

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062918\
 Data File : VW003654.D
 Acq On : 29 Jun 2018 12:08
 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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apatel
 7/2/2018 10:23:13 AM

Quant Time: Jun 30 03:50:32 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	223840	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	345809	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	321630	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	172959	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	125157	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	
35) Dibromofluoromethane	7.88	113	112889	52.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.08%	
50) Toluene-d8	10.33	98	449551	52.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.52%	
62) 4-Bromofluorobenzene	12.62	95	163665	54.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	32250	47.66	ug/l	92
3) Chloromethane	2.21	50	72678	42.51	ug/l	96
4) Vinyl Chloride	2.36	62	109002	43.73	ug/l	99
5) Bromomethane	2.78	94	67484	40.73	ug/l	93
6) Chloroethane	2.92	64	71493	41.21	ug/l	96
7) Trichlorofluoromethane	3.25	101	69481	46.53	ug/l	99
8) Diethyl Ether	3.67	74	52847	48.18	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	103889	50.10	ug/l	98
10) Methyl Iodide	4.26	142	149879	47.80	ug/l	99
11) Tert butyl alcohol	5.25	59	28362	218.12	ug/l #	95
12) 1,1-Dichloroethene	4.03	96	98227	48.48	ug/l	99
13) Acrolein	3.90	56	38195	205.45	ug/l	95
14) Allyl chloride	4.66	41	177780	50.65	ug/l	98
15) Acrylonitrile	5.38	53	113457	251.39	ug/l	98
16) Acetone	4.15	43	134327	264.16	ug/l	99
17) Carbon Disulfide	4.37	76	274525	45.83	ug/l	99
18) Methyl Acetate	4.68	43	63468	52.61	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	194159	51.16	ug/l	99
20) Methylene Chloride	4.91	84	111896	51.94	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	110395	50.06	ug/l	98
22) Diisopropyl ether	6.31	45	377394	53.42	ug/l	99
23) Vinyl Acetate	6.26	43	1036836	254.70	ug/l	99
24) 1,1-Dichloroethane	6.21	63	218135	52.02	ug/l	98
25) 2-Butanone	7.18	43	164809	260.65	ug/l	97
26) 2,2-Dichloropropane	7.17	77	137961	49.29	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	124545	51.41	ug/l	99
28) Bromochloromethane	7.51	49	96392	55.24	ug/l	98
29) Tetrahydrofuran	7.54	42	97330	251.86	ug/l	99
30) Chloroform	7.68	83	224301	52.50	ug/l	98
31) Cyclohexane	7.95	56	183150	46.75	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	178843	50.71	ug/l	99
36) 1,1-Dichloropropene	8.08	75	170998	51.20	ug/l	99
37) Ethyl Acetate	7.26	43	67272	48.62	ug/l	100
38) Carbon Tetrachloride	8.07	117	168616	51.47	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	197456	51.10	ug/l	99
40) Benzene	8.32	78	483799	52.56	ug/l	100
41) Methacrylonitrile	7.49	41	44199	52.06	ug/l	99
42) 1,2-Dichloroethane	8.40	62	148602	51.52	ug/l	100
43) Isopropyl Acetate	8.43	43	136949	49.85	ug/l	99
44) Trichloroethene	9.09	130	123672	50.70	ug/l	98
45) 1,2-Dichloropropane	9.37	63	124871	53.28	ug/l	99
46) Dibromomethane	9.46	93	62116	51.76	ug/l	98
47) Bromodichloromethane	9.65	83	161833	52.61	ug/l	99
48) Methyl methacrylate	9.44	41	67092	51.97	ug/l	97
49) 1,4-Dioxane	9.49	88	16524	911.99	ug/l	78
51) 4-Methyl-2-Pentanone	10.21	43	365134	260.84	ug/l	100
52) Toluene	10.39	92	308861	52.32	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	164385	52.32	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	189702	53.05	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	88415	52.29	ug/l	98
56) Ethyl methacrylate	10.65	69	108909	53.04	ug/l	97
57) 1,3-Dichloropropane	10.94	76	155314	53.26	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	247818	269.22	ug/l	98
59) 2-Hexanone	10.98	43	267075	273.11	ug/l	99
60) Dibromochloromethane	11.13	129	106432	52.93	ug/l	100
61) 1,2-Dibromoethane	11.24	107	82390	51.51	ug/l	99
64) Tetrachloroethene	10.87	164	107573	50.01	ug/l	96
65) Chlorobenzene	11.66	112	341793	51.03	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	121917	51.80	ug/l	99
67) Ethyl Benzene	11.74	91	621111	52.32	ug/l	99
68) m/p-Xylenes	11.85	106	475901	105.45	ug/l	98
69) o-Xylene	12.17	106	219574	52.50	ug/l	98
70) Styrene	12.19	104	376840	54.13	ug/l	99
71) Bromoform	12.35	173	61785	50.65	ug/l	# 100
73) Isopropylbenzene	12.47	105	628013	52.20	ug/l	100
74) N-amyl acetate	12.28	43	136376	49.81	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	103036	50.63	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	72824m	49.25	ug/l	
77) Bromobenzene	12.76	156	141685	50.57	ug/l	97
78) n-propylbenzene	12.81	91	779207	52.90	ug/l	100
79) 2-Chlorotoluene	12.90	91	433134	52.03	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	533757	52.86	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	31124	48.44	ug/l	96
82) 4-Chlorotoluene	12.99	91	456583	51.70	ug/l	99
83) tert-Butylbenzene	13.21	119	451605	52.48	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	546986	52.66	ug/l	100
85) sec-Butylbenzene	13.39	105	670064	52.39	ug/l	100
86) p-Isopropyltoluene	13.51	119	591409	52.42	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	293674	51.03	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	289931	50.67	ug/l	100
89) n-Butylbenzene	13.84	91	578162	52.57	ug/l	100
90) Hexachloroethane	14.10	117	106695	52.28	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	259203	51.41	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	16877	49.28	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	180469	50.99	ug/l	99
94) Hexachlorobutadiene	15.25	225	106403	49.98	ug/l	97
95) Naphthalene	15.38	128	306567	51.06	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	157223	50.47	ug/l	99

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

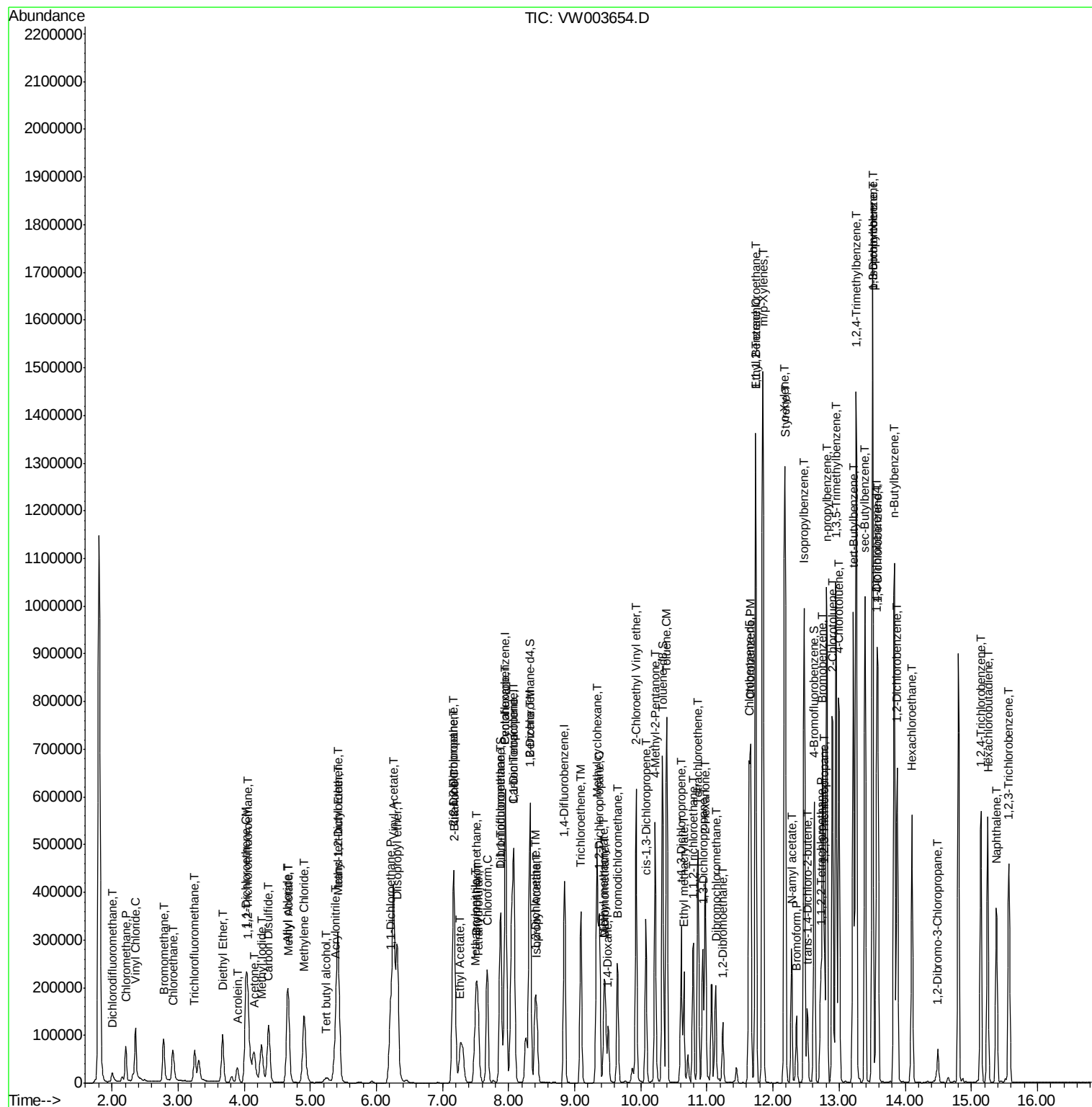
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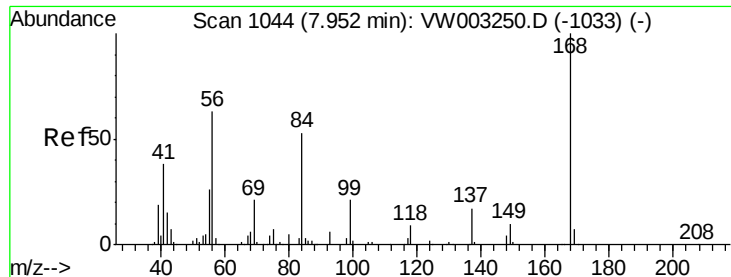
Instrument :
 MSVOA_W
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003654.D

Acq: 29 Jun 2018 12:08

Instrument :

MSVOA_W

ClientSampleID :

VSTDCCC050

Tot Ion:168 Resp: 223840

Ion Ratio Lower Upper

168 100

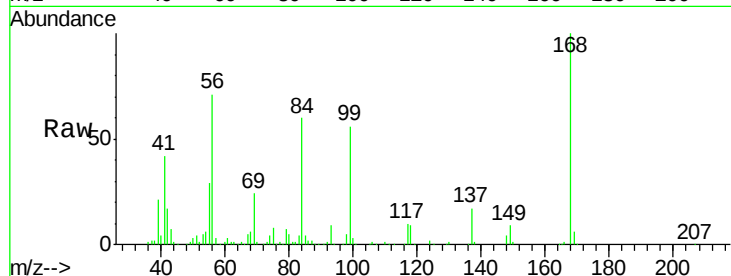
99 56.0 45.5 68.3

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

120000

100000

80000

60000

40000

20000

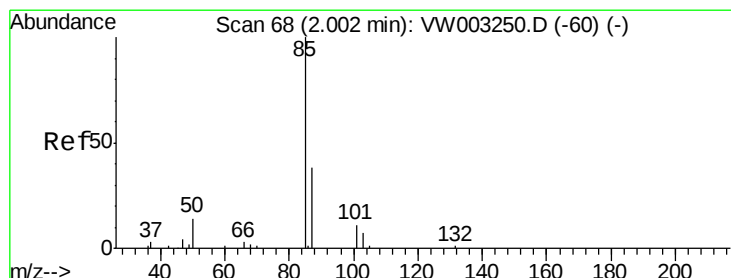
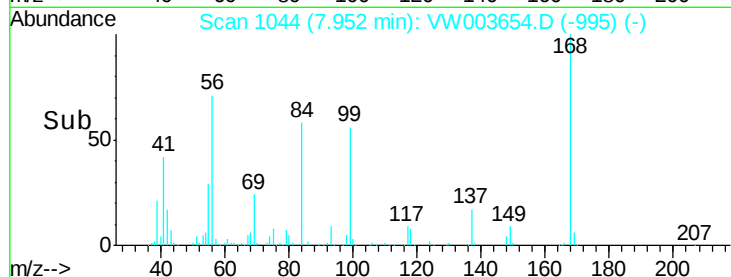
0

7.90

8.00

8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 47.66 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW003654.D

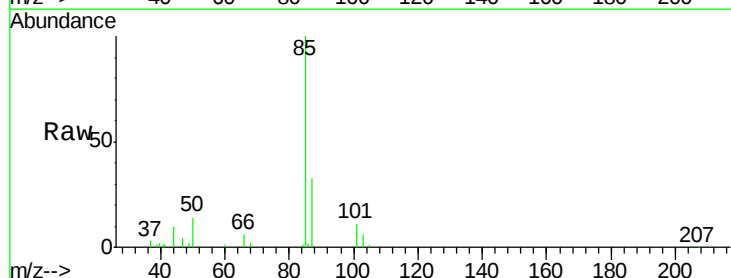
Acq: 29 Jun 2018 12:08

Tgt Ion: 85 Resp: 32250

Ion Ratio Lower Upper

85 100

87 33.0 18.9 56.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

12000

10000

8000

6000

4000

2000

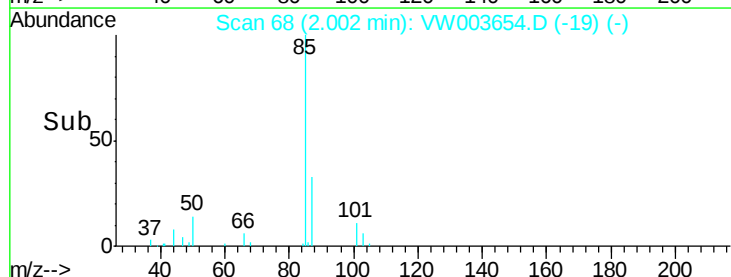
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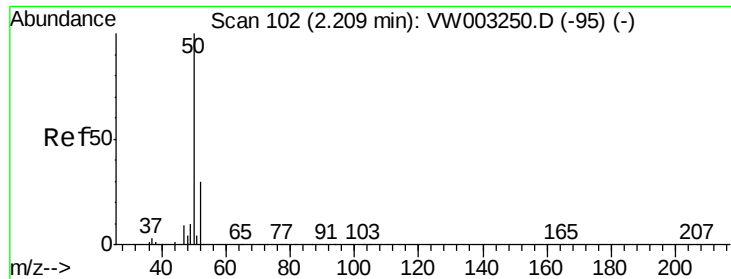
1.90

2.00

2.10

Time-->





#3

Chloromethane

Concen: 42.51 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003654.D

Acq: 29 Jun 2018 12:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 72678

Ion Ratio Lower Upper

50 100

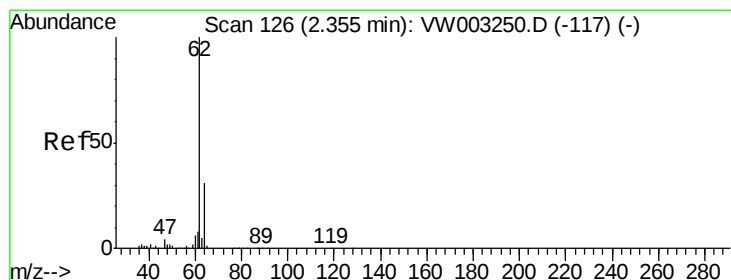
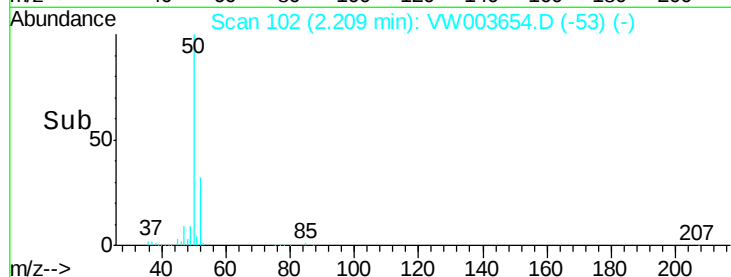
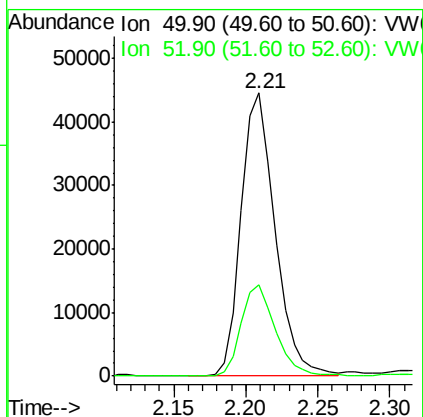
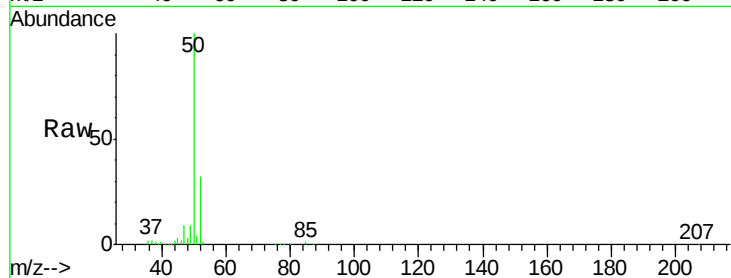
52 32.6 24.2 36.2

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#4

Vinyl Chloride

Concen: 43.73 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003654.D

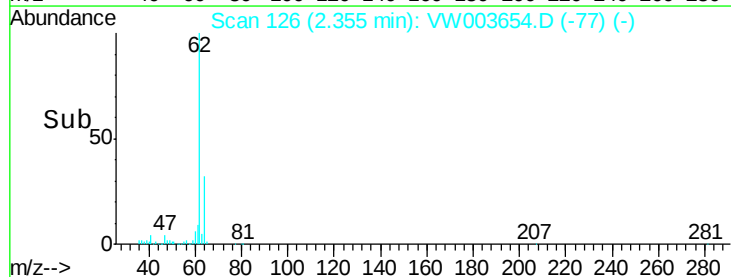
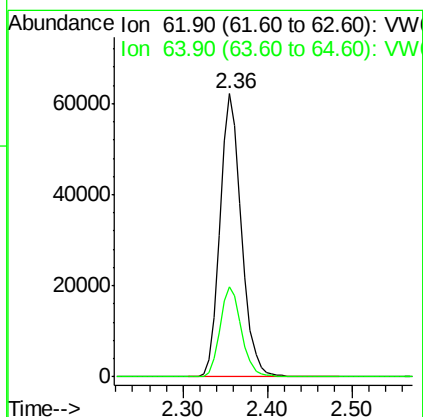
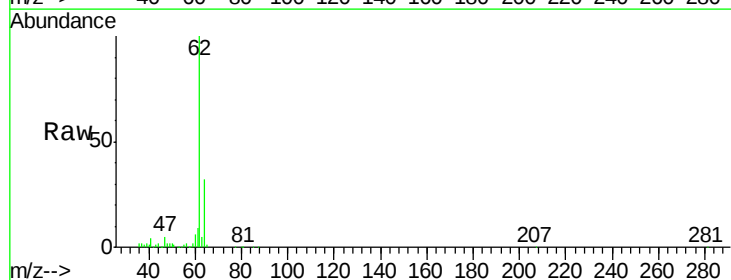
Acq: 29 Jun 2018 12:08

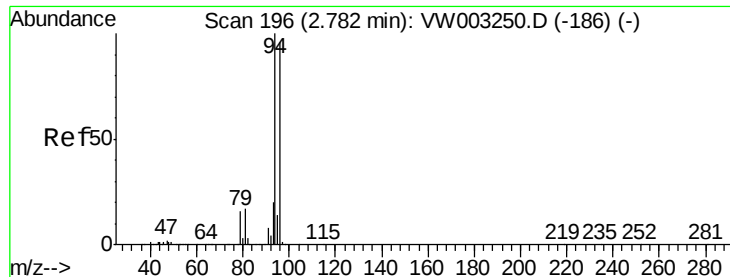
Tgt Ion: 62 Resp: 109002

Ion Ratio Lower Upper

62 100

64 31.8 24.9 37.3





#5

Bromomethane

Concen: 40.73 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VW003654.D

Acq: 29 Jun 2018 12:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 67484

Ion Ratio Lower Upper

94 100

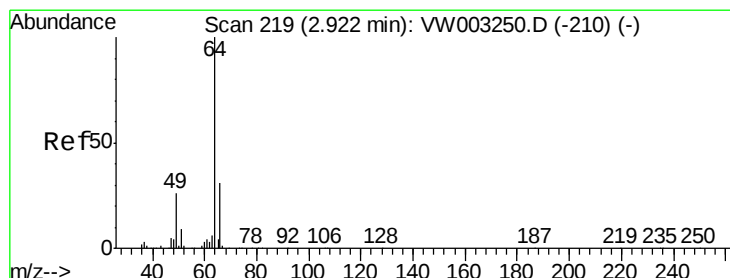
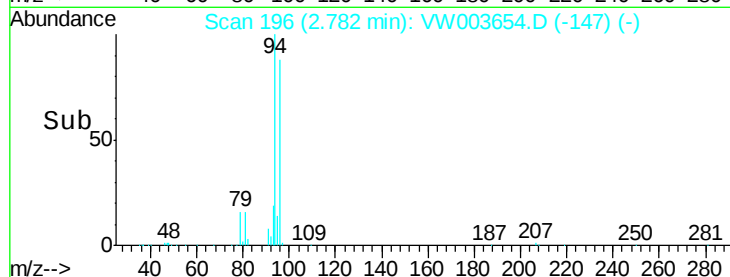
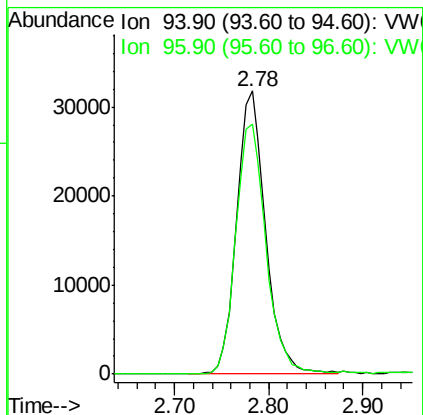
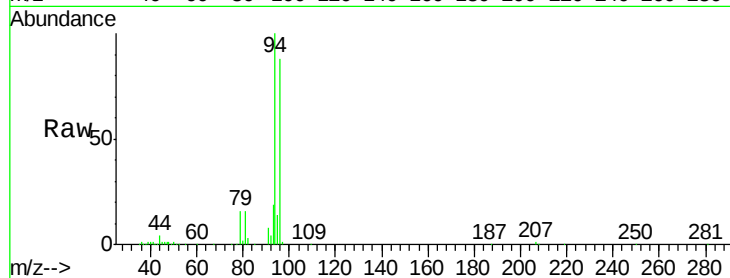
96 88.4 76.5 114.7

Manual Integrations

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#6

Chloroethane

Concen: 41.21 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW003654.D

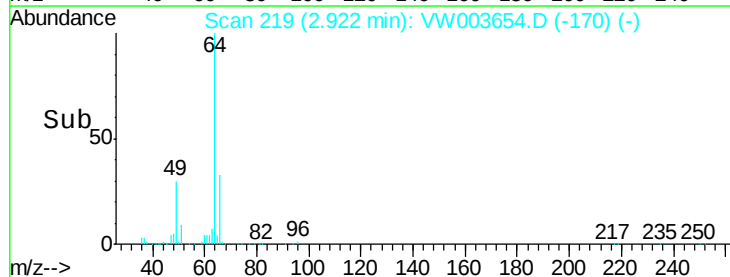
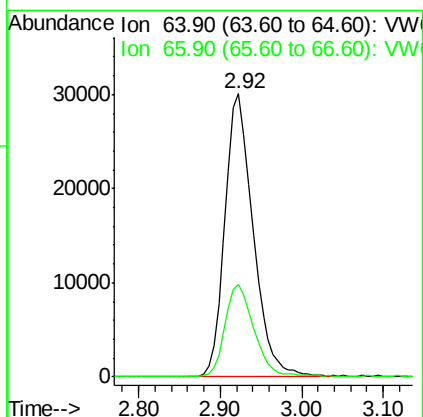
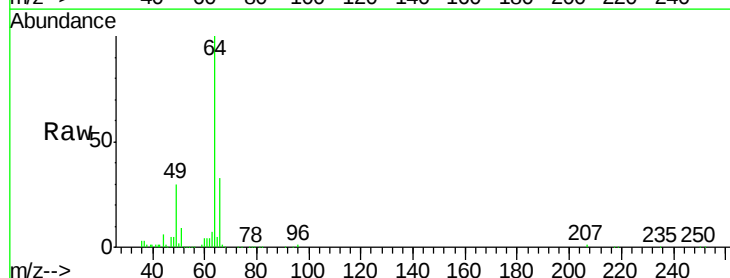
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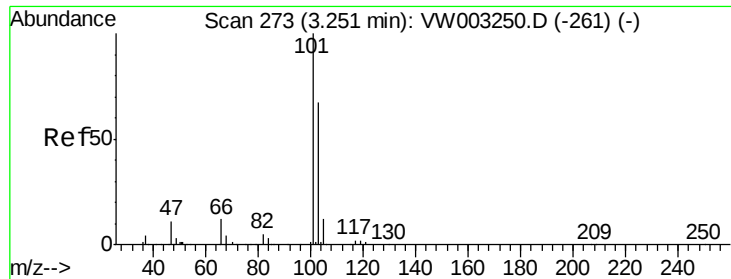
Tgt Ion: 64 Resp: 71493

Ion Ratio Lower Upper

64 100

66 32.8 24.4 36.6





#7

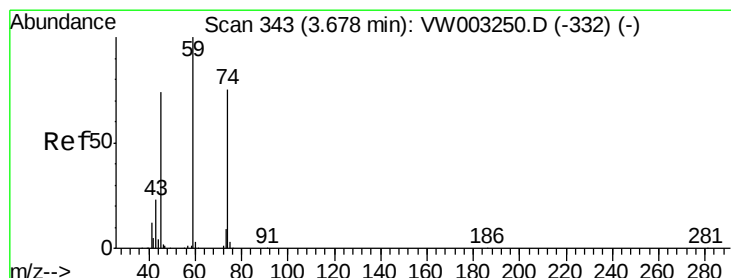
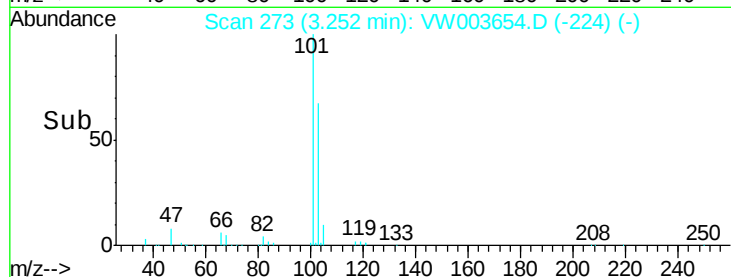
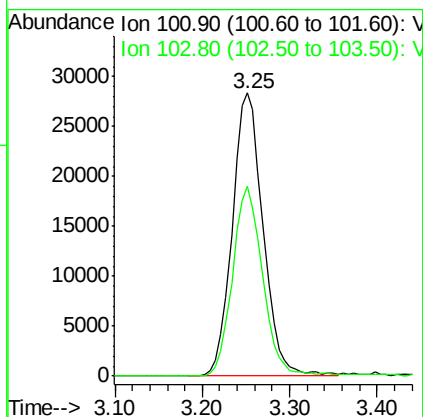
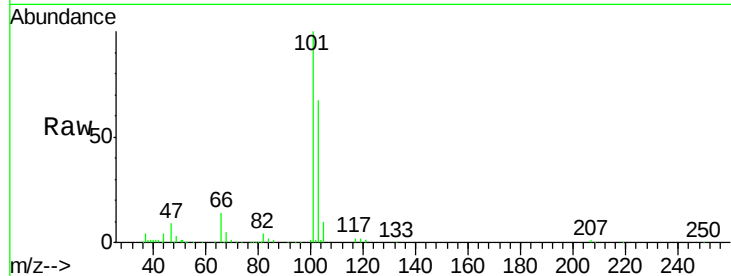
Trichlorofluoromethane
Concen: 46.53 ug/l
RT: 3.25 min Scan# 273
Delta R.T. 0.00 min
Lab File: VW003654.D
Acq: 29 Jun 2018 12:08

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	67.1	53.4	80.0

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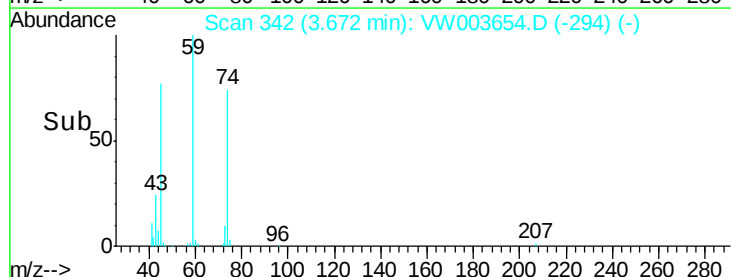
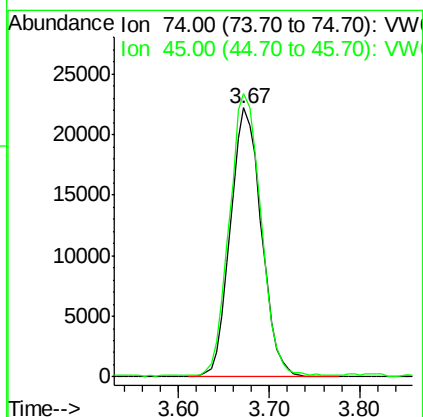
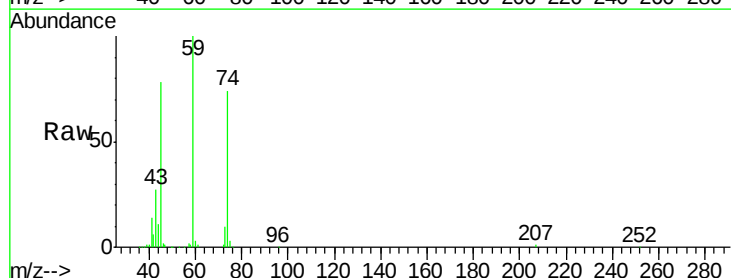
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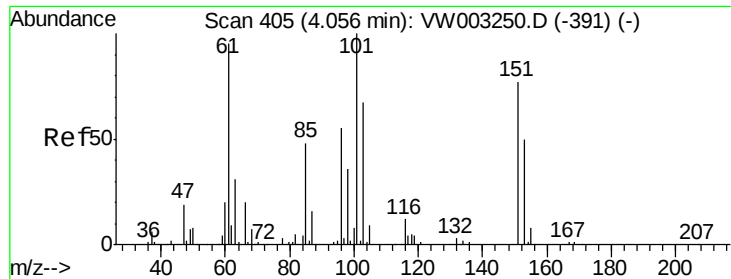


#8

Diethyl Ether
Concen: 48.18 ug/l
RT: 3.67 min Scan# 342
Delta R.T. -0.01 min
Lab File: VW003654.D
Acq: 29 Jun 2018 12:08

Tgt Ion	Ratio	Lower	Upper
74	100		
45	106.6	51.4	154.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.10 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW003654.D

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MSVOA_W

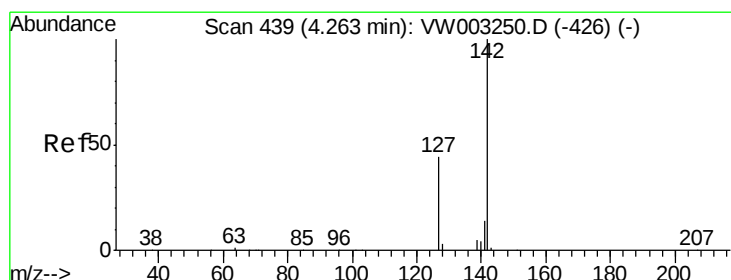
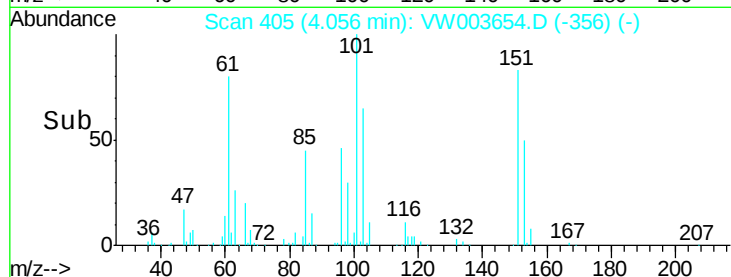
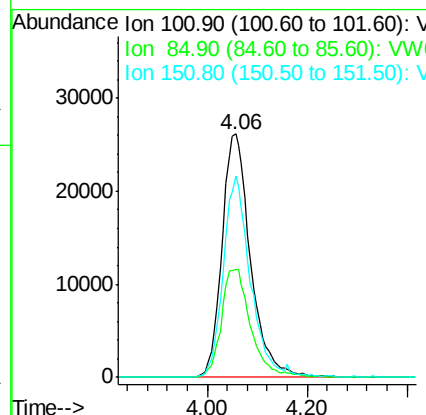
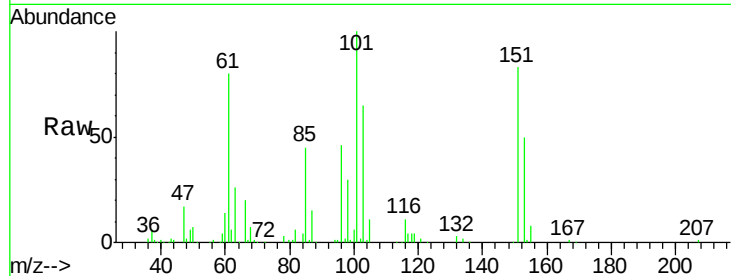
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	103889
Ion Ratio	Lower	Upper	
101	100		
85	45.4	37.0	55.6
151	77.4	63.3	94.9

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#10

Methyl Iodide

Concen: 47.80 ug/l

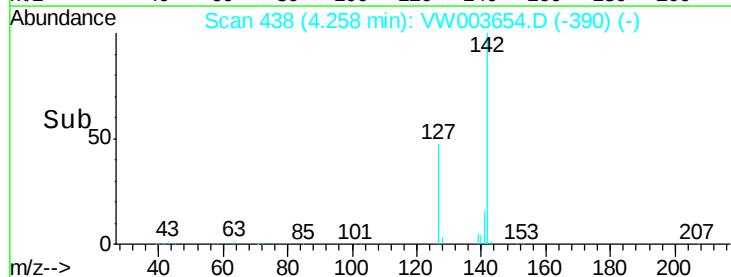
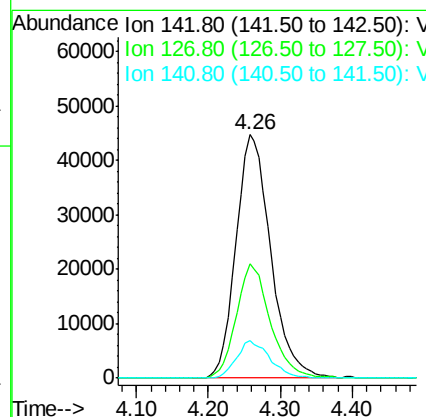
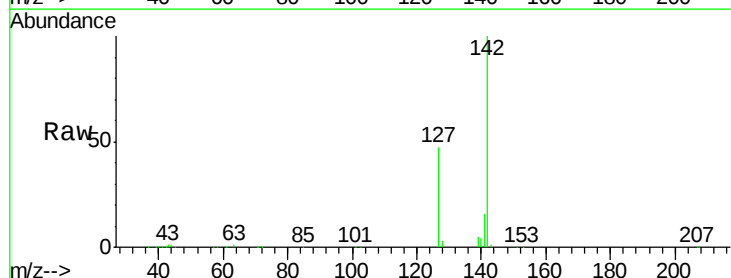
RT: 4.26 min Scan# 438

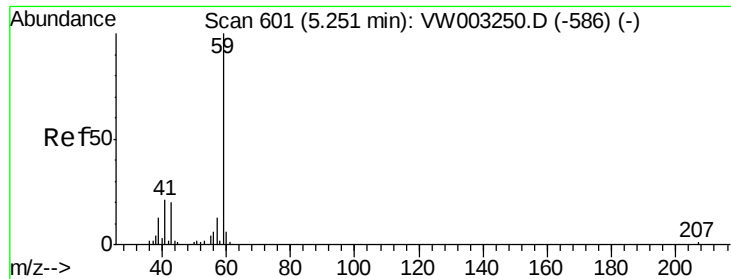
Delta R.T. -0.01 min

Lab File: VW003654.D

Acq: 29 Jun 2018 12:08

Tgt Ion:	142	Resp:	149879
Ion Ratio	Lower	Upper	
142	100		
127	46.0	36.5	54.7
141	14.9	12.1	18.1





#11

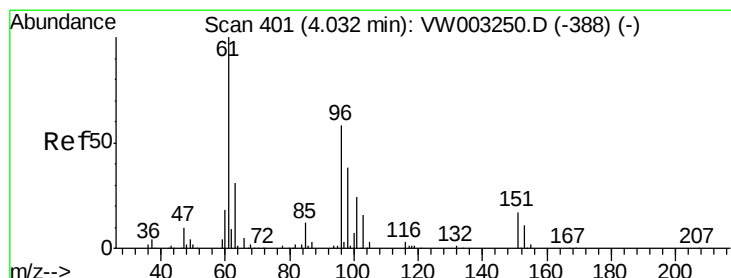
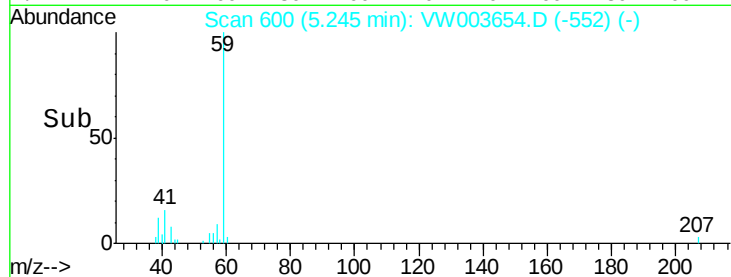
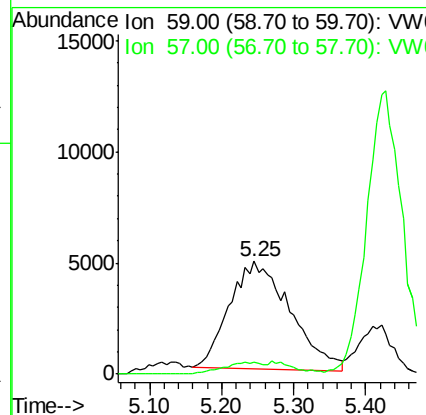
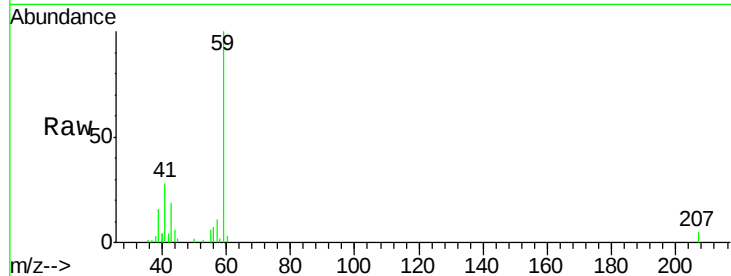
Tert butyl alcohol
Concen: 218.12 ug/l
RT: 5.25 min Scan# 600
Delta R.T. -0.01 min
Lab File: VW003654.D
Acq: 29 Jun 2018 12:08

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	7.0	4.2	6.2#

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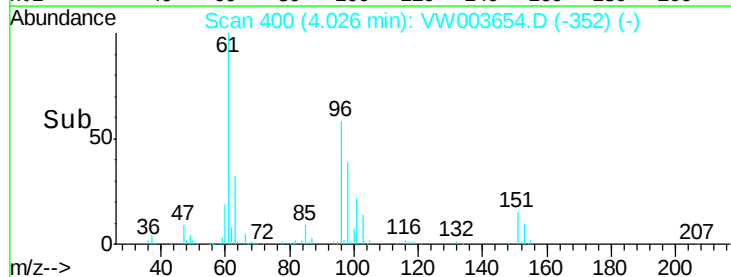
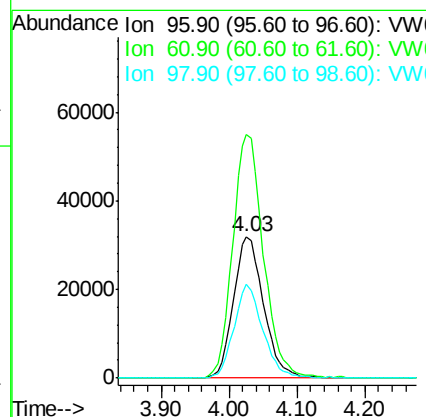
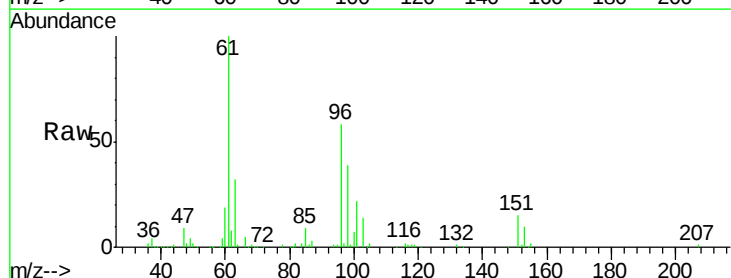
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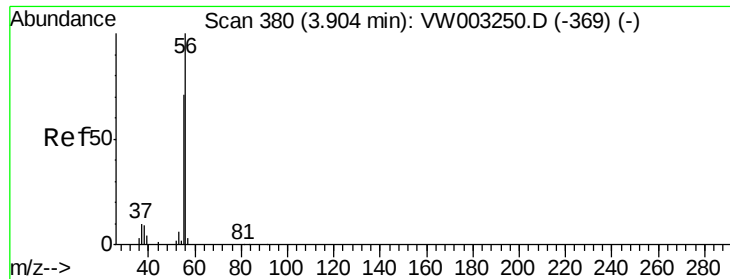


#12

1,1-Dichloroethene
Concen: 48.48 ug/l
RT: 4.03 min Scan# 400
Delta R.T. -0.01 min
Lab File: VW003654.D
Acq: 29 Jun 2018 12:08

Tgt Ion	Ratio	Lower	Upper
96	100		
61	172.4	139.0	208.4
98	66.5	53.3	79.9





#13

Acrolein

Concen: 205.45 ug/l

RT: 3.90 min Scan# 379

Delta R.T. -0.01 min

Lab File: VW003654.D

Acq: 29 Jun 2018 12:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 38195

Ion Ratio Lower Upper

56 100

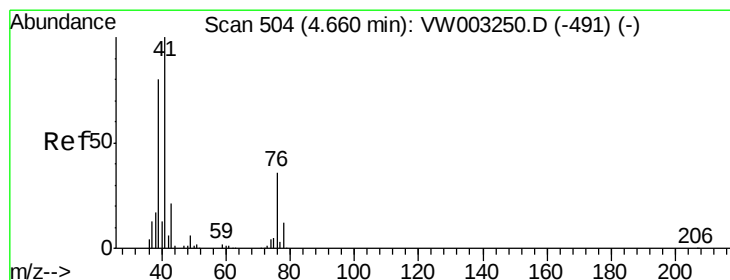
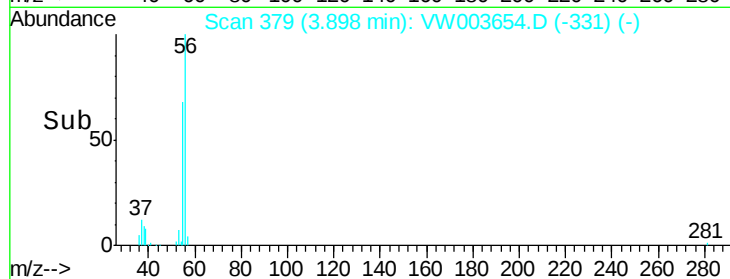
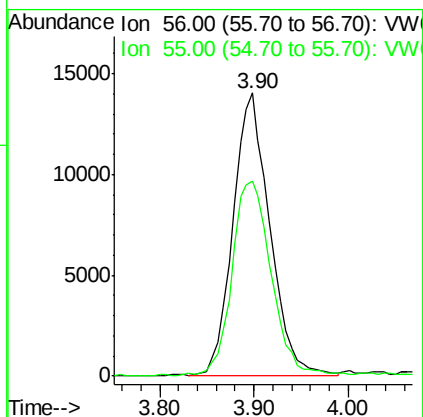
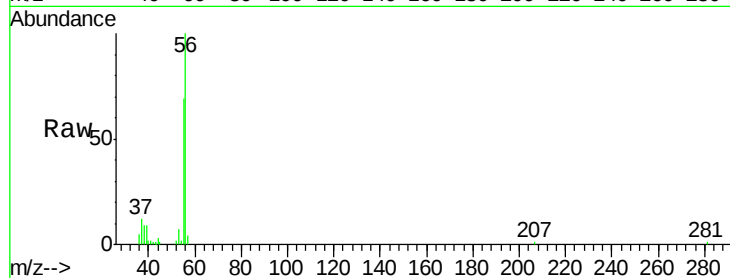
55 73.3 55.4 83.2

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#14

Allyl chloride

Concen: 50.65 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.00 min

Lab File: VW003654.D

Acq: 29 Jun 2018 12:08

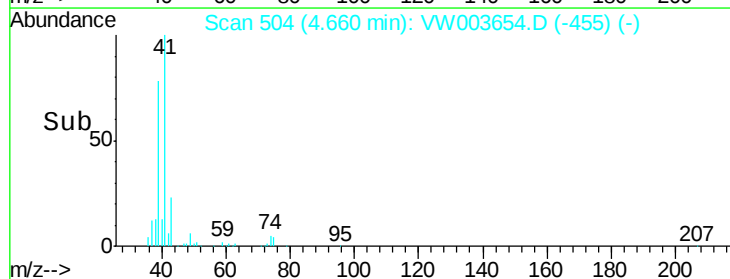
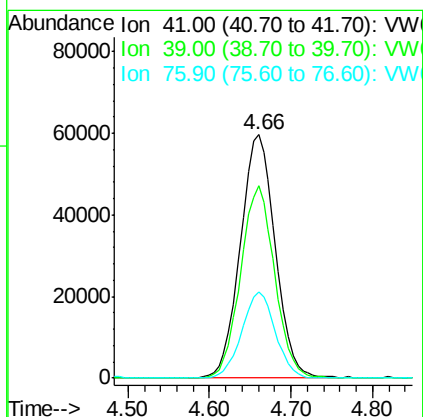
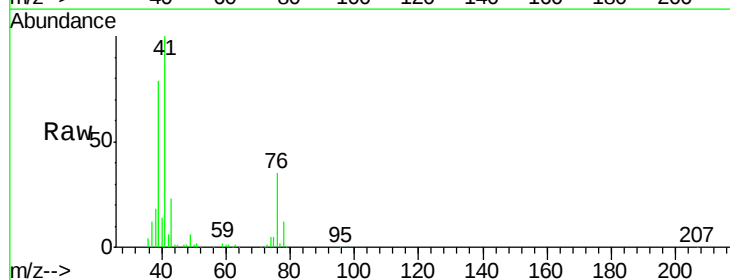
Tgt Ion: 41 Resp: 177780

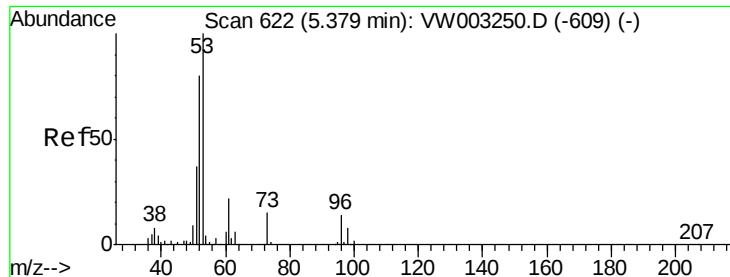
Ion Ratio Lower Upper

41 100

39 76.5 63.2 94.8

76 34.1 28.0 42.0





#15

Acrylonitrile

Concen: 251.39 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.00 min

Lab File: VW003654.D

Acq: 29 Jun 2018 12:08

Instrument :

MSVOA_W

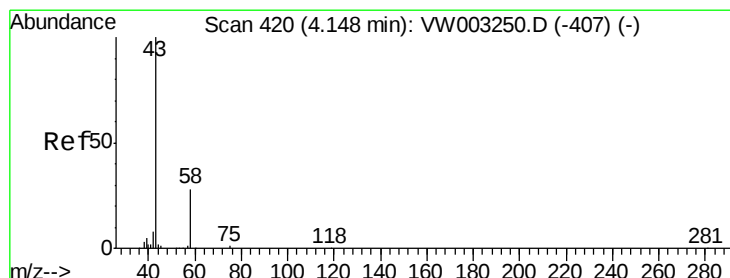
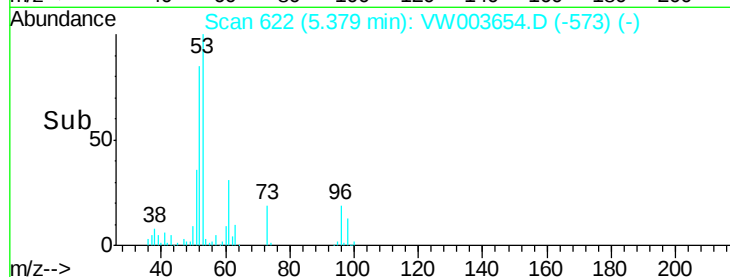
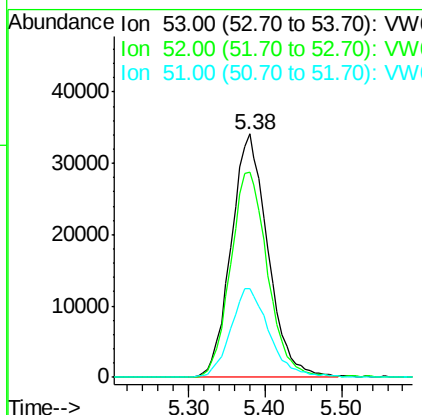
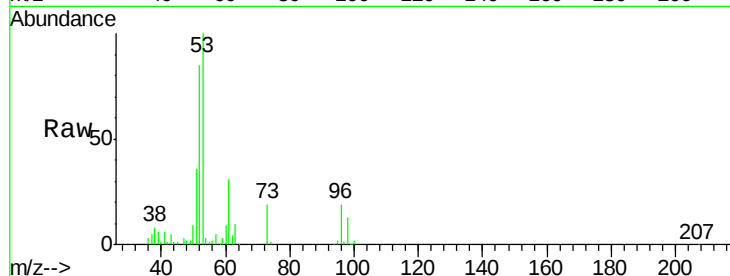
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	113457
Ion Ratio	Lower	Upper	
53	100		
52	85.2	66.6	100.0
51	37.9	30.6	46.0

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#16

Acetone

Concen: 264.16 ug/l

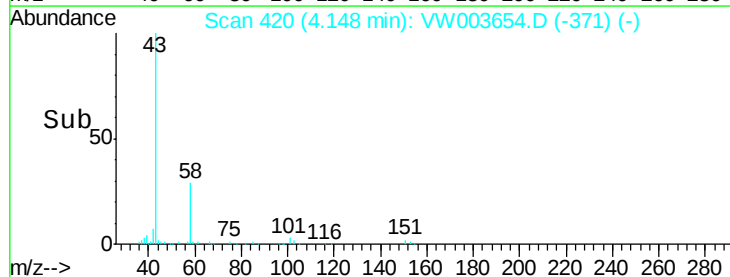
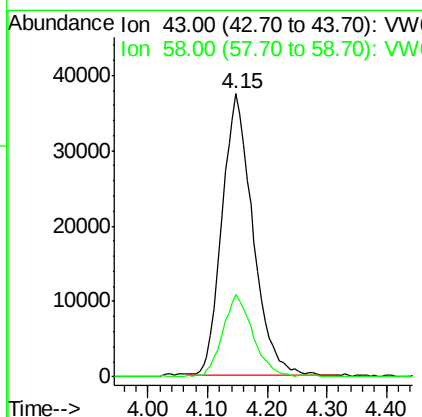
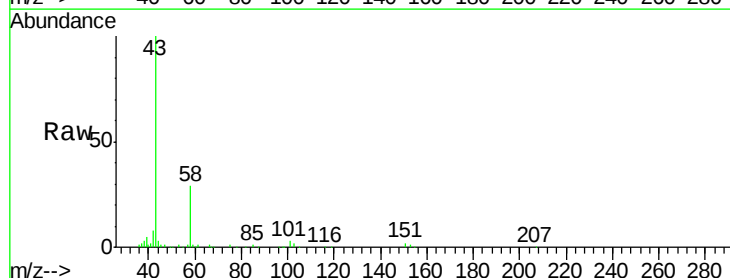
RT: 4.15 min Scan# 420

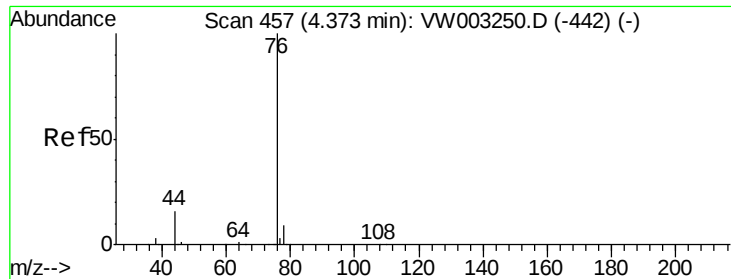
Delta R.T. 0.00 min

Lab File: VW003654.D

Acq: 29 Jun 2018 12:08

Tgt Ion:	43	Resp:	134327
Ion Ratio	Lower	Upper	
43	100		
58	29.1	22.6	34.0





#17

Carbon Disulfide

Concen: 45.83 ug/l

RT: 4.37 min Scan# 456

Delta R.T. -0.01 min

Lab File: VW003654.D

Acq: 29 Jun 2018 12:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 274525

Ion Ratio Lower Upper

76 100

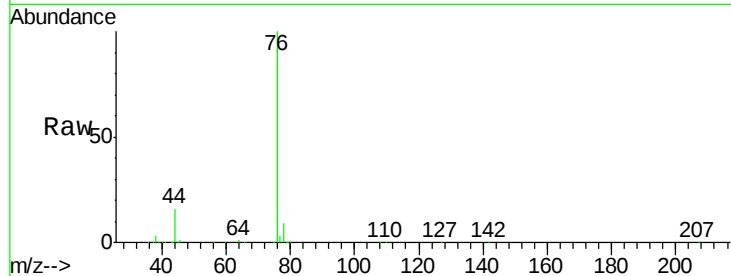
78 9.3 7.1 10.7

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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.37

100000

80000

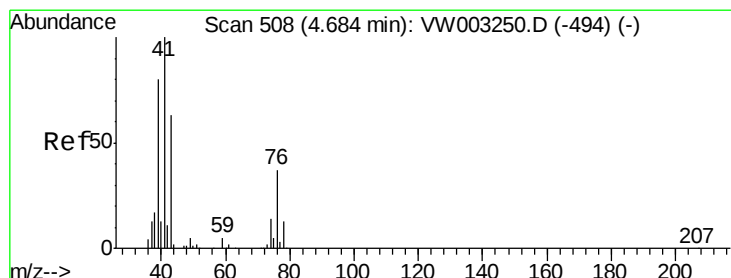
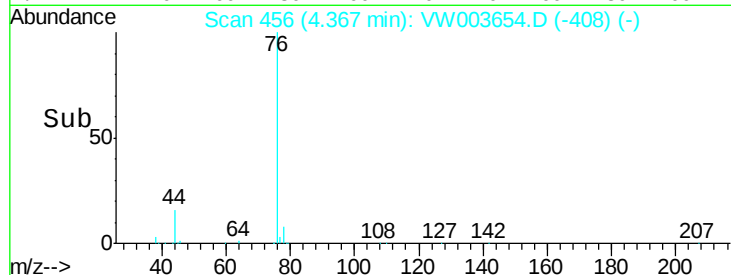
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 52.61 ug/l

RT: 4.68 min Scan# 507

Delta R.T. -0.01 min

Lab File: VW003654.D

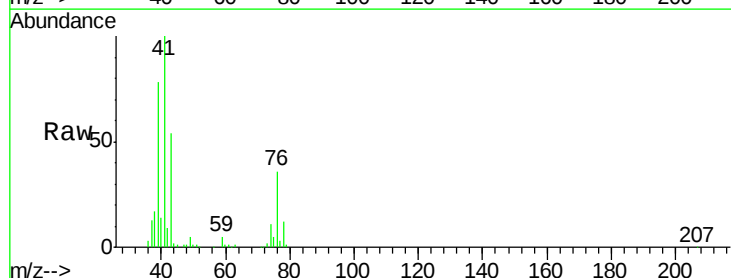
Acq: 29 Jun 2018 12:08

Tgt Ion: 43 Resp: 63468

Ion Ratio Lower Upper

43 100

74 21.8 18.7 28.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.68

20000

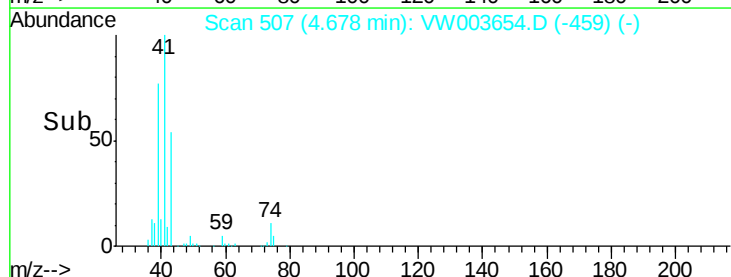
15000

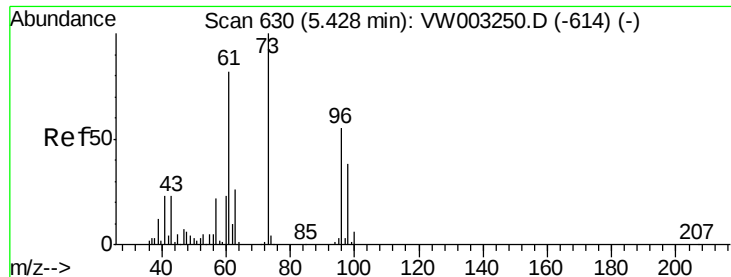
10000

5000

0

Time-->





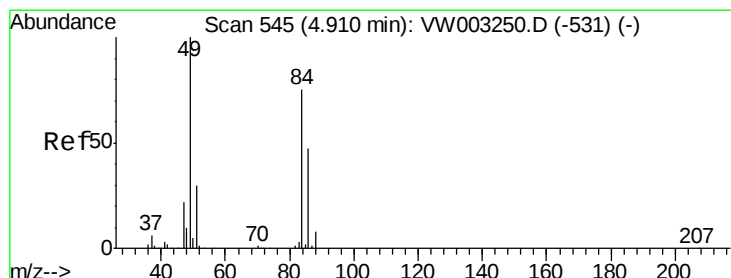
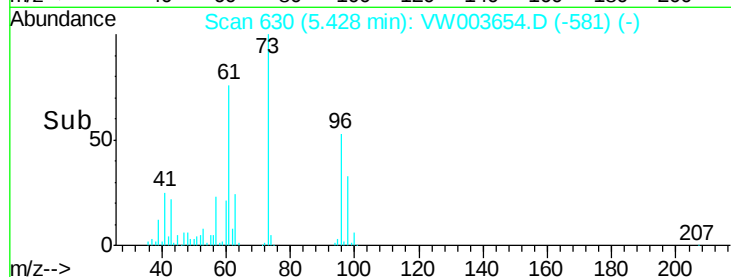
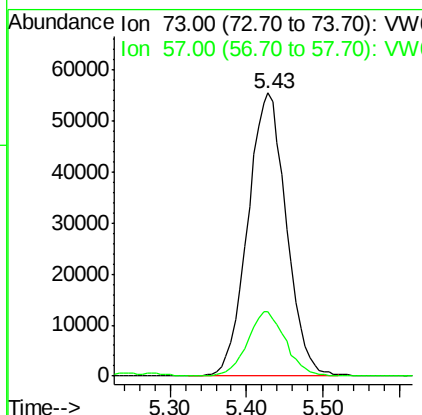
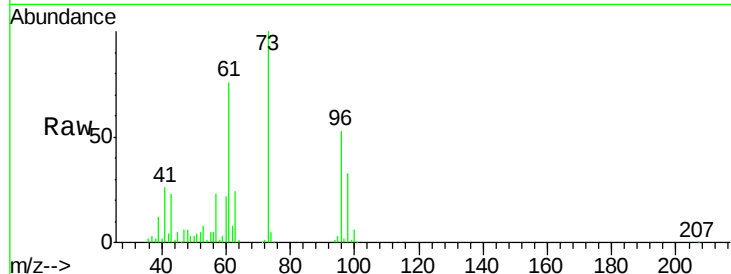
#19
Methvl tert-butvl Ether
Concen: 51.16 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW003654.D
Acq: 29 Jun 2018 12:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 194159
Ion Ratio Lower Upper
73 100
57 22.8 18.0 27.0

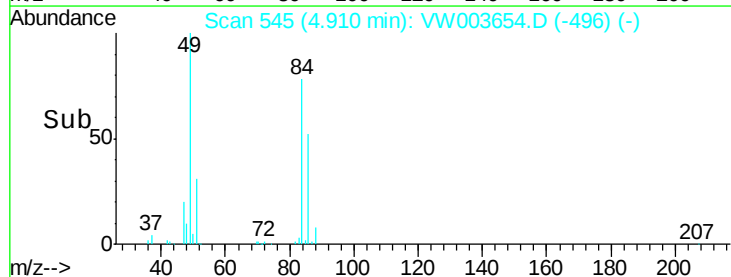
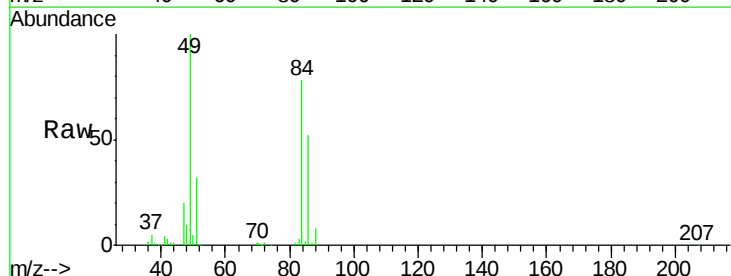
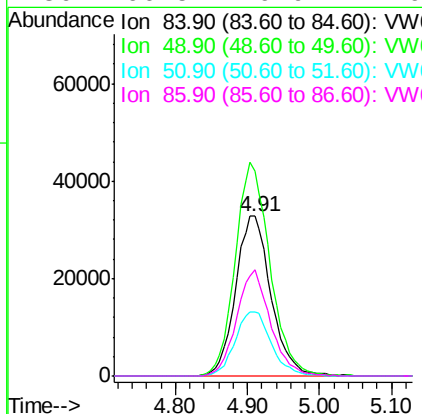
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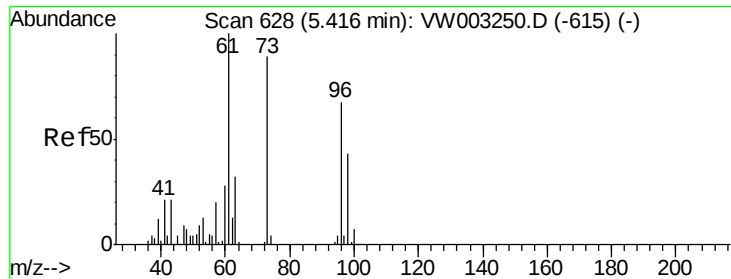
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#20
Methylene Chloride
Concen: 51.94 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003654.D
Acq: 29 Jun 2018 12:08

Tgt Ion: 84 Resp: 111896
Ion Ratio Lower Upper
84 100
49 127.9 106.3 159.5
51 40.4 32.0 48.0
86 66.5 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 50.06 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW003654.D

Acq: 29 Jun 2018 12:08

Instrument :

MSVOA_W

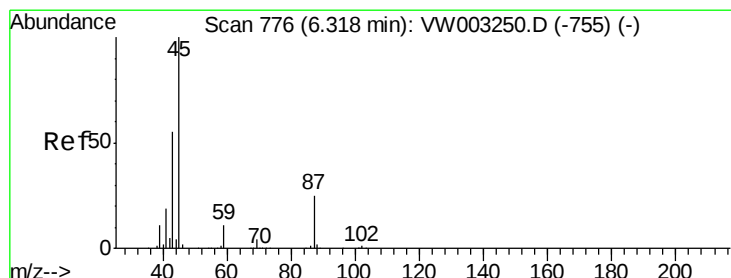
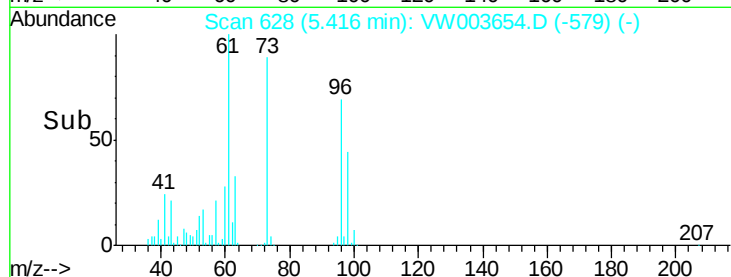
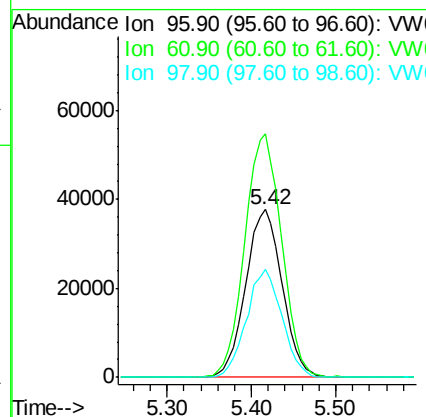
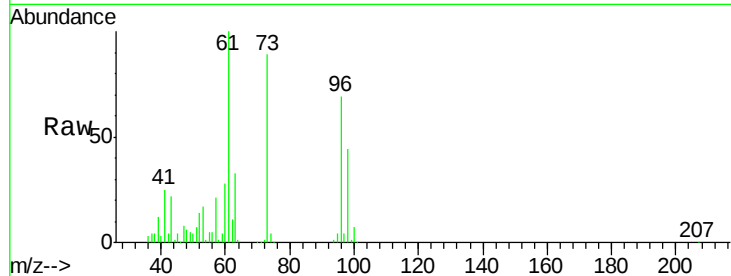
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	110395
Ion	Ratio	Lower	Upper
96	100		
61	144.9	118.7	178.1
98	63.9	51.0	76.6

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#22

Diisopropyl ether

Concen: 53.42 ug/l

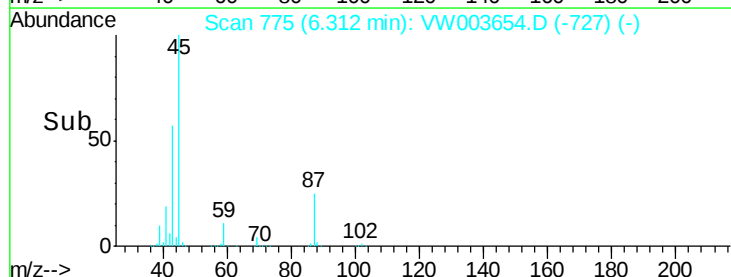
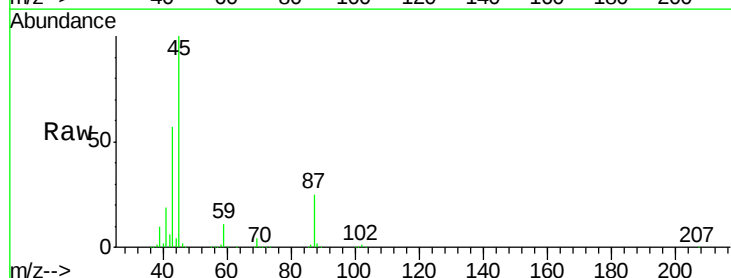
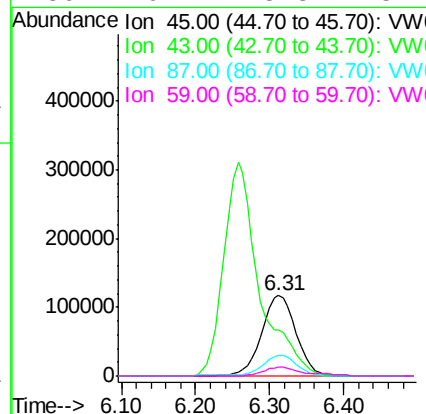
RT: 6.31 min Scan# 775

Delta R.T. -0.01 min

Lab File: VW003654.D

Acq: 29 Jun 2018 12:08

Tgt Ion:	45	Resp:	377394
Ion	Ratio	Lower	Upper
45	100		
43	56.2	44.0	66.0
87	25.3	20.6	31.0
59	10.7	8.8	13.2





#23

Vinyl Acetate

Concen: 254.70 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW003654.D

Acq: 29 Jun 2018 12:08

Tot Ion: 43 Resp: 1036836

Ion Ratio Lower Upper

43 100

86 9.1 7.5 11.3

Instrument :

MSVOA_W

ClientSampleId :

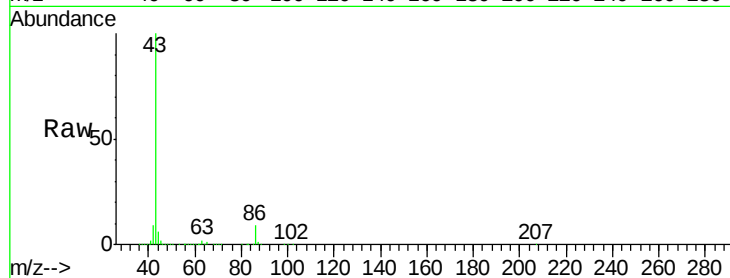
VSTDCCC050

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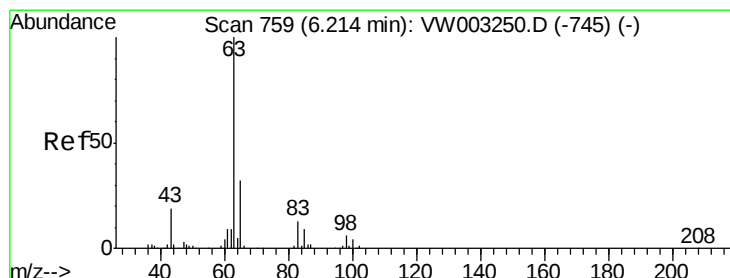
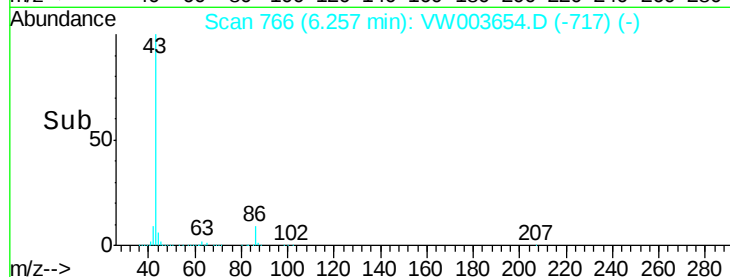
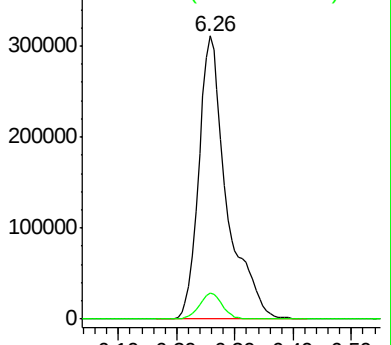
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 52.02 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VW003654.D

Acq: 29 Jun 2018 12:08

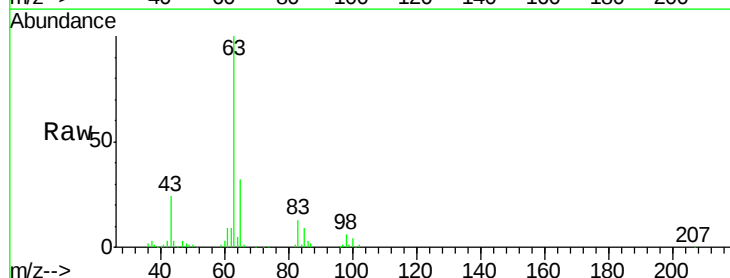
Tgt Ion: 63 Resp: 218135

Ion Ratio Lower Upper

63 100

98 6.3 2.8 8.3

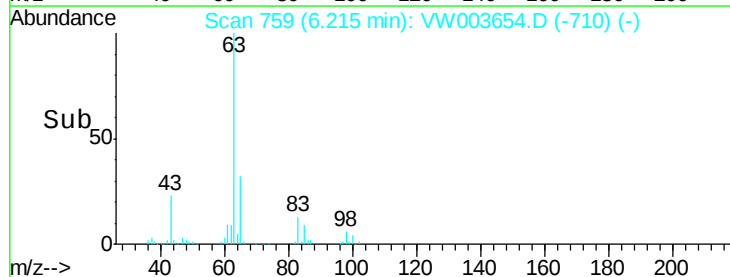
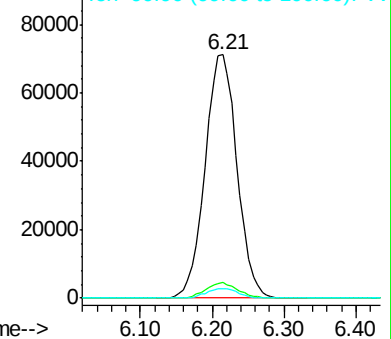
100 4.1 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 260.65 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.00 min

Lab File: VW003654.D

Acq: 29 Jun 2018 12:08

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 164809

Ion Ratio Lower Upper

43 100

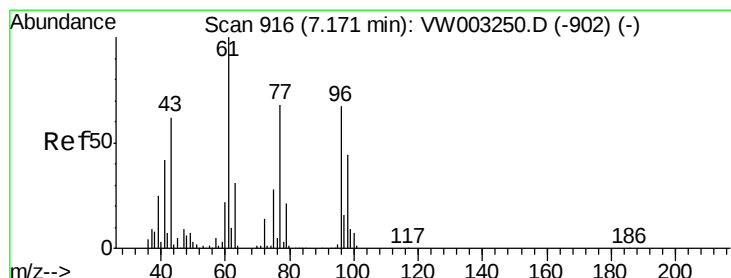
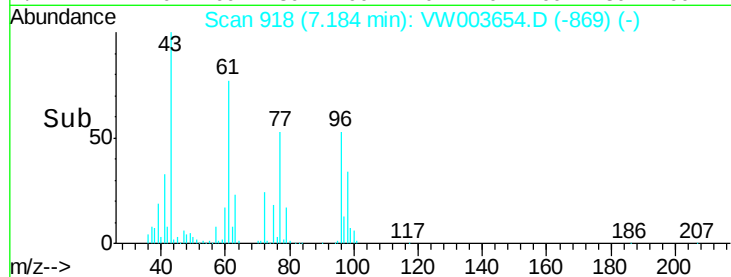
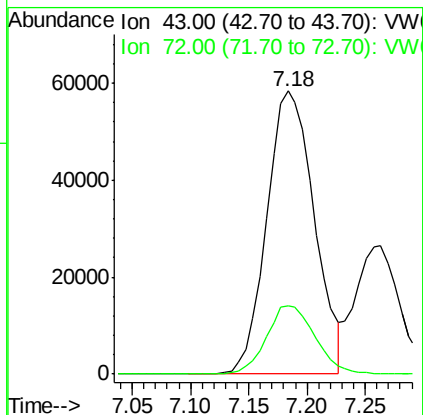
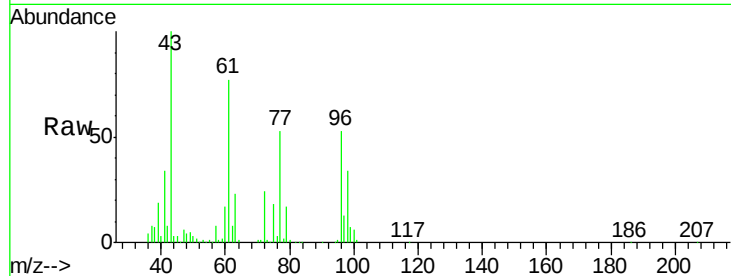
72 24.1 20.3 30.5

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#26

2,2-Dichloropropane

Concen: 49.29 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.01 min

Lab File: VW003654.D

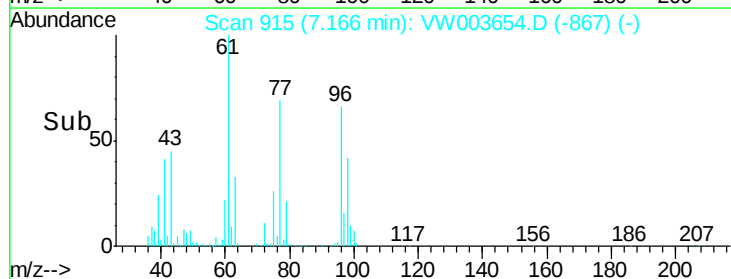
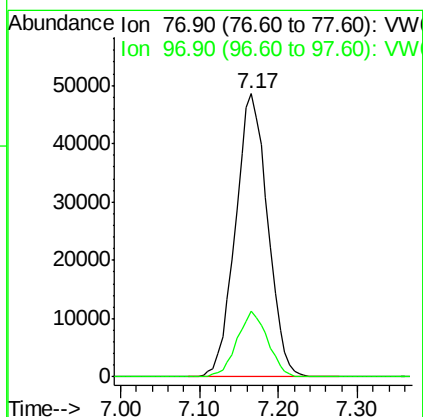
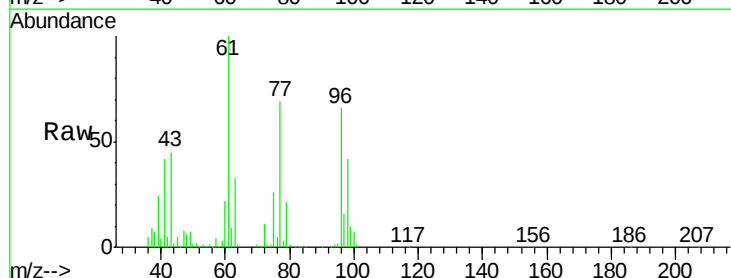
Acq: 29 Jun 2018 12:08

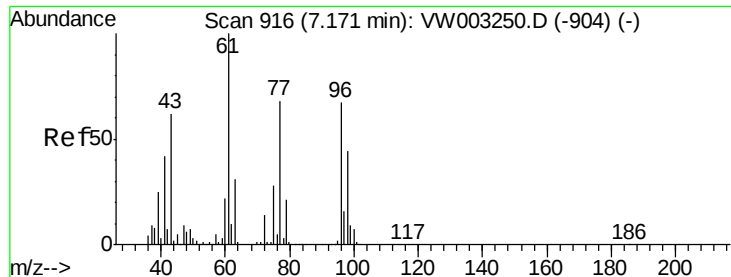
Tgt Ion: 77 Resp: 137961

Ion Ratio Lower Upper

77 100

97 22.1 11.3 33.9





#27

cis-1,2-Dichloroethene

Concen: 51.41 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.01 min

Lab File: VW003654.D

Acq: 29 Jun 2018 12:08

Instrument :

MSVOA_W

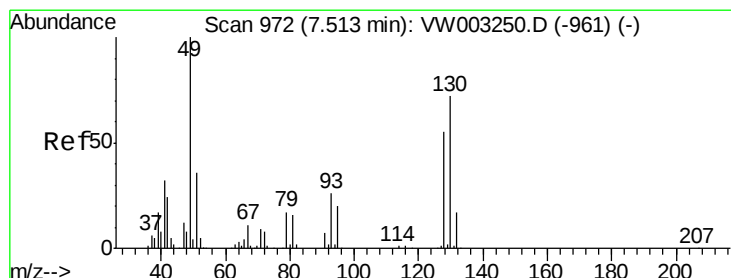
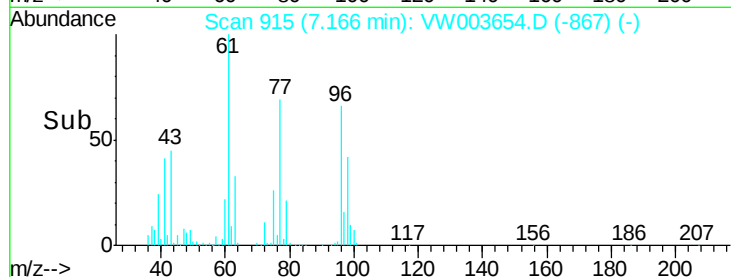
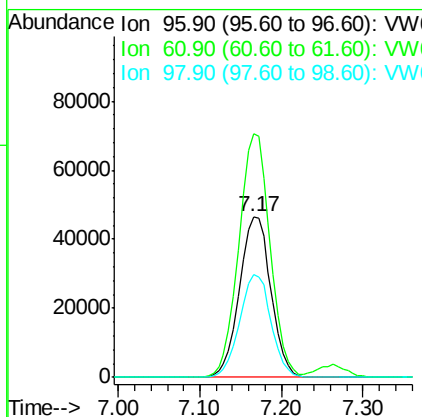
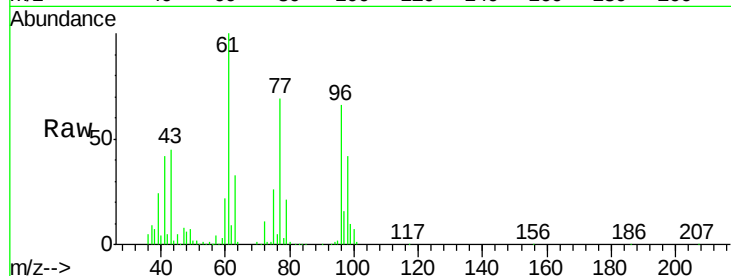
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	124545
Ion Ratio	Lower	Upper	
96	100		
61	150.5	0.0	298.8
98	63.9	0.0	130.4

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#28

Bromochloromethane

Concen: 55.24 ug/l

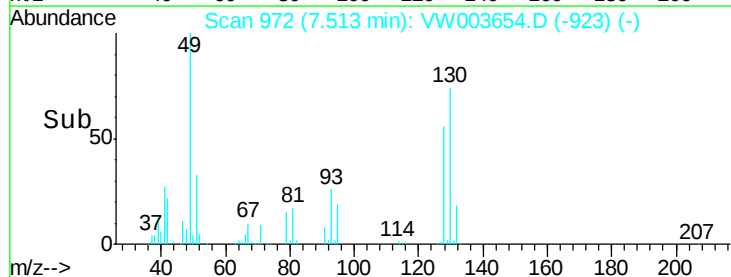
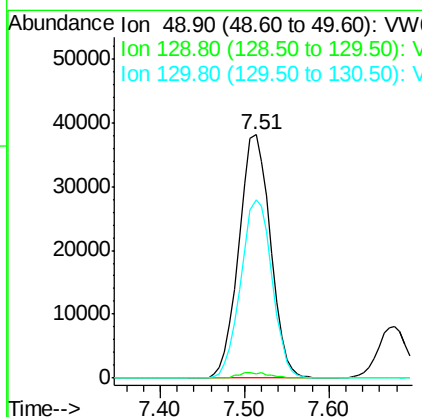
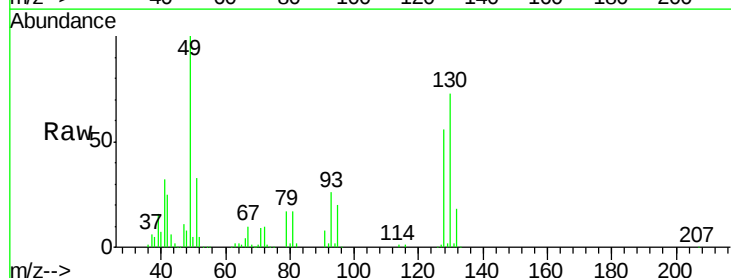
RT: 7.51 min Scan# 972

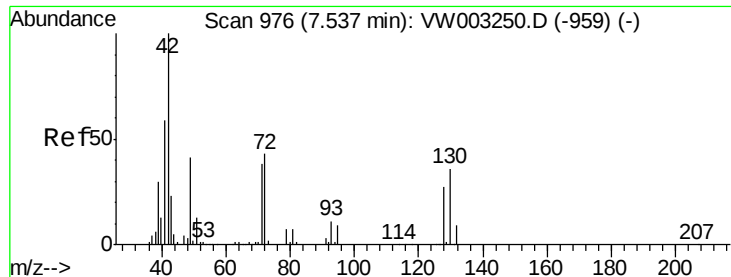
Delta R.T. 0.00 min

Lab File: VW003654.D

Acq: 29 Jun 2018 12:08

Tgt Ion:	49	Resp:	96392
Ion Ratio	Lower	Upper	
49	100		
129	2.2	0.0	4.6
130	72.7	59.4	89.2





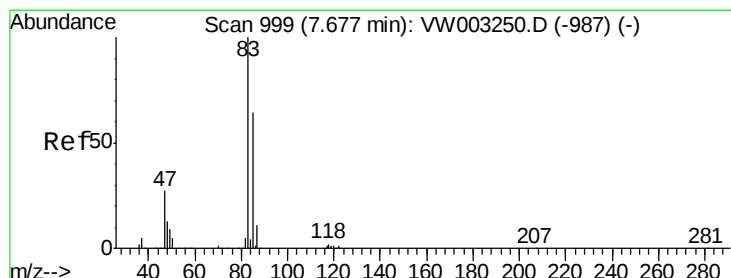
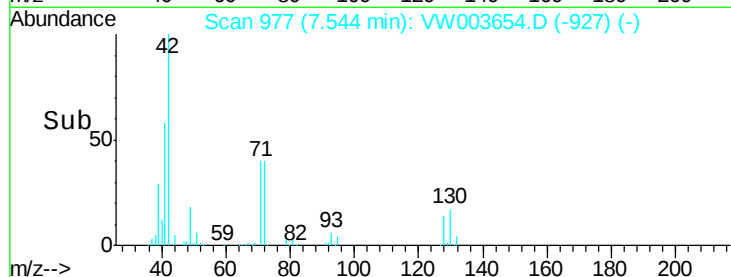
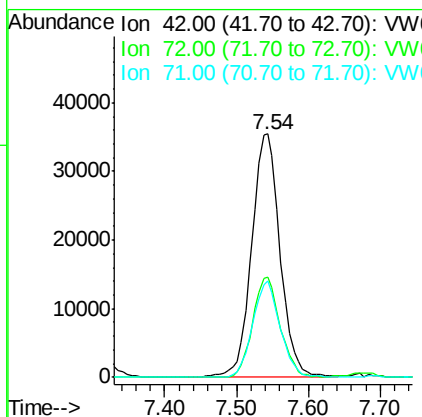
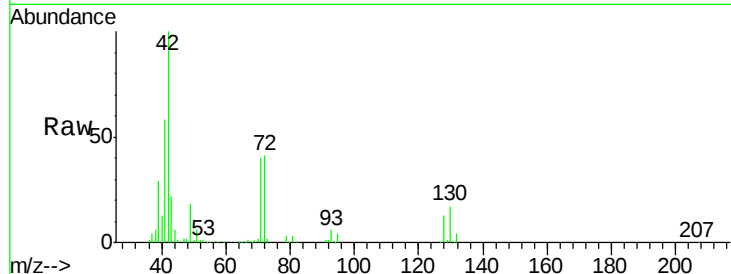
#29
Tetrahydrofuran
Concen: 251.86 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW003654.D
Acq: 29 Jun 2018 12:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.9	32.4	48.6
71	38.0	31.2	46.8

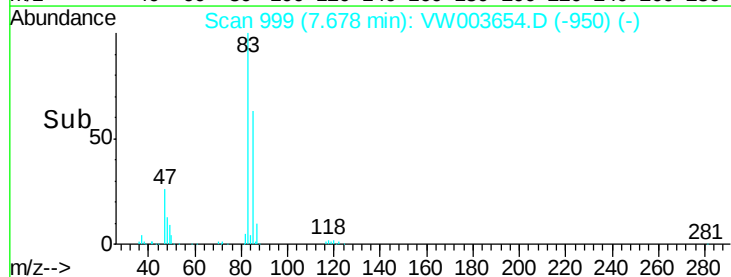
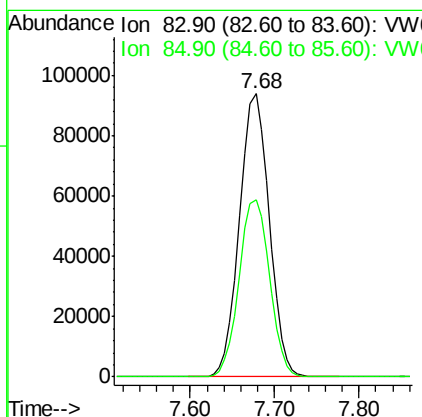
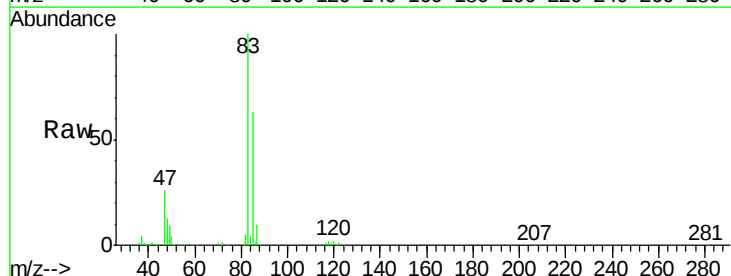
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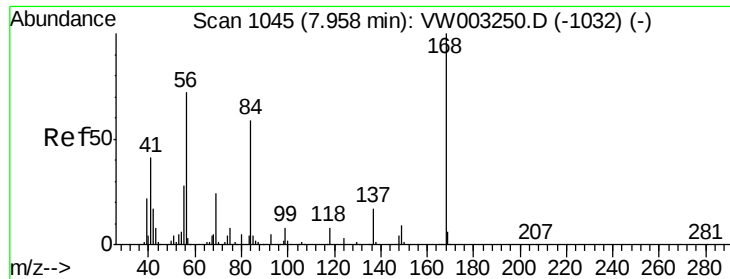
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#30
Chloroform
Concen: 52.50 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003654.D
Acq: 29 Jun 2018 12:08

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.7	51.3	76.9





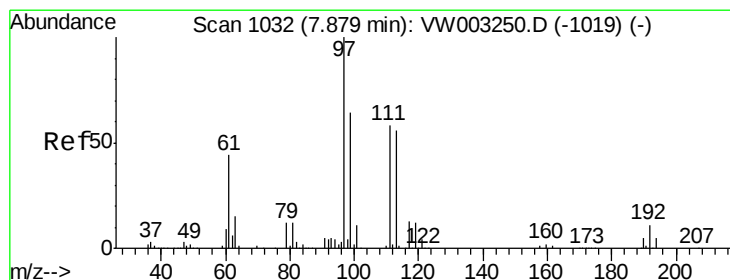
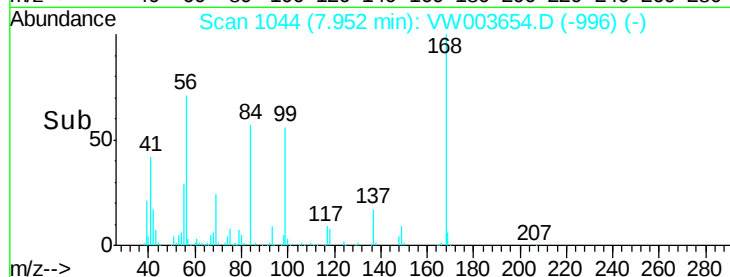
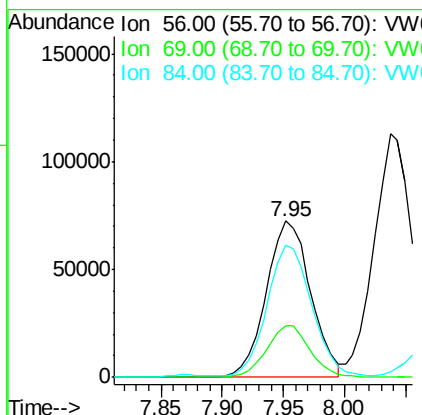
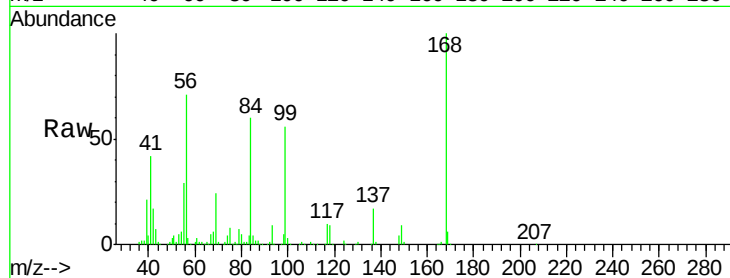
#31
Cyclohexane
Concen: 46.75 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VW003654.D
Acq: 29 Jun 2018 12:08

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.4	26.3	39.5
84	82.4	65.7	98.5

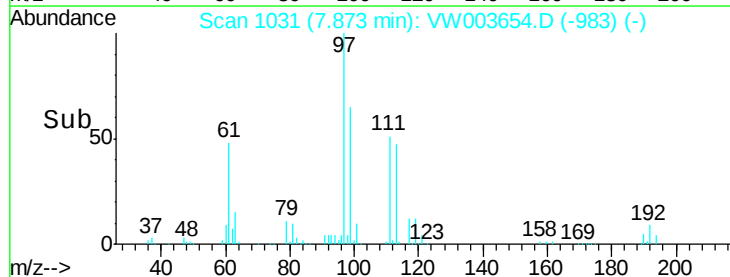
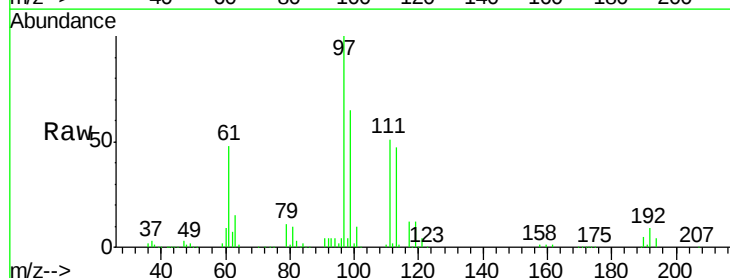
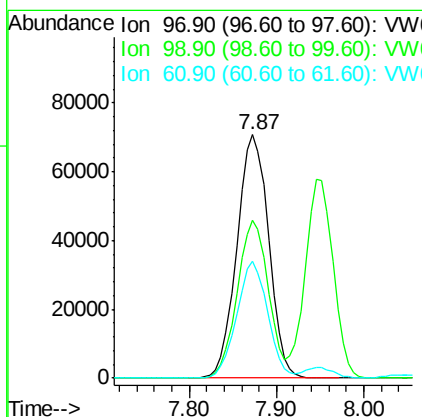
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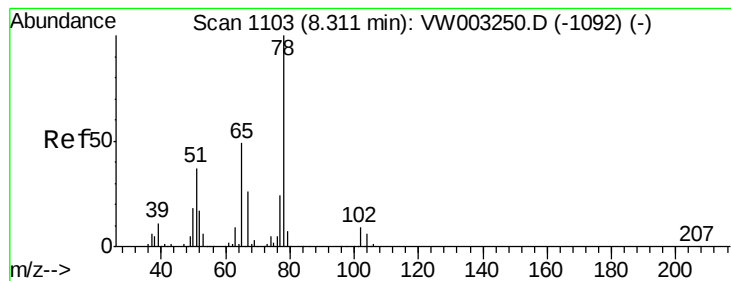
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#32
1,1,1-Trichloroethane
Concen: 50.71 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. -0.01 min
Lab File: VW003654.D
Acq: 29 Jun 2018 12:08

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.7	77.5
61	46.7	37.6	56.4





#33

1,2-Dichloroethane-d4

Concen: 51.62 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW003654.D

Acq: 29 Jun 2018 12:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 125157

Ion Ratio Lower Upper

65 100

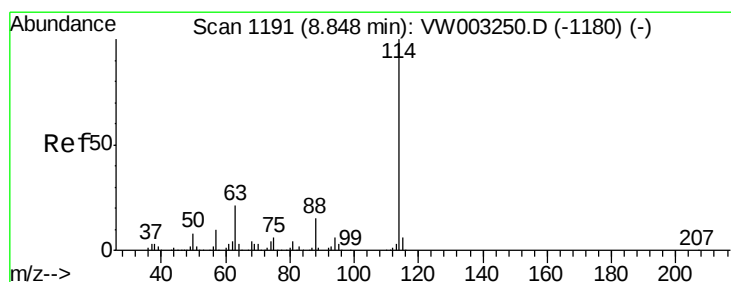
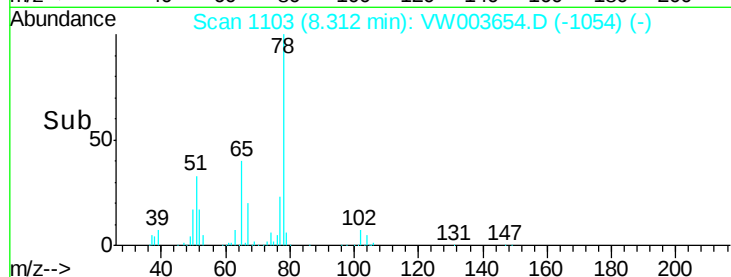
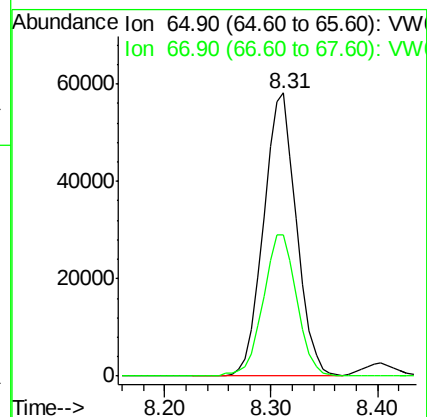
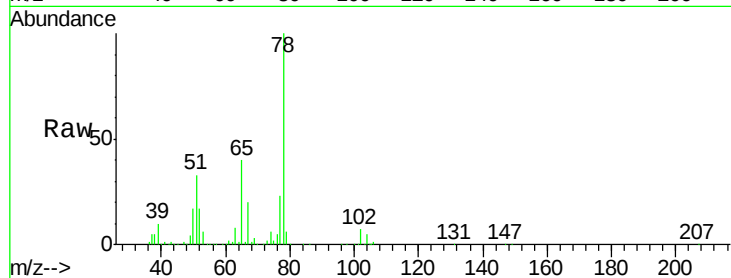
67 51.2 0.0 104.2

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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: VW003654.D

Acq: 29 Jun 2018 12:08

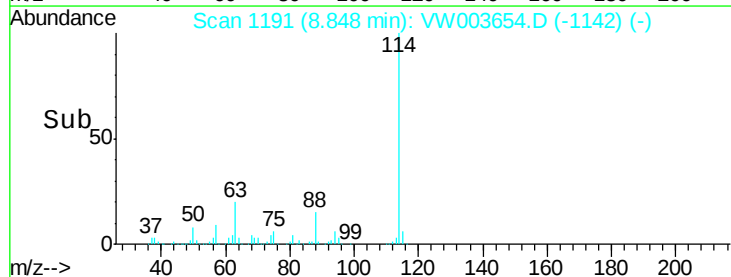
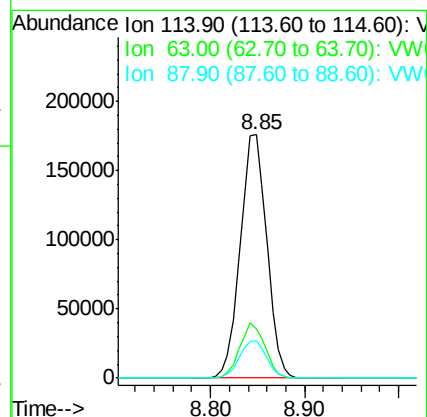
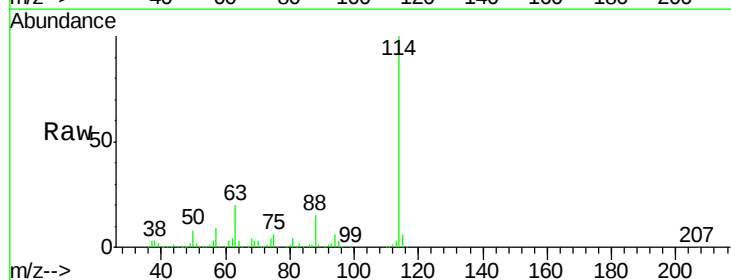
Tgt Ion: 114 Resp: 345809

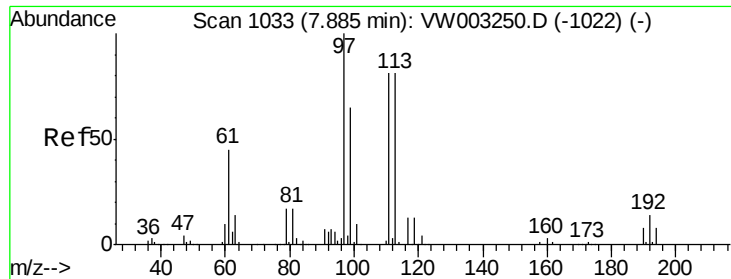
Ion Ratio Lower Upper

114 100

63 20.2 0.0 43.0

88 15.4 0.0 29.6





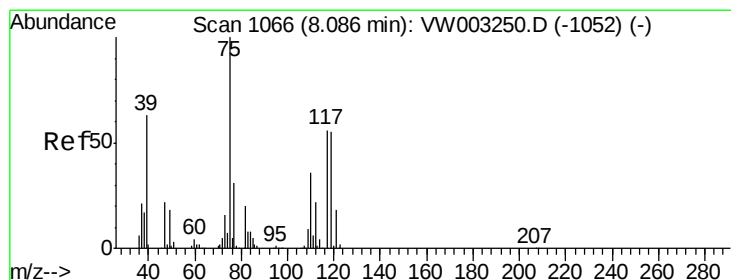
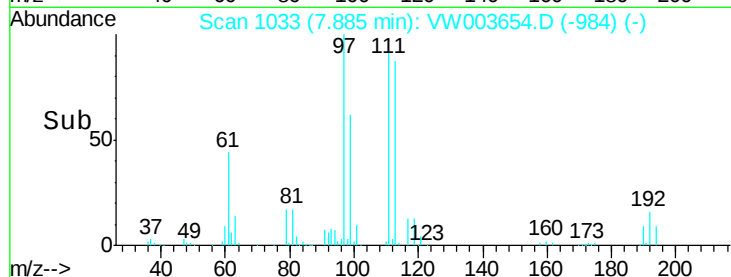
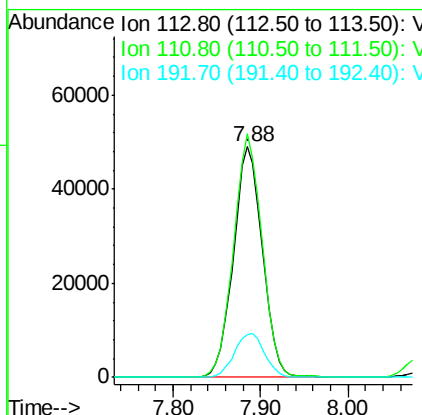
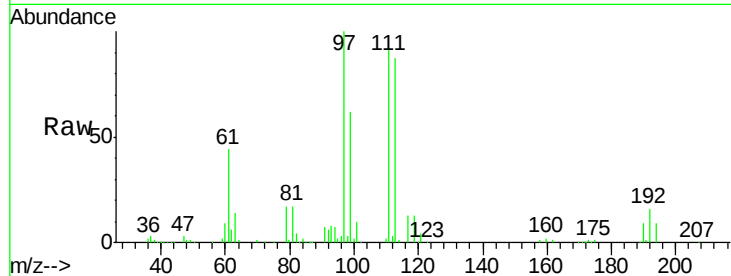
#35
Dibromofluoromethane
Concen: 52.54 ug/l
RT: 7.88 min Scan# 1033
Delta R.T. 0.00 min
Lab File: VW003654.D
Acq: 29 Jun 2018 12:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	112889		
111	104.2	82.2	123.2	
192	19.8	16.2	24.2	

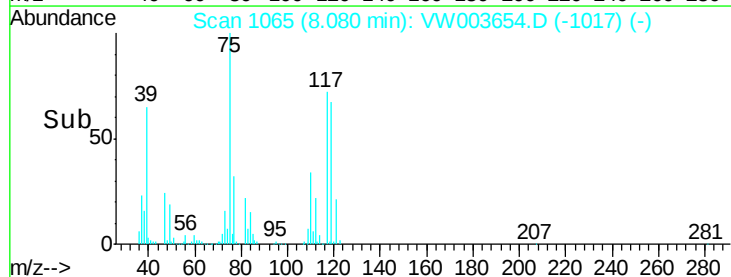
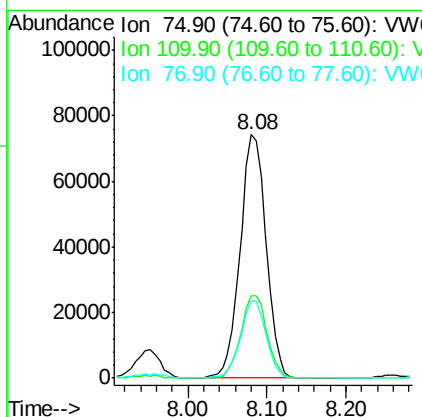
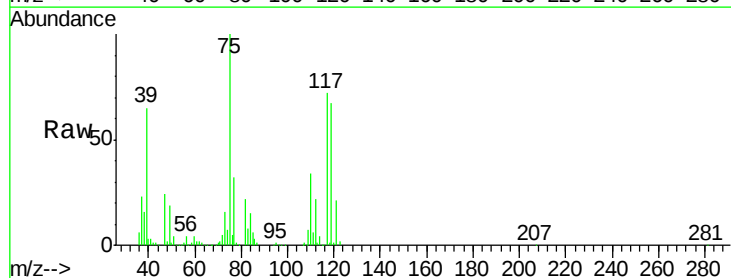
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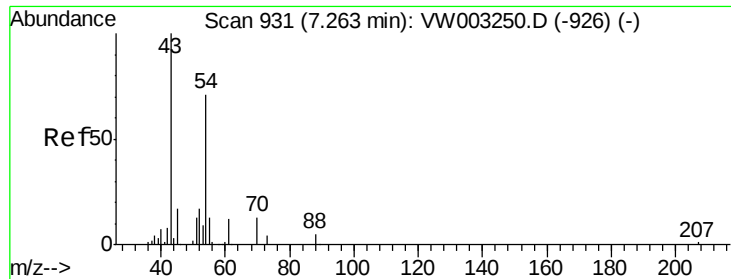
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#36
1,1-Dichloropropene
Concen: 51.20 ug/l
RT: 8.08 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VW003654.D
Acq: 29 Jun 2018 12:08

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	170998		
110	34.0	17.1	51.3	
77	31.5	24.9	37.3	





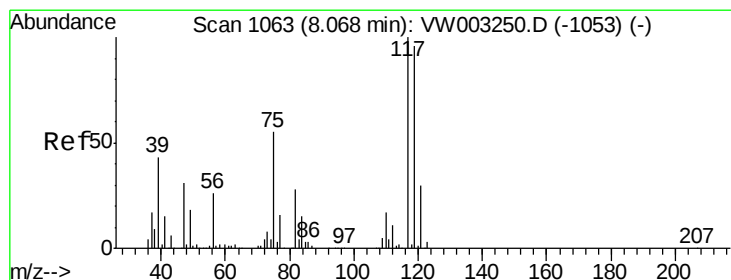
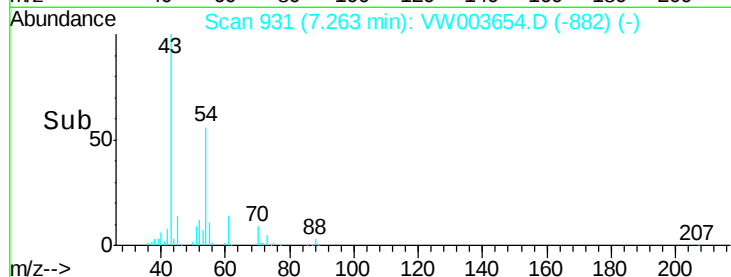
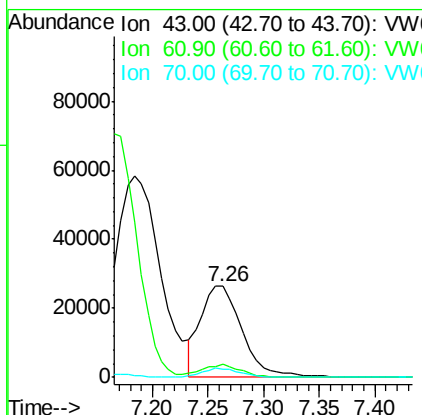
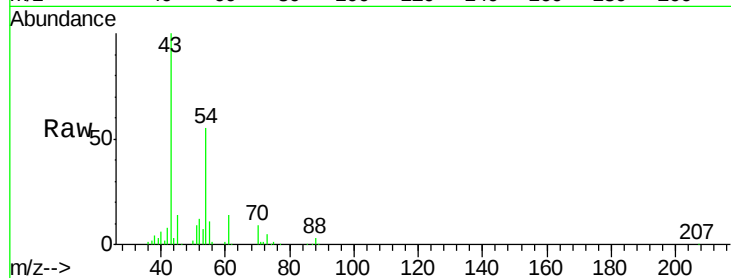
#37
Ethyl Acetate
Concen: 48.62 ug/l
RT: 7.26 min Scan# 931
Delta R.T. 0.00 min
Lab File: VW003654.D
Acq: 29 Jun 2018 12:08

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.8	16.2
70	9.4	7.8	11.6

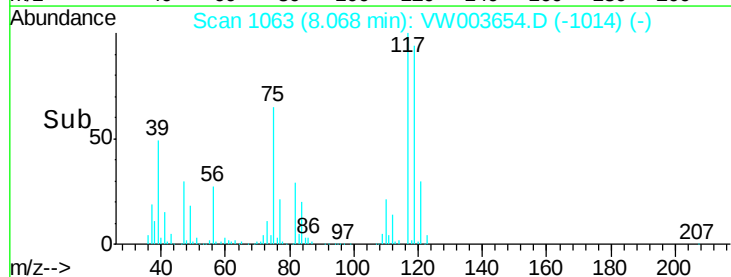
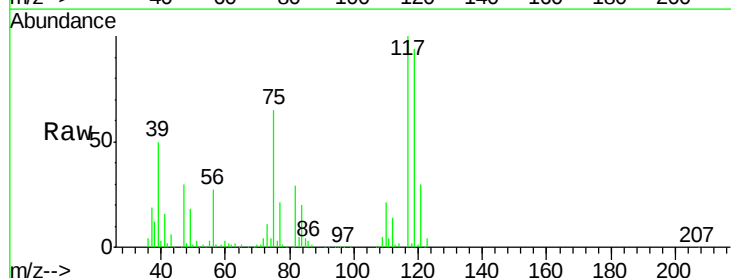
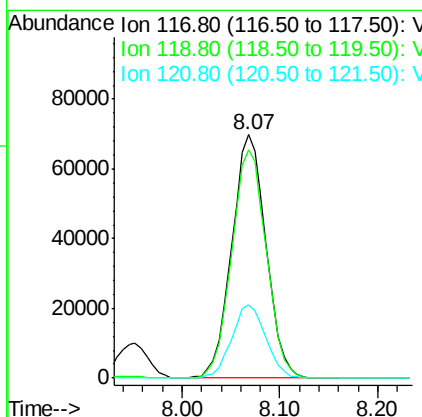
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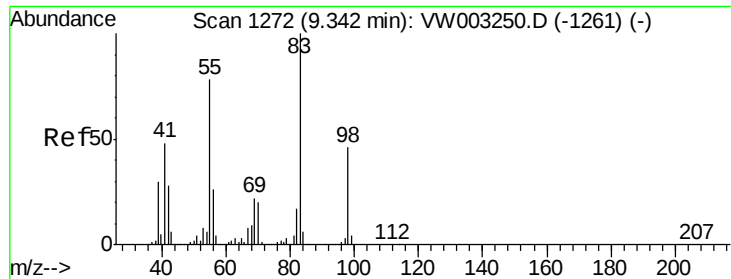
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#38
Carbon Tetrachloride
Concen: 51.47 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW003654.D
Acq: 29 Jun 2018 12:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.8	76.6	115.0
121	30.2	23.9	35.9





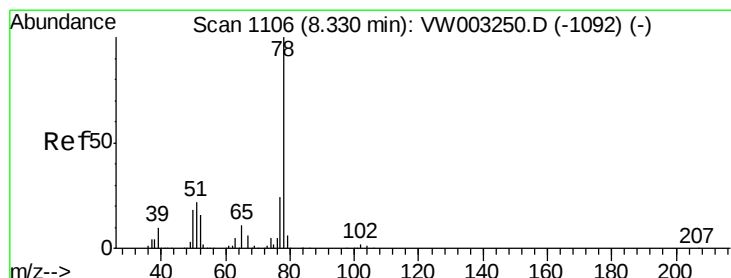
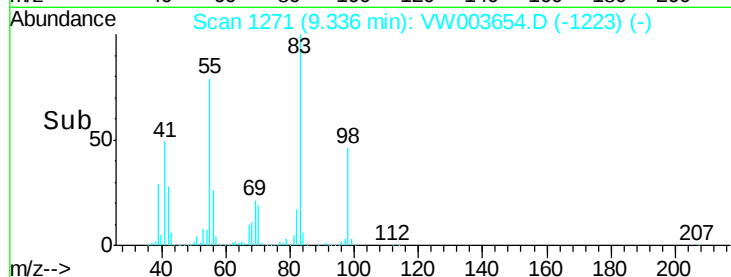
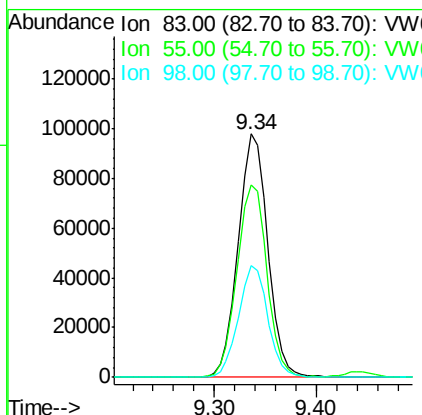
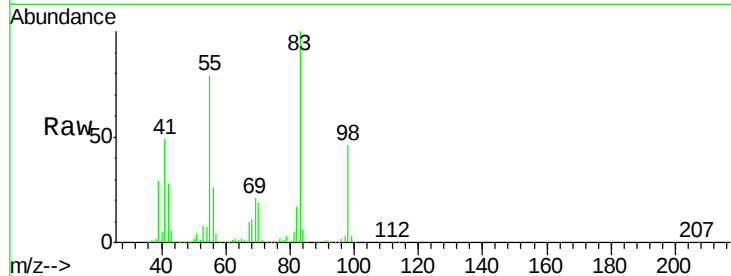
#39
Methvlcvclohexane
Concen: 51.10 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.01 min
Lab File: VW003654.D
Acq: 29 Jun 2018 12:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	197456		
55	78.9	62.6	93.8	
98	45.9	37.0	55.4	

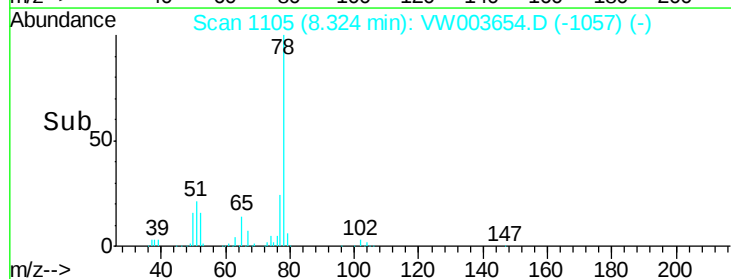
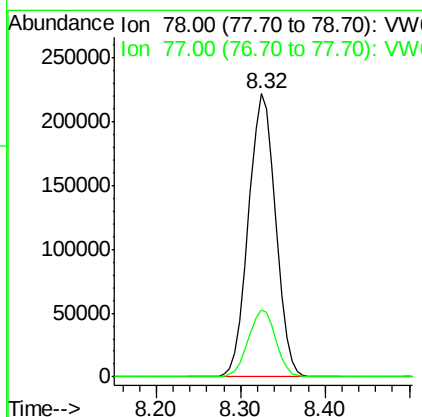
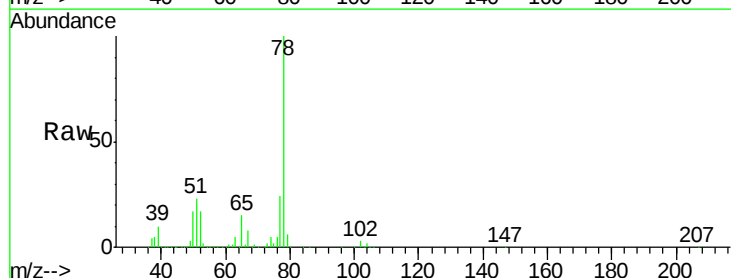
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#40
Benzene
Concen: 52.56 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VW003654.D
Acq: 29 Jun 2018 12:08

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	483799		
77	23.9	19.0	28.6	





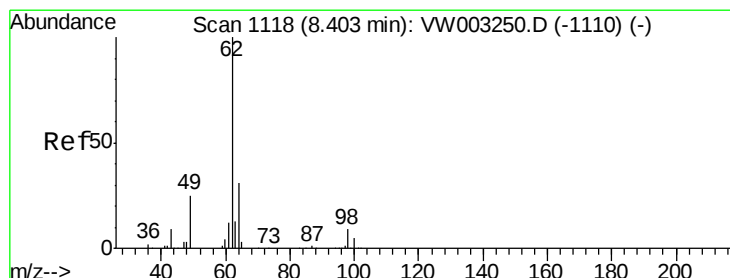
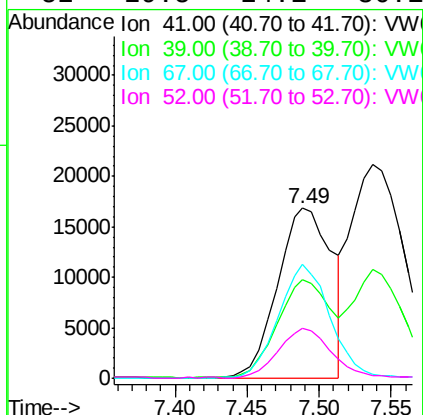
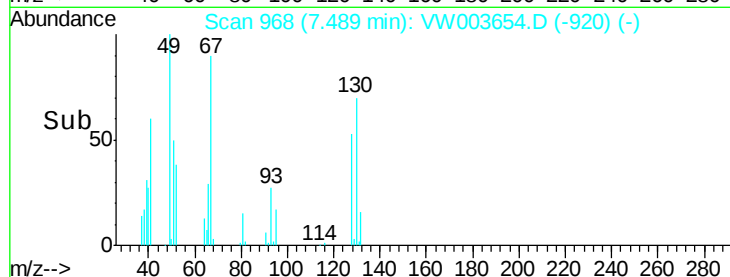
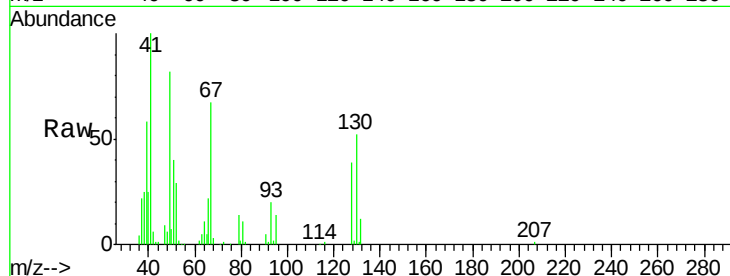
#41
Methacrylonitrile
Concen: 52.06 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.01 min
Lab File: VW003654.D
Acq: 29 Jun 2018 12:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	41	Resp	44199
Ion	Ratio	Lower	Upper
41	100		
39	57.2	45.8	68.8
67	64.3	52.3	78.5
52	29.5	24.1	36.1

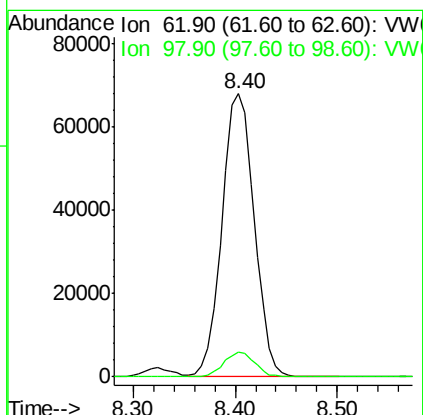
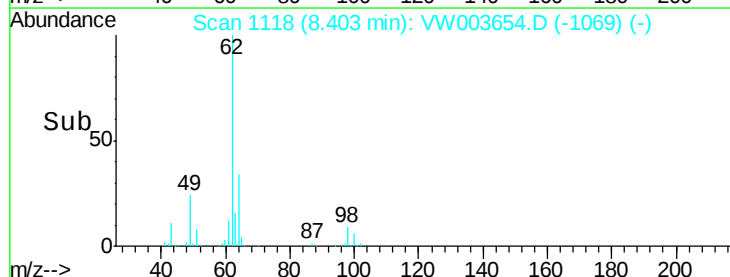
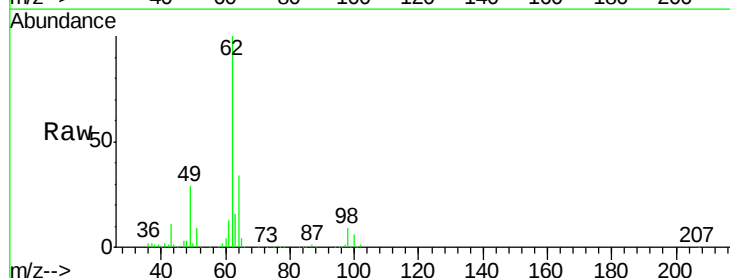
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#42
1,2-Dichloroethane
Concen: 51.52 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003654.D
Acq: 29 Jun 2018 12:08

Tgt Ion	62	Resp	148602
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.2





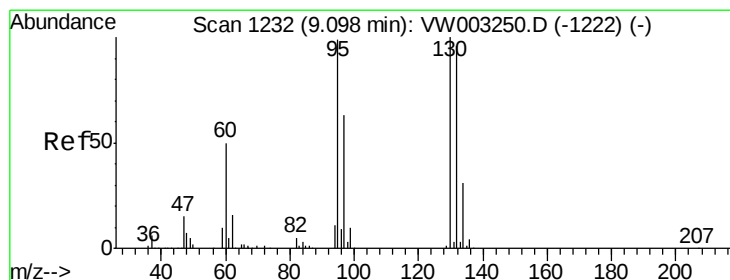
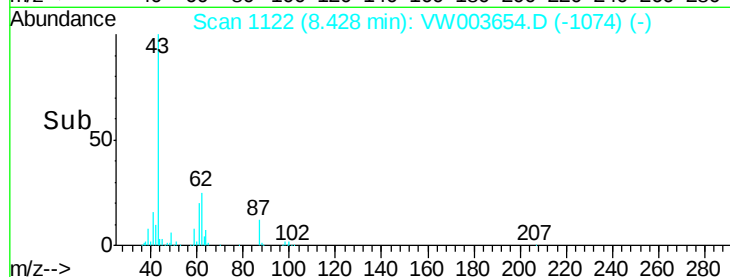
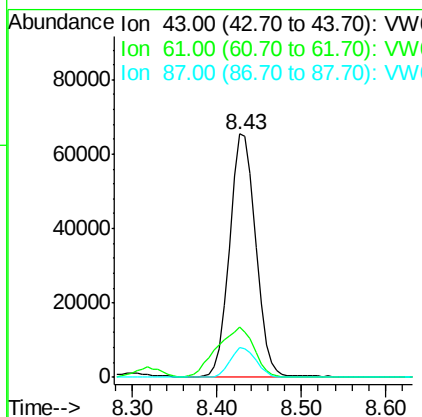
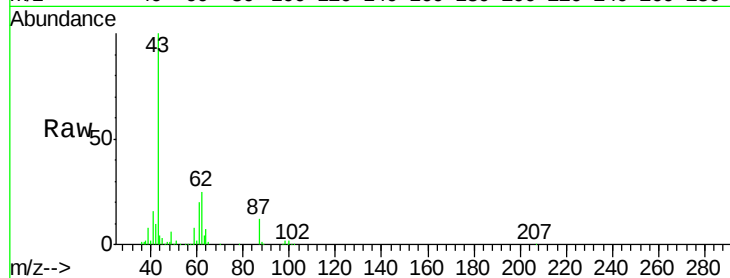
#43
Isopropyl Acetate
Concen: 49.85 ug/l
RT: 8.43 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VW003654.D
Acq: 29 Jun 2018 12:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.6	23.1	34.7
87	12.2	9.8	14.6

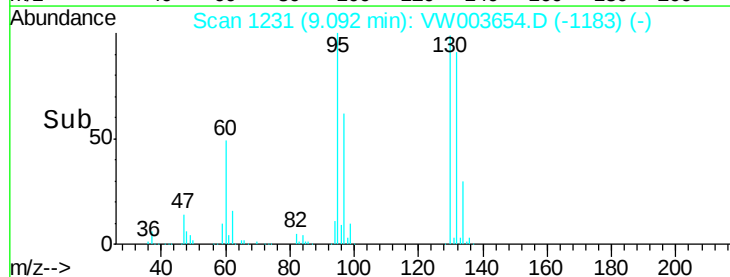
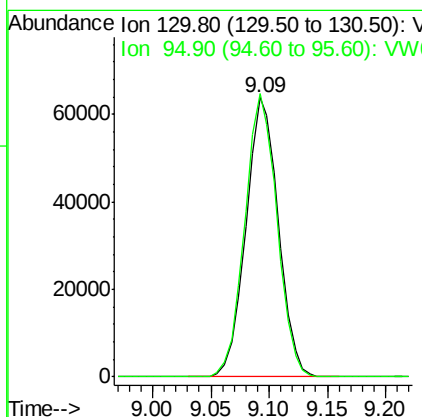
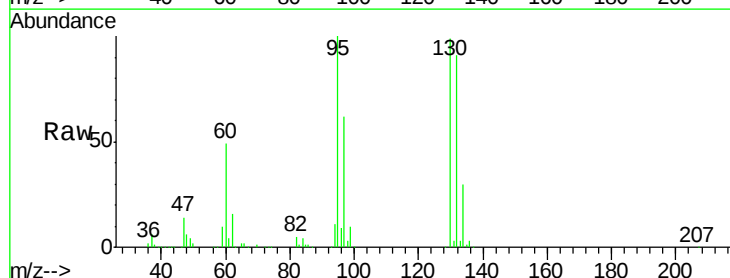
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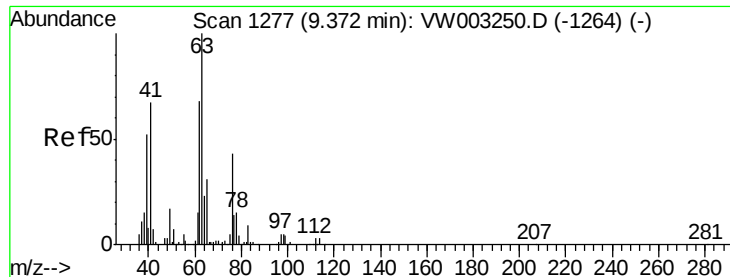
apatel
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#44
Trichloroethene
Concen: 50.70 ug/l
RT: 9.09 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VW003654.D
Acq: 29 Jun 2018 12:08

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.4	0.0	198.0





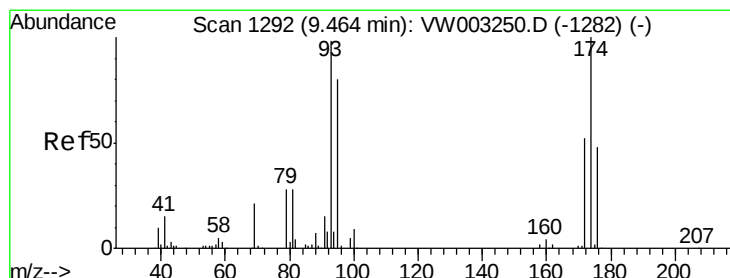
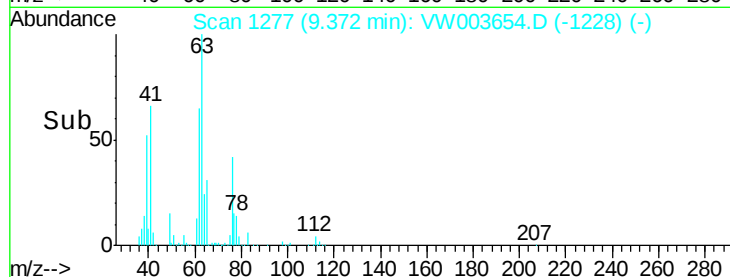
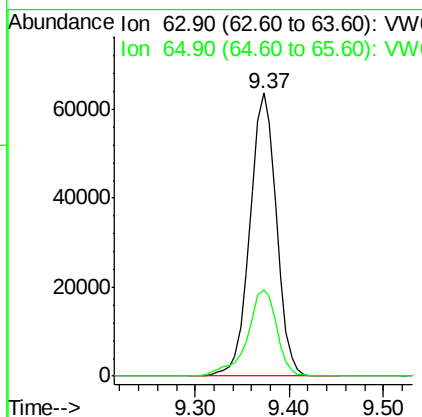
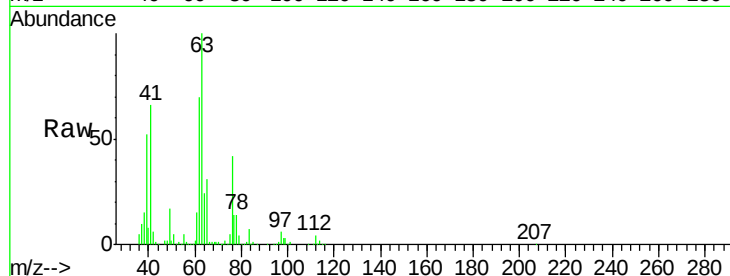
#45
 1,2-Dichloropropane
 Concen: 53.28 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW003654.D
 Acq: 29 Jun 2018 12:08

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tot Ion	63	Resp	124871
Ion Ratio	Lower	Upper	
63	100		
65	30.6	25.1	37.7

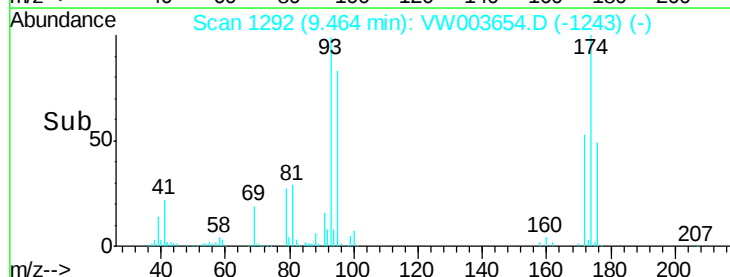
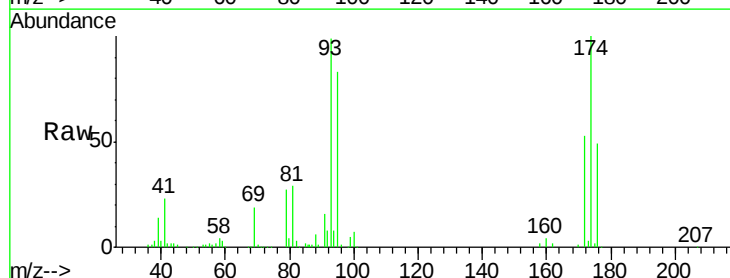
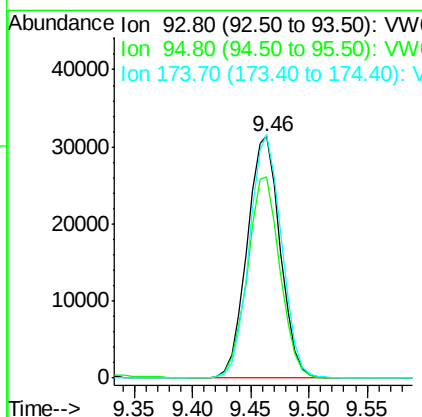
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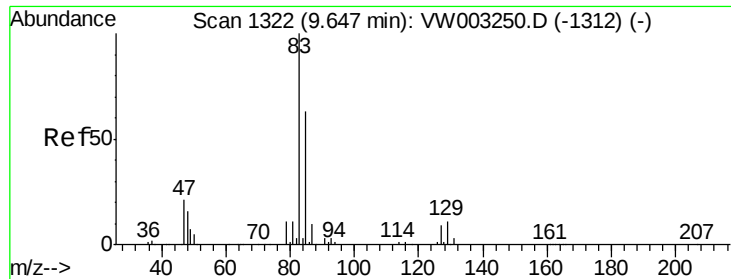
apatel
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#46
 Dibromomethane
 Concen: 51.76 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: VW003654.D
 Acq: 29 Jun 2018 12:08

Tgt Ion	93	Resp	62116
Ion Ratio	Lower	Upper	
93	100		
95	82.2	65.8	98.8
174	98.1	81.4	122.0





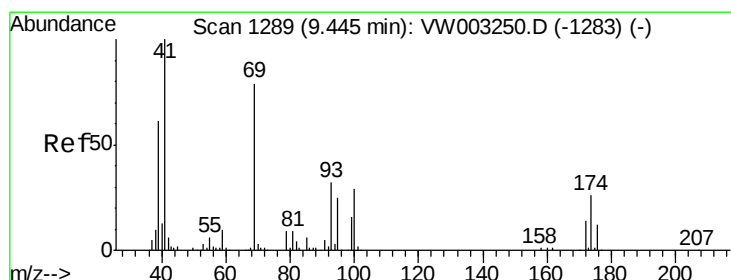
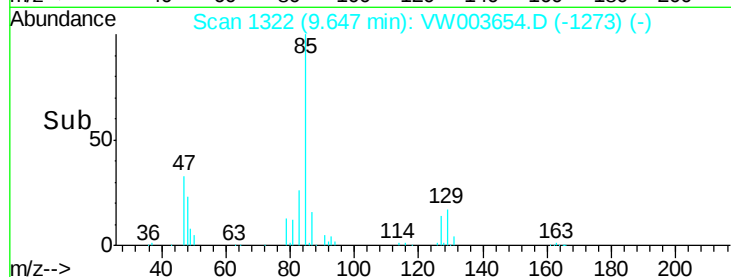
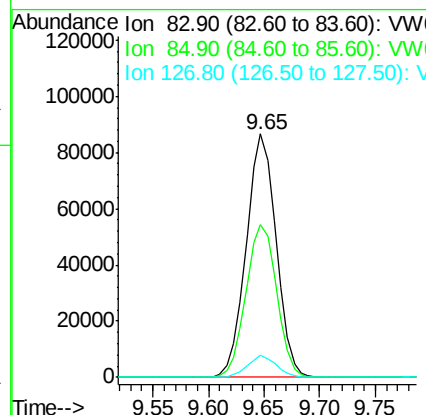
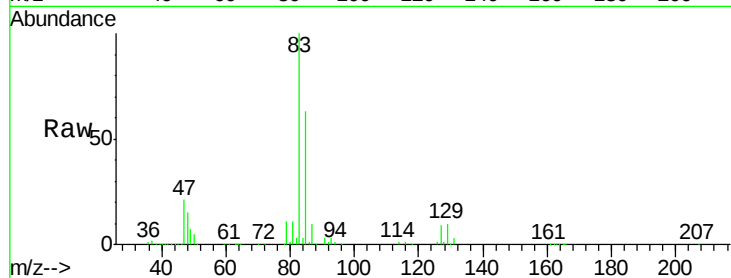
#47
Bromodichloromethane
Concen: 52.61 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VW003654.D
Acq: 29 Jun 2018 12:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	161833		
85	62.7	50.6	75.8	
127	8.9	6.8	10.2	

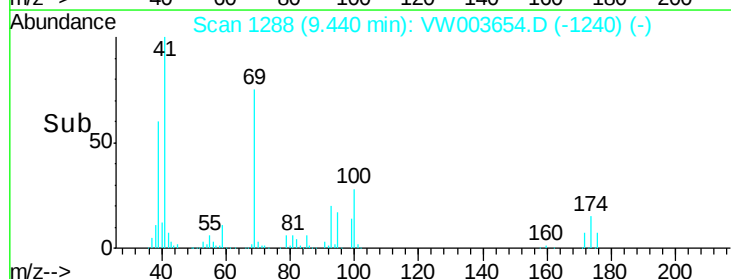
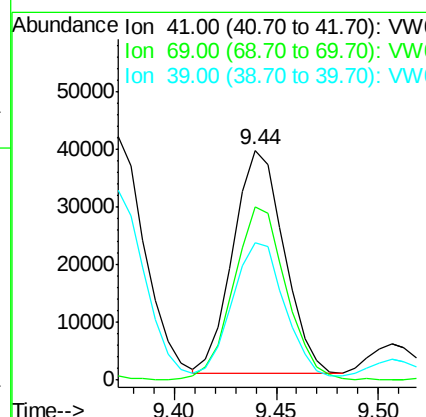
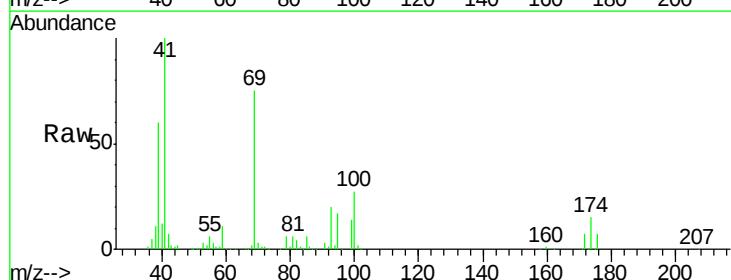
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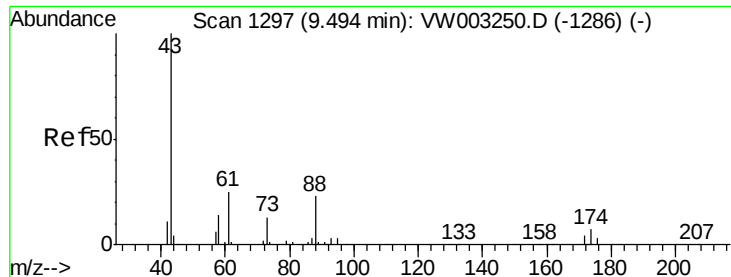
apatel
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#48
Methyl methacrylate
Concen: 51.97 ug/l
RT: 9.44 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VW003654.D
Acq: 29 Jun 2018 12:08

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	67092		
69	79.7	65.4	98.2	
39	64.1	54.2	81.2	





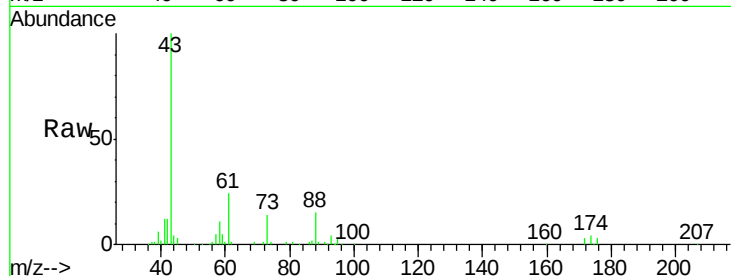
#49
1,4-Dioxane
Concen: 911.99 ug/l
RT: 9.49 min Scan# 1297
Delta R.T. 0.00 min
Lab File: VW003654.D
Acq: 29 Jun 2018 12:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	641.9	454.7	682.1
58	76.6	58.6	88.0

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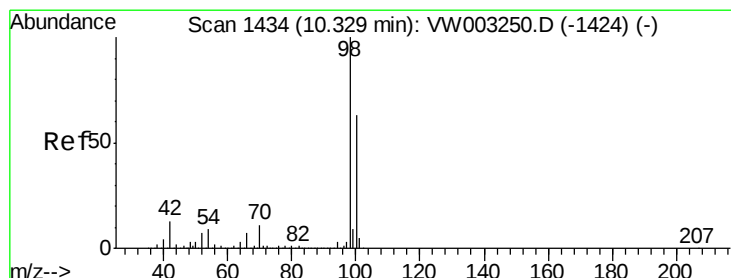
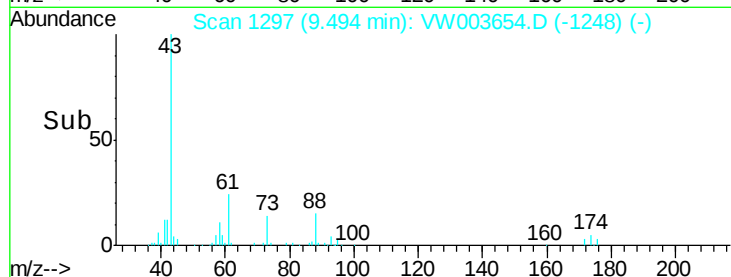
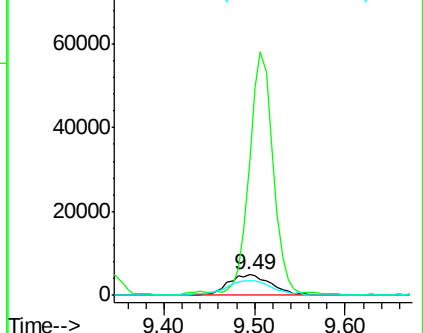


Abundance

Ion 88.00 (87.70 to 88.70): VW

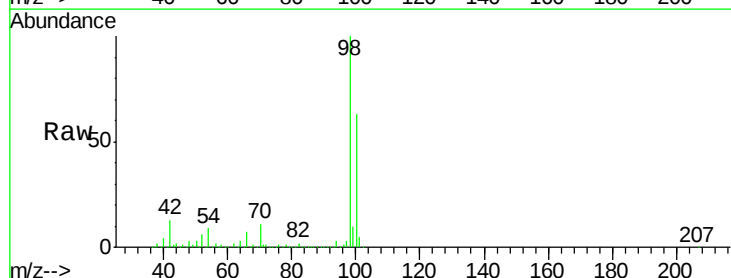
Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50
Toluene-d8
Concen: 52.76 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003654.D
Acq: 29 Jun 2018 12:08

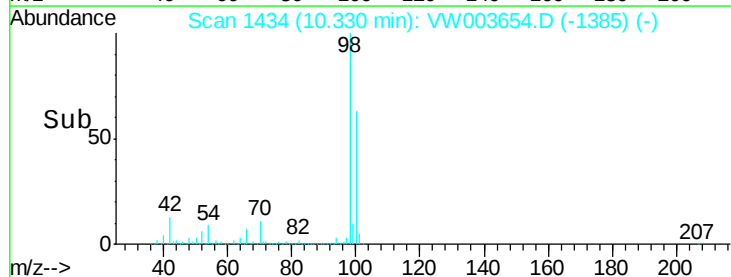
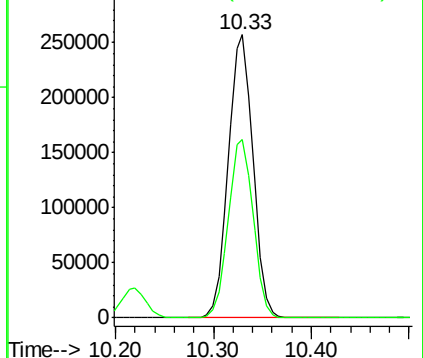
Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	50.8	76.2

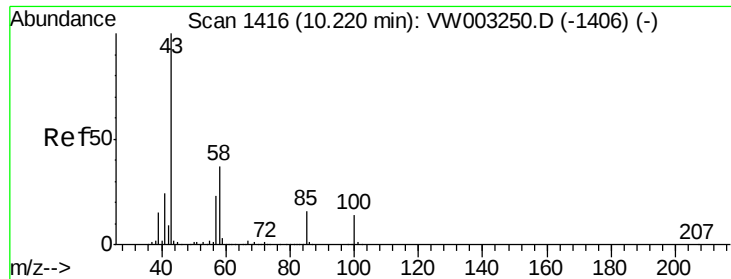


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 260.84 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.01 min

Lab File: VW003654.D

Acq: 29 Jun 2018 12:08

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 365134

Ion Ratio Lower Upper

43 100

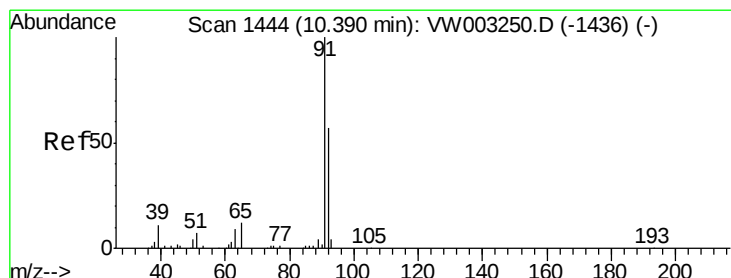
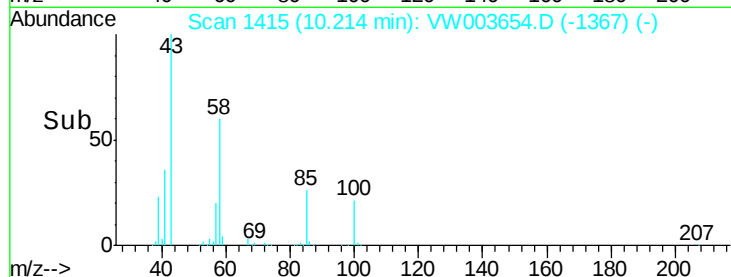
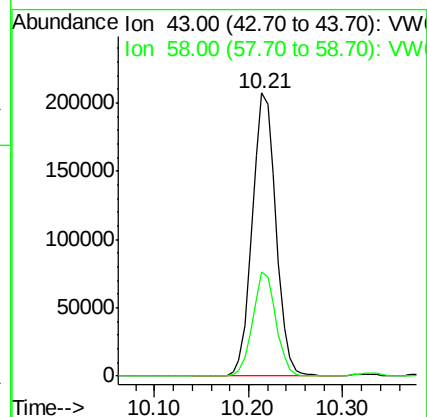
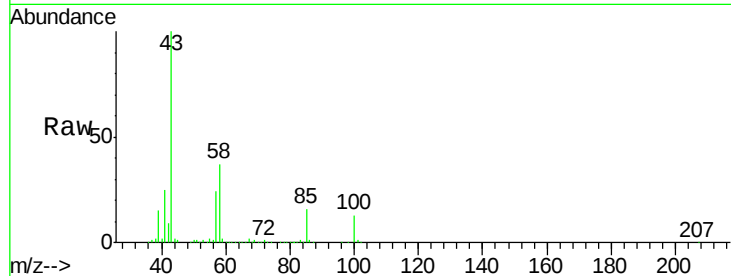
58 36.1 29.0 43.4

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#52

Toluene

Concen: 52.32 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW003654.D

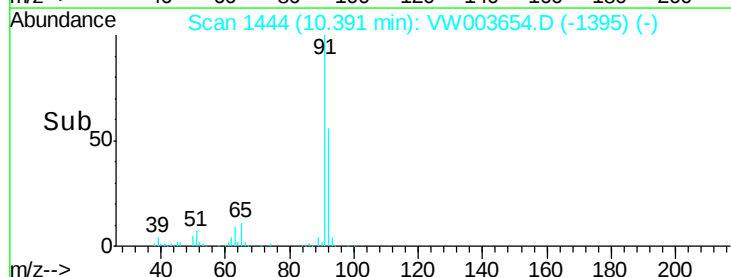
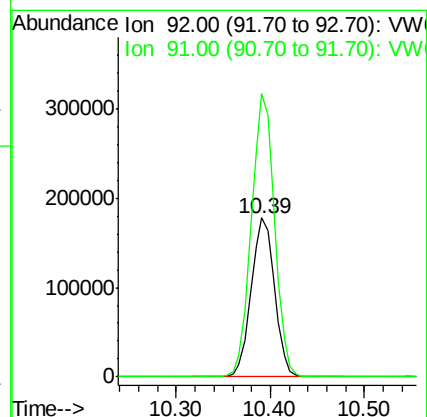
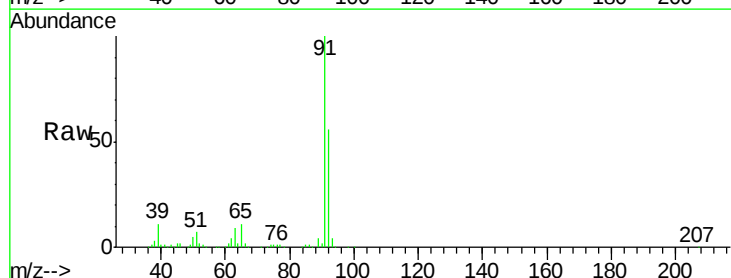
Acq: 29 Jun 2018 12:08

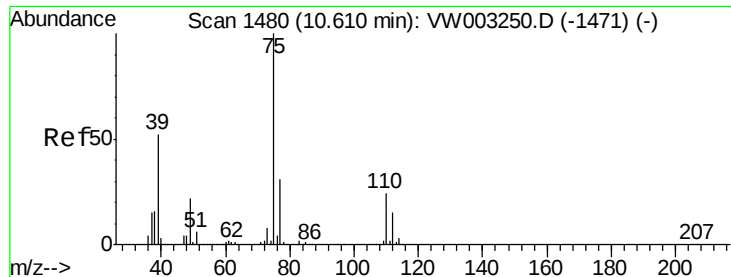
Tgt Ion: 92 Resp: 308861

Ion Ratio Lower Upper

92 100

91 176.7 141.1 211.7





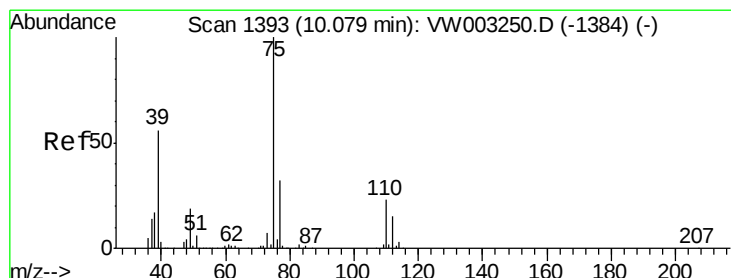
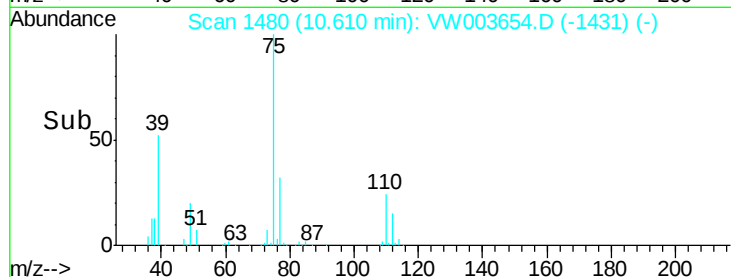
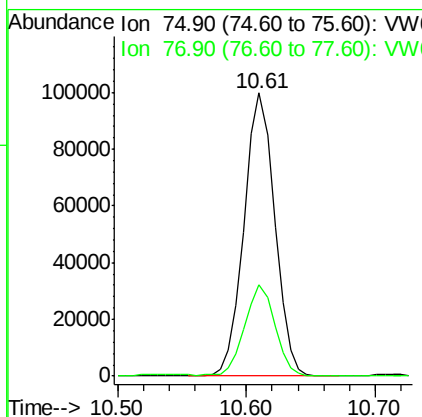
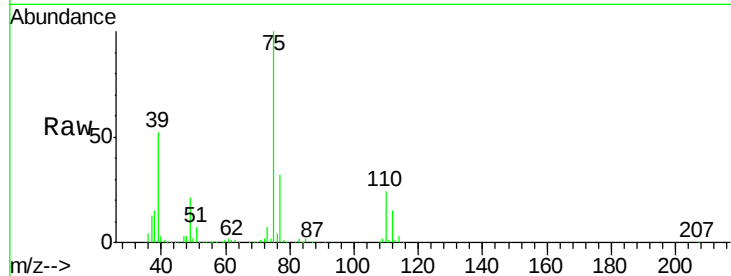
#53
t-1,3-Dichloropropene
Concen: 52.32 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VW003654.D
Acq: 29 Jun 2018 12:08

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.0	24.9	37.3

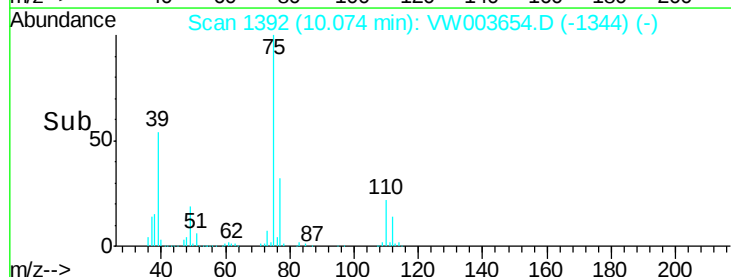
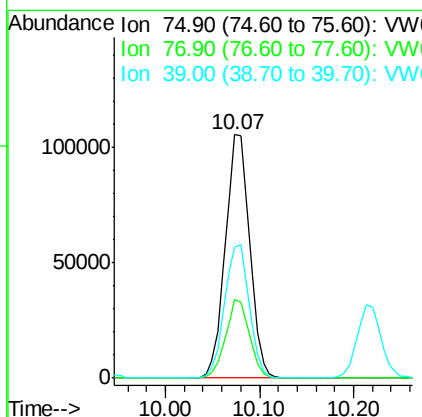
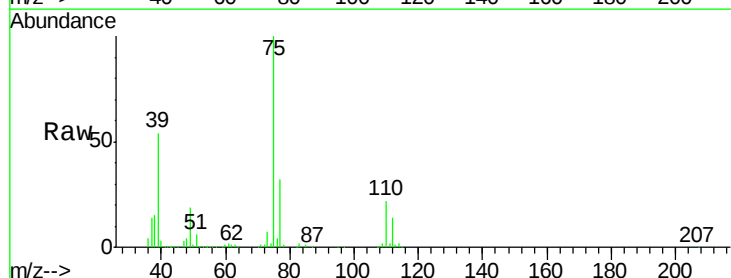
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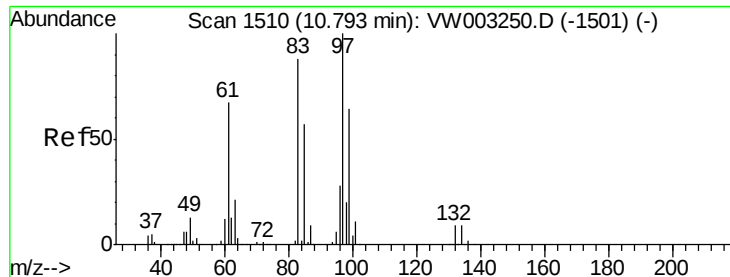
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#54
cis-1,3-Dichloropropene
Concen: 53.05 ug/l
RT: 10.07 min Scan# 1392
Delta R.T. -0.01 min
Lab File: VW003654.D
Acq: 29 Jun 2018 12:08

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.8	38.6
39	53.6	45.2	67.8





#55

1,1,2-Trichloroethane

Concen: 52.29 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VW003654.D

Acq: 29 Jun 2018 12:08

Instrument :

MSVOA_W

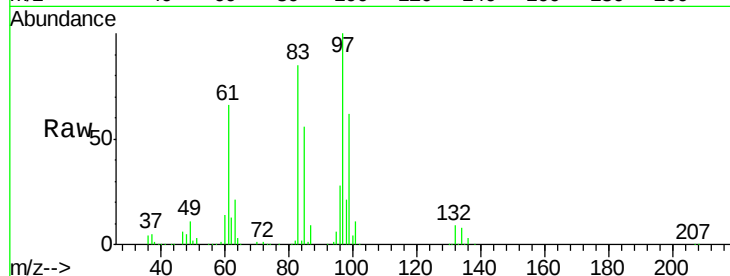
ClientSampleId :

VSTDCCC050

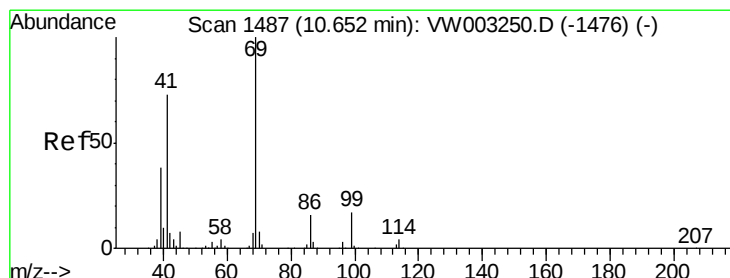
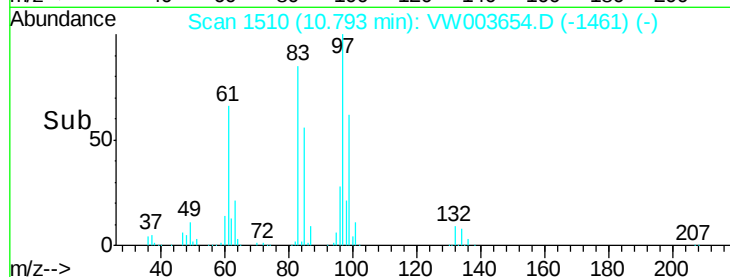
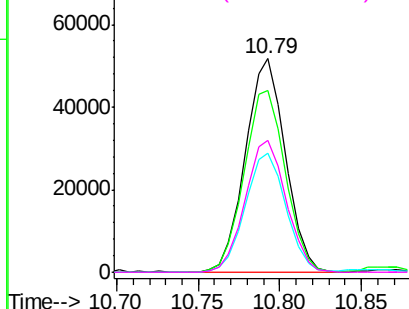
Tot Ion:	97	Resp:	88415
Ion	Ratio	Lower	Upper
97	100		
83	85.0	70.2	105.2
85	55.8	45.6	68.4
99	61.9	51.2	76.8

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Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 53.04 ug/l

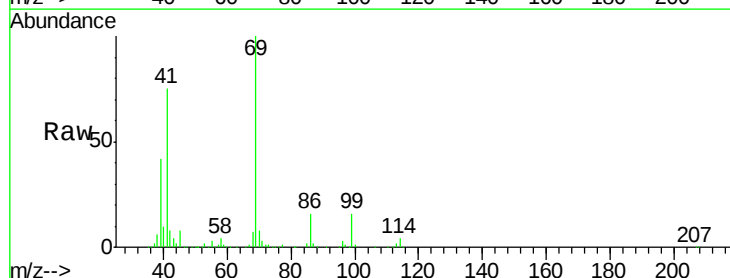
RT: 10.65 min Scan# 1487

Delta R.T. 0.00 min

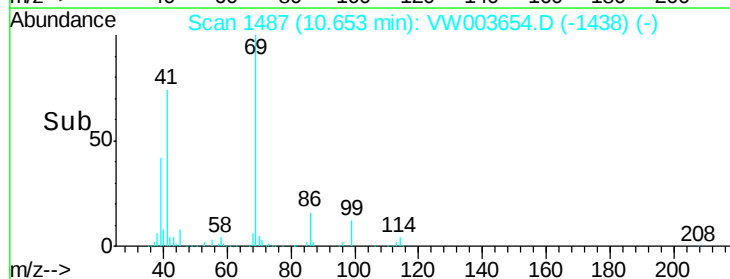
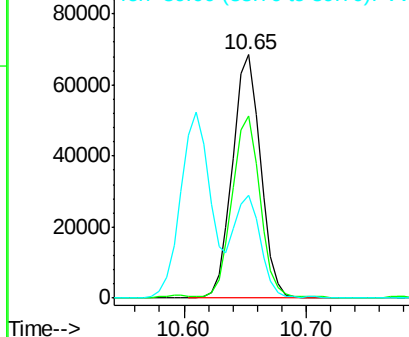
Lab File: VW003654.D

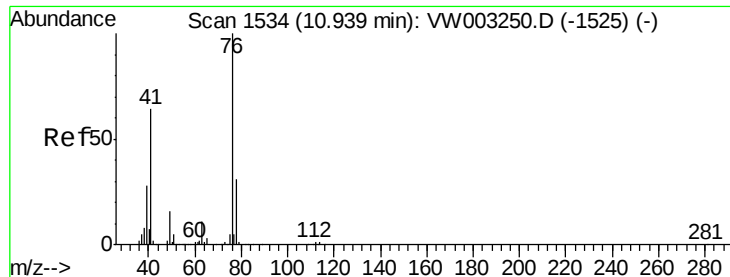
Acq: 29 Jun 2018 12:08

Tgt Ion:	69	Resp:	108909
Ion	Ratio	Lower	Upper
69	100		
41	74.5	57.8	86.6
39	38.3	32.7	49.1



Abundance Ion 69.00 (68.70 to 69.70): VW
Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW





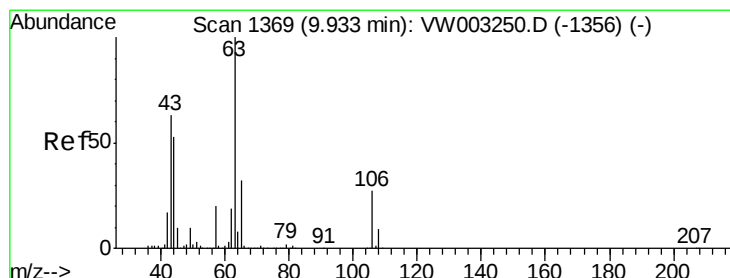
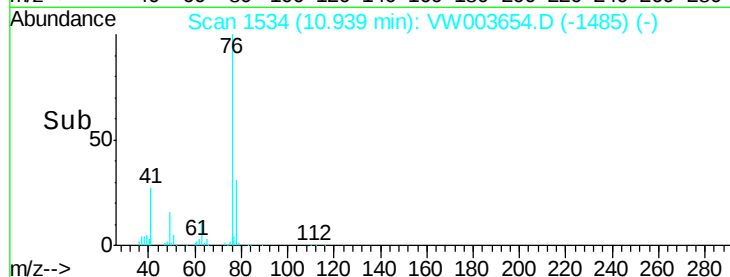
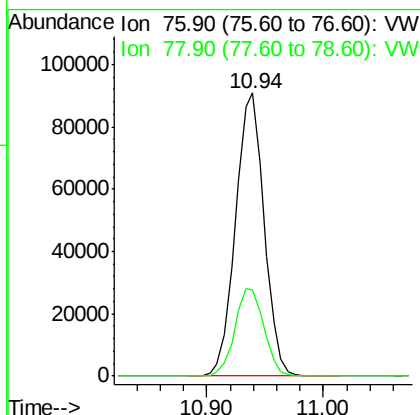
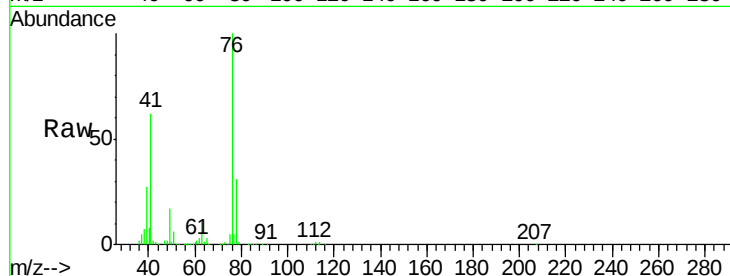
#57
 1,3-Dichloropropane
 Concen: 53.26 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VW003654.D
 Acq: 29 Jun 2018 12:08

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tot Ion: 76 Resp: 155314
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.7 38.5

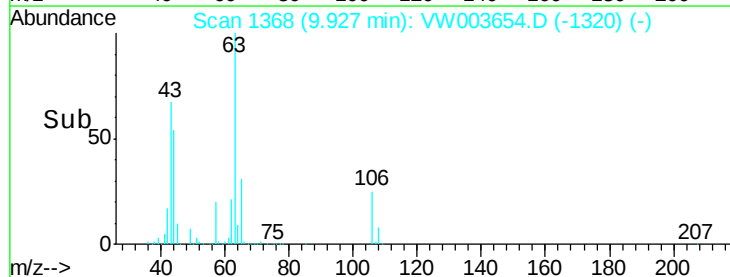
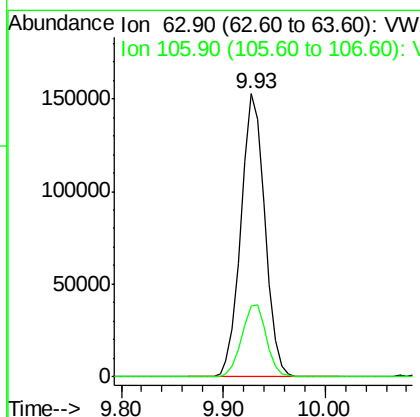
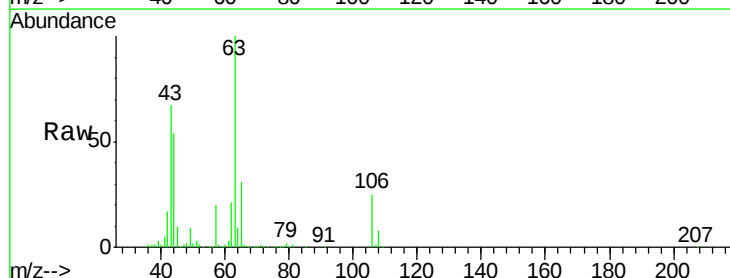
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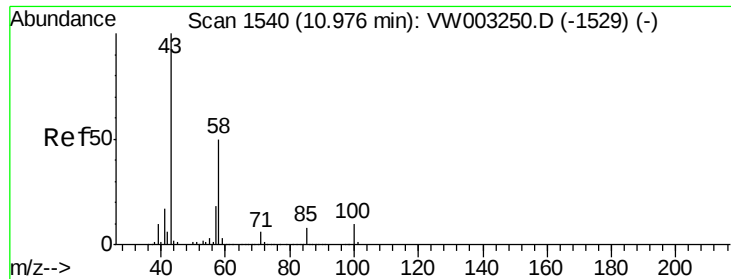
apatel
 7/2/2018 10:23:13 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 269.22 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: VW003654.D
 Acq: 29 Jun 2018 12:08

Tgt Ion: 63 Resp: 247818
 Ion Ratio Lower Upper
 63 100
 106 26.3 21.8 32.8





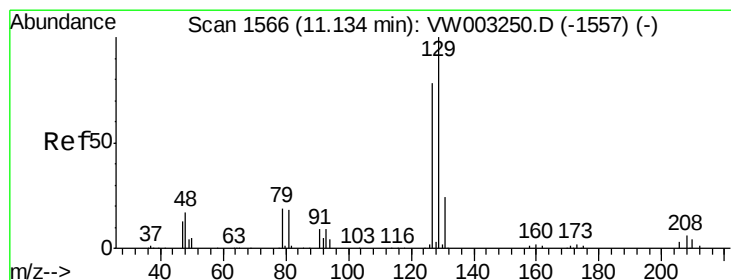
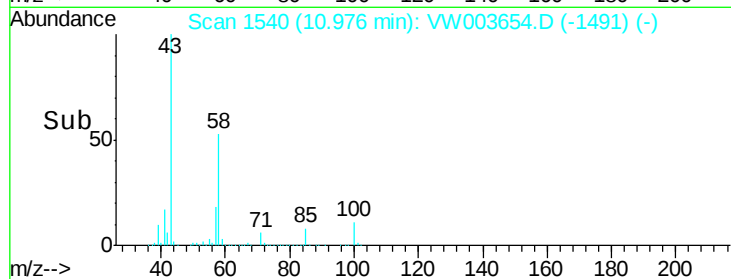
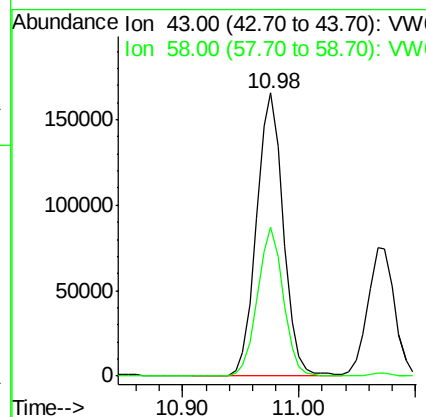
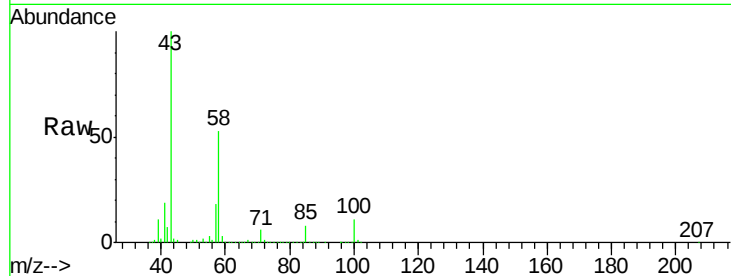
#59
2-Hexanone
Concen: 273.11 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003654.D
Acq: 29 Jun 2018 12:08

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion: 43 Resp: 267075
Ion Ratio Lower Upper
43 100
58 50.6 25.0 75.0

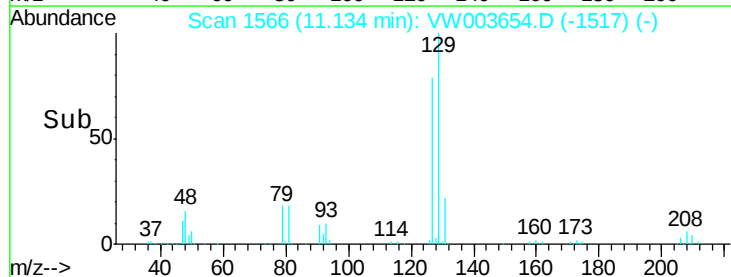
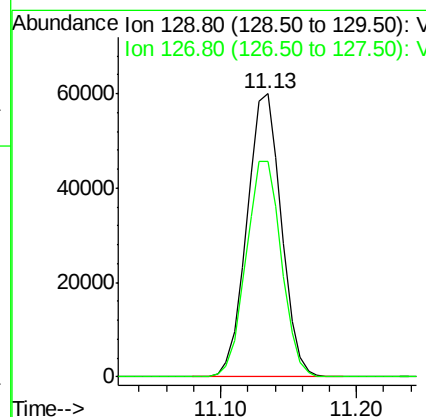
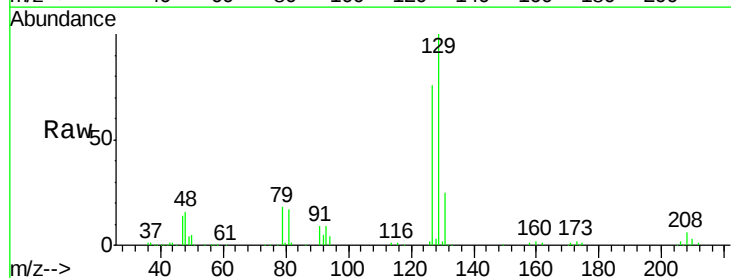
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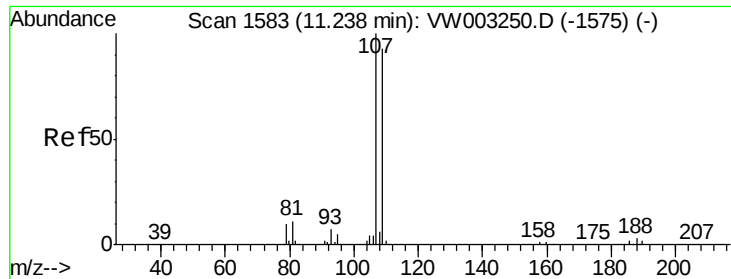
apatel
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#60
Dibromochloromethane
Concen: 52.93 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW003654.D
Acq: 29 Jun 2018 12:08

Tgt Ion:129 Resp: 106432
Ion Ratio Lower Upper
129 100
127 77.9 39.1 117.5





#61

1,2-Dibromoethane

Concen: 51.51 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VW003654.D

Acq: 29 Jun 2018 12:08

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 107 Resp: 82390

Ion Ratio Lower Upper

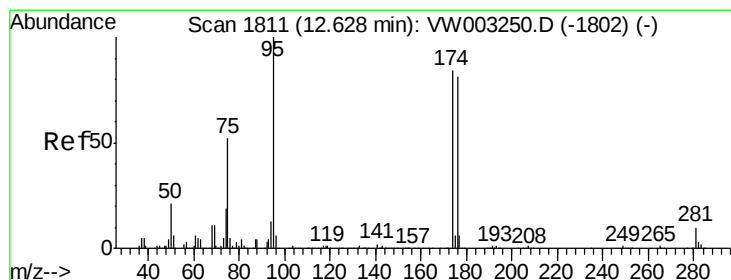
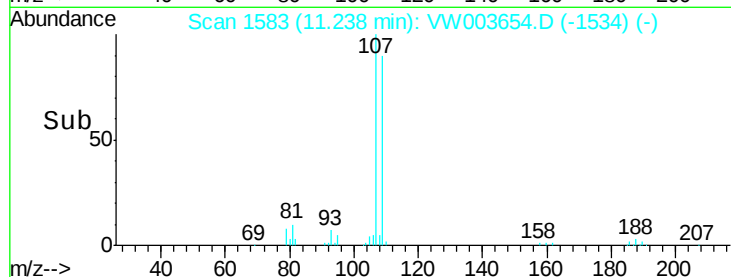
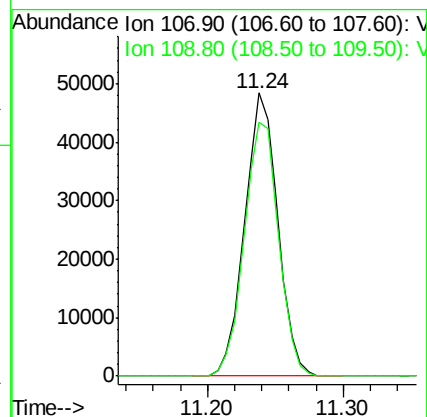
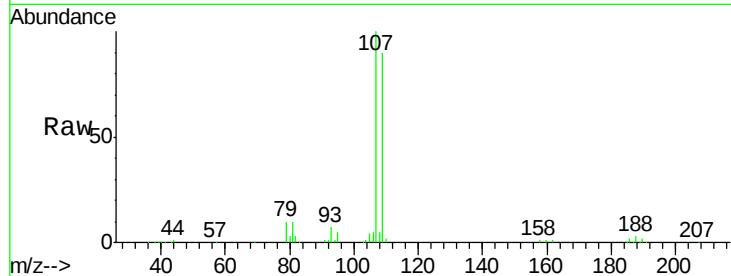
107 100

109 93.4 75.8 113.6

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 54.28 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.01 min

Lab File: VW003654.D

Acq: 29 Jun 2018 12:08

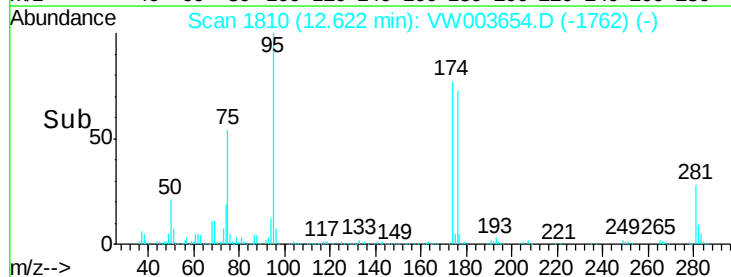
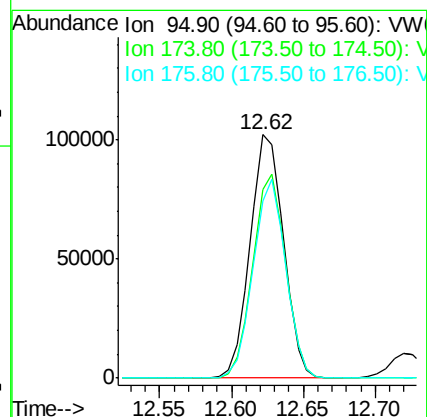
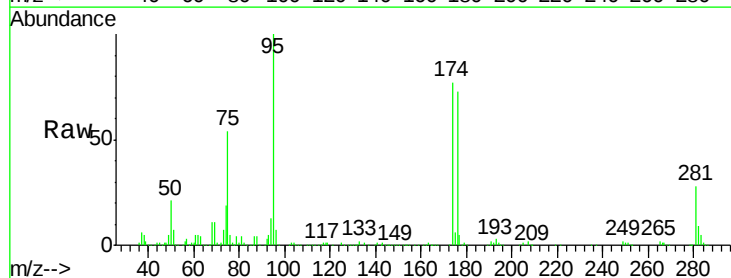
Tgt Ion: 95 Resp: 163665

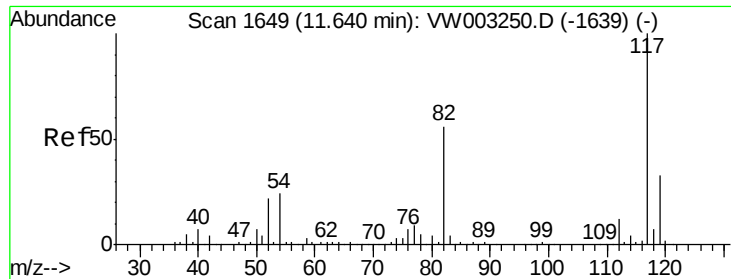
Ion Ratio Lower Upper

95 100

174 82.1 0.0 166.4

176 79.4 0.0 162.0





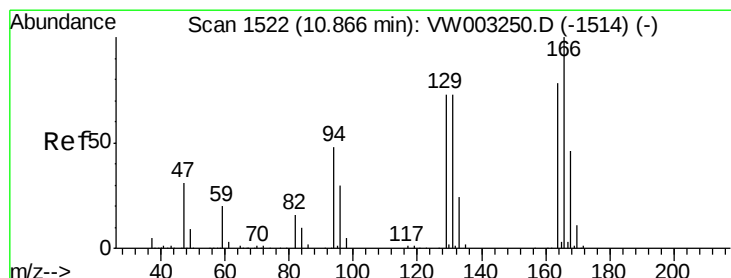
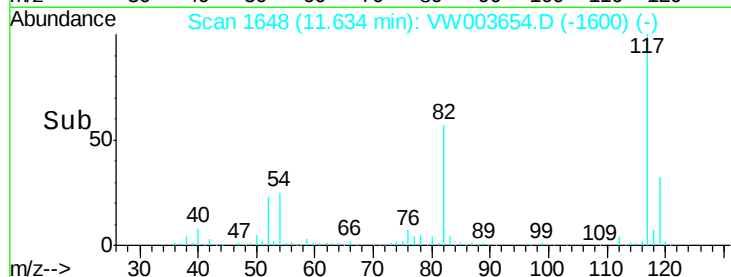
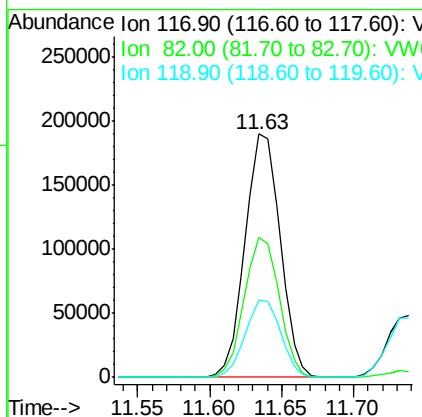
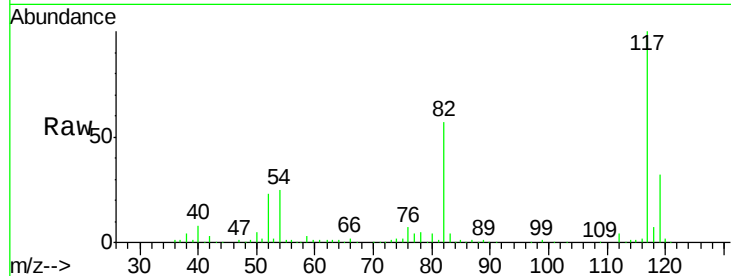
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003654.D
Acq: 29 Jun 2018 12:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.4	44.6	67.0
119	31.5	26.7	40.1

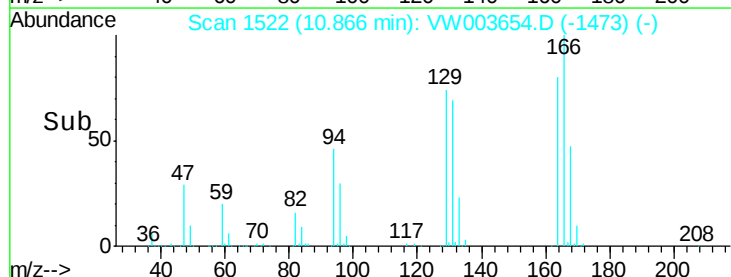
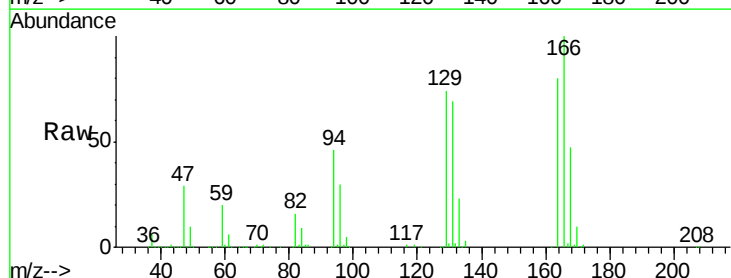
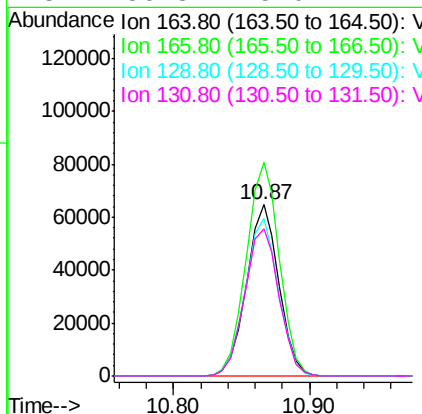
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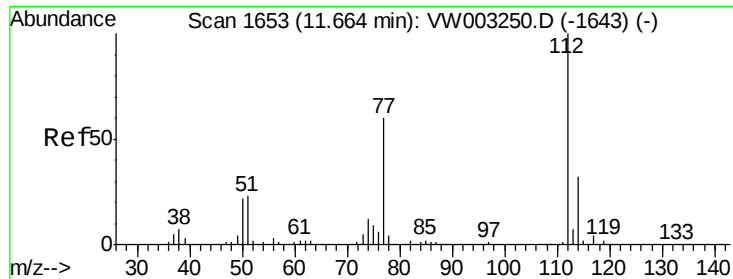
apatel
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#64
Tetrachloroethene
Concen: 50.01 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003654.D
Acq: 29 Jun 2018 12:08

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.8	102.6	154.0
129	92.3	75.2	112.8
131	86.3	75.0	112.4





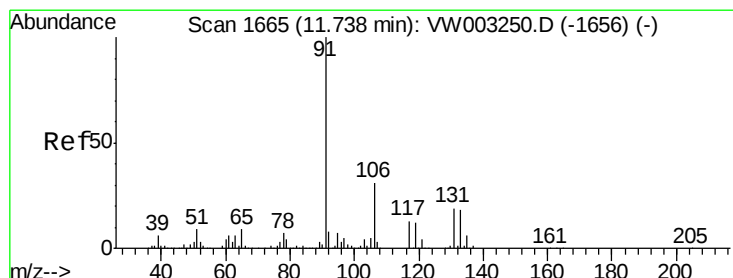
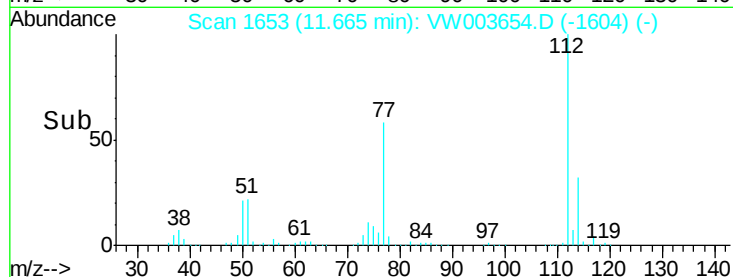
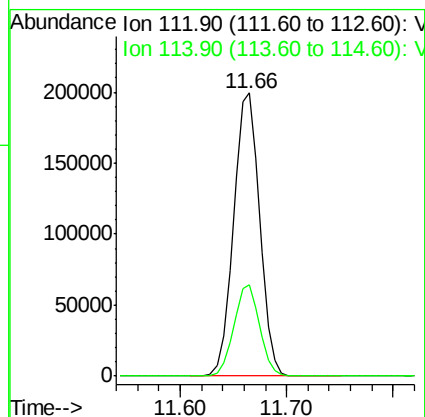
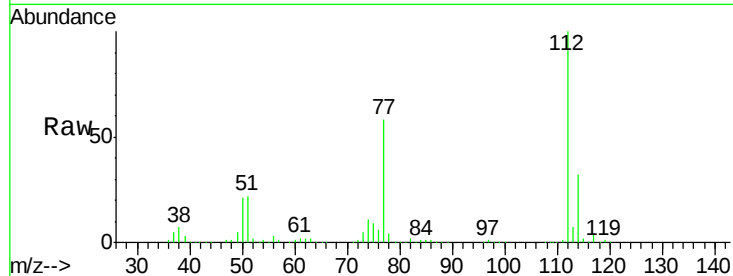
#65
Chlorobenzene
Concen: 51.03 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW003654.D
Acq: 29 Jun 2018 12:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 341793
Ion Ratio Lower Upper
112 100
114 32.5 25.9 38.9

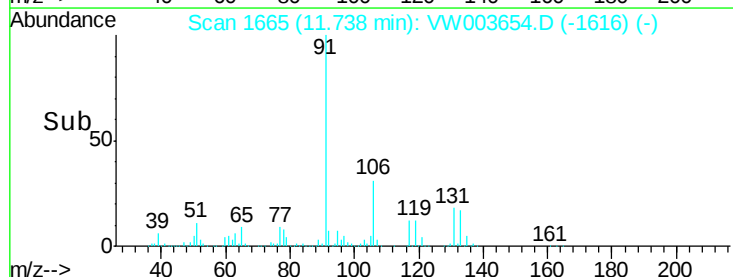
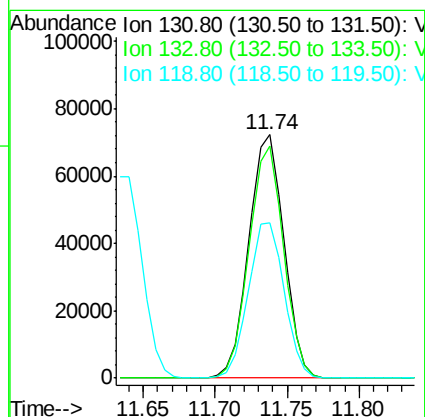
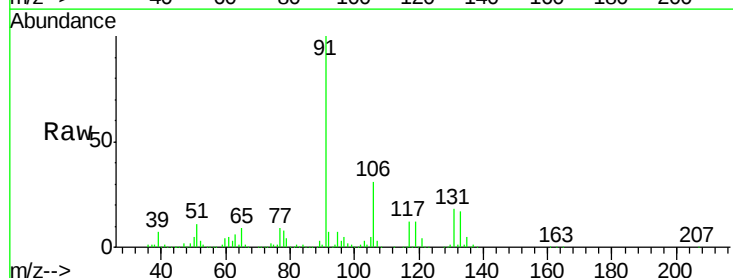
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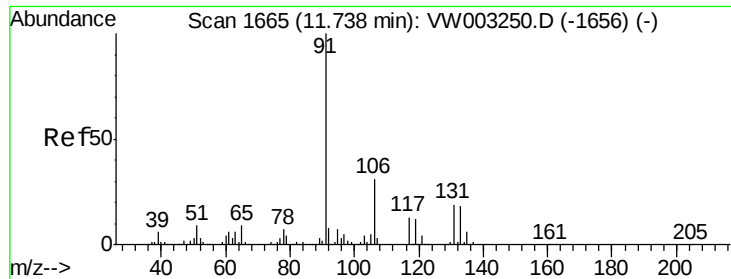
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.80 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003654.D
Acq: 29 Jun 2018 12:08

Tgt Ion:131 Resp: 121917
Ion Ratio Lower Upper
131 100
133 94.0 47.3 142.0
119 65.2 32.5 97.4





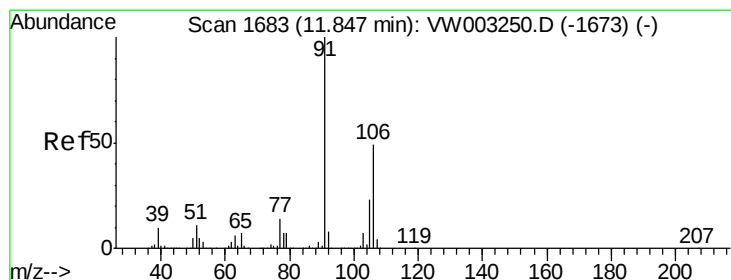
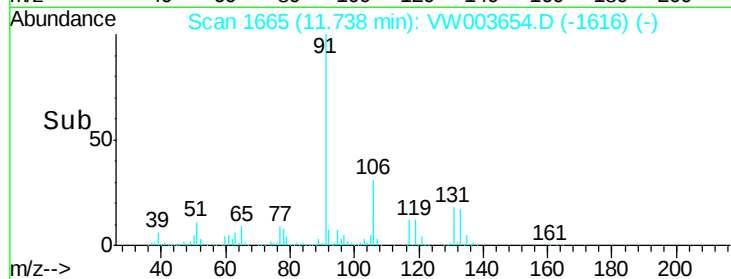
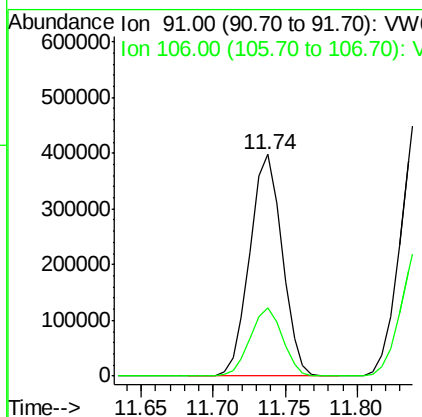
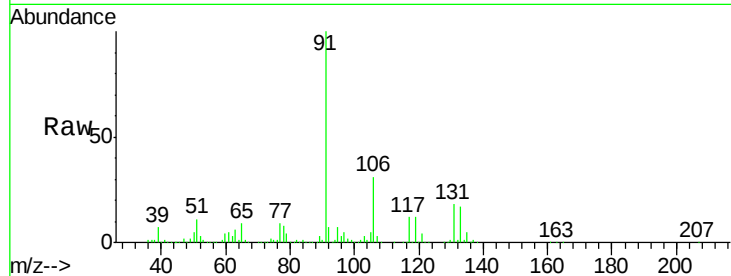
#67
Ethyl Benzene
Concen: 52.32 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003654.D
Acq: 29 Jun 2018 12:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
91	100			
106	30.6	24.7	37.1	

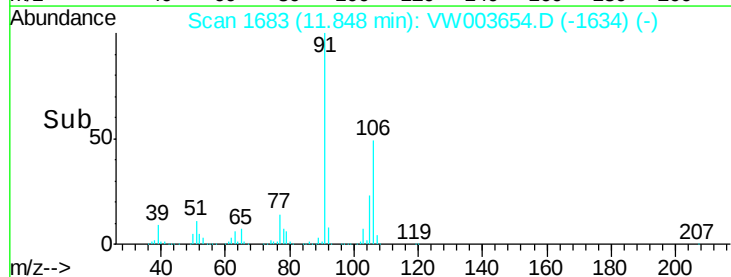
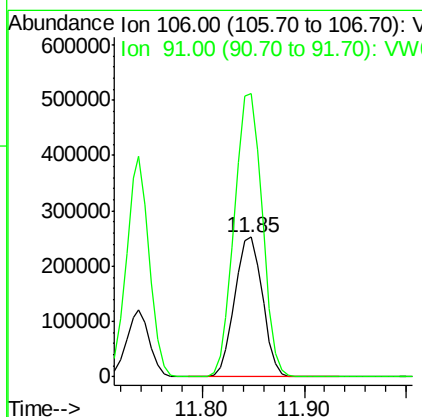
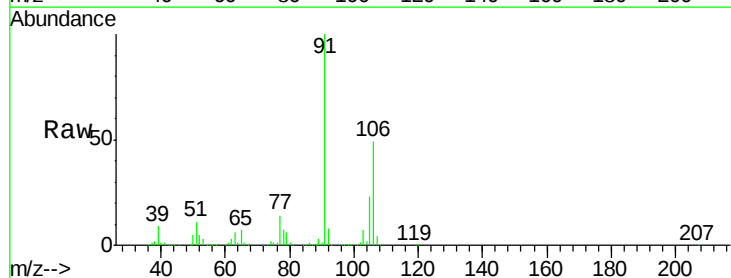
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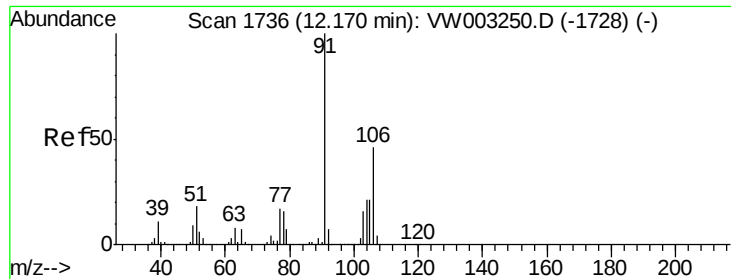
apatel
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#68
m/p-Xylenes
Concen: 105.45 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW003654.D
Acq: 29 Jun 2018 12:08

Tgt Ion	Ion	Ratio	Lower	Upper
106	100			
91	203.5	165.4	248.0	





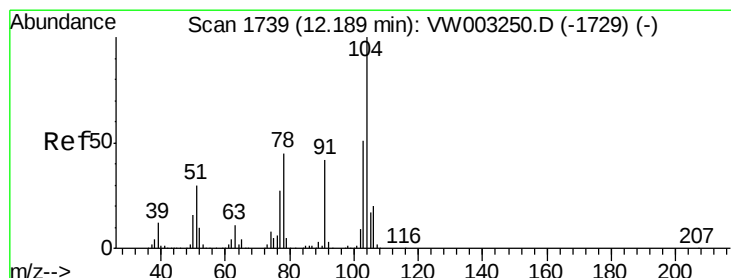
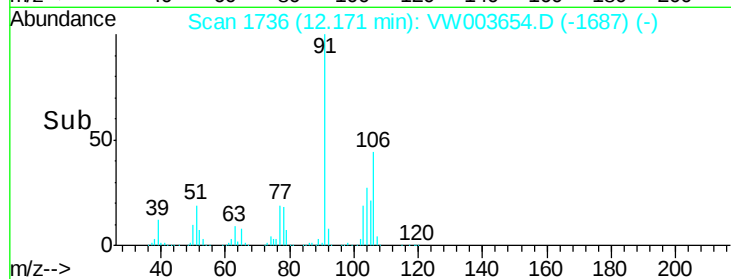
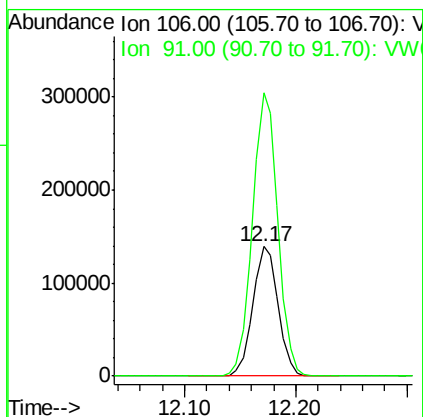
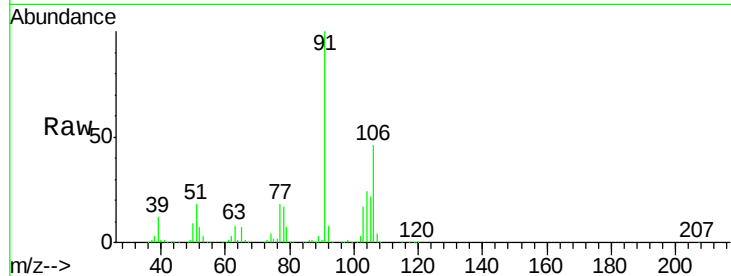
#69
o-Xylene
Concen: 52.50 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003654.D
Acq: 29 Jun 2018 12:08

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		219574		
91	219.7	108.6	325.6		

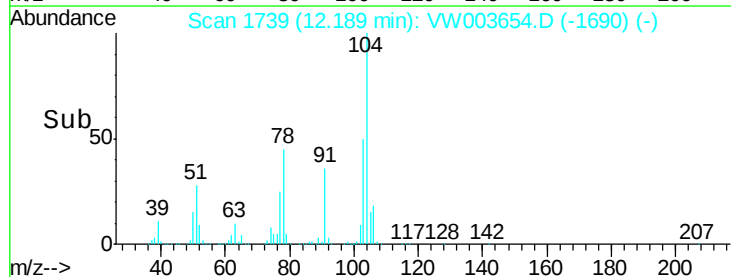
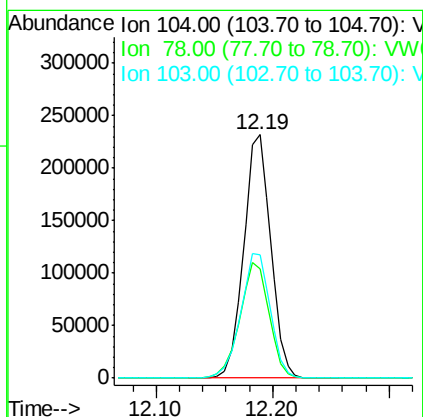
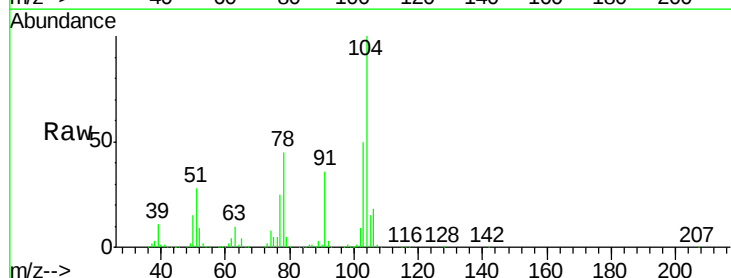
Manual Integrations
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#70
Styrene
Concen: 54.13 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW003654.D
Acq: 29 Jun 2018 12:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		376840		
78	51.1	41.3	61.9		
103	55.6	45.0	67.4		





#71

Bromoform

Concen: 50.65 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW003654.D

Acq: 29 Jun 2018 12:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 61785

Ion Ratio Lower Upper

173 100

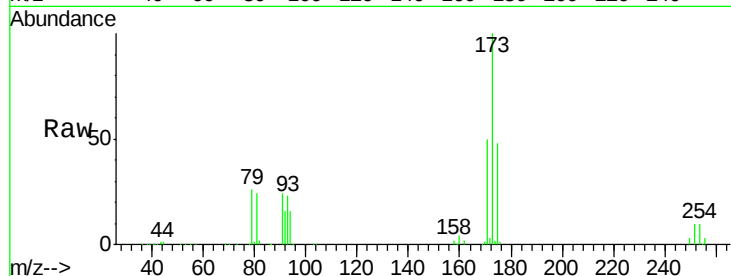
175 49.0 24.4 73.4

254 0.1 0.1 0.1#

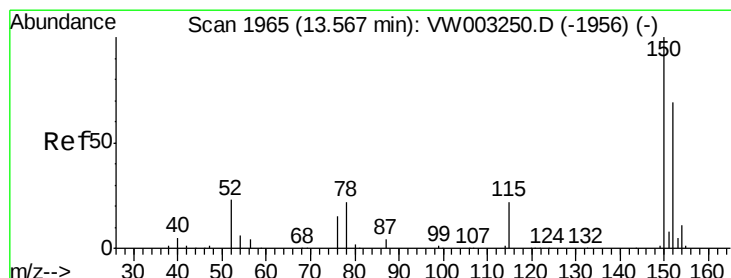
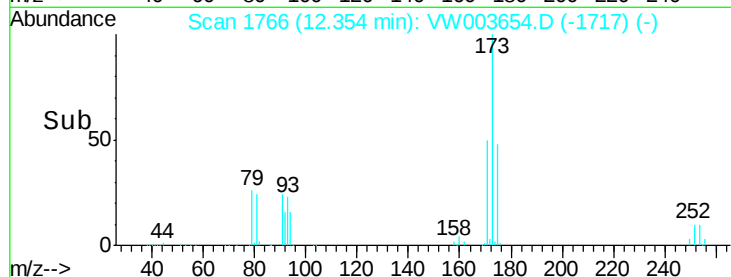
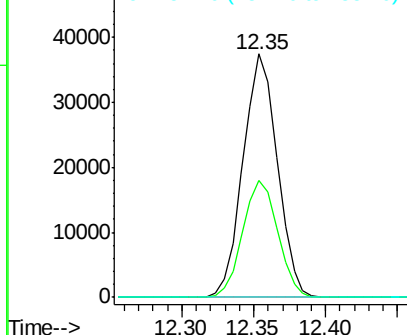
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW003654.D

Acq: 29 Jun 2018 12:08

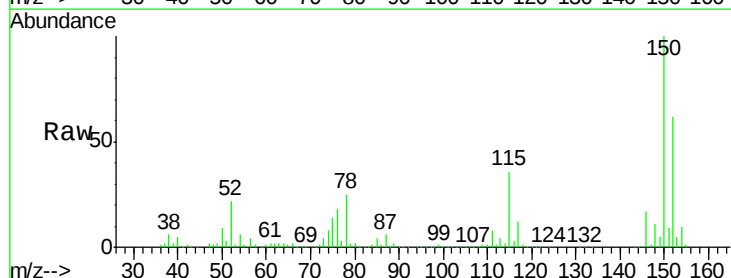
Tgt Ion:152 Resp: 172959

Ion Ratio Lower Upper

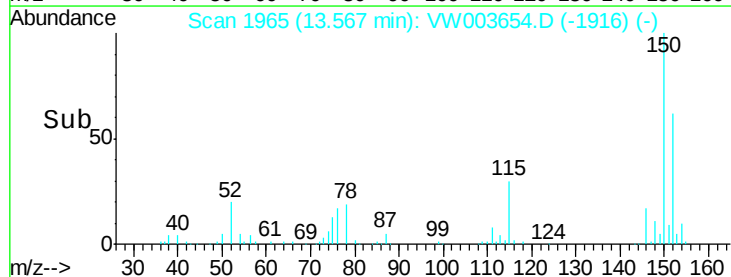
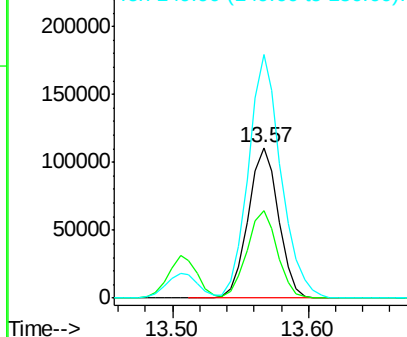
152 100

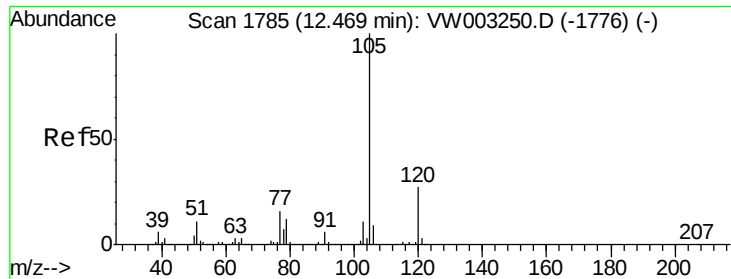
115 57.9 29.3 88.0

150 174.4 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: 52.20 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003654.D

Acq: 29 Jun 2018 12:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 628013

Ion Ratio Lower Upper

105 100

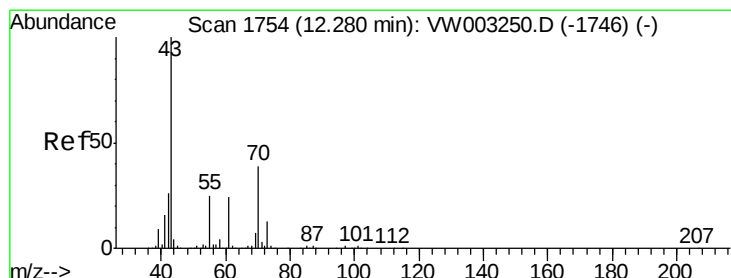
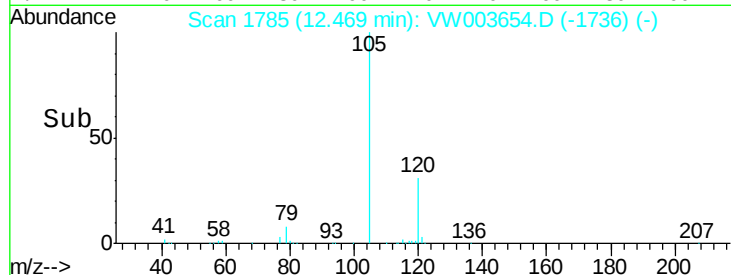
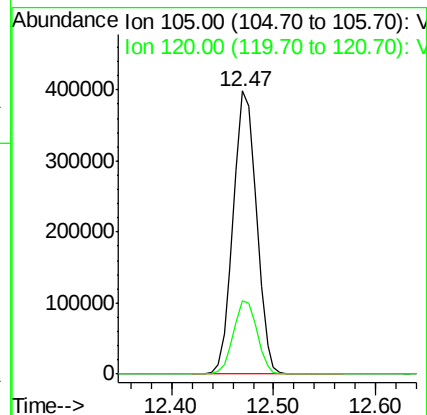
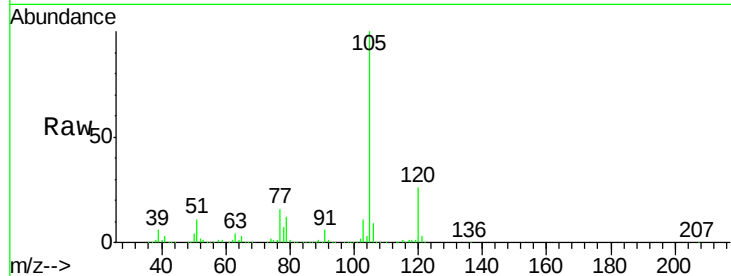
120 26.3 13.2 39.6

Manual Integrations

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#74

N-ethyl acetate

Concen: 49.81 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW003654.D

Acq: 29 Jun 2018 12:08

Tgt Ion: 43 Resp: 136376

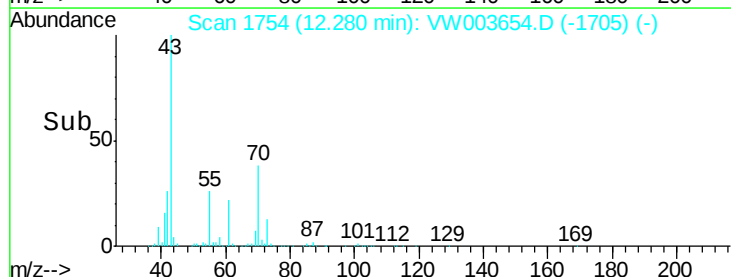
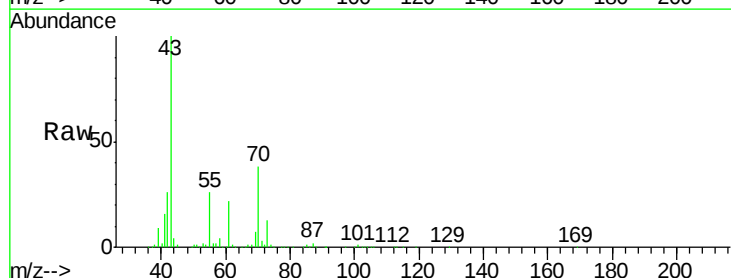
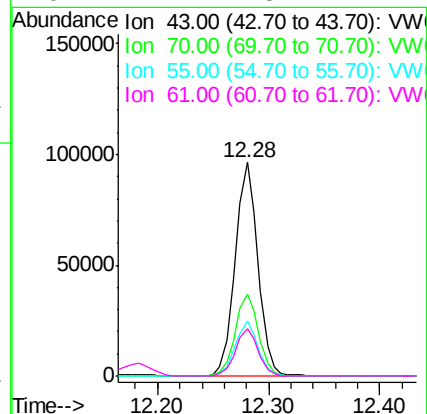
Ion Ratio Lower Upper

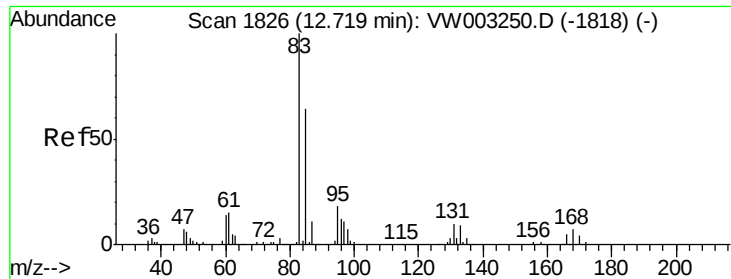
43 100

70 38.9 31.0 46.6

55 25.5 19.7 29.5

61 22.1 18.1 27.1





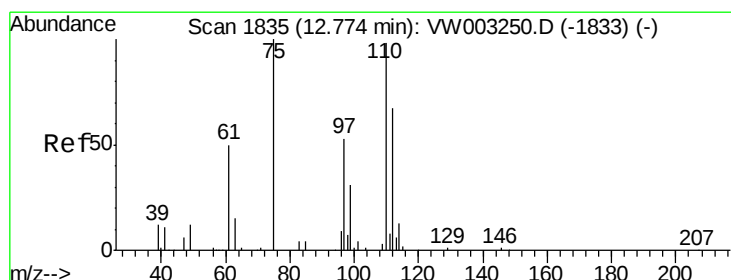
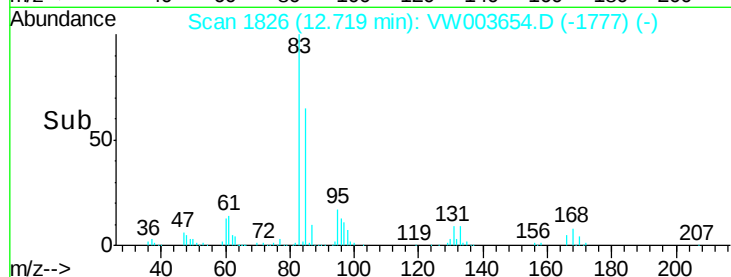
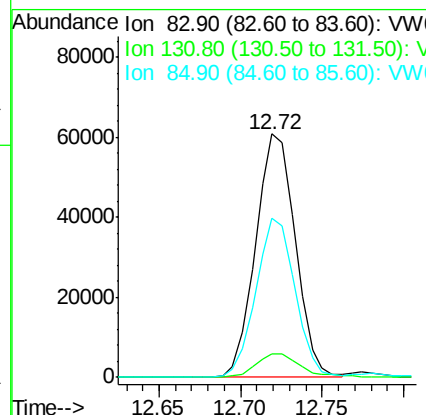
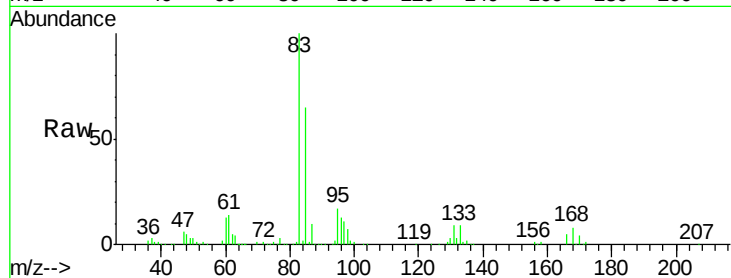
#75
 1,1,2,2-Tetrachloroethane
 Concen: 50.63 ug/l
 RT: 12.72 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VW003654.D
 Acq: 29 Jun 2018 12:08

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tot Ion	83	Resp	103036
Ion Ratio	100	Lower	Upper
83	100		
131	10.7	5.4	16.2
85	64.3	31.9	95.7

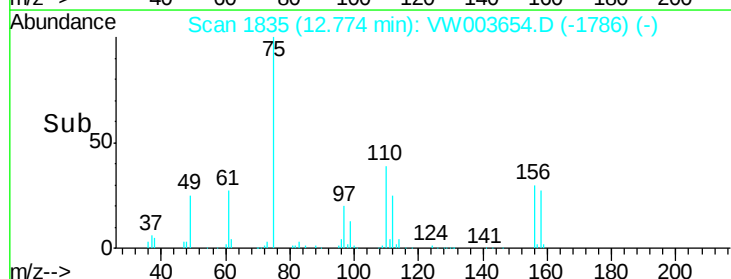
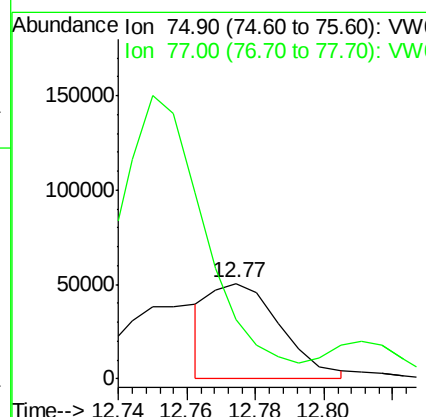
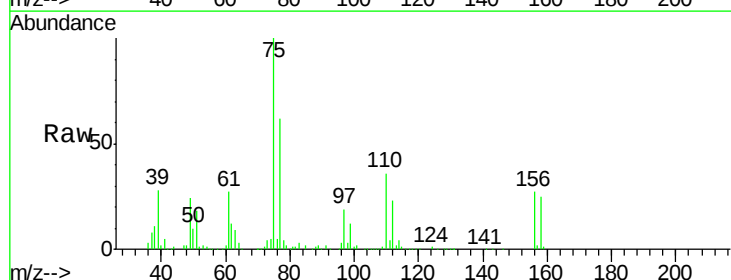
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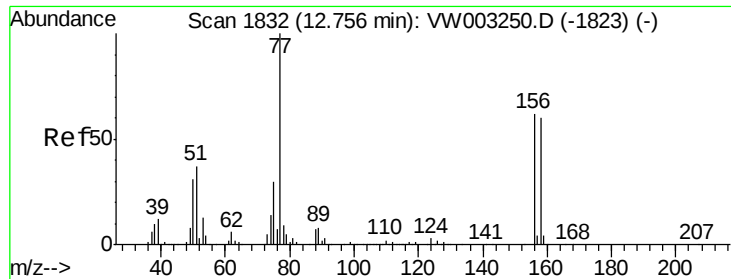
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#76
 1,2,3-Trichloropropane
 Concen: 49.25 ug/l m
 RT: 12.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VW003654.D
 Acq: 29 Jun 2018 12:08

Tgt Ion	75	Resp	72824
Ion Ratio	100	Lower	Upper
75	100		
77	0.0	0.0	0.0





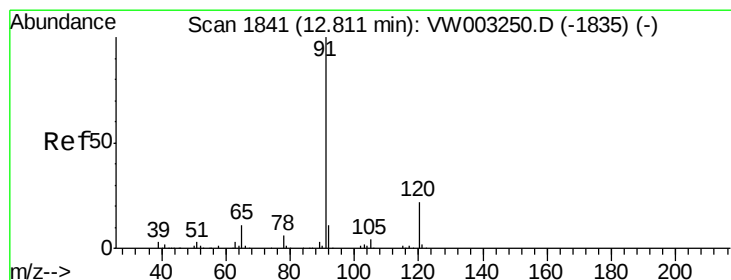
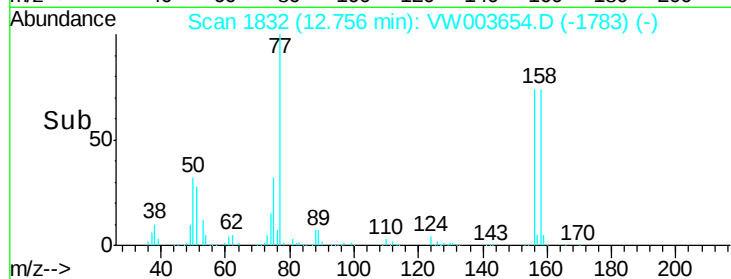
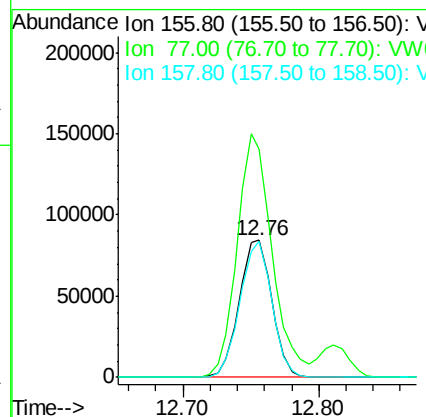
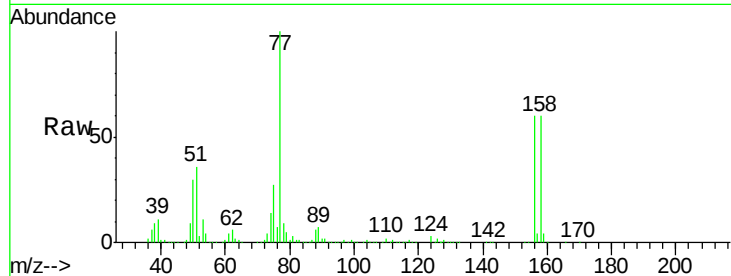
#77
Bromobenzene
Concen: 50.57 ug/l
RT: 12.76 min Scan# 1832
Delta R.T. 0.00 min
Lab File: VW003654.D
Acq: 29 Jun 2018 12:08

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	189.6	92.3	276.9
158	96.3	47.5	142.6

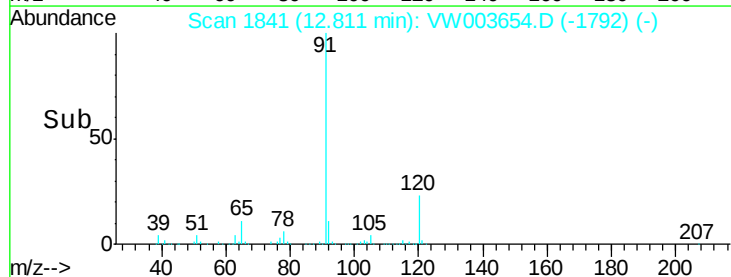
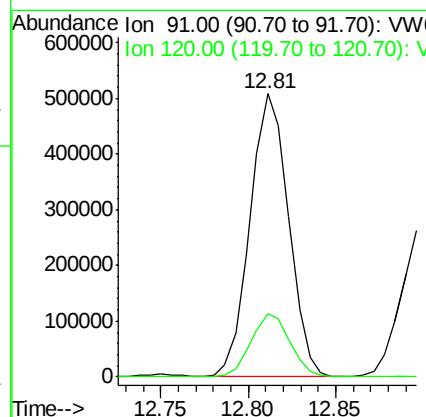
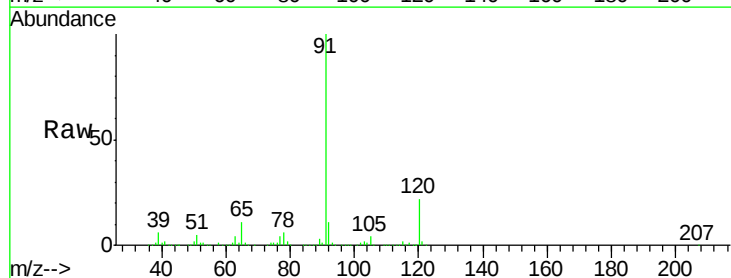
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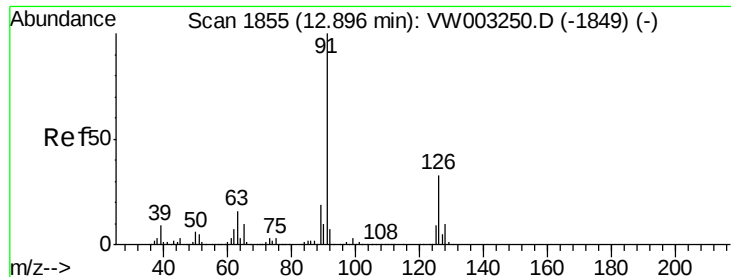
apatel
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#78
n-propylbenzene
Concen: 52.90 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VW003654.D
Acq: 29 Jun 2018 12:08

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.5	11.3	33.8





#79

2-Chlorotoluene

Concen: 52.03 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW003654.D

Acq: 29 Jun 2018 12:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 433134

Ion Ratio Lower Upper

91 100

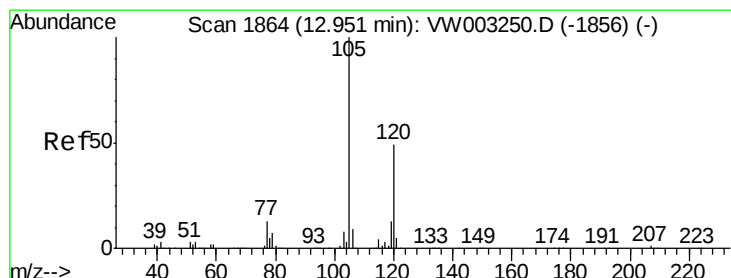
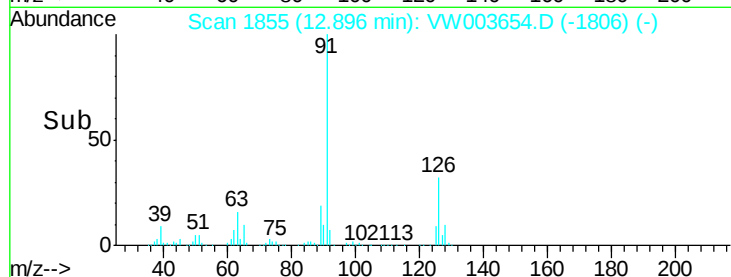
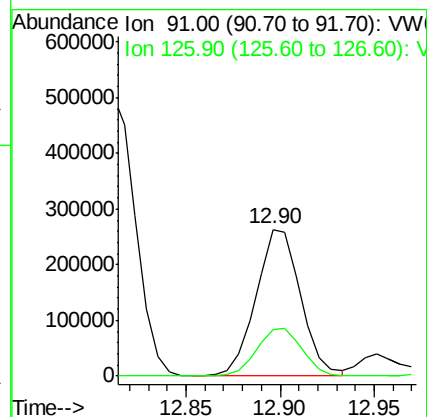
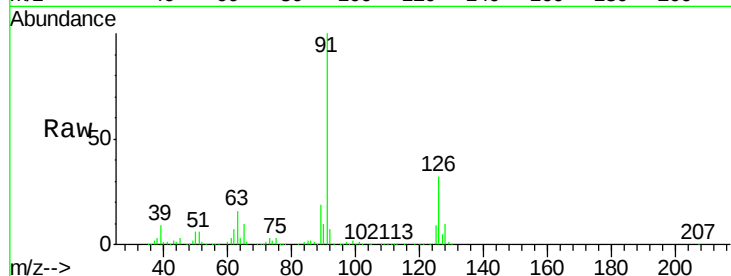
126 33.2 16.8 50.4

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#80

1,3,5-Trimethylbenzene

Concen: 52.86 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003654.D

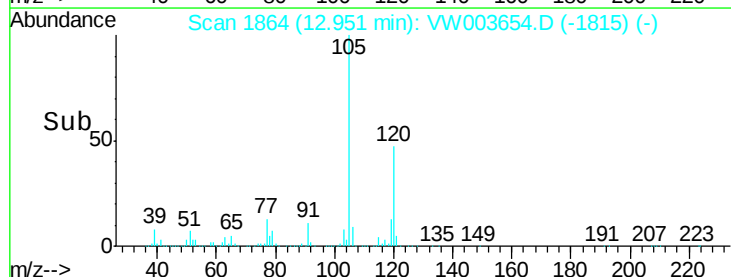
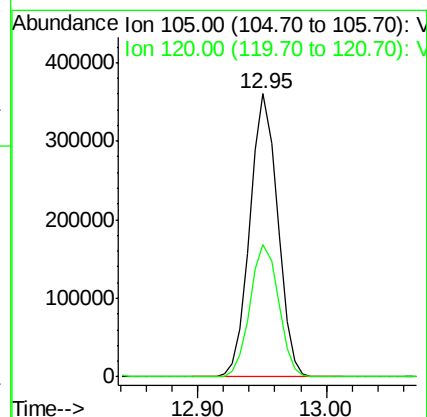
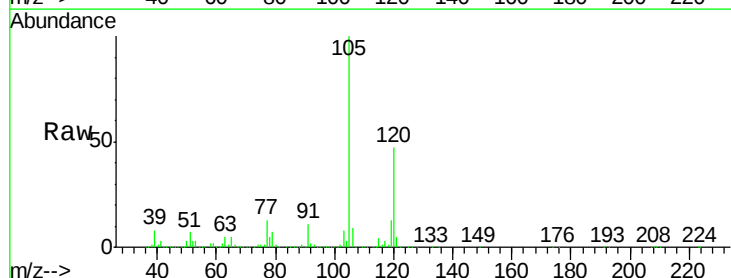
Acq: 29 Jun 2018 12:08

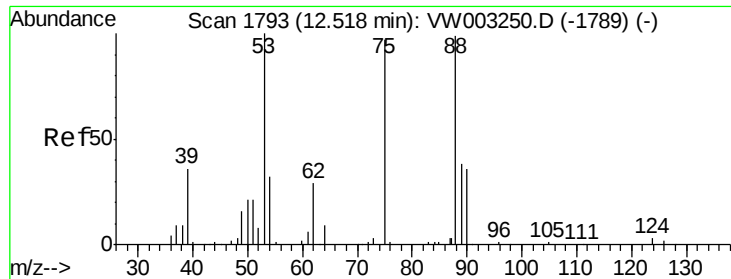
Tgt Ion: 105 Resp: 533757

Ion Ratio Lower Upper

105 100

120 48.1 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 48.44 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW003654.D

Acq: 29 Jun 2018 12:08

Instrument :

MSVOA_W

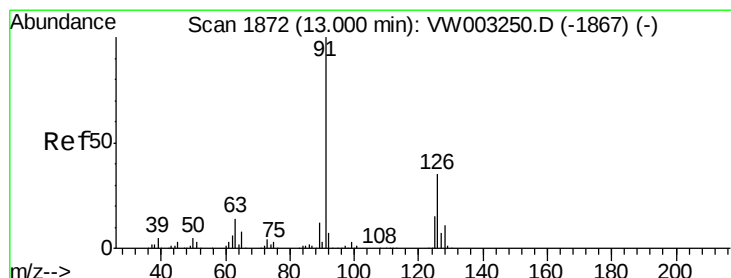
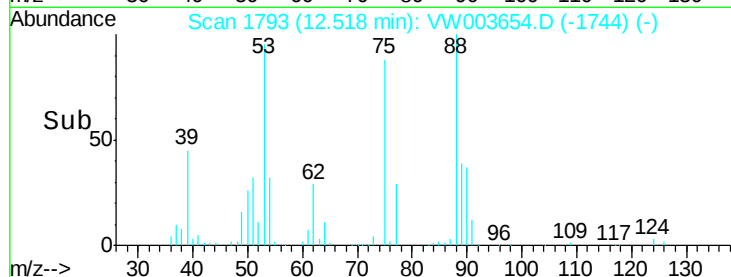
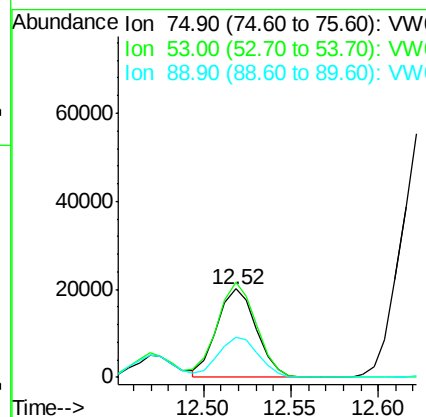
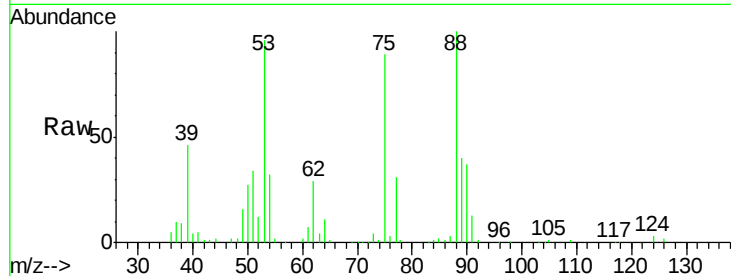
ClientSampled :

VSTDCCC050

Tot Ion:	75	Resp:	31124
Ion	Ratio	Lower	Upper
75	100		
53	109.8	82.9	124.3
89	46.4	36.7	55.1

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#82

4-Chlorotoluene

Concen: 51.70 ug/l

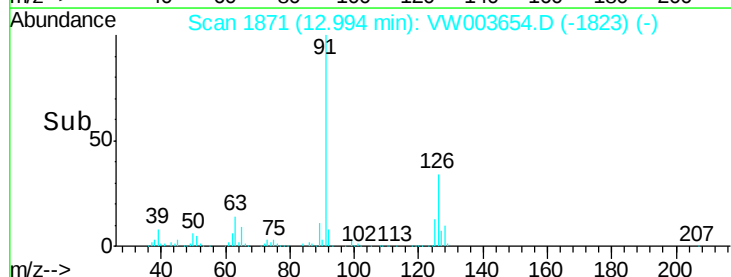
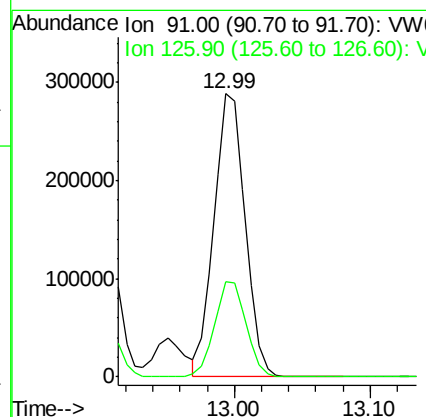
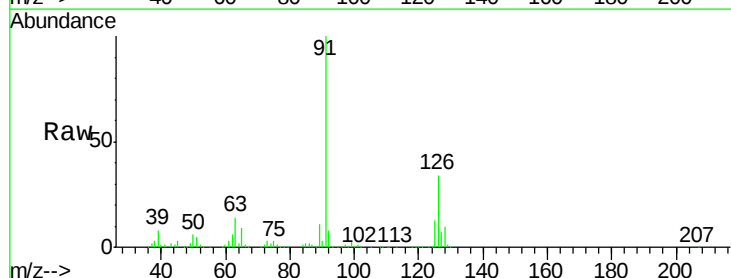
RT: 12.99 min Scan# 1871

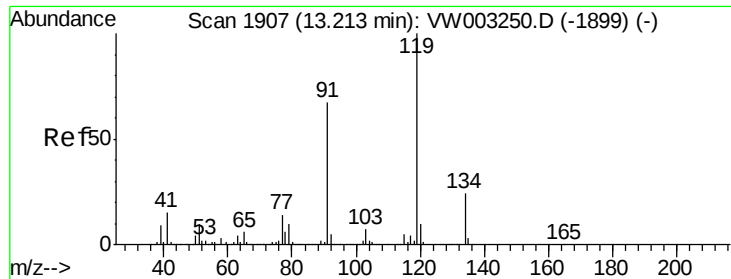
Delta R.T. -0.01 min

Lab File: VW003654.D

Acq: 29 Jun 2018 12:08

Tgt Ion:	91	Resp:	456583
Ion	Ratio	Lower	Upper
91	100		
126	34.1	16.8	50.3





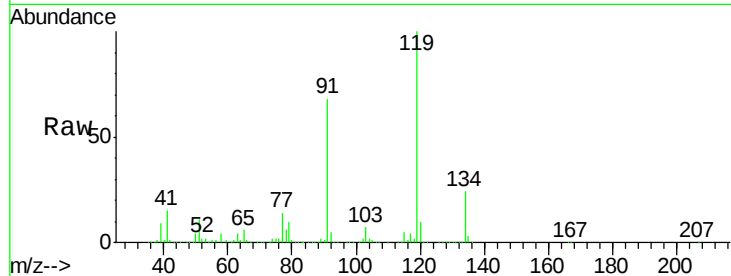
#83
tert-Butylbenzene
Concen: 52.48 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VW003654.D
Acq: 29 Jun 2018 12:08

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

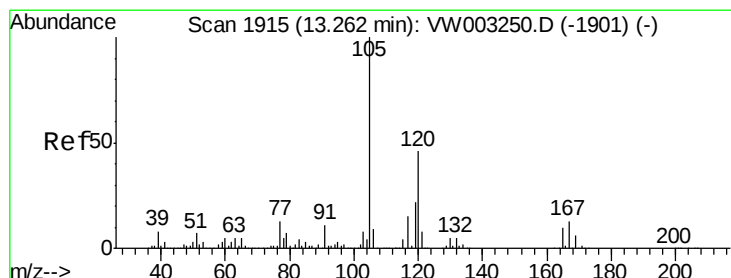
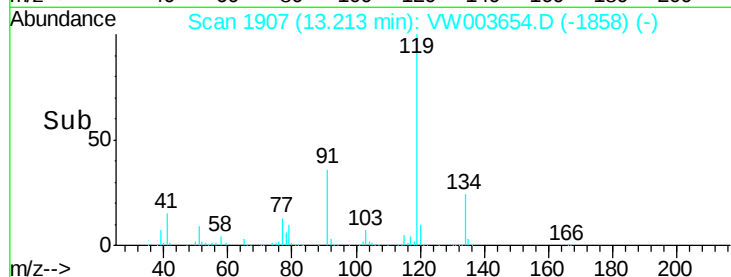
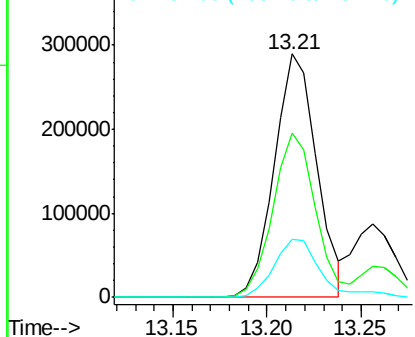
Tot Ion	Ratio	Lower	Upper
119	100		
91	68.3	33.9	101.7
134	24.7	13.4	40.1

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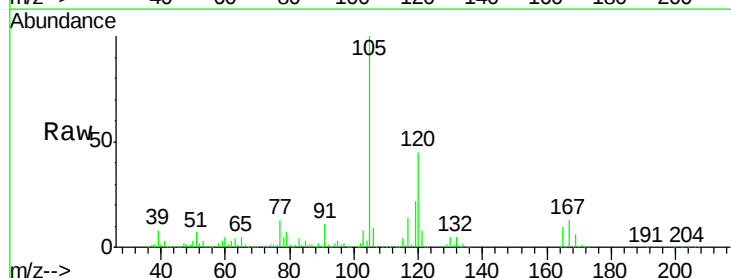


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

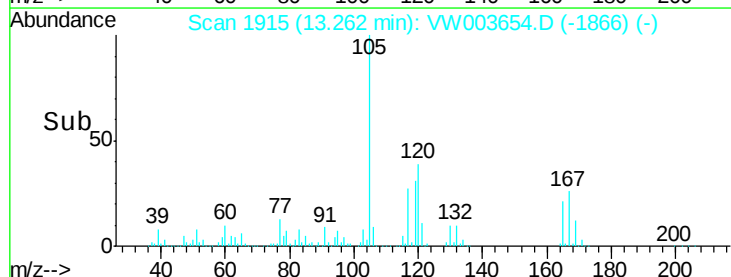
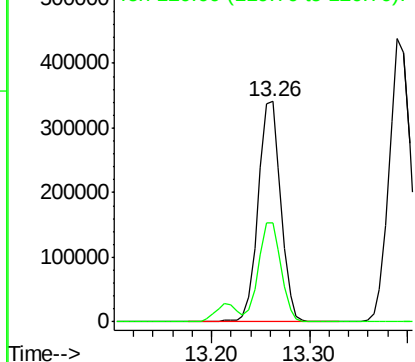


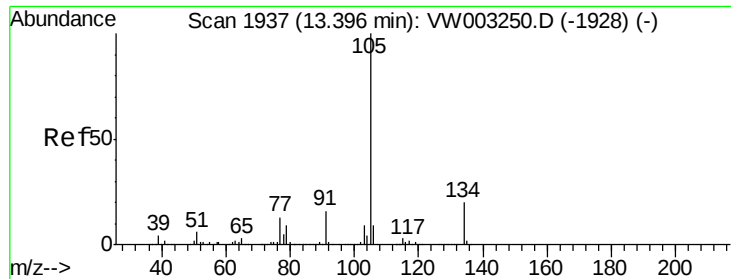
#84
1,2,4-Trimethylbenzene
Concen: 52.66 ug/l
RT: 13.26 min Scan# 1915
Delta R.T. 0.00 min
Lab File: VW003654.D
Acq: 29 Jun 2018 12:08

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.5	67.5



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





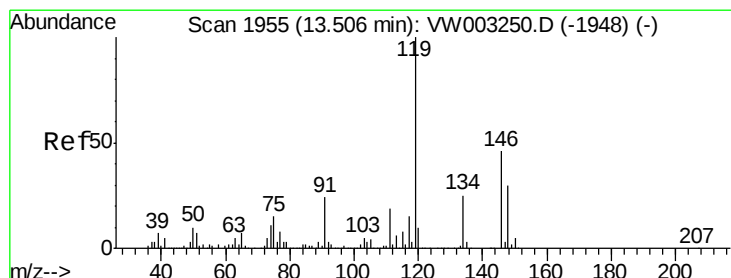
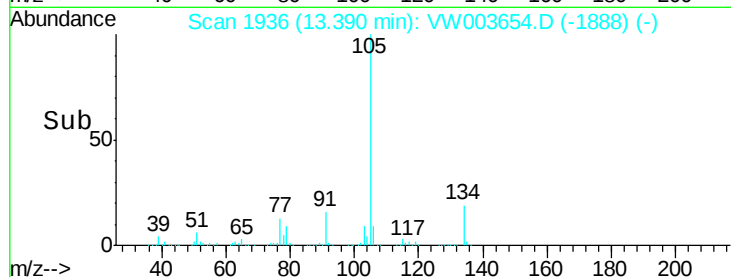
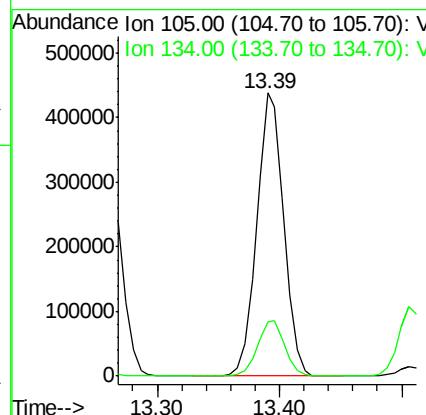
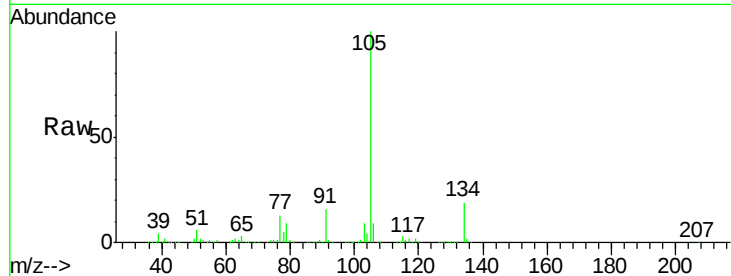
#85
 sec-Butylbenzene
 Concen: 52.39 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: VW003654.D
 Acq: 29 Jun 2018 12:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.7	9.8	29.5

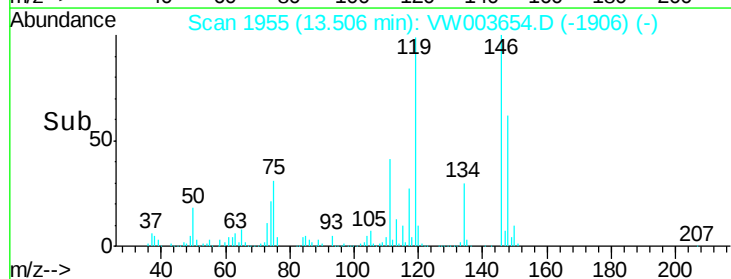
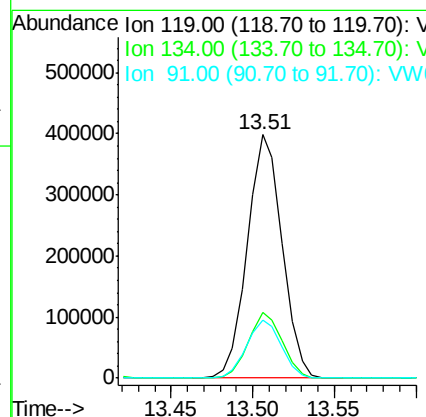
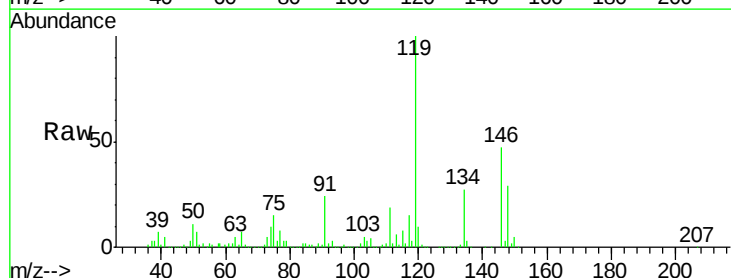
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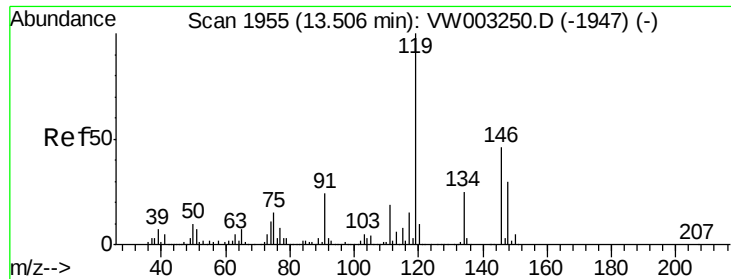
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#86
 p-Isopropyltoluene
 Concen: 52.42 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003654.D
 Acq: 29 Jun 2018 12:08

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.6	12.9	38.7
91	23.9	11.8	35.3





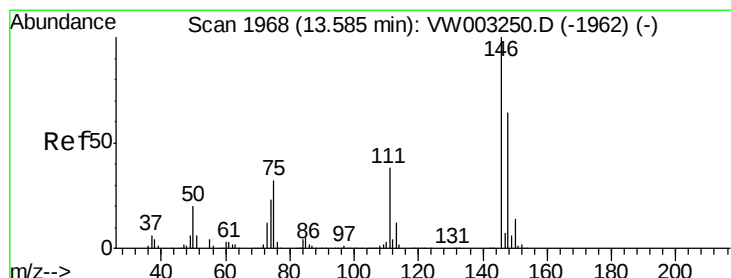
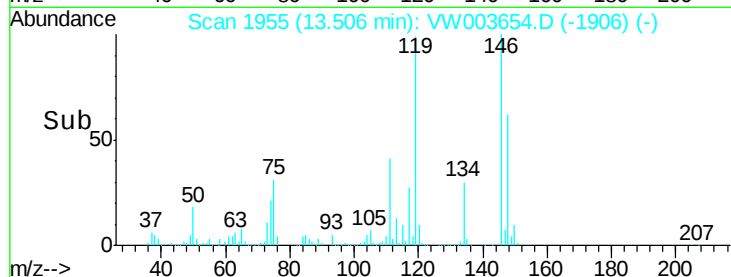
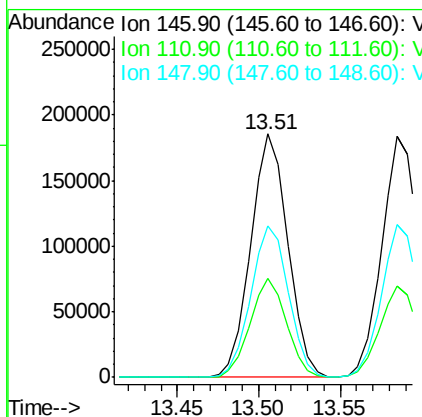
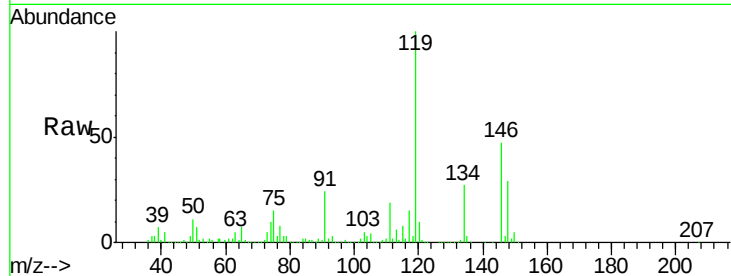
#87
 1,3-Dichlorobenzene
 Concen: 51.03 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003654.D
 Acq: 29 Jun 2018 12:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.8	59.4
148	63.3	32.1	96.5

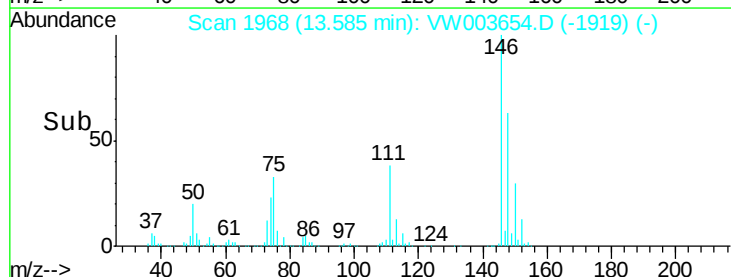
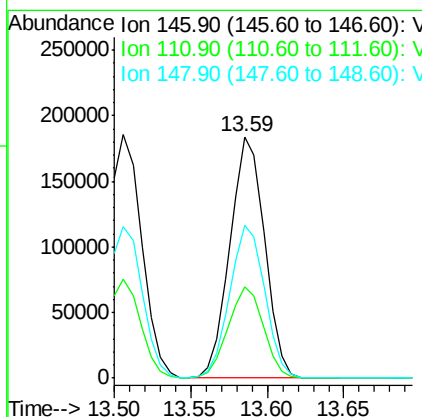
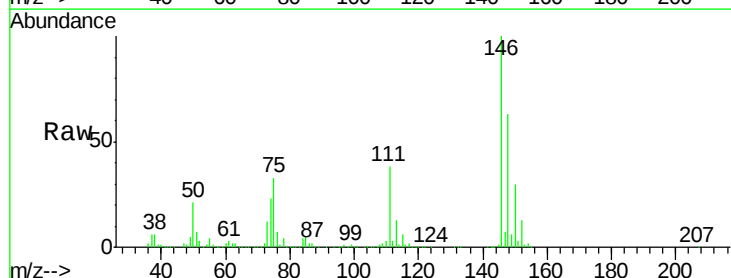
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#88
 1,4-Dichlorobenzene
 Concen: 50.67 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003654.D
 Acq: 29 Jun 2018 12:08

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.2	57.6
148	63.8	31.8	95.4





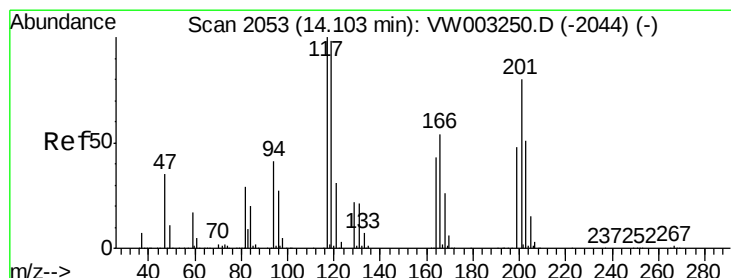
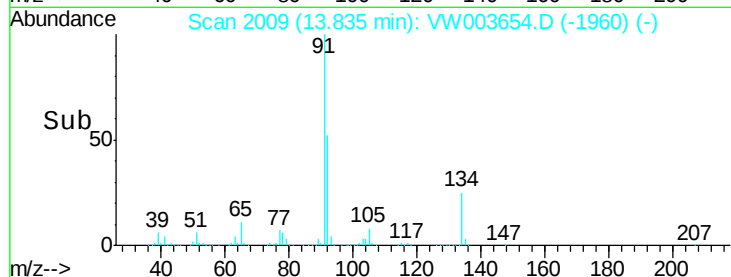
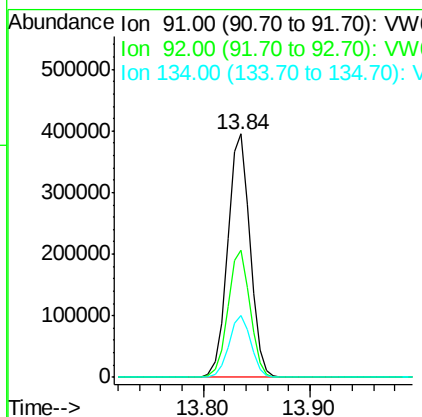
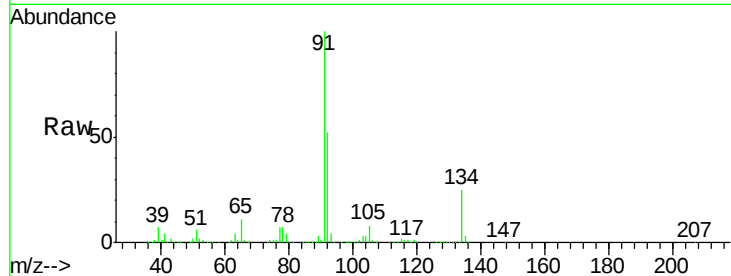
#89
n-Butylbenzene
Concen: 52.57 ug/l
RT: 13.84 min Scan# 2009
Delta R.T. 0.00 min
Lab File: VW003654.D
Acq: 29 Jun 2018 12:08

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.0	26.0	78.0
134	25.2	12.7	38.0

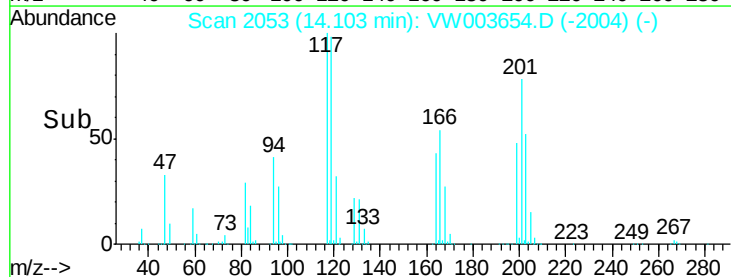
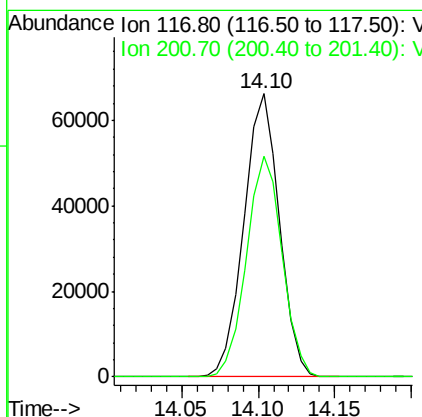
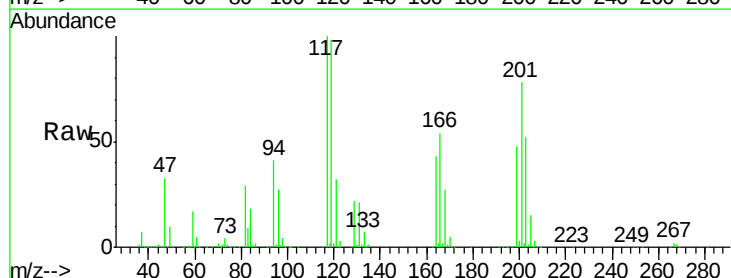
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#90
Hexachloroethane
Concen: 52.28 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VW003654.D
Acq: 29 Jun 2018 12:08

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.6	39.5	118.5





#91

1,2-Dichlorobenzene

Concen: 51.41 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. 0.00 min

Lab File: VW003654.D

Acq: 29 Jun 2018 12:08

Instrument :

MSVOA_W

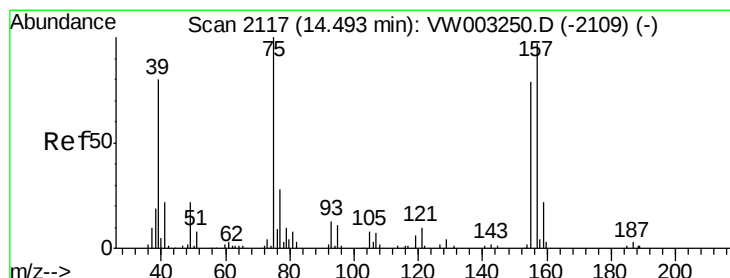
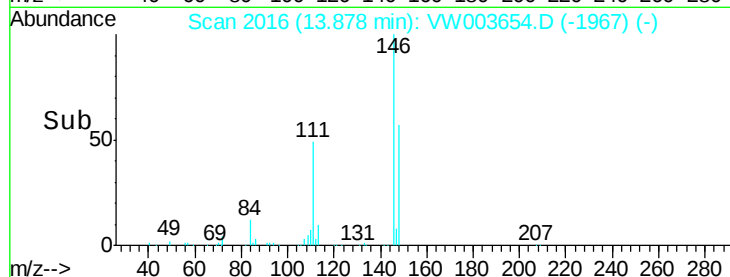
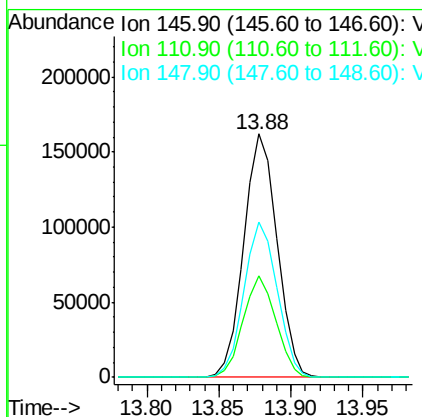
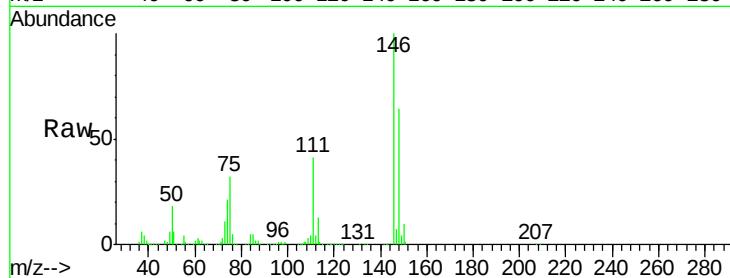
ClientSampled :

VSTDCCC050

Tot Ion:	146	Resp:	259203
Ion Ratio	Lower	Upper	
146	100		
111	41.0	20.3	61.0
148	63.7	32.3	96.9

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#92

1,2-Dibromo-3-Chloropropane

Concen: 49.28 ug/l

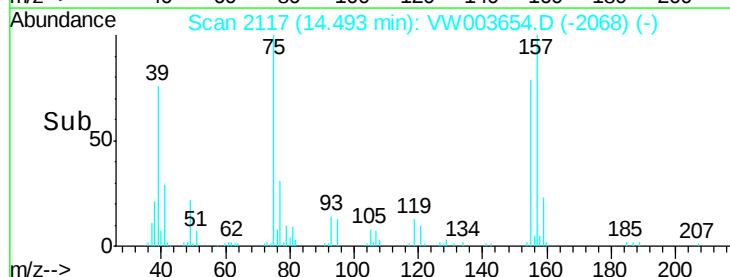
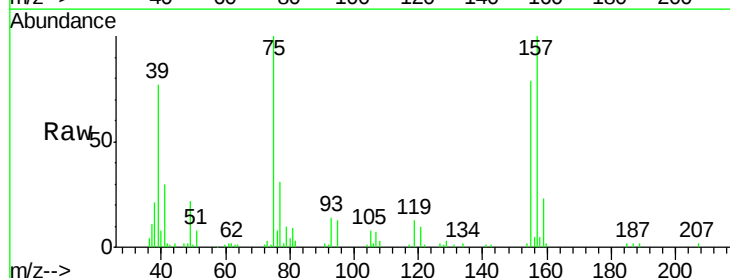
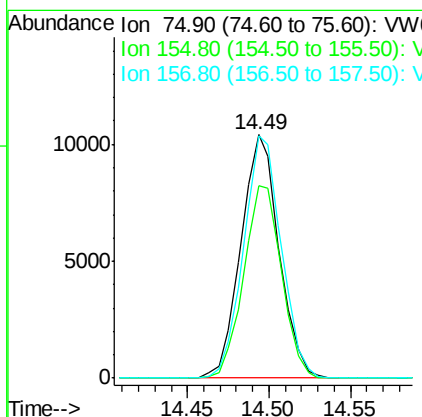
RT: 14.49 min Scan# 2117

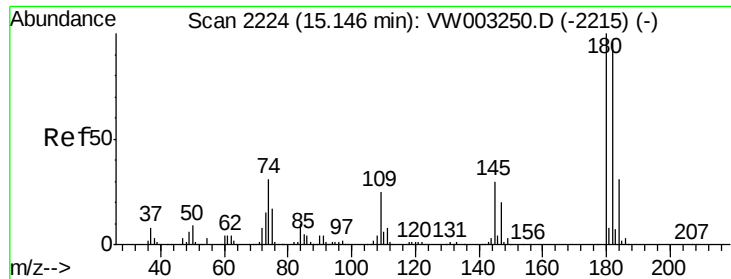
Delta R.T. 0.00 min

Lab File: VW003654.D

Acq: 29 Jun 2018 12:08

Tgt Ion:	75	Resp:	16877
Ion Ratio	Lower	Upper	
75	100		
155	78.6	39.4	118.2
157	98.7	51.5	154.5





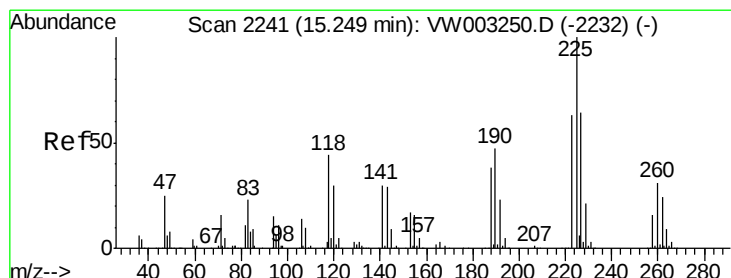
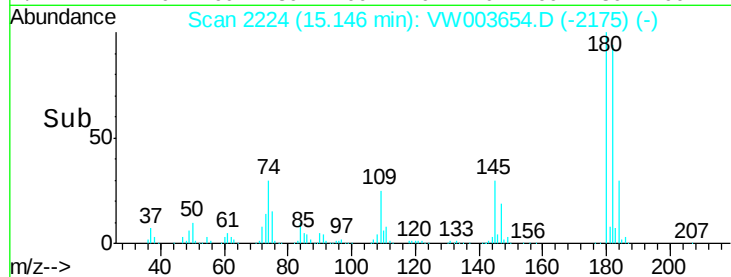
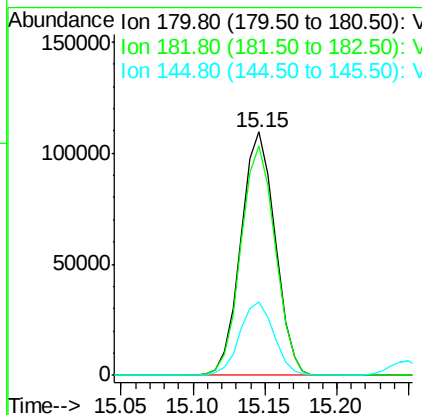
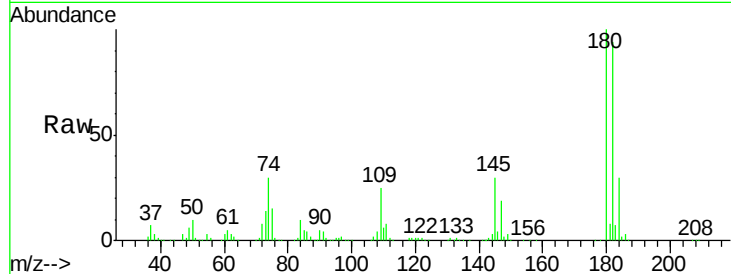
#93
 1,2,4-Trichlorobenzene
 Concen: 50.99 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003654.D
 Acq: 29 Jun 2018 12:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	180469		
182	94.4	47.9	143.6	
145	30.2	15.2	45.5	

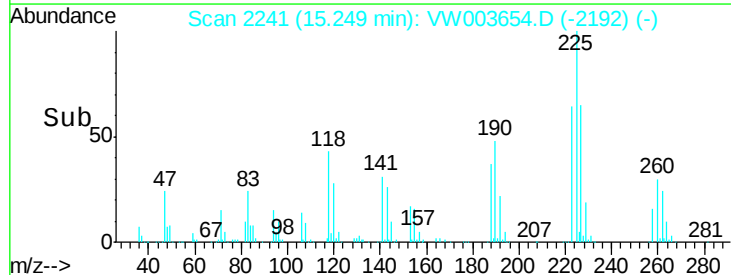
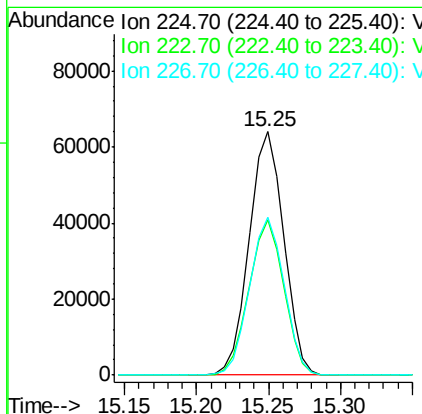
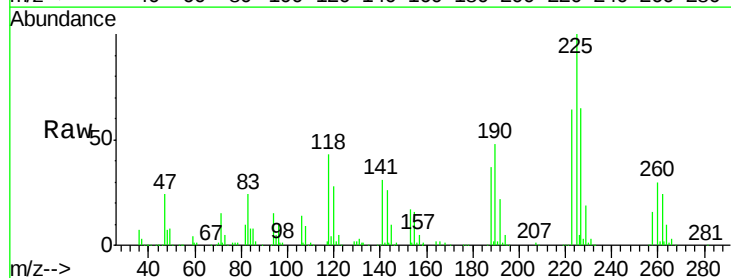
Manual Integrations
 APPROVED

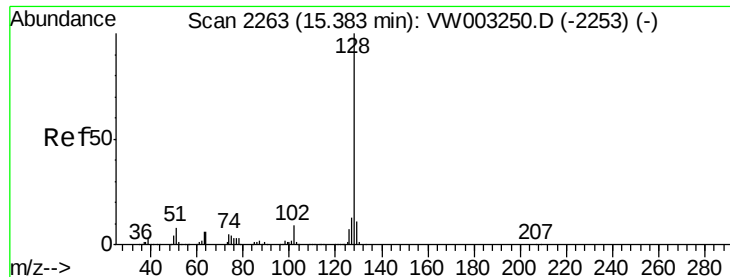
apatel
 7/2/2018 10:23:13 AM



#94
 Hexachlorobutadiene
 Concen: 49.98 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW003654.D
 Acq: 29 Jun 2018 12:08

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	106403		
223	64.1	30.6	92.0	
227	64.8	31.7	95.1	





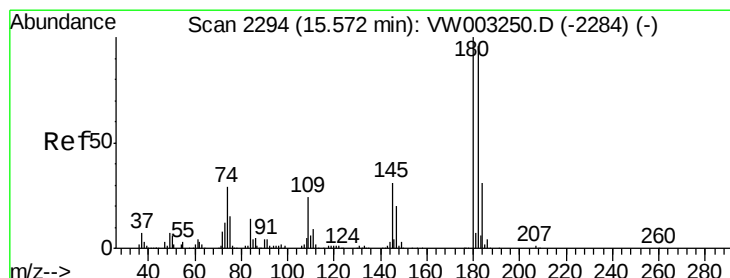
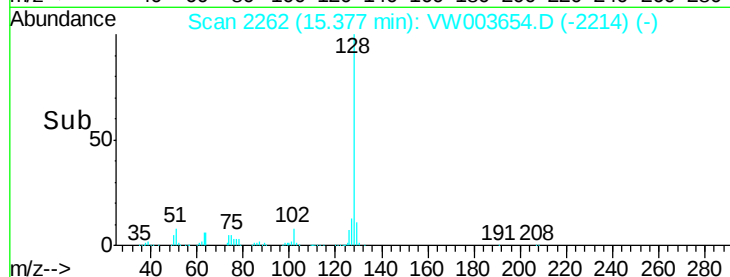
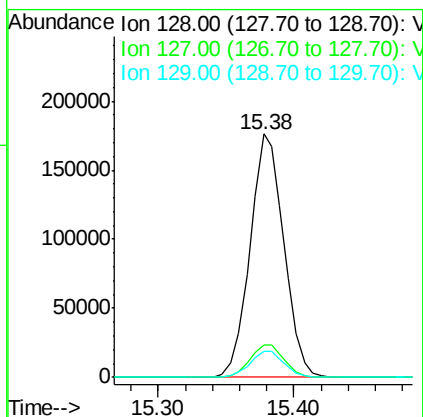
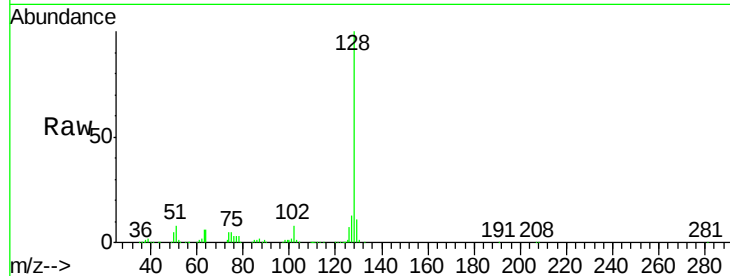
#95
Naphthalene
Concen: 51.06 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.01 min
Lab File: VW003654.D
Acq: 29 Jun 2018 12:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.5	15.7
129	10.9	8.9	13.3

Manual Integrations
APPROVED

apatel
7/2/2018 10:23:13 AM



#96
1,2,3-Trichlorobenzene
Concen: 50.47 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.01 min
Lab File: VW003654.D
Acq: 29 Jun 2018 12:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.9	143.6
145	31.4	15.8	47.4

