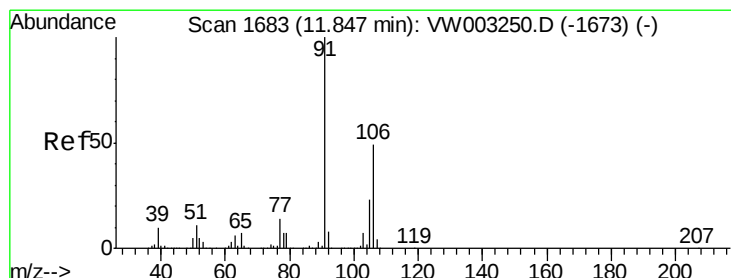
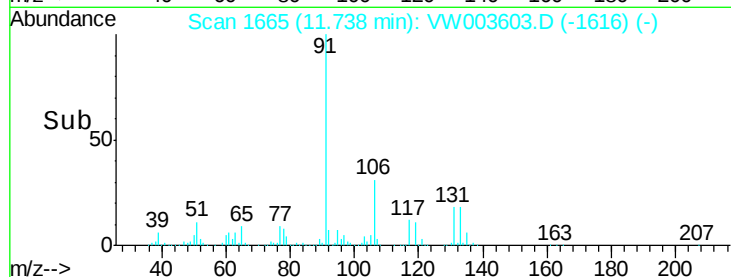
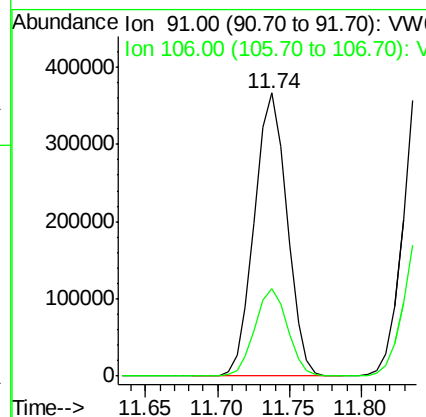
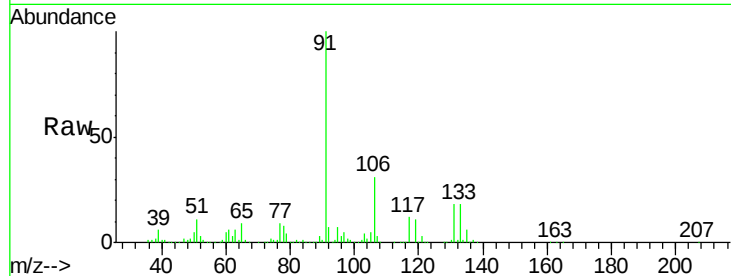
#67
Ethyl Benzene
Concen: 49.97 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003603.D
Acq: 27 Jun 2018 10:24

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 574792
Ion Ratio Lower Upper
91 100
106 30.9 24.7 37.1

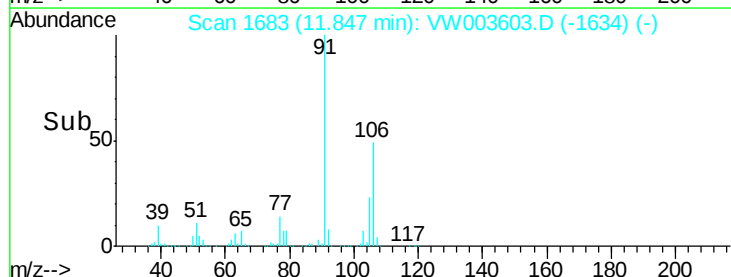
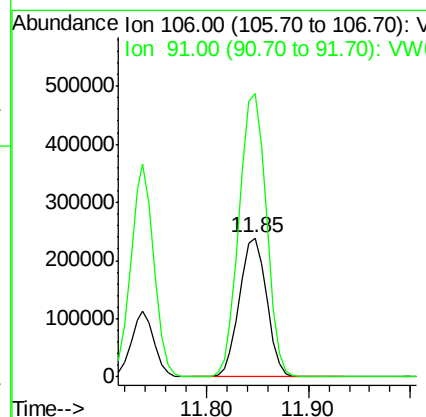
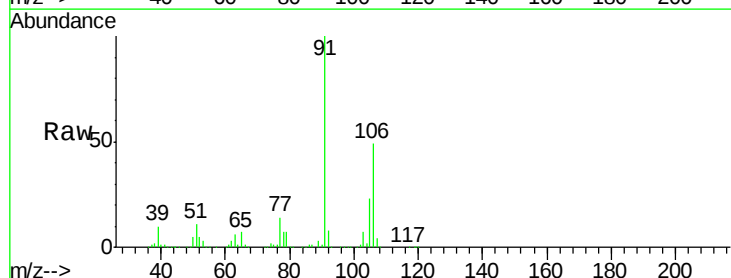
Manual Integrations
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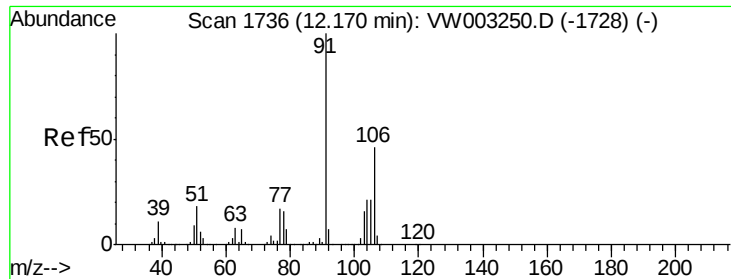
apatel
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#68
m/p-Xylenes
Concen: 100.55 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW003603.D
Acq: 27 Jun 2018 10:24

Tgt Ion: 106 Resp: 439630
Ion Ratio Lower Upper
106 100
91 205.1 165.4 248.0





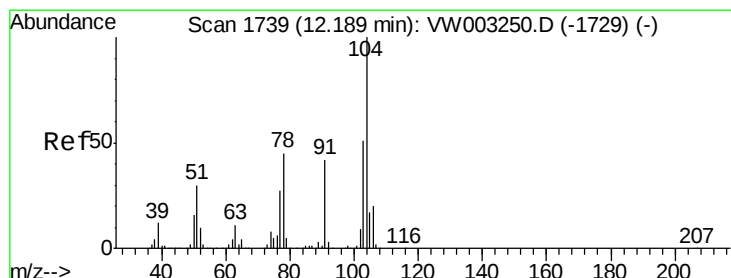
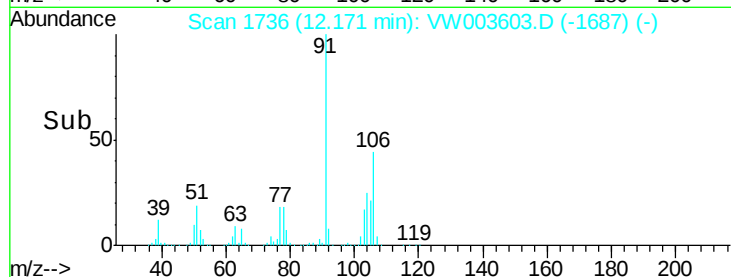
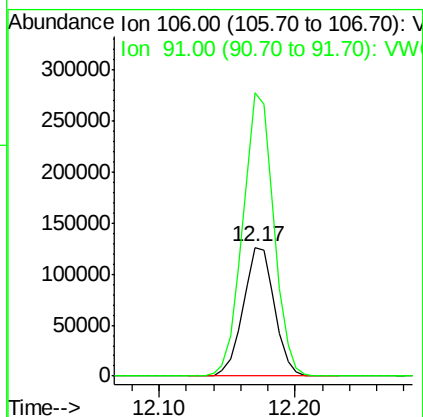
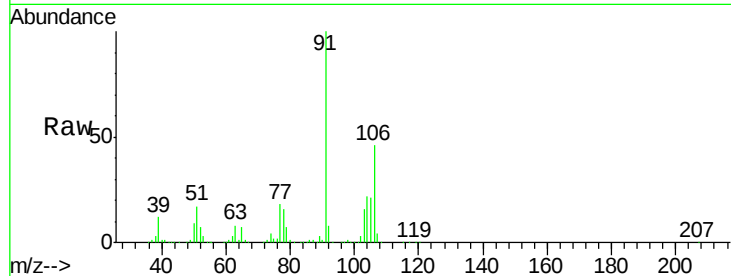
#69
o-Xylene
Concen: 50.06 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003603.D
Acq: 27 Jun 2018 10:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		202862		
91	217.4	108.6	325.6		

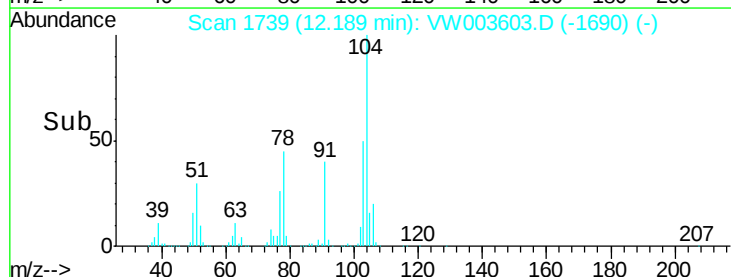
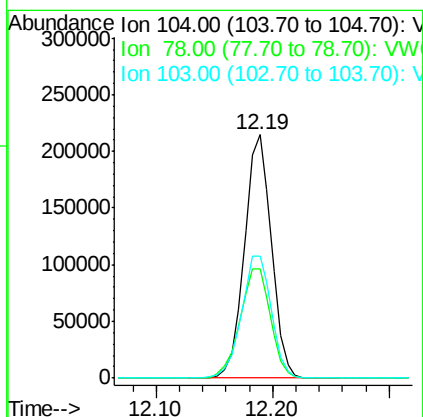
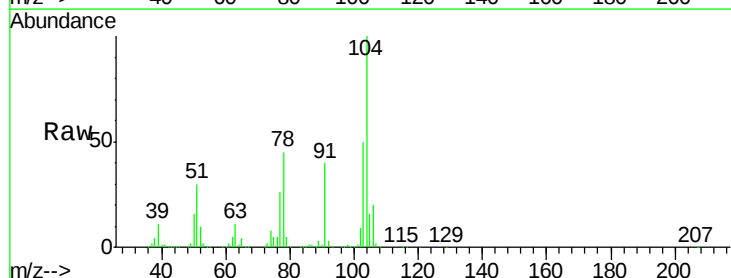
Manual Integrations
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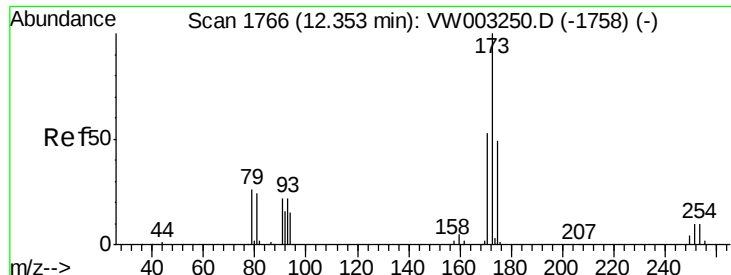
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#70
Styrene
Concen: 51.40 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW003603.D
Acq: 27 Jun 2018 10:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		346661		
78	51.2	41.3	61.9		
103	55.7	45.0	67.4		





#71

Bromoform

Concen: 47.58 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW003603.D

Acq: 27 Jun 2018 10:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 56229

Ion Ratio Lower Upper

173 100

175 48.7 24.4 73.4

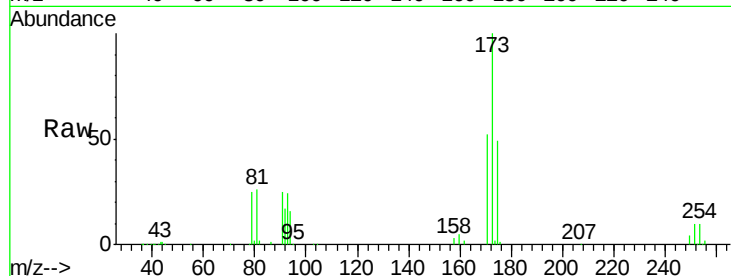
254 0.1 0.1 0.1

Manual Integrations

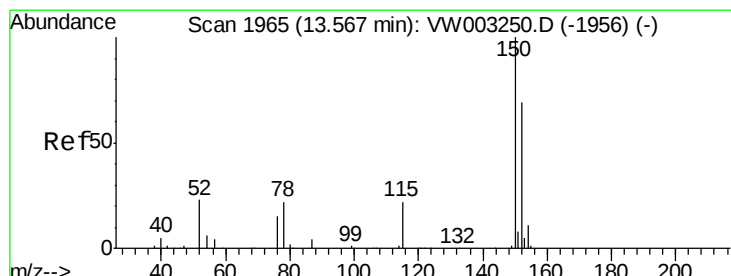
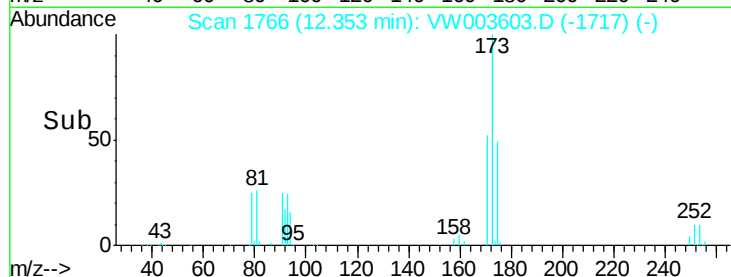
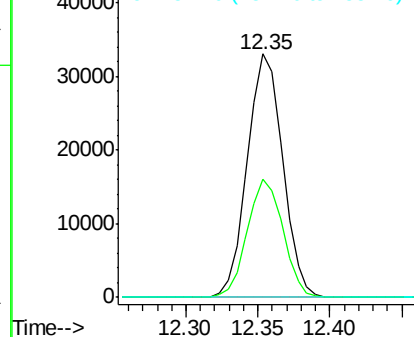
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW003603.D

Acq: 27 Jun 2018 10:24

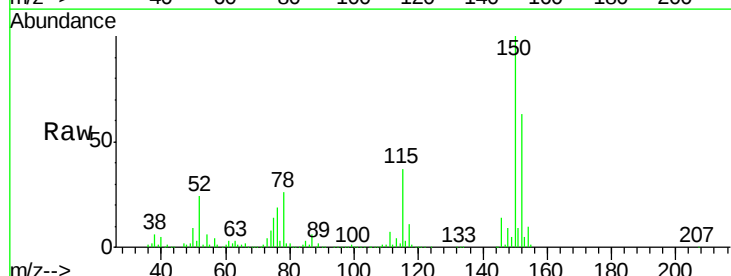
Tgt Ion:152 Resp: 169842

Ion Ratio Lower Upper

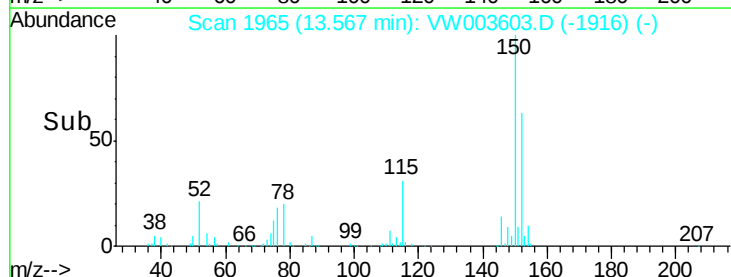
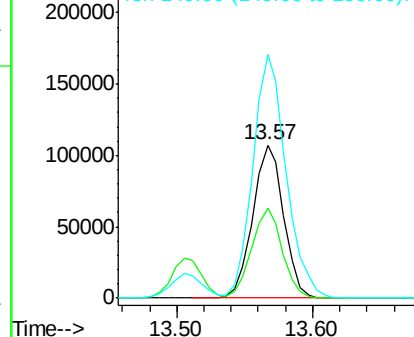
152 100

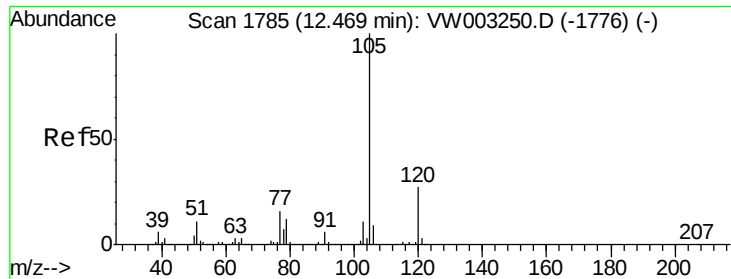
115 58.1 29.3 88.0

150 172.2 0.0 349.6



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





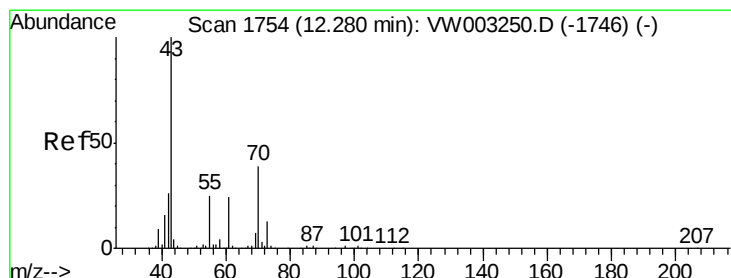
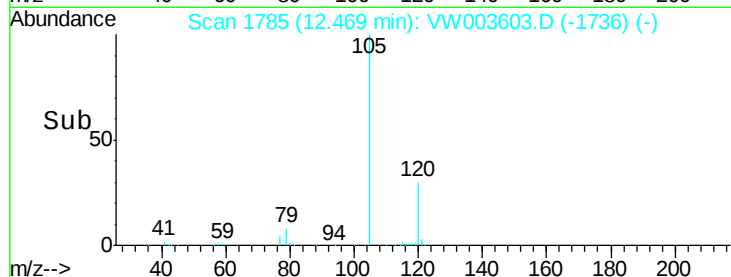
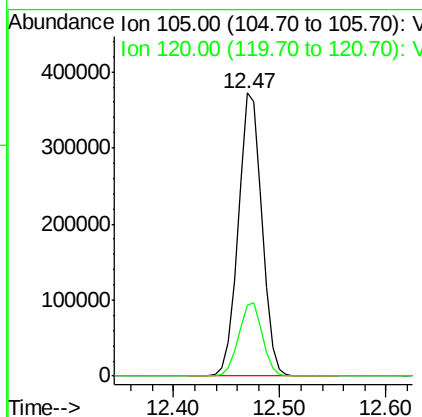
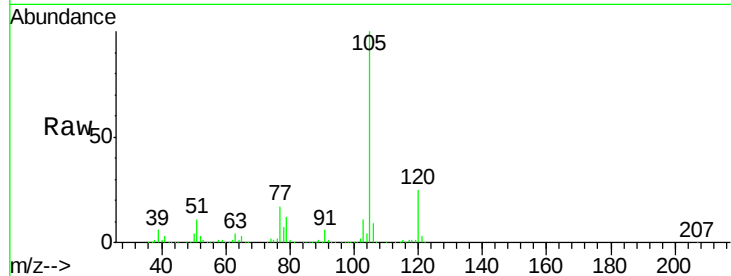
#73
Isopropylbenzene
Concen: 48.96 ug/l
RT: 12.47 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VW003603.D
Acq: 27 Jun 2018 10:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.1	13.2	39.6

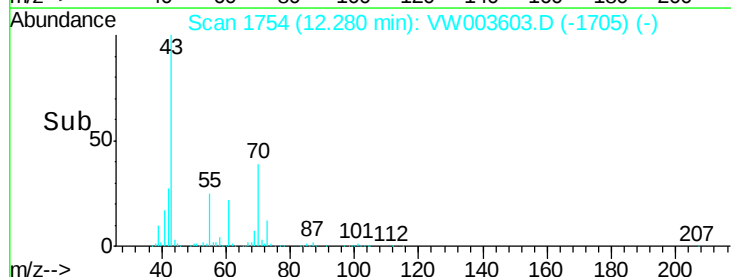
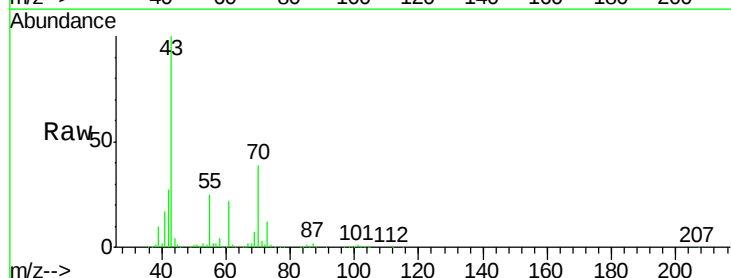
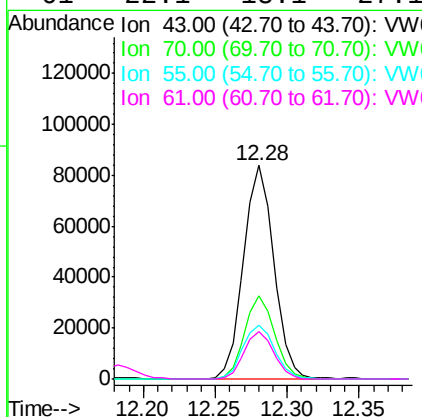
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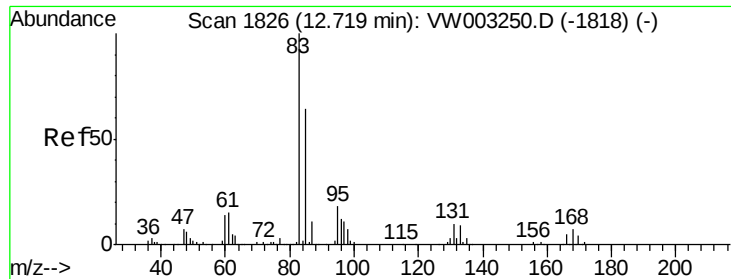
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#74
N-ethyl acetate
Concen: 45.65 ug/l
RT: 12.28 min Scan# 1754
Delta R.T. 0.00 min
Lab File: VW003603.D
Acq: 27 Jun 2018 10:24

Tgt Ion	Ratio	Lower	Upper
43	100		
70	38.7	31.0	46.6
55	26.9	19.7	29.5
61	22.1	18.1	27.1





#75

1,1,2,2-Tetrachloroethane

Concen: 47.68 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003603.D

Acq: 27 Jun 2018 10:24

Instrument :

MSVOA_W

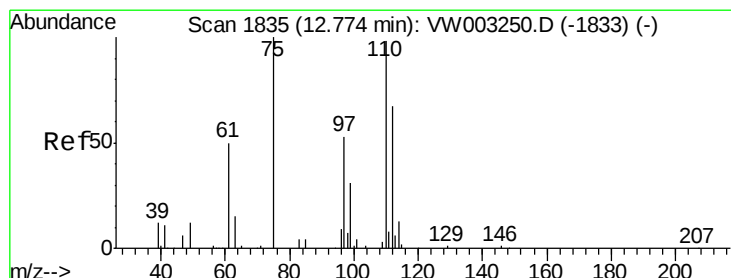
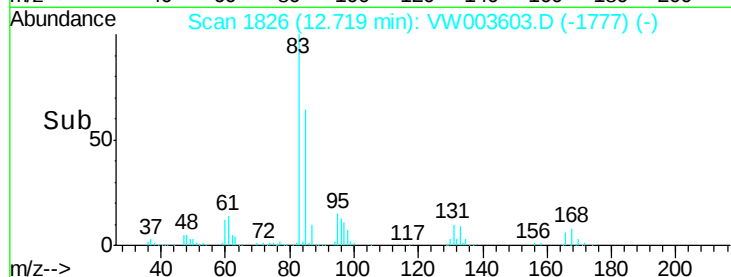
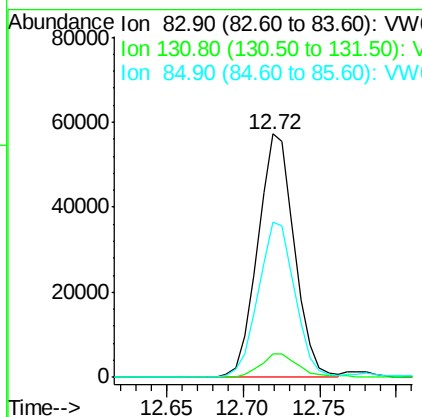
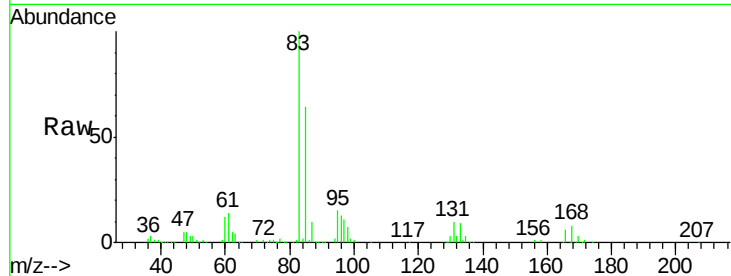
ClientSampled :

VSTDCCC050

Tot Ion:	83	Resp:	95284
Ion	Ratio	Lower	Upper
83	100		
131	10.2	5.4	16.2
85	63.9	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 48.26 ug/l m

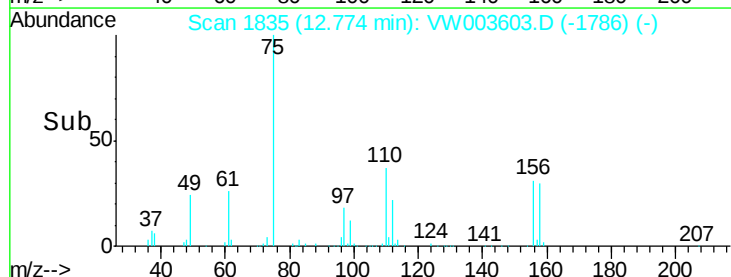
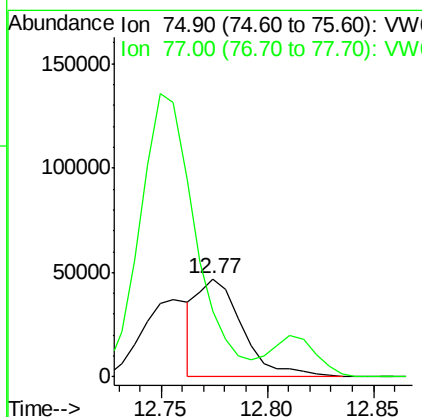
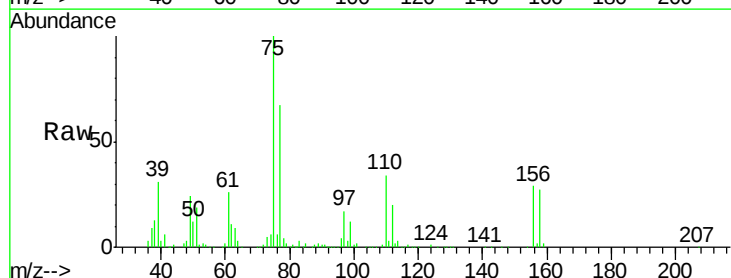
RT: 12.77 min Scan# 1835

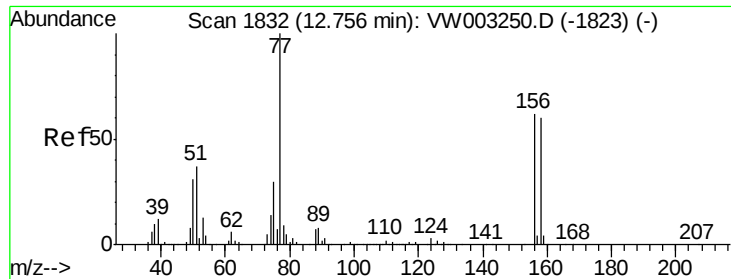
Delta R.T. 0.00 min

Lab File: VW003603.D

Acq: 27 Jun 2018 10:24

Tgt Ion:	75	Resp:	70070
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





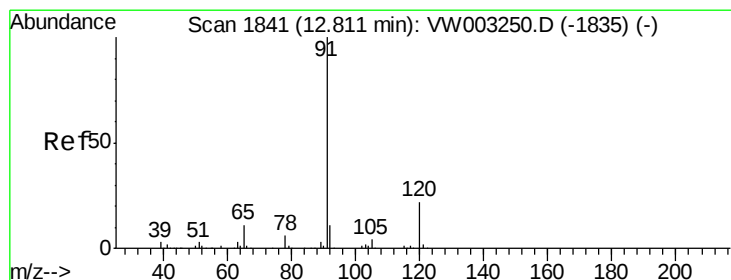
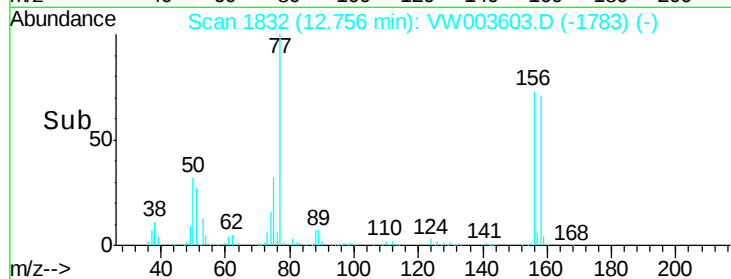
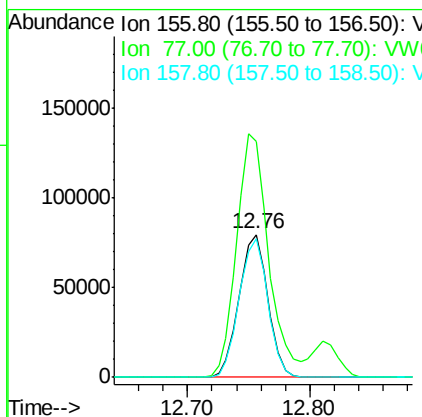
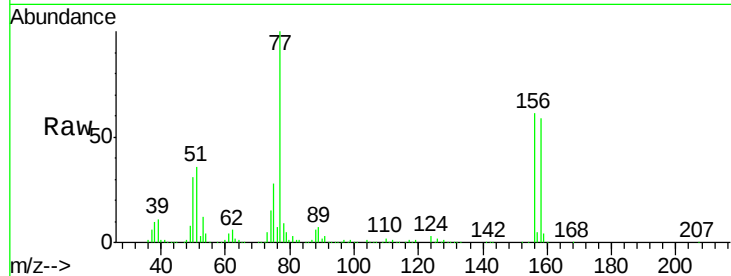
#77
Bromobenzene
Concen: 47.04 ug/l
RT: 12.76 min Scan# 1832
Delta R.T. 0.00 min
Lab File: VW003603.D
Acq: 27 Jun 2018 10:24

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	189.8	92.3	276.9
158	97.3	47.5	142.6

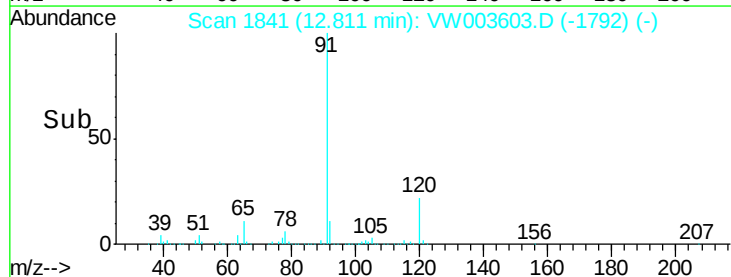
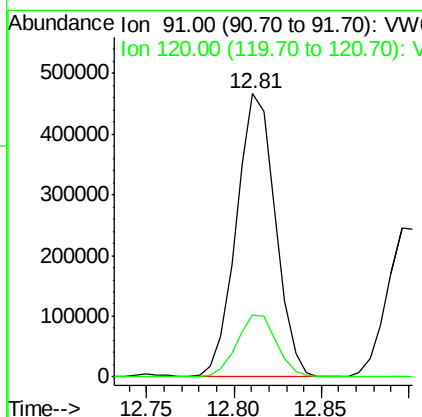
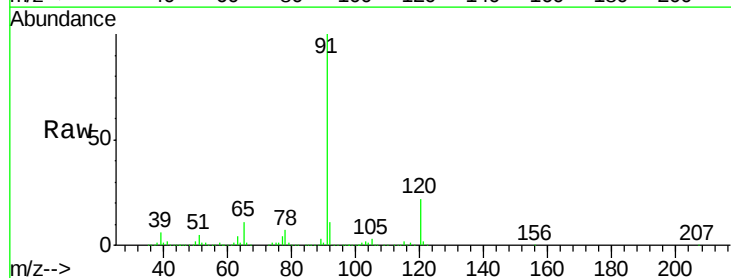
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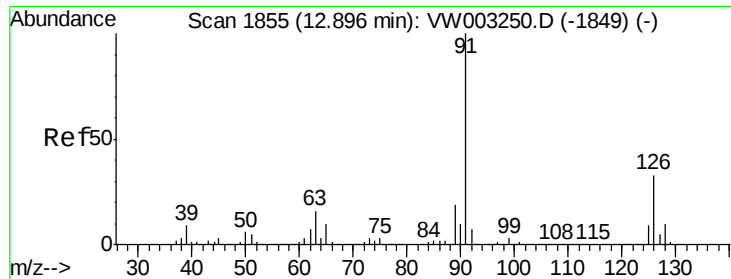
apatel
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#78
n-propylbenzene
Concen: 49.92 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VW003603.D
Acq: 27 Jun 2018 10:24

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.3	33.8





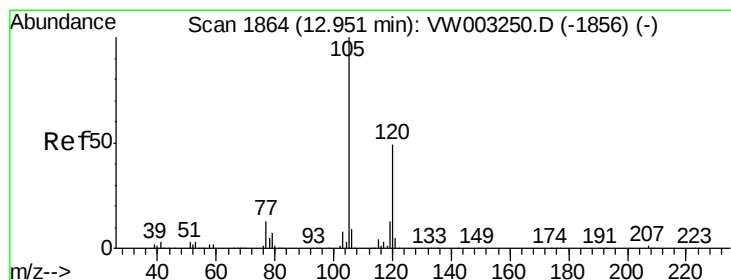
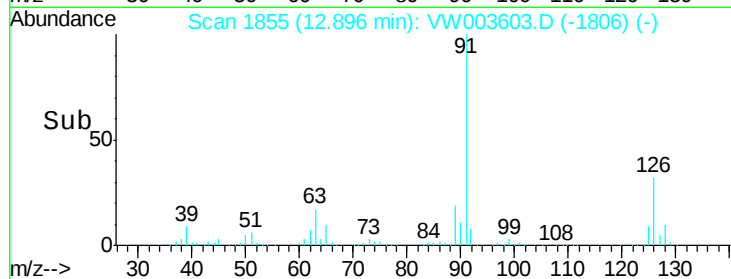
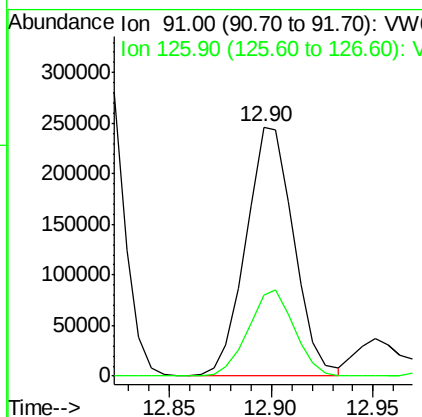
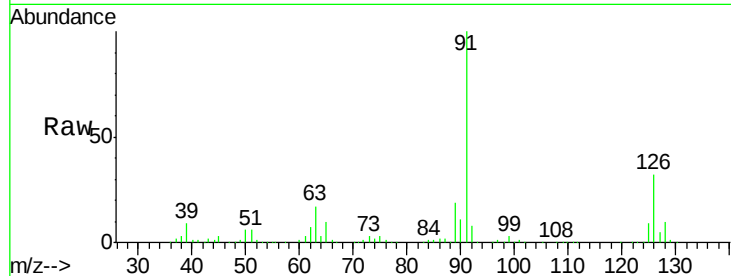
#79
 2-Chlorotoluene
 Concen: 49.09 ug/l
 RT: 12.90 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW003603.D
 Acq: 27 Jun 2018 10:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 401247
 Ion Ratio Lower Upper
 91 100
 126 33.4 16.8 50.4

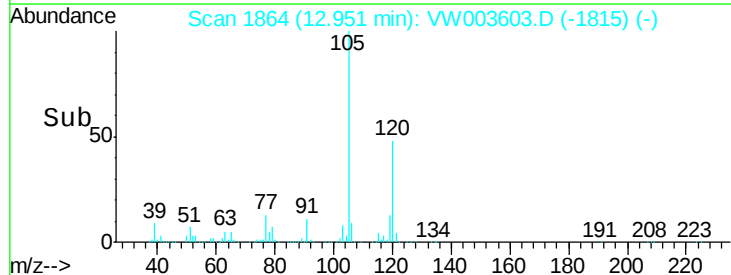
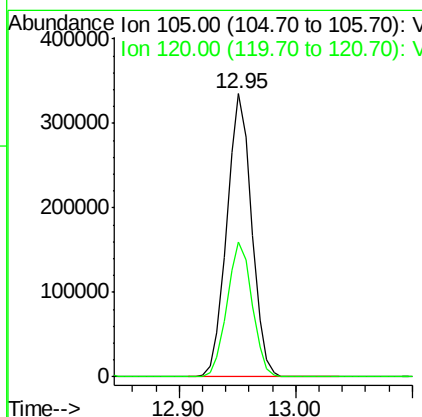
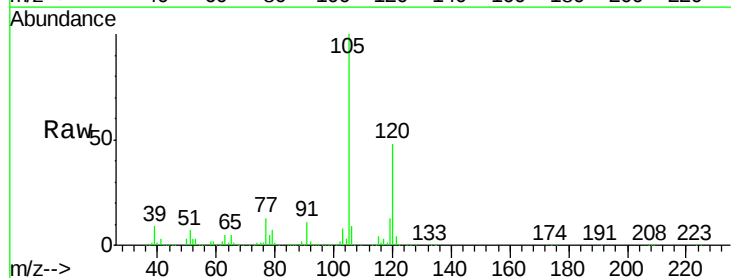
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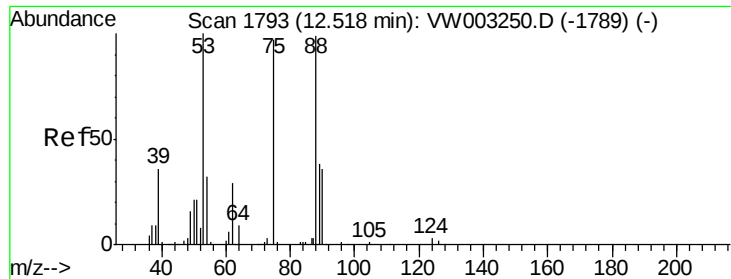
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#80
 1,3,5-Trimethylbenzene
 Concen: 49.88 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VW003603.D
 Acq: 27 Jun 2018 10:24

Tgt Ion: 105 Resp: 494579
 Ion Ratio Lower Upper
 105 100
 120 48.4 24.3 72.9





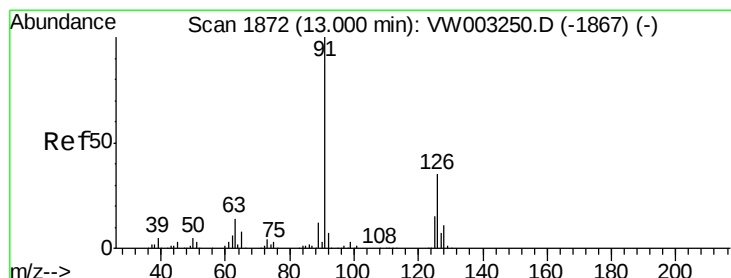
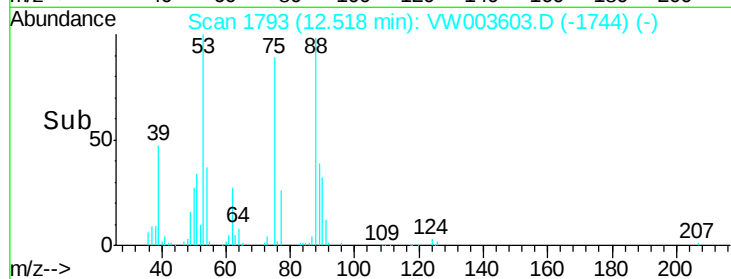
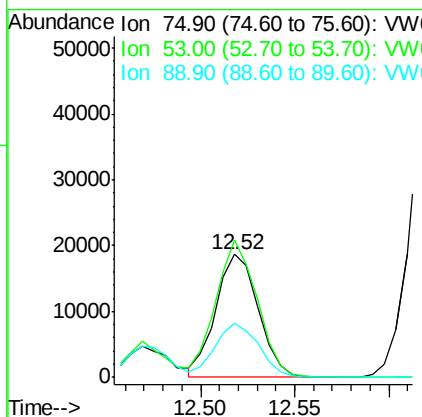
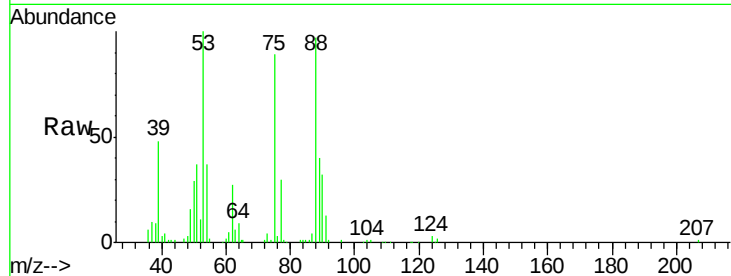
#81
trans-1,4-Dichloro-2-butene
Concen: 45.92 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VW003603.D
Acq: 27 Jun 2018 10:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	110.1	82.9	124.3
89	45.5	36.7	55.1

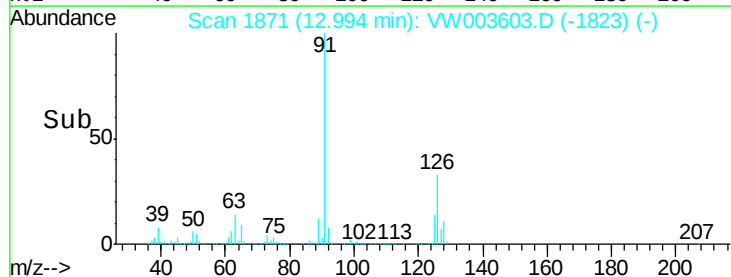
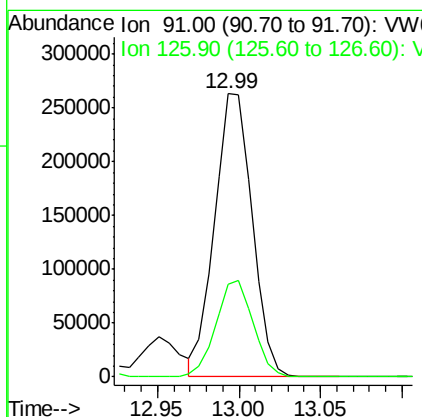
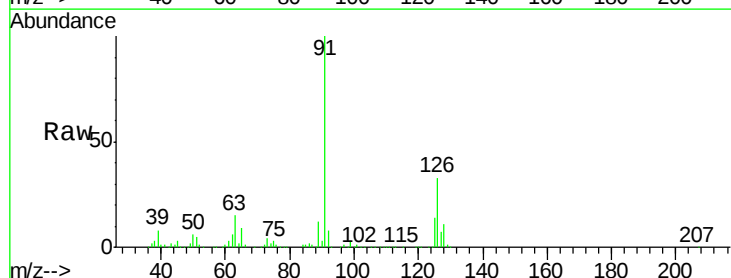
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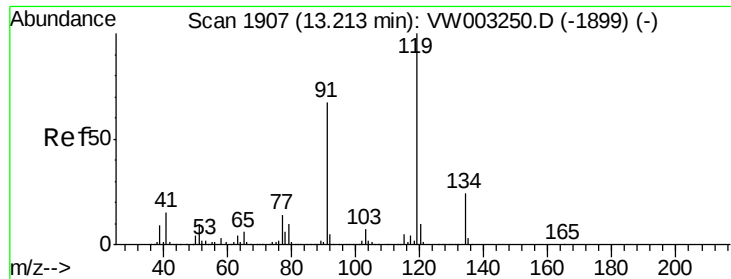
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#82
4-Chlorotoluene
Concen: 48.71 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. -0.01 min
Lab File: VW003603.D
Acq: 27 Jun 2018 10:24

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.8	16.8	50.3





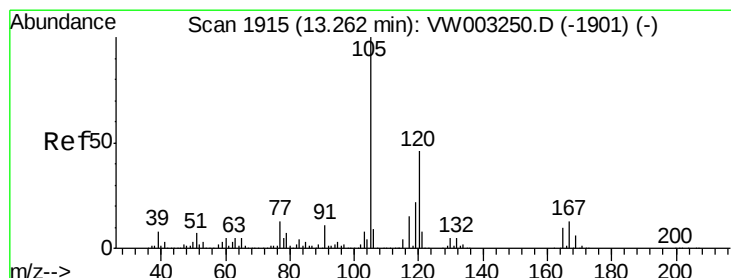
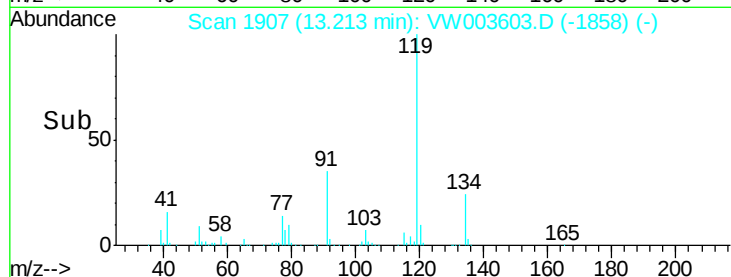
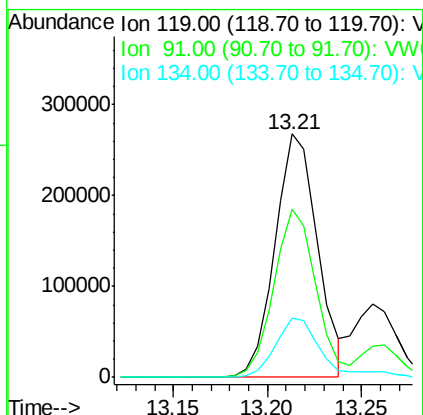
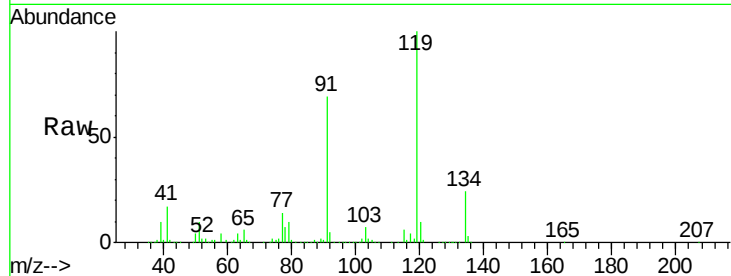
#83
 tert-Butylbenzene
 Concen: 49.47 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW003603.D
 Acq: 27 Jun 2018 10:24

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.7	33.9	101.7
134	26.7	13.4	40.1

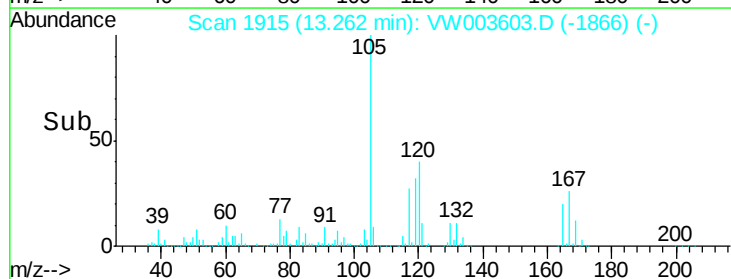
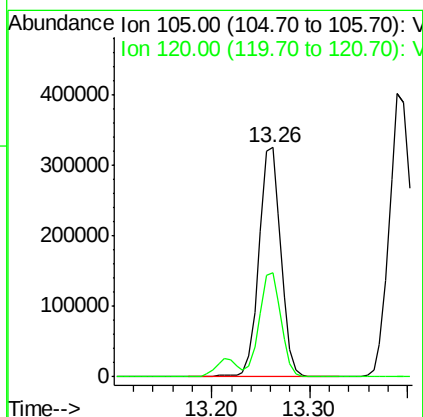
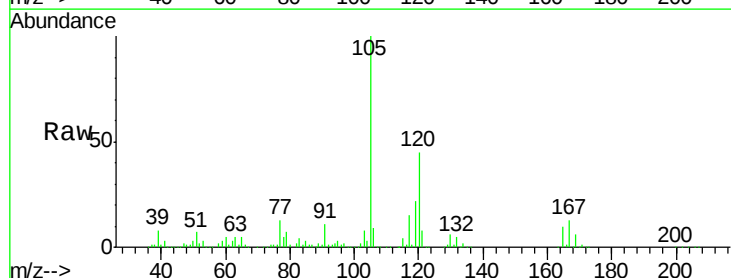
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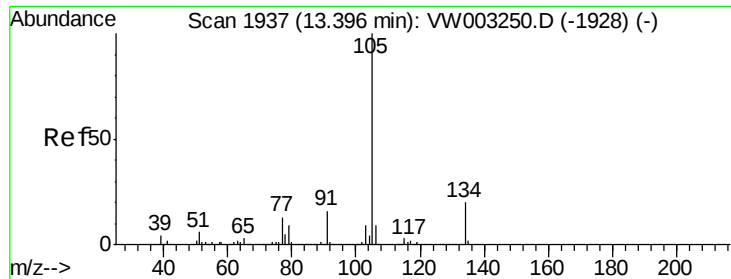
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#84
 1,2,4-Trimethylbenzene
 Concen: 49.76 ug/l
 RT: 13.26 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW003603.D
 Acq: 27 Jun 2018 10:24

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.5	67.5





#85

sec-Butylbenzene

Concen: 50.00 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. -0.01 min

Lab File: VW003603.D

Acq: 27 Jun 2018 10:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 628013

Ion Ratio Lower Upper

105 100

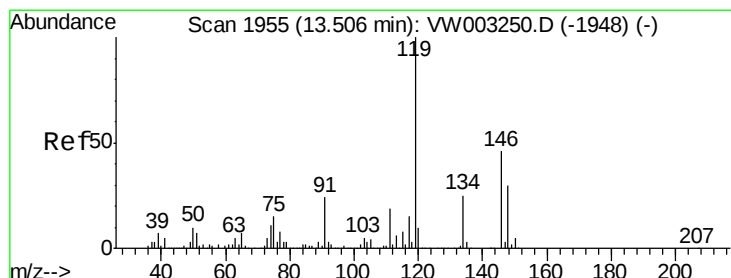
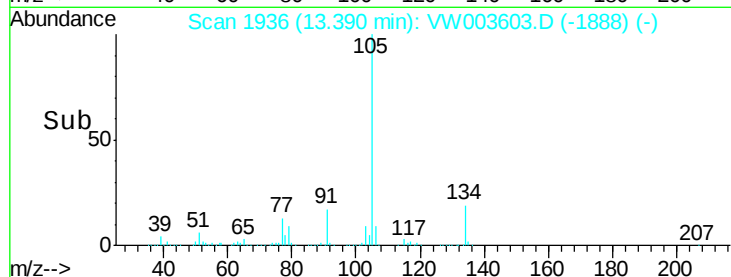
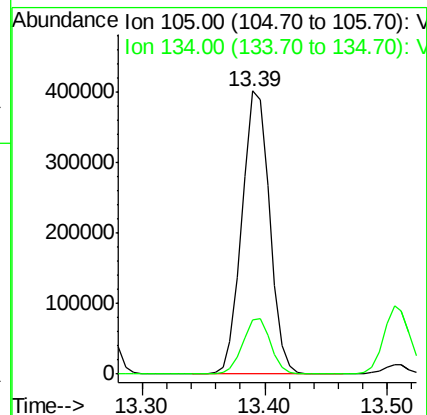
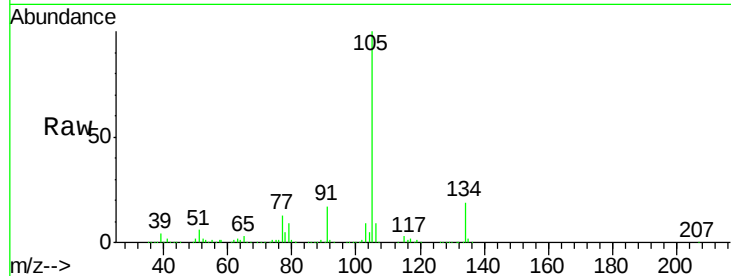
134 19.7 9.8 29.5

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 49.69 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW003603.D

Acq: 27 Jun 2018 10:24

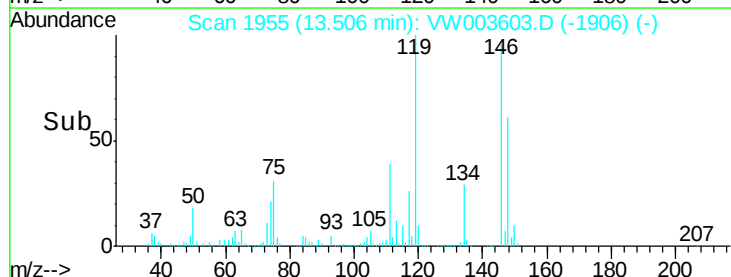
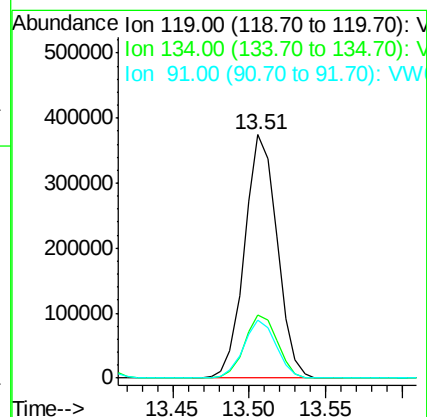
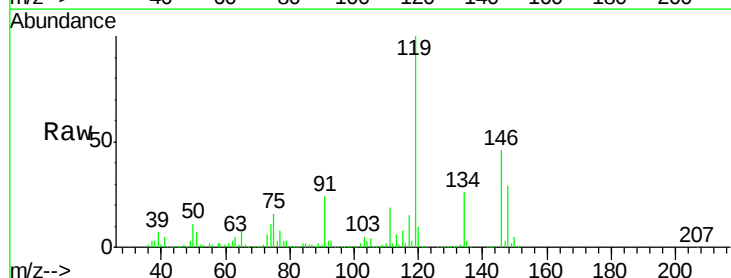
Tgt Ion:119 Resp: 550509

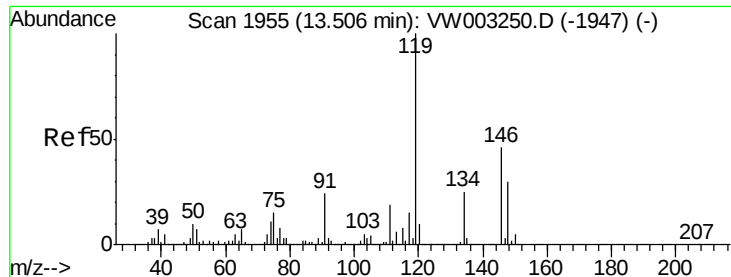
Ion Ratio Lower Upper

119 100

134 26.3 12.9 38.7

91 23.8 11.8 35.3





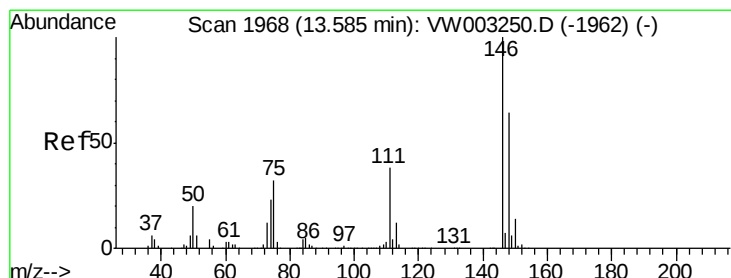
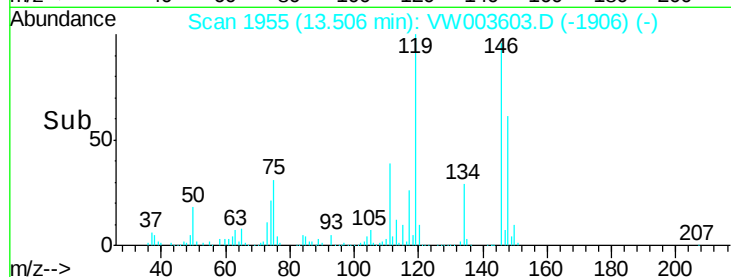
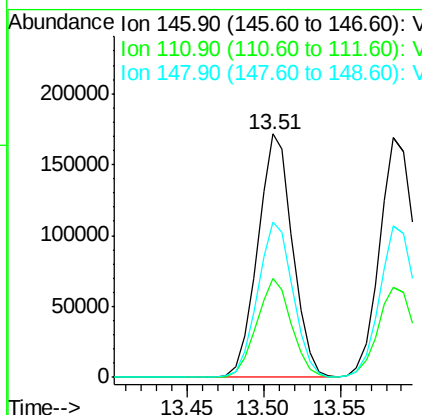
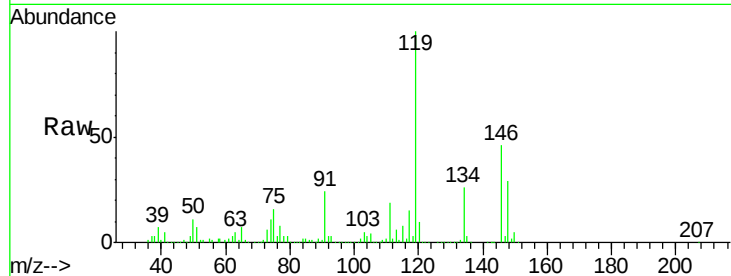
#87
 1,3-Dichlorobenzene
 Concen: 48.11 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003603.D
 Acq: 27 Jun 2018 10:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	19.8	59.4
148	64.6	32.1	96.5

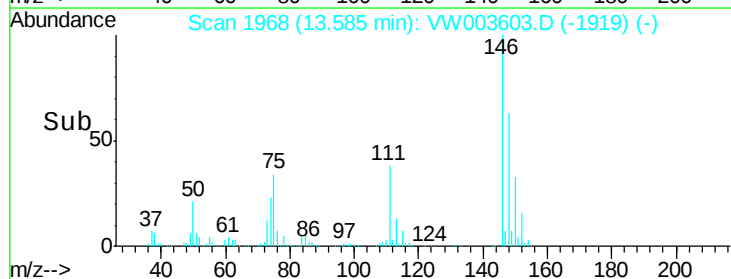
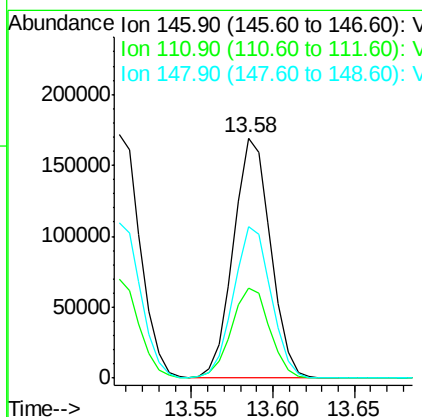
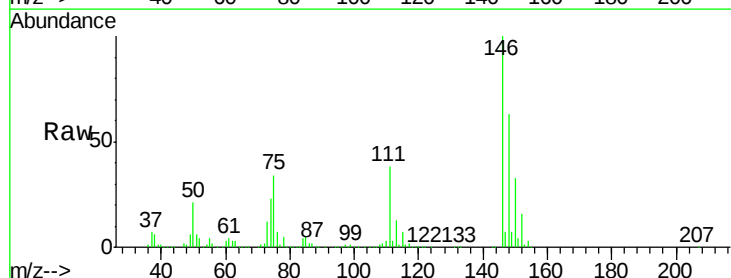
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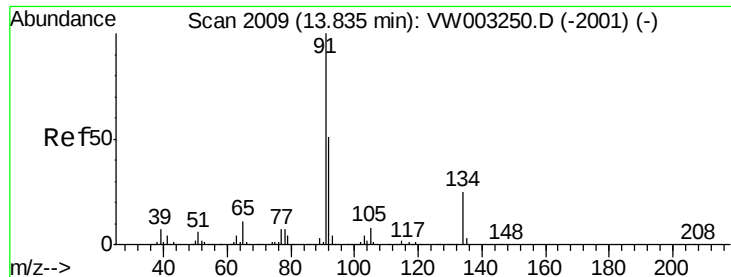
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#88
 1,4-Dichlorobenzene
 Concen: 47.76 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003603.D
 Acq: 27 Jun 2018 10:24

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.2	57.6
148	63.9	31.8	95.4





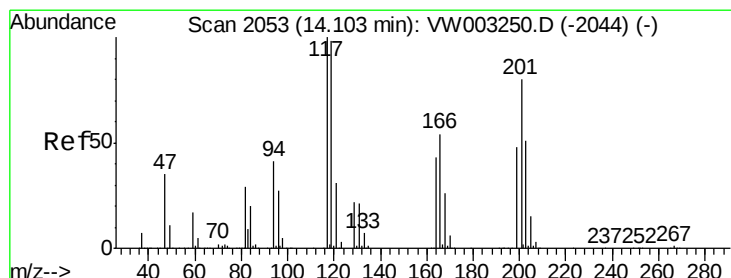
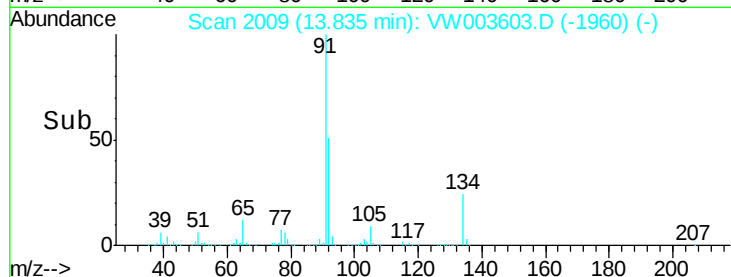
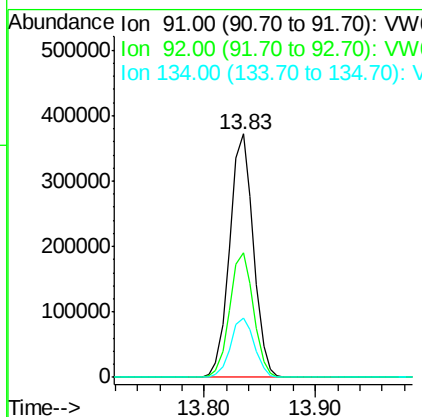
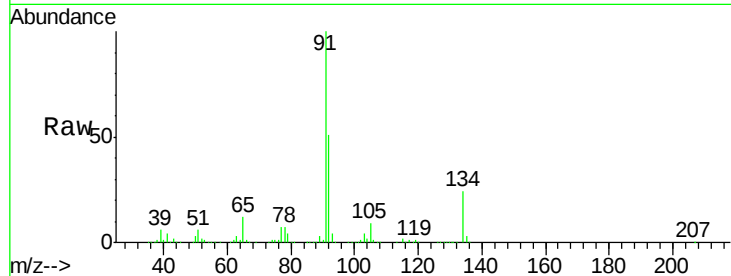
#89
n-Butylbenzene
Concen: 50.51 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. 0.00 min
Lab File: VW003603.D
Acq: 27 Jun 2018 10:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.6	26.0	78.0
134	24.7	12.7	38.0

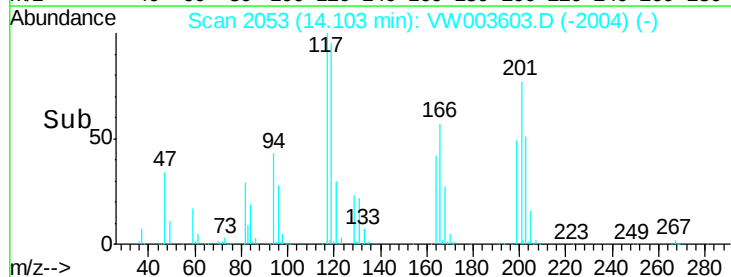
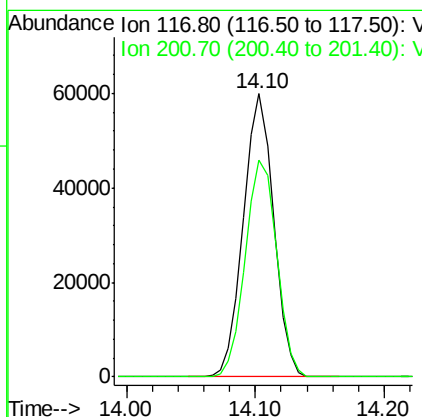
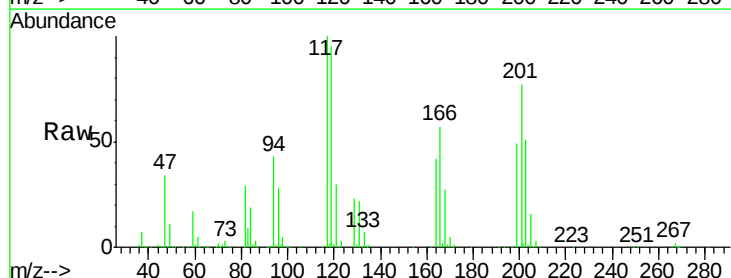
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#90
Hexachloroethane
Concen: 48.60 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VW003603.D
Acq: 27 Jun 2018 10:24

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.3	39.5	118.5





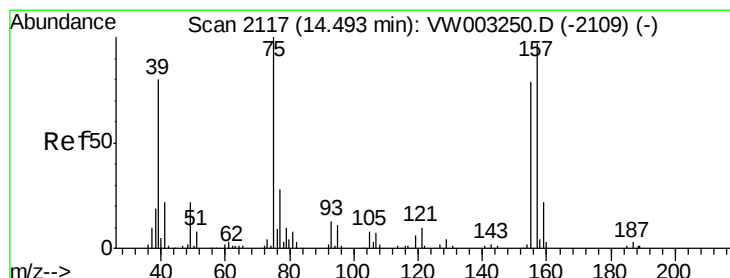
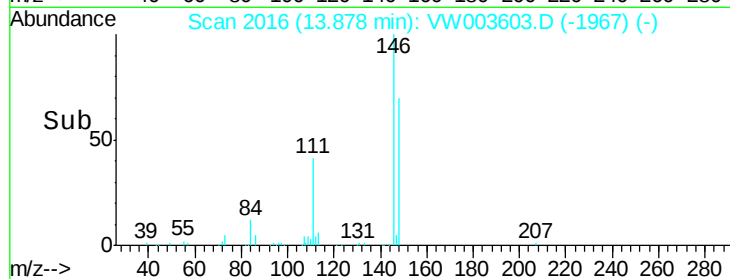
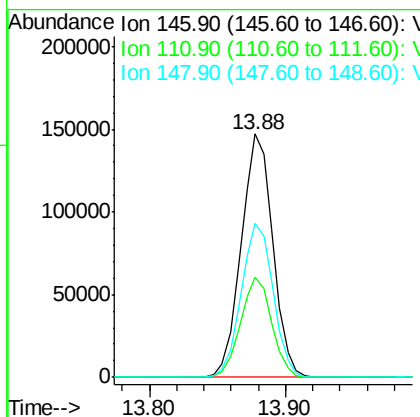
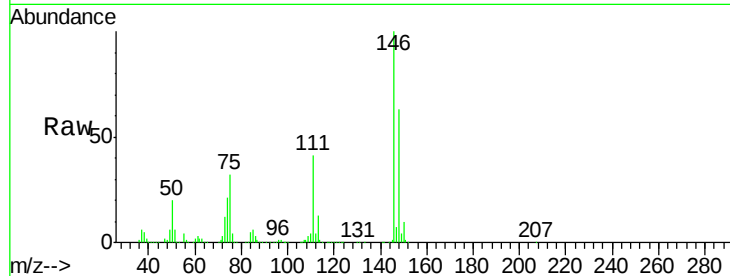
#91
 1,2-Dichlorobenzene
 Concen: 48.04 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003603.D
 Acq: 27 Jun 2018 10:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.3	61.0
148	63.9	32.3	96.9

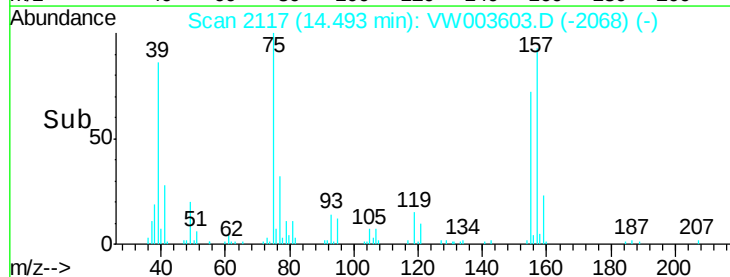
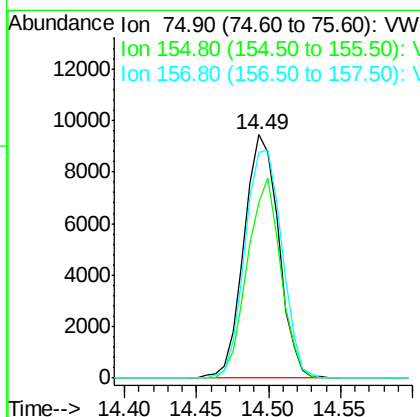
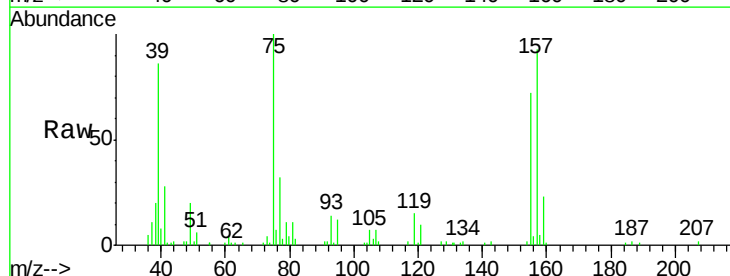
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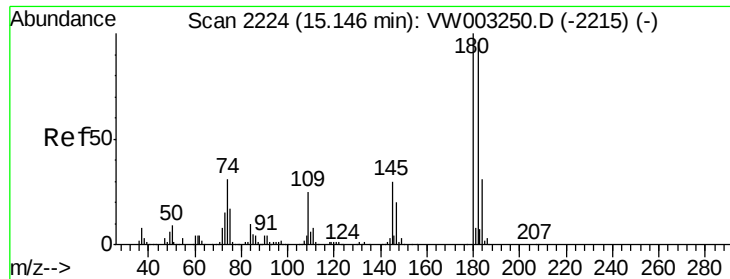
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.91 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW003603.D
 Acq: 27 Jun 2018 10:24

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.3	39.4	118.2
157	99.4	51.5	154.5





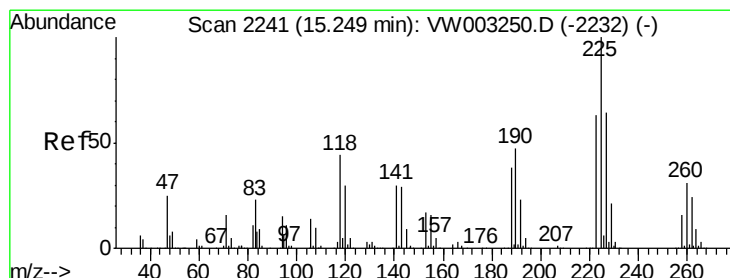
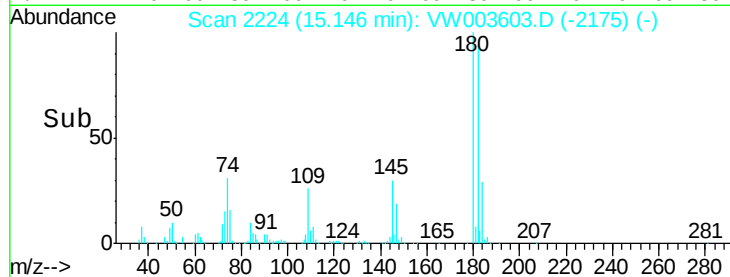
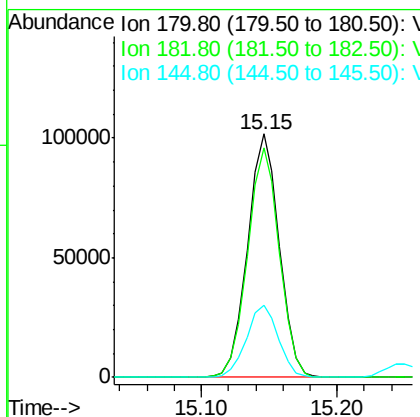
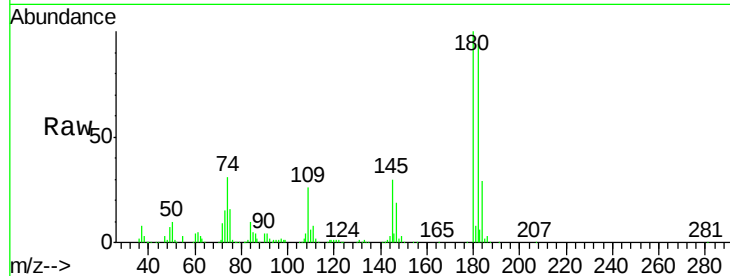
#93
 1,2,4-Trichlorobenzene
 Concen: 47.62 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003603.D
 Acq: 27 Jun 2018 10:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	165511		
182	94.6	47.9	143.6	
145	30.0	15.2	45.5	

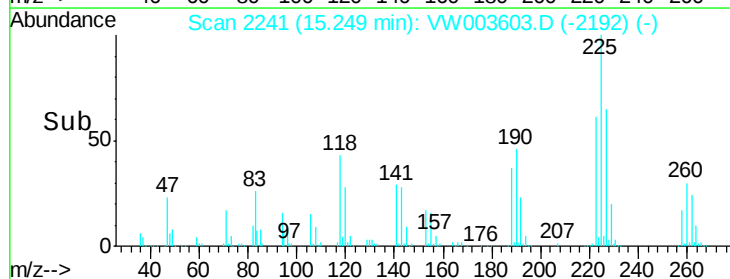
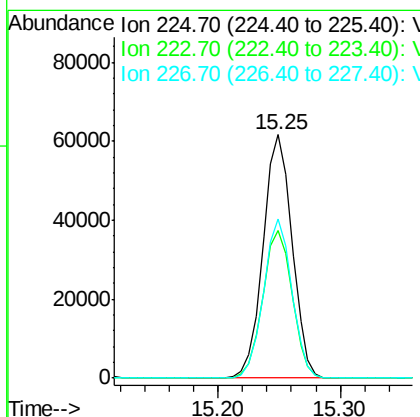
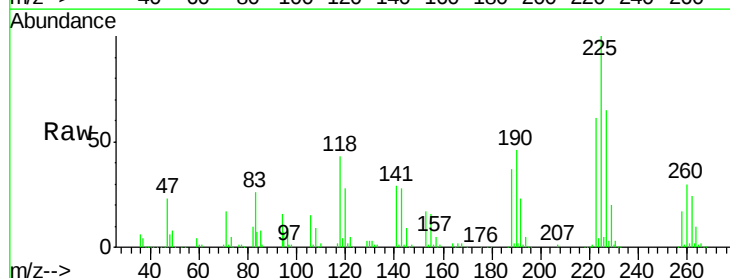
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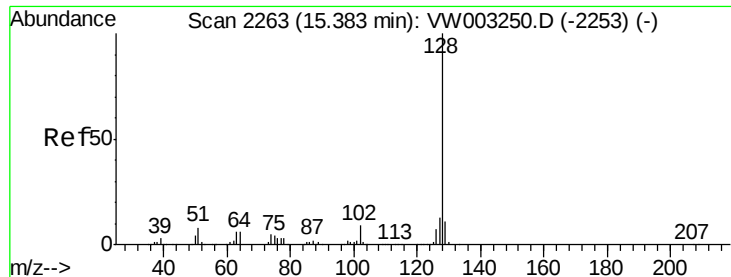
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#94
 Hexachlorobutadiene
 Concen: 48.71 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW003603.D
 Acq: 27 Jun 2018 10:24

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	101839		
223	61.9	30.6	92.0	
227	63.8	31.7	95.1	





#95

Naphthalene

Concen: 47.14 ug/l

RT: 15.38 min Scan# 2263

Delta R.T. 0.00 min

Lab File: VW003603.D

Acq: 27 Jun 2018 10:24

Instrument :

MSVOA_W

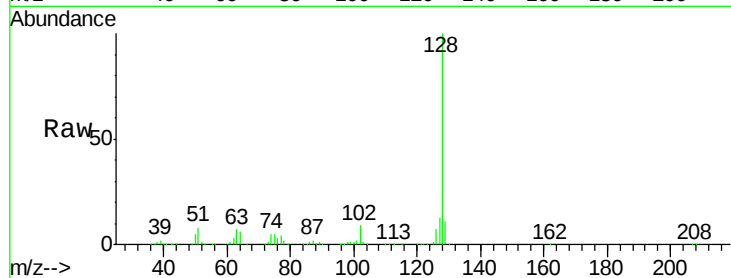
ClientSampleId :

VSTDCCC050

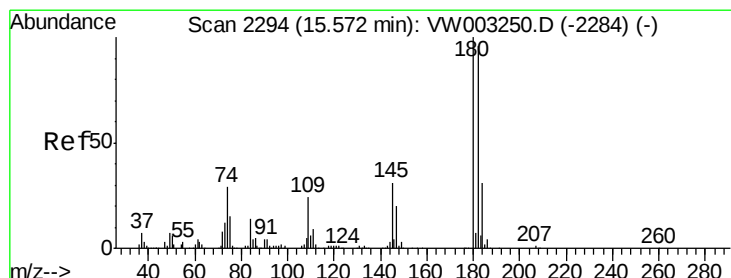
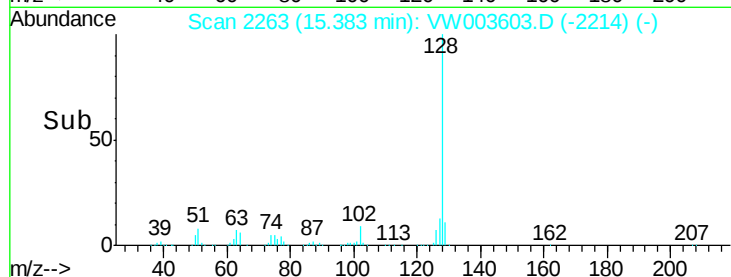
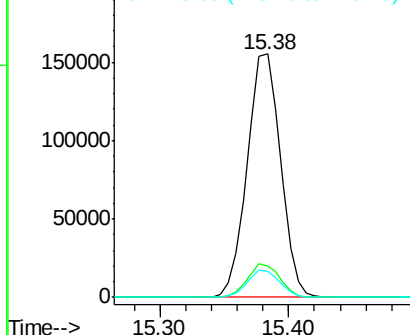
Tot Ion:	128	Resp:	277908
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.5	15.7
129	10.8	8.9	13.3

Manual Integrations
APPROVED

apatel
6/28/2018 12:35:11 PM



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 47.58 ug/l

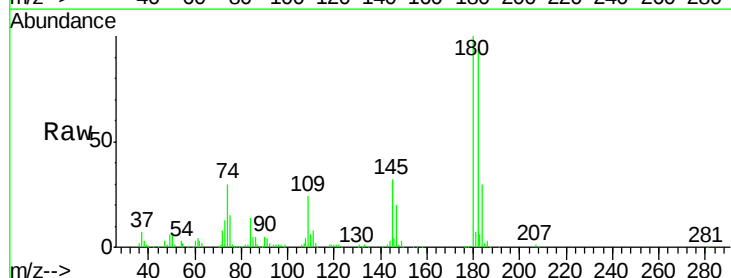
RT: 15.57 min Scan# 2294

Delta R.T. 0.00 min

Lab File: VW003603.D

Acq: 27 Jun 2018 10:24

Tgt Ion:	180	Resp:	145542
Ion Ratio	Lower	Upper	
180	100		
182	93.3	47.9	143.6
145	31.6	15.8	47.4



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

