

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062318\
 Data File : VW003500.D
 Acq On : 24 Jun 2018 10:05
 Operator : SY/AP
 Sample : VSTDCCC050EC
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 6/26/2018 11:44:01 AM

Quant Time: Jun 25 05:33:27 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	225455	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	383242	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	360560	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	190539	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	136406	55.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.72%	
35) Dibromofluoromethane	7.89	113	118324	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	
50) Toluene-d8	10.33	98	467338	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	
62) 4-Bromofluorobenzene	12.63	95	170174	50.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	40928	60.05	ug/l	83
3) Chloromethane	2.21	50	76462	44.40	ug/l	96
4) Vinyl Chloride	2.36	62	109336	43.55	ug/l	98
5) Bromomethane	2.78	94	74071	44.39	ug/l	98
6) Chloroethane	2.93	64	76270	43.64	ug/l	97
7) Trichlorofluoromethane	3.25	101	63823	42.44	ug/l	94
8) Diethyl Ether	3.68	74	59491	53.85	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	91052	43.60	ug/l	99
10) Methyl Iodide	4.26	142	163025	51.61	ug/l	99
11) Tert butyl alcohol	5.23	59	39951m	305.04	ug/l	
12) 1,1-Dichloroethene	4.03	96	95976	47.03	ug/l	98
13) Acrolein	3.90	56	58993	315.05	ug/l	96
14) Allyl chloride	4.66	41	180649	51.10	ug/l	99
15) Acrylonitrile	5.37	53	130629	287.37	ug/l	100
16) Acetone	4.15	43	112641	219.93	ug/l	99
17) Carbon Disulfide	4.37	76	277884	46.05	ug/l	100
18) Methyl Acetate	4.68	43	71896	59.17	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	218786	57.24	ug/l	100
20) Methylene Chloride	4.92	84	117720	54.43	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	110104	49.57	ug/l	99
22) Diisopropyl ether	6.32	45	405082	56.93	ug/l	99
23) Vinyl Acetate	6.26	43	1119834	273.12	ug/l	99
24) 1,1-Dichloroethane	6.22	63	223942	53.02	ug/l	99
25) 2-Butanone	7.18	43	171856	269.85	ug/l	96
26) 2,2-Dichloropropane	7.17	77	117469	41.67	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	129074	52.90	ug/l	99
28) Bromochloromethane	7.51	49	107884	61.38	ug/l	99
29) Tetrahydrofuran	7.54	42	114624	294.49	ug/l	99
30) Chloroform	7.68	83	230801	53.63	ug/l	97
31) Cyclohexane	7.96	56	170822	43.29	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	175623	49.44	ug/l	99
36) 1,1-Dichloropropene	8.09	75	166259	44.92	ug/l	100
37) Ethyl Acetate	7.26	43	78377	51.12	ug/l	99
38) Carbon Tetrachloride	8.07	117	157320	43.33	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	180077	42.05	ug/l	97
40) Benzene	8.32	78	498241	48.84	ug/l	99
41) Methacrylonitrile	7.49	41	49415	52.52	ug/l	99
42) 1,2-Dichloroethane	8.40	62	163543	51.17	ug/l	99
43) Isopropyl Acetate	8.43	43	156456	51.39	ug/l	99
44) Trichloroethene	9.10	130	126027	46.62	ug/l	99
45) 1,2-Dichloropropane	9.37	63	132082	50.85	ug/l	97
46) Dibromomethane	9.46	93	67701	50.91	ug/l	97
47) Bromodichloromethane	9.65	83	172354	50.56	ug/l	99
48) Methyl methacrylate	9.44	41	77611	54.24	ug/l	97
49) 1,4-Dioxane	9.48	88	22406	1115.85	ug/l #	1
51) 4-Methyl-2-Pentanone	10.22	43	417190	268.92	ug/l	99
52) Toluene	10.39	92	320034	48.92	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	171338	49.20	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	193934	48.93	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	95815	51.13	ug/l	99
56) Ethyl methacrylate	10.65	69	123357	54.21	ug/l	97
57) 1,3-Dichloropropane	10.94	76	167461	51.81	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	280144	274.62	ug/l	99
59) 2-Hexanone	10.98	43	286062	263.95	ug/l	99
60) Dibromochloromethane	11.13	129	111748	50.14	ug/l	99
61) 1,2-Dibromoethane	11.24	107	91206	51.45	ug/l	98
64) Tetrachloroethene	10.87	164	118912	49.31	ug/l	98
65) Chlorobenzene	11.66	112	356722	47.51	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	126742	48.03	ug/l	99
67) Ethyl Benzene	11.74	91	626480	47.07	ug/l	100
68) m/p-Xylenes	11.85	106	473935	93.67	ug/l	99
69) o-Xylene	12.17	106	227484	48.51	ug/l	98
70) Styrene	12.19	104	391090	50.11	ug/l	99
71) Bromoform	12.35	173	67360	49.26	ug/l #	100
73) Isopropylbenzene	12.47	105	619114	46.72	ug/l	99
74) N-amyl acetate	12.28	43	159679	52.94	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	113867	50.79	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	81732m	50.18	ug/l	
77) Bromobenzene	12.76	156	147754	47.87	ug/l	96
78) n-propylbenzene	12.81	91	751178	46.29	ug/l	99
79) 2-Chlorotoluene	12.90	91	440252	48.01	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	529835	47.63	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	31572	44.60	ug/l	95
82) 4-Chlorotoluene	13.00	91	462873	47.58	ug/l	99
83) tert-Butylbenzene	13.21	119	448545	47.31	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	554355	48.45	ug/l	100
85) sec-Butylbenzene	13.39	105	648405	46.01	ug/l	100
86) p-Isopropyltoluene	13.51	119	571379	45.97	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	299404	47.22	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	297124	47.14	ug/l	100
89) n-Butylbenzene	13.83	91	536582	44.29	ug/l	100
90) Hexachloroethane	14.10	117	105614	46.98	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	273090	49.17	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19578	51.89	ug/l	96

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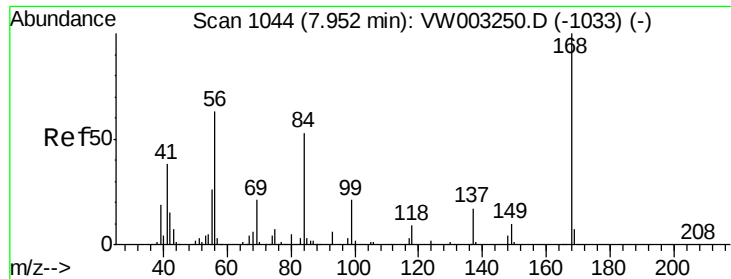
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	185431	47.56	ug/l	100
94) Hexachlorobutadiene	15.25	225	103545	44.15	ug/l	99
95) Naphthalene	15.38	128	351552	53.15	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	167540	48.82	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003500.D

Acq: 24 Jun 2018 10:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 225455

Ion Ratio Lower Upper

168 100

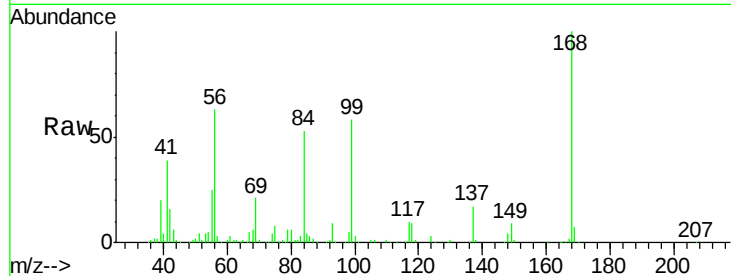
99 58.3 45.5 68.3

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

60000

40000

20000

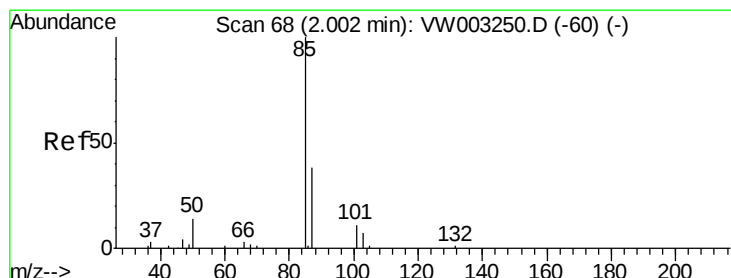
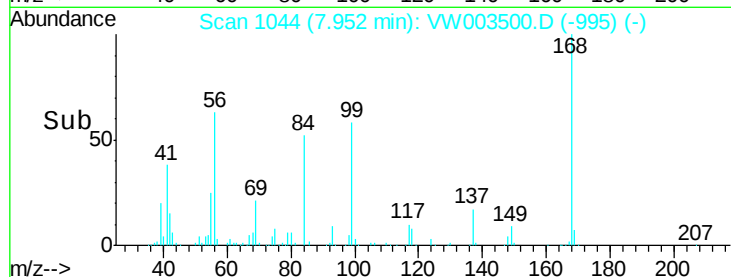
0

7.90

8.00

8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 60.05 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.01 min

Lab File: VW003500.D

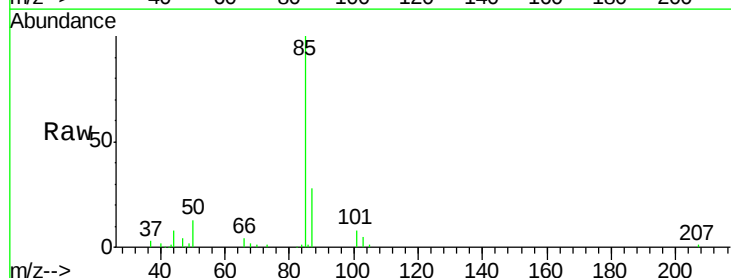
Acq: 24 Jun 2018 10:05

Tgt Ion: 85 Resp: 40928

Ion Ratio Lower Upper

85 100

87 27.5 18.9 56.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

15000

10000

5000

0

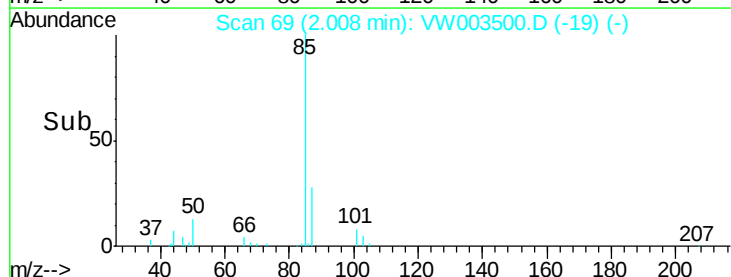
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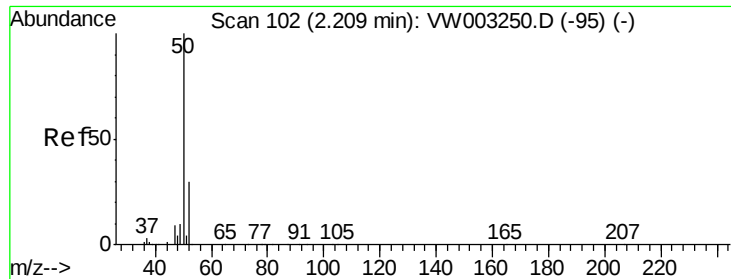
2.00

2.10

2.20

Time-->





#3

Chloromethane

Concen: 44.40 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003500.D

Acq: 24 Jun 2018 10:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 76462

Ion Ratio Lower Upper

50 100

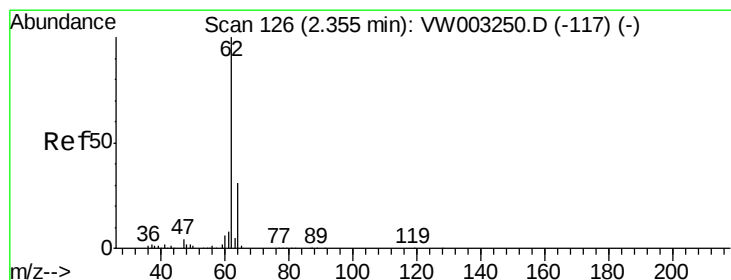
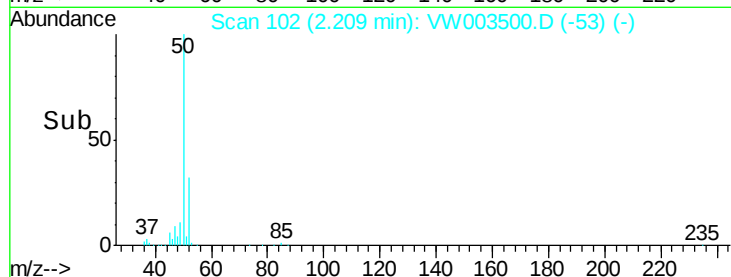
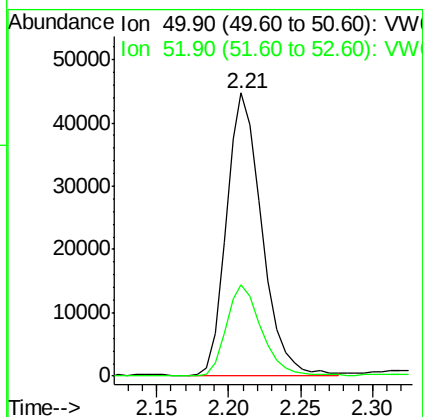
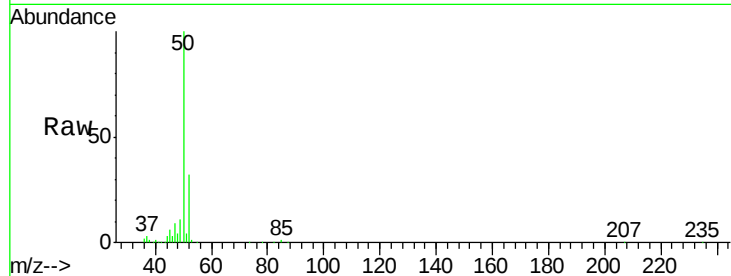
52 32.2 24.2 36.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 43.55 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003500.D

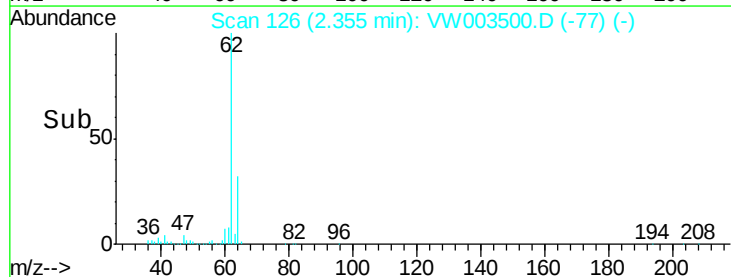
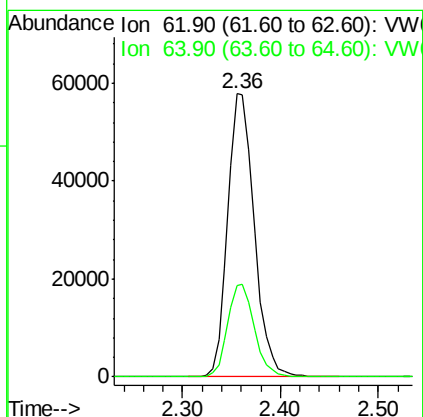
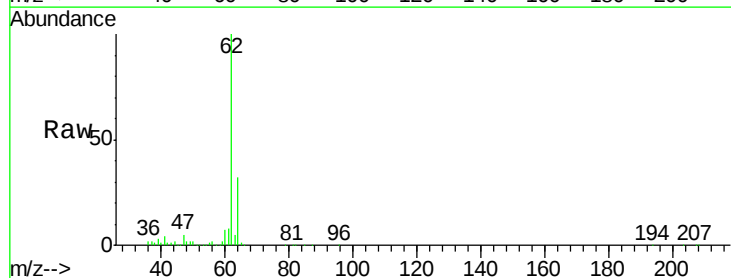
Acq: 24 Jun 2018 10:05

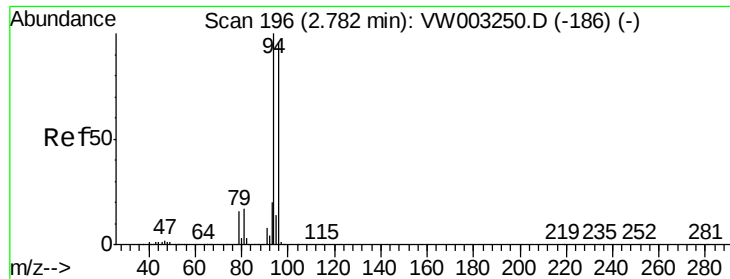
Tgt Ion: 62 Resp: 109336

Ion Ratio Lower Upper

62 100

64 32.4 24.9 37.3





#5

Bromomethane

Concen: 44.39 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VW003500.D

Acq: 24 Jun 2018 10:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 74071

Ion Ratio Lower Upper

94 100

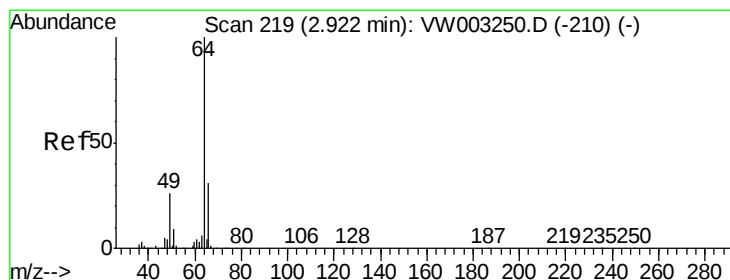
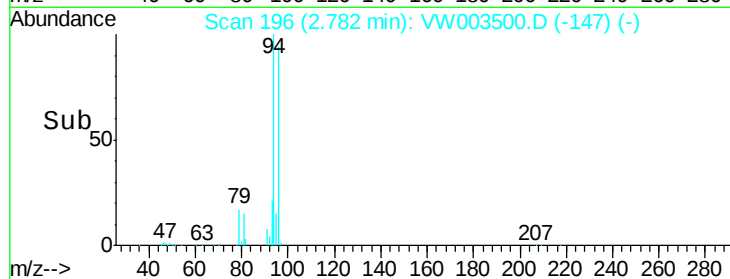
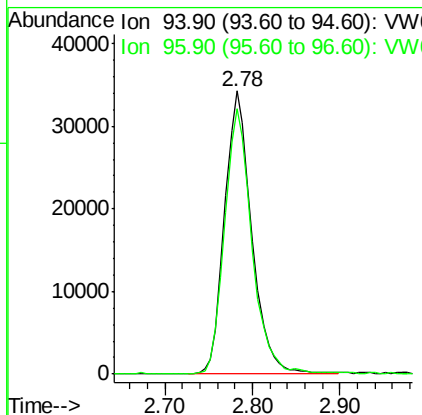
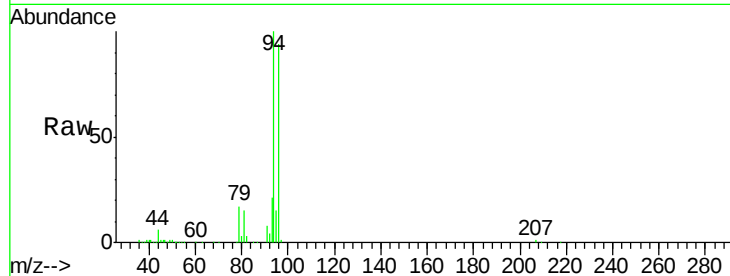
96 93.8 76.5 114.7

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#6

Chloroethane

Concen: 43.64 ug/l

RT: 2.93 min Scan# 220

Delta R.T. 0.01 min

Lab File: VW003500.D

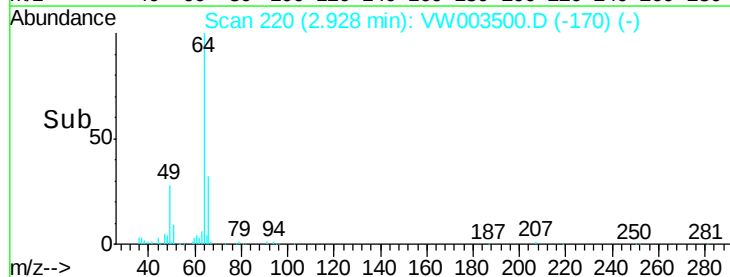
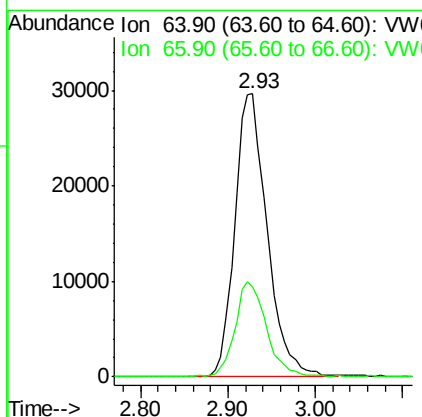
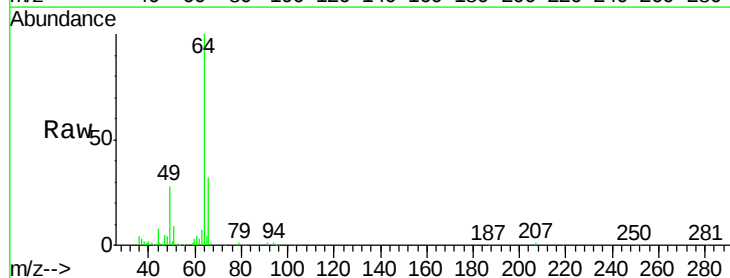
Acq: 24 Jun 2018 10:05

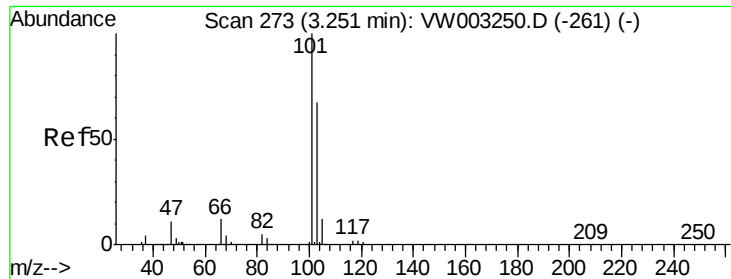
Tgt Ion: 64 Resp: 76270

Ion Ratio Lower Upper

64 100

66 31.9 24.4 36.6





#7

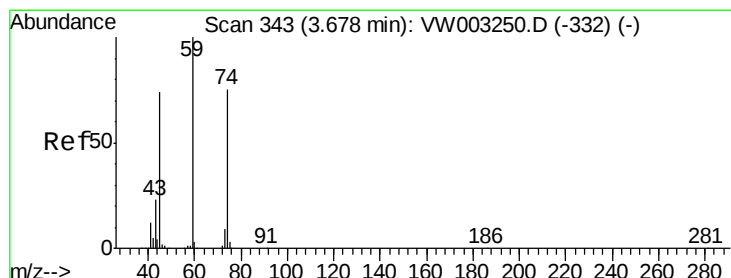
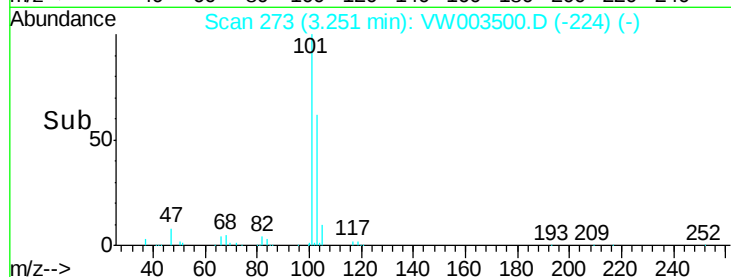
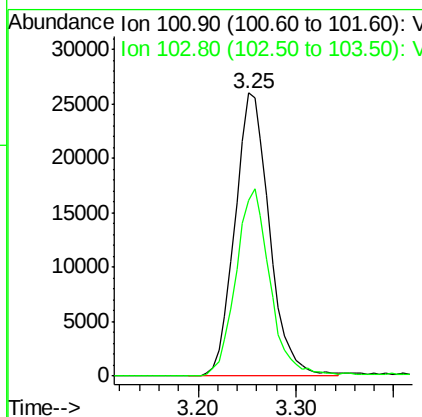
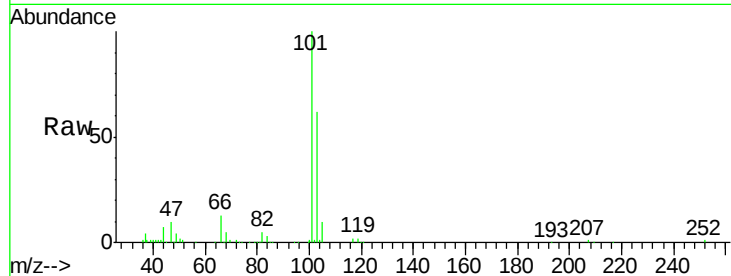
Trichlorofluoromethane
 Concen: 42.44 ug/l
 RT: 3.25 min Scan# 273
 Delta R.T. 0.00 min
 Lab File: VW003500.D
 Acq: 24 Jun 2018 10:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.3	53.4	80.0

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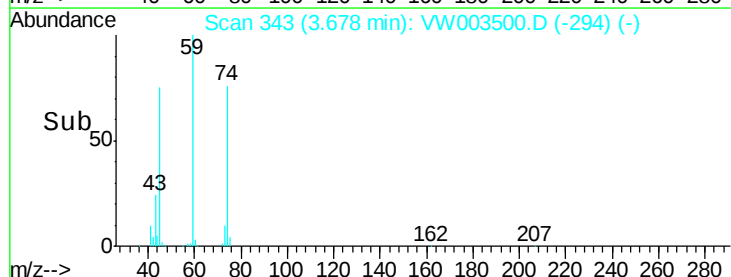
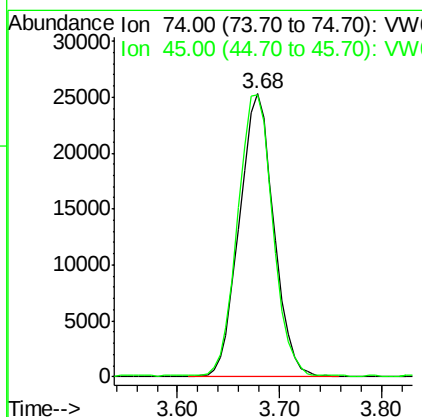
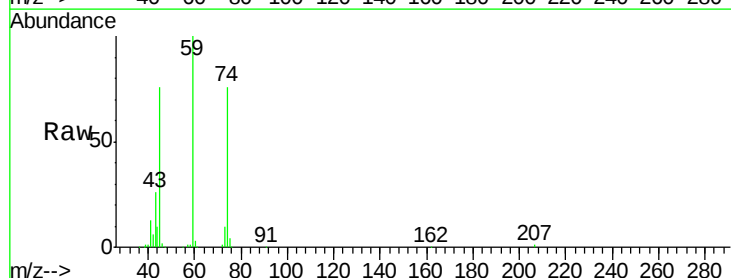
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 6/26/2018 11:44:01 AM

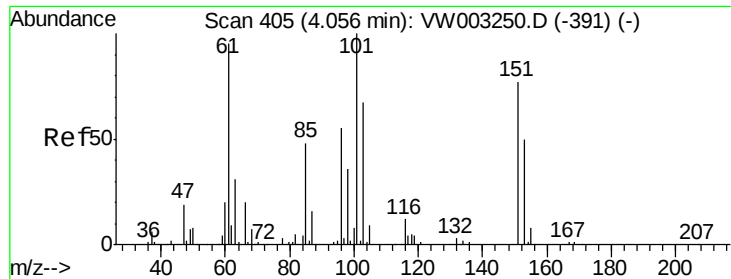


#8

Diethyl Ether
 Concen: 53.85 ug/l
 RT: 3.68 min Scan# 343
 Delta R.T. 0.00 min
 Lab File: VW003500.D
 Acq: 24 Jun 2018 10:05

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.6	51.4	154.2





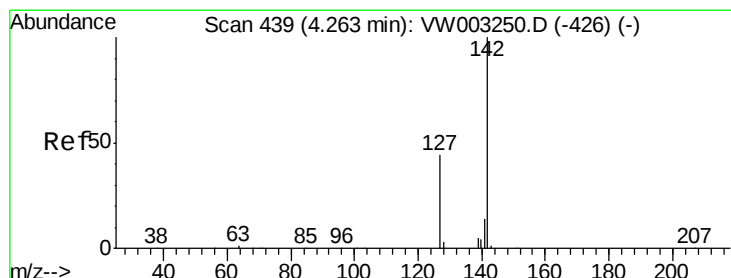
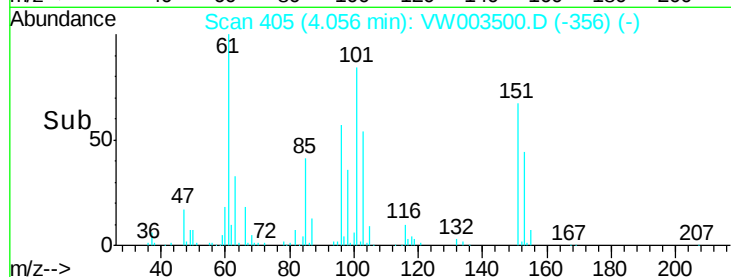
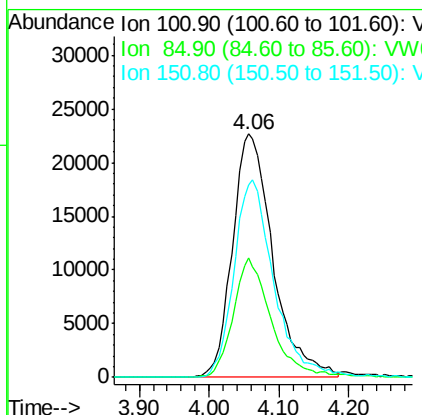
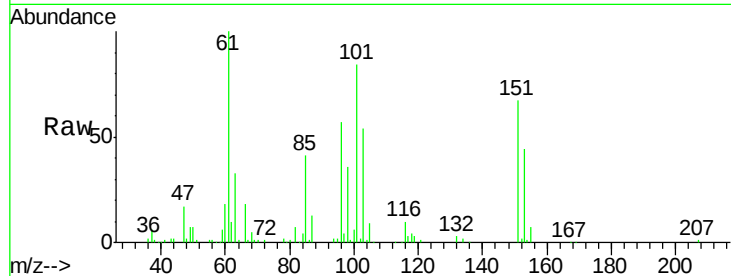
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 43.60 ug/l
 RT: 4.06 min Scan# 405
 Delta R.T. 0.00 min
 Lab File: VW003500.D
 Acq: 24 Jun 2018 10:05

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
85	46.1	37.0	55.6
151	80.2	63.3	94.9

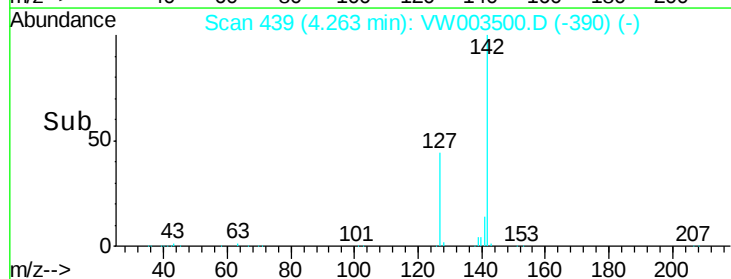
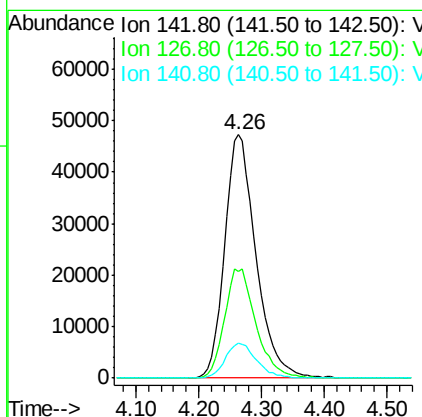
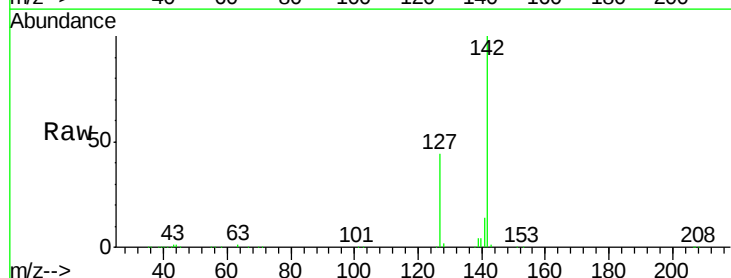
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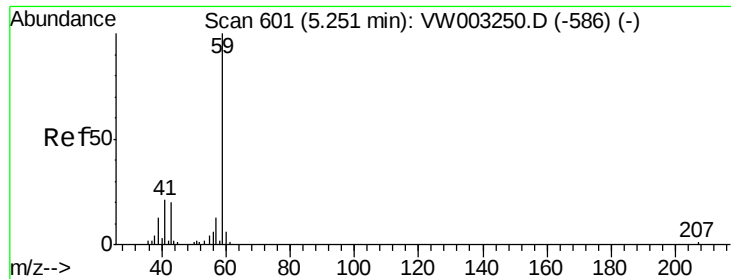
apatel
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#10
 Methyl Iodide
 Concen: 51.61 ug/l
 RT: 4.26 min Scan# 439
 Delta R.T. 0.00 min
 Lab File: VW003500.D
 Acq: 24 Jun 2018 10:05

Tgt Ion	Ratio	Lower	Upper
142	100		
127	45.1	36.5	54.7
141	14.5	12.1	18.1





#11

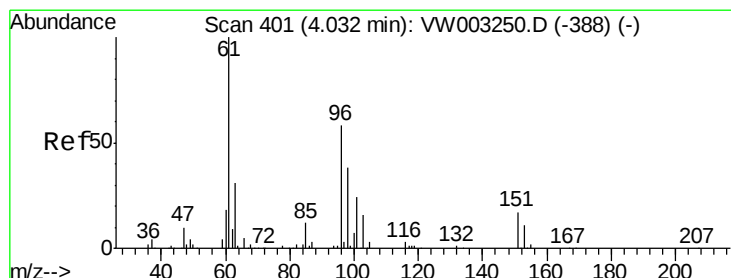
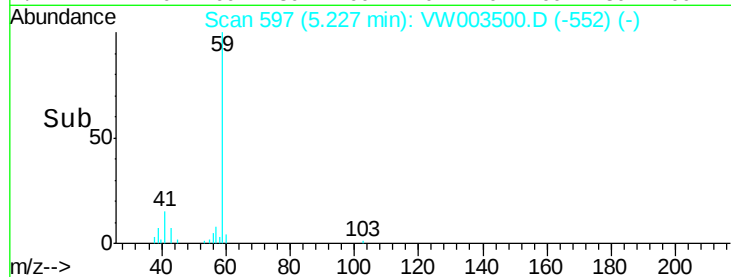
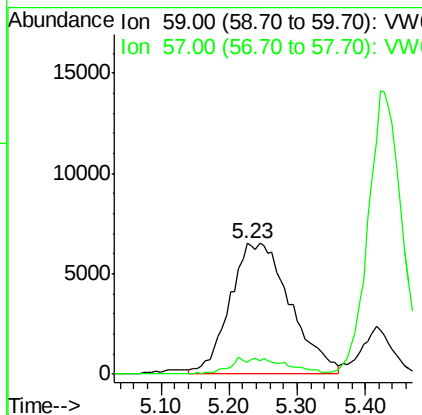
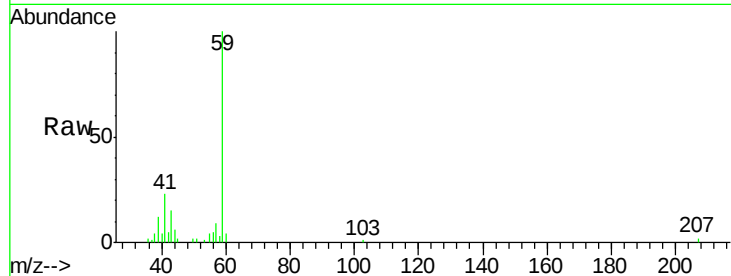
Tert butyl alcohol
 Concen: 305.04 ug/l m
 RT: 5.23 min Scan# 597
 Delta R.T. -0.02 min
 Lab File: VW003500.D
 Acq: 24 Jun 2018 10:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	3.9	4.2	6.2#

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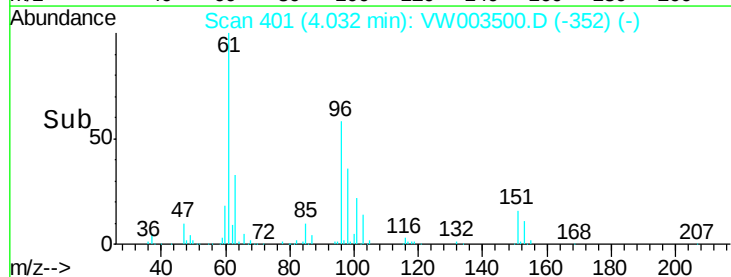
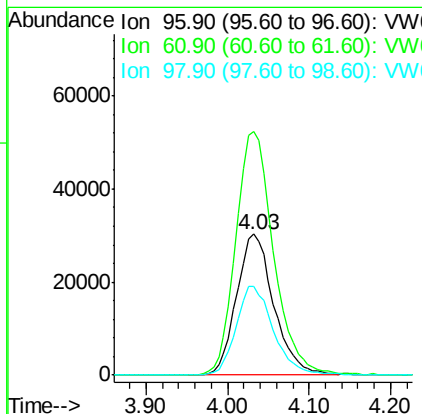
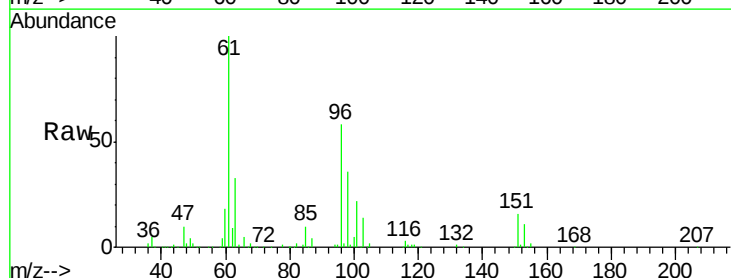
apatel
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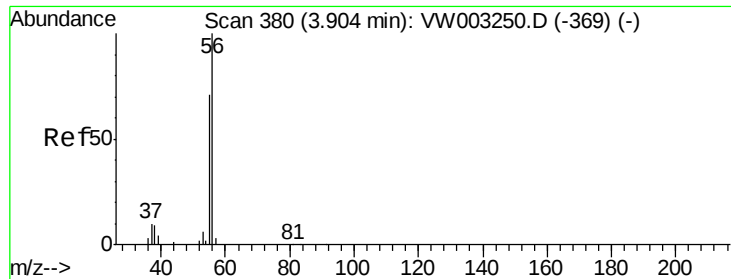


#12

1,1-Dichloroethene
 Concen: 47.03 ug/l
 RT: 4.03 min Scan# 401
 Delta R.T. 0.00 min
 Lab File: VW003500.D
 Acq: 24 Jun 2018 10:05

Tgt Ion	Ratio	Lower	Upper
96	100		
61	172.9	139.0	208.4
98	63.1	53.3	79.9





#13

Acrolein

Concen: 315.05 ug/l

RT: 3.90 min Scan# 379

Delta R.T. -0.01 min

Lab File: VW003500.D

Acq: 24 Jun 2018 10:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 58993

Ion Ratio Lower Upper

56 100

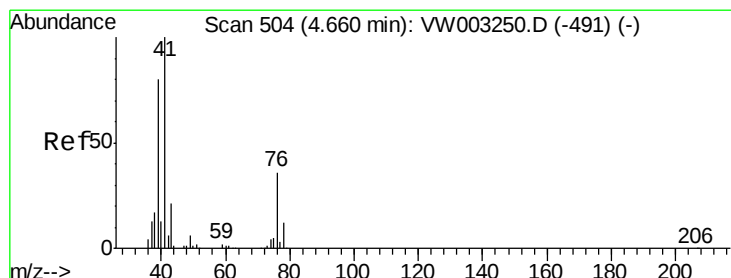
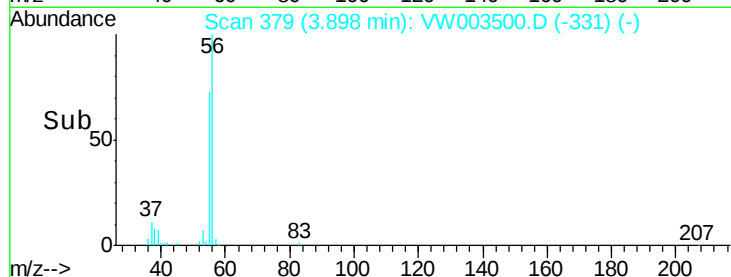
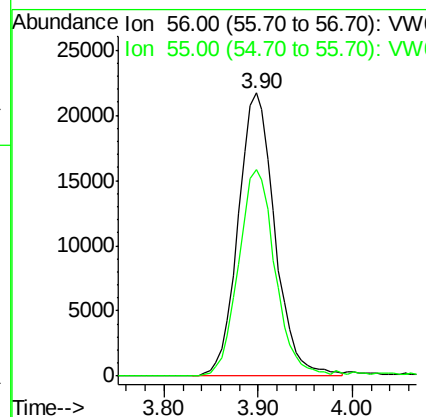
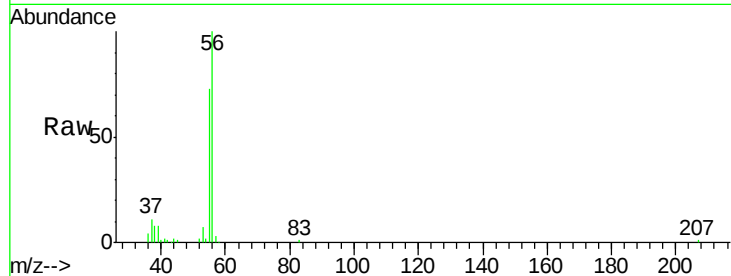
55 72.9 55.4 83.2

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#14

Allyl chloride

Concen: 51.10 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.00 min

Lab File: VW003500.D

Acq: 24 Jun 2018 10:05

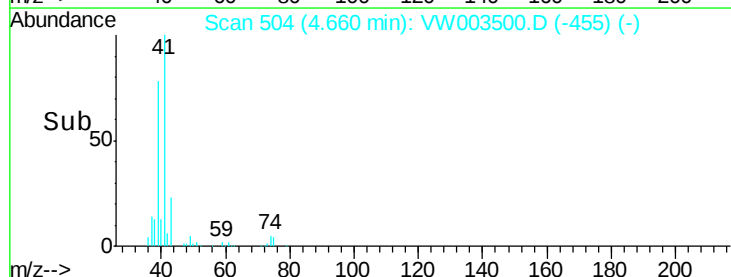
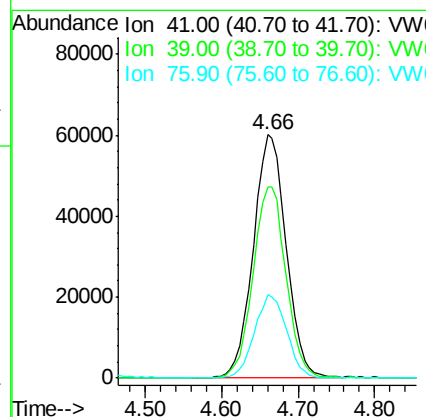
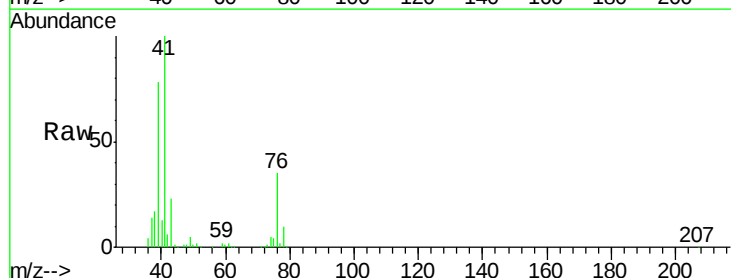
Tgt Ion: 41 Resp: 180649

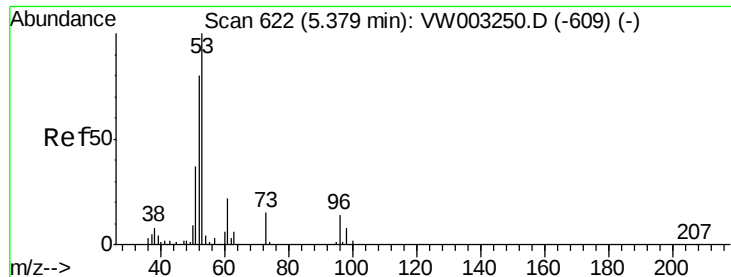
Ion Ratio Lower Upper

41 100

39 78.2 63.2 94.8

76 33.6 28.0 42.0





#15

Acrylonitrile

Concen: 287.37 ug/l

RT: 5.37 min Scan# 621

Delta R.T. -0.01 min

Lab File: VW003500.D

Acq: 24 Jun 2018 10:05

Instrument :

MSVOA_W

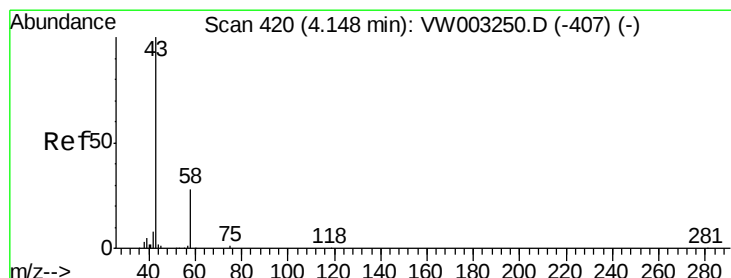
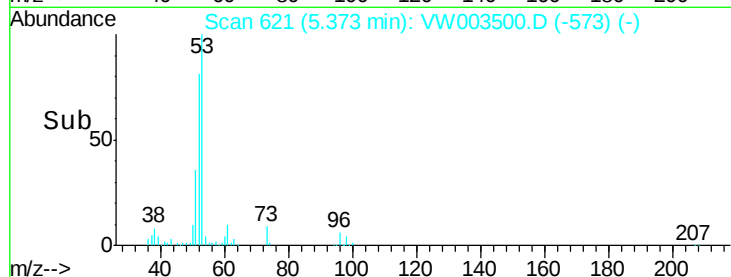
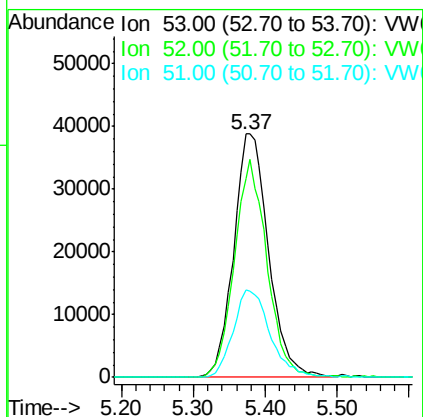
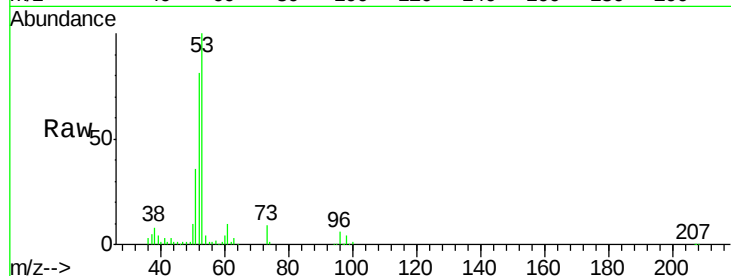
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	130629
Ion Ratio	Lower	Upper	
53	100		
52	83.5	66.6	100.0
51	38.0	30.6	46.0

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#16

Acetone

Concen: 219.93 ug/l

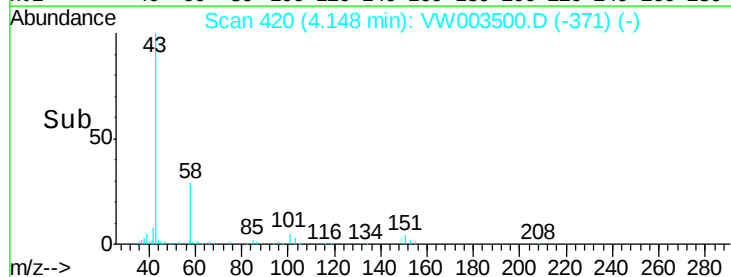
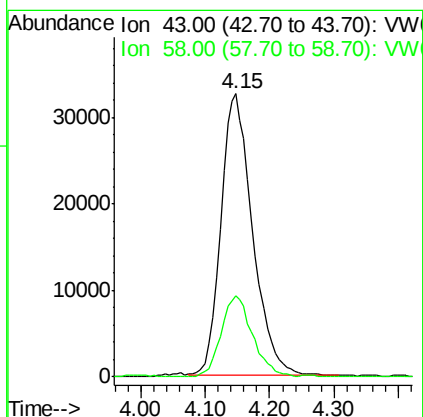
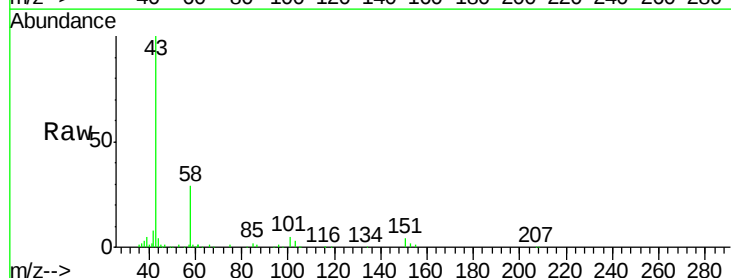
RT: 4.15 min Scan# 420

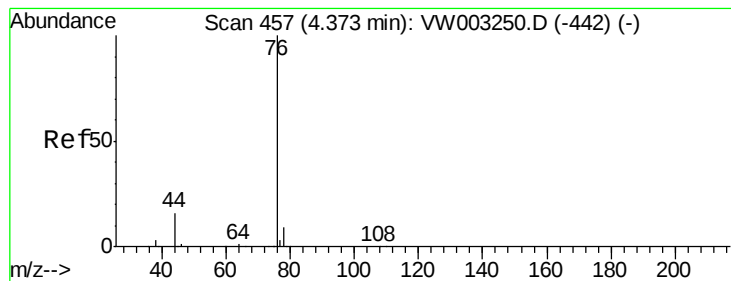
Delta R.T. 0.00 min

Lab File: VW003500.D

Acq: 24 Jun 2018 10:05

Tgt Ion:	43	Resp:	112641
Ion Ratio	Lower	Upper	
43	100		
58	28.9	22.6	34.0





#17

Carbon Disulfide

Concen: 46.05 ug/l

RT: 4.37 min Scan# 457

Delta R.T. 0.00 min

Lab File: VW003500.D

Acq: 24 Jun 2018 10:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 277884

Ion Ratio Lower Upper

76 100

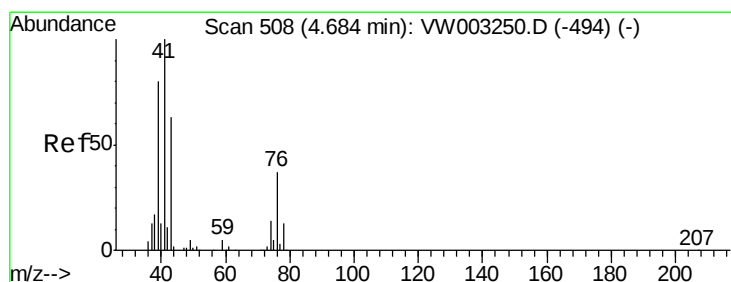
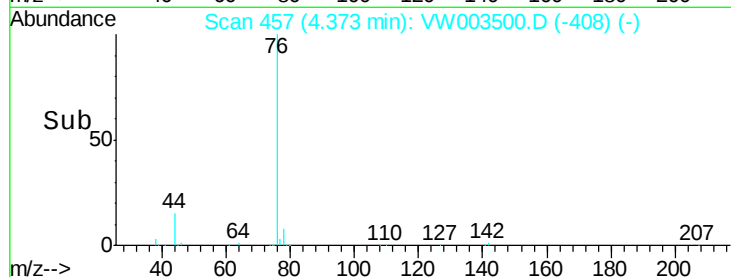
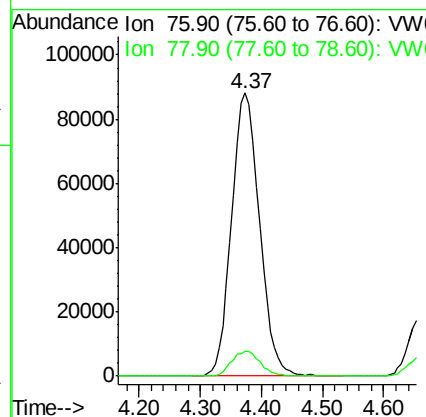
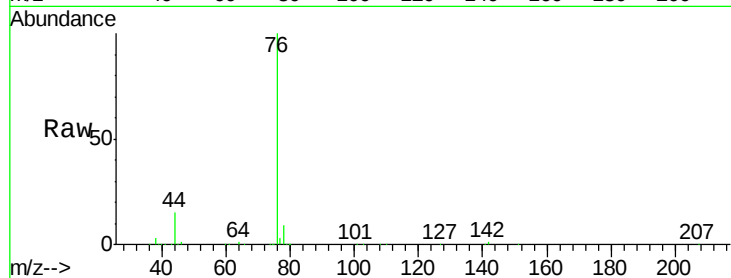
78 8.9 7.1 10.7

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#18

Methyl Acetate

Concen: 59.17 ug/l

RT: 4.68 min Scan# 507

Delta R.T. -0.01 min

Lab File: VW003500.D

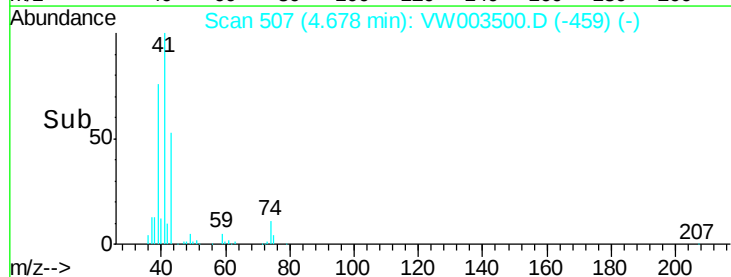
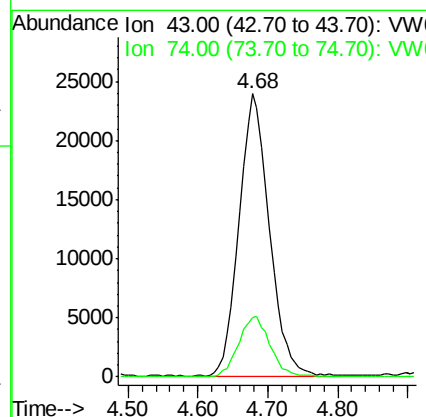
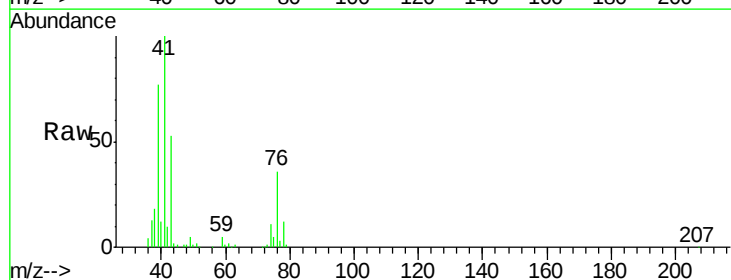
Acq: 24 Jun 2018 10:05

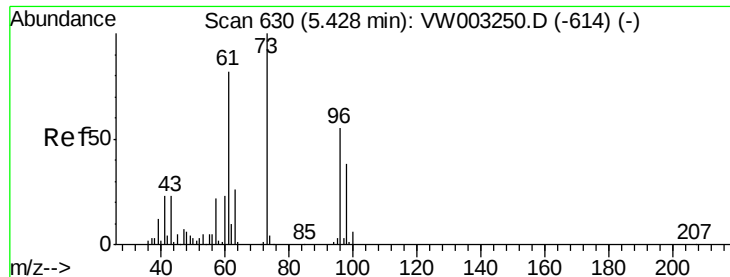
Tgt Ion: 43 Resp: 71896

Ion Ratio Lower Upper

43 100

74 22.1 18.7 28.1





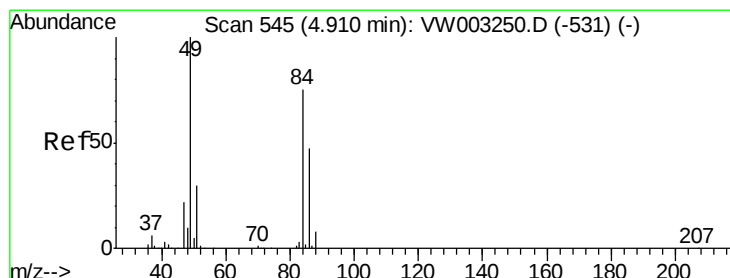
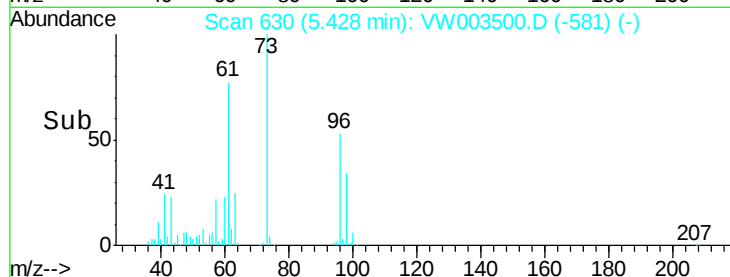
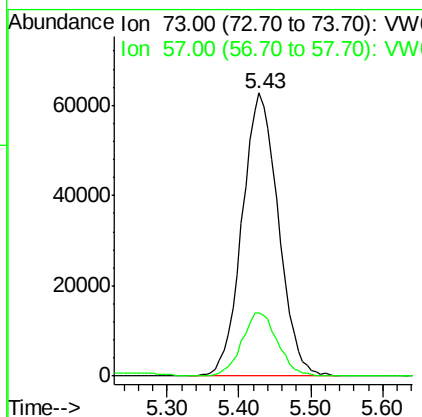
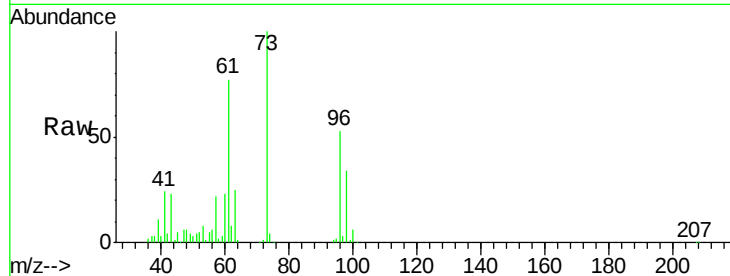
#19
Methvl tert-butvl Ether
Concen: 57.24 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW003500.D
Acq: 24 Jun 2018 10:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 218786
Ion Ratio Lower Upper
73 100
57 22.4 18.0 27.0

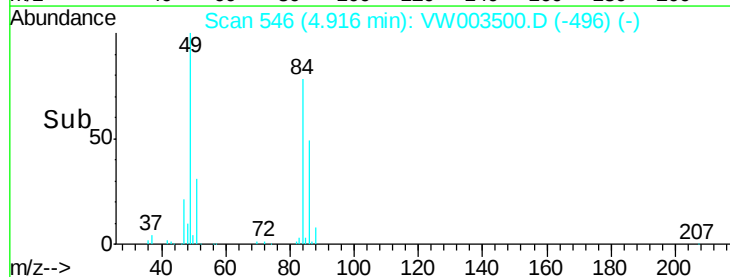
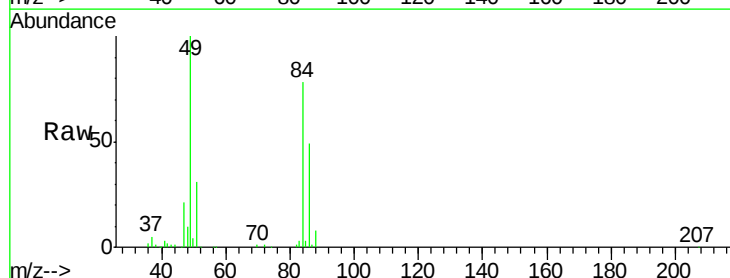
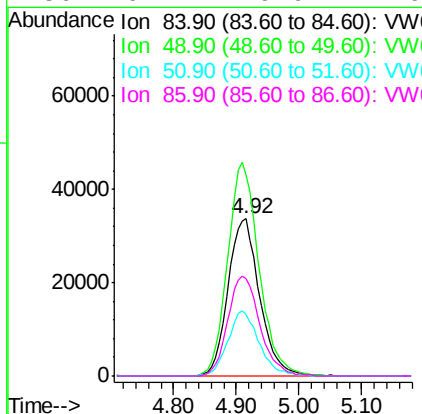
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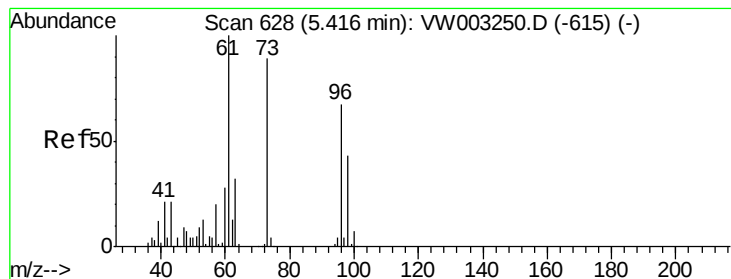
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#20
Methylene Chloride
Concen: 54.43 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW003500.D
Acq: 24 Jun 2018 10:05

Tgt Ion: 84 Resp: 117720
Ion Ratio Lower Upper
84 100
49 127.9 106.3 159.5
51 39.1 32.0 48.0
86 62.1 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 49.57 ug/l

RT: 5.42 min Scan# 629

Delta R.T. 0.01 min

Lab File: VW003500.D

Acq: 24 Jun 2018 10:05

Instrument :

MSVOA_W

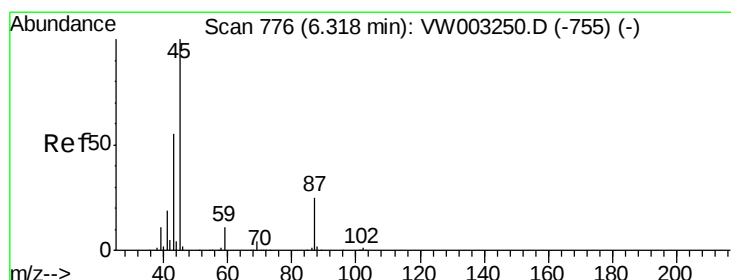
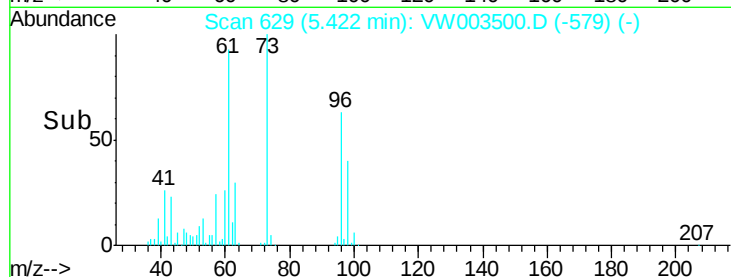
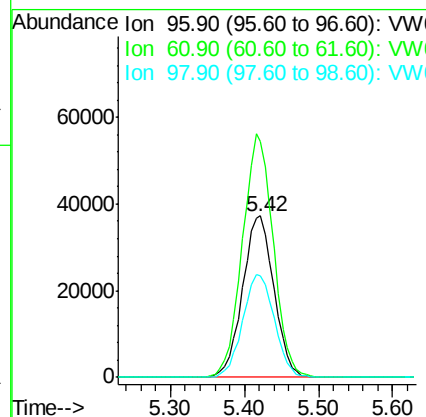
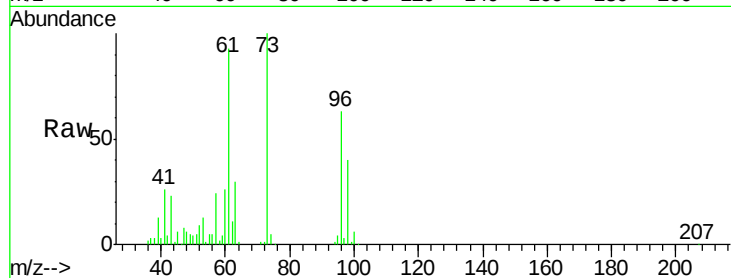
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	110104
Ion	Ratio	Lower	Upper
96	100		
61	146.5	118.7	178.1
98	62.7	51.0	76.6

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#22

Diisopropyl ether

Concen: 56.93 ug/l

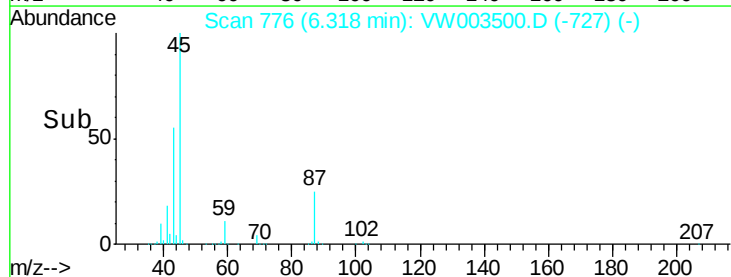
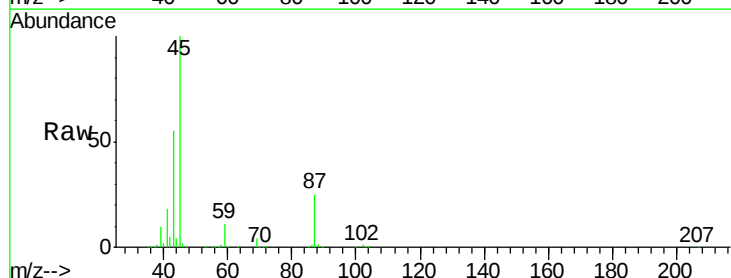
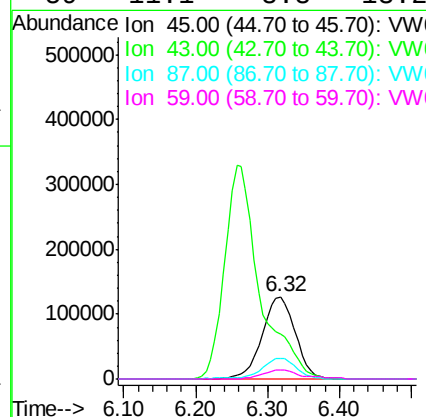
RT: 6.32 min Scan# 776

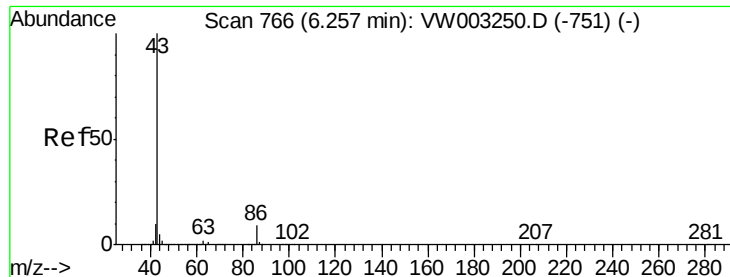
Delta R.T. 0.00 min

Lab File: VW003500.D

Acq: 24 Jun 2018 10:05

Tgt Ion:	45	Resp:	405082
Ion	Ratio	Lower	Upper
45	100		
43	54.4	44.0	66.0
87	24.7	20.6	31.0
59	11.1	8.8	13.2





#23

Vinyl Acetate

Concen: 273.12 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW003500.D

Acq: 24 Jun 2018 10:05

Tot Ion: 43 Resp: 1119834

Ion Ratio Lower Upper

43 100

86 8.9 7.5 11.3

Instrument :

MSVOA_W

ClientSampleId :

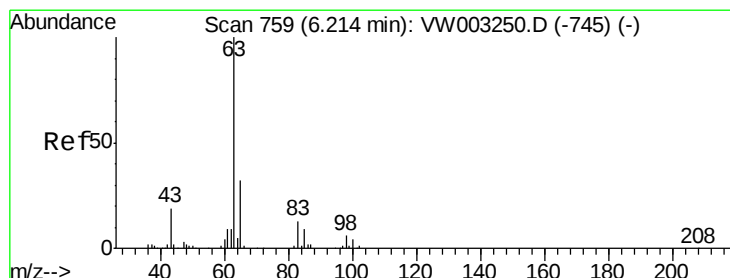
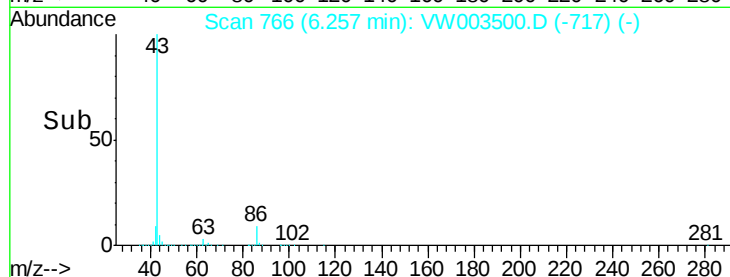
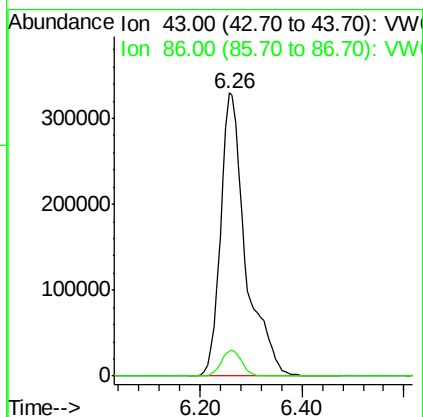
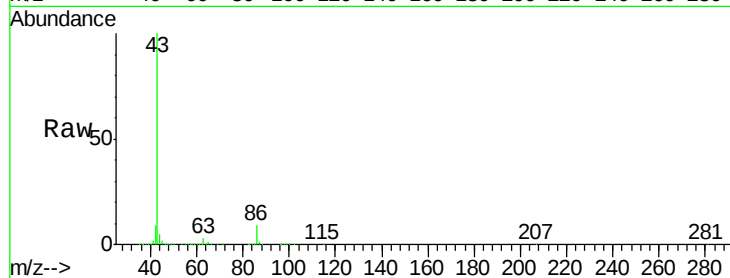
VSTDCCC050EC

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#24

1,1-Dichloroethane

Concen: 53.02 ug/l

RT: 6.22 min Scan# 760

Delta R.T. 0.01 min

Lab File: VW003500.D

Acq: 24 Jun 2018 10:05

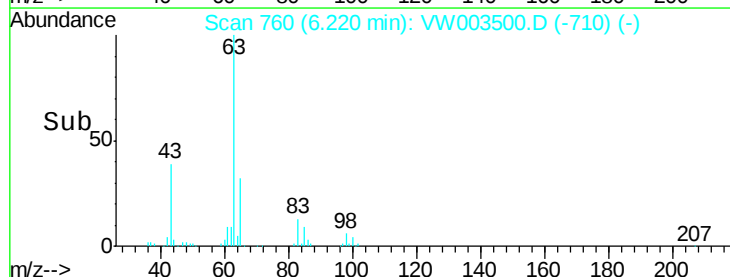
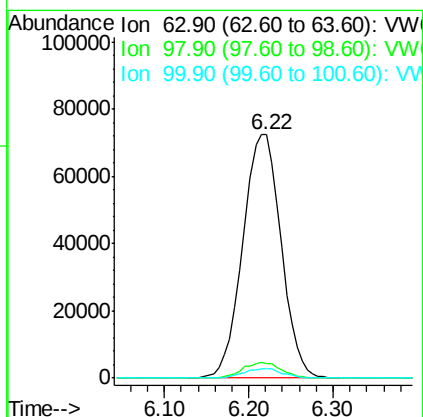
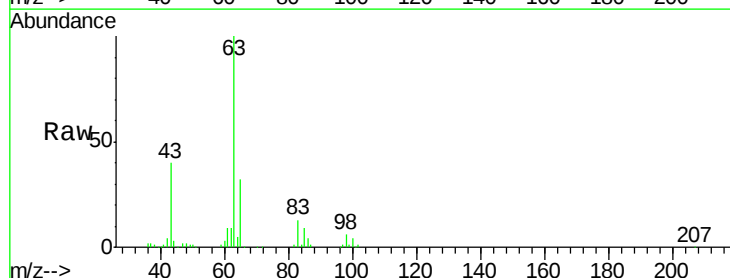
Tgt Ion: 63 Resp: 223942

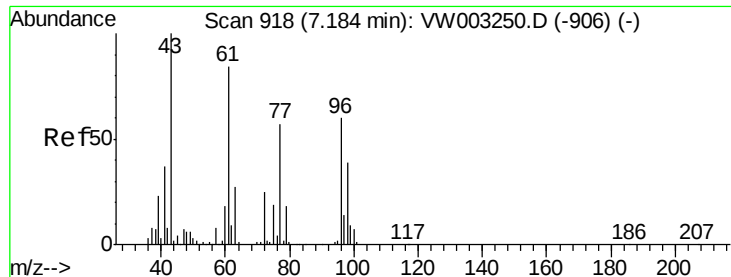
Ion Ratio Lower Upper

63 100

98 6.1 2.8 8.3

100 3.9 2.1 6.5





#25

2-Butanone

Concen: 269.85 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.00 min

Lab File: VW003500.D

Acq: 24 Jun 2018 10:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 171856

Ion Ratio Lower Upper

43 100

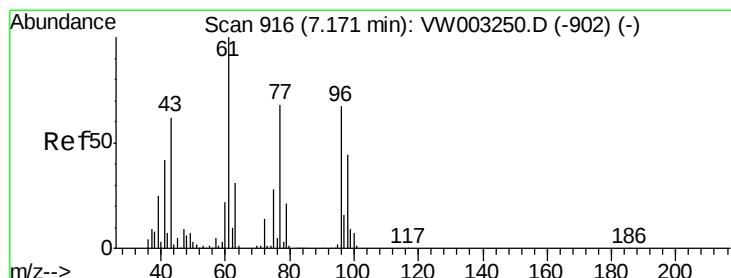
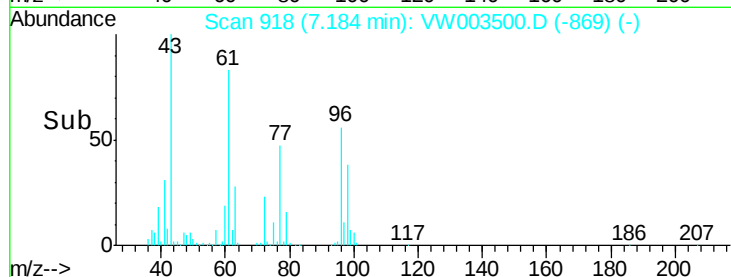
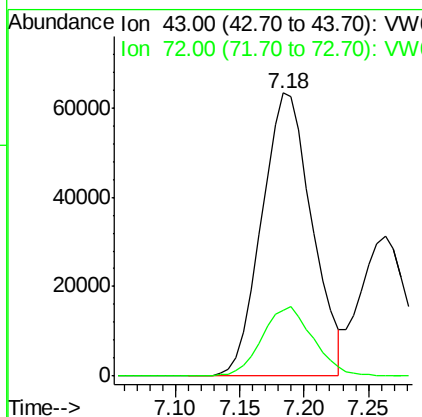
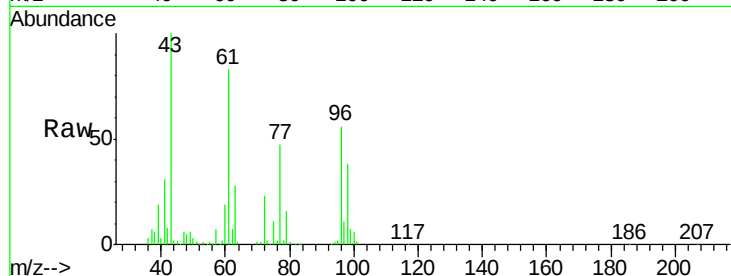
72 23.4 20.3 30.5

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#26

2,2-Dichloropropane

Concen: 41.67 ug/l

RT: 7.17 min Scan# 916

Delta R.T. 0.00 min

Lab File: VW003500.D

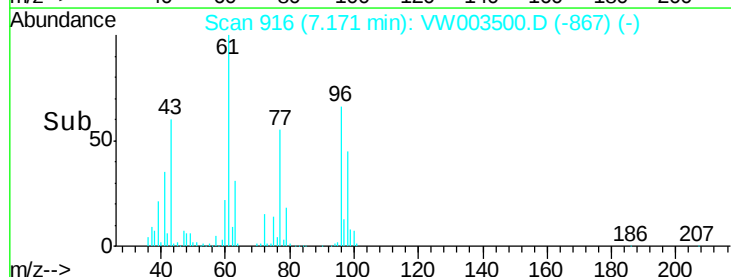
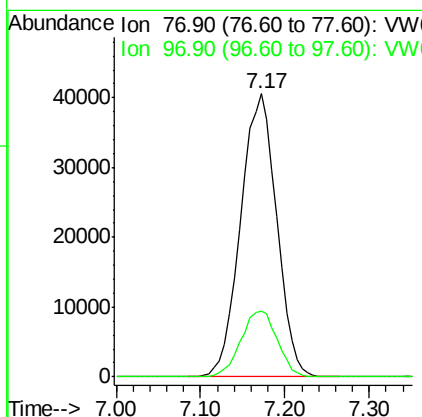
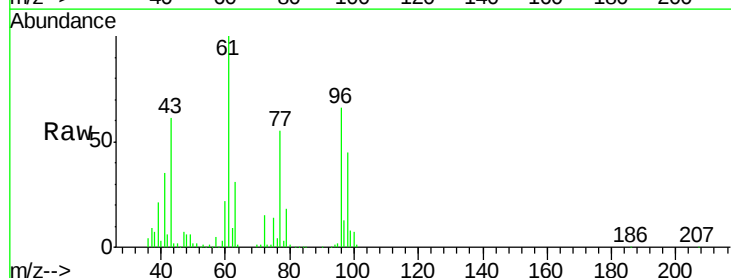
Acq: 24 Jun 2018 10:05

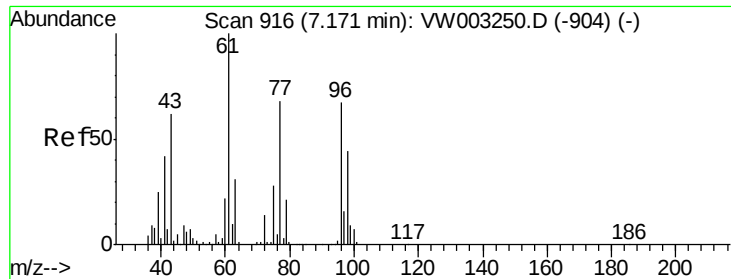
Tgt Ion: 77 Resp: 117469

Ion Ratio Lower Upper

77 100

97 23.5 11.3 33.9





#27

cis-1,2-Dichloroethene

Concen: 52.90 ug/l

RT: 7.17 min Scan# 916

Delta R.T. 0.00 min

Lab File: VW003500.D

Acq: 24 Jun 2018 10:05

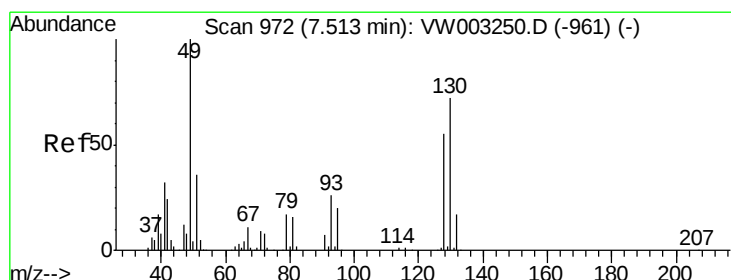
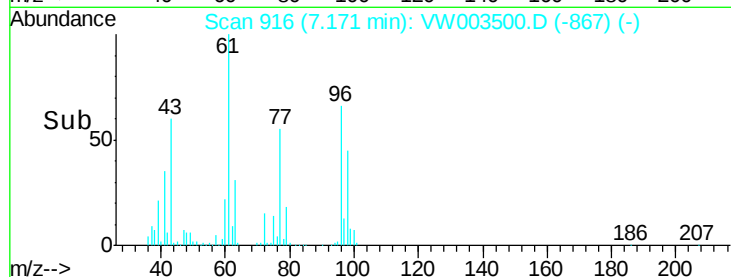
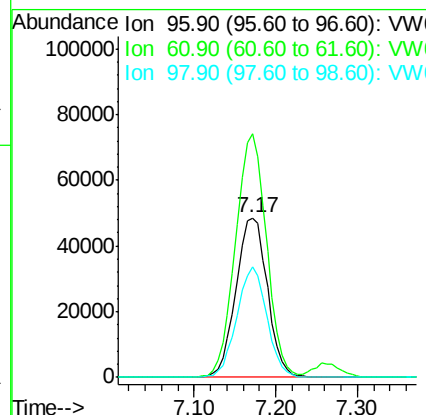
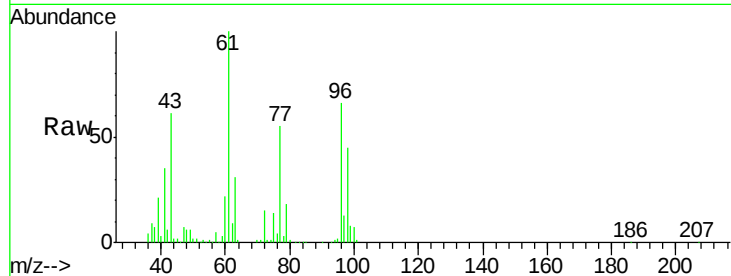
Instrument :
MSVOA_W

ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	150.6	0.0	298.8
98	66.2	0.0	130.4

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#28

Bromochloromethane

Concen: 61.38 ug/l

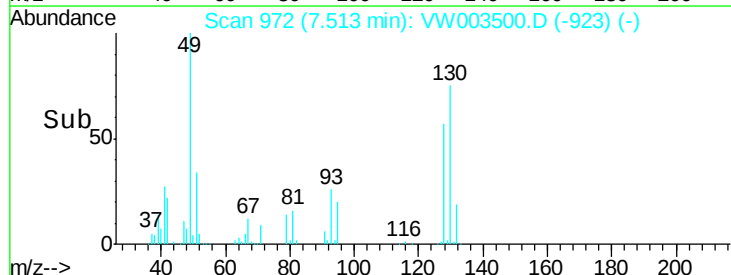
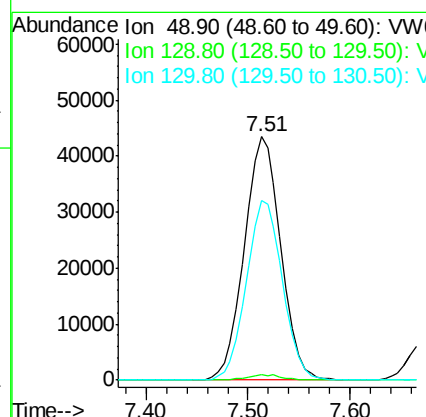
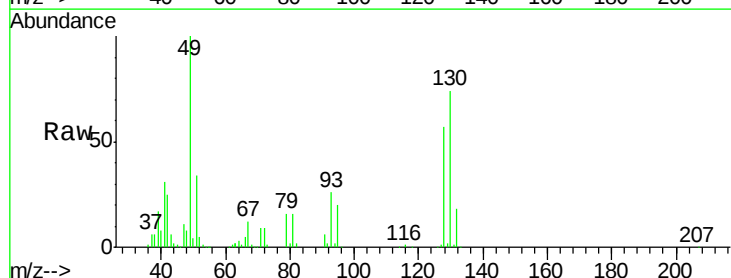
RT: 7.51 min Scan# 972

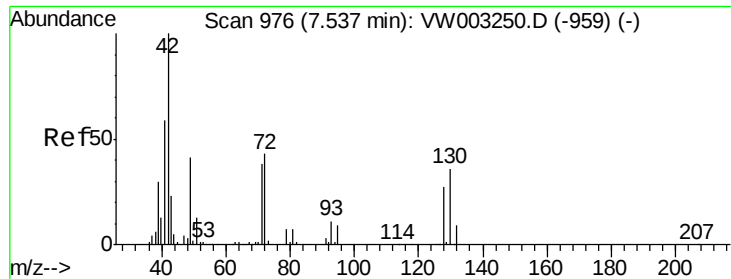
Delta R.T. 0.00 min

Lab File: VW003500.D

Acq: 24 Jun 2018 10:05

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.6
130	73.1	59.4	89.2





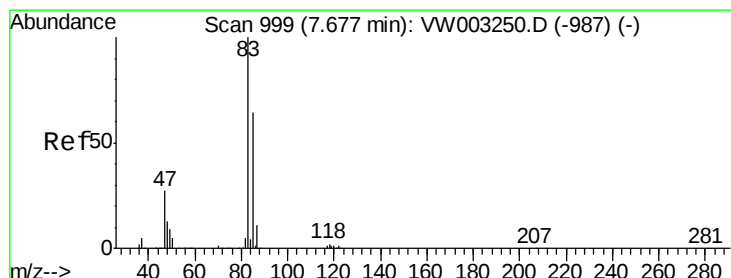
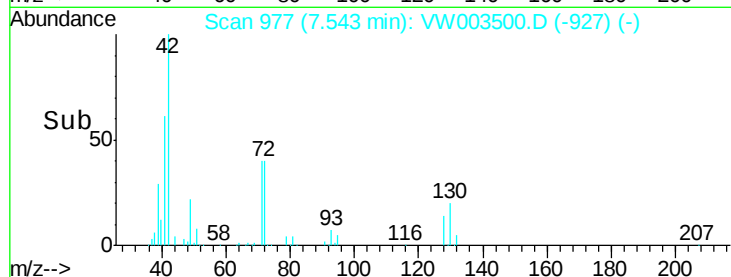
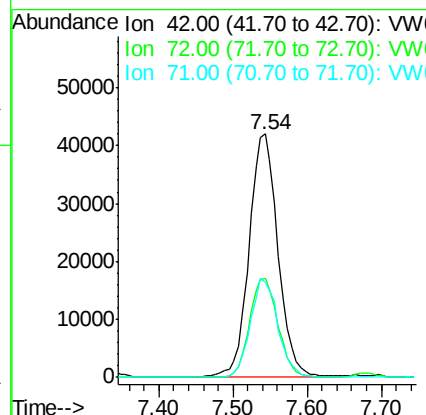
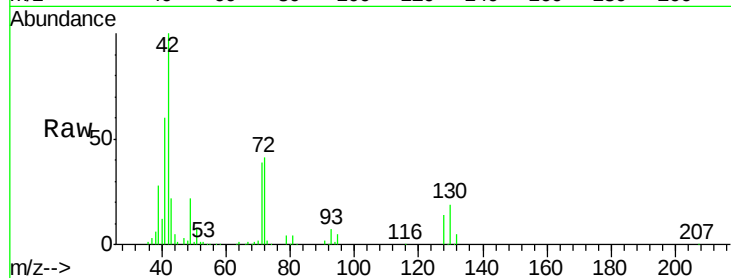
#29
Tetrahydrofuran
Concen: 294.49 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW003500.D
Acq: 24 Jun 2018 10:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.0	32.4	48.6
71	38.9	31.2	46.8

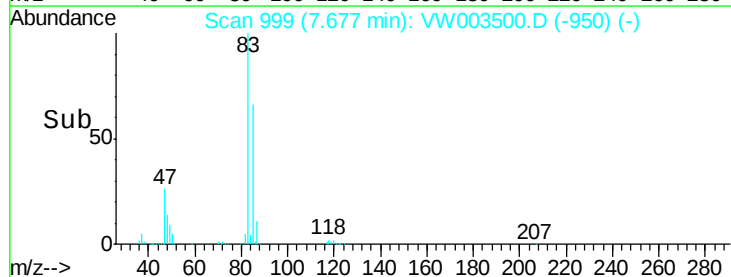
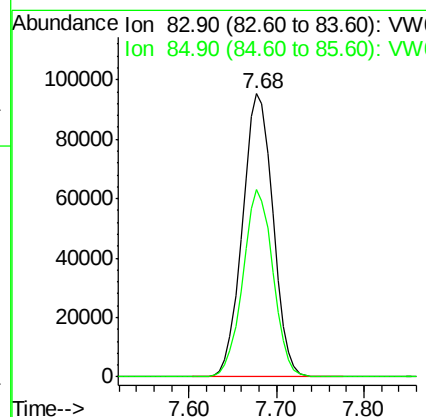
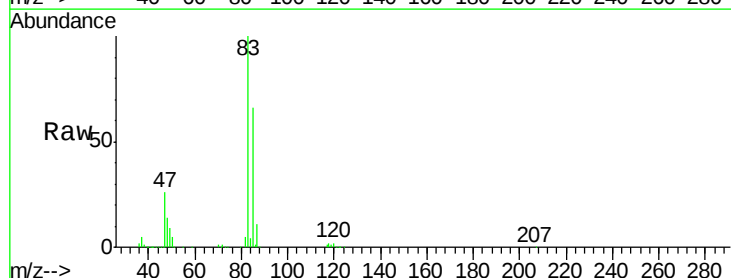
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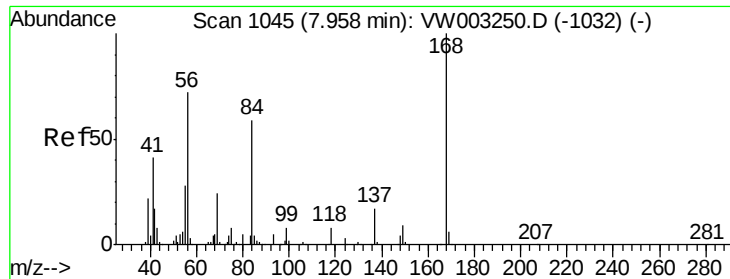
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#30
Chloroform
Concen: 53.63 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003500.D
Acq: 24 Jun 2018 10:05

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.1	51.3	76.9





#31

Cyclohexane

Concen: 43.29 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. 0.00 min

Lab File: VW003500.D

Acq: 24 Jun 2018 10:05

Instrument :

MSVOA_W

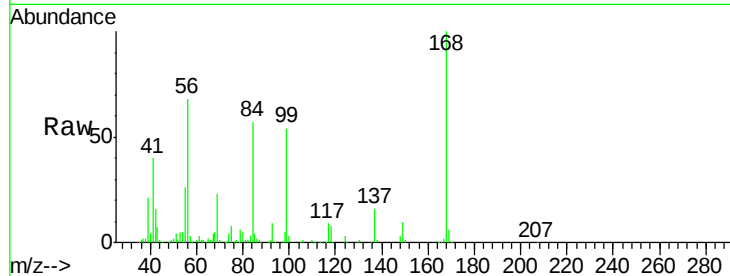
ClientSampled :

VSTDCCC050EC

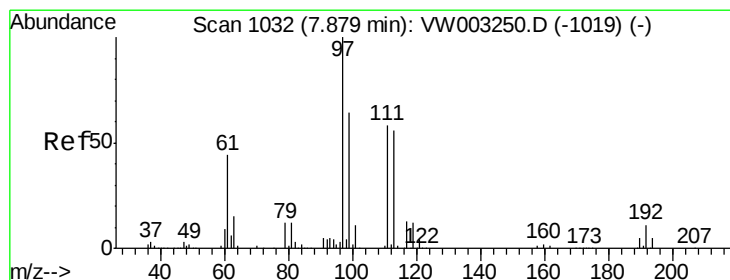
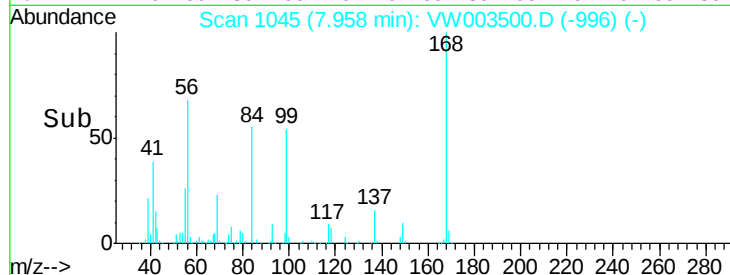
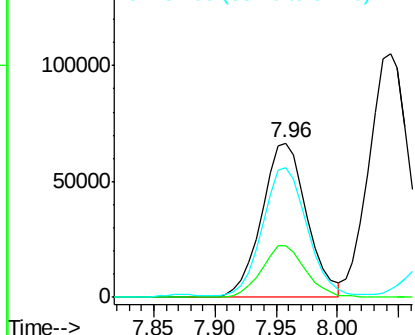
Tot Ion:	56	Resp:	170822
Ion	Ratio	Lower	Upper
56	100		
69	33.3	26.3	39.5
84	82.5	65.7	98.5

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Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



#32

1,1,1-Trichloroethane

Concen: 49.44 ug/l

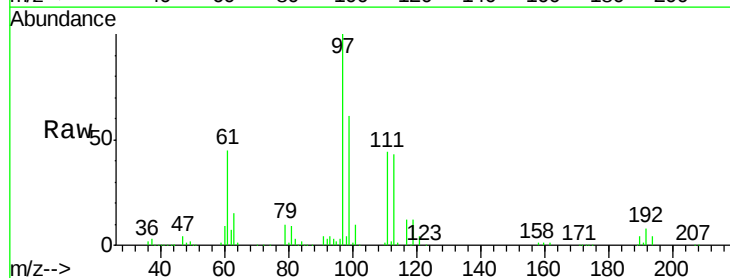
RT: 7.87 min Scan# 1031

Delta R.T. -0.01 min

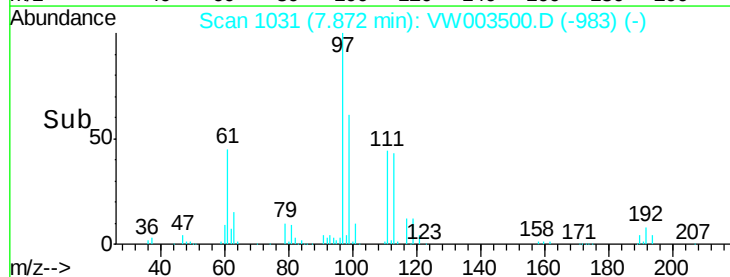
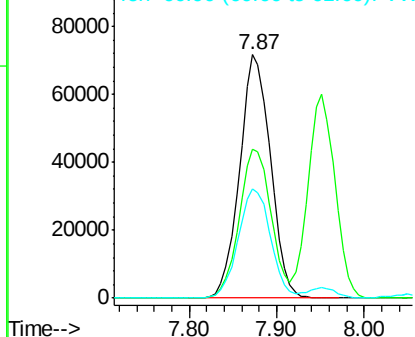
Lab File: VW003500.D

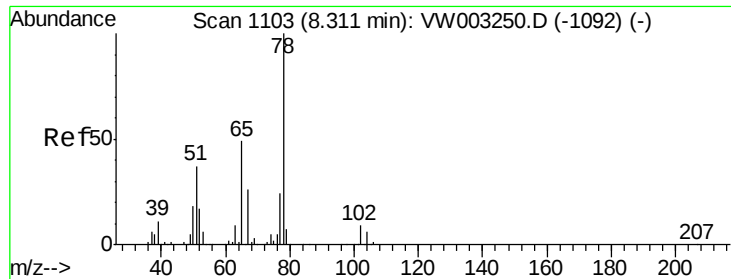
Acq: 24 Jun 2018 10:05

Tgt Ion:	97	Resp:	175623
Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.7	77.5
61	46.8	37.6	56.4



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW





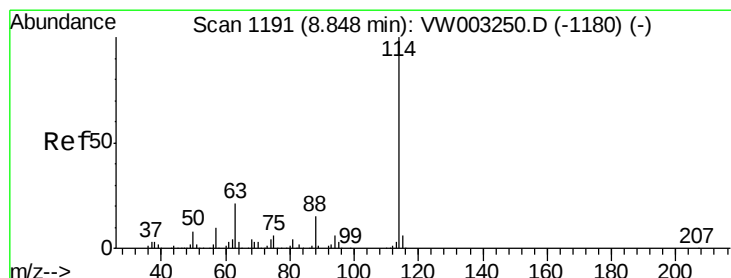
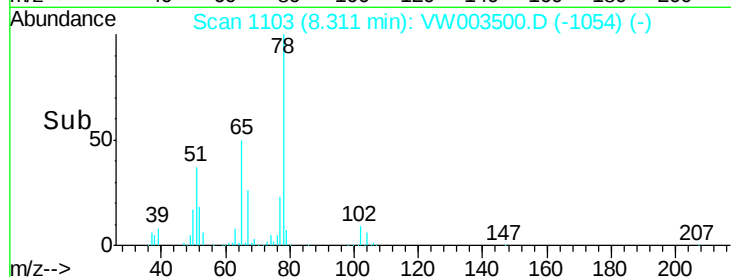
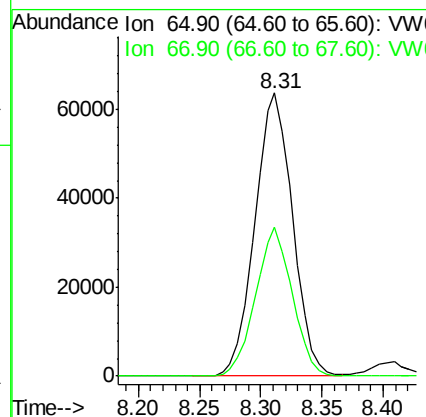
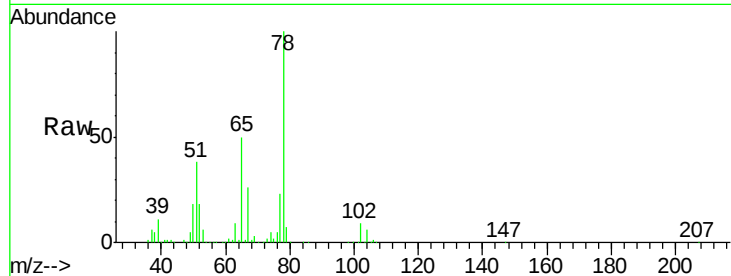
#33
 1,2-Dichloroethane-d4
 Concen: 55.86 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW003500.D
 Acq: 24 Jun 2018 10:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	51.6	0.0	104.2	

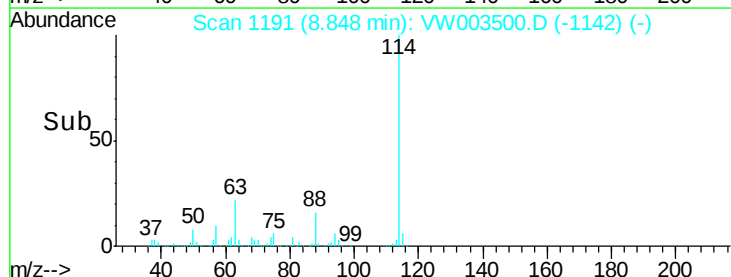
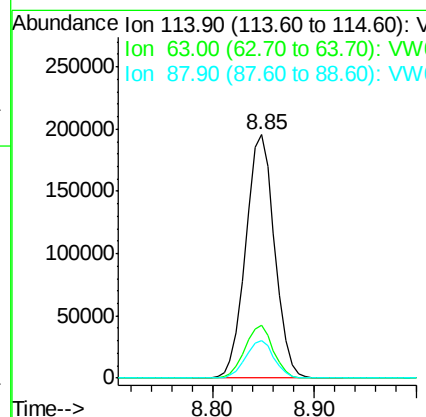
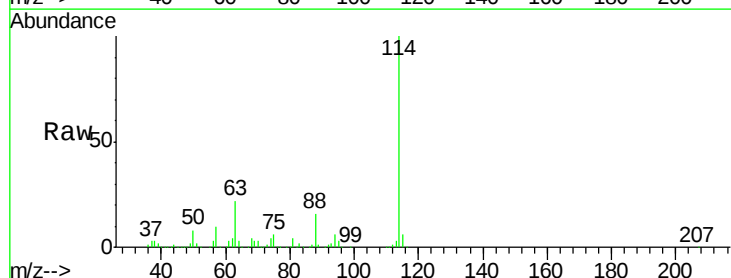
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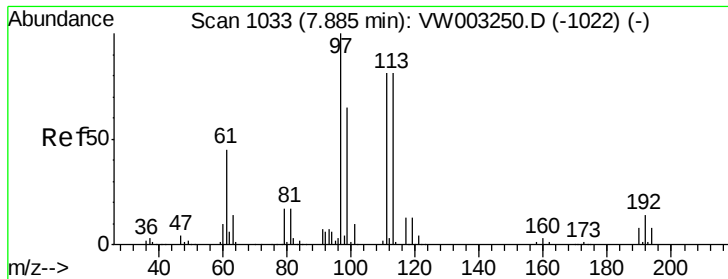
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003500.D
 Acq: 24 Jun 2018 10:05

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	21.9	0.0	43.0	
88	15.7	0.0	29.6	





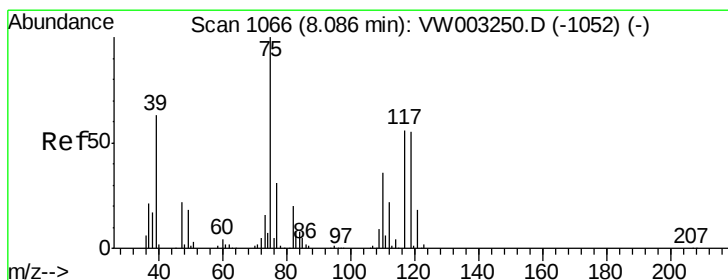
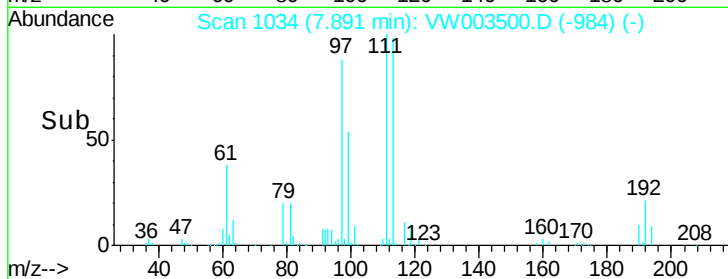
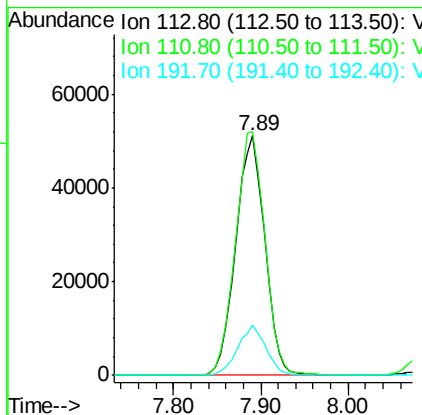
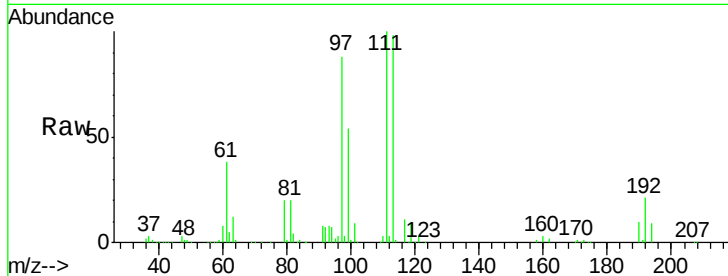
#35
 Dibromofluoromethane
 Concen: 49.69 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW003500.D
 Acq: 24 Jun 2018 10:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	118324		
111	103.1	82.2	123.2	
192	20.1	16.2	24.2	

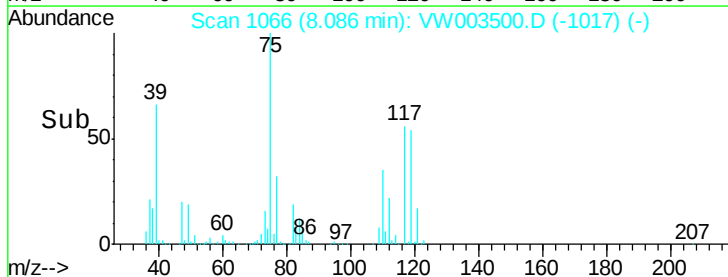
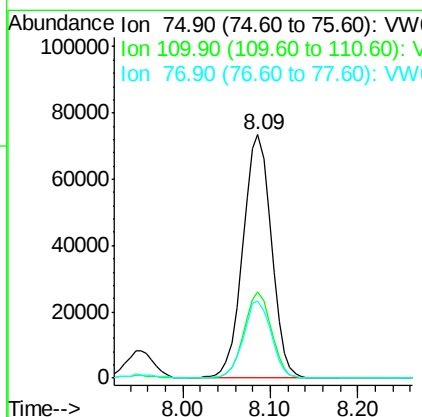
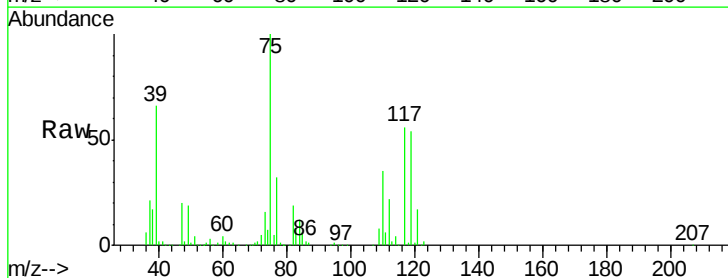
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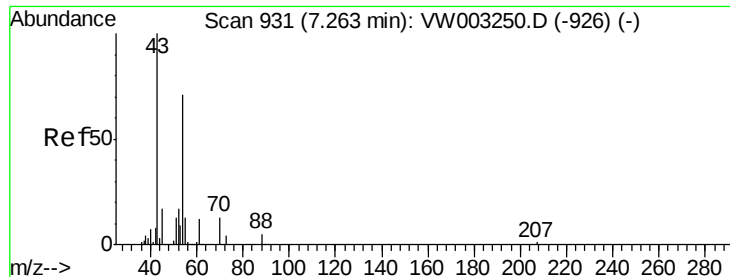
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#36
 1,1-Dichloropropene
 Concen: 44.92 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: VW003500.D
 Acq: 24 Jun 2018 10:05

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	166259		
110	33.9	17.1	51.3	
77	31.4	24.9	37.3	





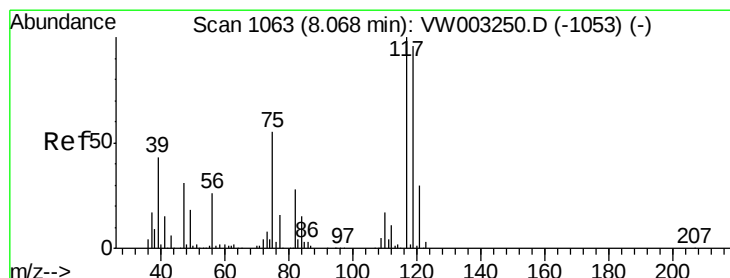
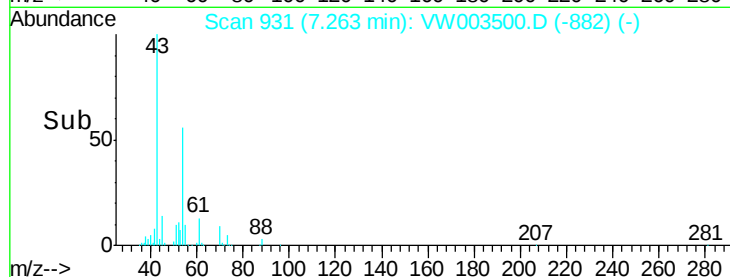
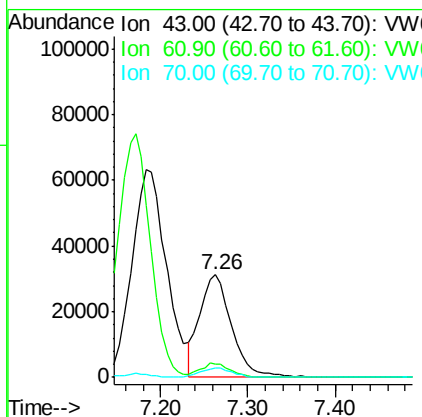
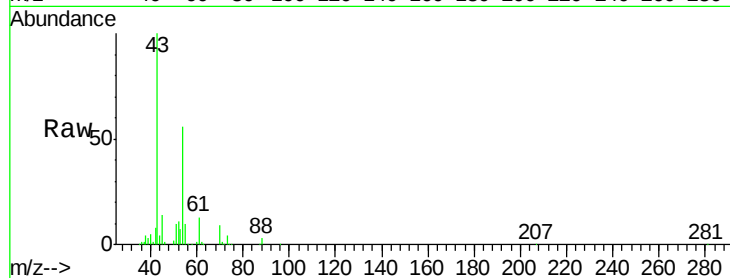
#37
Ethyl Acetate
Concen: 51.12 ug/l
RT: 7.26 min Scan# 931
Delta R.T. 0.00 min
Lab File: VW003500.D
Acq: 24 Jun 2018 10:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.8	16.2
70	9.2	7.8	11.6

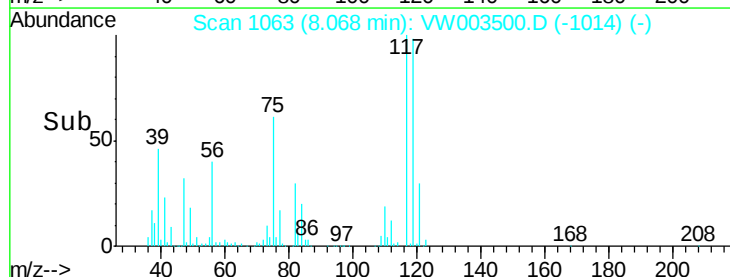
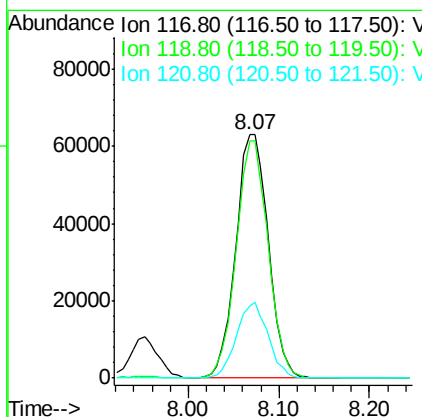
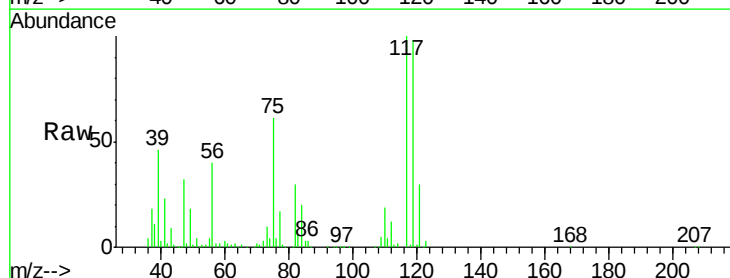
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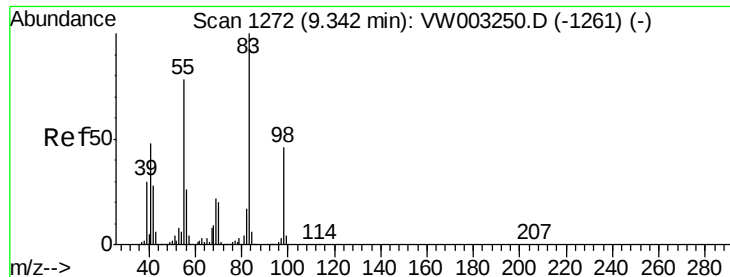
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#38
Carbon Tetrachloride
Concen: 43.33 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW003500.D
Acq: 24 Jun 2018 10:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.6	76.6	115.0
121	29.8	23.9	35.9





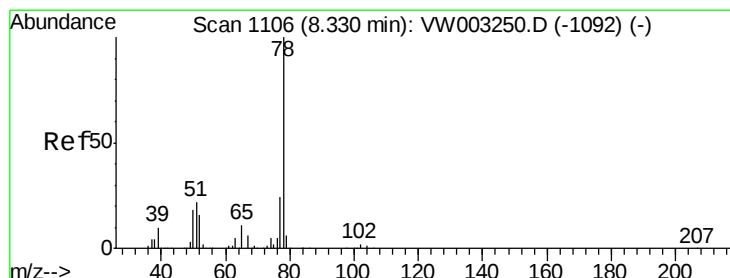
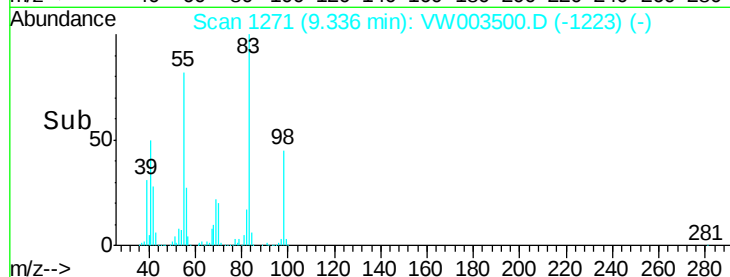
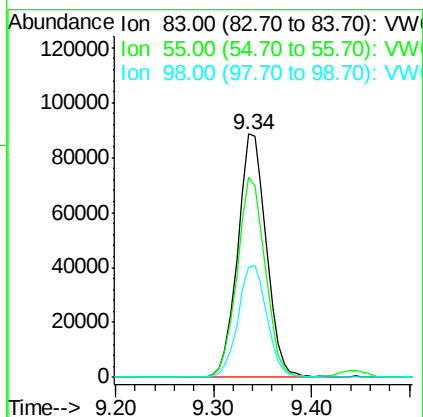
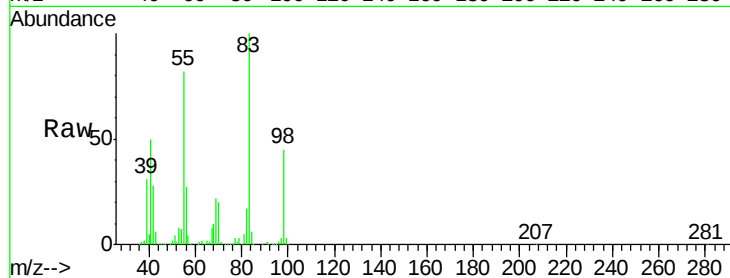
#39
Methvlcvclohexane
Concen: 42.05 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.01 min
Lab File: VW003500.D
Acq: 24 Jun 2018 10:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	82.0	62.6	93.8
98	45.3	37.0	55.4

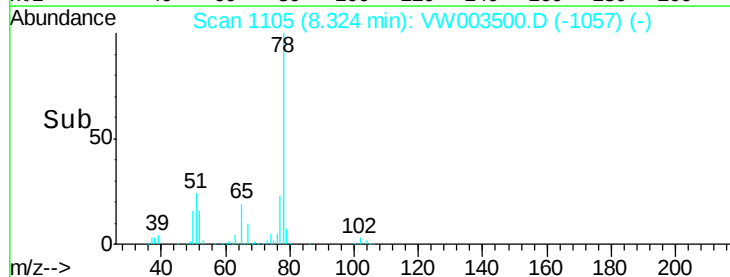
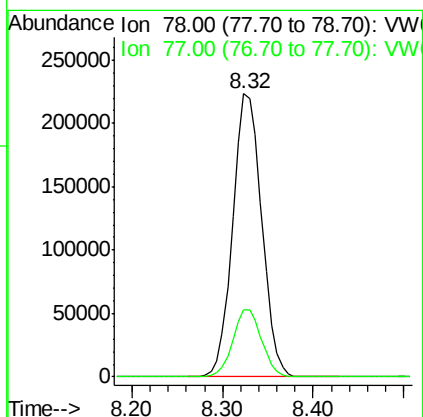
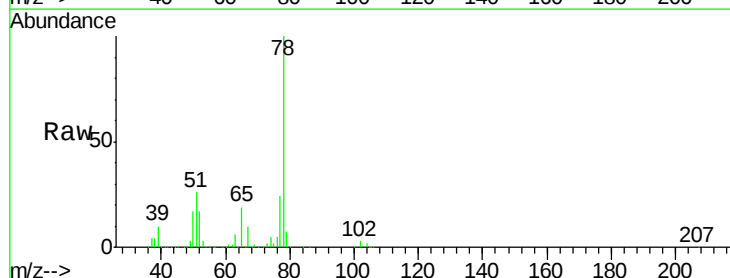
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#40
Benzene
Concen: 48.84 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VW003500.D
Acq: 24 Jun 2018 10:05

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.0	28.6





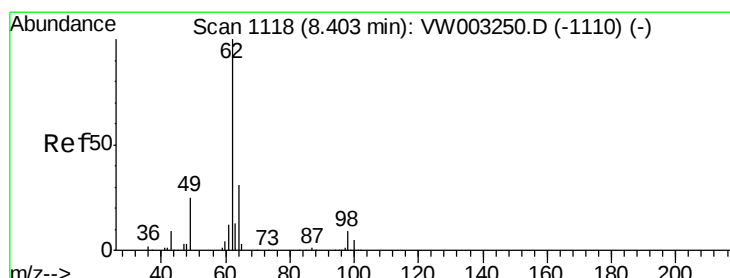
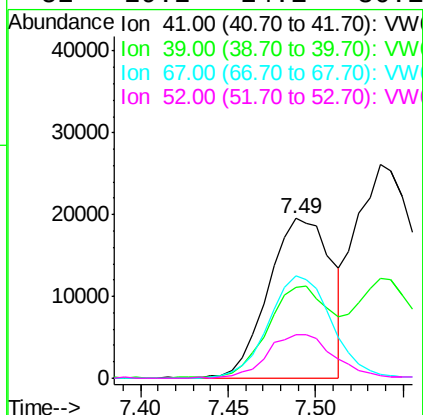
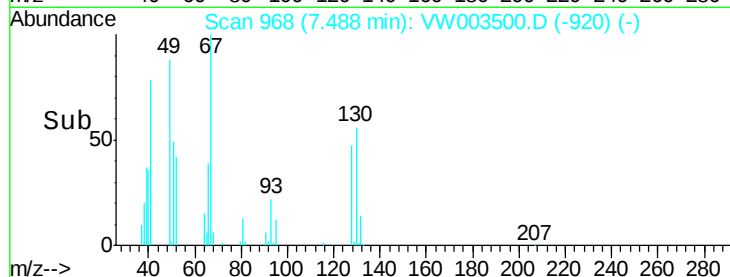
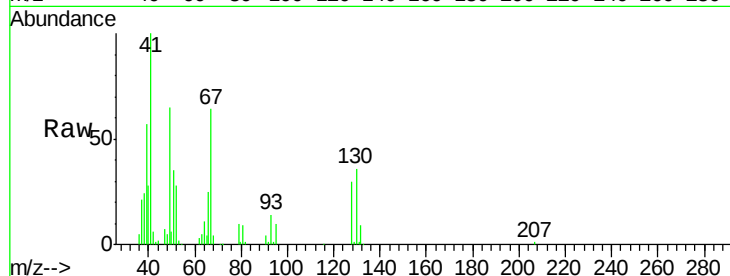
#41
Methacrylonitrile
Concen: 52.52 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.01 min
Lab File: VW003500.D
Acq: 24 Jun 2018 10:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	56.5	45.8	68.8
67	64.5	52.3	78.5
52	29.2	24.1	36.1

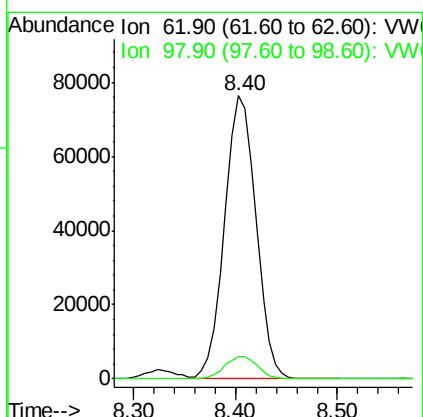
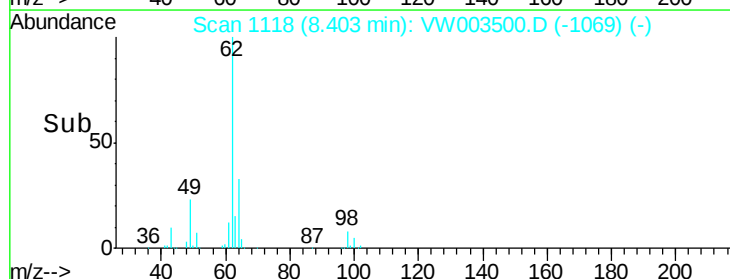
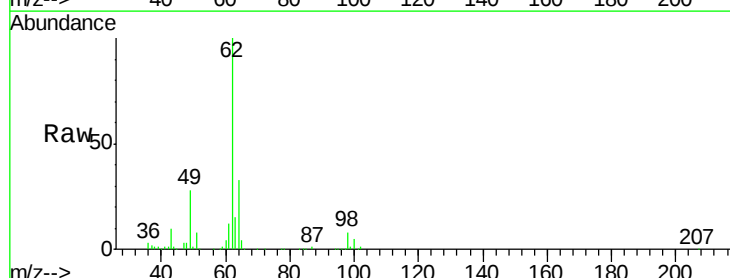
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#42
1,2-Dichloroethane
Concen: 51.17 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003500.D
Acq: 24 Jun 2018 10:05

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	17.2





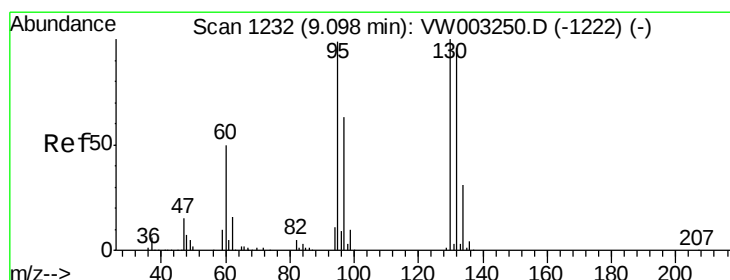
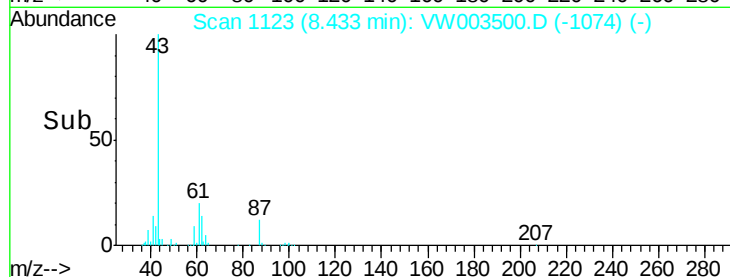
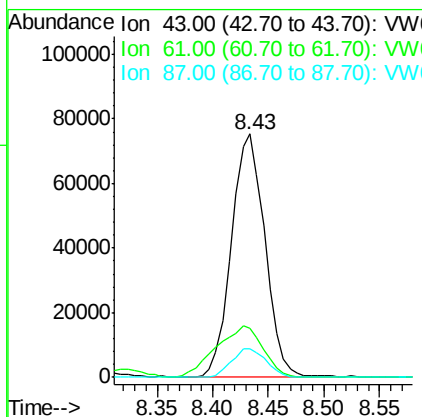
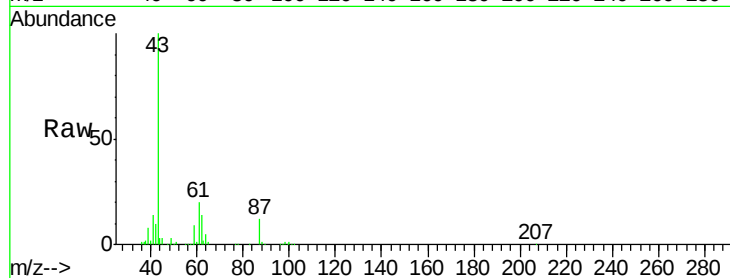
#43
Isopropyl Acetate
Concen: 51.39 ug/l
RT: 8.43 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VW003500.D
Acq: 24 Jun 2018 10:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.7	23.1	34.7
87	12.2	9.8	14.6

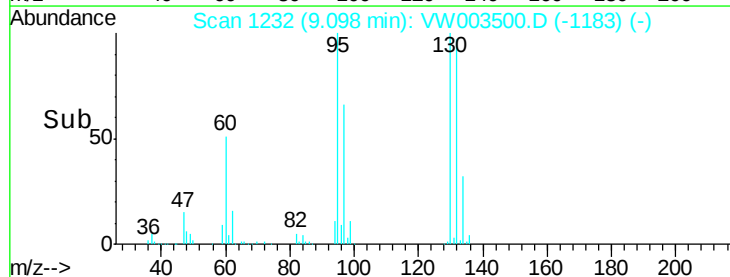
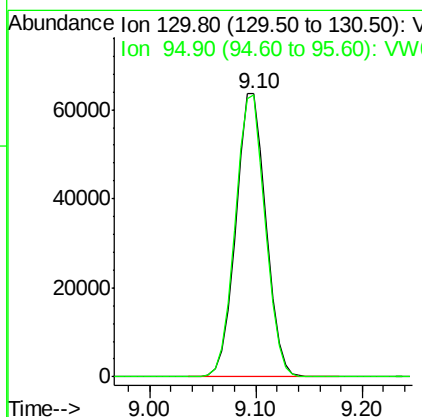
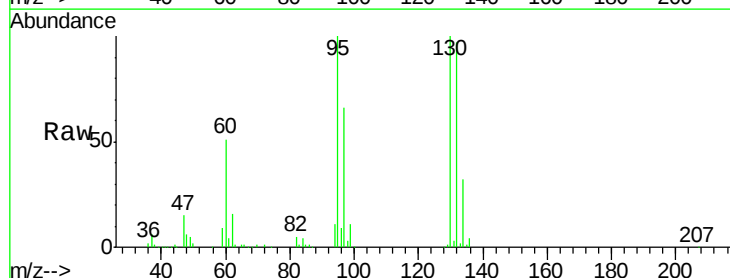
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#44
Trichloroethene
Concen: 46.62 ug/l
RT: 9.10 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VW003500.D
Acq: 24 Jun 2018 10:05

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.8	0.0	198.0





#45

1,2-Dichloropropane

Concen: 50.85 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VW003500.D

Acq: 24 Jun 2018 10:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 132082

Ion Ratio Lower Upper

63 100

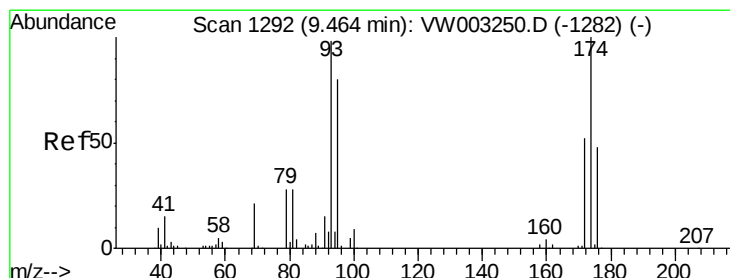
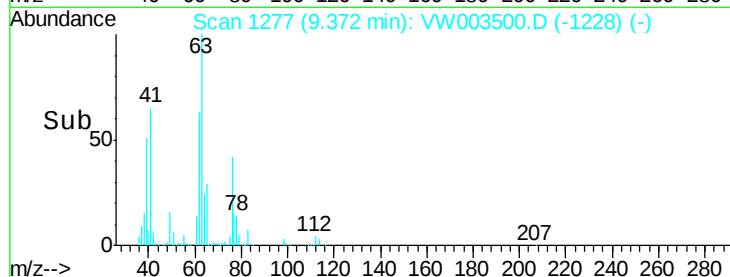
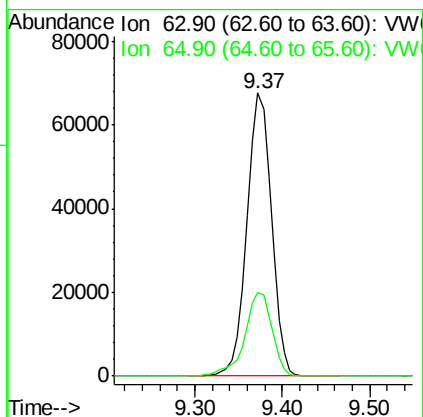
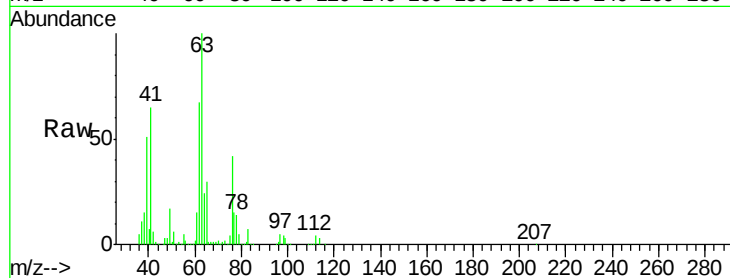
65 29.5 25.1 37.7

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#46

Dibromomethane

Concen: 50.91 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. 0.00 min

Lab File: VW003500.D

Acq: 24 Jun 2018 10:05

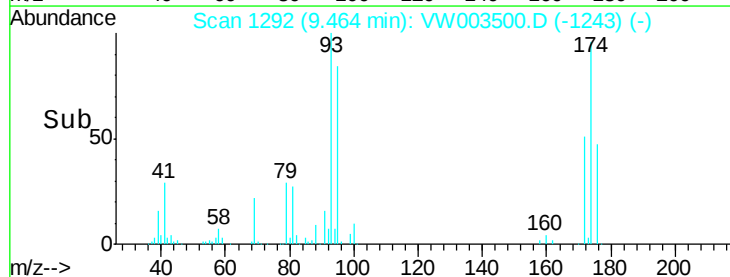
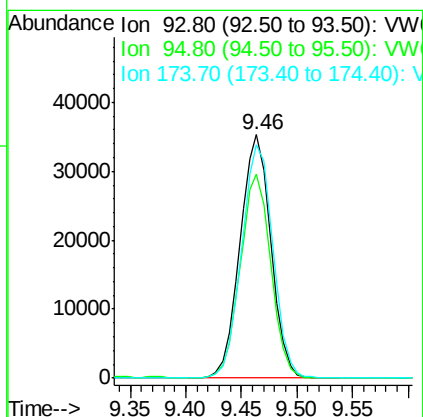
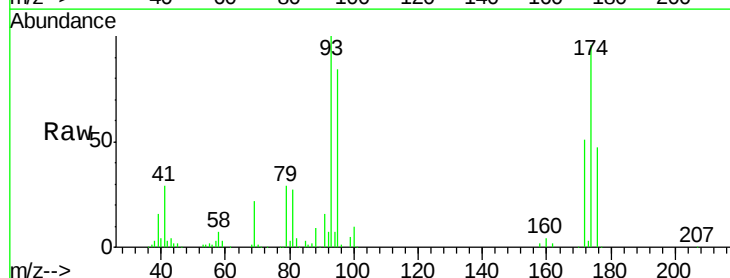
Tgt Ion: 93 Resp: 67701

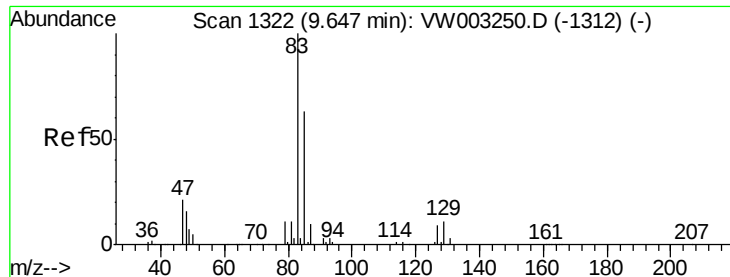
Ion Ratio Lower Upper

93 100

95 83.5 65.8 98.8

174 97.5 81.4 122.0





#47

Bromodichloromethane

Concen: 50.56 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW003500.D

Acq: 24 Jun 2018 10:05

Instrument :

MSVOA_W

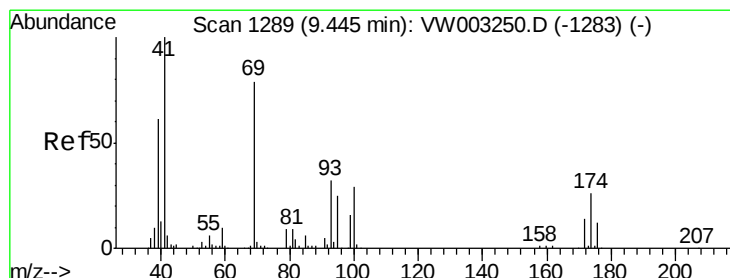
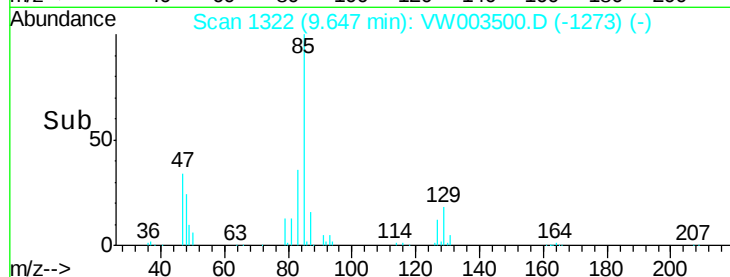
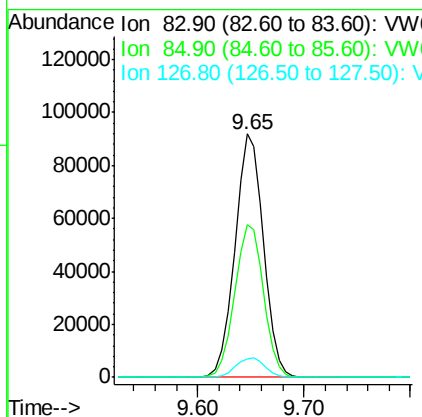
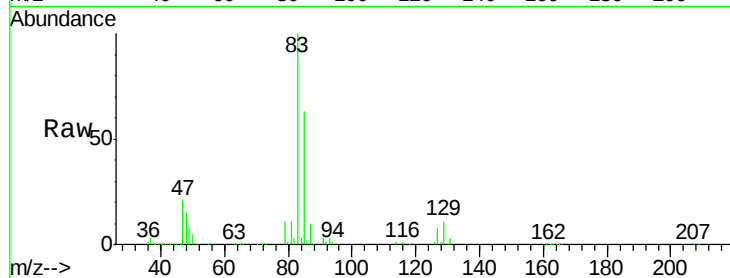
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	172354
Ion	Ratio	Lower	Upper
83	100		
85	62.7	50.6	75.8
127	7.7	6.8	10.2

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#48

Methyl methacrylate

Concen: 54.24 ug/l

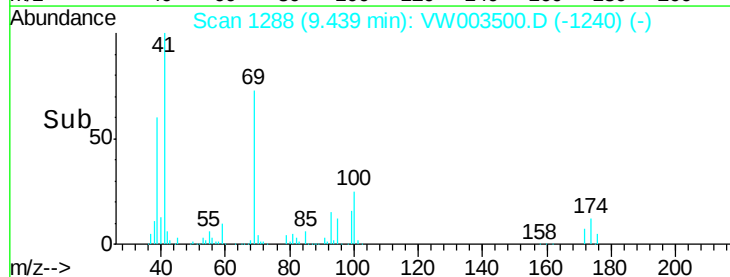
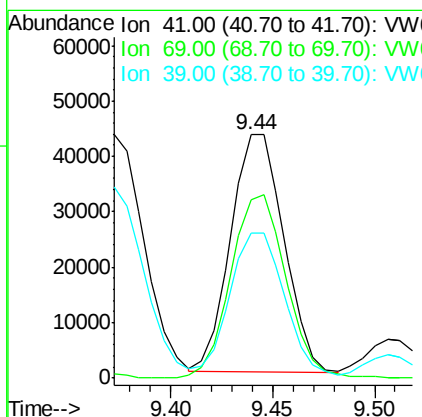
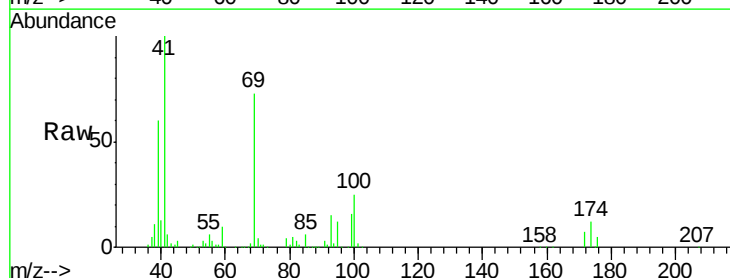
RT: 9.44 min Scan# 1288

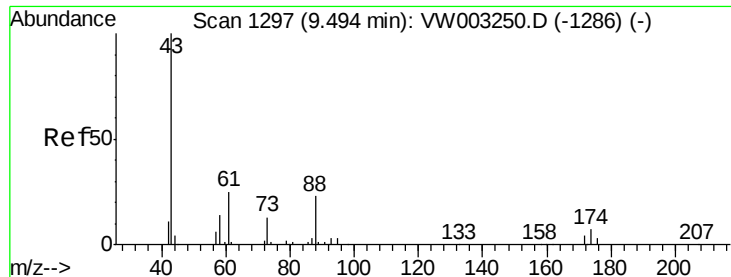
Delta R.T. -0.01 min

Lab File: VW003500.D

Acq: 24 Jun 2018 10:05

Tgt Ion:	41	Resp:	77611
Ion	Ratio	Lower	Upper
41	100		
69	80.2	65.4	98.2
39	63.8	54.2	81.2





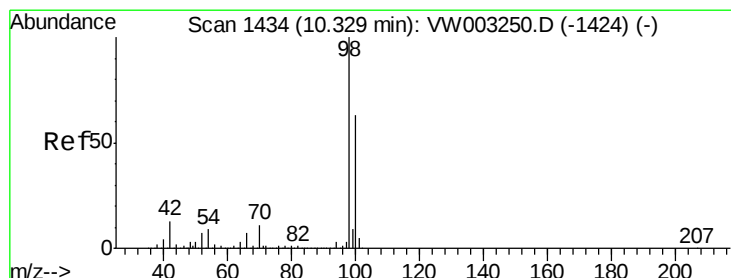
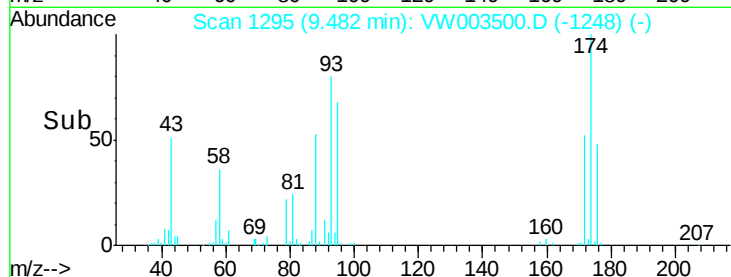
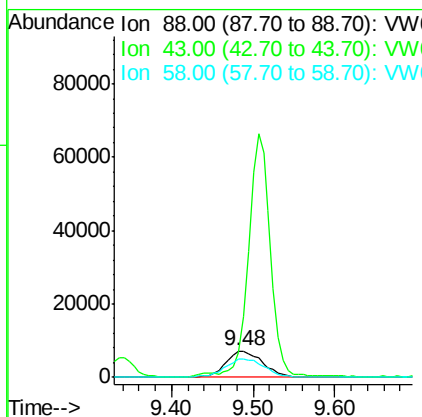
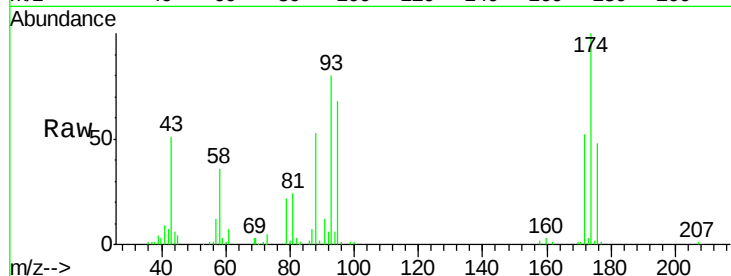
#49
1,4-Dioxane
Concen: 1115.85 ug/l
RT: 9.48 min Scan# 1295
Delta R.T. -0.01 min
Lab File: VW003500.D
Acq: 24 Jun 2018 10:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	22406
Ion Ratio	Lower	Upper	
88	100		
43	0.0	454.7	682.1#
58	74.4	58.6	88.0

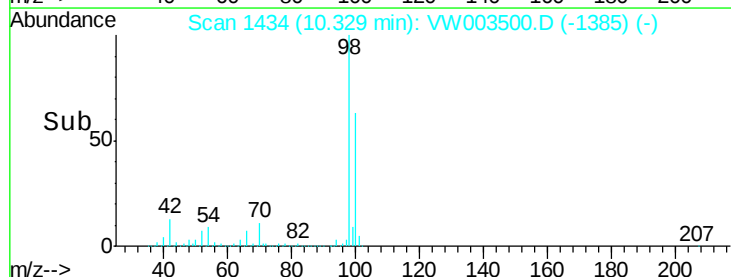
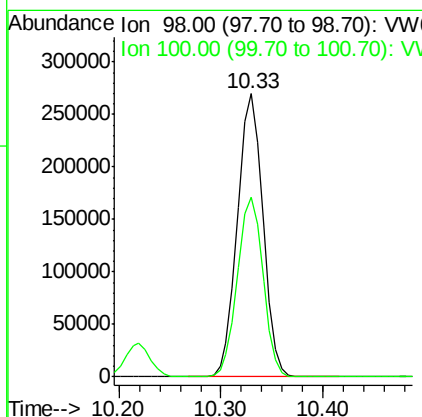
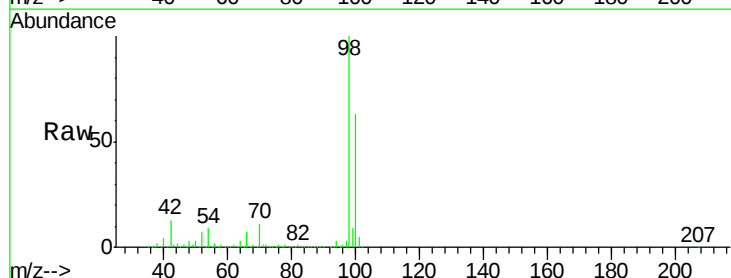
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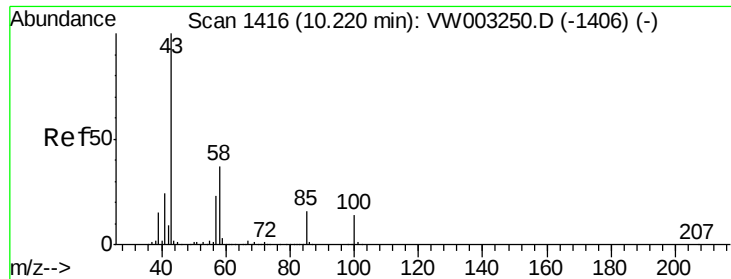
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#50
Toluene-d8
Concen: 49.49 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003500.D
Acq: 24 Jun 2018 10:05

Tgt Ion	98	Resp	467338
Ion Ratio	Lower	Upper	
98	100		
100	63.9	50.8	76.2





#51

4-Methyl-2-Pentanone

Concen: 268.92 ug/l

RT: 10.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VW003500.D

Acq: 24 Jun 2018 10:05

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050EC

Tot Ion: 43 Resp: 417190

Ion Ratio Lower Upper

43 100

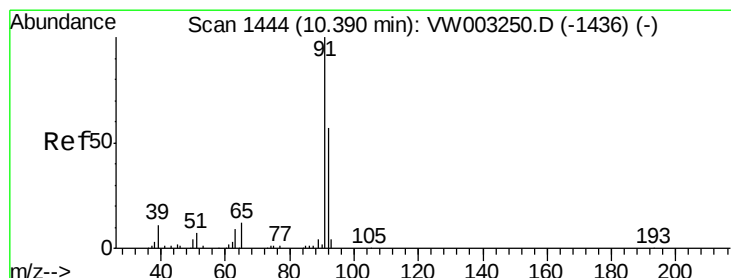
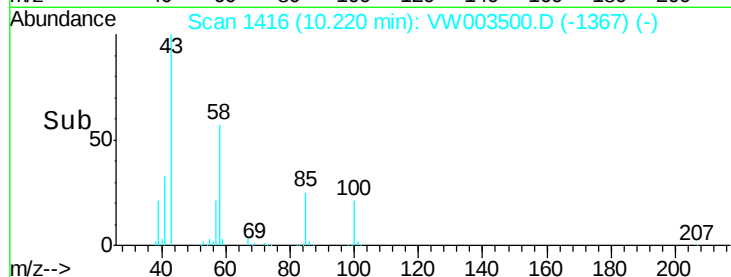
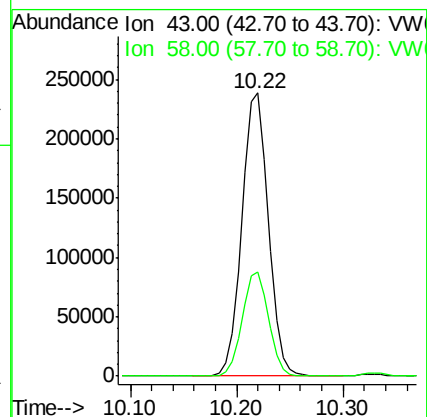
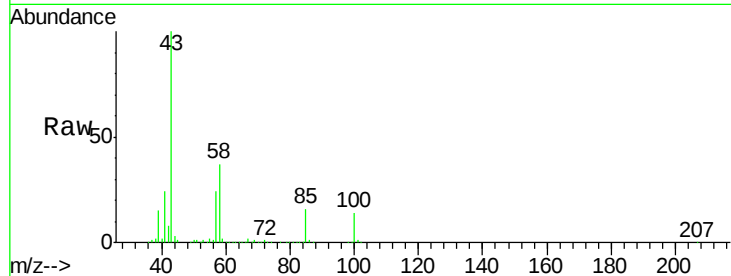
58 36.8 29.0 43.4

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#52

Toluene

Concen: 48.92 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW003500.D

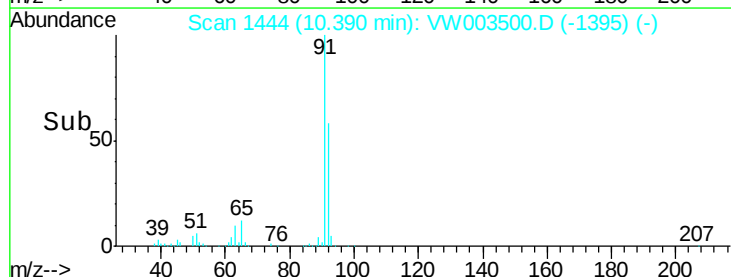
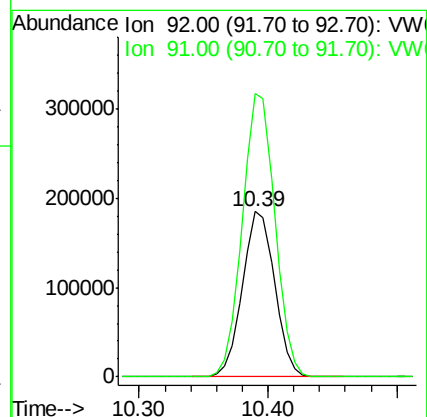
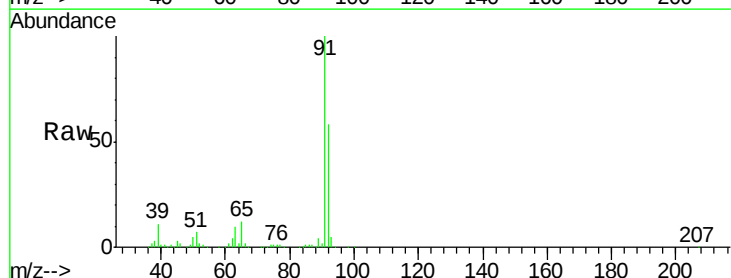
Acq: 24 Jun 2018 10:05

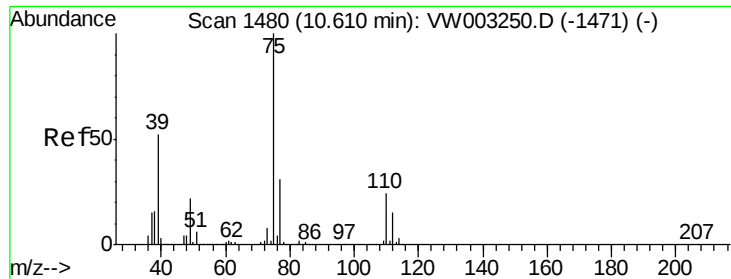
Tgt Ion: 92 Resp: 320034

Ion Ratio Lower Upper

92 100

91 173.0 141.1 211.7





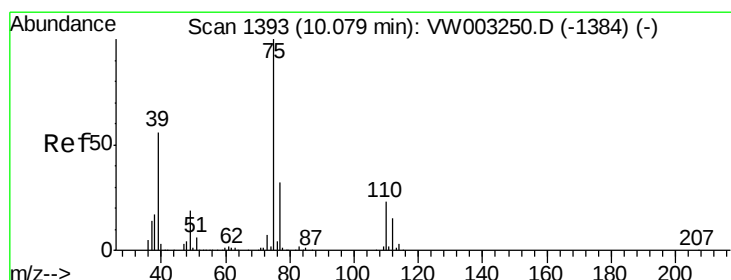
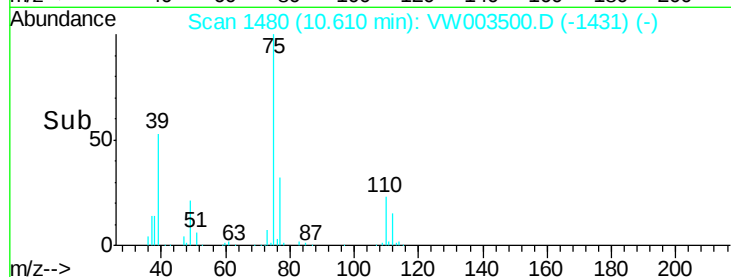
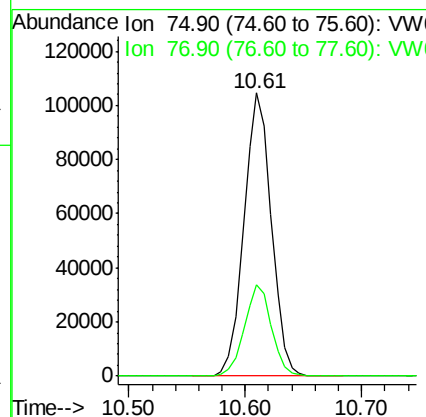
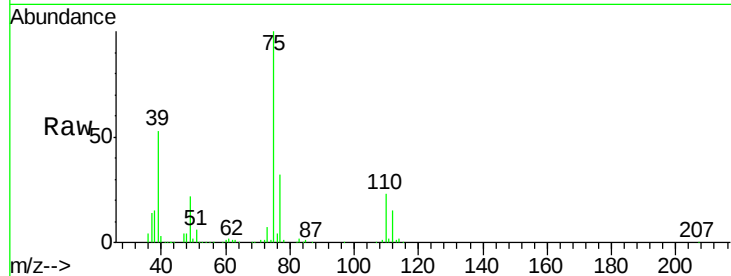
#53
t-1,3-Dichloropropene
Concen: 49.20 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VW003500.D
Acq: 24 Jun 2018 10:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 171338
Ion Ratio Lower Upper
75 100
77 32.1 24.9 37.3

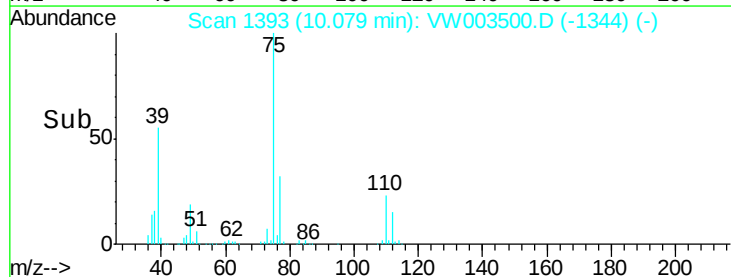
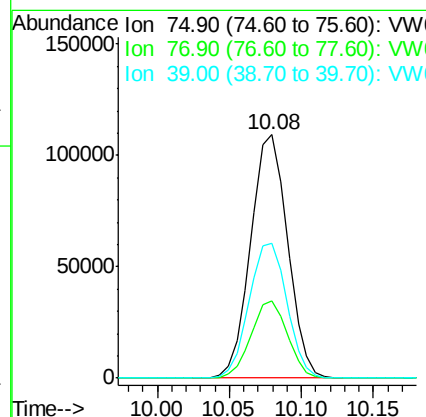
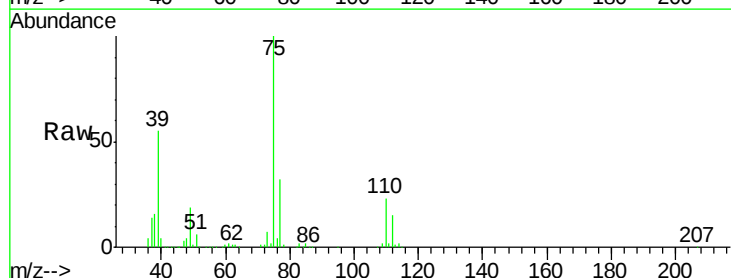
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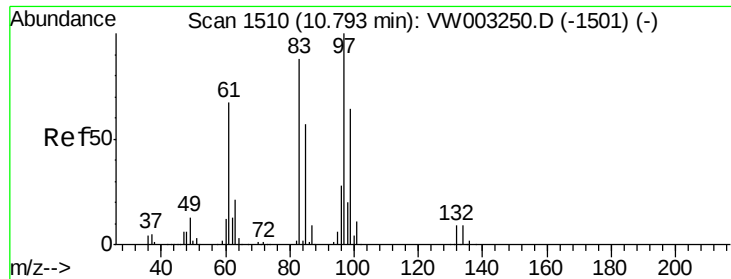
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#54
cis-1,3-Dichloropropene
Concen: 48.93 ug/l
RT: 10.08 min Scan# 1393
Delta R.T. 0.00 min
Lab File: VW003500.D
Acq: 24 Jun 2018 10:05

Tgt Ion: 75 Resp: 193934
Ion Ratio Lower Upper
75 100
77 31.9 25.8 38.6
39 55.4 45.2 67.8





#55

1,1,2-Trichloroethane

Concen: 51.13 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VW003500.D

Acq: 24 Jun 2018 10:05

Instrument :

MSVOA_W

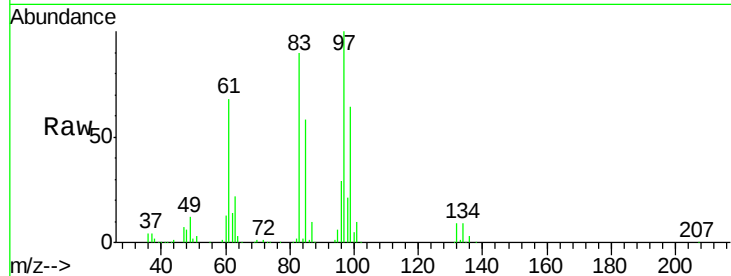
ClientSampleId :

VSTDCCC050EC

Tot Ion:	97	Resp:	95815
Ion	Ratio	Lower	Upper
97	100		
83	89.7	70.2	105.2
85	57.7	45.6	68.4
99	64.1	51.2	76.8

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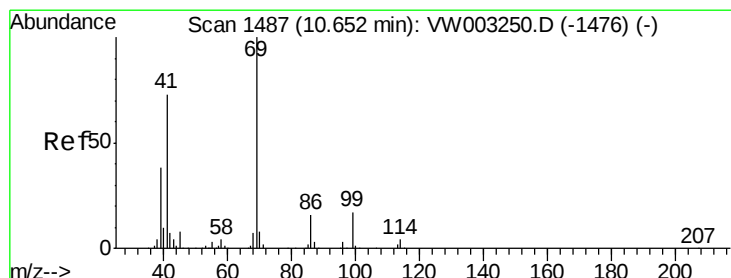
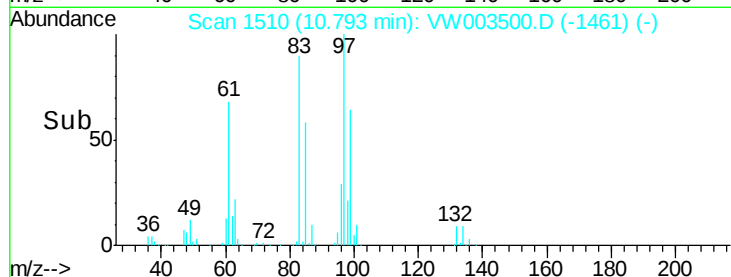
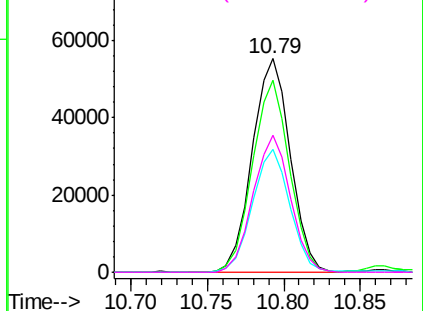


Abundance Ion 96.90 (96.60 to 97.60): VW

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: 54.21 ug/l

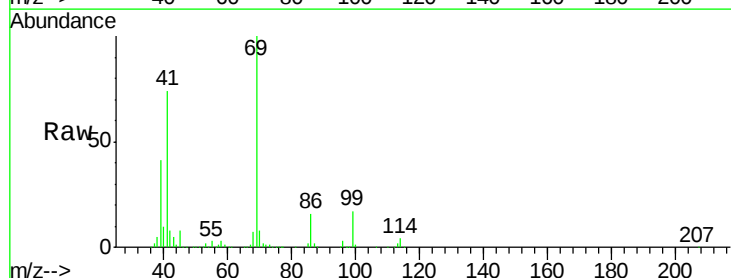
RT: 10.65 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW003500.D

Acq: 24 Jun 2018 10:05

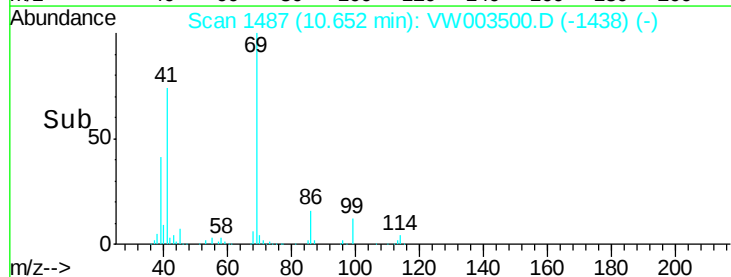
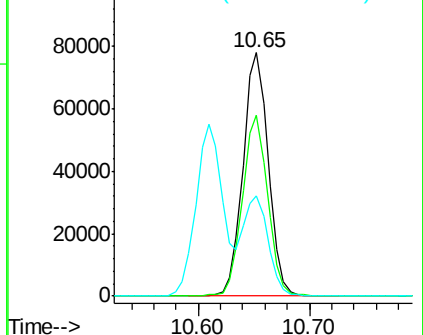
Tgt Ion:	69	Resp:	123357
Ion	Ratio	Lower	Upper
69	100		
41	75.1	57.8	86.6
39	39.4	32.7	49.1

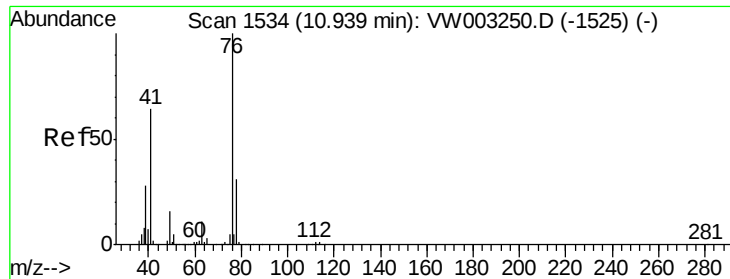


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





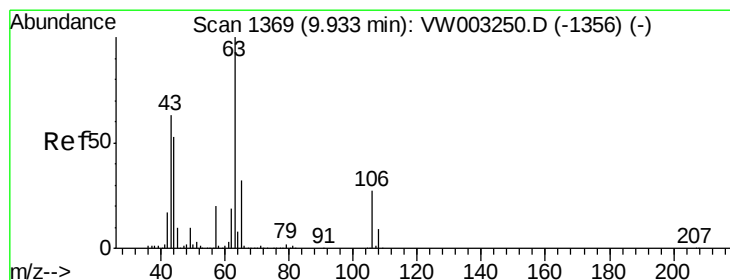
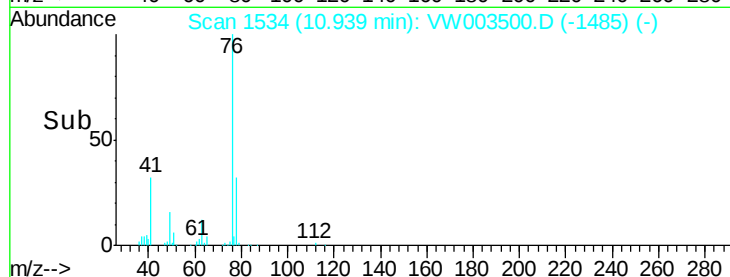
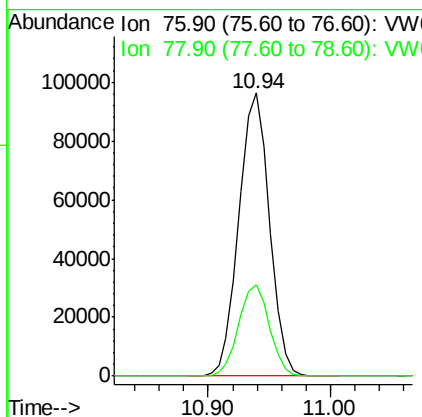
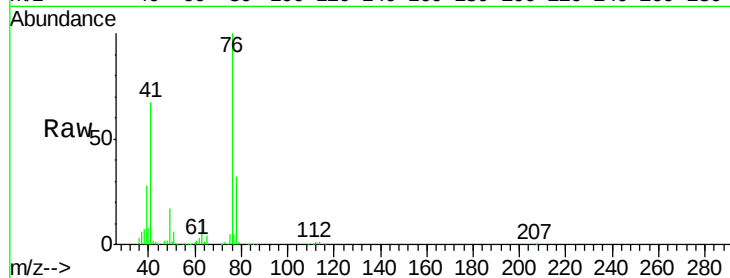
#57
 1,3-Dichloropropane
 Concen: 51.81 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VW003500.D
 Acq: 24 Jun 2018 10:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 167461
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.7 38.5

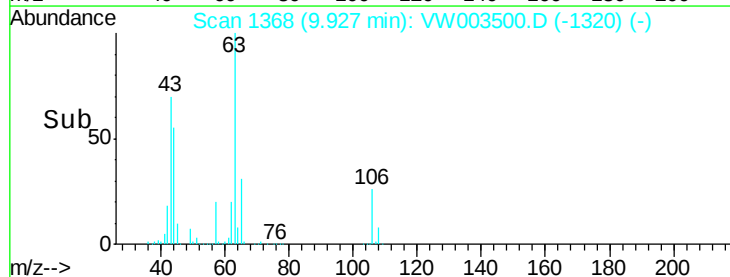
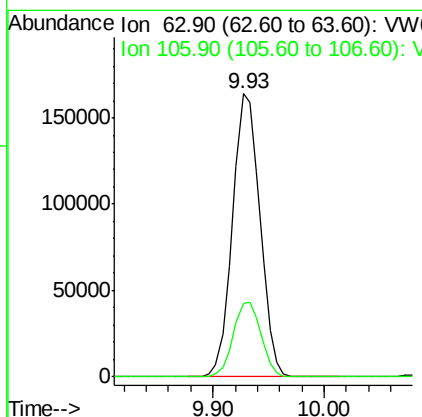
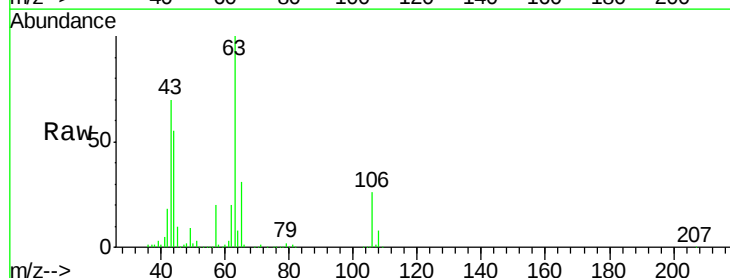
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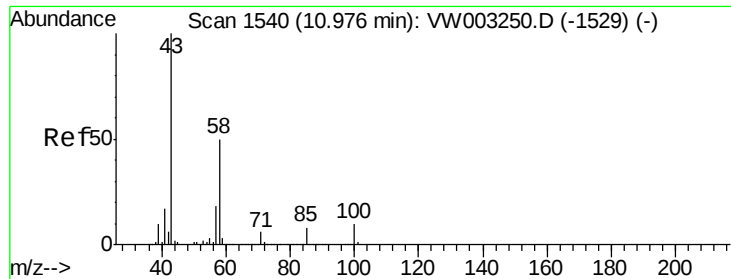
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#58
 2-Chloroethyl Vinyl ether
 Concen: 274.62 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: VW003500.D
 Acq: 24 Jun 2018 10:05

Tgt Ion: 63 Resp: 280144
 Ion Ratio Lower Upper
 63 100
 106 26.7 21.8 32.8





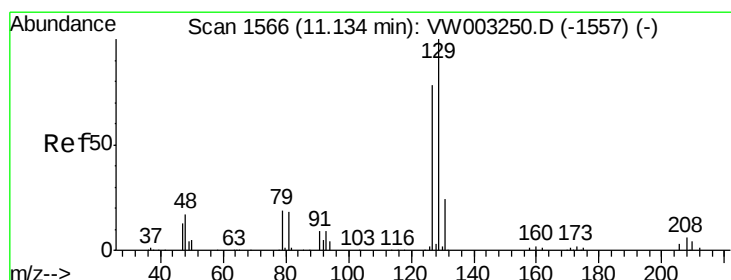
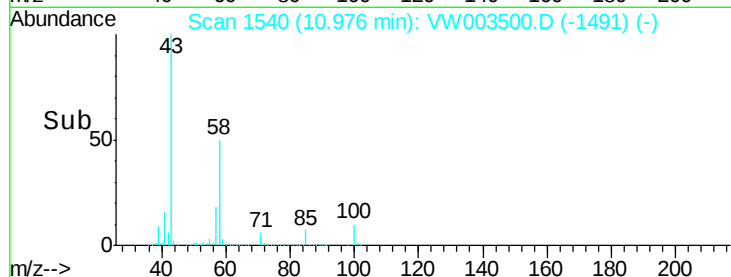
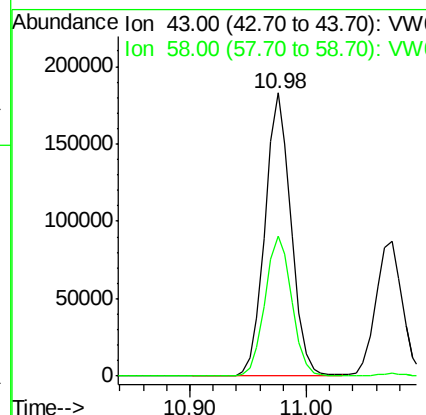
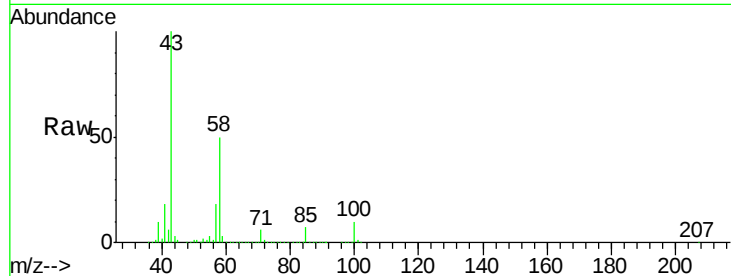
#59
2-Hexanone
Concen: 263.95 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003500.D
Acq: 24 Jun 2018 10:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 286062
Ion Ratio Lower Upper
43 100
58 50.6 25.0 75.0

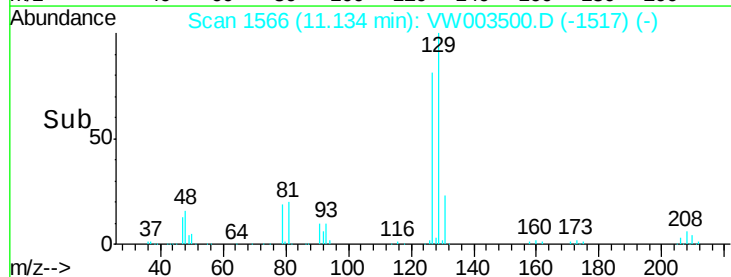
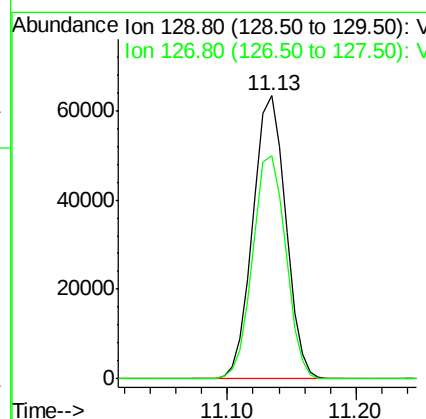
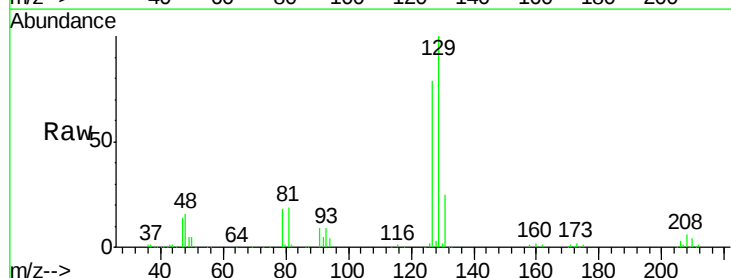
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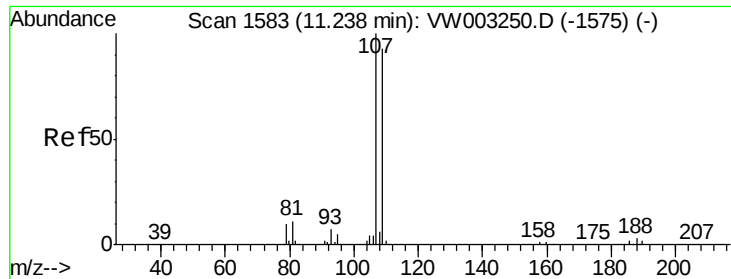
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#60
Dibromochloromethane
Concen: 50.14 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW003500.D
Acq: 24 Jun 2018 10:05

Tgt Ion: 129 Resp: 111748
Ion Ratio Lower Upper
129 100
127 79.3 39.1 117.5





#61

1,2-Dibromoethane

Concen: 51.45 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VW003500.D

Acq: 24 Jun 2018 10:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 91206

Ion Ratio Lower Upper

107 100

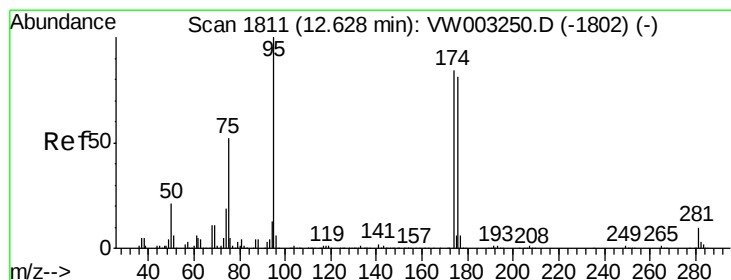
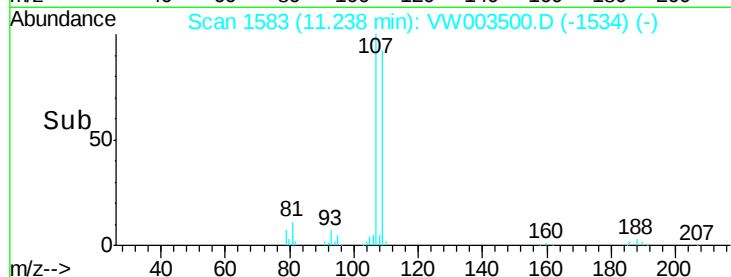
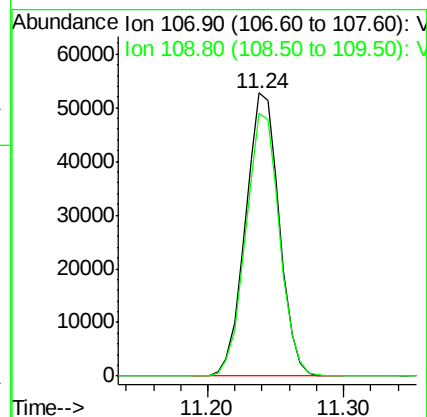
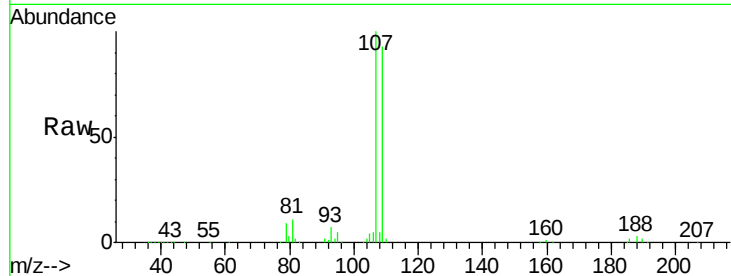
109 93.1 75.8 113.6

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#62

4-Bromofluorobenzene

Concen: 50.93 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW003500.D

Acq: 24 Jun 2018 10:05

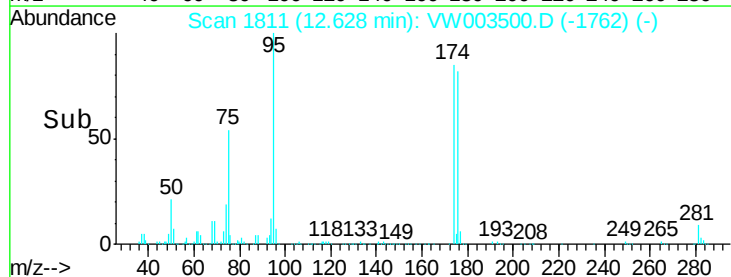
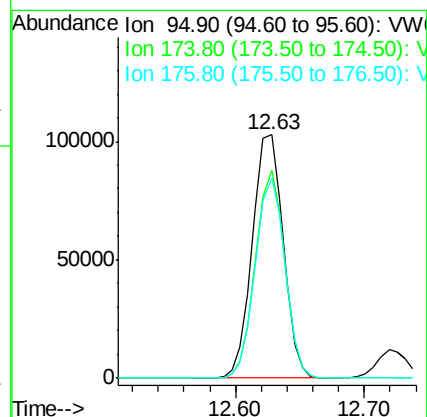
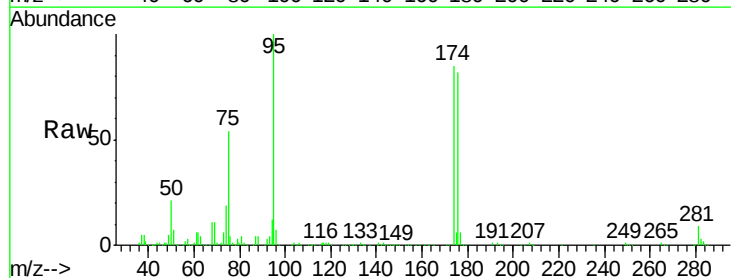
Tgt Ion: 95 Resp: 170174

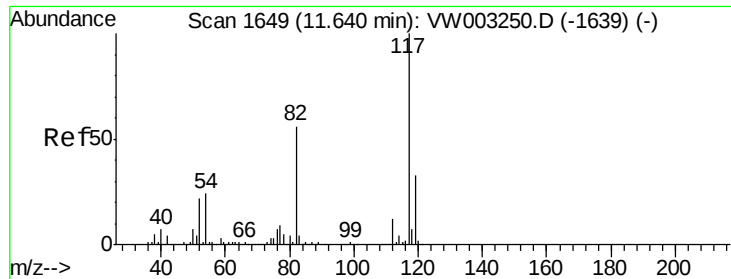
Ion Ratio Lower Upper

95 100

174 81.1 0.0 166.4

176 79.2 0.0 162.0





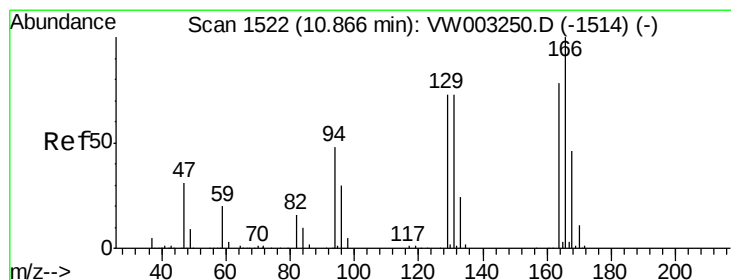
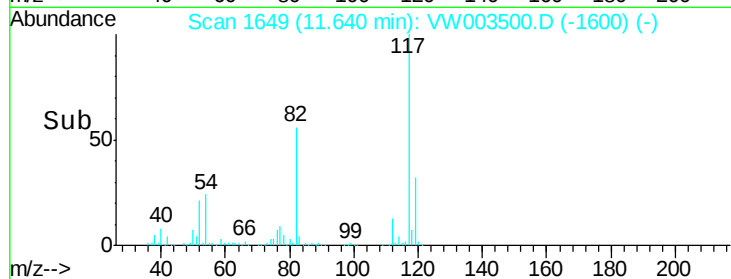
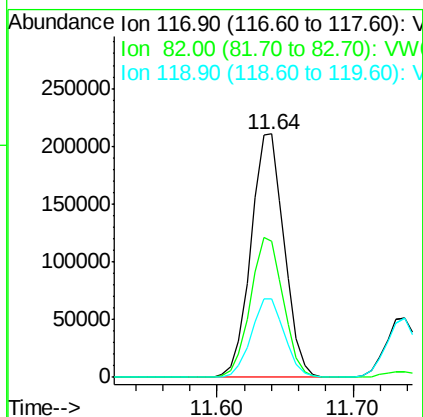
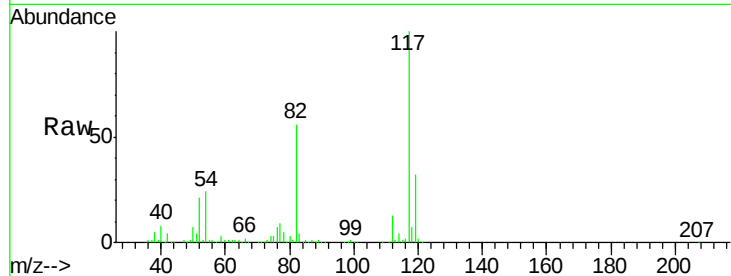
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW003500.D
Acq: 24 Jun 2018 10:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	360560		
82	56.0		44.6	67.0
119	32.1		26.7	40.1

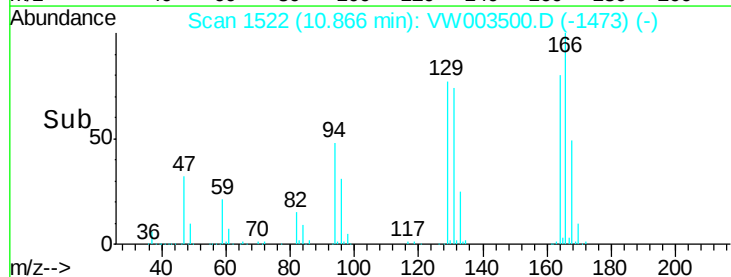
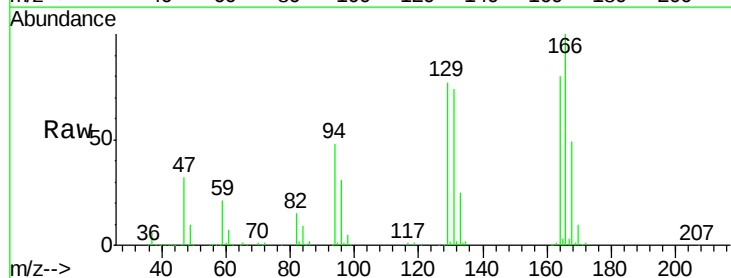
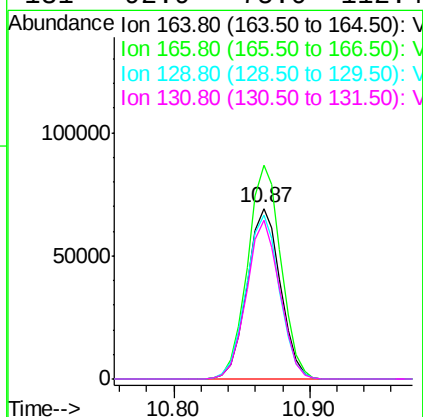
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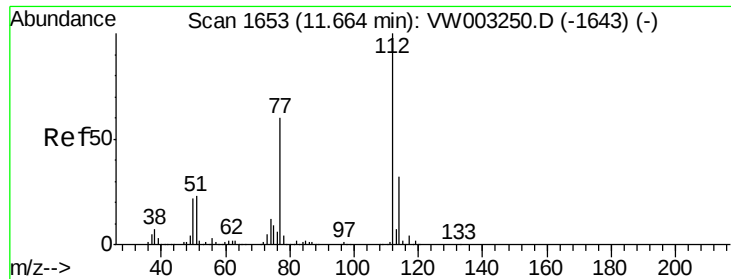
apatel
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#64
Tetrachloroethene
Concen: 49.31 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003500.D
Acq: 24 Jun 2018 10:05

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	118912		
166	125.1		102.6	154.0
129	96.0		75.2	112.8
131	92.9		75.0	112.4





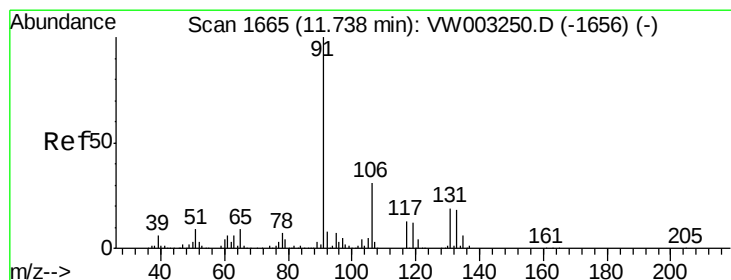
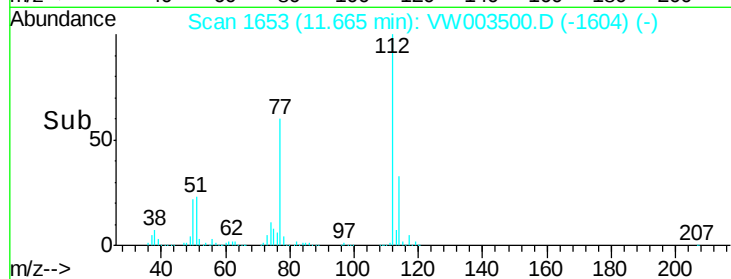
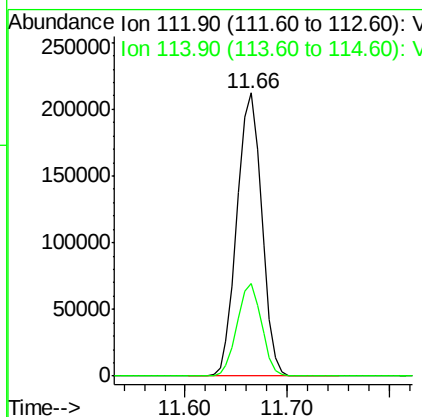
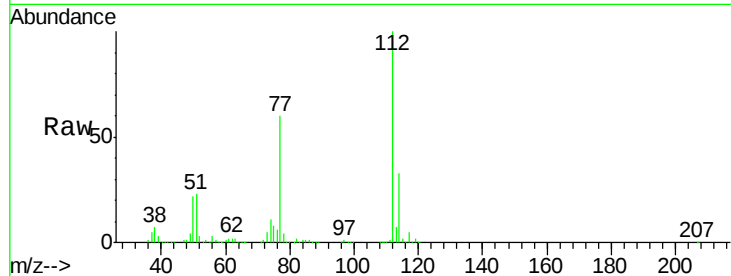
#65
Chlorobenzene
Concen: 47.51 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW003500.D
Acq: 24 Jun 2018 10:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.0	25.9	38.9

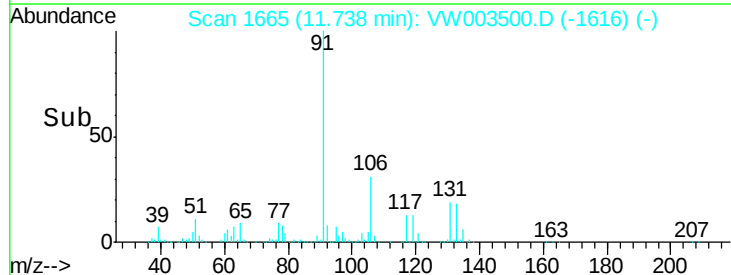
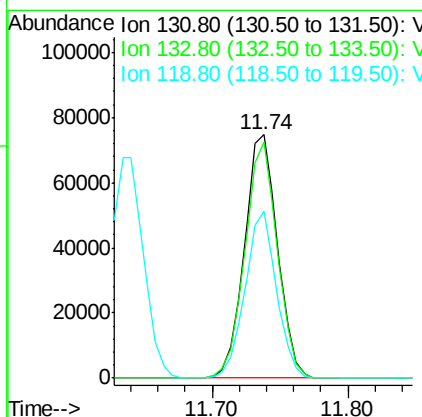
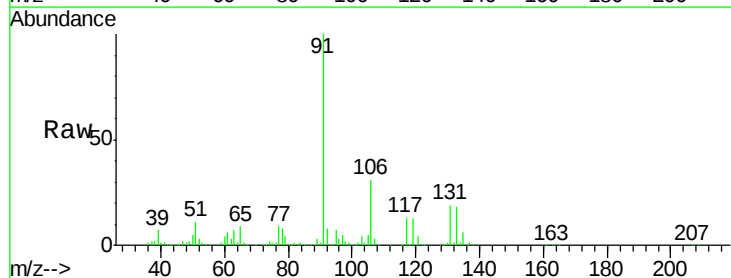
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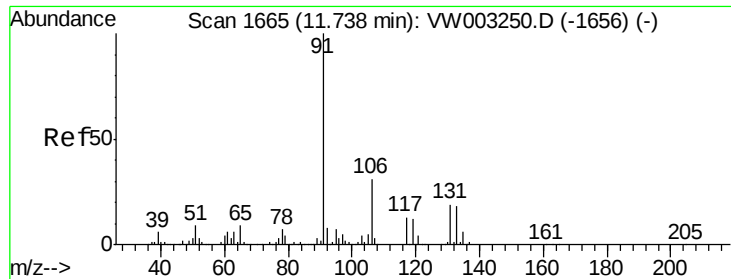
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#66
1,1,1,2-Tetrachloroethane
Concen: 48.03 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003500.D
Acq: 24 Jun 2018 10:05

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.3	47.3	142.0
119	65.3	32.5	97.4





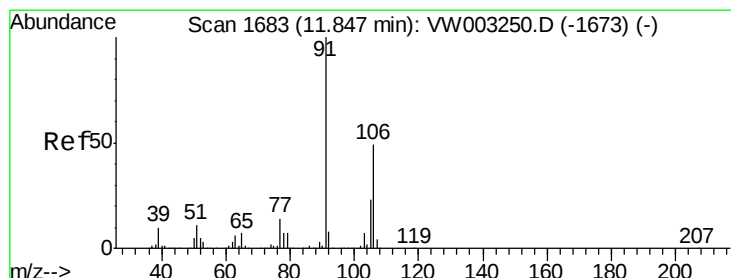
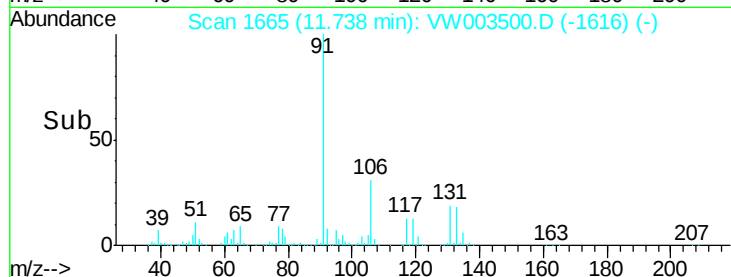
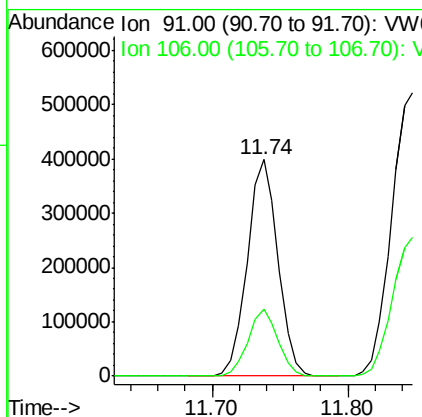
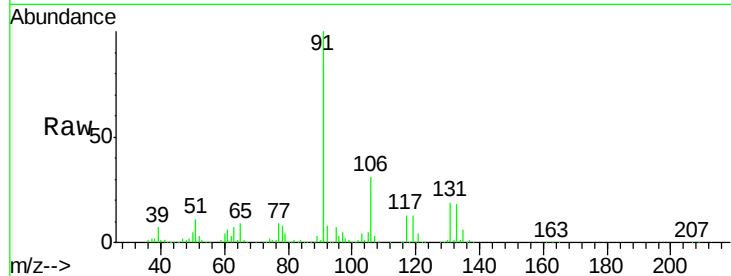
#67
Ethyl Benzene
Concen: 47.07 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003500.D
Acq: 24 Jun 2018 10:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 626480
Ion Ratio Lower Upper
91 100
106 30.8 24.7 37.1

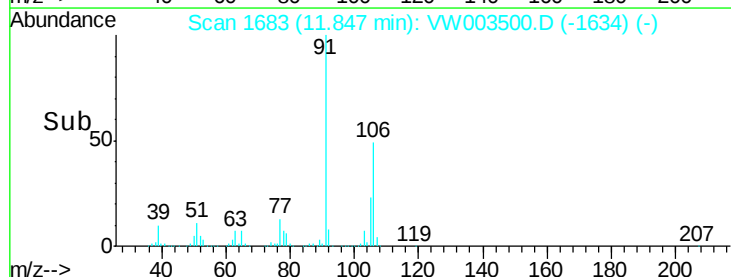
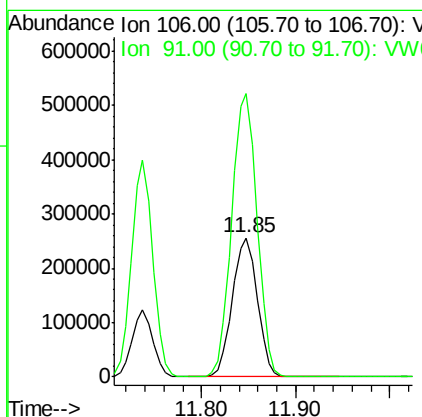
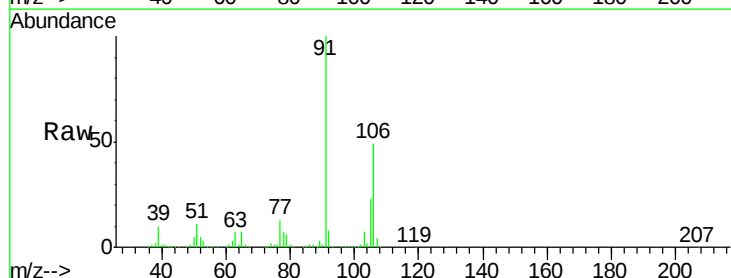
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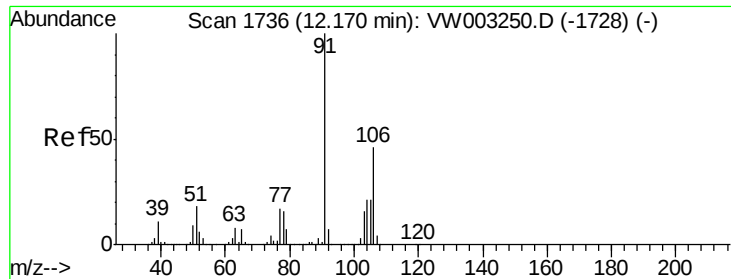
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#68
m/p-Xylenes
Concen: 93.67 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW003500.D
Acq: 24 Jun 2018 10:05

Tgt Ion: 106 Resp: 473935
Ion Ratio Lower Upper
106 100
91 205.7 165.4 248.0





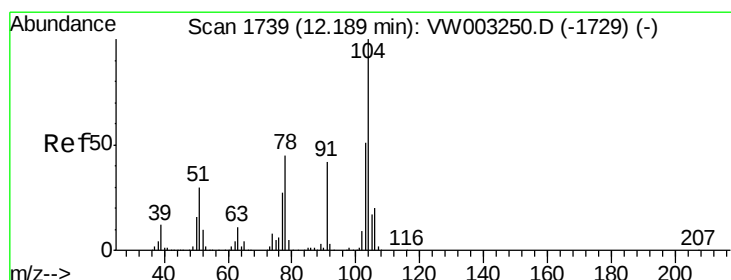
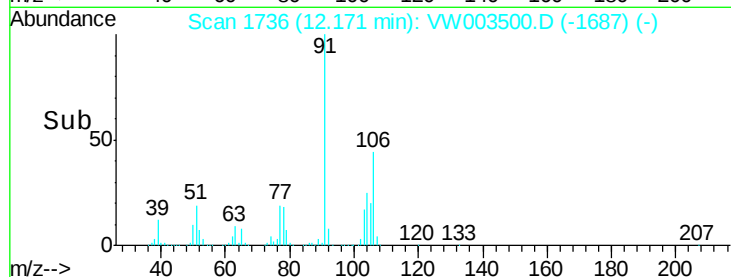
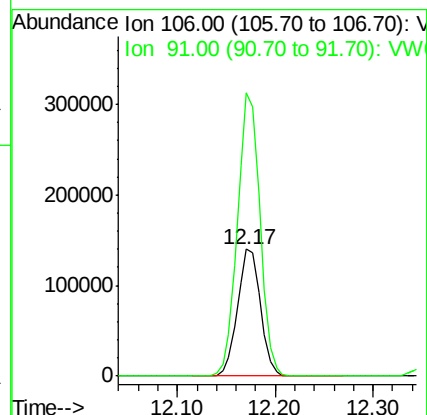
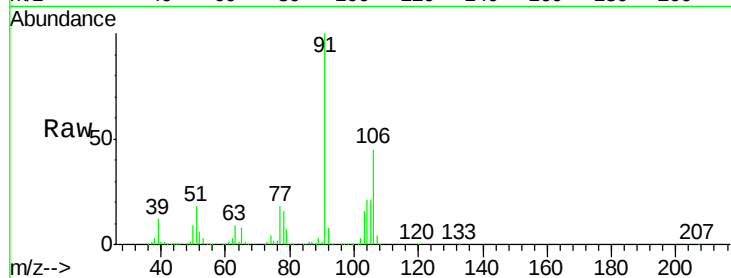
#69
o-Xylene
Concen: 48.51 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003500.D
Acq: 24 Jun 2018 10:05

Instrument :
MSVOA_W
ClientSampleID :
VSTDCCC050EC

Tot Ion:106 Resp: 227484
Ion Ratio Lower Upper
106 100
91 219.6 108.6 325.6

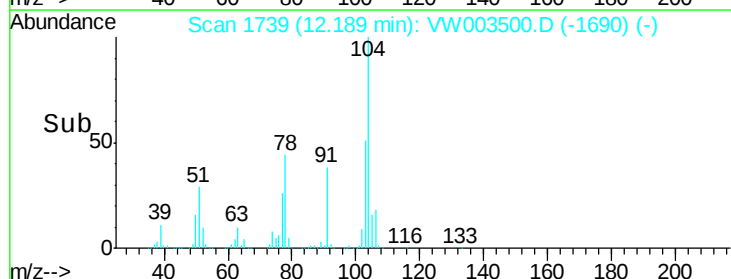
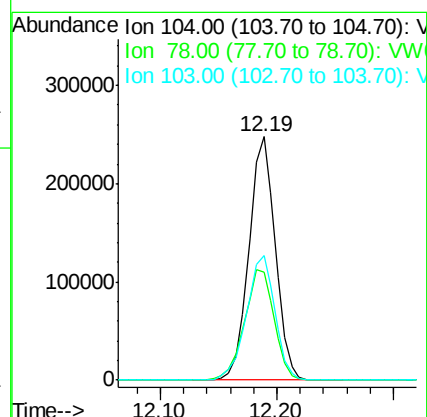
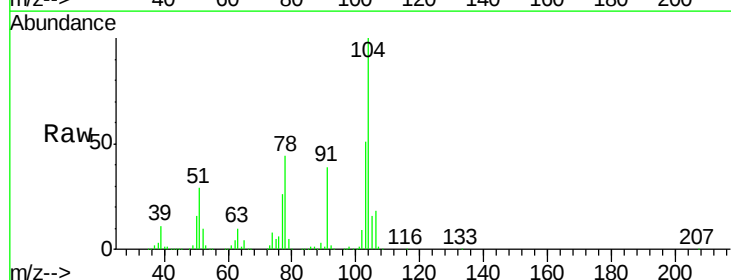
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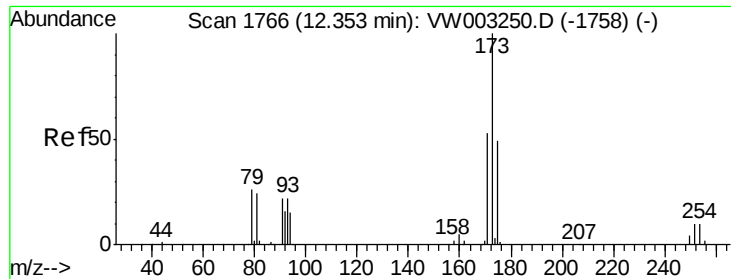
apatel
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#70
Styrene
Concen: 50.11 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW003500.D
Acq: 24 Jun 2018 10:05

Tgt Ion:104 Resp: 391090
Ion Ratio Lower Upper
104 100
78 51.2 41.3 61.9
103 55.5 45.0 67.4





#71

Bromoform

Concen: 49.26 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW003500.D

Acq: 24 Jun 2018 10:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 67360

Ion Ratio Lower Upper

173 100

175 49.0 24.4 73.4

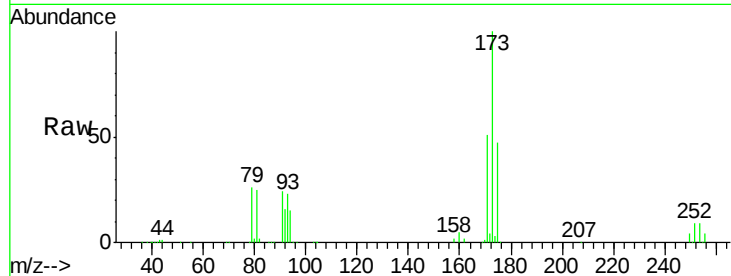
254 0.1 0.1 0.1#

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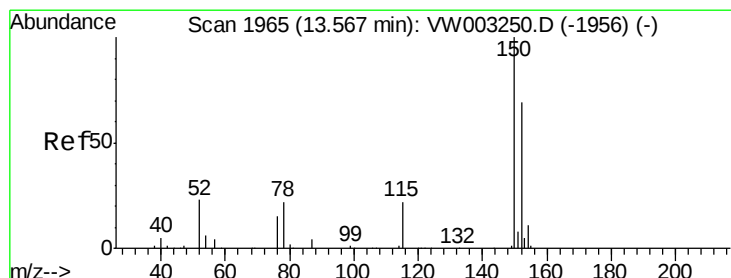
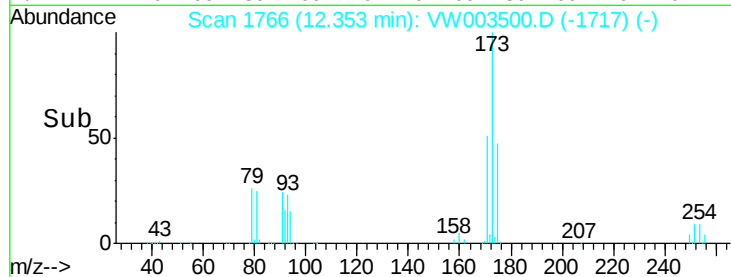
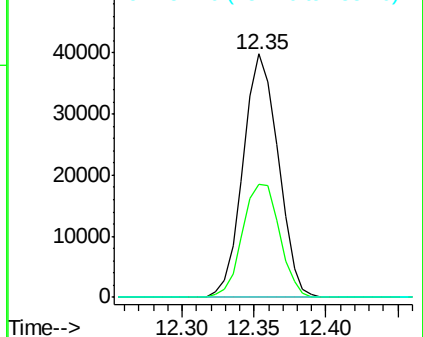
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VW003500.D

Acq: 24 Jun 2018 10:05

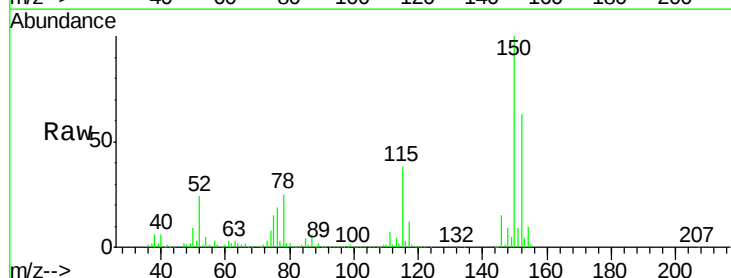
Tgt Ion:152 Resp: 190539

Ion Ratio Lower Upper

152 100

115 58.9 29.3 88.0

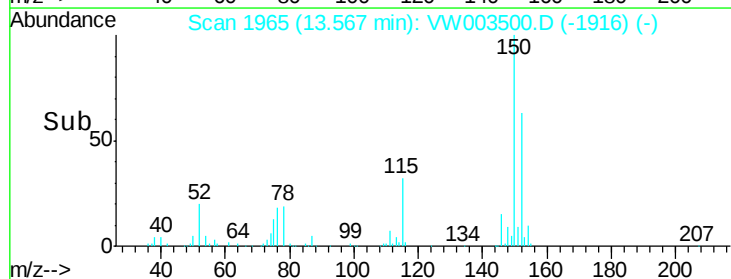
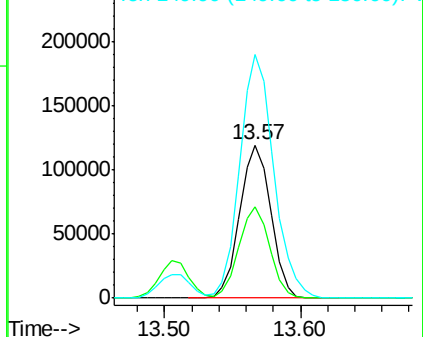
150 173.5 0.0 349.6

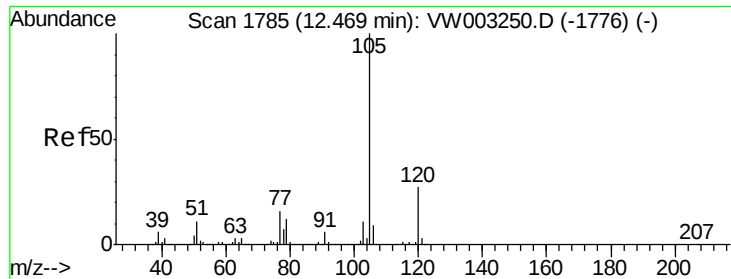


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





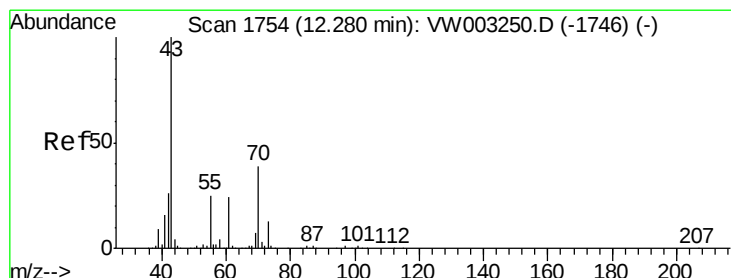
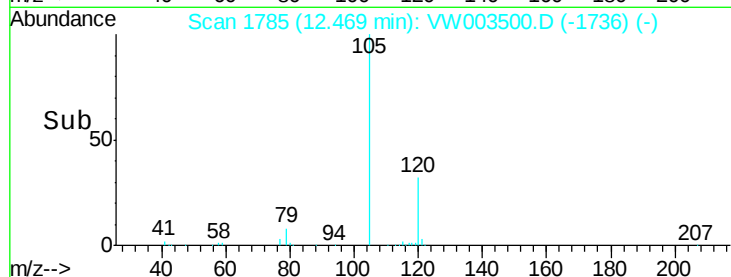
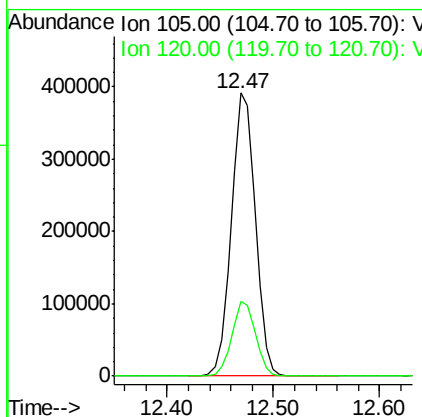
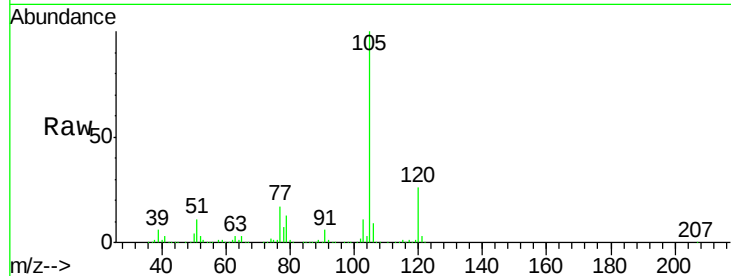
#73
Isopropylbenzene
Concen: 46.72 ug/l
RT: 12.47 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VW003500.D
Acq: 24 Jun 2018 10:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.1	13.2	39.6

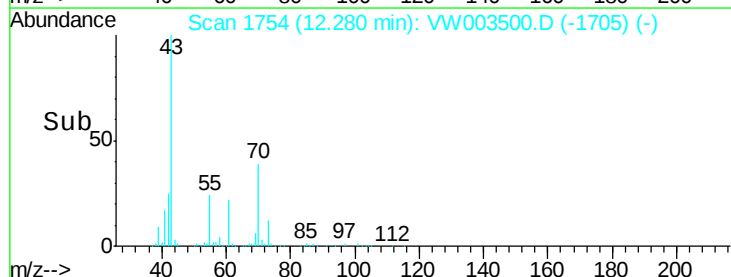
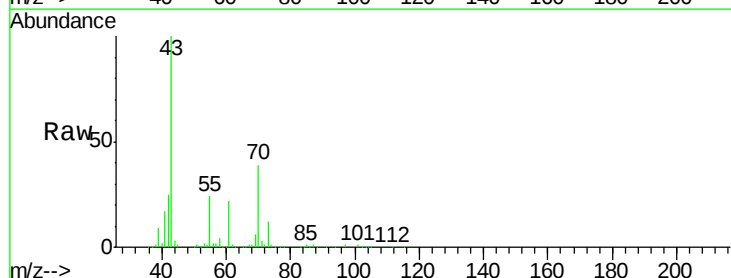
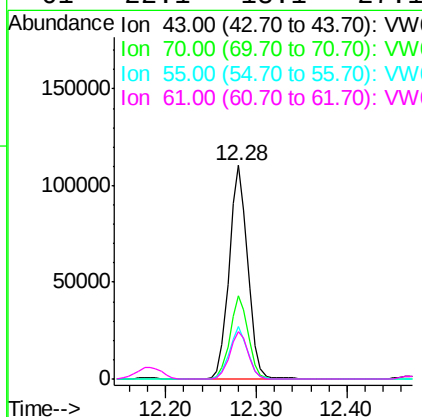
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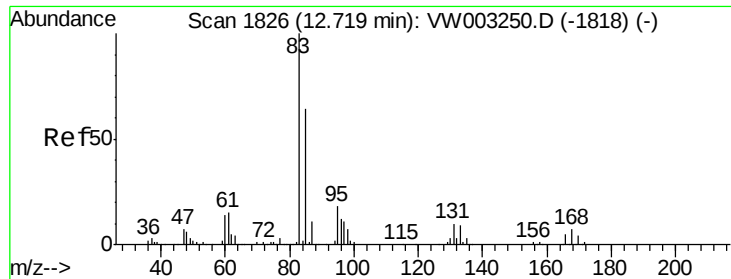
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#74
N-ethyl acetate
Concen: 52.94 ug/l
RT: 12.28 min Scan# 1754
Delta R.T. 0.00 min
Lab File: VW003500.D
Acq: 24 Jun 2018 10:05

Tgt Ion	Ratio	Lower	Upper
43	100		
70	38.0	31.0	46.6
55	23.9	19.7	29.5
61	22.1	18.1	27.1





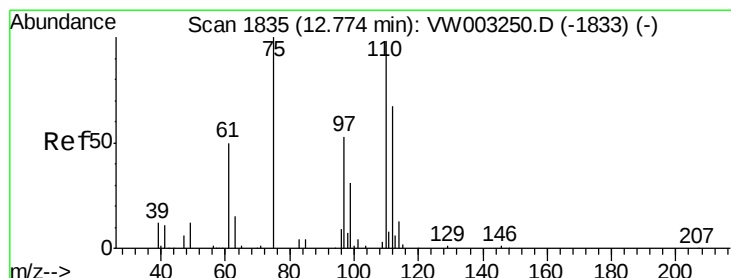
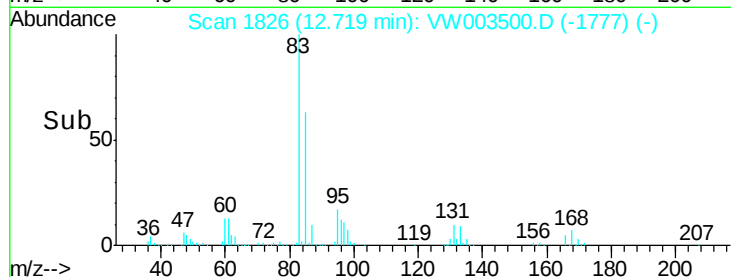
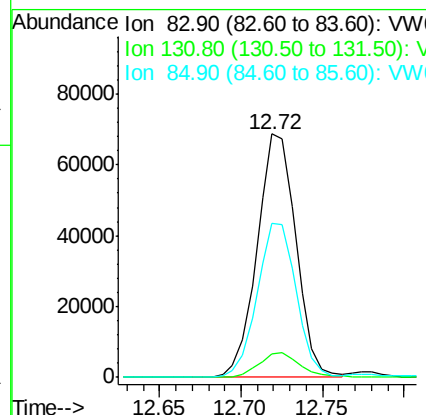
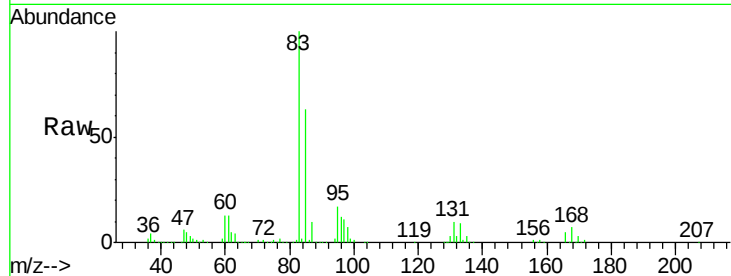
#75
 1,1,2,2-Tetrachloroethane
 Concen: 50.79 ug/l
 RT: 12.72 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VW003500.D
 Acq: 24 Jun 2018 10:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	113867		
131	10.8	5.4	16.2	
85	63.8	31.9	95.7	

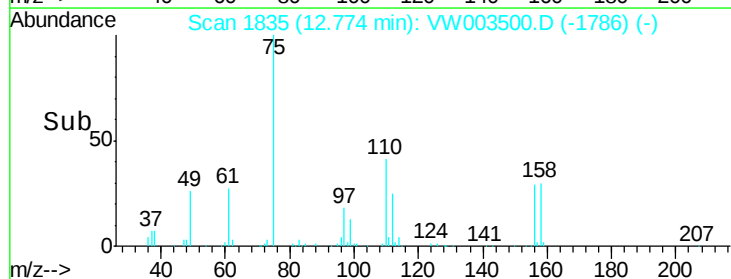
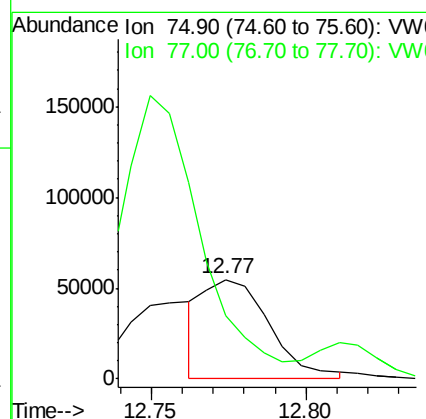
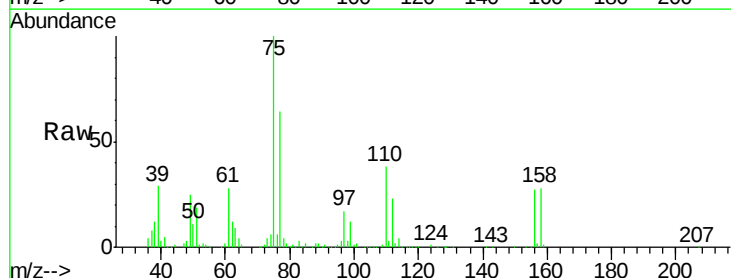
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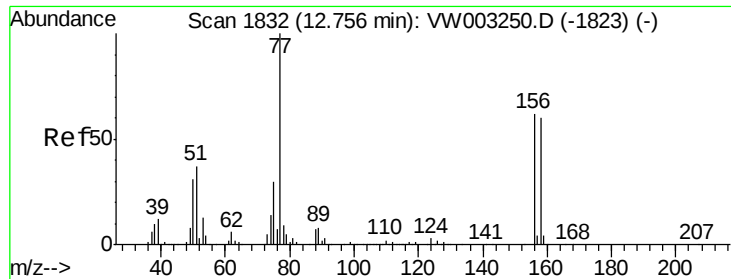
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#76
 1,2,3-Trichloropropane
 Concen: 50.18 ug/l m
 RT: 12.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VW003500.D
 Acq: 24 Jun 2018 10:05

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	81732		
77	0.0	0.0	0.0	





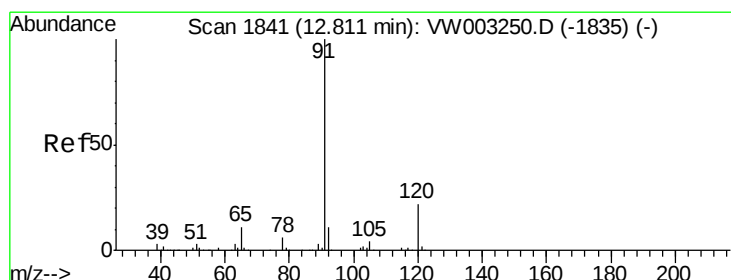
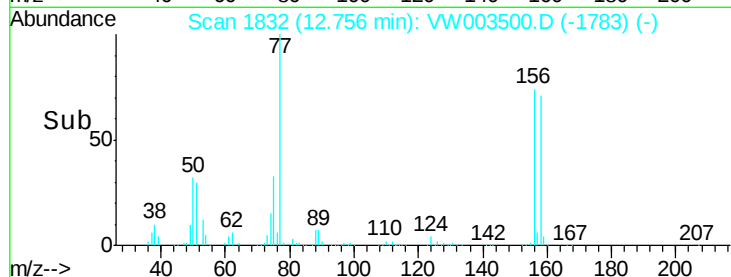
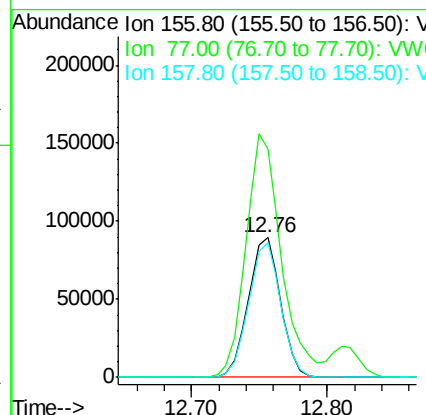
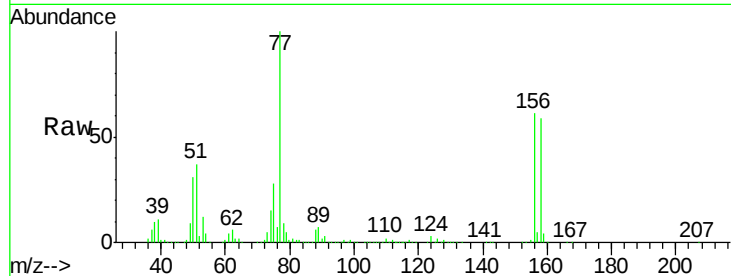
#77
Bromobenzene
Concen: 47.87 ug/l
RT: 12.76 min Scan# 1832
Delta R.T. 0.00 min
Lab File: VW003500.D
Acq: 24 Jun 2018 10:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	191.5	92.3	276.9
158	96.2	47.5	142.6

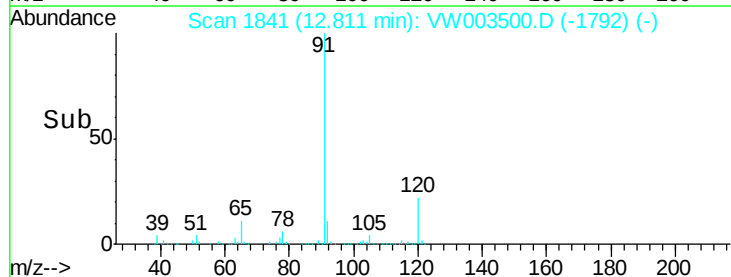
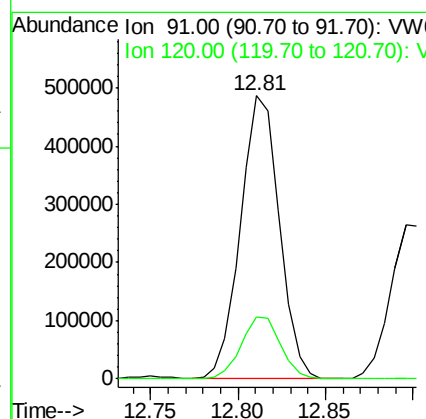
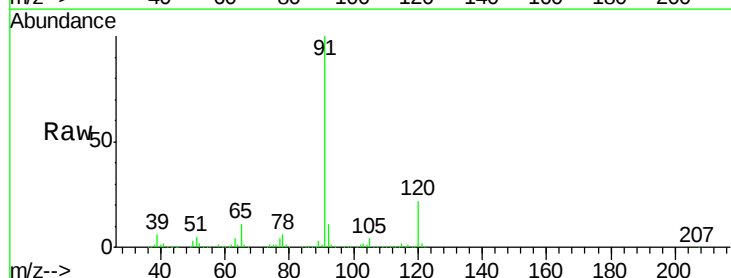
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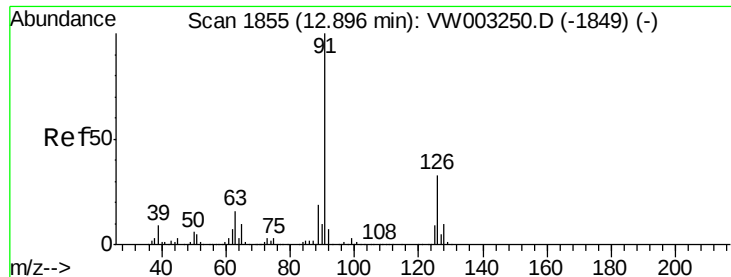
apatel
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#78
n-propylbenzene
Concen: 46.29 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VW003500.D
Acq: 24 Jun 2018 10:05

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.2	11.3	33.8





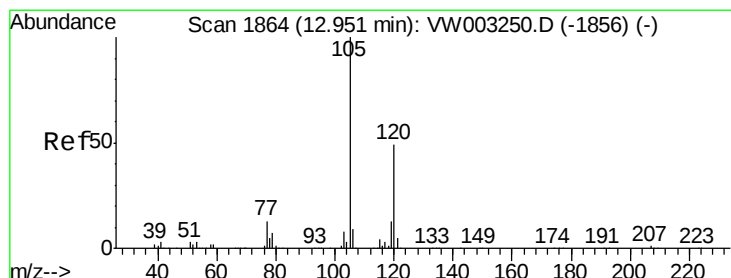
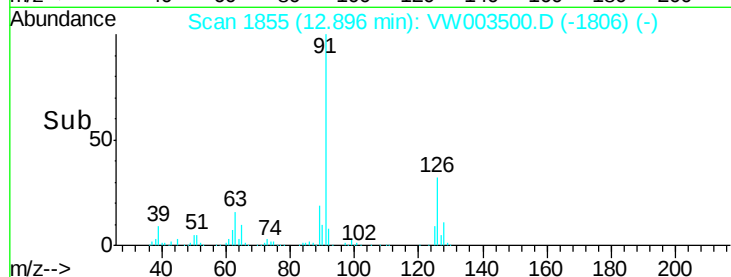
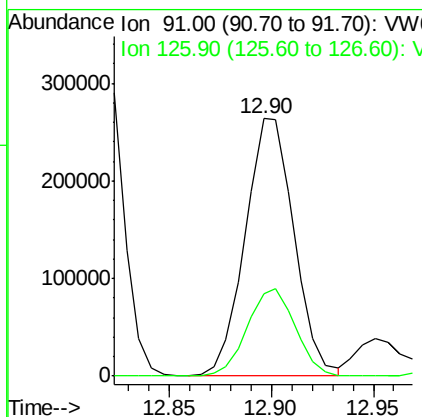
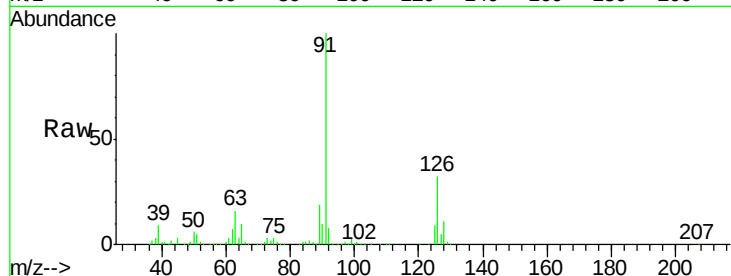
#79
 2-Chlorotoluene
 Concen: 48.01 ug/l
 RT: 12.90 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW003500.D
 Acq: 24 Jun 2018 10:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 440252
 Ion Ratio Lower Upper
 91 100
 126 33.3 16.8 50.4

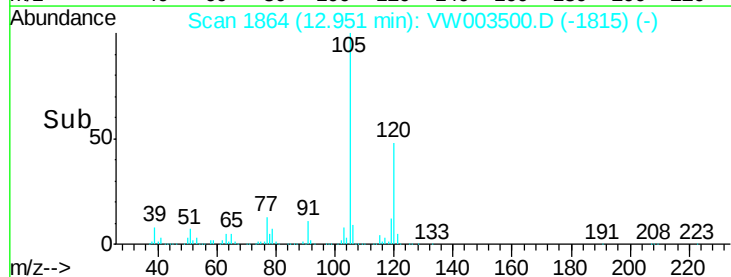
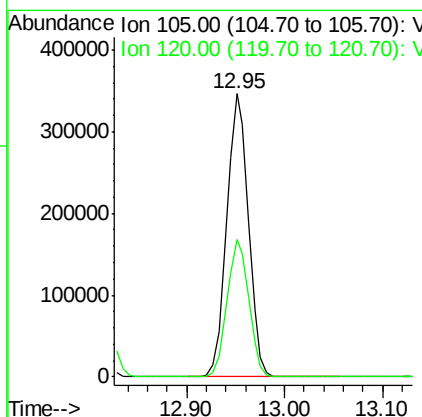
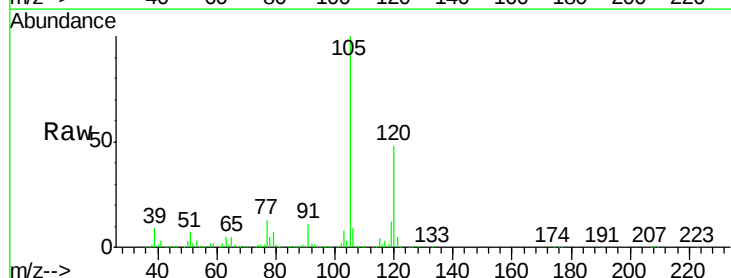
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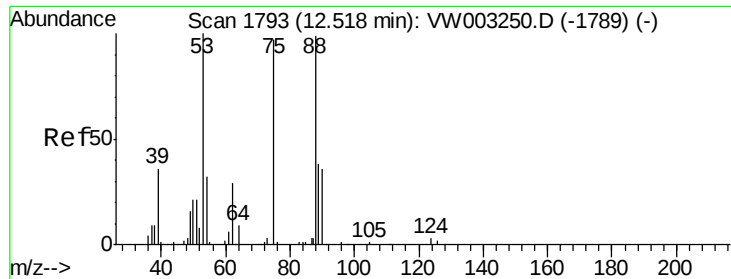
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#80
 1,3,5-Trimethylbenzene
 Concen: 47.63 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VW003500.D
 Acq: 24 Jun 2018 10:05

Tgt Ion: 105 Resp: 529835
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.3 72.9





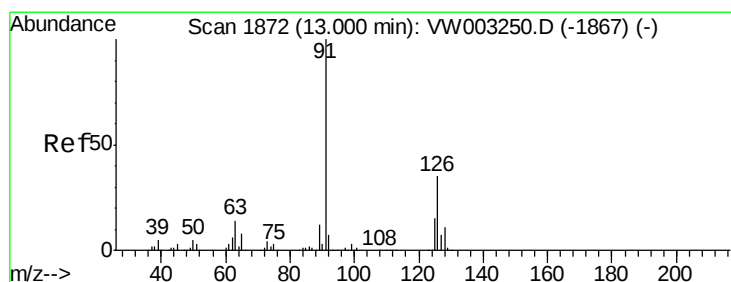
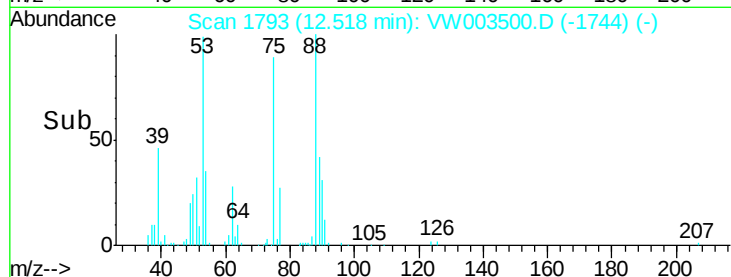
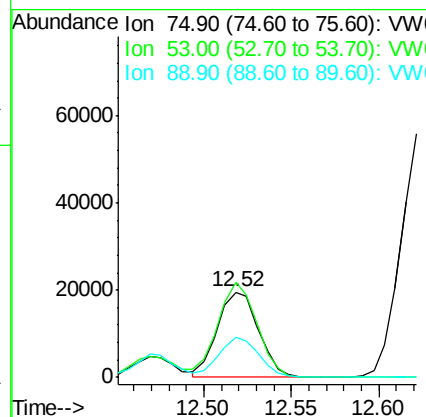
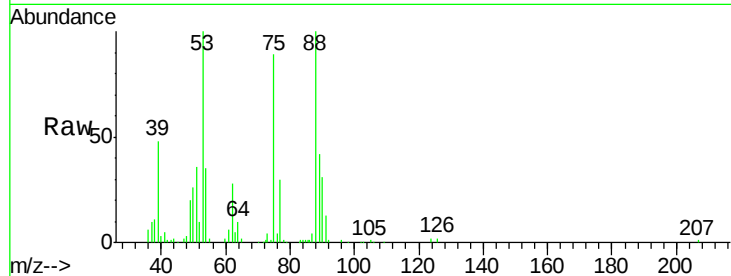
#81
trans-1,4-Dichloro-2-butene
Concen: 44.60 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VW003500.D
Acq: 24 Jun 2018 10:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	110.3	82.9	124.3
89	46.1	36.7	55.1

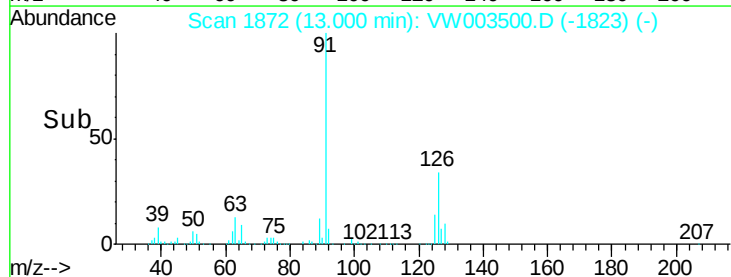
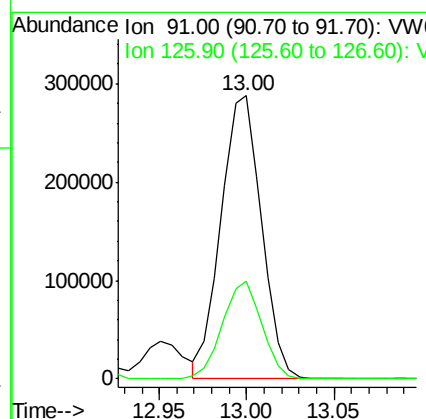
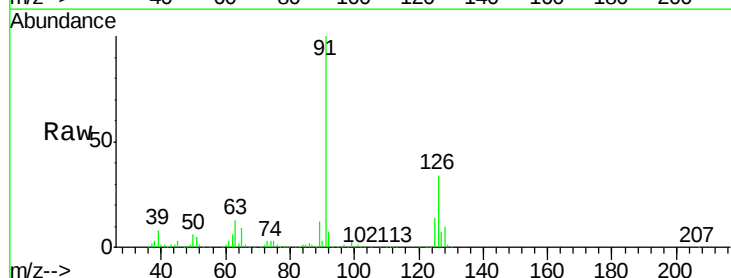
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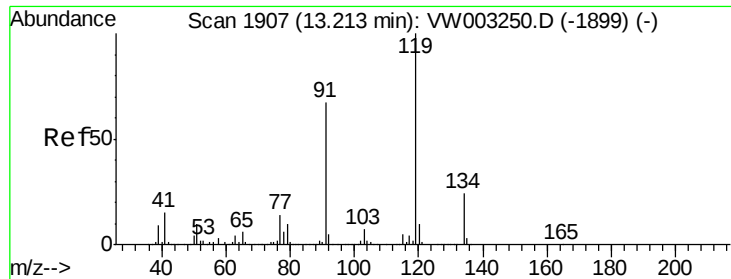
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#82
4-Chlorotoluene
Concen: 47.58 ug/l
RT: 13.00 min Scan# 1872
Delta R.T. 0.00 min
Lab File: VW003500.D
Acq: 24 Jun 2018 10:05

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.9	16.8	50.3





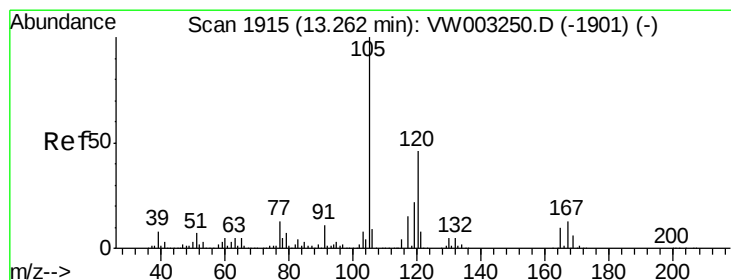
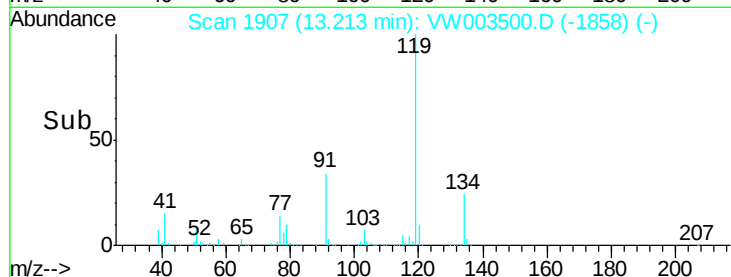
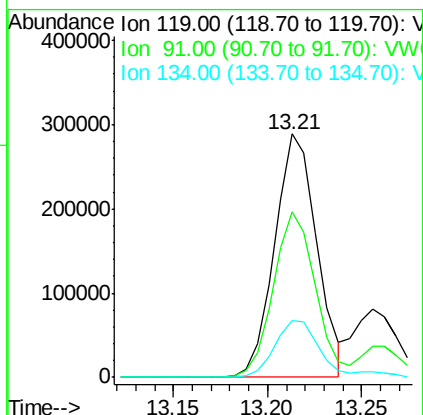
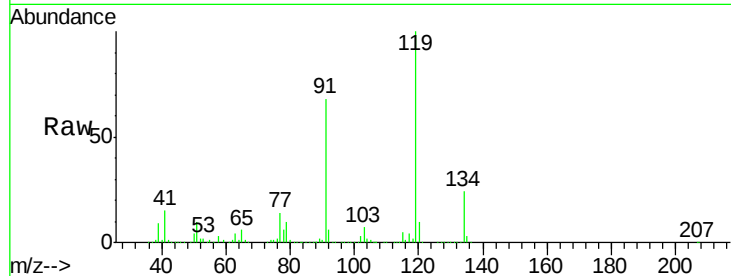
#83
tert-Butylbenzene
Concen: 47.31 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VW003500.D
Acq: 24 Jun 2018 10:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	448545		
91	67.9		33.9	101.7
134	26.3		13.4	40.1

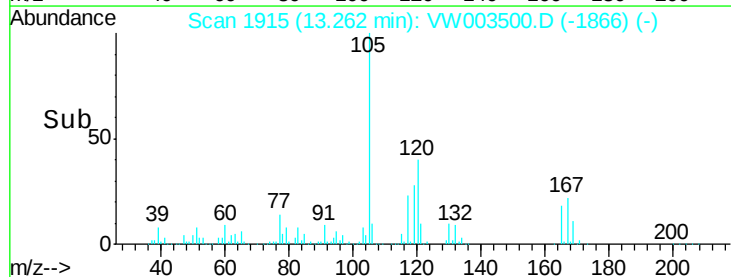
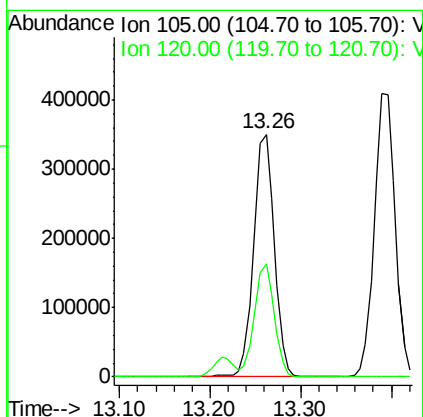
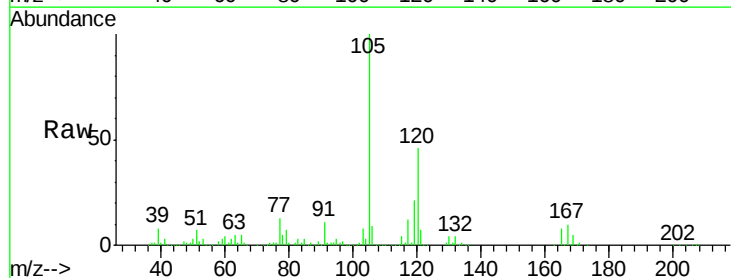
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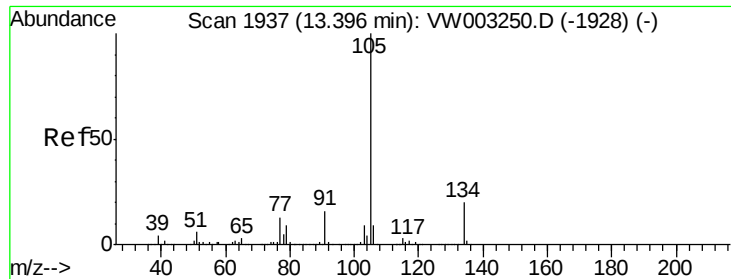
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#84
1,2,4-Trimethylbenzene
Concen: 48.45 ug/l
RT: 13.26 min Scan# 1915
Delta R.T. 0.00 min
Lab File: VW003500.D
Acq: 24 Jun 2018 10:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	554355		
120	44.9		22.5	67.5





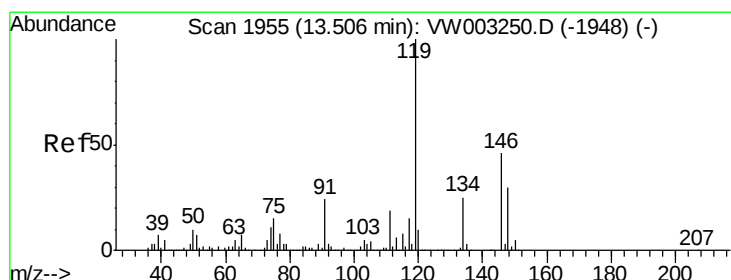
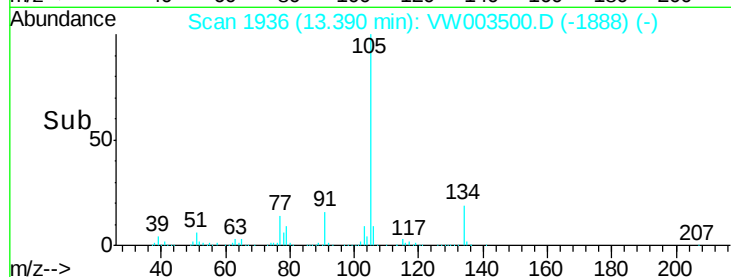
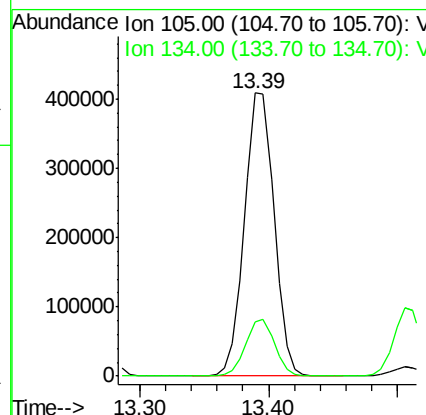
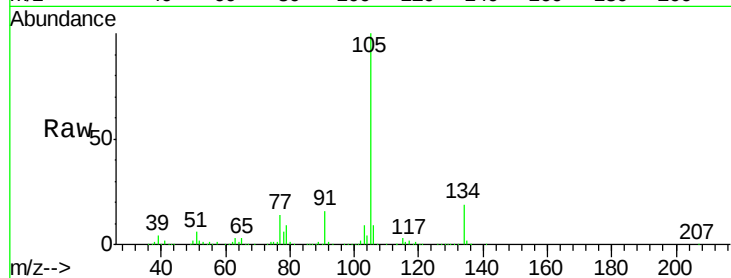
#85
 sec-Butylbenzene
 Concen: 46.01 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: VW003500.D
 Acq: 24 Jun 2018 10:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
105	100	648405		
134	19.6	9.8	29.5	

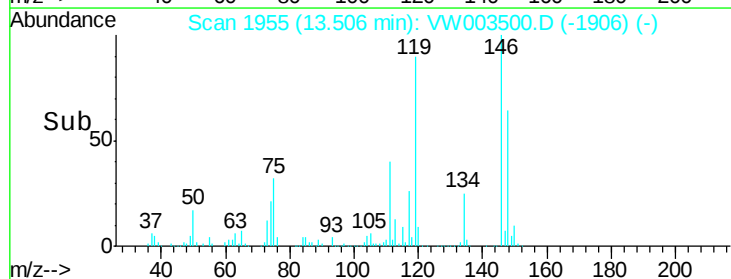
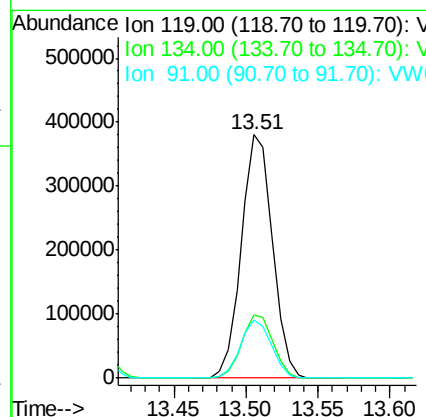
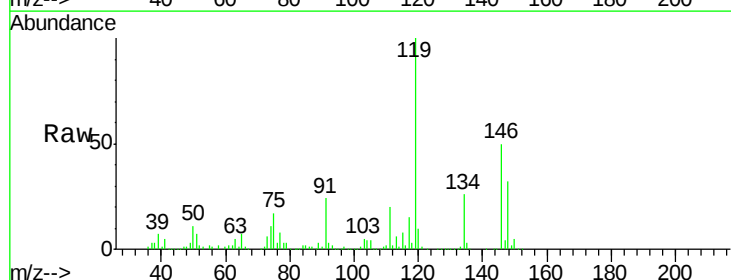
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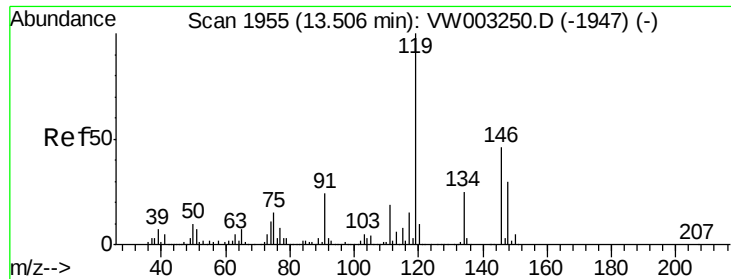
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#86
 p-Isopropyltoluene
 Concen: 45.97 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003500.D
 Acq: 24 Jun 2018 10:05

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	571379		
134	26.1	12.9	38.7	
91	23.9	11.8	35.3	





#87

1,3-Dichlorobenzene

Concen: 47.22 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW003500.D

Acq: 24 Jun 2018 10:05

Instrument :

MSVOA_W

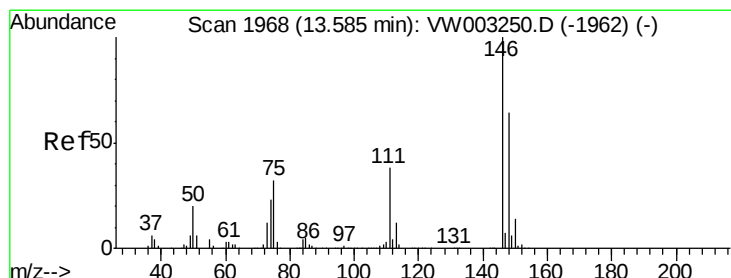
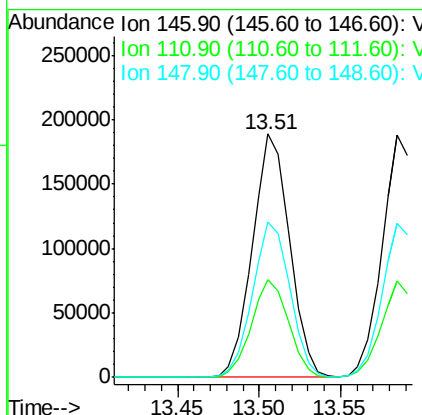
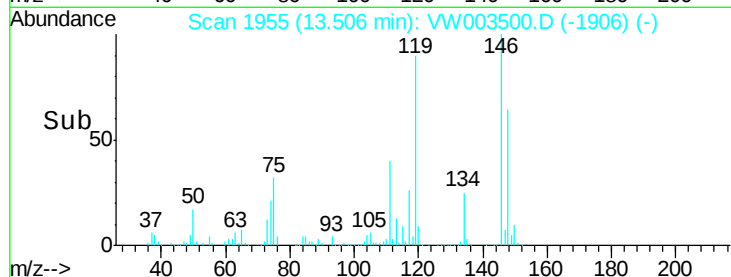
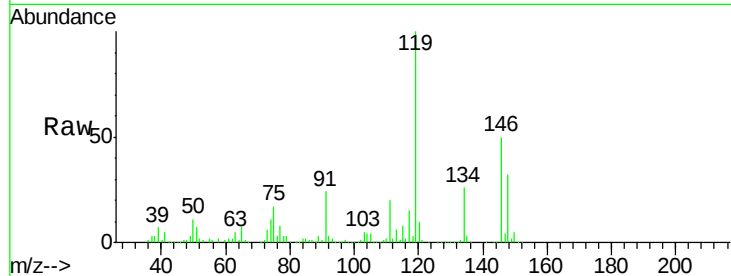
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	299404
Ion Ratio	Lower	Upper	
146	100		
111	40.0	19.8	59.4
148	64.2	32.1	96.5

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#88

1,4-Dichlorobenzene

Concen: 47.14 ug/l

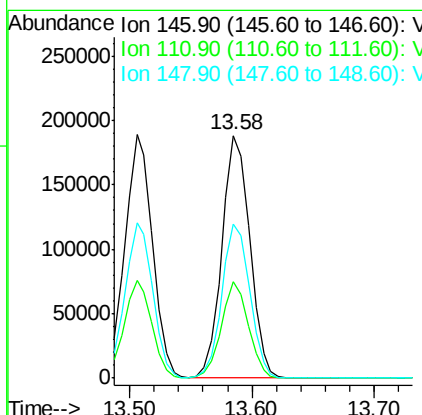
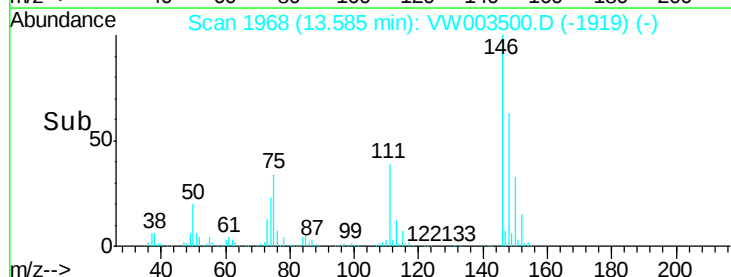
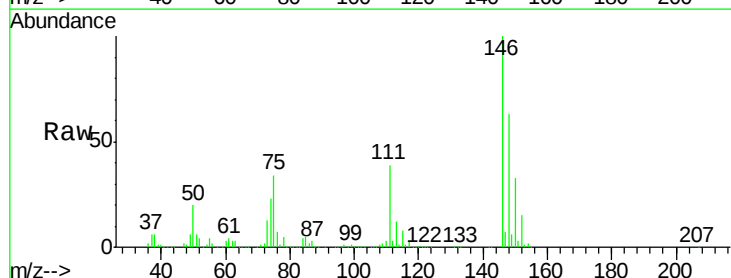
RT: 13.58 min Scan# 1968

Delta R.T. 0.00 min

Lab File: VW003500.D

Acq: 24 Jun 2018 10:05

Tgt Ion:	146	Resp:	297124
Ion Ratio	Lower	Upper	
146	100		
111	38.9	19.2	57.6
148	63.7	31.8	95.4





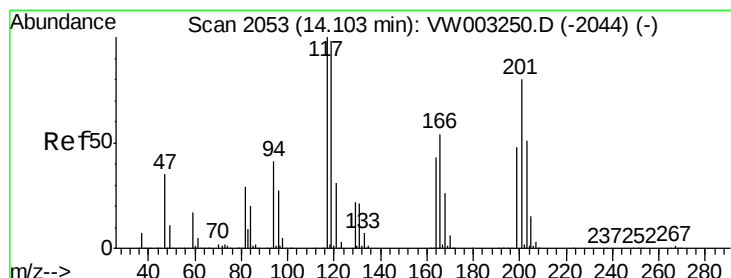
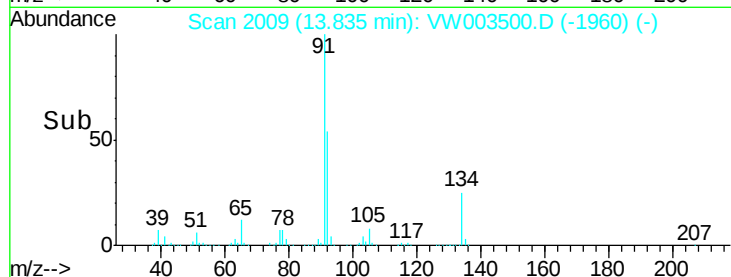
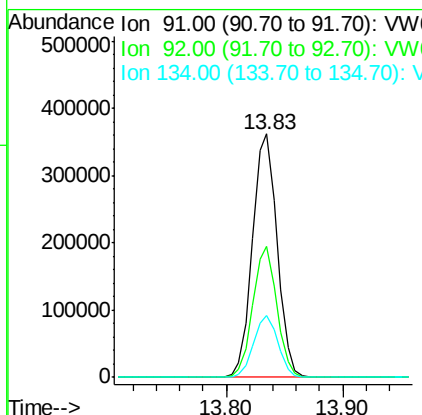
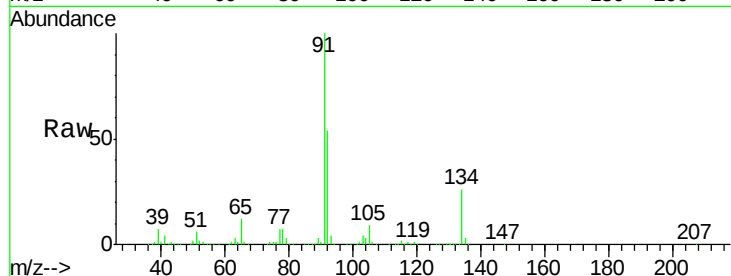
#89
n-Butylbenzene
Concen: 44.29 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. 0.00 min
Lab File: VW003500.D
Acq: 24 Jun 2018 10:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.0	78.0
134	25.1	12.7	38.0

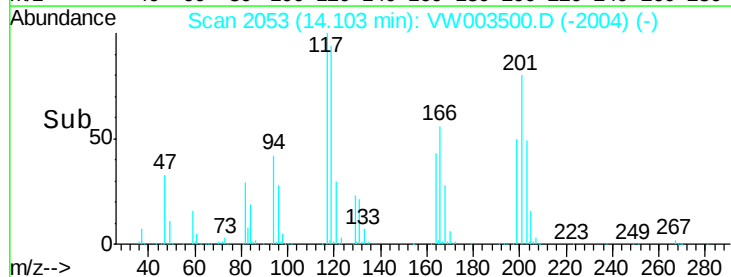
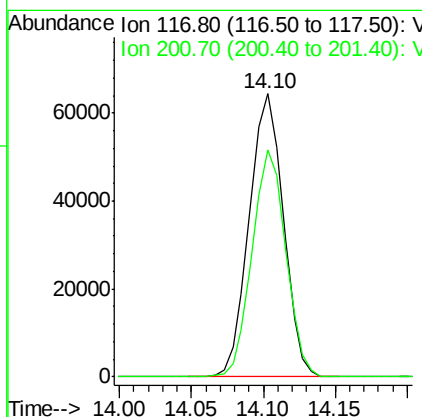
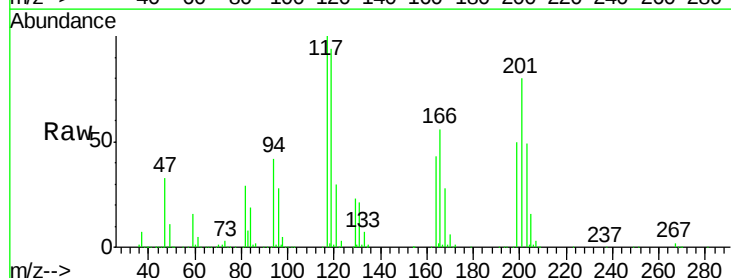
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#90
Hexachloroethane
Concen: 46.98 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VW003500.D
Acq: 24 Jun 2018 10:05

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.8	39.5	118.5





#91

1,2-Dichlorobenzene

Concen: 49.17 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. 0.00 min

Lab File: VW003500.D

Acq: 24 Jun 2018 10:05

Instrument :

MSVOA_W

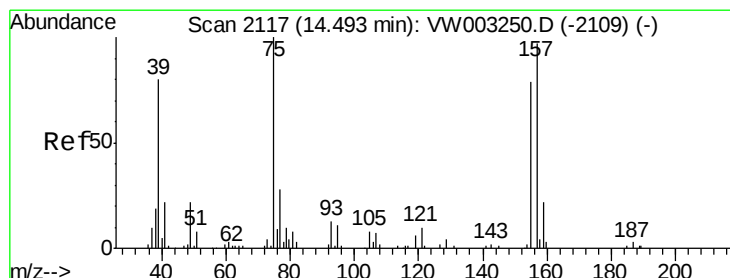
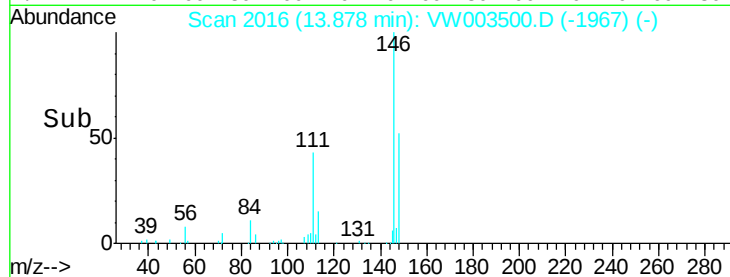
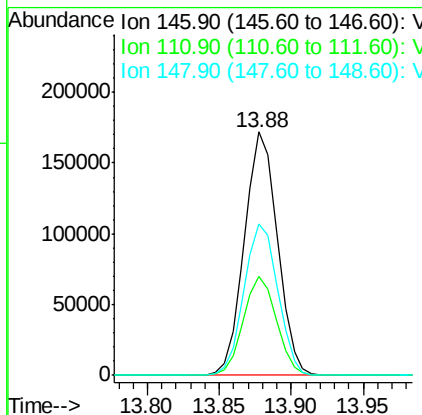
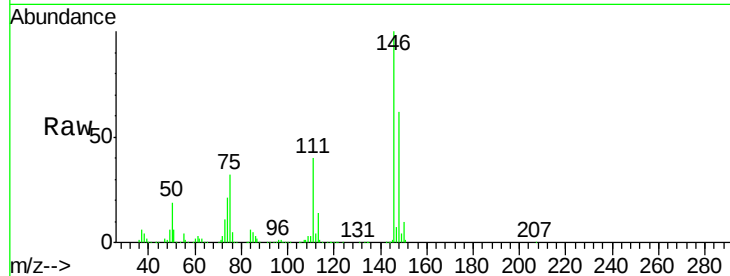
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	273090
Ion Ratio	Lower	Upper	
146	100		
111	40.8	20.3	61.0
148	63.6	32.3	96.9

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#92

1,2-Dibromo-3-Chloropropane

Concen: 51.89 ug/l

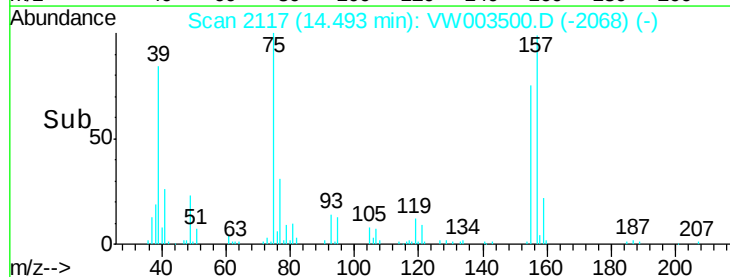
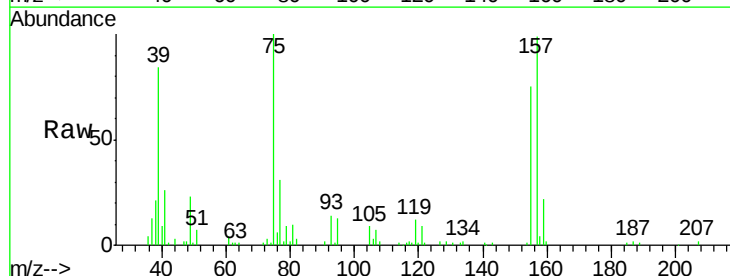
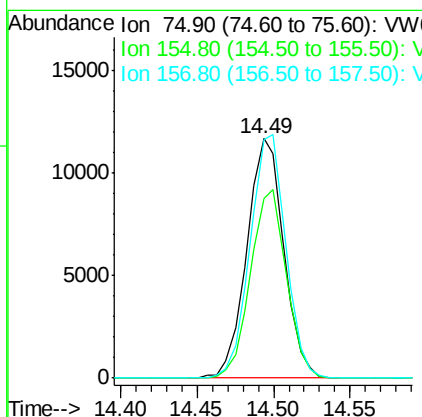
RT: 14.49 min Scan# 2117

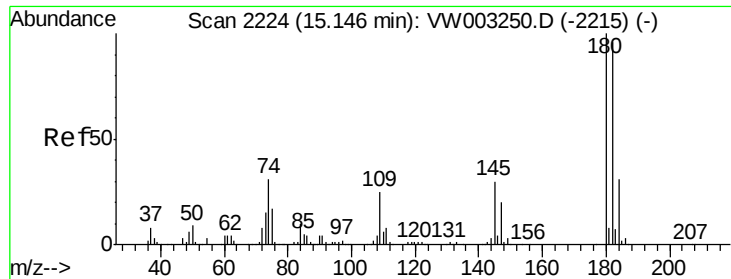
Delta R.T. 0.00 min

Lab File: VW003500.D

Acq: 24 Jun 2018 10:05

Tgt Ion:	75	Resp:	19578
Ion Ratio	Lower	Upper	
75	100		
155	76.6	39.4	118.2
157	98.7	51.5	154.5





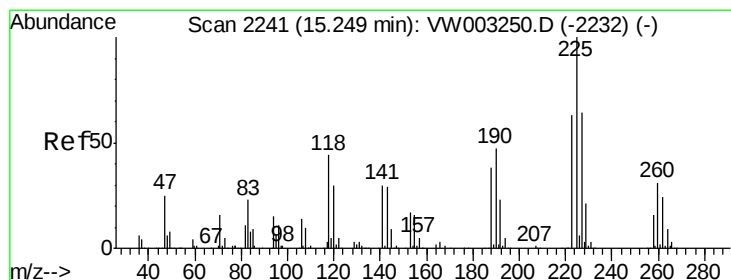
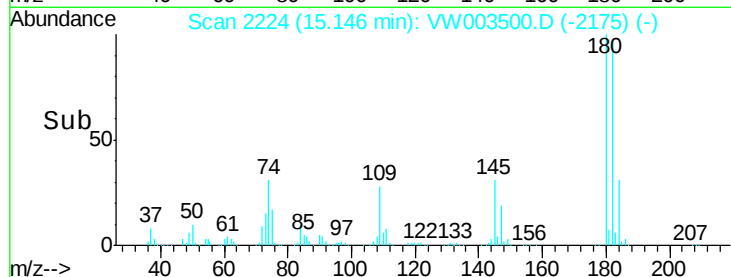
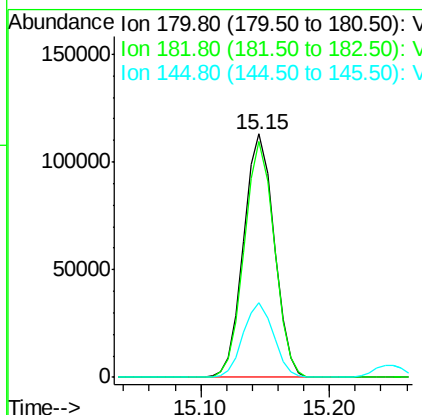
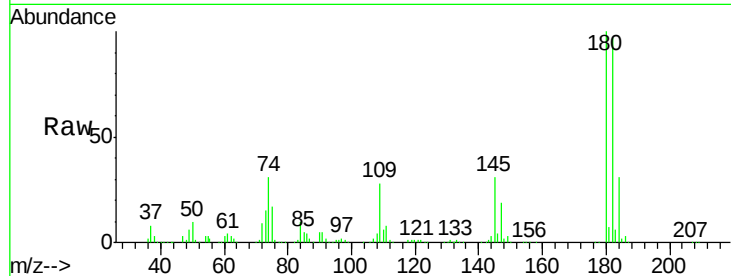
#93
 1,2,4-Trichlorobenzene
 Concen: 47.56 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003500.D
 Acq: 24 Jun 2018 10:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	185431		
182	95.3	47.9	143.6	
145	30.4	15.2	45.5	

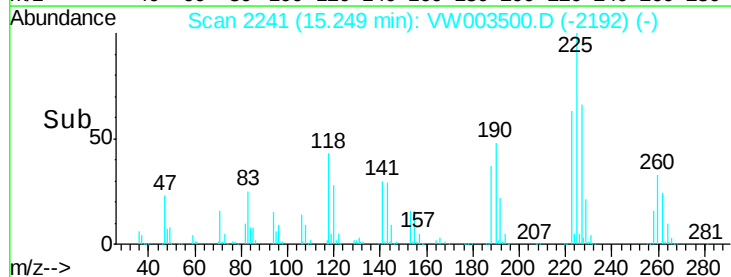
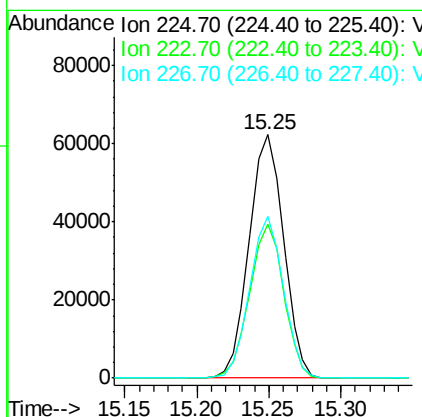
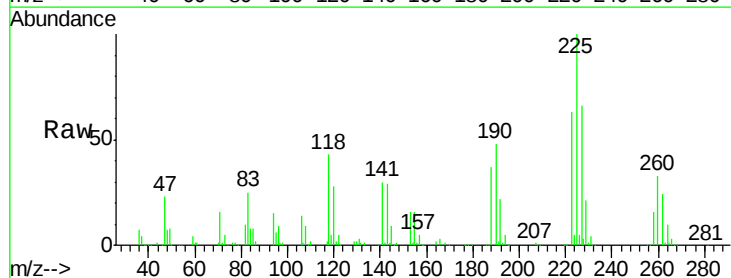
Manual Integrations
 APPROVED

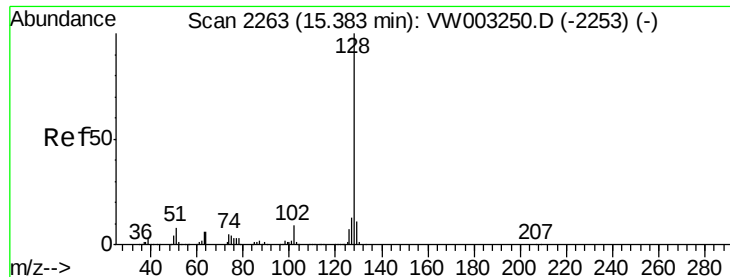
apatel
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#94
 Hexachlorobutadiene
 Concen: 44.15 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW003500.D
 Acq: 24 Jun 2018 10:05

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	103545		
223	62.4	30.6	92.0	
227	64.4	31.7	95.1	





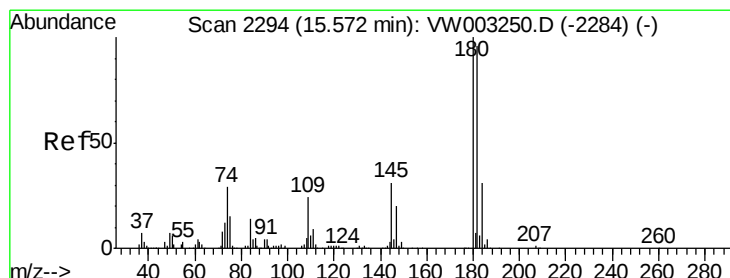
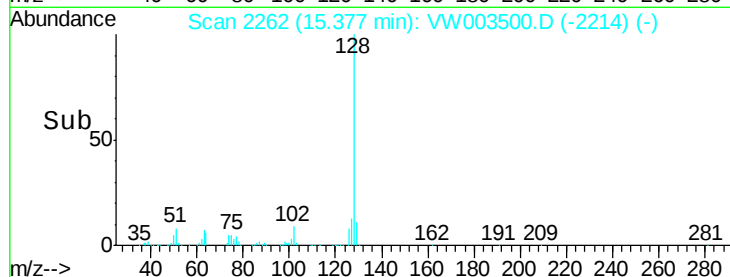
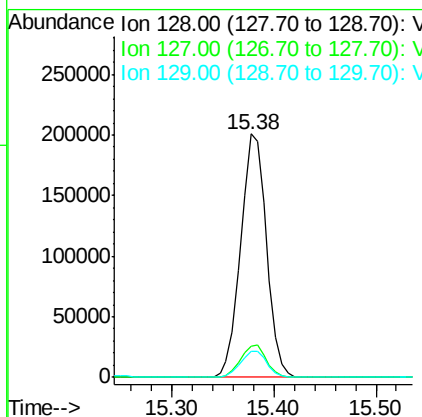
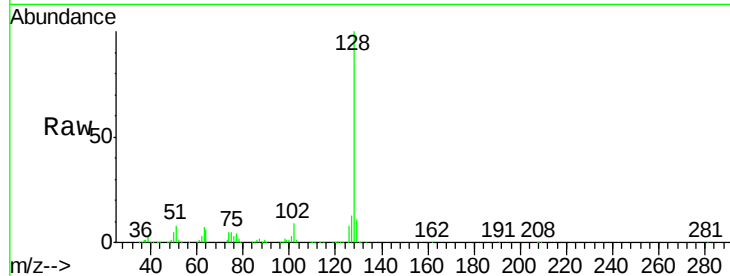
#95
Naphthalene
Concen: 53.15 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.01 min
Lab File: VW003500.D
Acq: 24 Jun 2018 10:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

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

Manual Integrations
APPROVED

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6/26/2018 11:44:01 AM



#96
1,2,3-Trichlorobenzene
Concen: 48.82 ug/l
RT: 15.57 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VW003500.D
Acq: 24 Jun 2018 10:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	47.9	143.6
145	31.9	15.8	47.4

