

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070918\
 Data File : VW003768.D
 Acq On : 09 Jul 2018 10:40
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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apatel
 7/10/2018 10:47:06 AM

Quant Time: Jul 09 13:06:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	272735	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	414191	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	384511	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	198652	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	149323	41.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.74%	
35) Dibromofluoromethane	7.88	113	135856	46.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.74%	
50) Toluene-d8	10.33	98	544089	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	
62) 4-Bromofluorobenzene	12.62	95	192431	47.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	66910	50.444	ug/l	99
3) Chloromethane	2.21	50	110065	43.709	ug/l	93
4) Vinyl Chloride	2.36	62	146508	44.111	ug/l	97
5) Bromomethane	2.78	94	93617	39.930	ug/l	99
6) Chloroethane	2.92	64	88293	44.327	ug/l	97
7) Trichlorofluoromethane	3.25	101	80117	59.712	ug/l	97
8) Diethyl Ether	3.67	74	65923	47.942	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	134228	51.442	ug/l	98
10) Methyl Iodide	4.26	142	200702	51.675	ug/l	99
11) Tert butyl alcohol	5.23	59	45306	234.399	ug/l #	84
12) 1,1-Dichloroethene	4.03	96	132841	51.850	ug/l	99
13) Acrolein	3.90	56	60739	233.212	ug/l	99
14) Allyl chloride	4.66	41	239068	53.671	ug/l	97
15) Acrylonitrile	5.37	53	154797	224.802	ug/l	99
16) Acetone	4.14	43	179996	290.881	ug/l	97
17) Carbon Disulfide	4.37	76	425858	50.700	ug/l	99
18) Methyl Acetate	4.67	43	74325	42.603	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	254399	48.053	ug/l	100
20) Methylene Chloride	4.90	84	143960	47.520	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	146072	48.159	ug/l	98
22) Diisopropyl ether	6.31	45	461934	47.171	ug/l	98
23) Vinyl Acetate	6.26	43	1395479	233.438	ug/l	99
24) 1,1-Dichloroethane	6.21	63	271677	45.870	ug/l	99
25) 2-Butanone	7.18	43	221248	228.278	ug/l	99
26) 2,2-Dichloropropane	7.17	77	173929	54.142	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	156622	46.696	ug/l	100
28) Bromochloromethane	7.51	49	106764	40.464	ug/l	97
29) Tetrahydrofuran	7.54	42	131902	211.706	ug/l	100
30) Chloroform	7.68	83	272036	45.025	ug/l	98
31) Cyclohexane	7.95	56	250920	48.211	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	224086	48.732	ug/l	99
36) 1,1-Dichloropropene	8.08	75	223094	50.764	ug/l	100
37) Ethyl Acetate	7.26	43	92309	43.168	ug/l	100
38) Carbon Tetrachloride	8.07	117	213016	50.979	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	267127	55.498	ug/l	98
40) Benzene	8.32	78	608058	48.397	ug/l	99
41) Methacrylonitrile	7.49	41	54828	44.573	ug/l	96
42) 1,2-Dichloroethane	8.40	62	180941	44.498	ug/l	99
43) Isopropyl Acetate	8.43	43	175929	43.409	ug/l	98
44) Trichloroethene	9.09	130	158303	49.978	ug/l	99
45) 1,2-Dichloropropane	9.37	63	155118	47.483	ug/l	100
46) Dibromomethane	9.46	93	77329	45.018	ug/l	98
47) Bromodichloromethane	9.65	83	199361	47.177	ug/l	98
48) Methyl methacrylate	9.44	41	87102	45.128	ug/l	96
49) 1,4-Dioxane	9.48	88	24701	962.153	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	470638	224.411	ug/l	99
52) Toluene	10.39	92	388441	49.859	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	207855	49.263	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	238906	50.159	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	110014	46.114	ug/l	96
56) Ethyl methacrylate	10.65	69	139025	47.753	ug/l	95
57) 1,3-Dichloropropane	10.93	76	190645	45.848	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	359774	235.513	ug/l	99
59) 2-Hexanone	10.98	43	348007	241.650	ug/l	100
60) Dibromochloromethane	11.13	129	130229	46.762	ug/l	100
61) 1,2-Dibromoethane	11.24	107	104165	45.656	ug/l	100
64) Tetrachloroethene	10.87	164	134114	47.153	ug/l	98
65) Chlorobenzene	11.66	112	416965	49.191	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	146703	49.527	ug/l	99
67) Ethyl Benzene	11.74	91	759817	52.423	ug/l	99
68) m/p-Xylenes	11.85	106	583285	105.092	ug/l	98
69) o-Xylene	12.17	106	267931	52.316	ug/l	99
70) Styrene	12.19	104	451333	51.824	ug/l	99
71) Bromoform	12.35	173	77915	47.663	ug/l #	100
73) Isopropylbenzene	12.47	105	751468	55.857	ug/l	100
74) N-amyl acetate	12.28	43	171333	46.984	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	126940	46.545	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	104416m	53.527	ug/l	
77) Bromobenzene	12.76	156	171190	51.256	ug/l	96
78) n-propylbenzene	12.81	91	933695	55.287	ug/l	100
79) 2-Chlorotoluene	12.90	91	515020	53.082	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	630027	54.336	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	42387	53.154	ug/l	97
82) 4-Chlorotoluene	12.99	91	540066	51.765	ug/l	99
83) tert-Butylbenzene	13.21	119	538056	56.267	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	647709	53.771	ug/l	99
85) sec-Butylbenzene	13.39	105	799288	55.874	ug/l	100
86) p-Isopropyltoluene	13.51	119	709277	56.743	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	346119	51.150	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	343900	50.539	ug/l	100
89) n-Butylbenzene	13.84	91	690609	56.167	ug/l	100
90) Hexachloroethane	14.10	117	125636	52.178	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	304692	50.027	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	21847	46.277	ug/l	98

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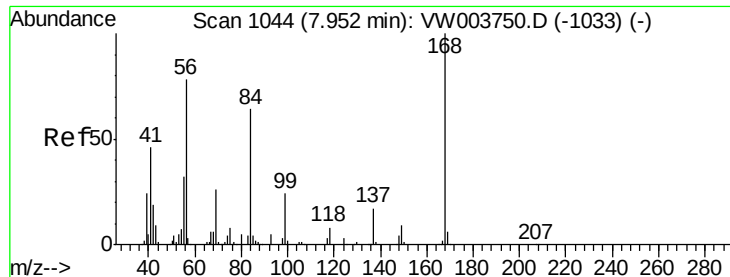
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	216857	52.603	ug/l	99
94) Hexachlorobutadiene	15.25	225	130534	55.356	ug/l	98
95) Naphthalene	15.38	128	385402	52.308	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	189719	51.396	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VW003768.D

Acq: 09 Jul 2018 10:40

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 272735

Ion Ratio Lower Upper

168 100

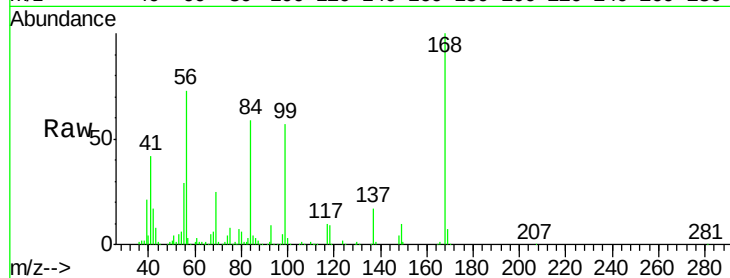
99 56.5 45.0 67.6

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

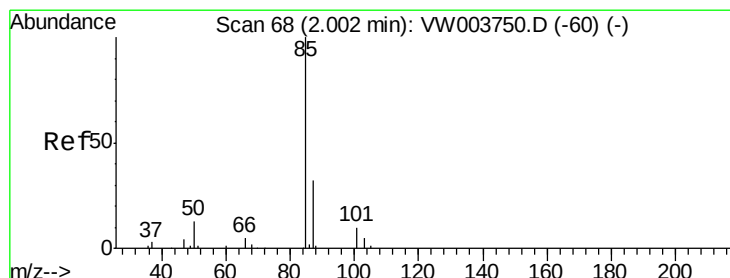
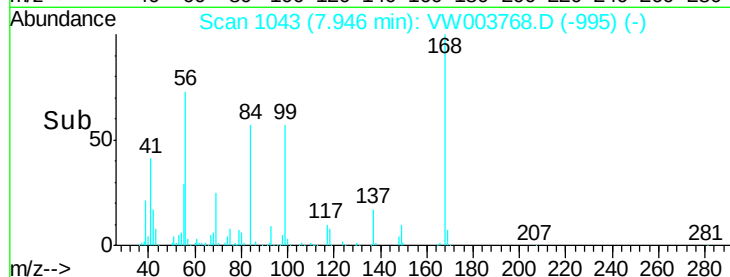
7.95

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 50.444 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.01 min

Lab File: VW003768.D

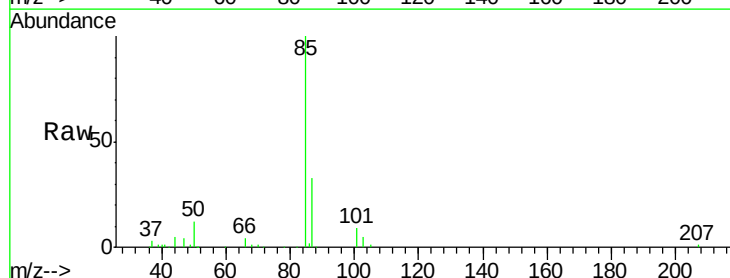
Acq: 09 Jul 2018 10:40

Tgt Ion: 85 Resp: 66910

Ion Ratio Lower Upper

85 100

87 32.6 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

25000

20000

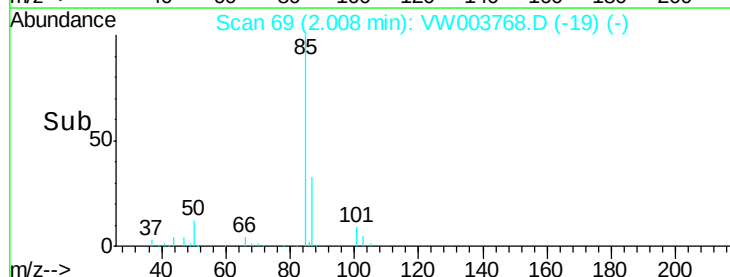
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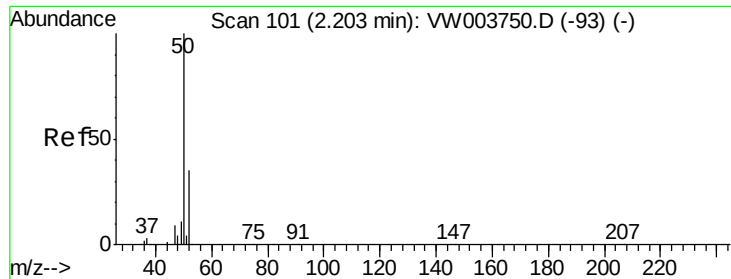
10000

5000

0

Time-->





#3

Chloromethane

Concen: 43.709 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.01 min

Lab File: VW003768.D

Acq: 09 Jul 2018 10:40

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 110065

Ion Ratio Lower Upper

50 100

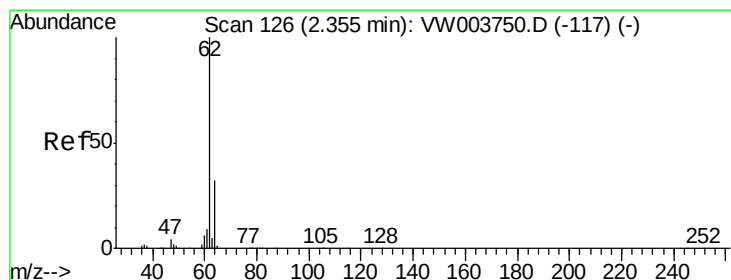
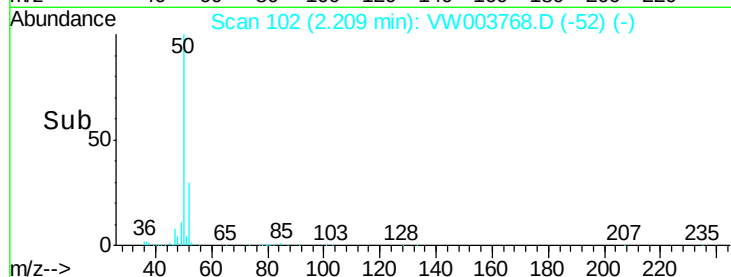
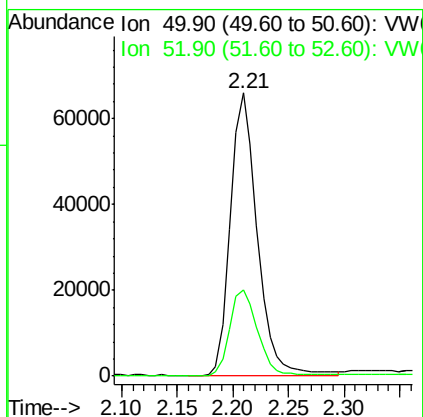
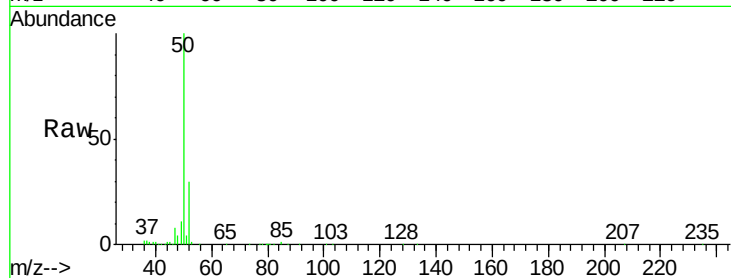
52 30.6 27.8 41.6

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#4

Vinyl Chloride

Concen: 44.111 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW003768.D

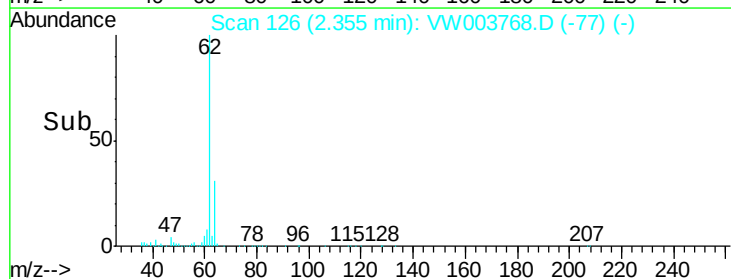
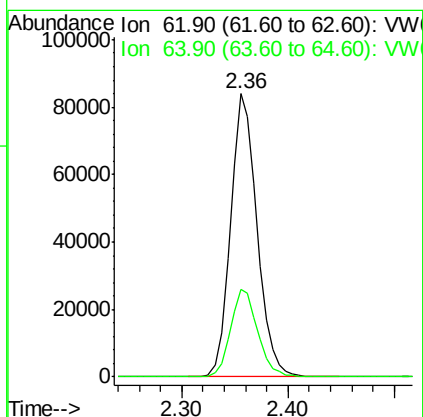
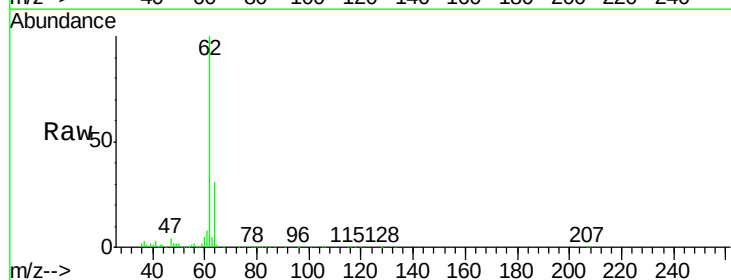
Acq: 09 Jul 2018 10:40

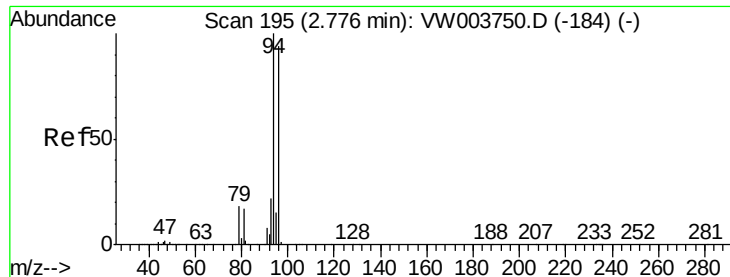
Tgt Ion: 62 Resp: 146508

Ion Ratio Lower Upper

62 100

64 30.8 25.8 38.8





#5

Bromomethane

Concen: 39.930 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.01 min

Lab File: VW003768.D

Acq: 09 Jul 2018 10:40

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 93617

Ion Ratio Lower Upper

94 100

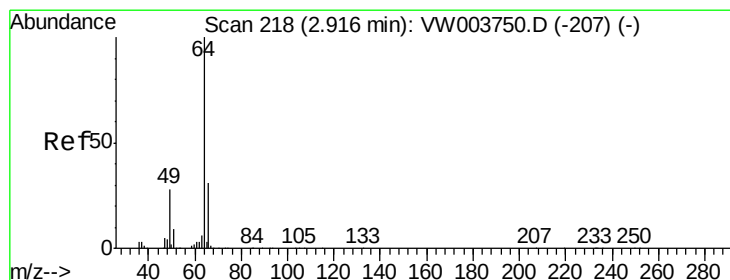
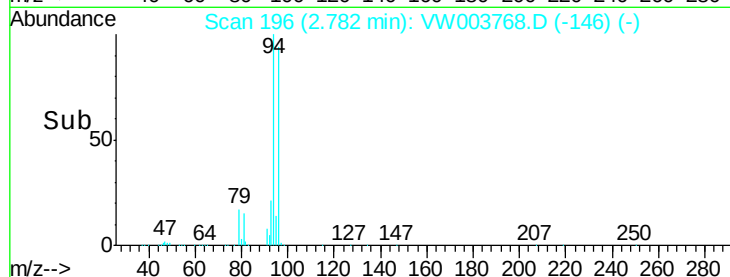
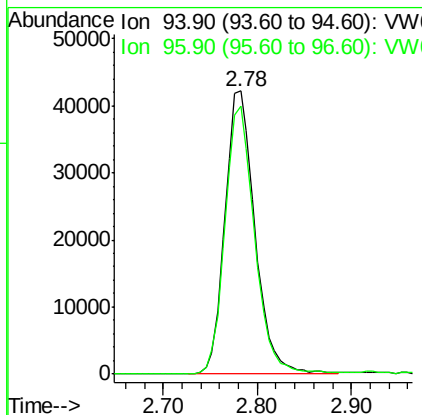
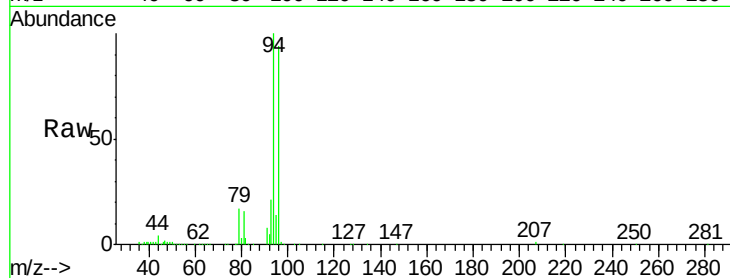
96 94.2 74.8 112.2

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#6

Chloroethane

Concen: 44.327 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.01 min

Lab File: VW003768.D

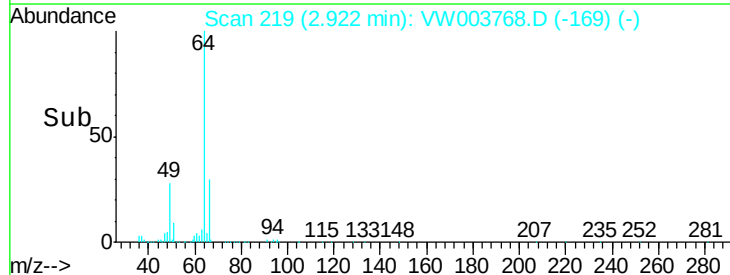
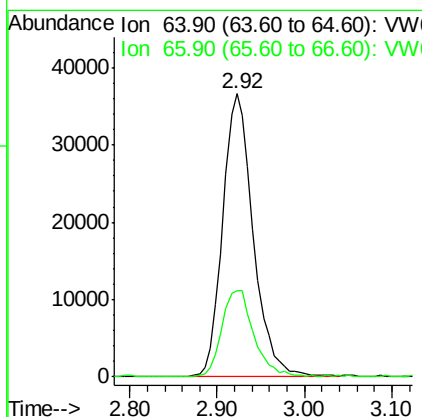
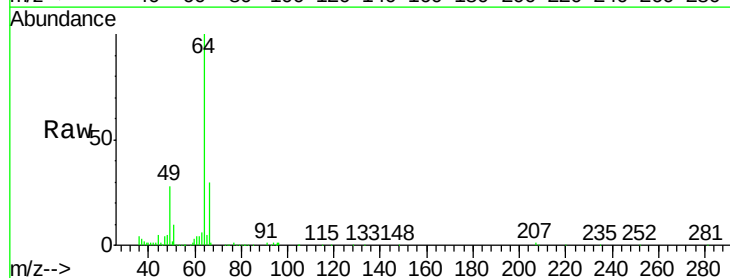
Acq: 09 Jul 2018 10:40

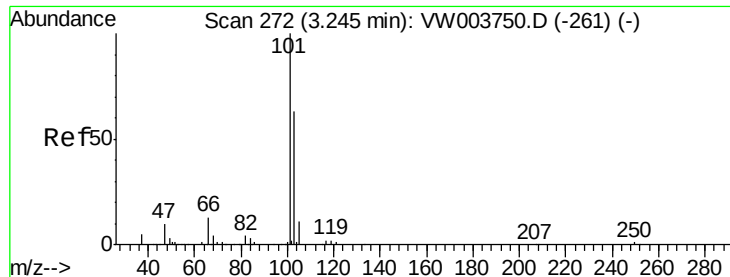
Tgt Ion: 64 Resp: 88293

Ion Ratio Lower Upper

64 100

66 30.0 25.1 37.7





#7

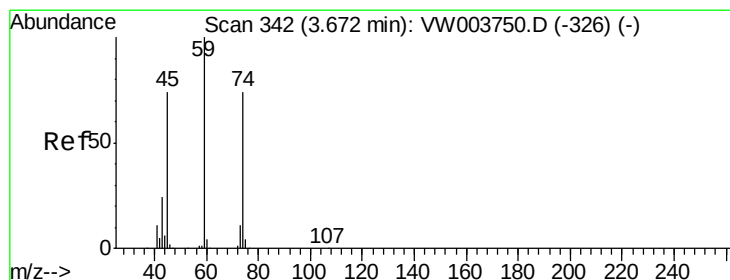
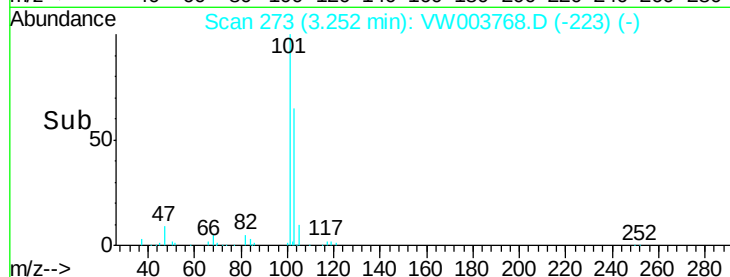
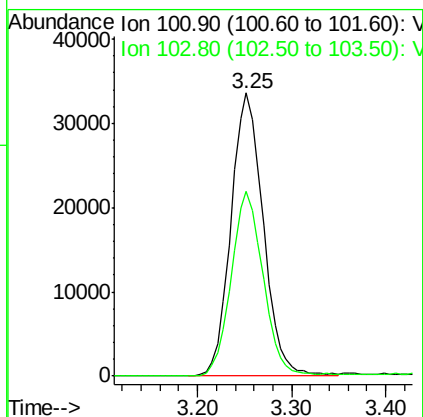
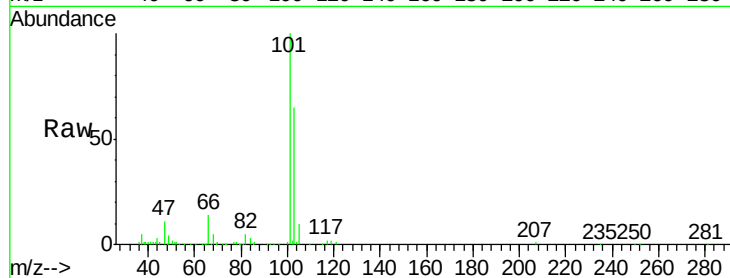
Trichlorofluoromethane
Concen: 59.712 ug/l
RT: 3.25 min Scan# 273
Delta R.T. 0.01 min
Lab File: VW003768.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.4	50.7	76.1

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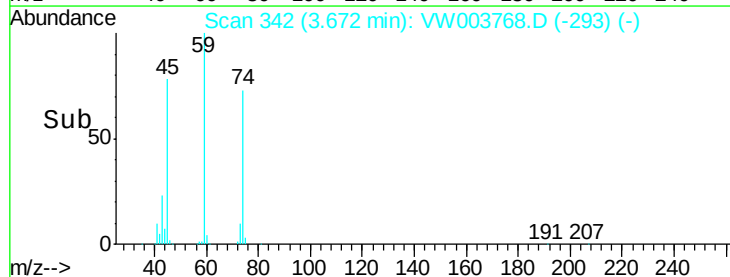
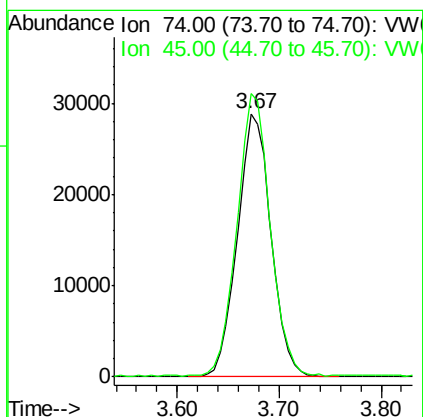
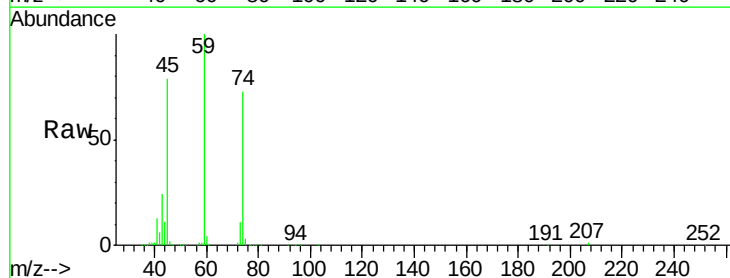
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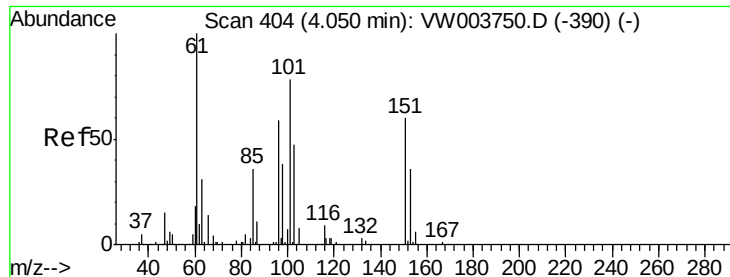


#8

Diethyl Ether
Concen: 47.942 ug/l
RT: 3.67 min Scan# 342
Delta R.T. -0.00 min
Lab File: VW003768.D
Acq: 09 Jul 2018 10:40

Tgt Ion	Ratio	Lower	Upper
74	100		
45	106.1	52.4	157.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.442 ug/l

RT: 4.06 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW003768.D

Acq: 09 Jul 2018 10:40

Instrument :

MSVOA_W

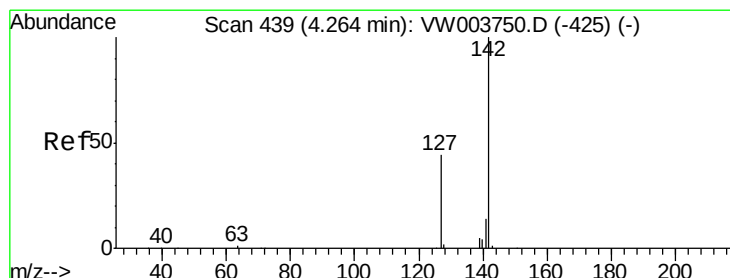
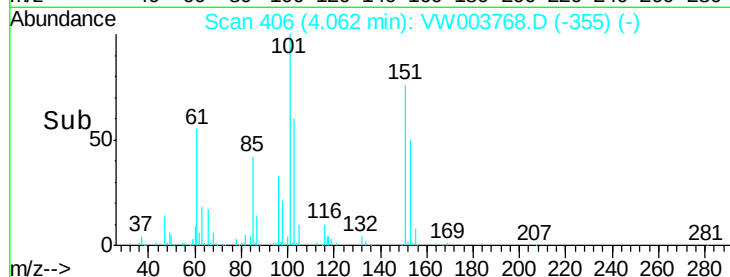
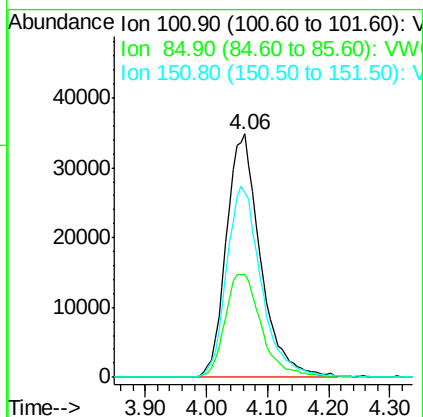
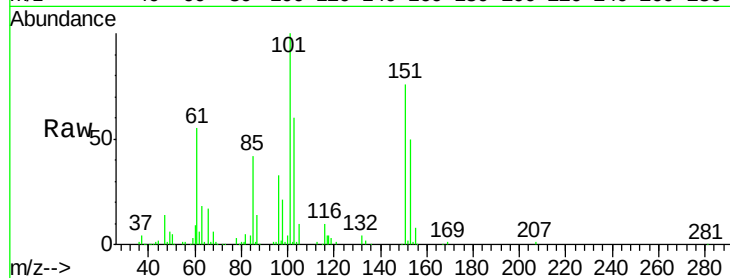
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	134228
Ion Ratio	Lower	Upper	
101	100		
85	44.8	37.1	55.7
151	79.8	62.3	93.5

Manual Integrations
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#10

Methyl Iodide

Concen: 51.675 ug/l

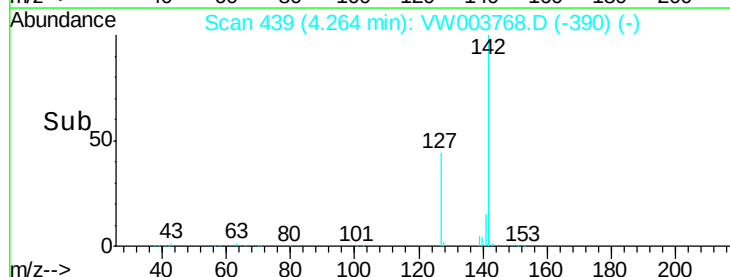
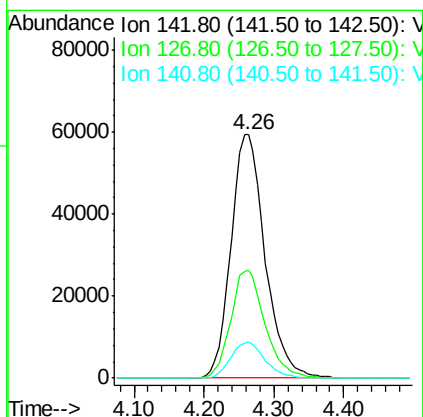
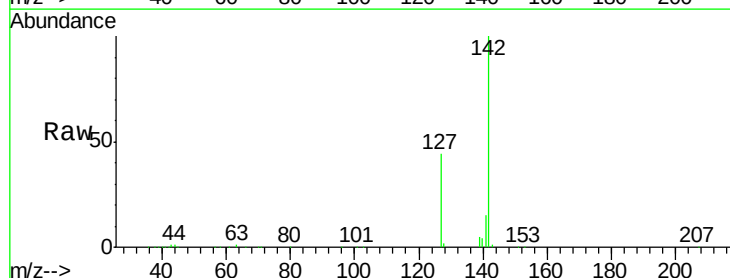
RT: 4.26 min Scan# 439

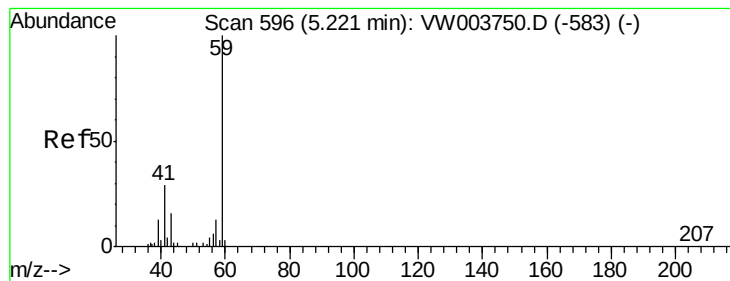
Delta R.T. -0.00 min

Lab File: VW003768.D

Acq: 09 Jul 2018 10:40

Tgt Ion:	142	Resp:	200702
Ion Ratio	Lower	Upper	
142	100		
127	44.5	36.1	54.1
141	14.9	11.6	17.4





#11

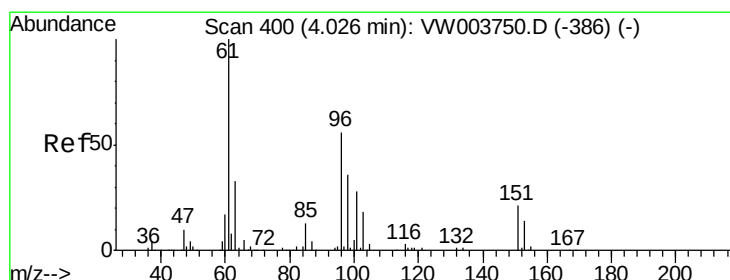
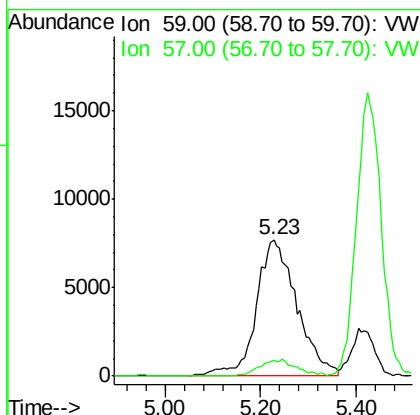
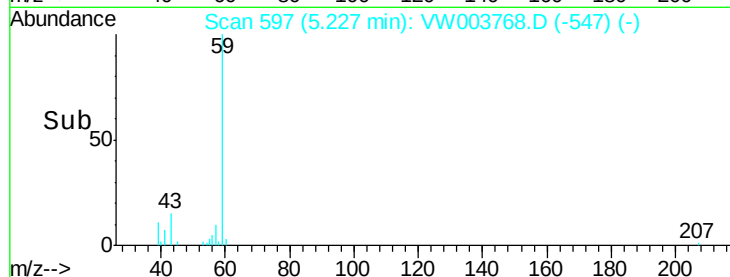
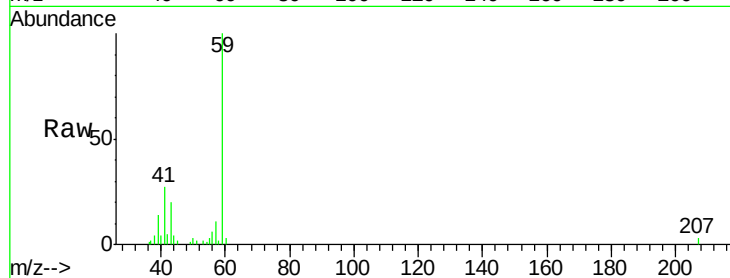
Tert butyl alcohol
Concen: 234.399 ug/l
RT: 5.23 min Scan# 597
Delta R.T. 0.01 min
Lab File: VW003768.D
Acq: 09 Jul 2018 10:40

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
59	100	45306		
57	5.3		9.3	13.9#

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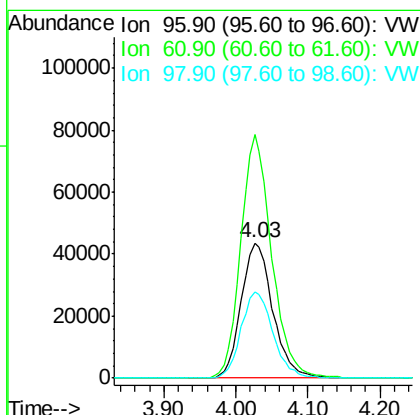
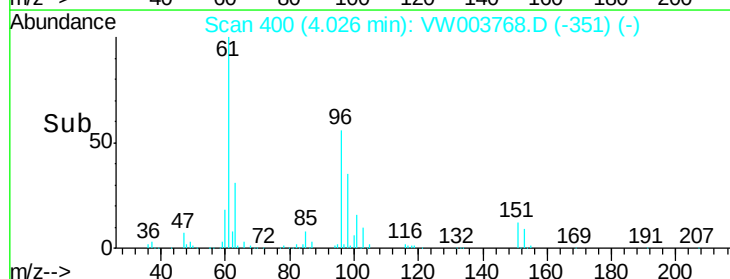
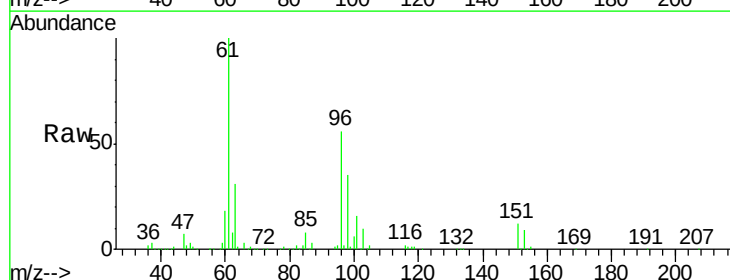
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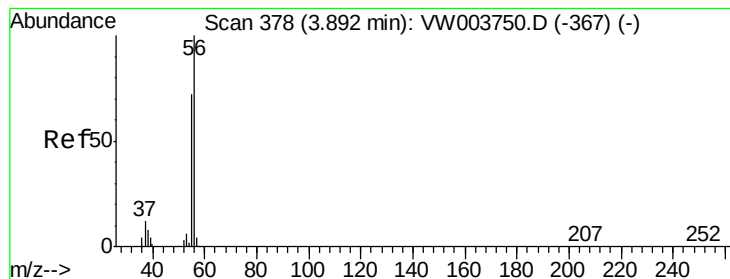


#12

1,1-Dichloroethene
Concen: 51.850 ug/l
RT: 4.03 min Scan# 400
Delta R.T. -0.00 min
Lab File: VW003768.D
Acq: 09 Jul 2018 10:40

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	132841		
61	180.0		143.2	214.8
98	63.5		51.4	77.0





#13

Acrolein

Concen: 233.212 ug/l

RT: 3.90 min Scan# 379

Delta R.T. 0.01 min

Lab File: VW003768.D

Acq: 09 Jul 2018 10:40

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 60739

Ion Ratio Lower Upper

56 100

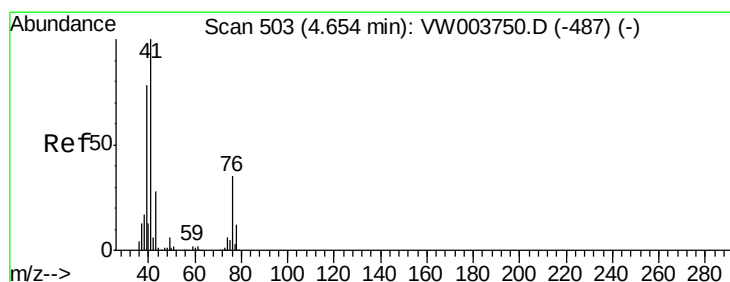
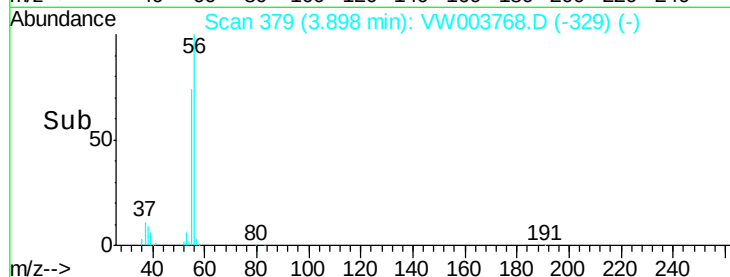
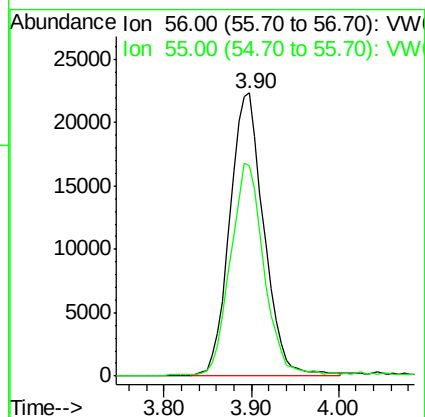
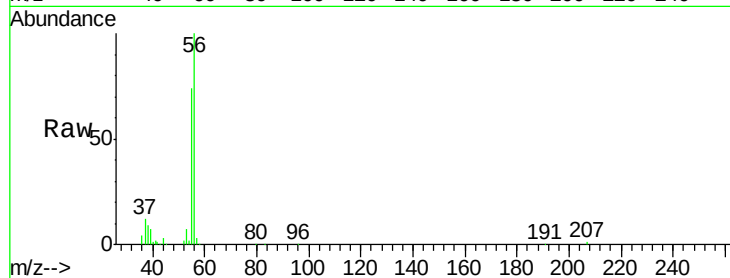
55 72.8 57.5 86.3

Manual Integrations

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#14

Allyl chloride

Concen: 53.671 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.01 min

Lab File: VW003768.D

Acq: 09 Jul 2018 10:40

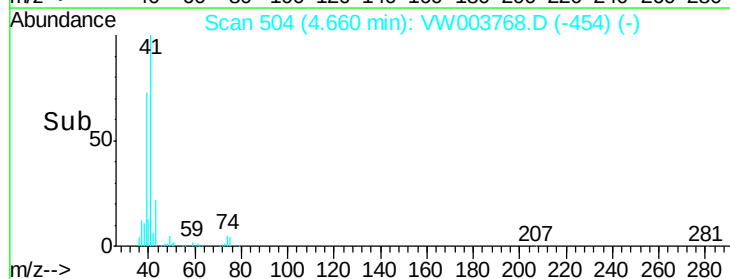
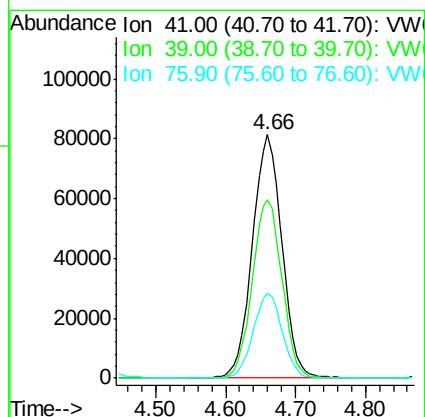
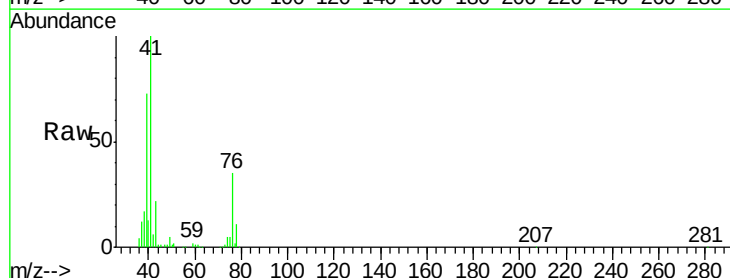
Tgt Ion: 41 Resp: 239068

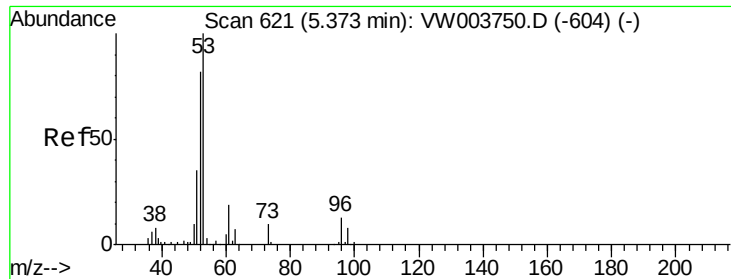
Ion Ratio Lower Upper

41 100

39 73.0 60.9 91.3

76 34.3 27.5 41.3





#15

Acrylonitrile

Concen: 224.802 ug/l

RT: 5.37 min Scan# 621

Delta R.T. -0.00 min

Lab File: VW003768.D

Acq: 09 Jul 2018 10:40

Instrument :

MSVOA_W

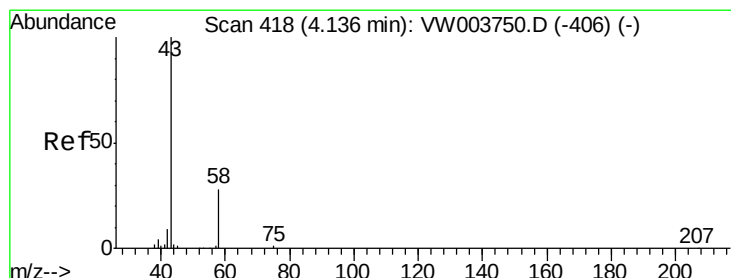
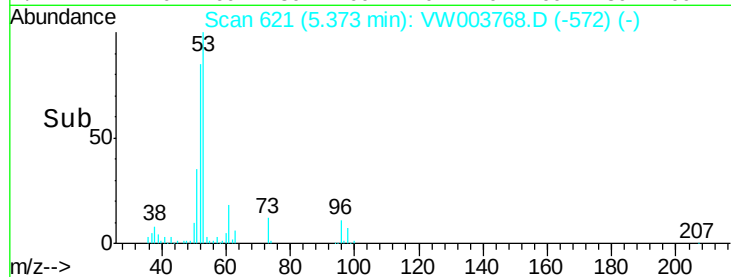
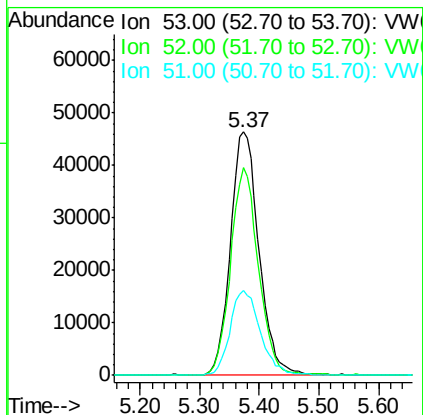
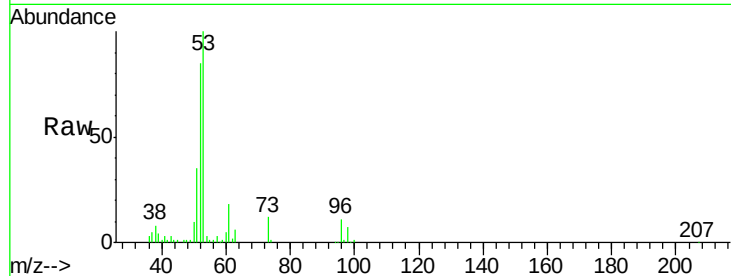
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	154797
Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.2	99.2
51	37.1	30.2	45.4

Manual Integrations
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#16

Acetone

Concen: 290.881 ug/l

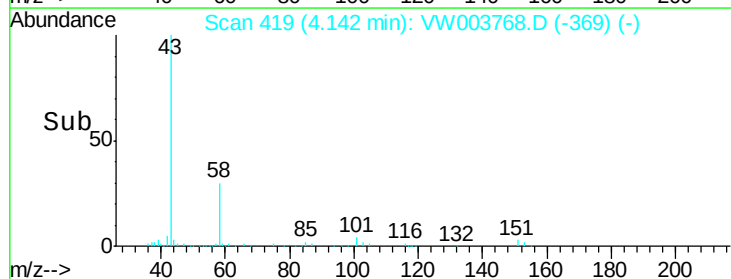
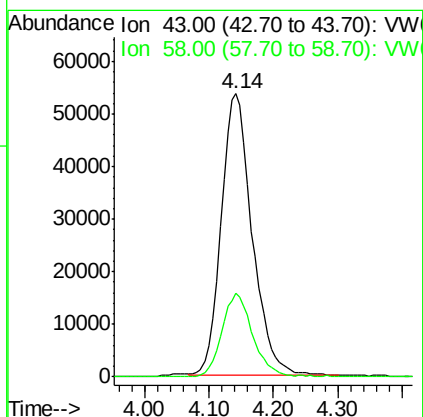
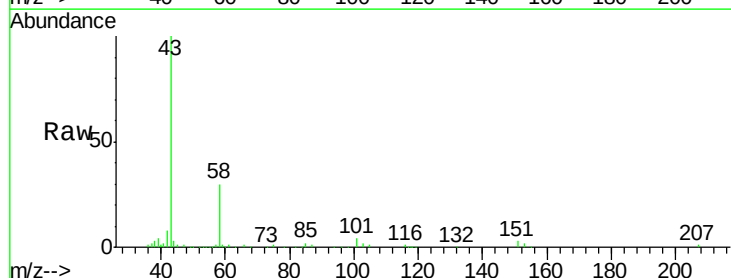
RT: 4.14 min Scan# 419

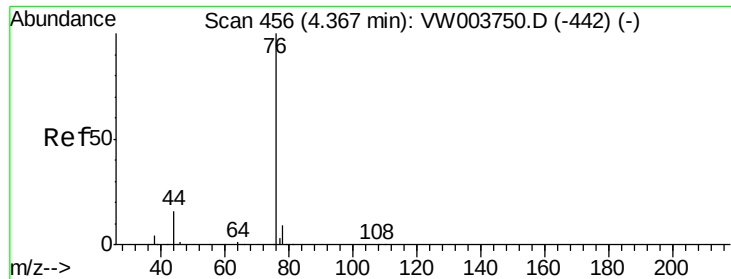
Delta R.T. 0.01 min

Lab File: VW003768.D

Acq: 09 Jul 2018 10:40

Tgt Ion:	43	Resp:	179996
Ion	Ratio	Lower	Upper
43	100		
58	29.8	22.6	34.0





#17

Carbon Disulfide

Concen: 50.700 ug/l

RT: 4.37 min Scan# 456

Delta R.T. -0.00 min

Lab File: VW003768.D

Acq: 09 Jul 2018 10:40

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 425858

Ion Ratio Lower Upper

76 100

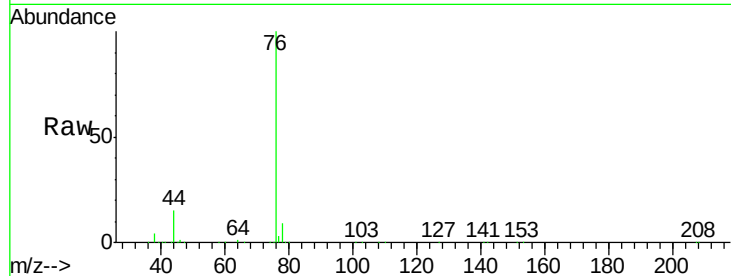
78 9.1 7.4 11.2

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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.37

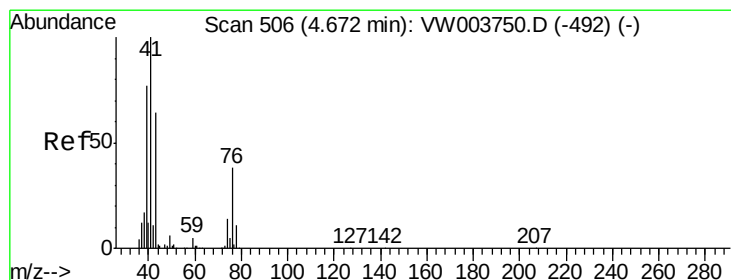
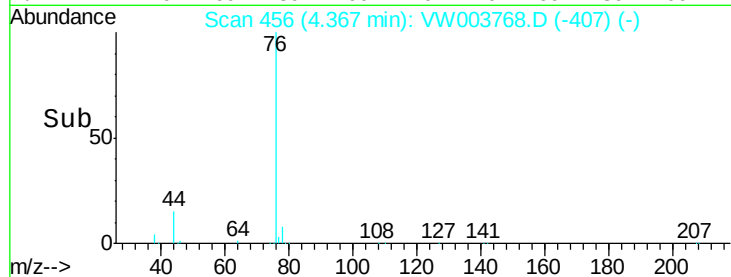
150000

100000

50000

0

Time--> 4.20 4.30 4.40 4.50



#18

Methyl Acetate

Concen: 42.603 ug/l

RT: 4.67 min Scan# 506

Delta R.T. -0.00 min

Lab File: VW003768.D

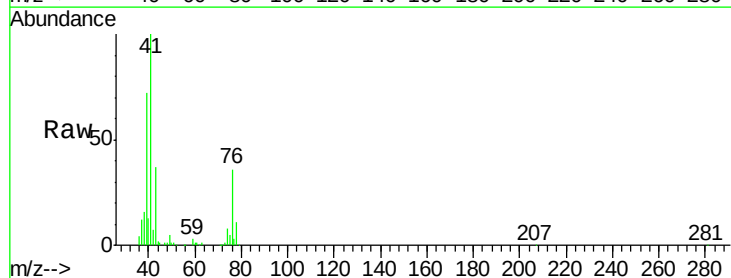
Acq: 09 Jul 2018 10:40

Tgt Ion: 43 Resp: 74325

Ion Ratio Lower Upper

43 100

74 22.4 17.3 25.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.67

25000

20000

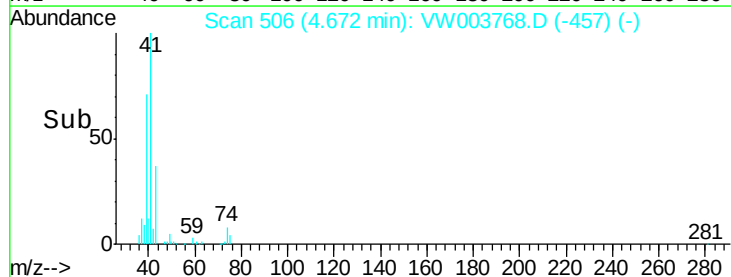
15000

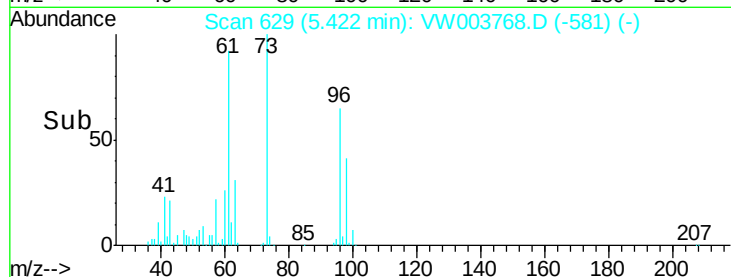
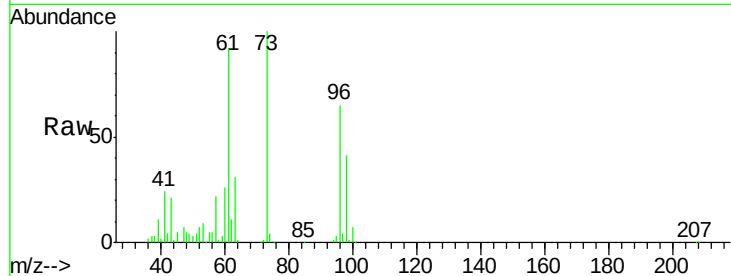
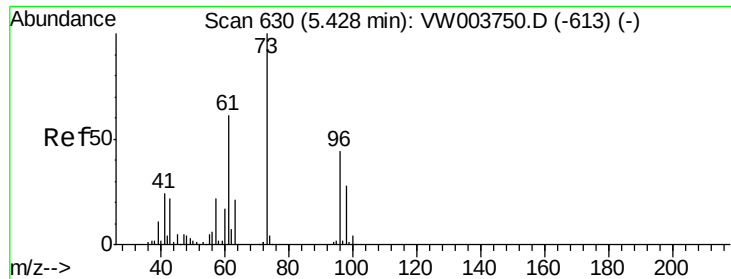
10000

5000

0

Time--> 4.50 4.60 4.70 4.80





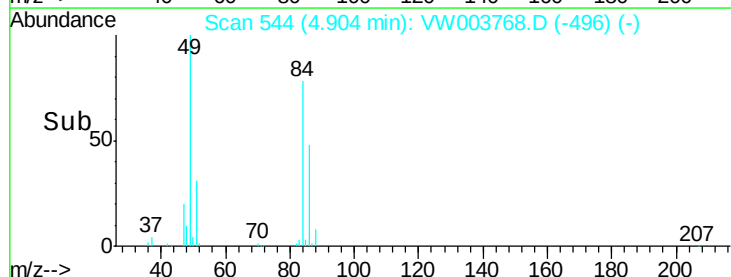
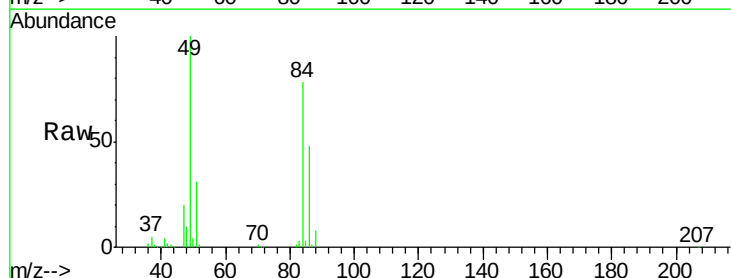
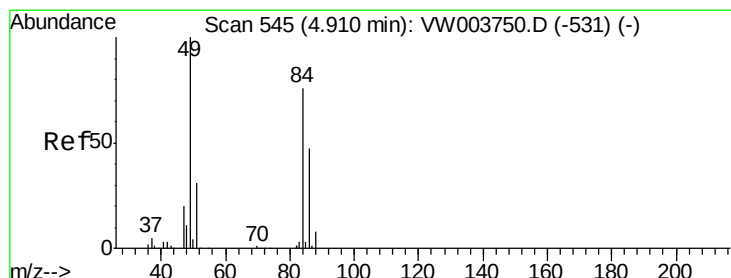
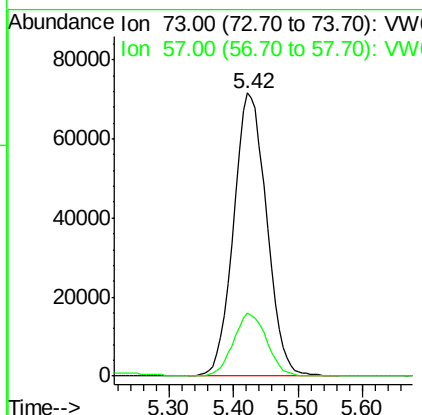
#19
Methyl tert-butyl Ether
Concen: 48.053 ug/l
RT: 5.42 min Scan# 629
Delta R.T. -0.01 min
Lab File: VW003768.D
Acq: 09 Jul 2018 10:40

Tot Ion: 73 Resp: 254399
Ion Ratio Lower Upper
73 100
57 22.4 17.9 26.9

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

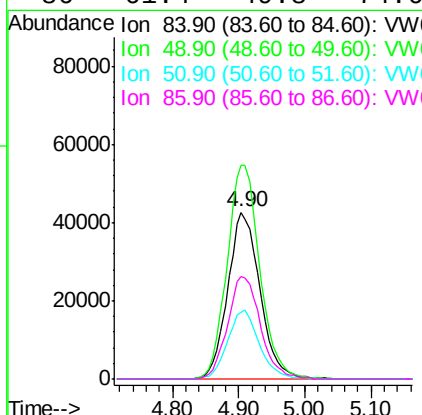
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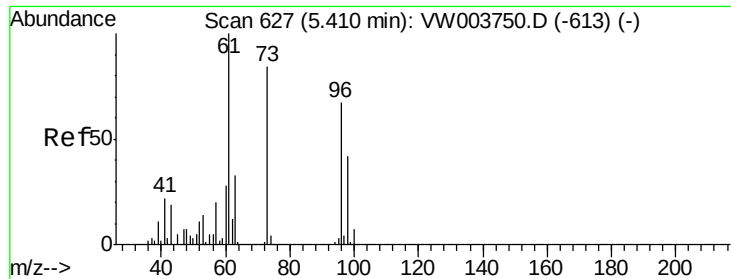
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#20
Methylene Chloride
Concen: 47.520 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW003768.D
Acq: 09 Jul 2018 10:40

Tgt Ion: 84 Resp: 143960
Ion Ratio Lower Upper
84 100
49 128.0 105.1 157.7
51 39.9 32.5 48.7
86 61.4 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 48.159 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.01 min

Lab File: VW003768.D

Acq: 09 Jul 2018 10:40

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 146072

Ion Ratio Lower Upper

96 100

61 150.4 119.0 178.6

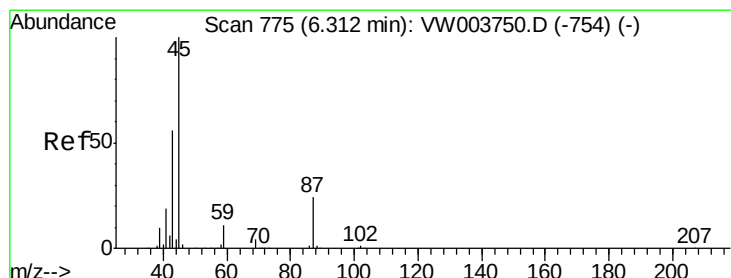
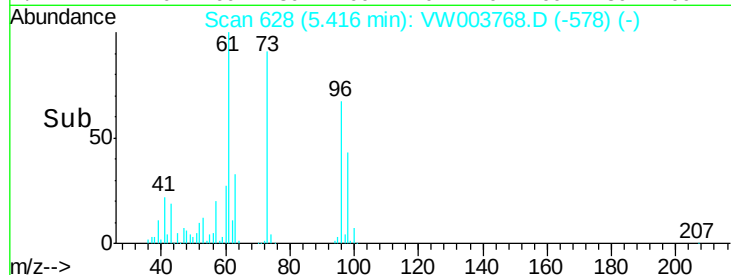
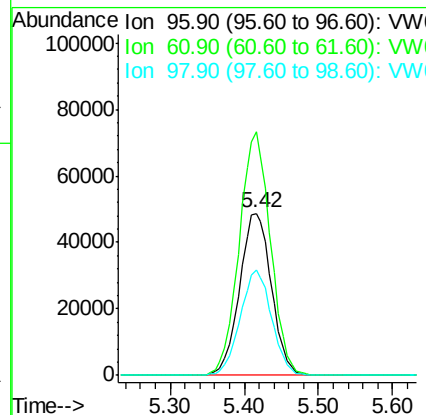
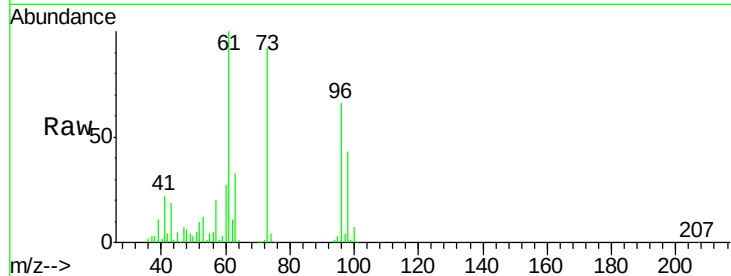
98 65.1 49.8 74.8

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#22

Diisopropyl ether

Concen: 47.171 ug/l

RT: 6.31 min Scan# 775

Delta R.T. -0.00 min

Lab File: VW003768.D

Acq: 09 Jul 2018 10:40

Tgt Ion: 45 Resp: 461934

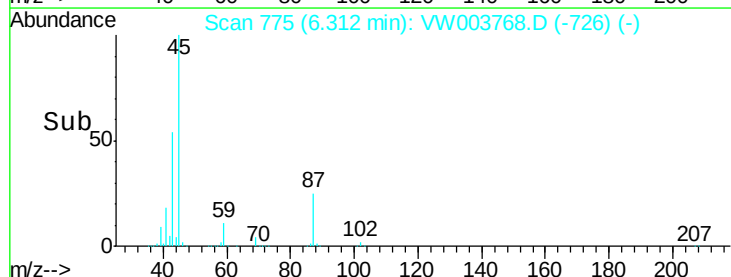
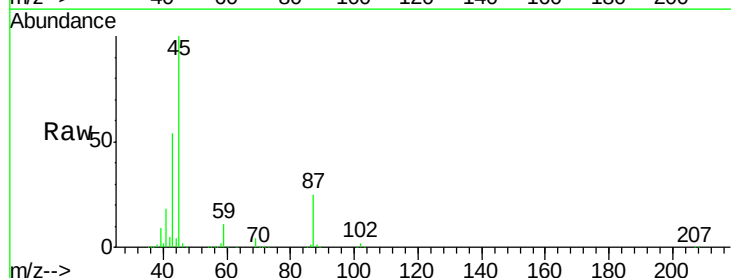
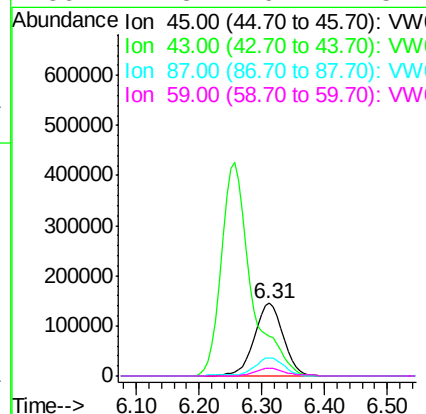
Ion Ratio Lower Upper

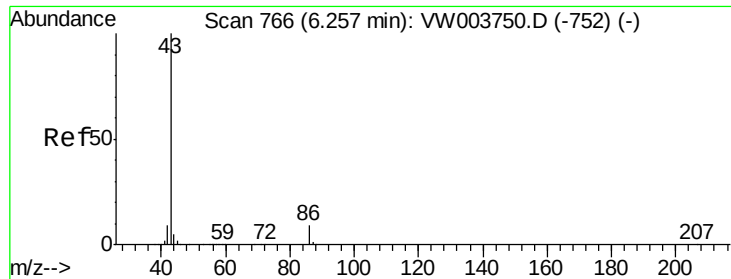
45 100

43 53.8 44.5 66.7

87 24.6 19.6 29.4

59 11.3 9.1 13.7





#23

Vinyl Acetate

Concen: 233.438 ug/l

RT: 6.26 min Scan# 766

Delta R.T. -0.00 min

Lab File: VW003768.D

Acq: 09 Jul 2018 10:40

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1395479

Ion Ratio Lower Upper

43 100

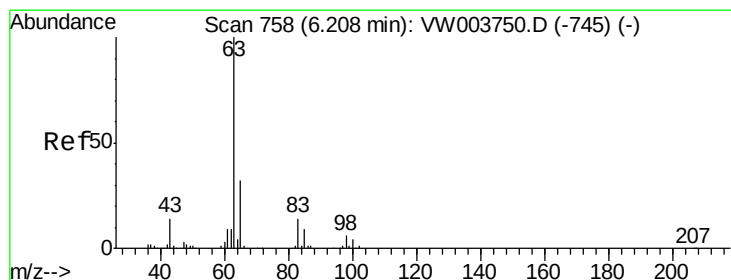
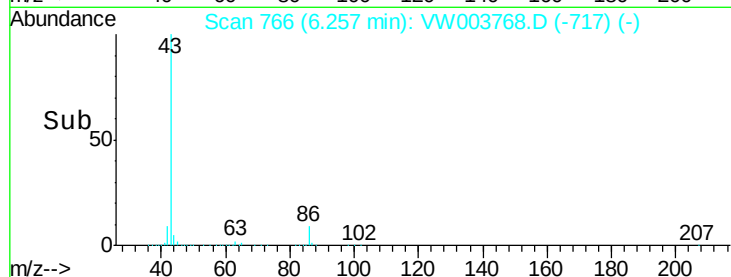
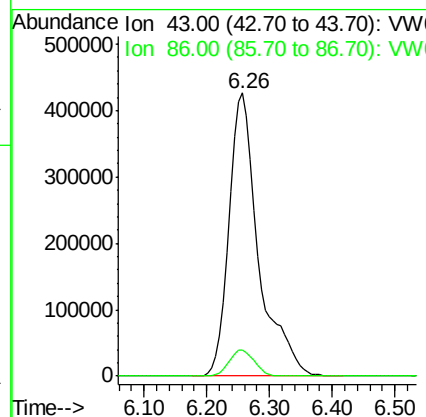
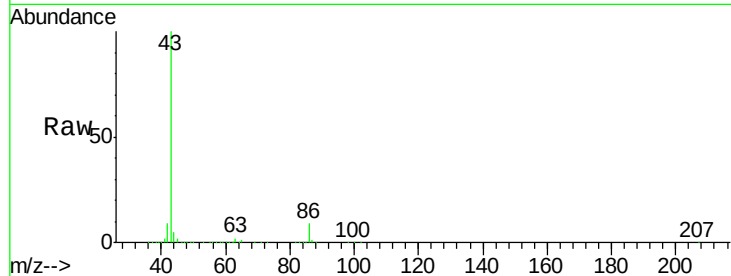
86 9.4 7.3 10.9

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#24

1,1-Dichloroethane

Concen: 45.870 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.01 min

Lab File: VW003768.D

Acq: 09 Jul 2018 10:40

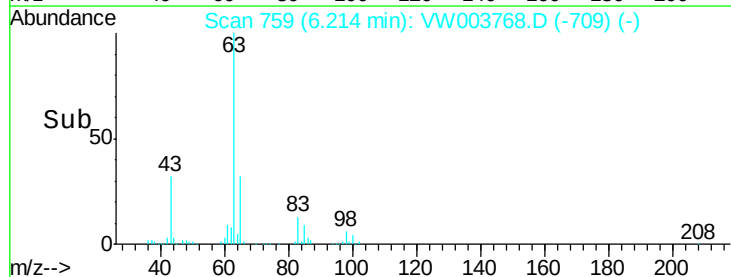
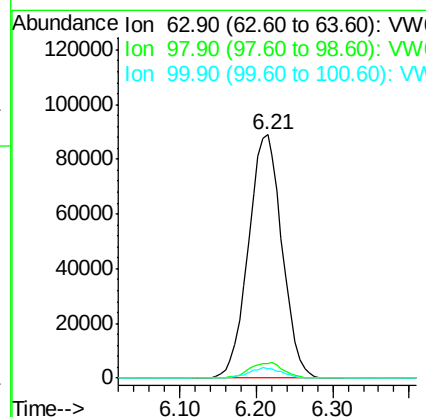
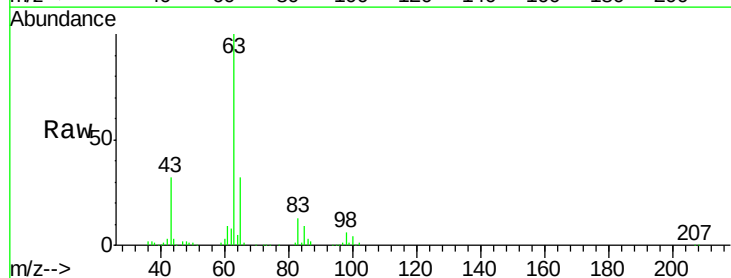
Tgt Ion: 63 Resp: 271677

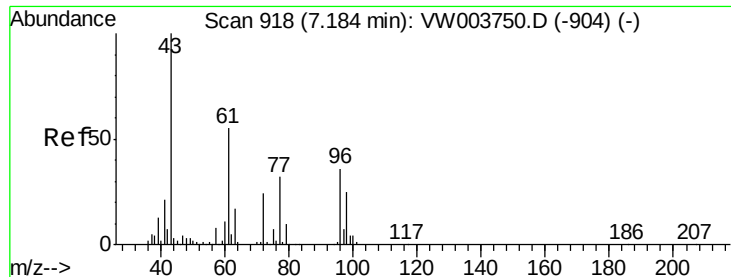
Ion Ratio Lower Upper

63 100

98 5.9 3.2 9.6

100 4.1 2.1 6.2





#25

2-Butanone

Concen: 228.278 ug/l

RT: 7.18 min Scan# 918

Delta R.T. -0.00 min

Lab File: VW003768.D

Acq: 09 Jul 2018 10:40

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 221248

Ion Ratio Lower Upper

43 100

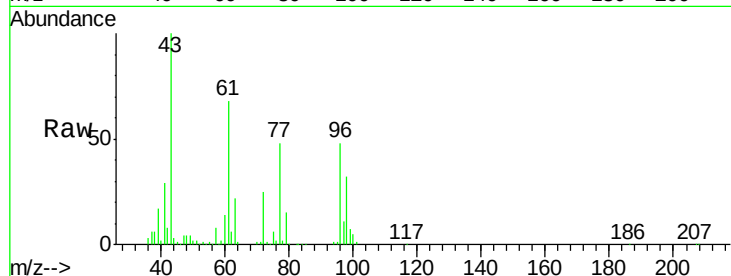
72 24.8 19.4 29.2

Manual Integrations

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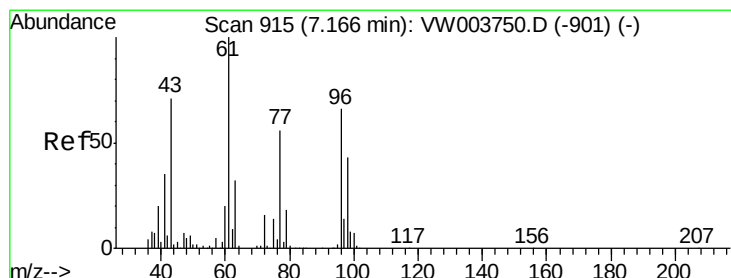
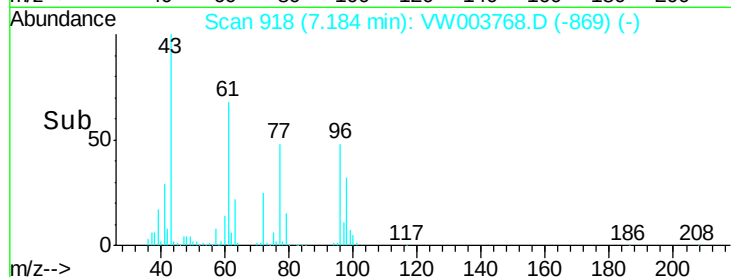
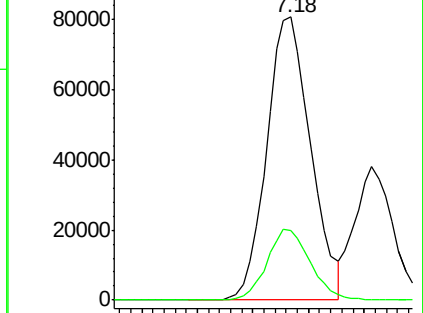
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 54.142 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW003768.D

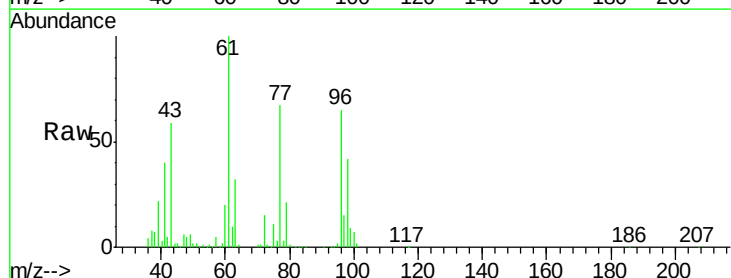
Acq: 09 Jul 2018 10:40

Tgt Ion: 77 Resp: 173929

Ion Ratio Lower Upper

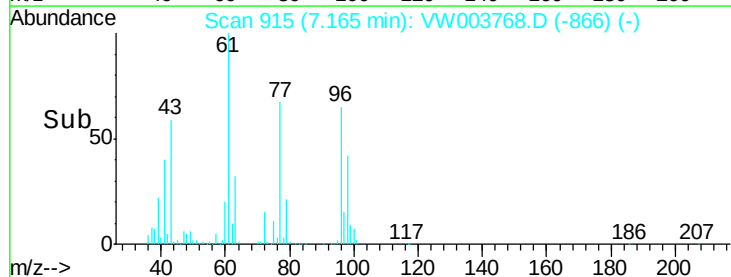
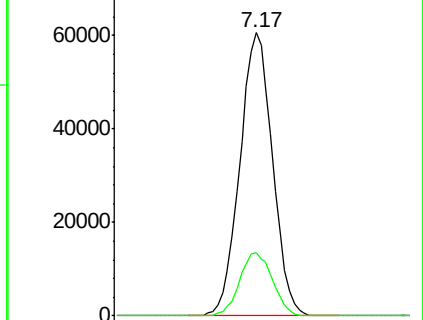
77 100

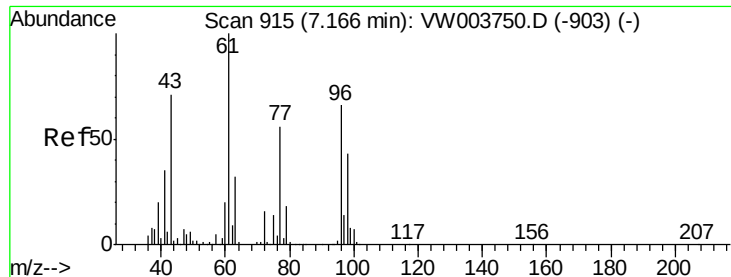
97 22.6 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW





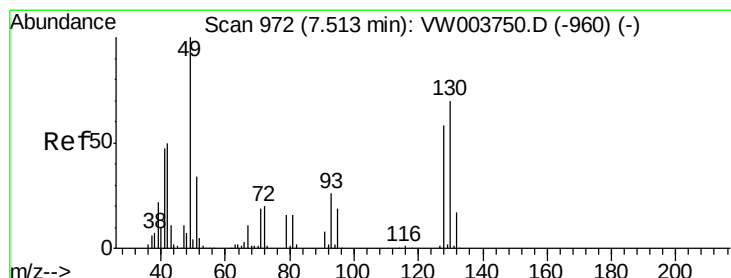
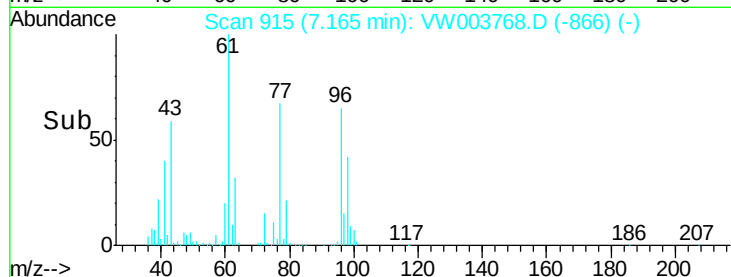
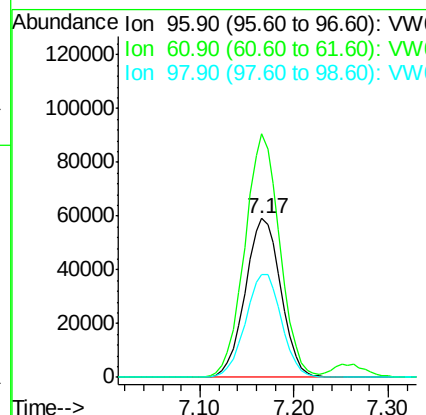
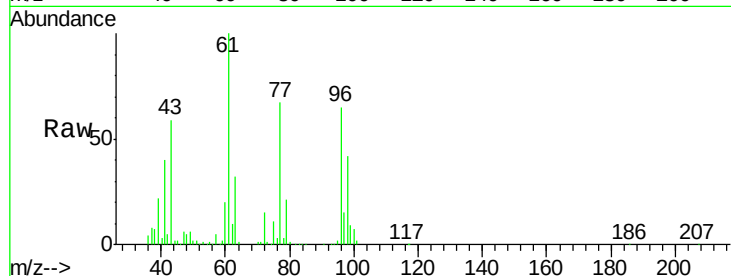
#27
 cis-1,2-Dichloroethene
 Concen: 46.696 ug/l
 RT: 7.17 min Scan# 915
 Delta R.T. -0.00 min
 Lab File: VW003768.D
 Acq: 09 Jul 2018 10:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	156622		
61	150.4	0.0	300.8	
98	65.5	0.0	128.6	

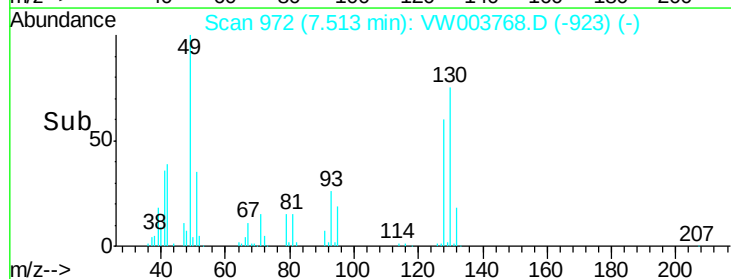
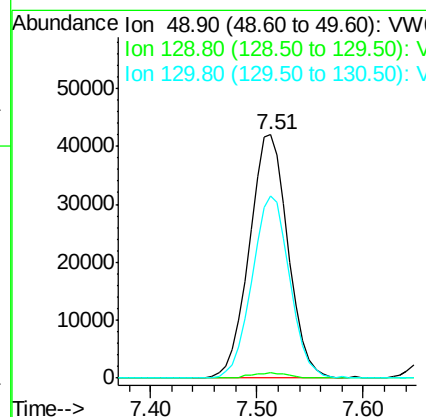
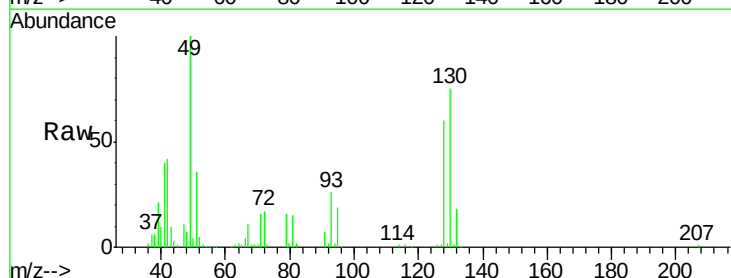
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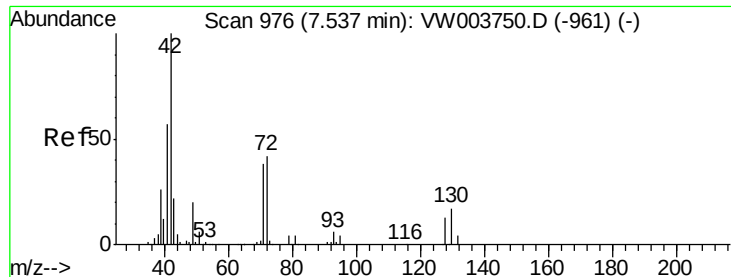
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#28
 Bromochloromethane
 Concen: 40.464 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: VW003768.D
 Acq: 09 Jul 2018 10:40

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	106764		
129	2.1	0.0	4.4	
130	73.2	56.9	85.3	





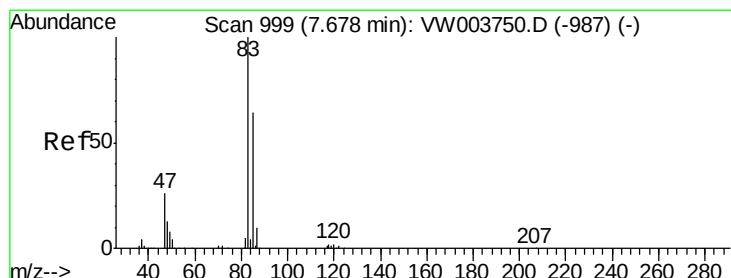
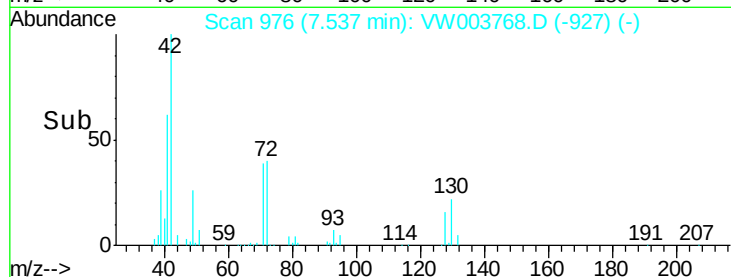
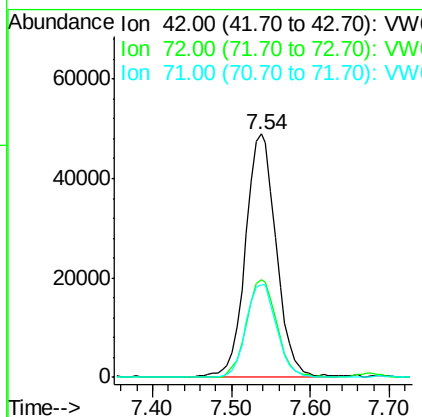
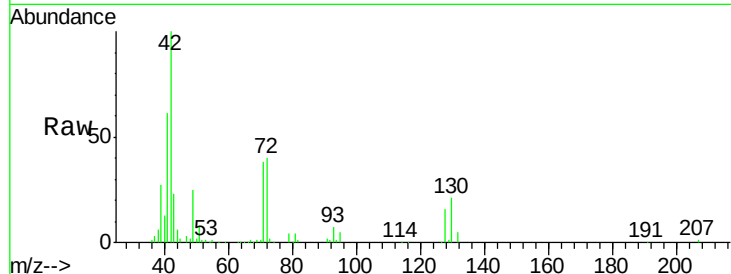
#29
Tetrahydrofuran
Concen: 211.706 ug/l
RT: 7.54 min Scan# 976
Delta R.T. -0.00 min
Lab File: VW003768.D
Acq: 09 Jul 2018 10:40

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.0	31.8	47.8
71	38.2	30.3	45.5

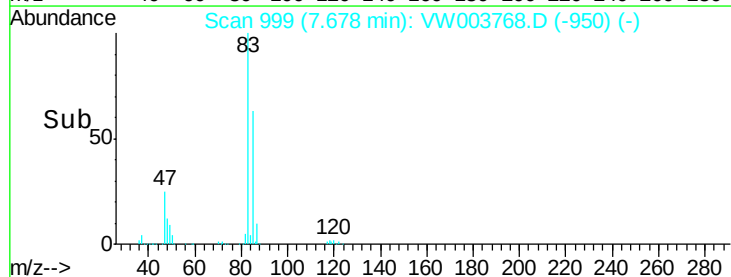
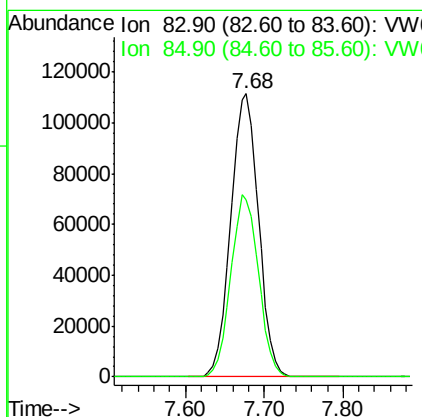
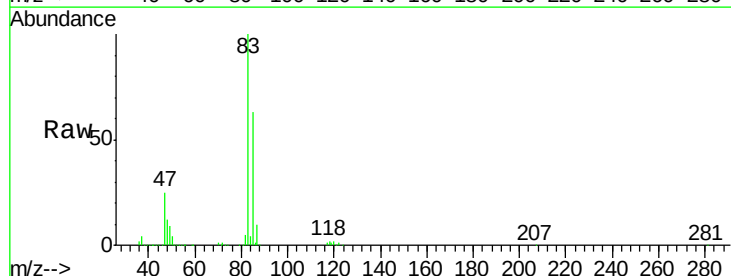
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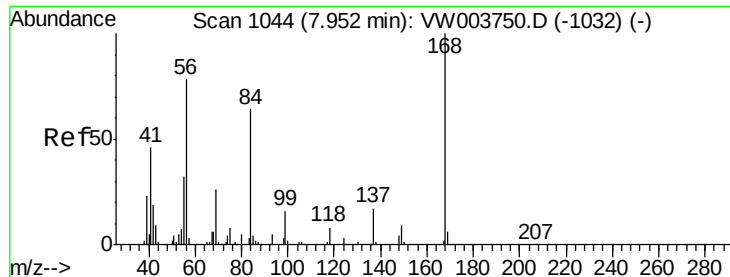
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#30
Chloroform
Concen: 45.025 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW003768.D
Acq: 09 Jul 2018 10:40

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.6	51.5	77.3





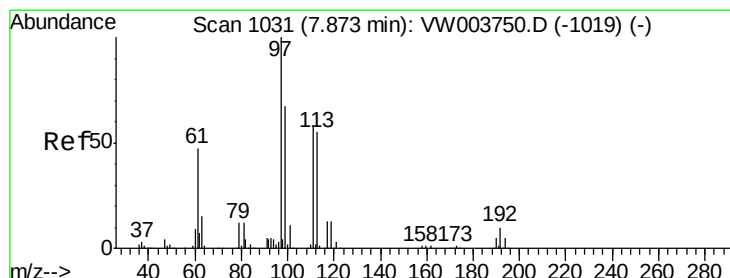
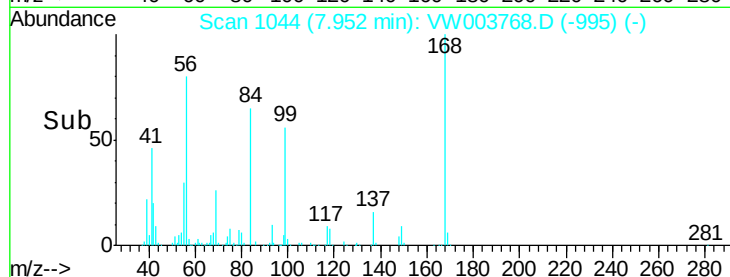
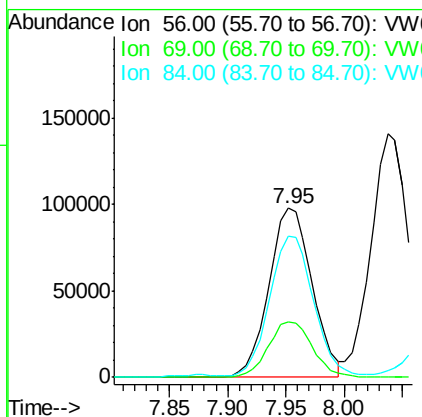
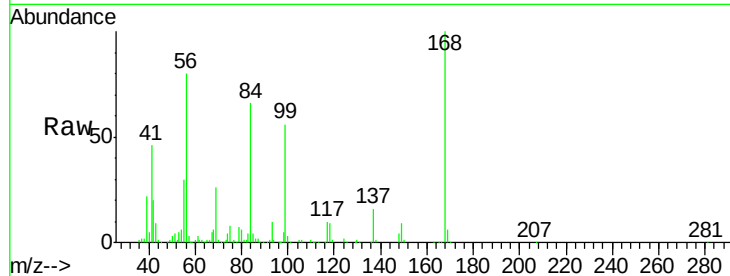
#31
Cyclohexane
Concen: 48.211 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VW003768.D
Acq: 09 Jul 2018 10:40

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.0	26.2	39.4
84	81.9	65.5	98.3

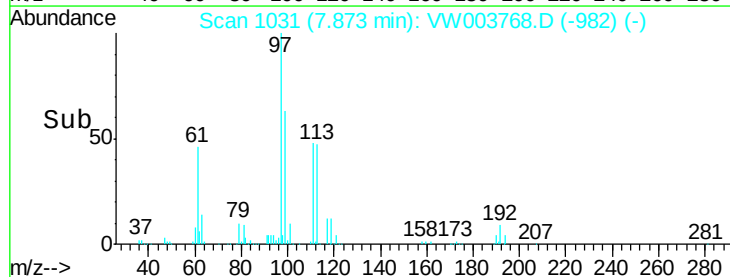
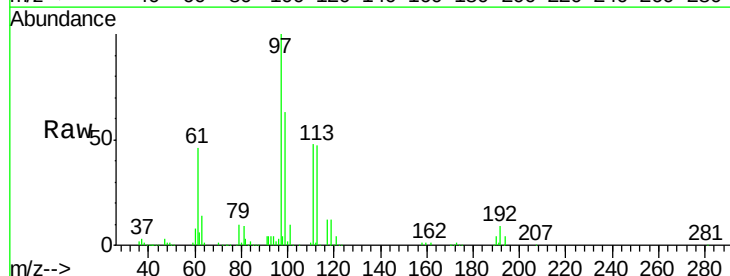
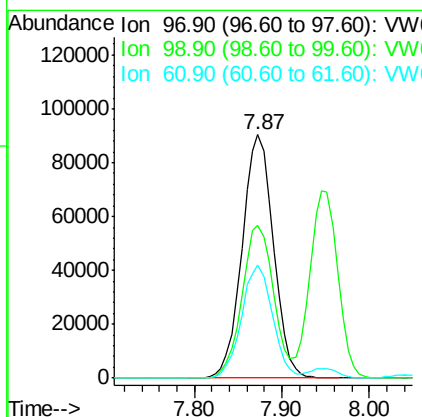
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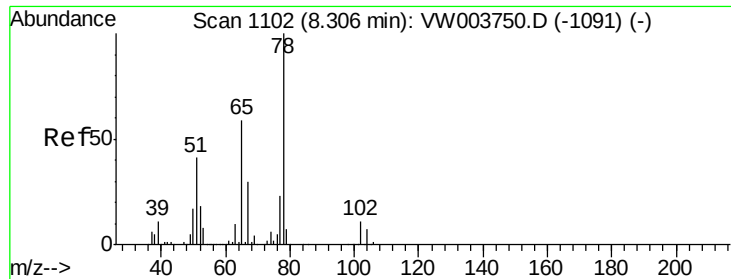
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#32
1,1,1-Trichloroethane
Concen: 48.732 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VW003768.D
Acq: 09 Jul 2018 10:40

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.4	51.2	76.8
61	46.0	37.6	56.4





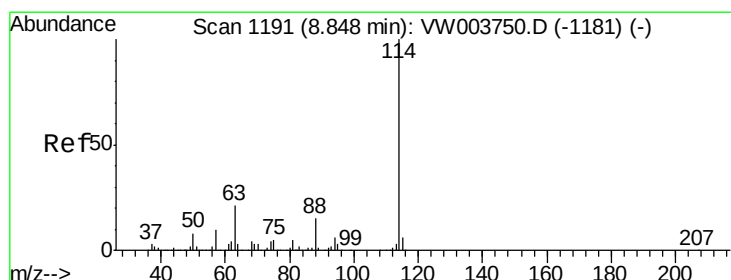
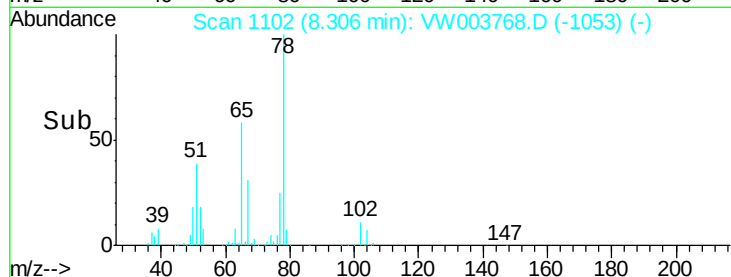
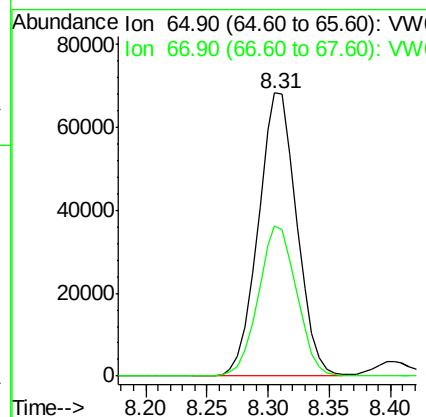
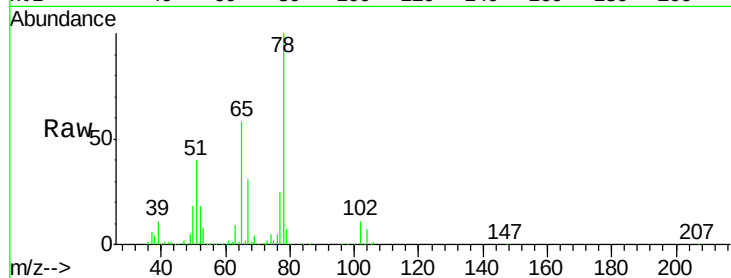
#33
 1,2-Dichloroethane-d4
 Concen: 41.867 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW003768.D
 Acq: 09 Jul 2018 10:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.9	0.0	103.8	

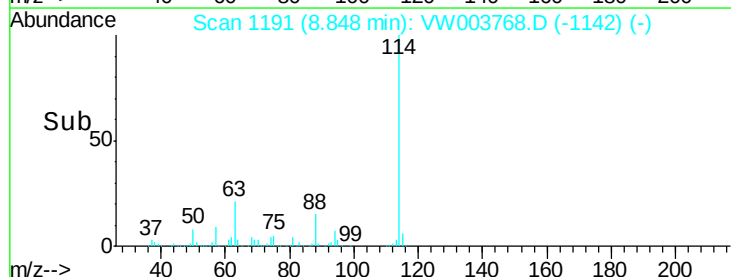
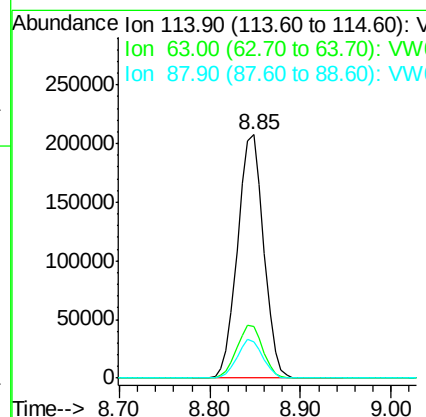
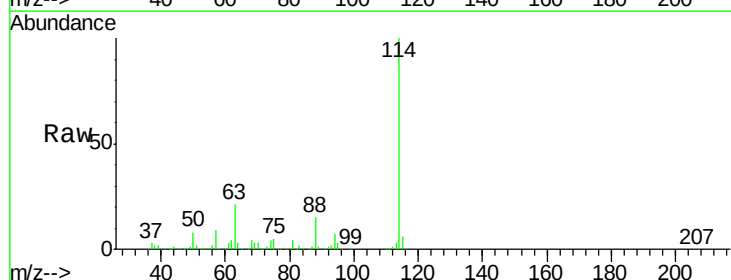
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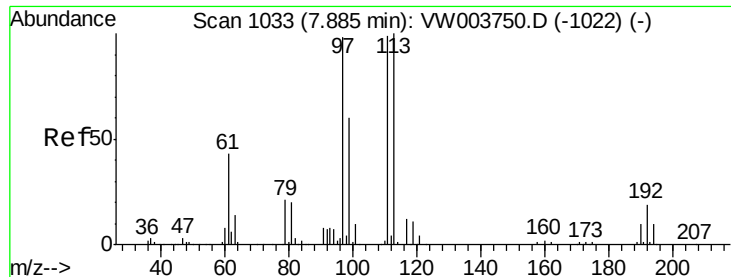
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW003768.D
 Acq: 09 Jul 2018 10:40

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	21.0	0.0	41.8	
88	15.0	0.0	30.2	





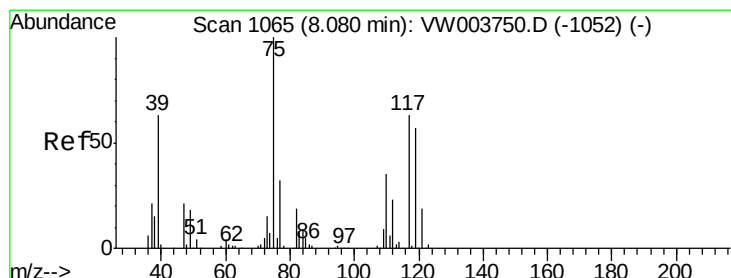
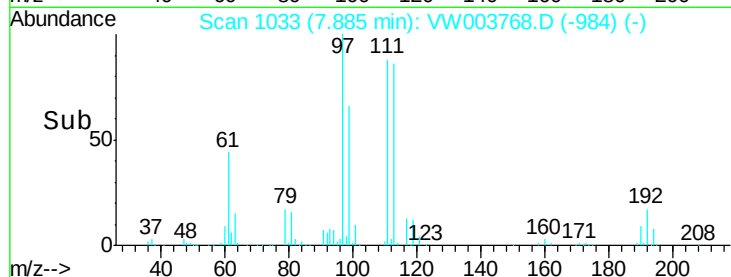
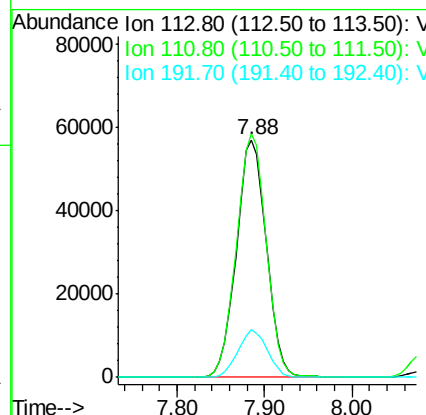
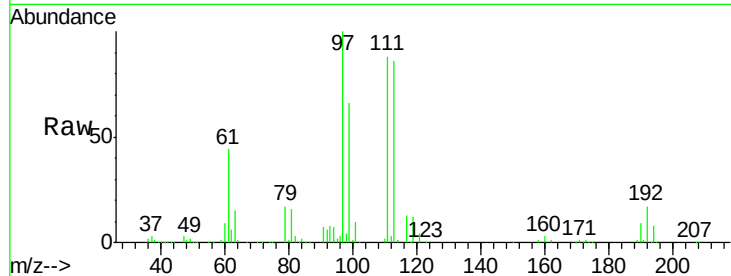
#35
 Dibromofluoromethane
 Concen: 46.865 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW003768.D
 Acq: 09 Jul 2018 10:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.7	122.5
192	19.7	15.8	23.8

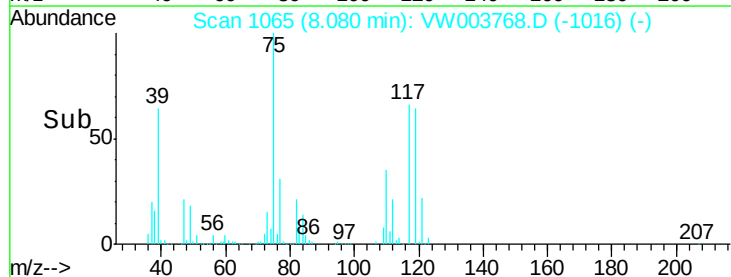
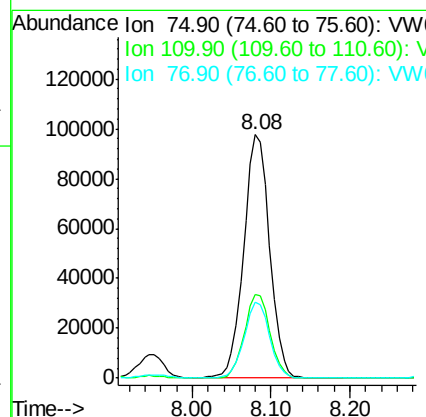
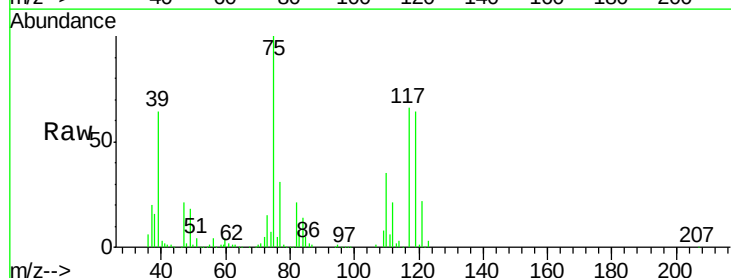
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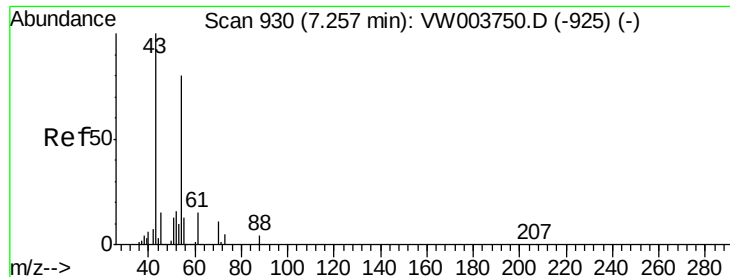
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#36
 1,1-Dichloropropene
 Concen: 50.764 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: VW003768.D
 Acq: 09 Jul 2018 10:40

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.1	16.9	50.6
77	31.0	24.8	37.2





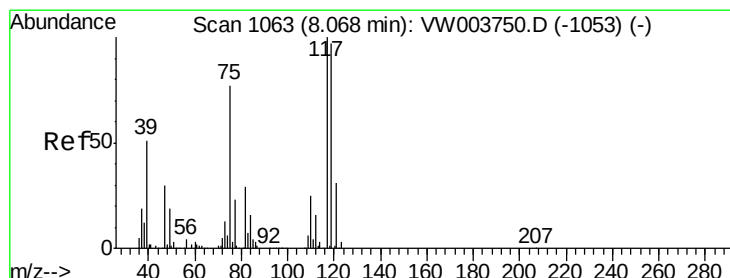
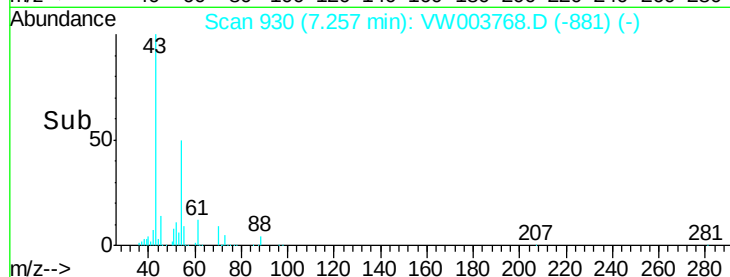
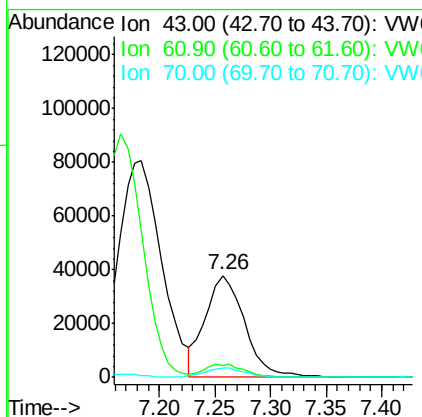
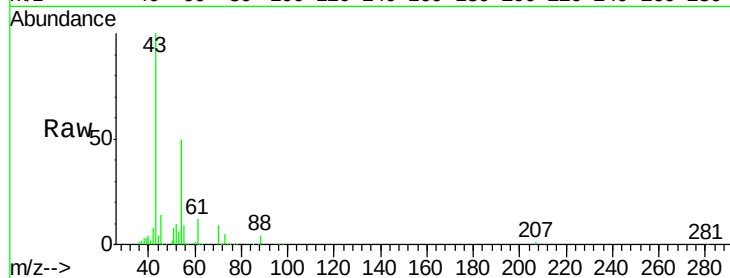
#37
Ethyl Acetate
Concen: 43.168 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.00 min
Lab File: VW003768.D
Acq: 09 Jul 2018 10:40

Instrument :
MSVOA_W
ClientSampleID :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.6	15.8
70	9.6	7.5	11.3

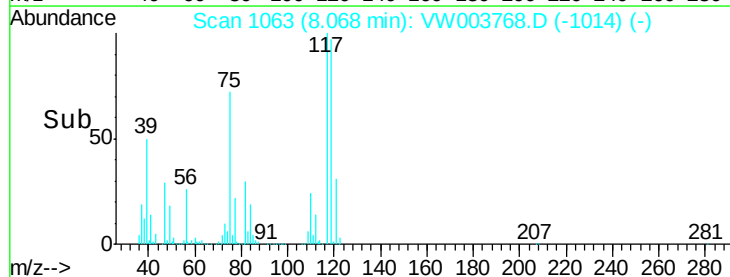
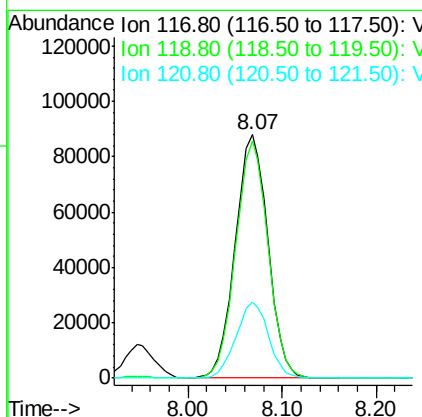
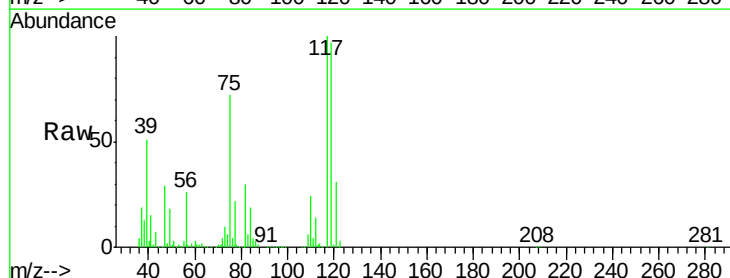
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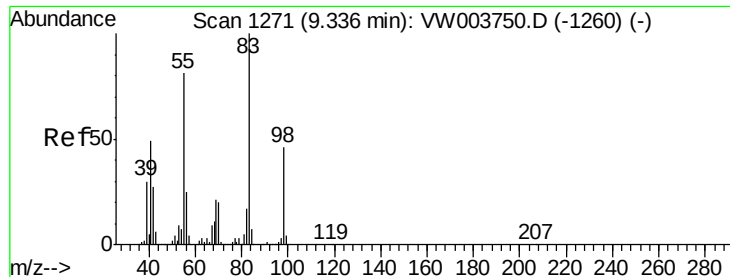
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#38
Carbon Tetrachloride
Concen: 50.979 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VW003768.D
Acq: 09 Jul 2018 10:40

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.2	77.4	116.2
121	31.2	24.6	37.0





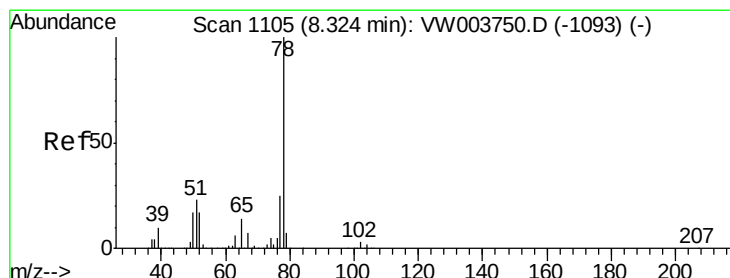
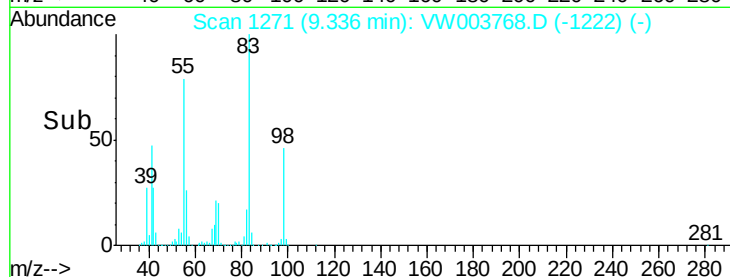
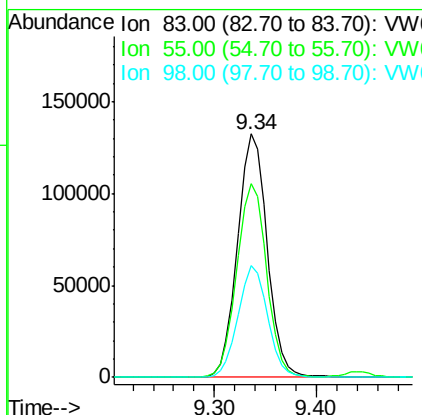
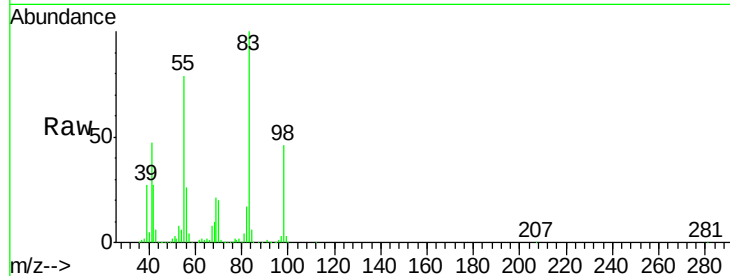
#39
Methylvlcyclohexane
Concen: 55.498 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW003768.D
Acq: 09 Jul 2018 10:40

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.4	65.1	97.7
98	46.0	36.7	55.1

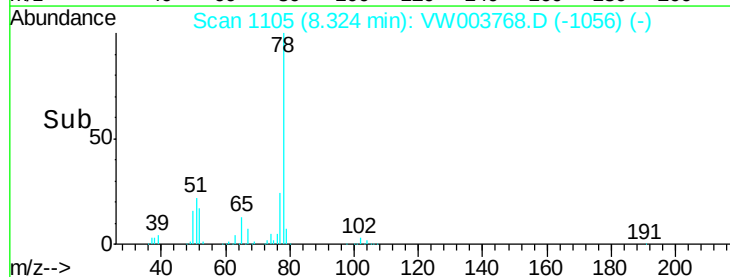
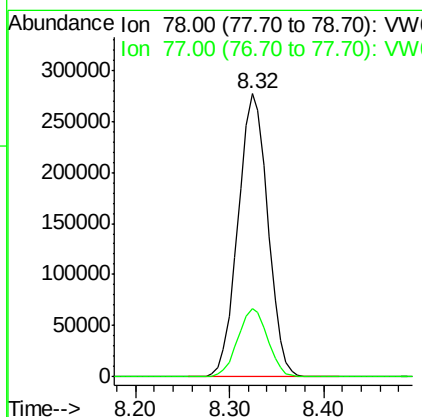
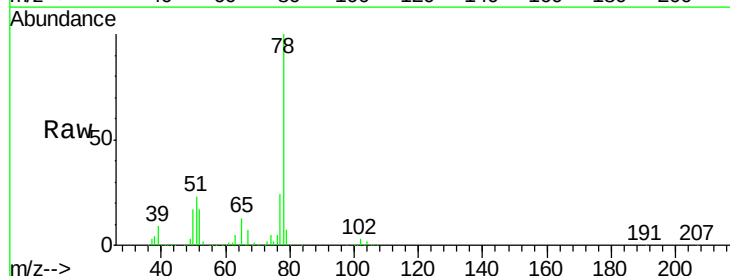
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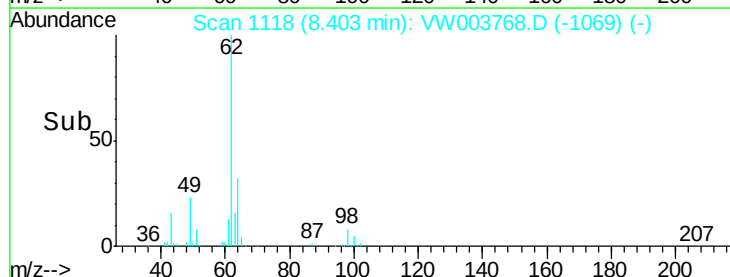
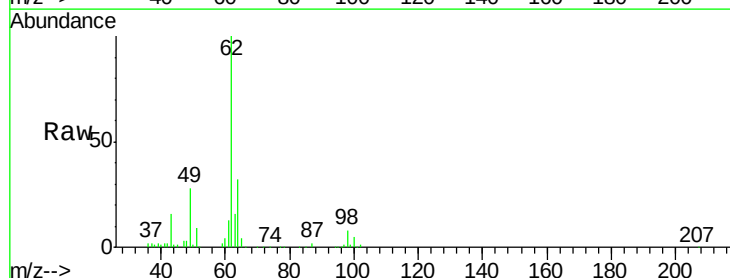
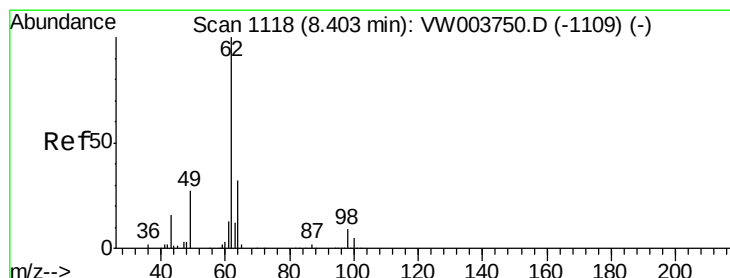
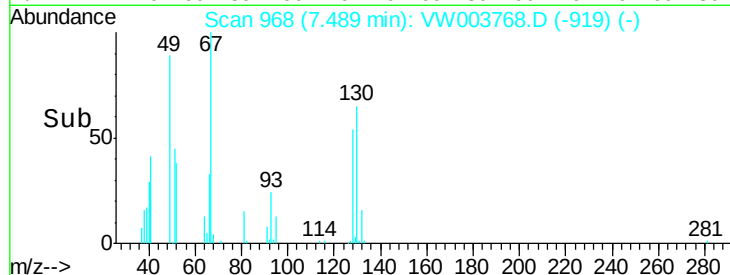
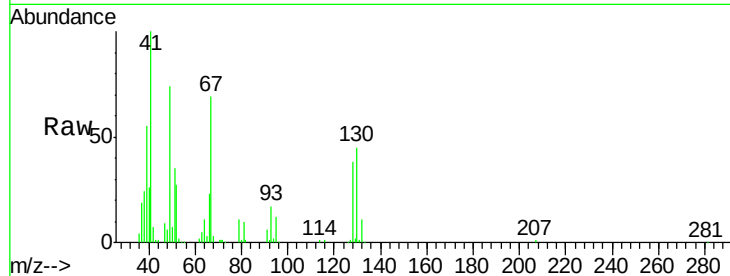
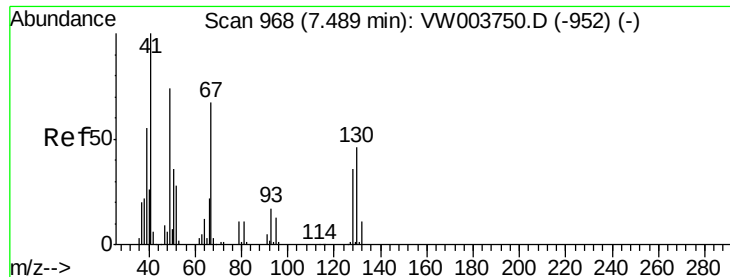
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#40
Benzene
Concen: 48.397 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW003768.D
Acq: 09 Jul 2018 10:40

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.7	29.5





#41

Methacrylonitrile

Concen: 44.573 ug/l

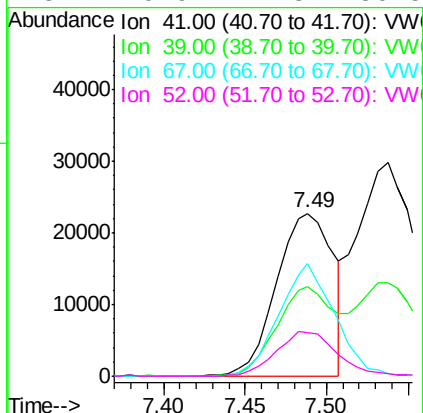
RT: 7.49 min Scan# 968

Delta R.T. -0.00 min

Lab File: VW003768.D

Acq: 09 Jul 2018 10:40

Tot Ion:	41	Resp:	54828
Ion	Ratio	Lower	Upper
41	100		
39	54.4	49.5	74.3
67	68.1	53.8	80.8
52	29.9	24.3	36.5



Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

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#42

1,2-Dichloroethane

Concen: 44.498 ug/l

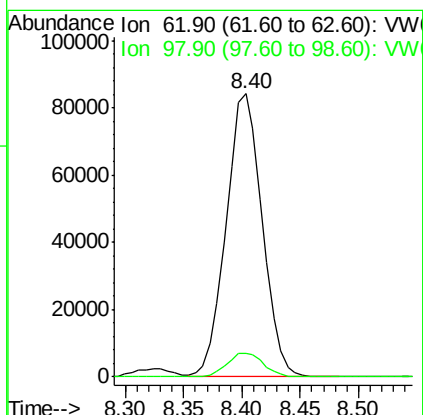
RT: 8.40 min Scan# 1118

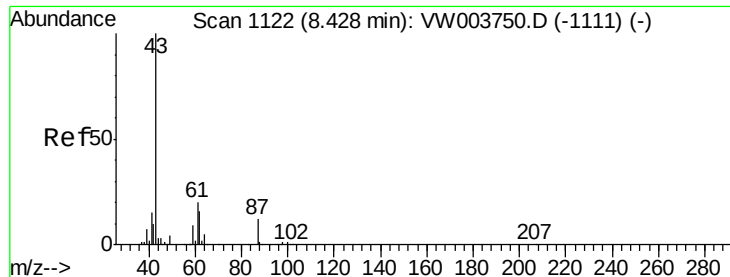
Delta R.T. -0.00 min

Lab File: VW003768.D

Acq: 09 Jul 2018 10:40

Tgt Ion:	62	Resp:	180941
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	16.4





#43

Isopropyl Acetate

Concen: 43.409 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.00 min

Lab File: VW003768.D

Acq: 09 Jul 2018 10:40

Instrument :

MSVOA_W

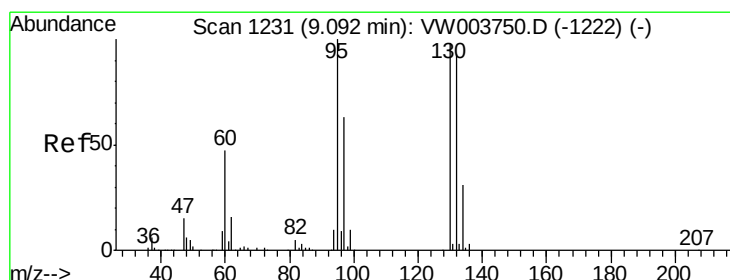
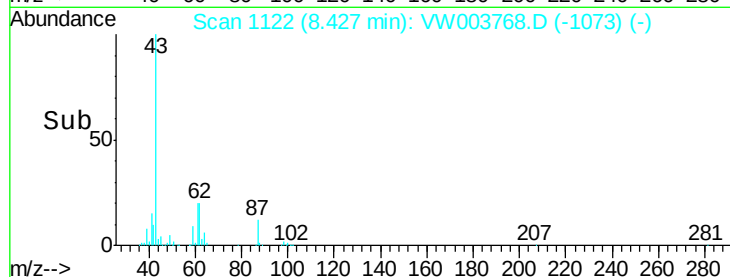
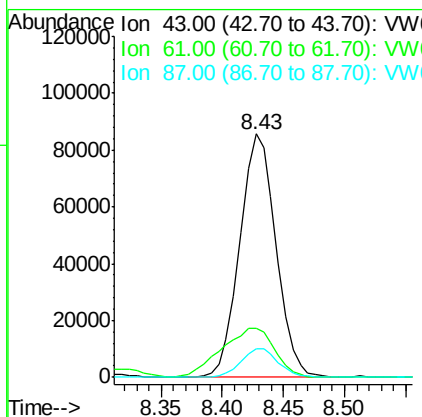
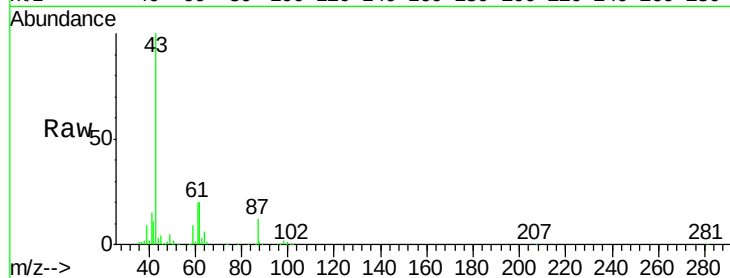
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	175929
Ion	Ratio	Lower	Upper
43	100		
61	29.7	22.8	34.2
87	12.2	9.5	14.3

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#44

Trichloroethene

Concen: 49.978 ug/l

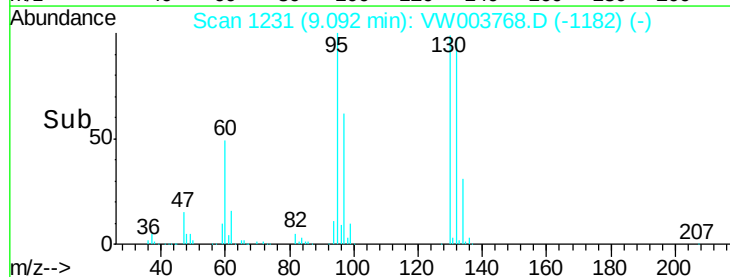
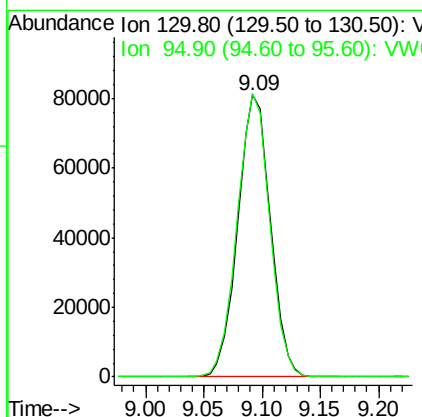
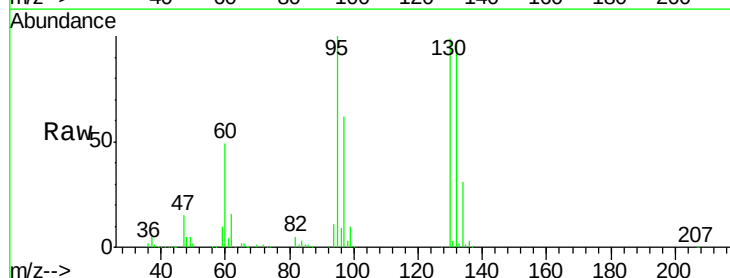
RT: 9.09 min Scan# 1231

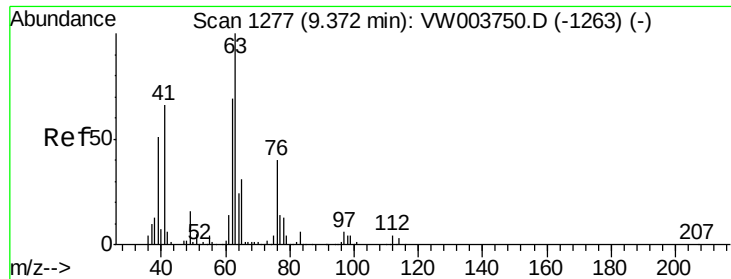
Delta R.T. -0.00 min

Lab File: VW003768.D

Acq: 09 Jul 2018 10:40

Tgt Ion:	130	Resp:	158303
Ion	Ratio	Lower	Upper
130	100		
95	100.5	0.0	203.8





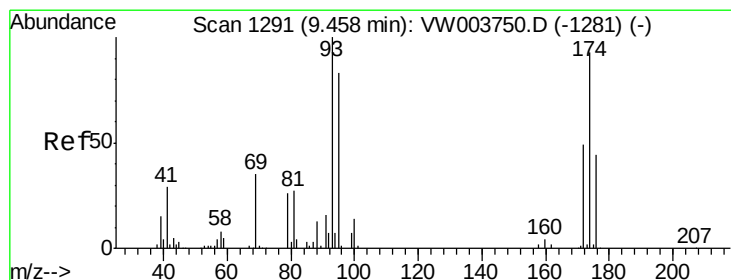
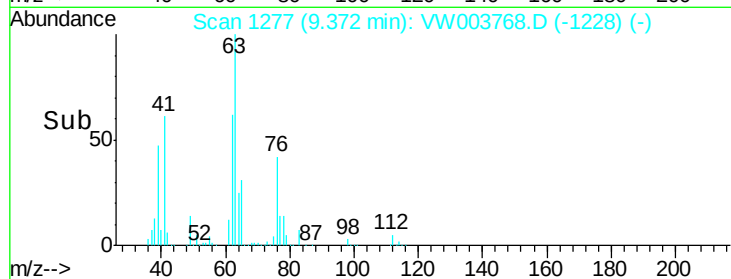
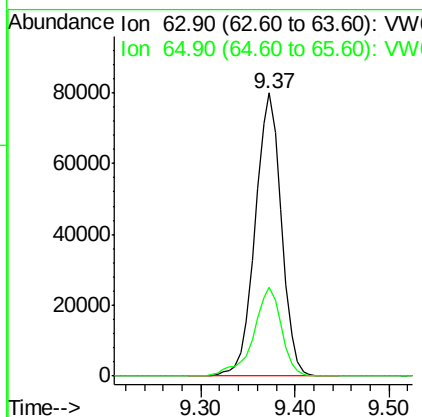
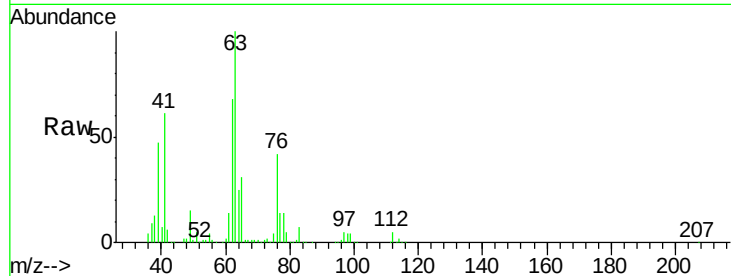
#45
 1,2-Dichloropropane
 Concen: 47.483 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW003768.D
 Acq: 09 Jul 2018 10:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 155118
 Ion Ratio Lower Upper
 63 100
 65 31.4 24.9 37.3

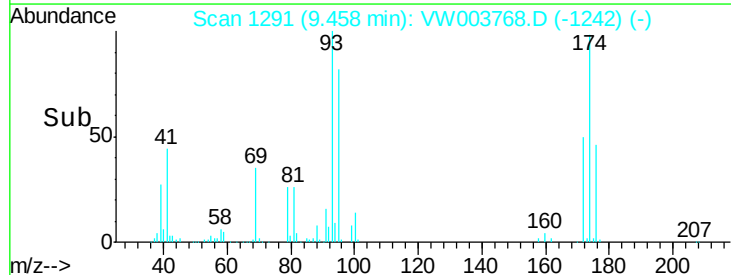
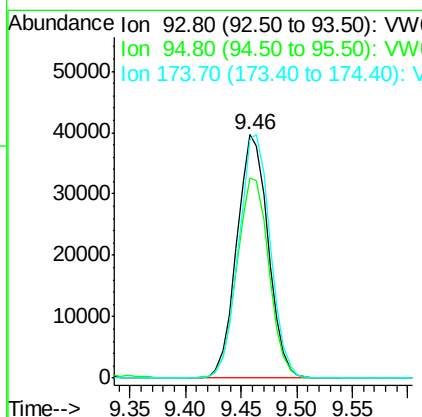
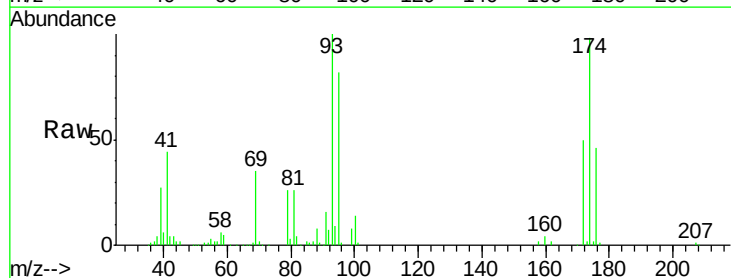
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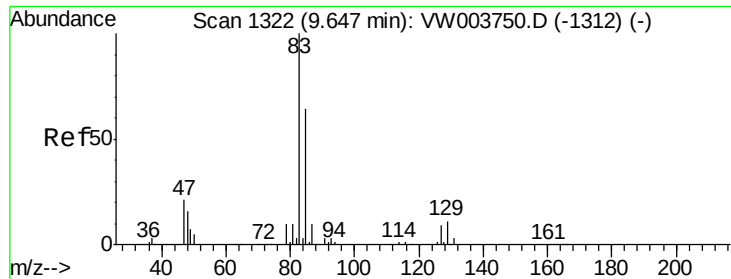
apatel
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#46
 Dibromomethane
 Concen: 45.018 ug/l
 RT: 9.46 min Scan# 1291
 Delta R.T. -0.00 min
 Lab File: VW003768.D
 Acq: 09 Jul 2018 10:40

Tgt Ion: 93 Resp: 77329
 Ion Ratio Lower Upper
 93 100
 95 84.1 67.2 100.8
 174 100.8 78.1 117.1





#47

Bromodichloromethane

Concen: 47.177 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW003768.D

Acq: 09 Jul 2018 10:40

Instrument :

MSVOA_W

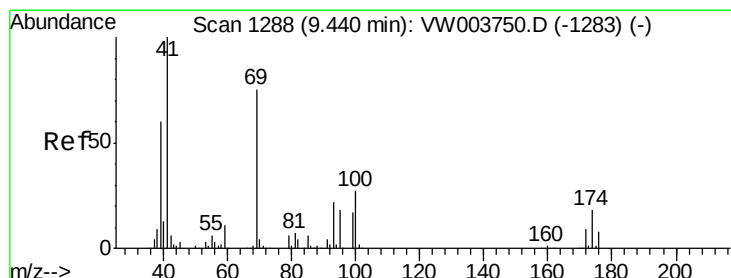
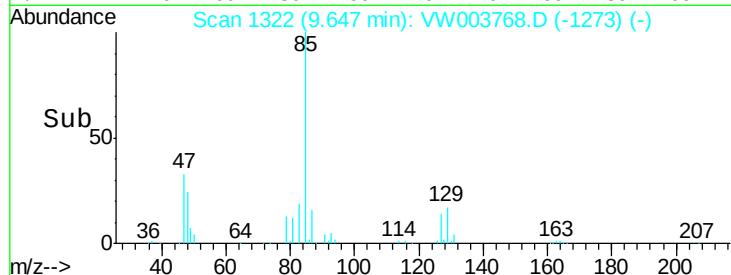
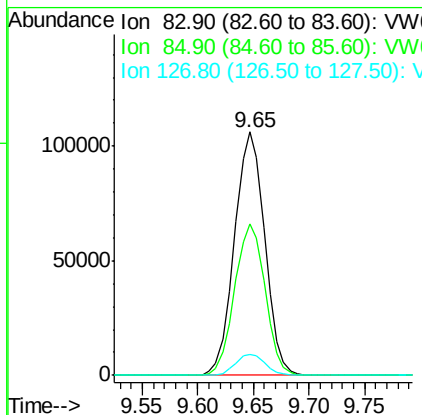
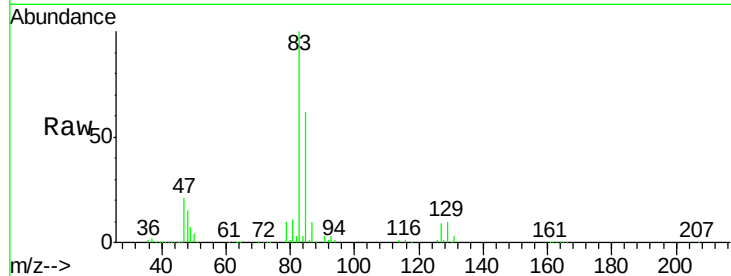
ClientSampled :

VSTDCCC050

Tot Ion:	83	Resp:	199361
Ion Ratio	Lower	Upper	
83	100		
85	62.2	51.4	77.0
127	8.7	6.8	10.2

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#48

Methyl methacrylate

Concen: 45.128 ug/l

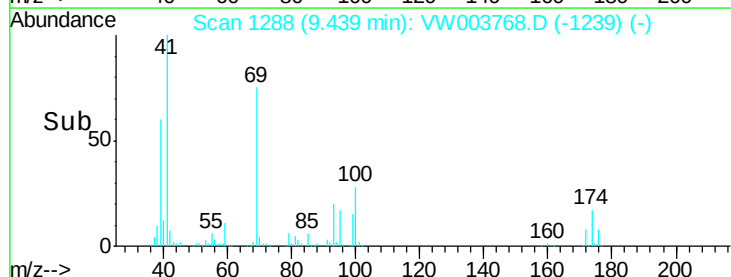
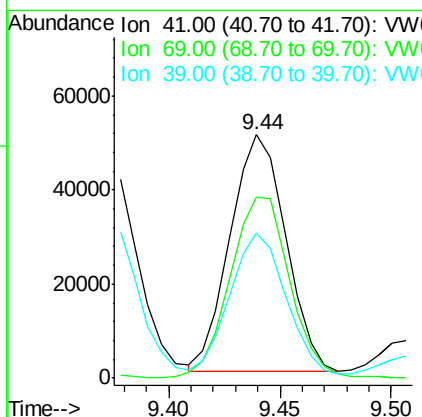
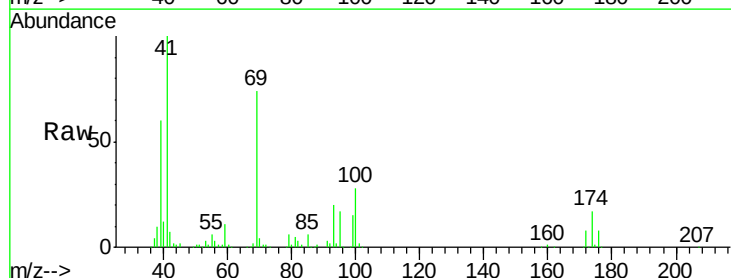
RT: 9.44 min Scan# 1288

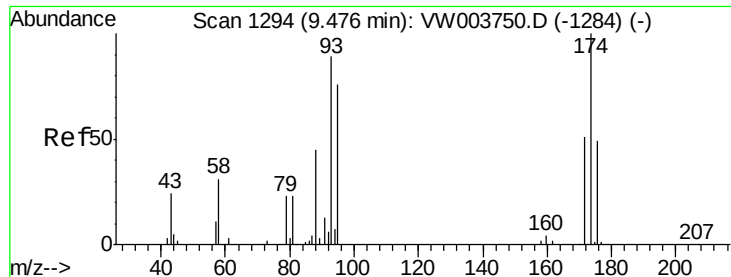
Delta R.T. -0.00 min

Lab File: VW003768.D

Acq: 09 Jul 2018 10:40

Tgt Ion:	41	Resp:	87102
Ion Ratio	Lower	Upper	
41	100		
69	83.0	63.8	95.8
39	59.3	50.2	75.2





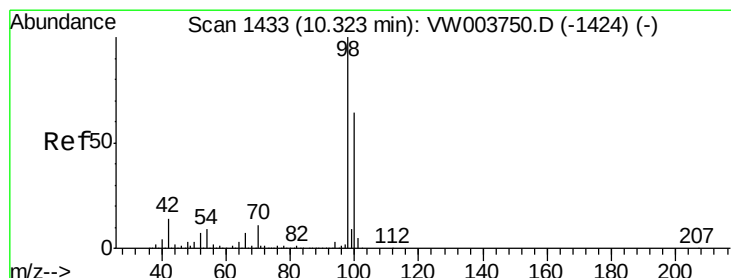
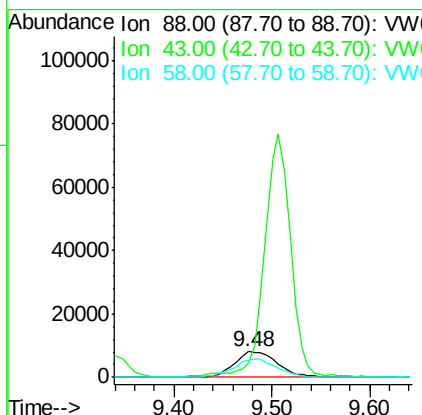
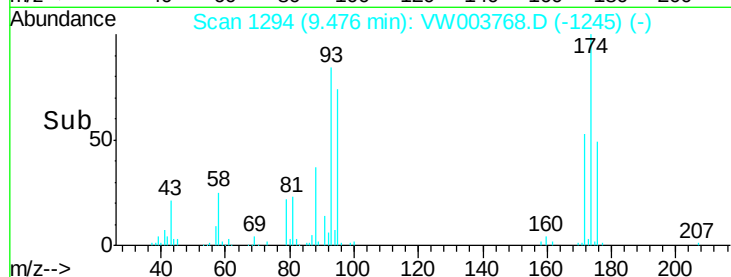
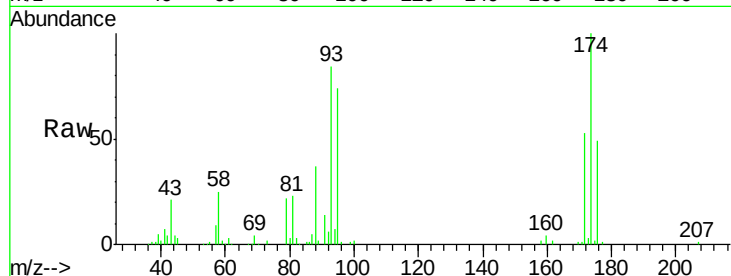
#49
1,4-Dioxane
Concen: 962.153 ug/l
RT: 9.48 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VW003768.D
Acq: 09 Jul 2018 10:40

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	24701
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	74.2	59.7	89.5

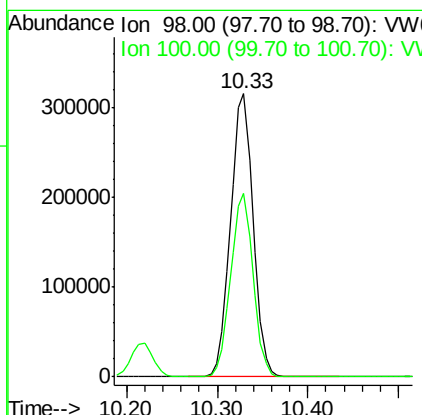
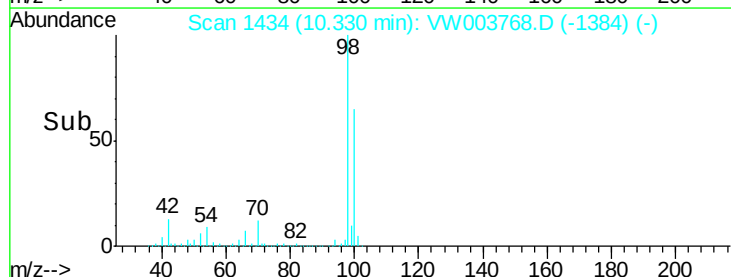
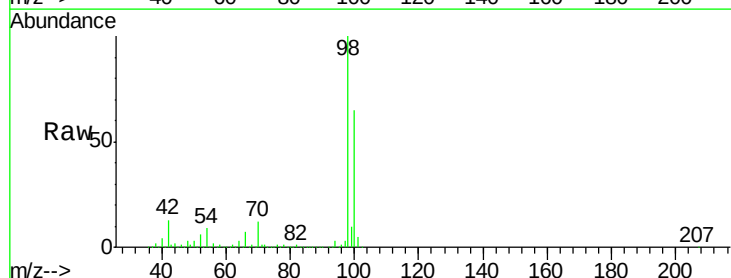
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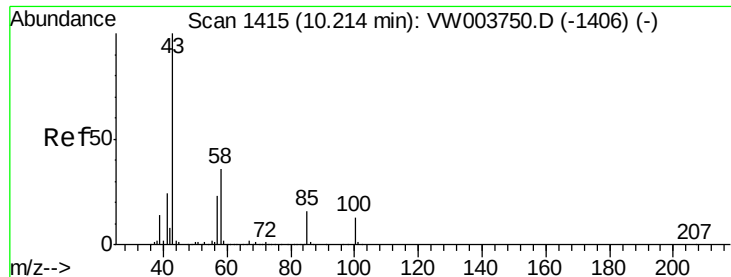
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#50
Toluene-d8
Concen: 49.067 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.01 min
Lab File: VW003768.D
Acq: 09 Jul 2018 10:40

Tgt Ion	98	Resp	544089
Ion	Ratio	Lower	Upper
98	100		
100	64.1	50.8	76.2





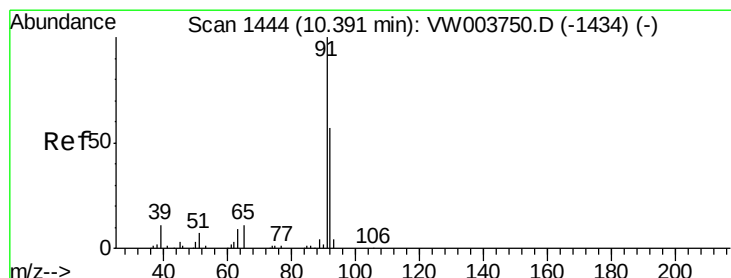
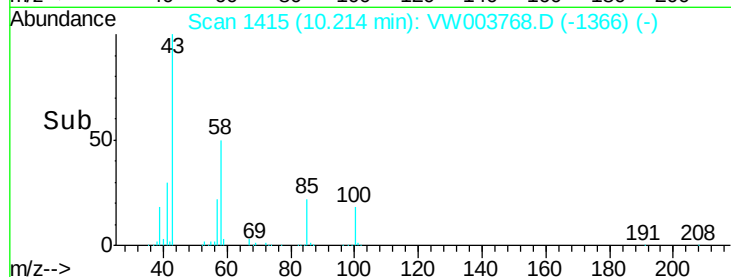
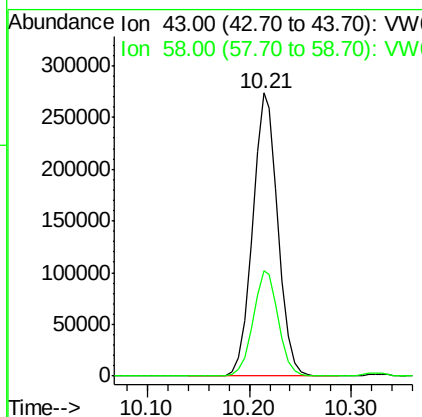
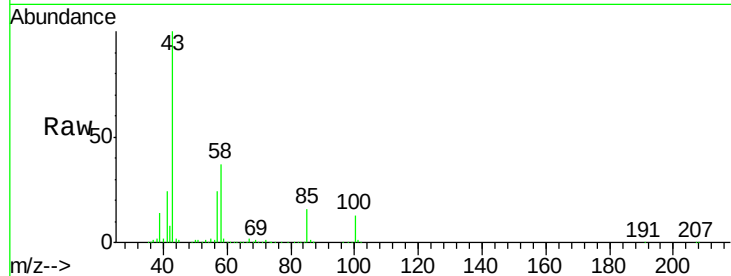
#51
 4-Methyl-2-Pentanone
 Concen: 224.411 ug/l
 RT: 10.21 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VW003768.D
 Acq: 09 Jul 2018 10:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 470638
 Ion Ratio Lower Upper
 43 100
 58 37.2 29.3 43.9

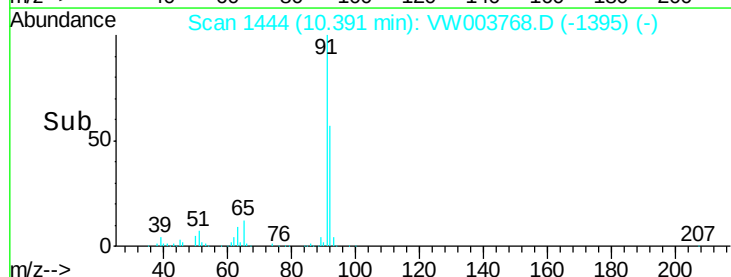
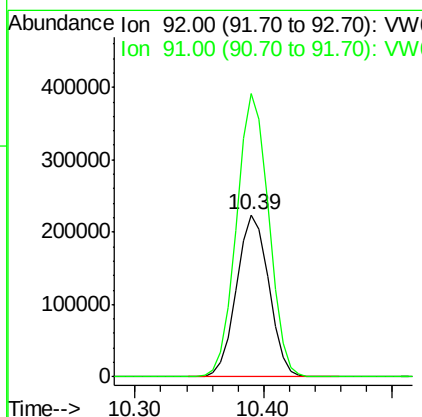
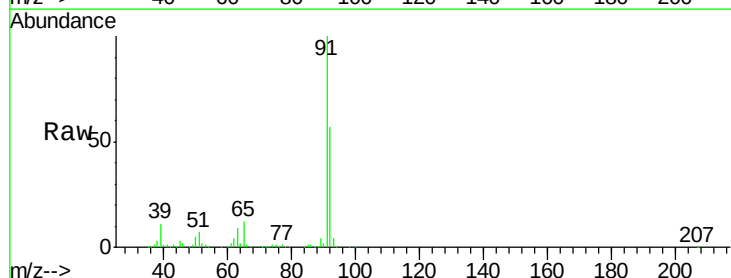
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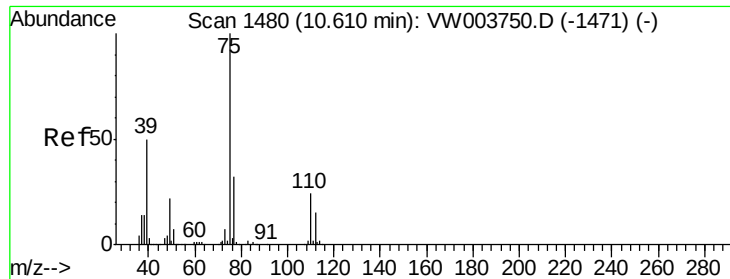
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#52
 Toluene
 Concen: 49.859 ug/l
 RT: 10.39 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: VW003768.D
 Acq: 09 Jul 2018 10:40

Tgt Ion: 92 Resp: 388441
 Ion Ratio Lower Upper
 92 100
 91 174.1 140.6 211.0





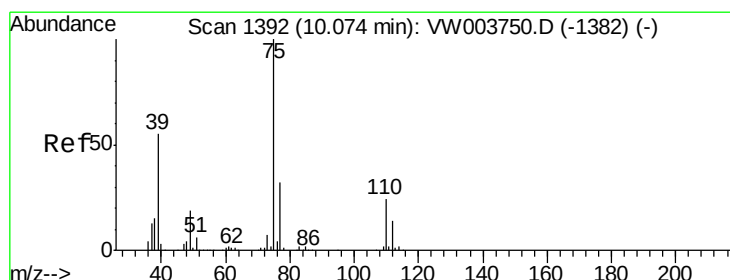
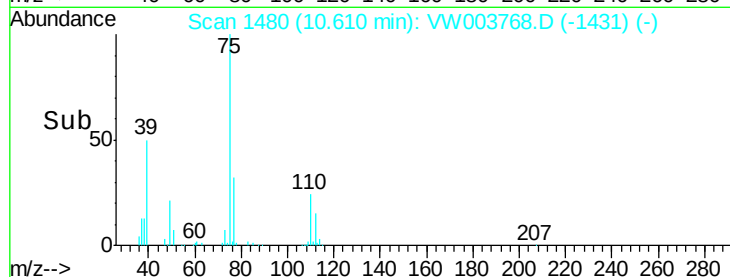
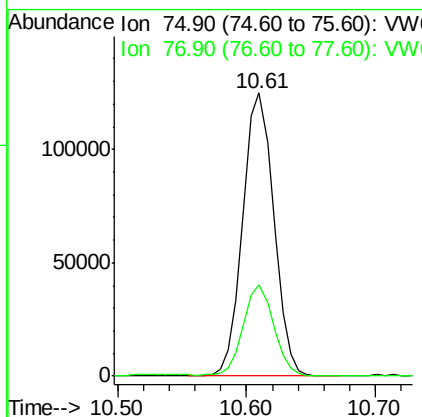
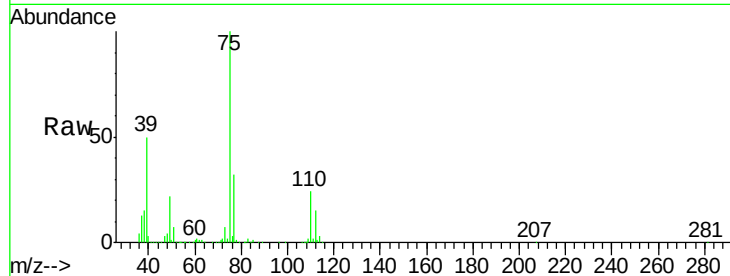
#53
t-1,3-Dichloropropene
Concen: 49.263 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. -0.00 min
Lab File: VW003768.D
Acq: 09 Jul 2018 10:40

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.5	38.3

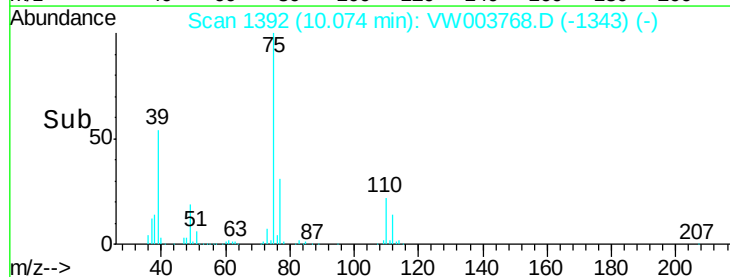
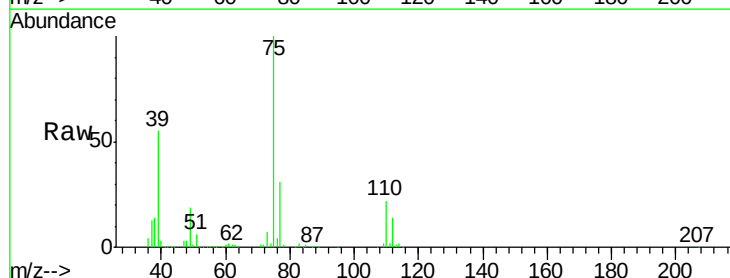
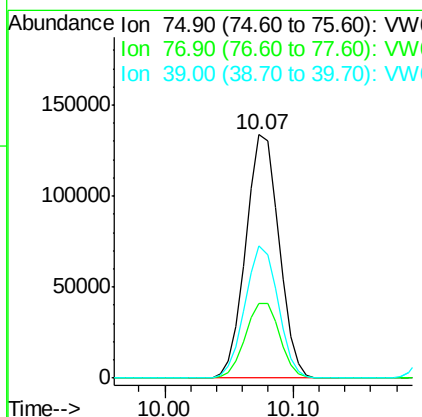
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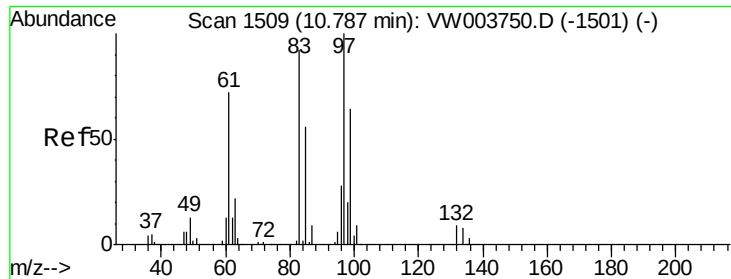
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#54
cis-1,3-Dichloropropene
Concen: 50.159 ug/l
RT: 10.07 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW003768.D
Acq: 09 Jul 2018 10:40

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.7	25.6	38.4
39	54.4	43.6	65.4





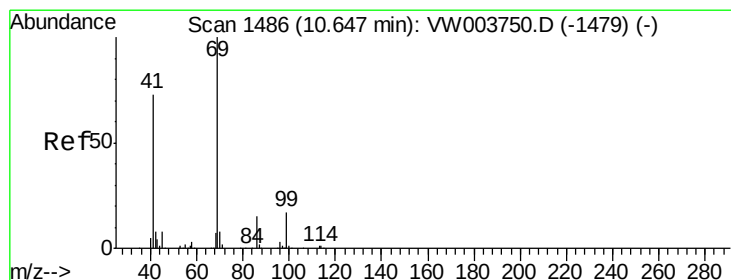
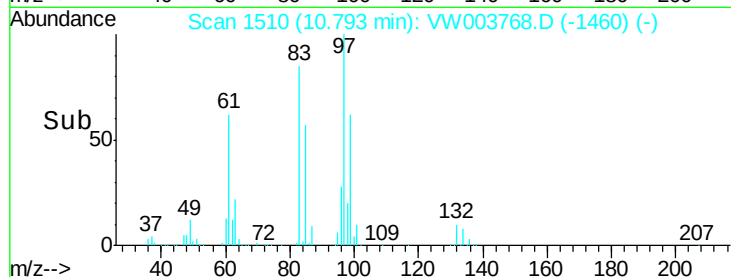
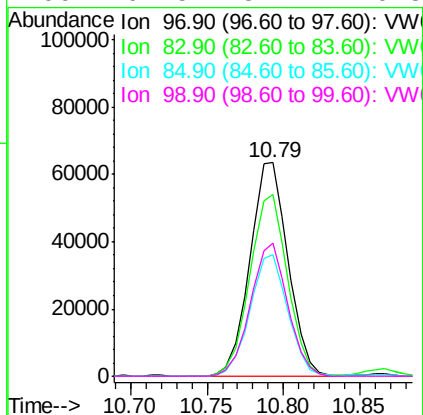
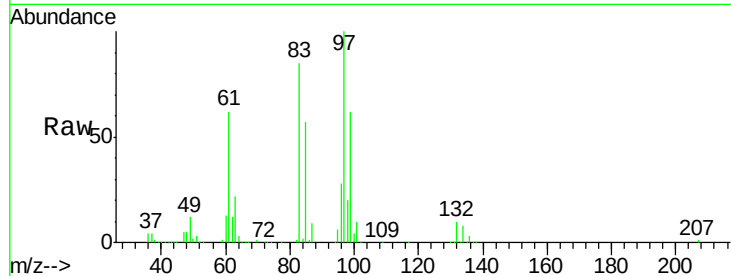
#55
 1,1,2-Trichloroethane
 Concen: 46.114 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.01 min
 Lab File: VW003768.D
 Acq: 09 Jul 2018 10:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	110014
Ion	Ratio	Lower	Upper
97	100		
83	85.3	73.8	110.6
85	57.0	45.0	67.4
99	62.5	51.2	76.8

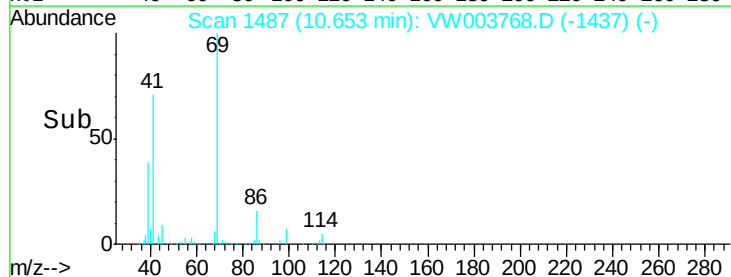
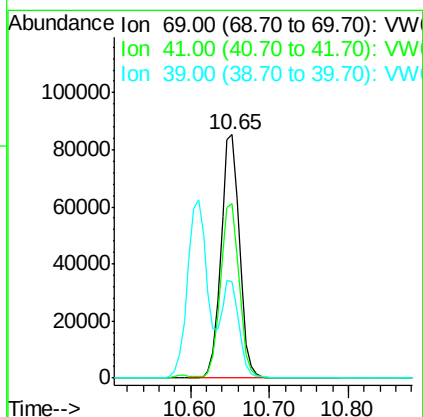
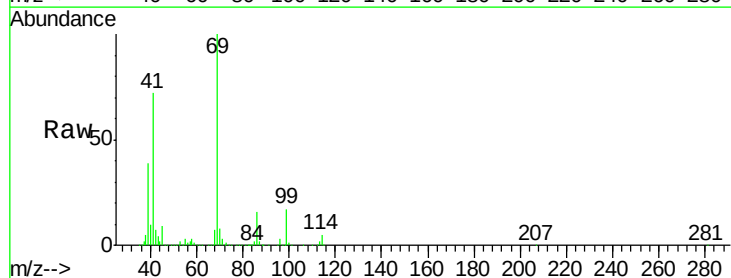
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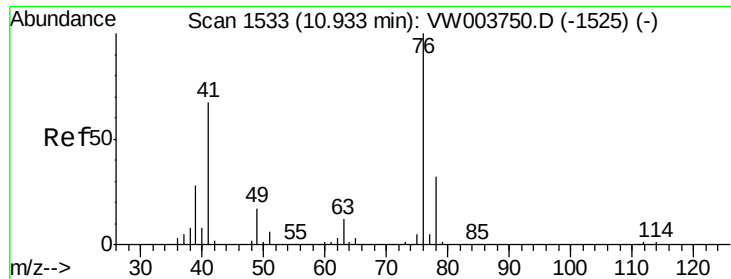
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#56
 Ethyl methacrylate
 Concen: 47.753 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: VW003768.D
 Acq: 09 Jul 2018 10:40

Tgt Ion:	69	Resp:	139025
Ion	Ratio	Lower	Upper
69	100		
41	71.7	59.0	88.4
39	35.4	32.8	49.2





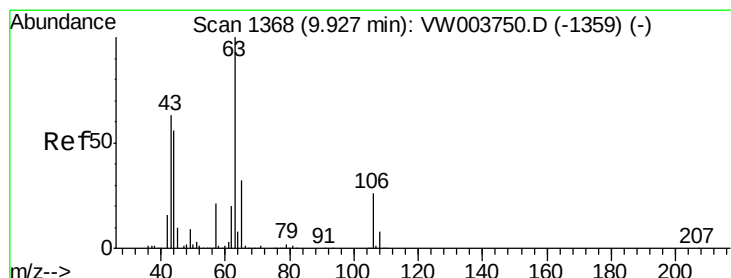
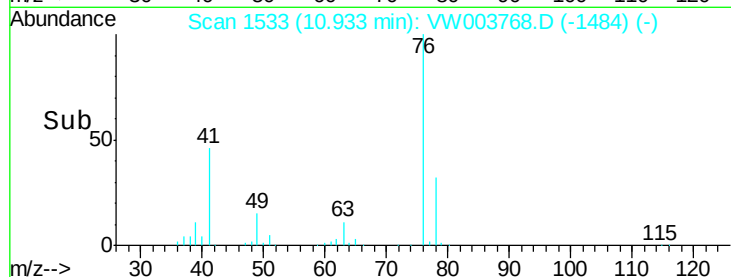
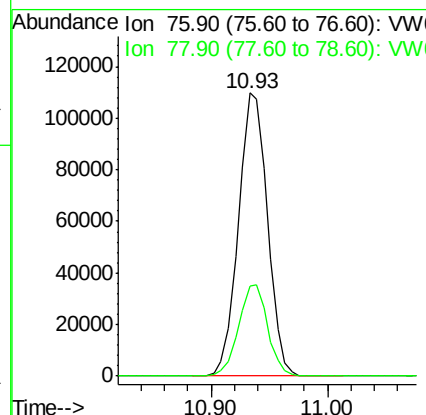
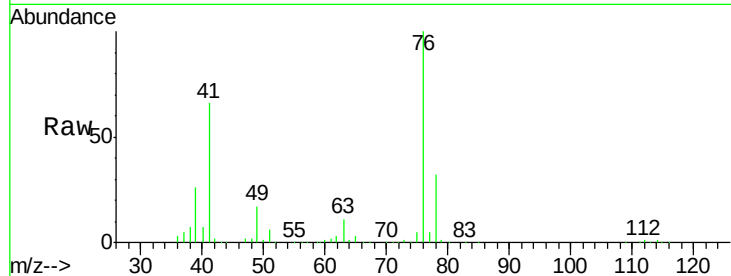
#57
 1,3-Dichloropropane
 Concen: 45.848 ug/l
 RT: 10.93 min Scan# 1533
 Delta R.T. -0.00 min
 Lab File: VW003768.D
 Acq: 09 Jul 2018 10:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.6	38.4

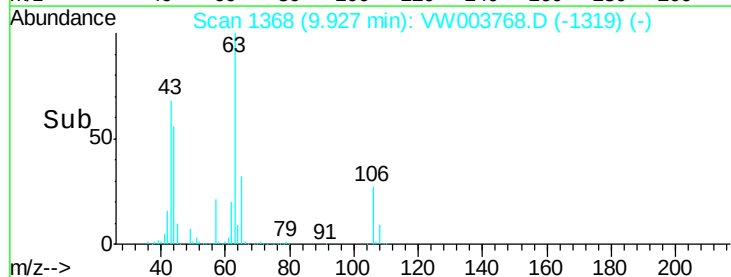
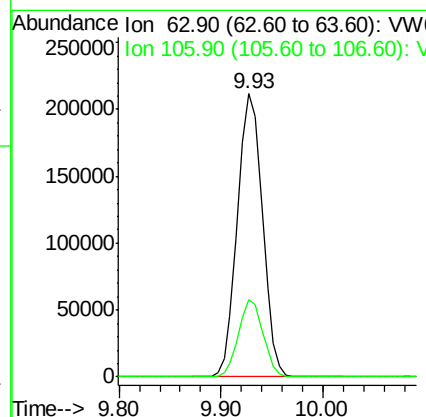
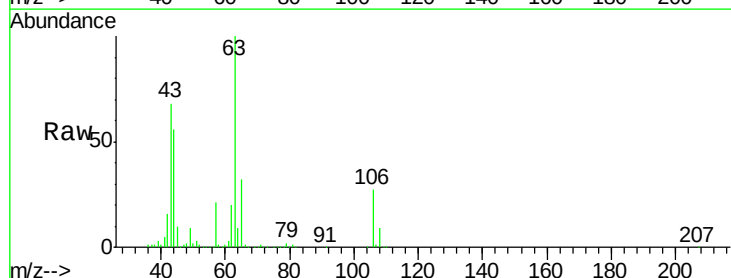
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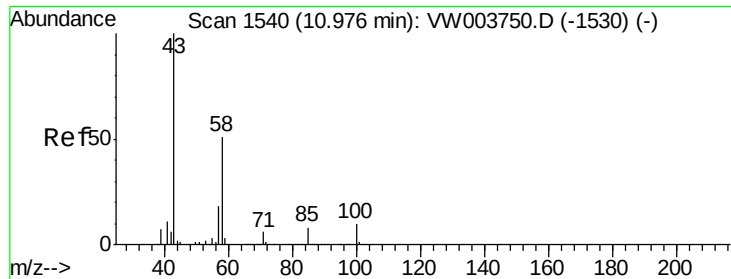
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#58
 2-Chloroethyl Vinyl ether
 Concen: 235.513 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VW003768.D
 Acq: 09 Jul 2018 10:40

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.6	20.9	31.3





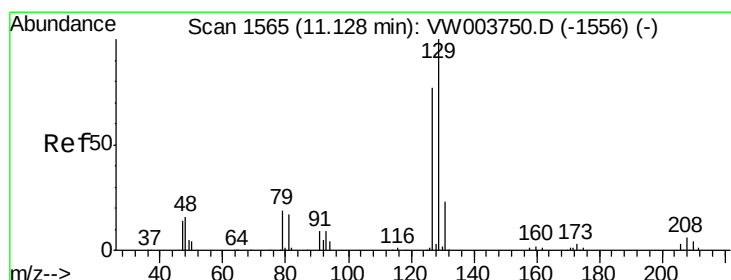
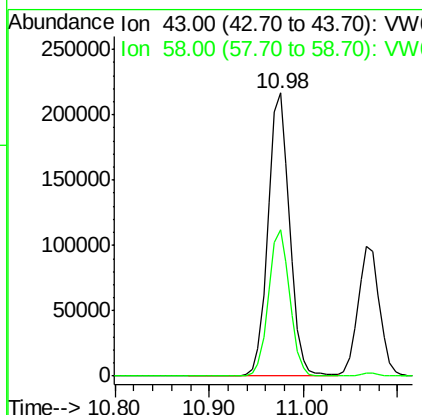
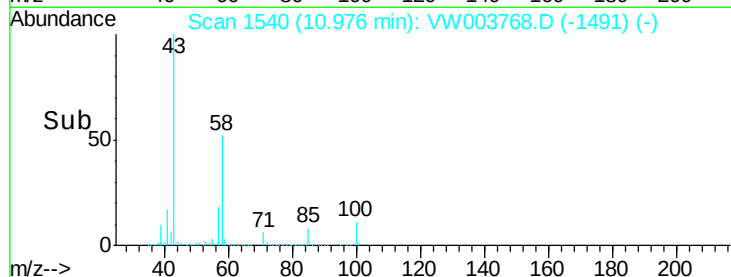
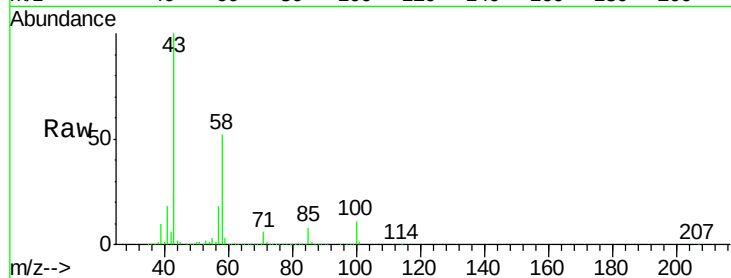
#59
2-Hexanone
Concen: 241.650 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW003768.D
Acq: 09 Jul 2018 10:40

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 348007
Ion Ratio Lower Upper
43 100
58 51.0 25.4 76.2

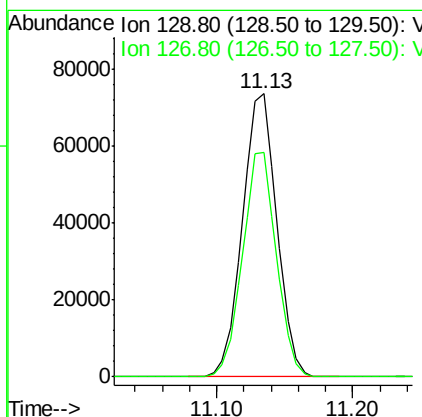
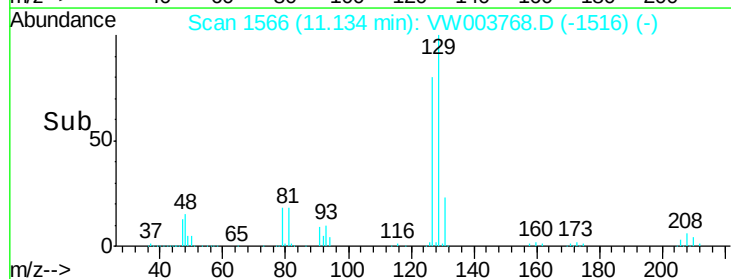
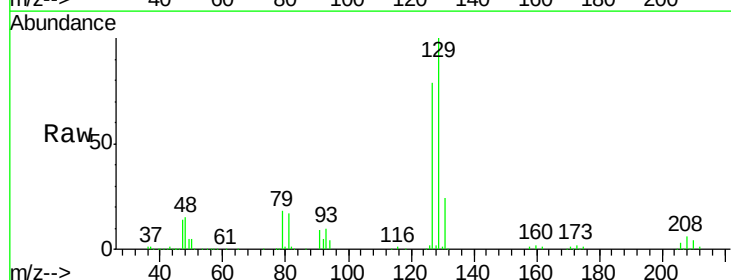
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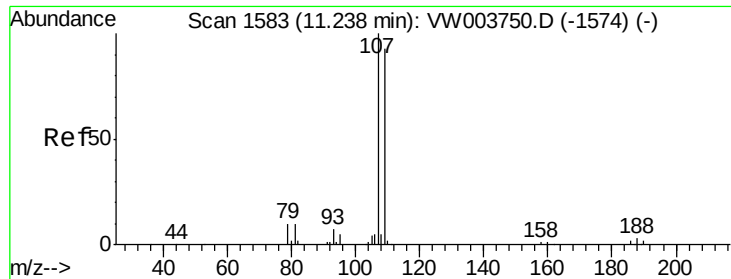
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#60
Dibromochloromethane
Concen: 46.762 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VW003768.D
Acq: 09 Jul 2018 10:40

Tgt Ion: 129 Resp: 130229
Ion Ratio Lower Upper
129 100
127 78.1 38.9 116.6





#61

1,2-Dibromoethane

Concen: 45.656 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VW003768.D

Acq: 09 Jul 2018 10:40

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 104165

Ion Ratio Lower Upper

107 100

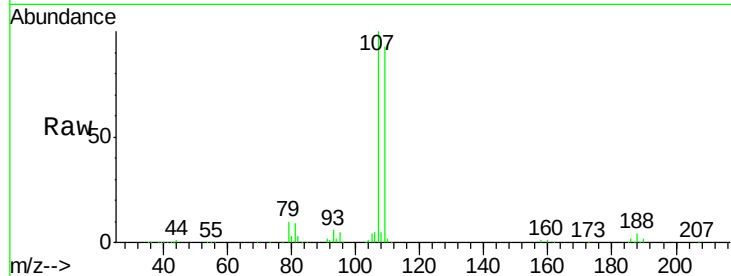
109 94.2 75.1 112.7

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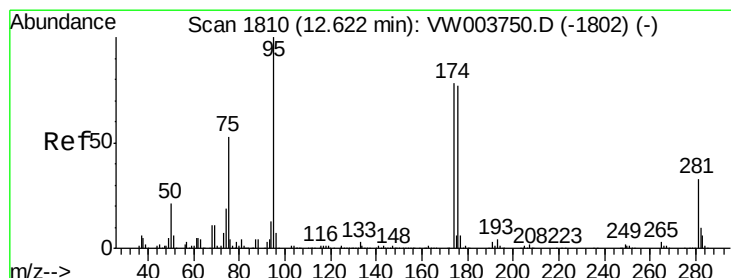
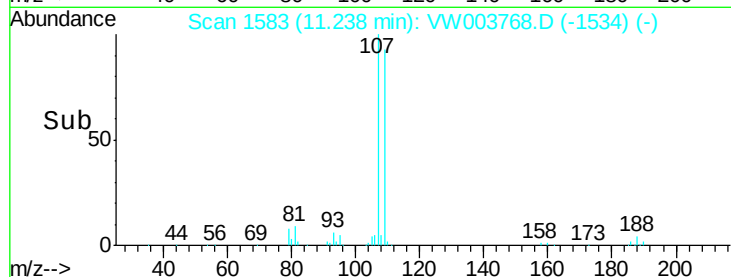
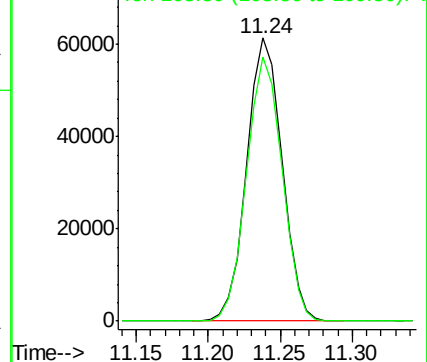
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.963 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW003768.D

Acq: 09 Jul 2018 10:40

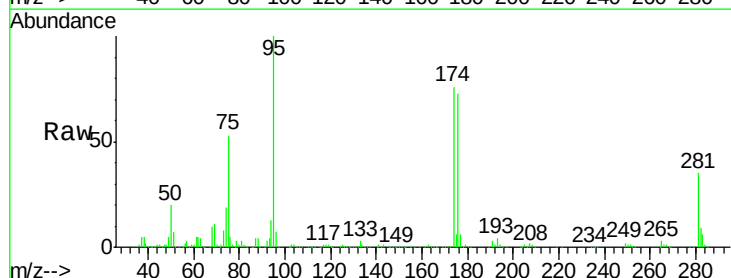
Tgt Ion: 95 Resp: 192431

Ion Ratio Lower Upper

95 100

174 81.6 0.0 163.4

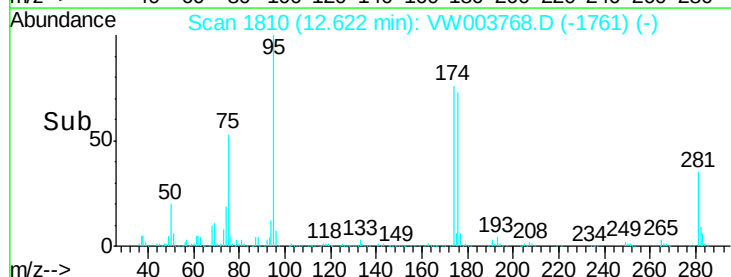
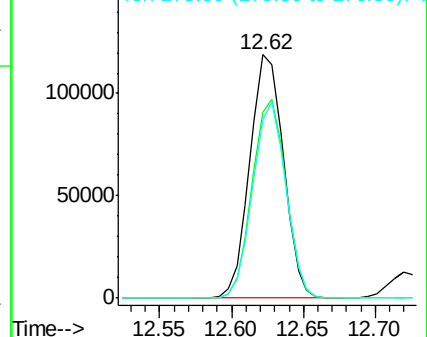
176 79.1 0.0 156.8

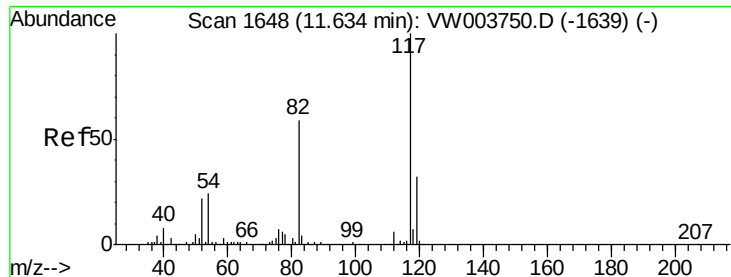


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





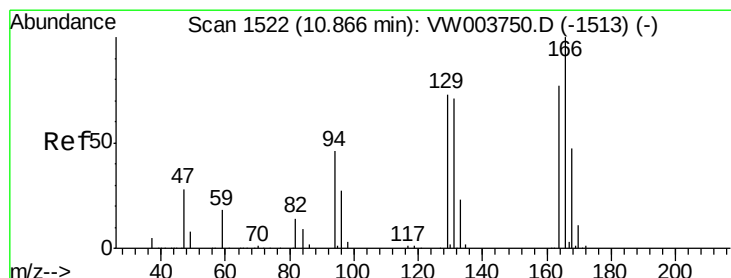
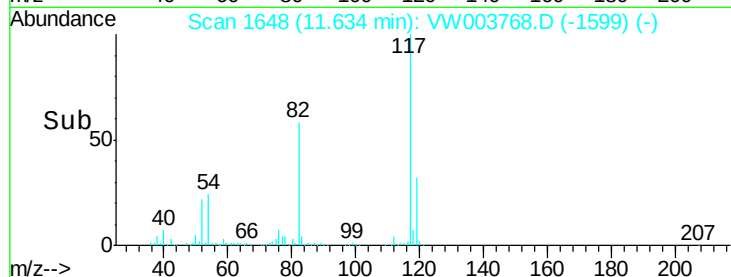
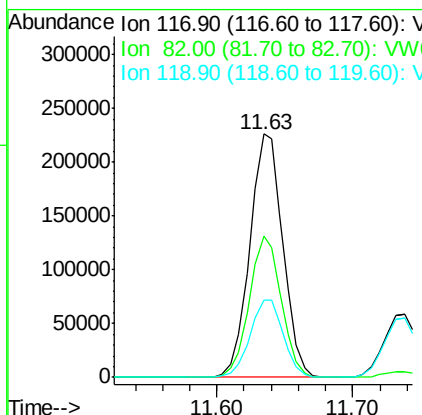
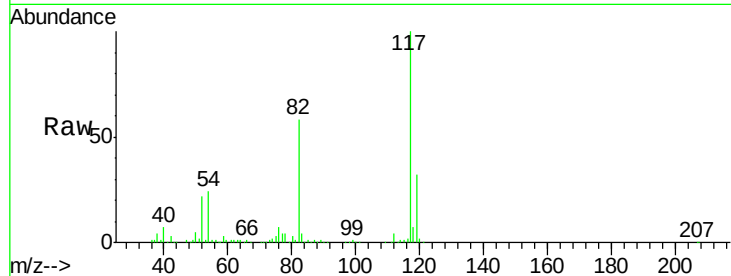
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003768.D
Acq: 09 Jul 2018 10:40

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.9	46.9	70.3
119	31.6	25.5	38.3

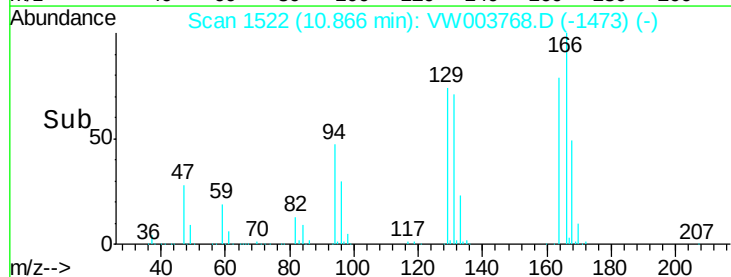
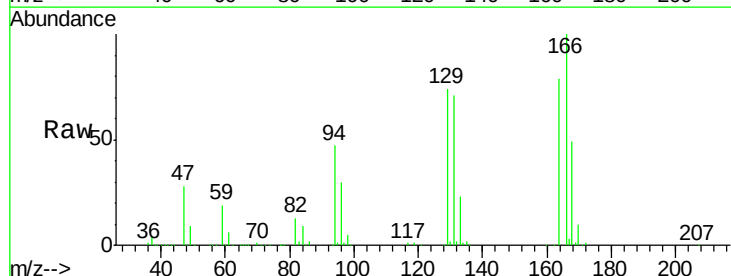
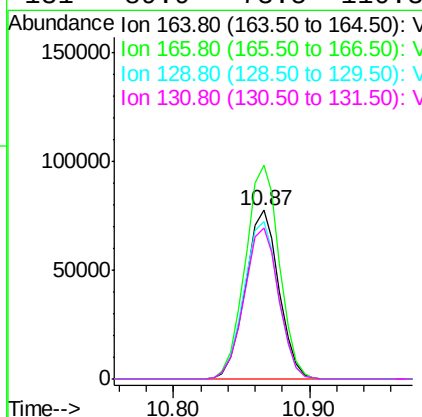
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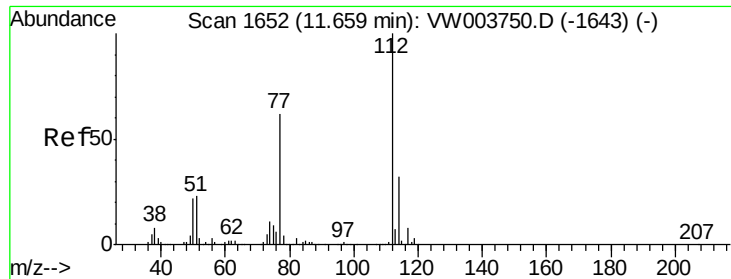
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#64
Tetrachloroethene
Concen: 47.153 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW003768.D
Acq: 09 Jul 2018 10:40

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.5	104.2	156.4
129	93.1	75.8	113.8
131	89.9	73.5	110.3





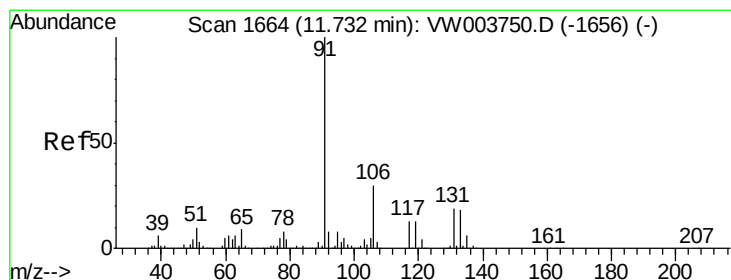
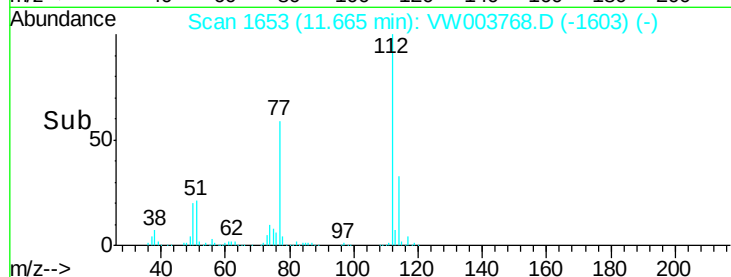
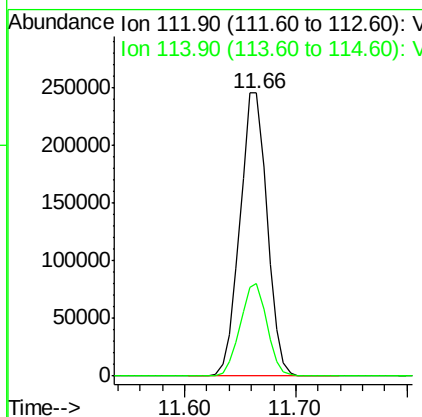
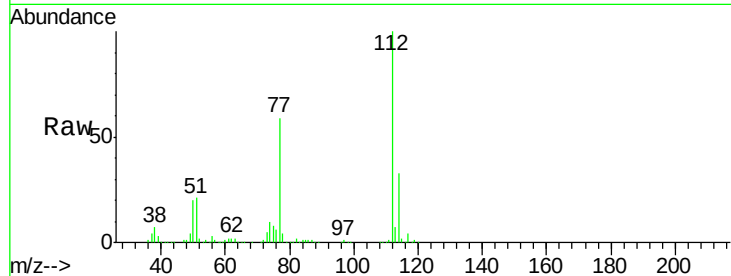
#65
Chlorobenzene
Concen: 49.191 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.01 min
Lab File: VW003768.D
Acq: 09 Jul 2018 10:40

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 416965
Ion Ratio Lower Upper
112 100
114 32.5 26.0 39.0

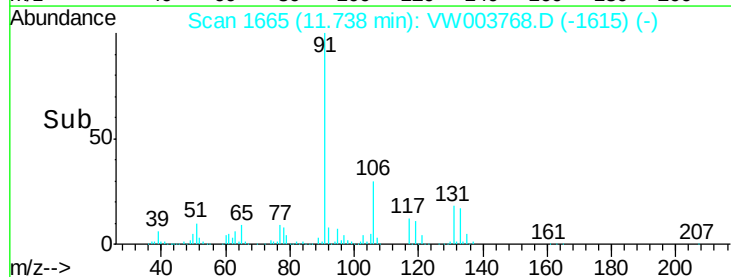
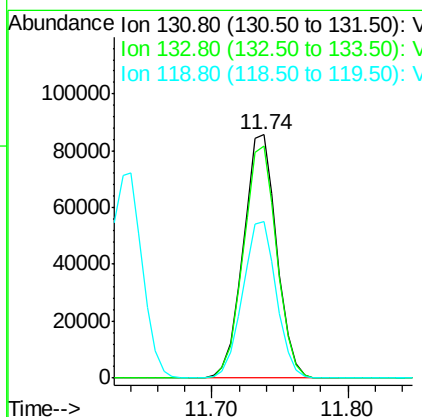
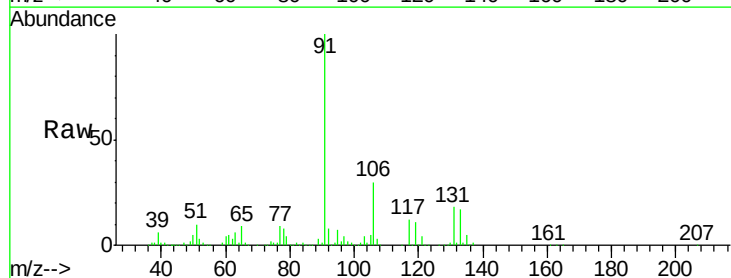
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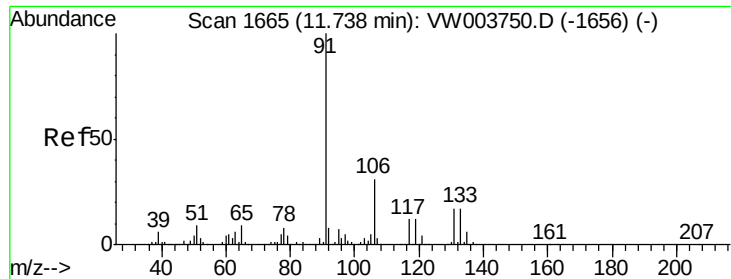
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.527 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.01 min
Lab File: VW003768.D
Acq: 09 Jul 2018 10:40

Tgt Ion:131 Resp: 146703
Ion Ratio Lower Upper
131 100
133 95.2 48.0 144.2
119 64.8 33.2 99.6





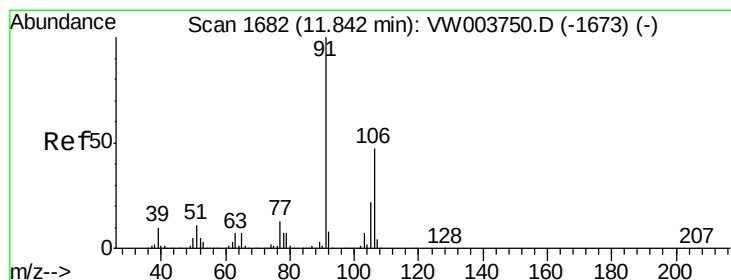
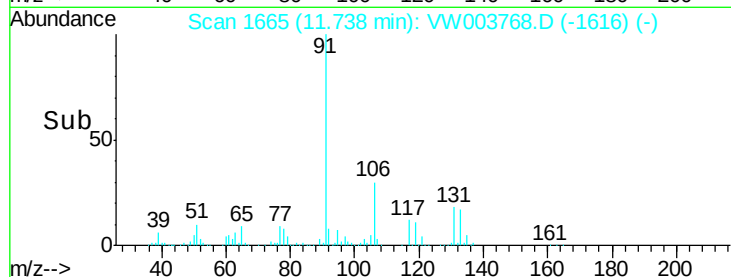
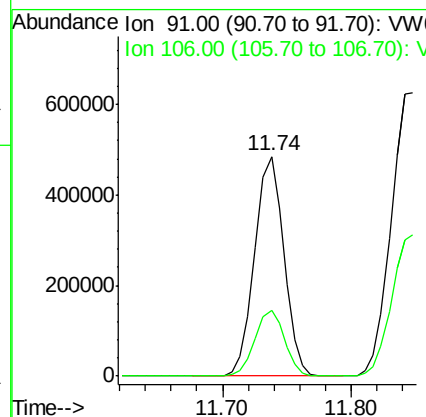
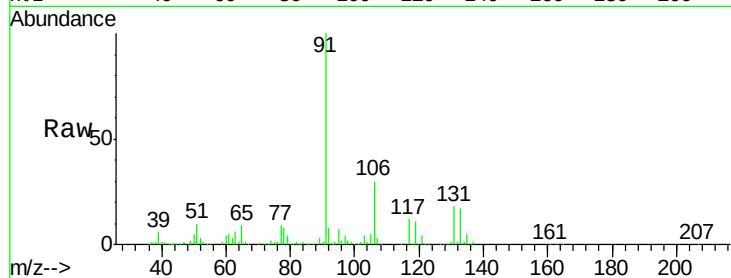
#67
Ethyl Benzene
Concen: 52.423 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW003768.D
Acq: 09 Jul 2018 10:40

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 759817
Ion Ratio Lower Upper
91 100
106 30.2 24.6 37.0

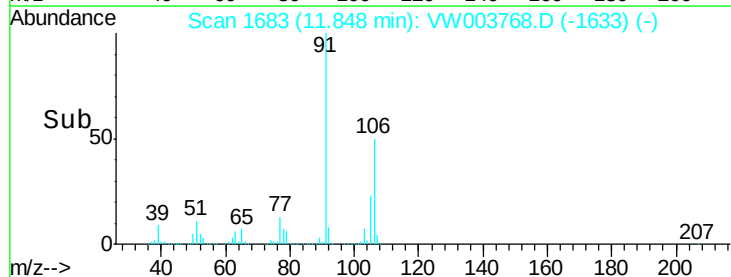
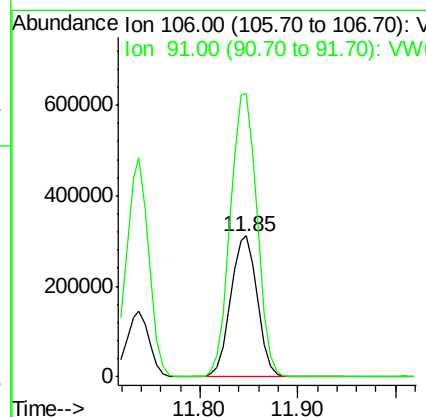
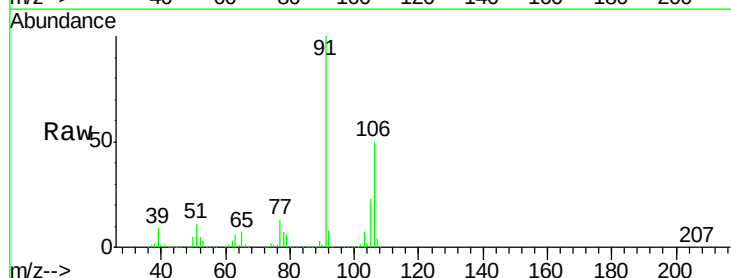
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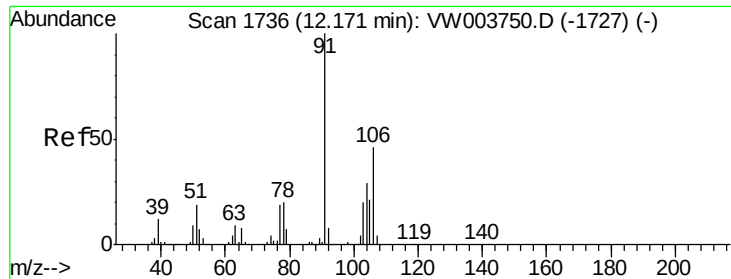
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#68
m/p-Xylenes
Concen: 105.092 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.01 min
Lab File: VW003768.D
Acq: 09 Jul 2018 10:40

Tgt Ion: 106 Resp: 583285
Ion Ratio Lower Upper
106 100
91 203.0 164.3 246.5





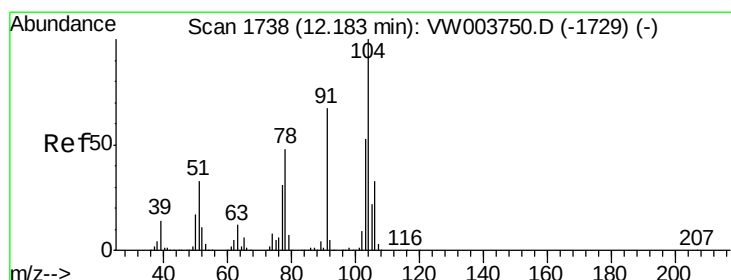
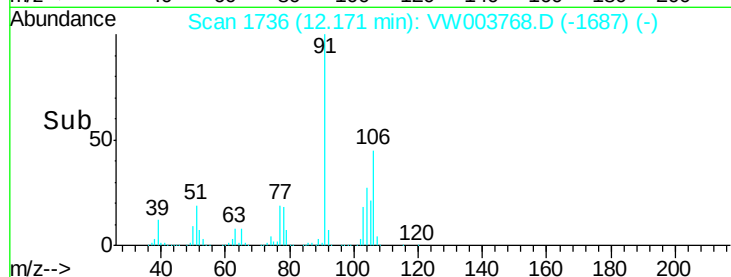
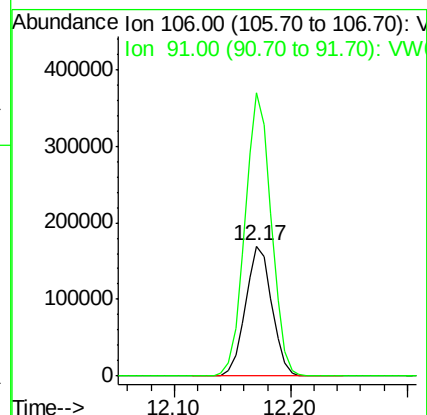
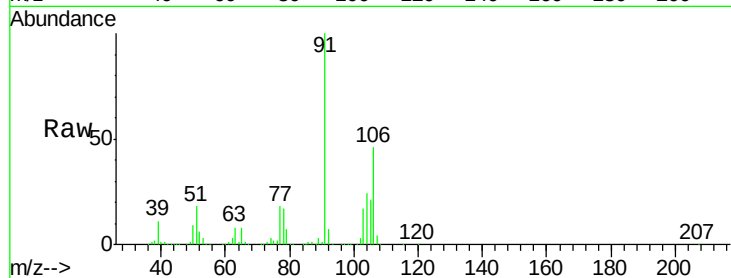
#69
o-Xylene
Concen: 52.316 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW003768.D
Acq: 09 Jul 2018 10:40

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		267931		
91	216.6	109.1	327.2		

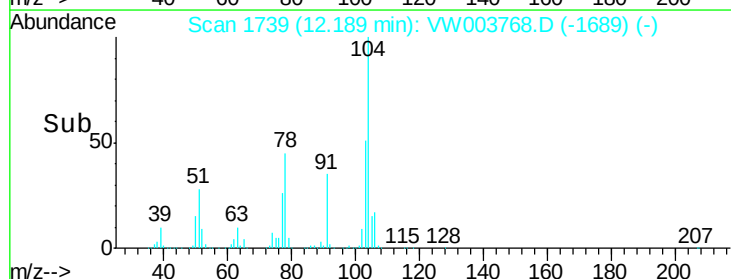
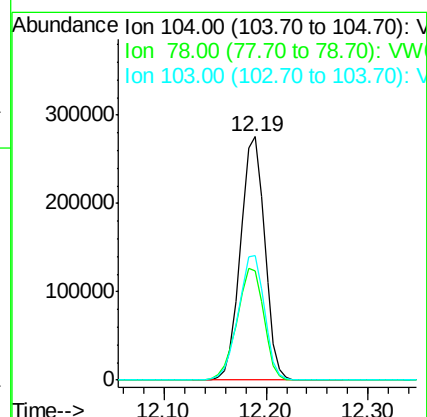
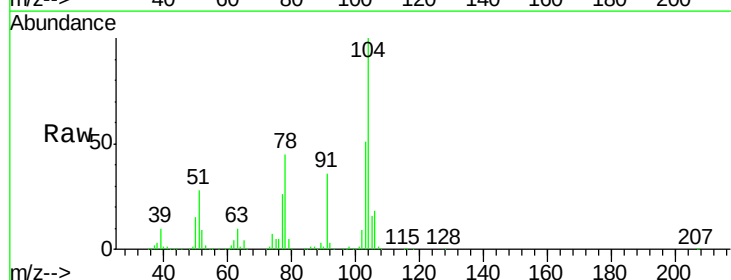
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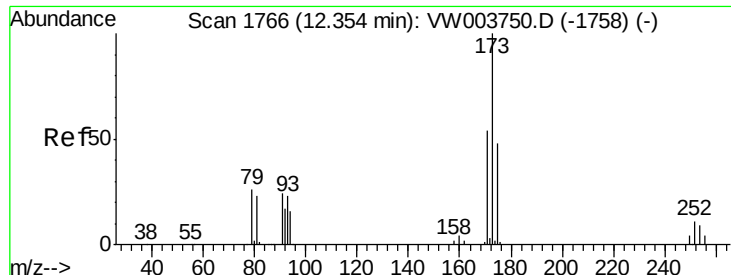
apatel
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#70
Styrene
Concen: 51.824 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VW003768.D
Acq: 09 Jul 2018 10:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		451333		
78	50.6	41.1	61.7		
103	55.5	44.6	67.0		





#71

Bromoform

Concen: 47.663 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. -0.00 min

Lab File: VW003768.D

Acq: 09 Jul 2018 10:40

Instrument :

MSVOA_W

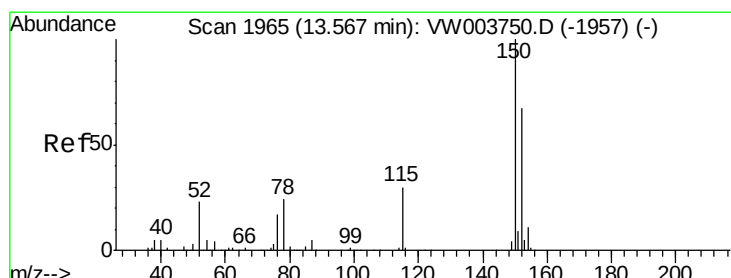
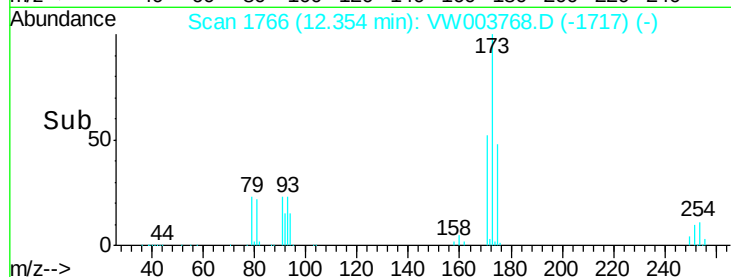
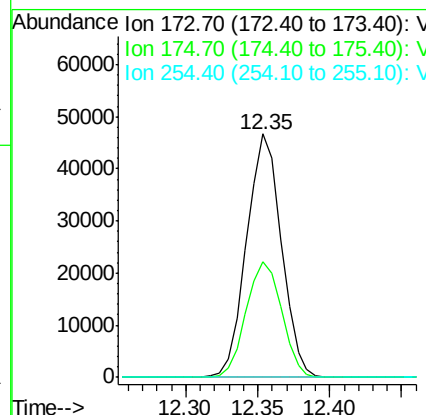
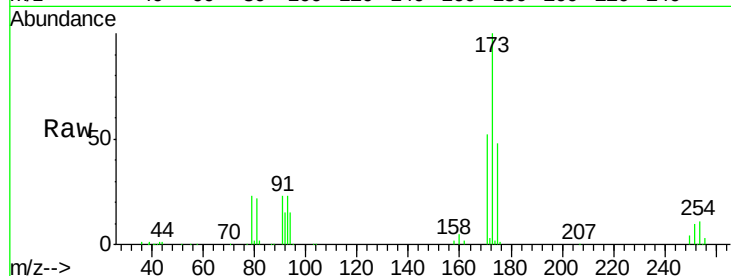
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.1	72.4
254	0.1	0.0	0.0

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

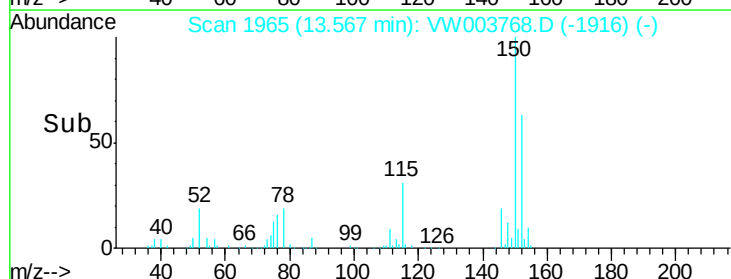
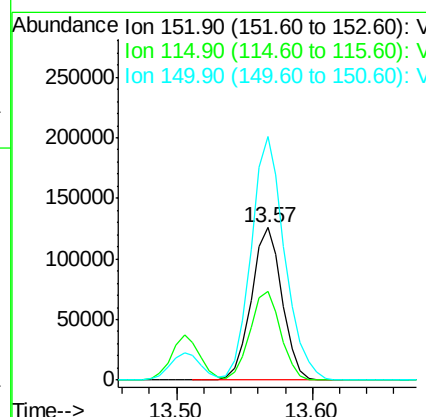
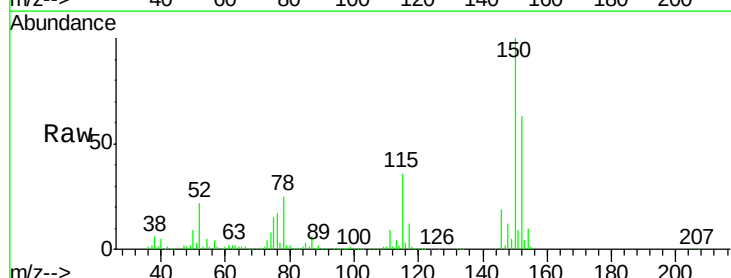
RT: 13.57 min Scan# 1965

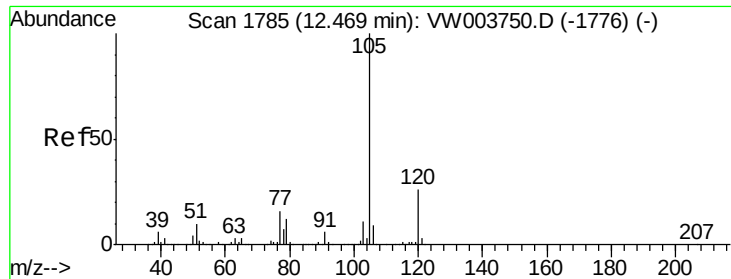
Delta R.T. -0.00 min

Lab File: VW003768.D

Acq: 09 Jul 2018 10:40

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.2	28.9	86.8
150	175.0	0.0	342.4





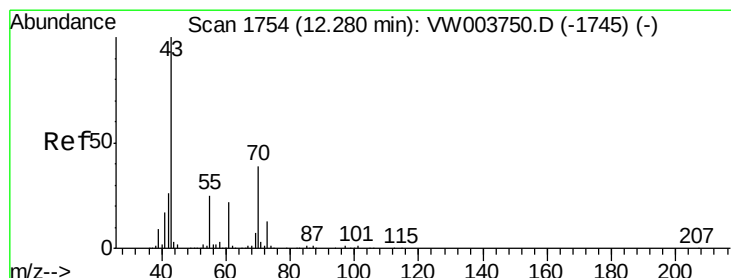
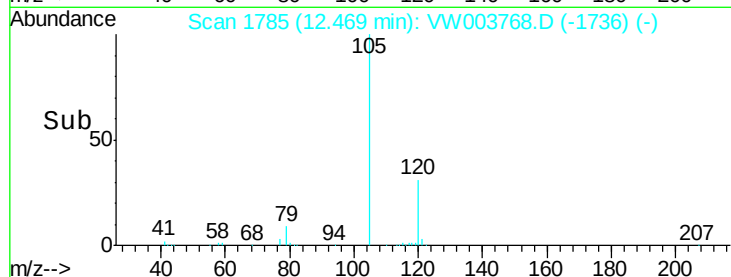
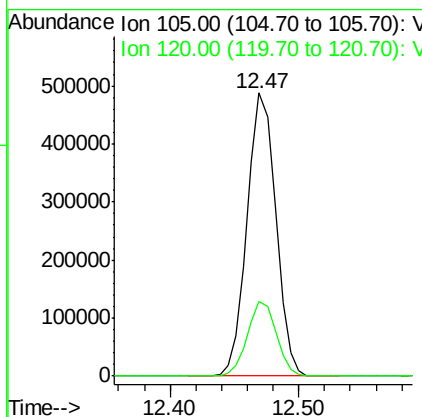
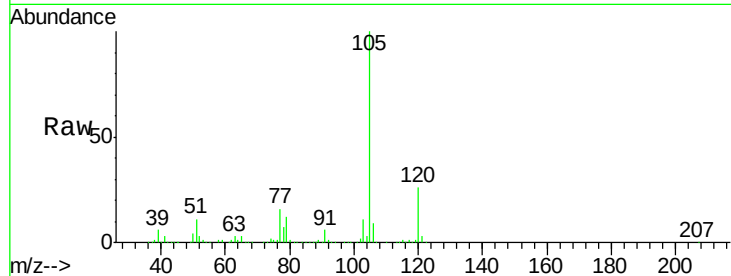
#73
Isopropylbenzene
Concen: 55.857 ug/l
RT: 12.47 min Scan# 1785
Delta R.T. -0.00 min
Lab File: VW003768.D
Acq: 09 Jul 2018 10:40

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.4	13.1	39.3

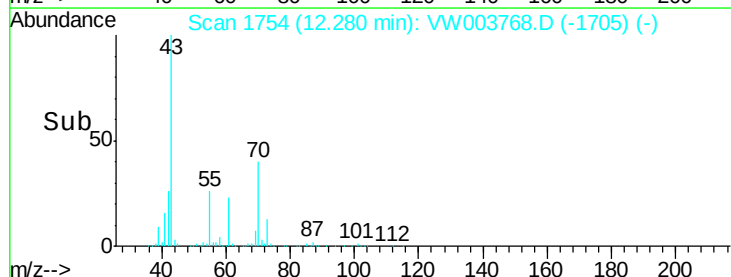
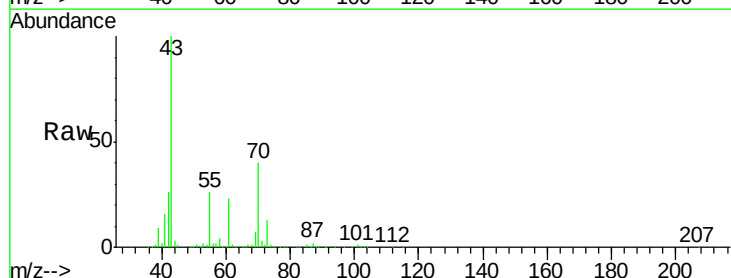
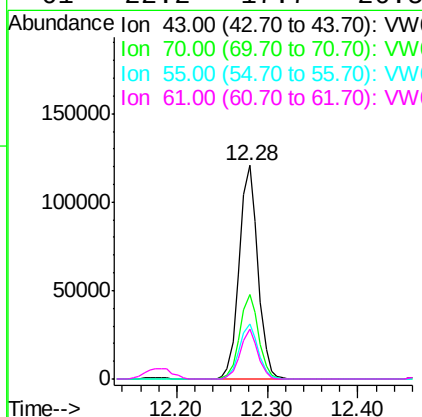
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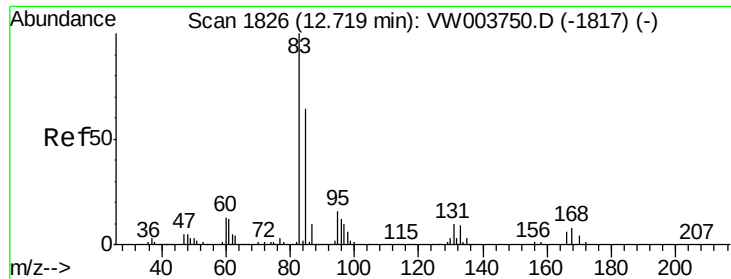
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#74
N-ethyl acetate
Concen: 46.984 ug/l
RT: 12.28 min Scan# 1754
Delta R.T. -0.00 min
Lab File: VW003768.D
Acq: 09 Jul 2018 10:40

Tgt Ion	Ratio	Lower	Upper
43	100		
70	39.9	31.3	46.9
55	26.2	20.1	30.1
61	22.2	17.7	26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 46.545 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW003768.D

Acq: 09 Jul 2018 10:40

Instrument :

MSVOA_W

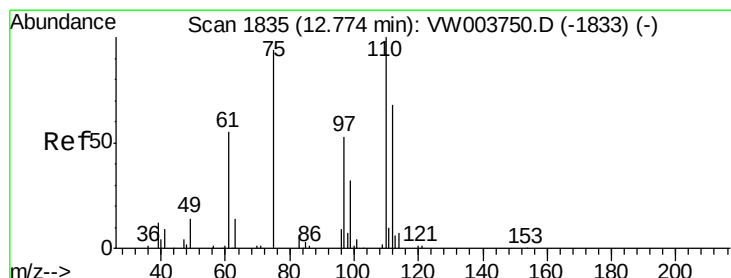
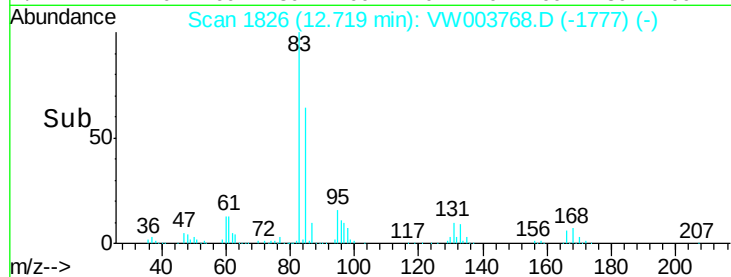
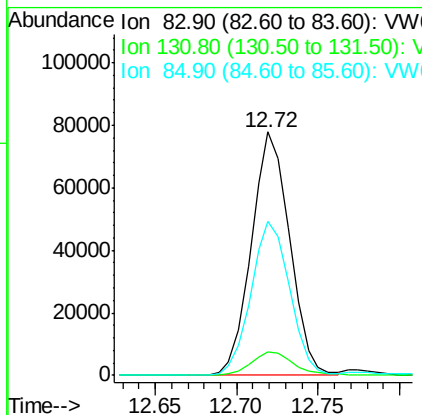
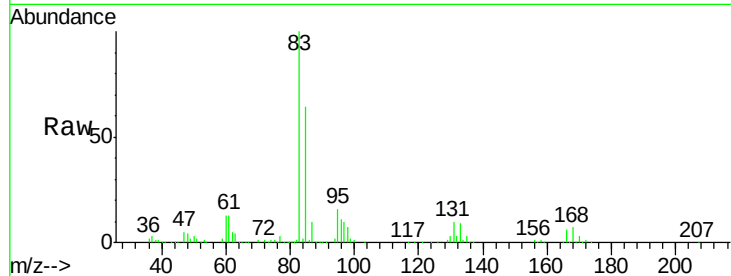
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	126940
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.1	15.4
85	64.2	32.1	96.3

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#76

1,2,3-Trichloropropane

Concen: 53.527 ug/l m

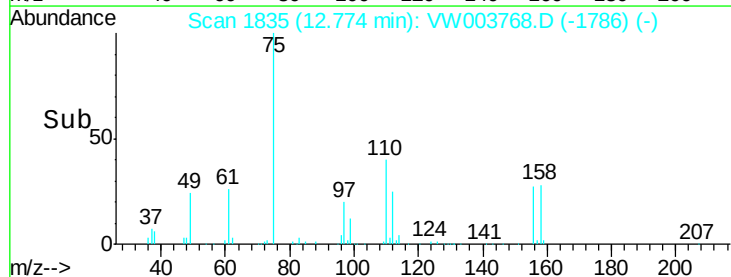
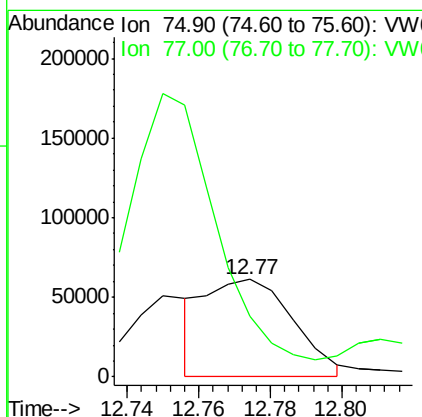
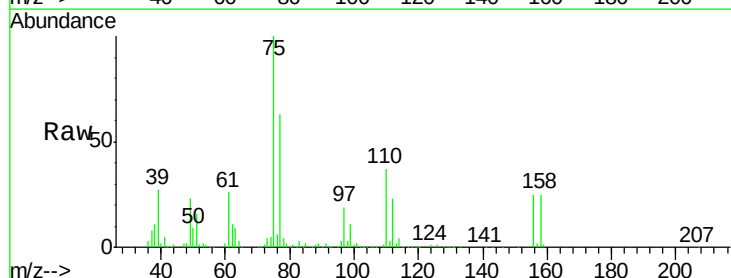
RT: 12.77 min Scan# 1835

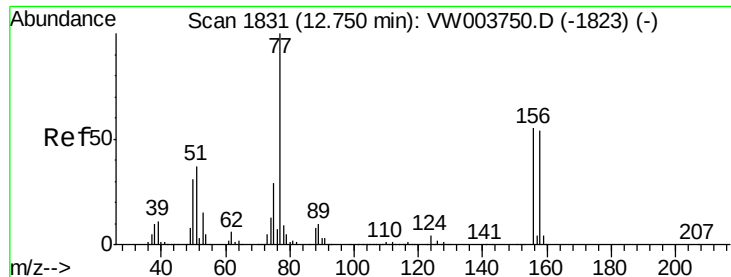
Delta R.T. -0.00 min

Lab File: VW003768.D

Acq: 09 Jul 2018 10:40

Tgt Ion:	75	Resp:	104416
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 51.256 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VW003768.D

Acq: 09 Jul 2018 10:40

Instrument :

MSVOA_W

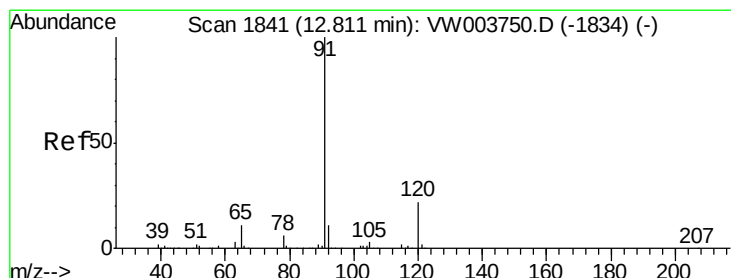
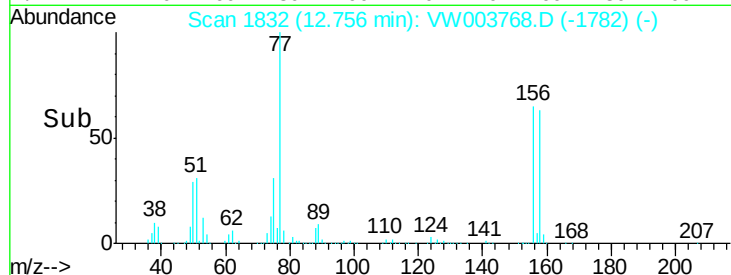
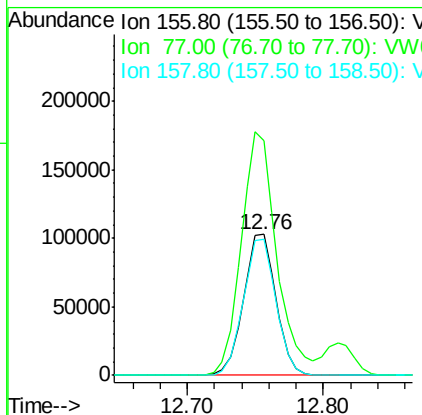
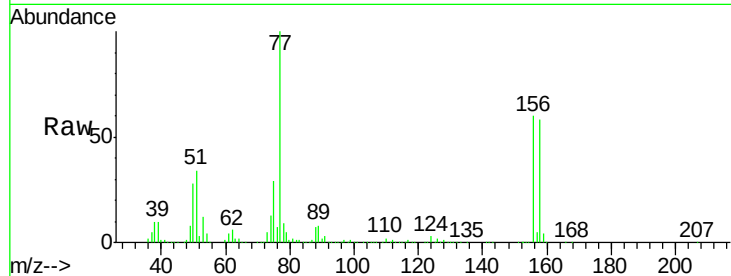
ClientSampled :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		171190		
77	188.6	98.7	296.0		
158	97.4	49.0	147.0		

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#78

n-propylbenzene

Concen: 55.287 ug/l

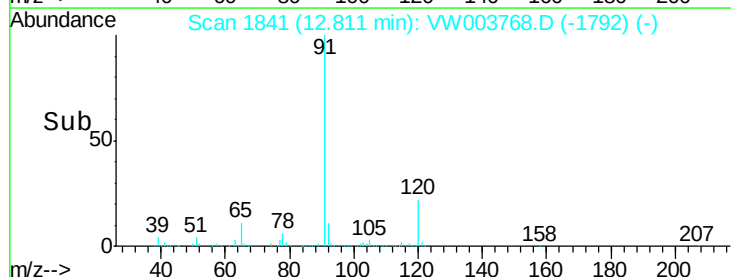
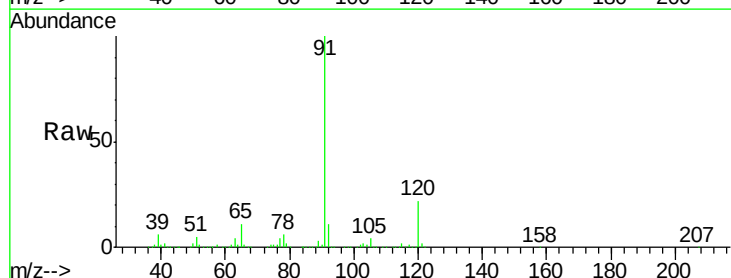
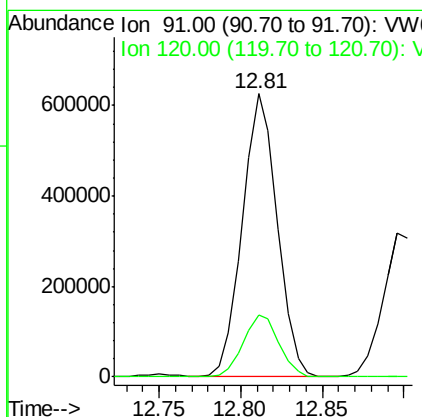
RT: 12.81 min Scan# 1841

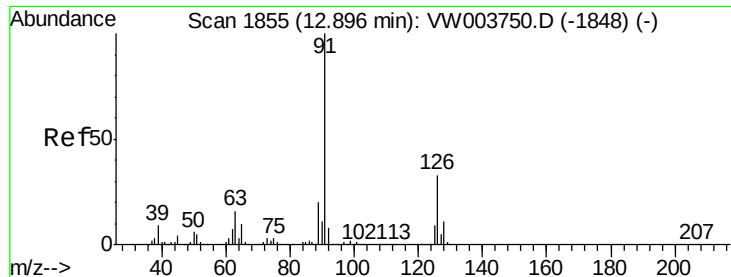
Delta R.T. -0.00 min

Lab File: VW003768.D

Acq: 09 Jul 2018 10:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		933695		
120	22.5	11.2	33.6		





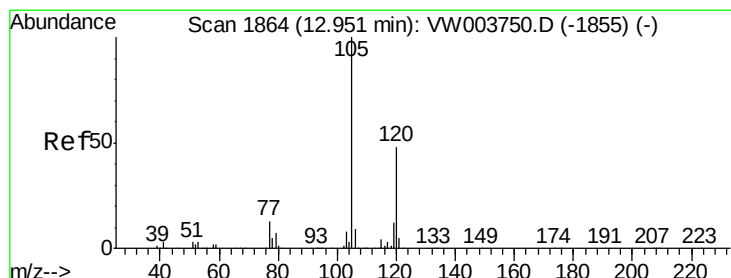
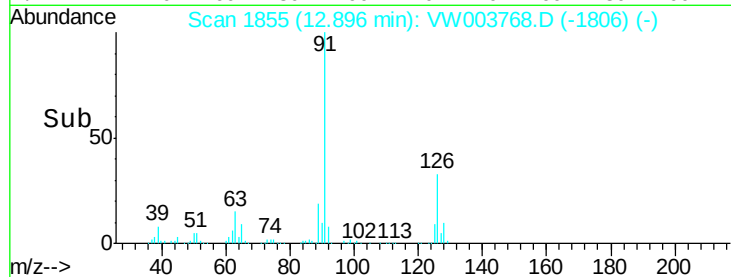
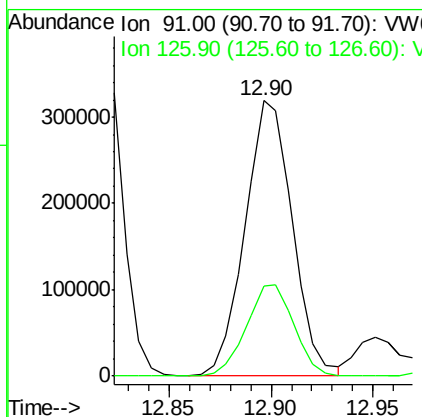
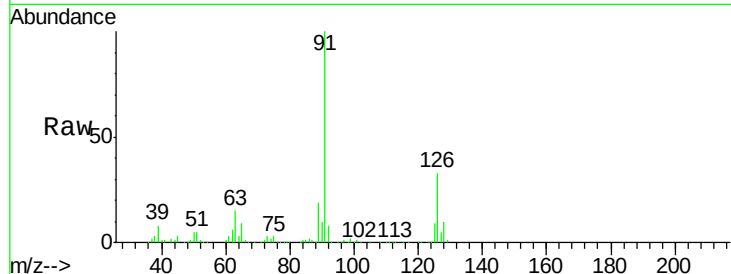
#79
 2-Chlorotoluene
 Concen: 53.082 ug/l
 RT: 12.90 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW003768.D
 Acq: 09 Jul 2018 10:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 515020
 Ion Ratio Lower Upper
 91 100
 126 33.4 17.0 51.0

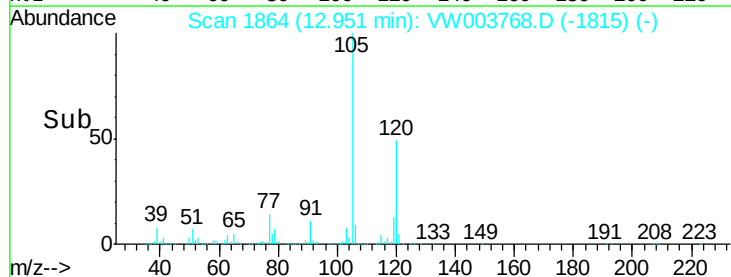
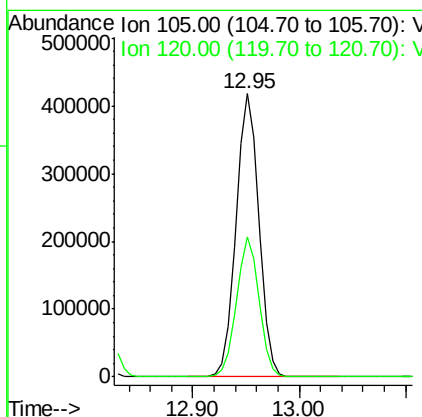
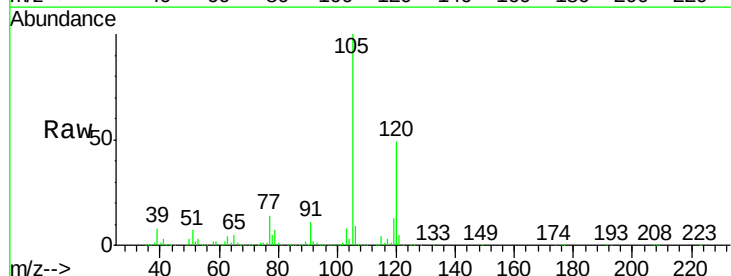
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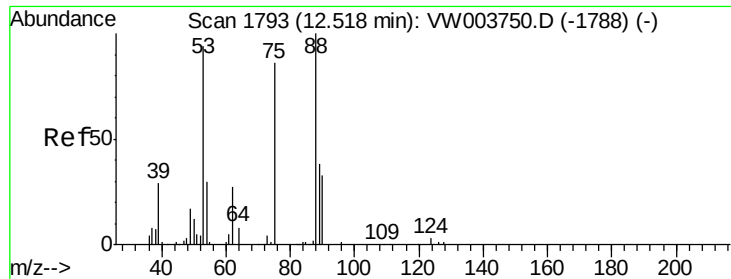
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#80
 1,3,5-Trimethylbenzene
 Concen: 54.336 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VW003768.D
 Acq: 09 Jul 2018 10:40

Tgt Ion: 105 Resp: 630027
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.2 72.6





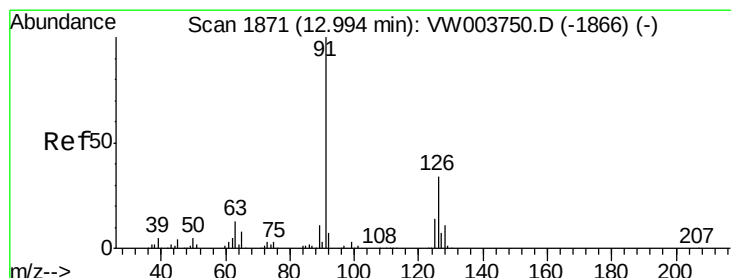
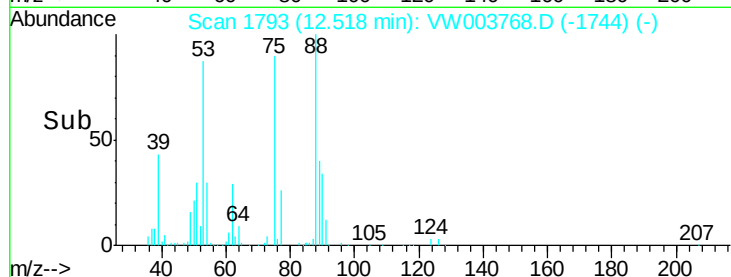
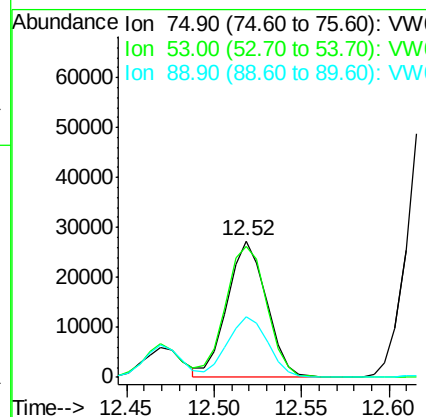
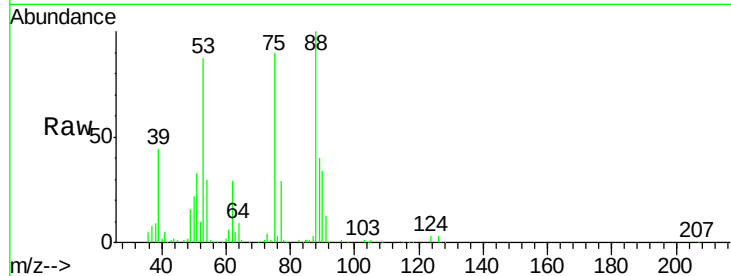
#81
trans-1,4-Dichloro-2-butene
Concen: 53.154 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VW003768.D
Acq: 09 Jul 2018 10:40

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	101.7	85.0	127.6
89	45.5	36.3	54.5

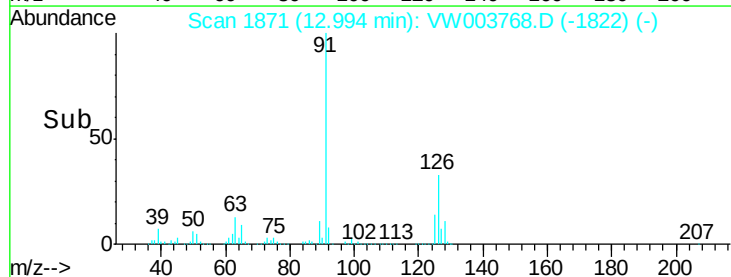
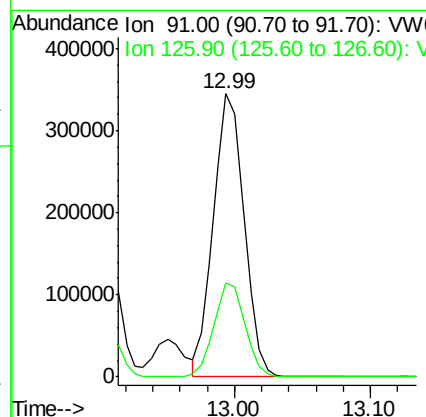
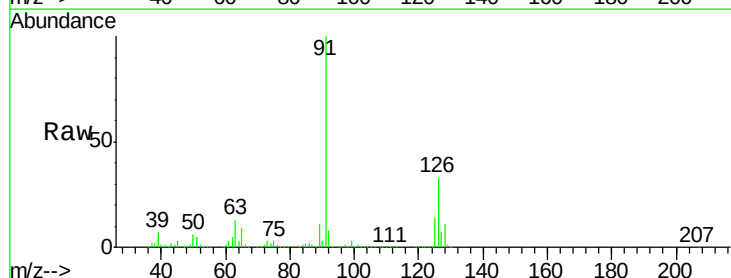
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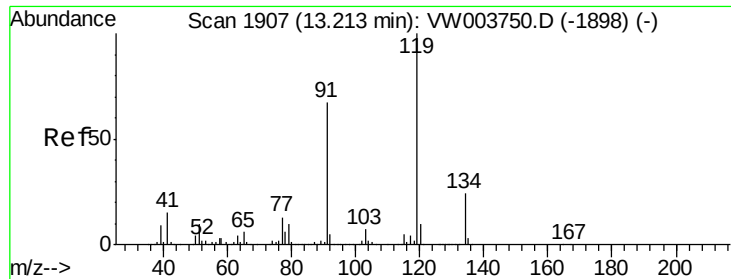
apatel
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#82
4-Chlorotoluene
Concen: 51.765 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. -0.00 min
Lab File: VW003768.D
Acq: 09 Jul 2018 10:40

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.7	16.5	49.5





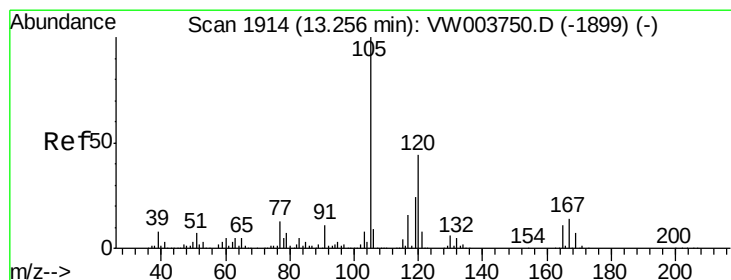
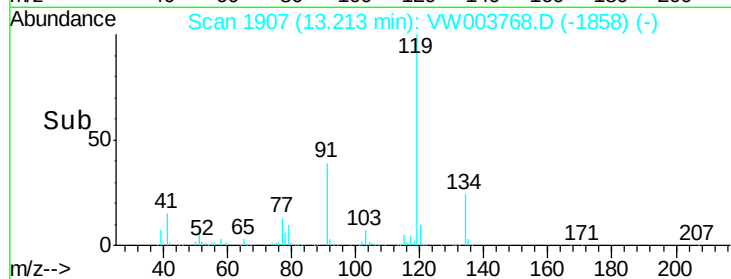
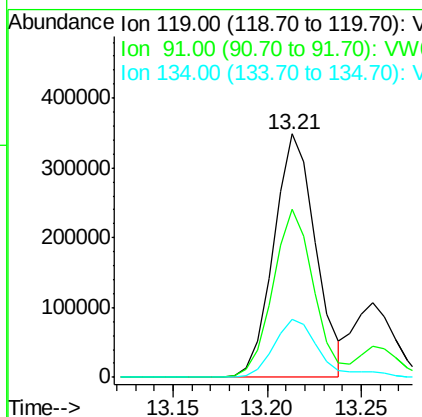
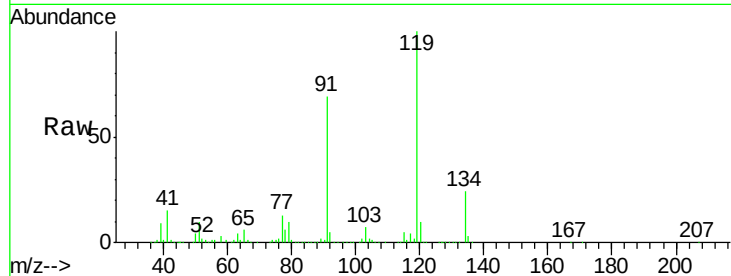
#83
 tert-Butylbenzene
 Concen: 56.267 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VW003768.D
 Acq: 09 Jul 2018 10:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	538056		
91	68.0		33.0	98.9
134	26.2		12.8	38.4

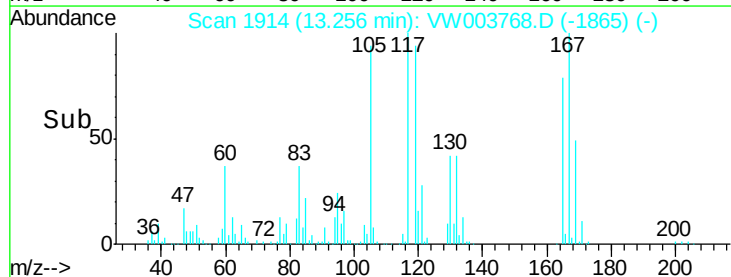
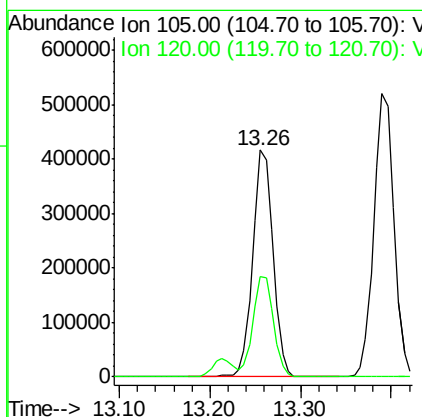
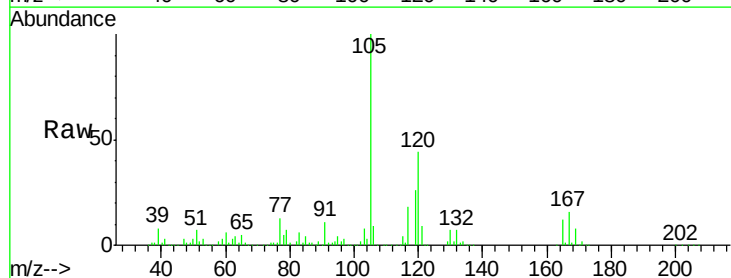
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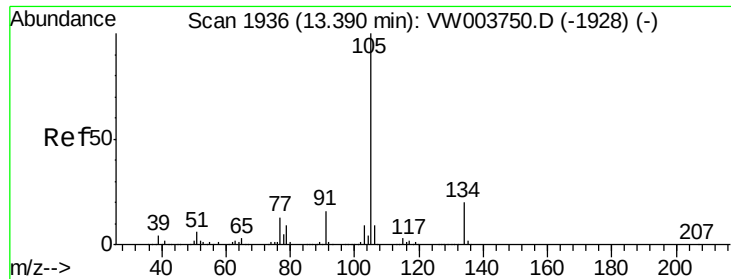
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#84
 1,2,4-Trimethylbenzene
 Concen: 53.771 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: VW003768.D
 Acq: 09 Jul 2018 10:40

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	647709		
120	44.8		22.0	66.0





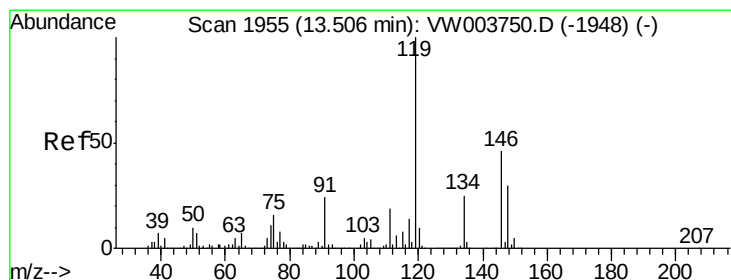
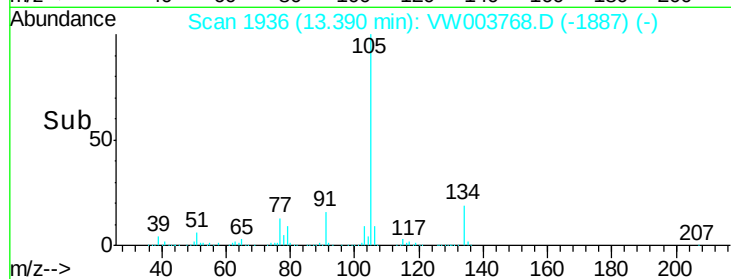
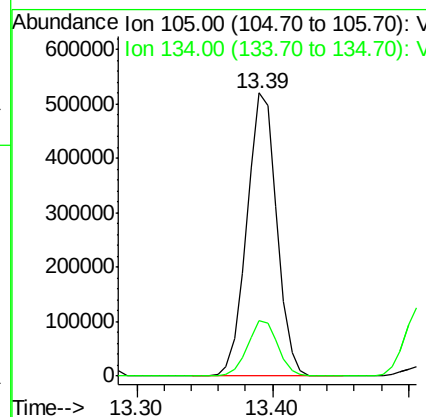
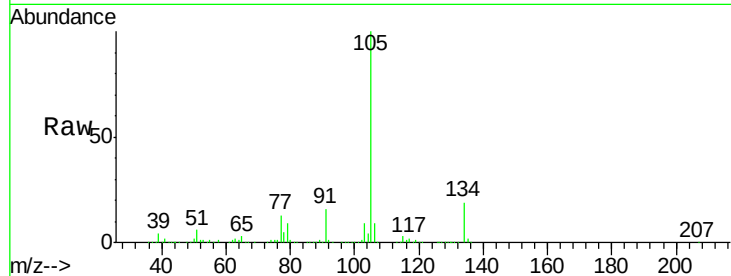
#85
 sec-Butylbenzene
 Concen: 55.874 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VW003768.D
 Acq: 09 Jul 2018 10:40

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.8	9.8	29.4

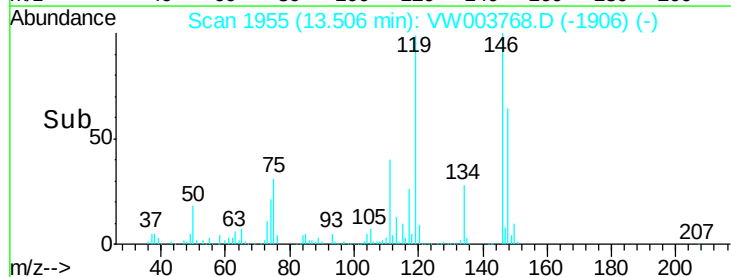
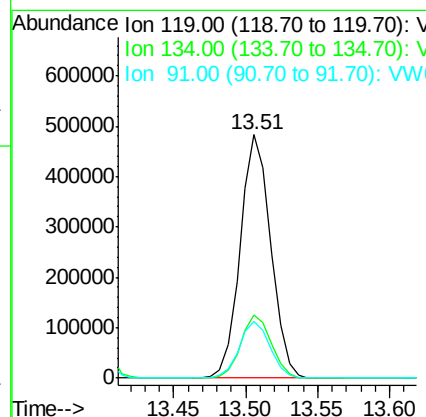
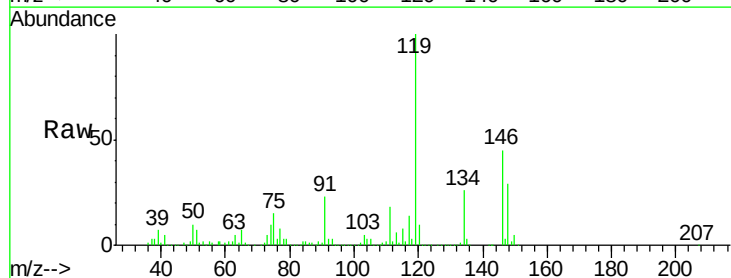
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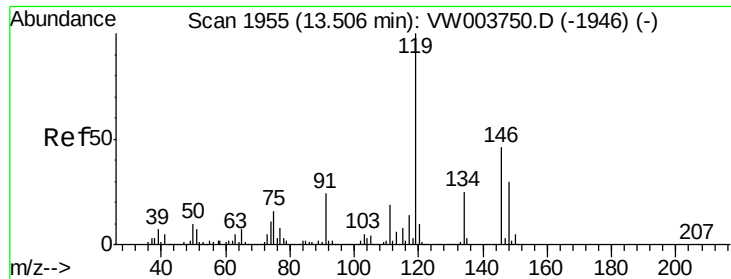
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#86
 p-Isopropyltoluene
 Concen: 56.743 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW003768.D
 Acq: 09 Jul 2018 10:40

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.0	13.1	39.1
91	23.5	11.9	35.9





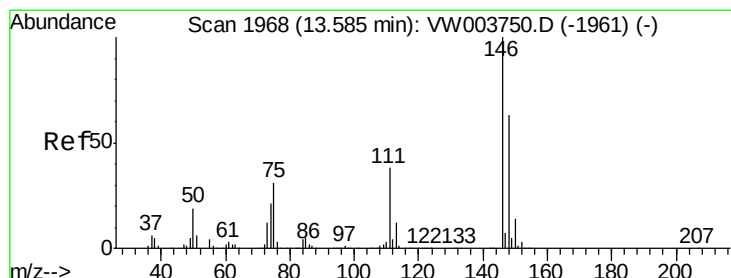
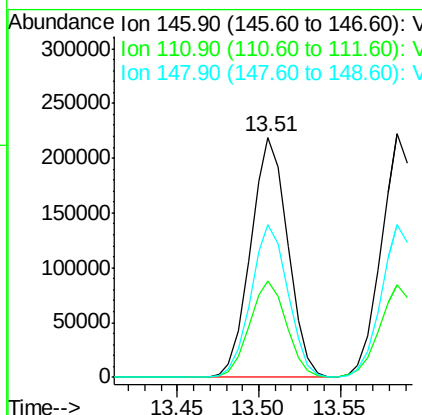
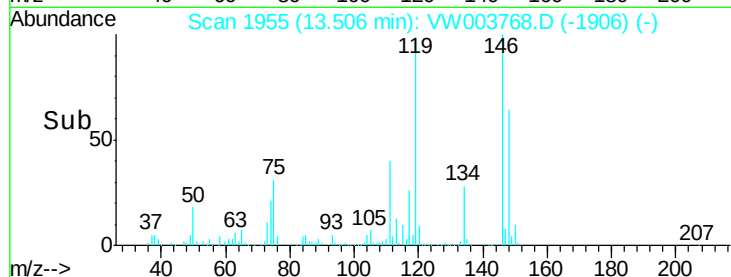
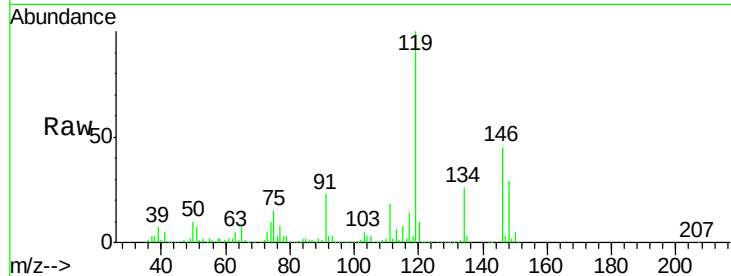
#87
 1,3-Dichlorobenzene
 Concen: 51.150 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW003768.D
 Acq: 09 Jul 2018 10:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.2	60.5
148	63.5	31.9	95.7

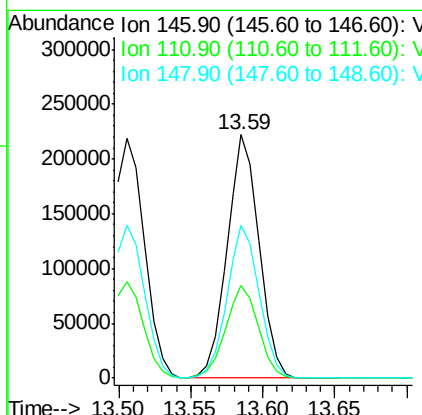
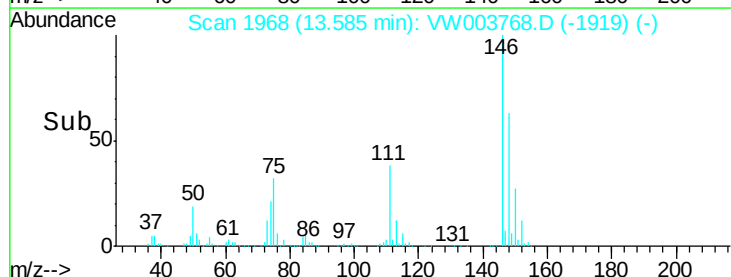
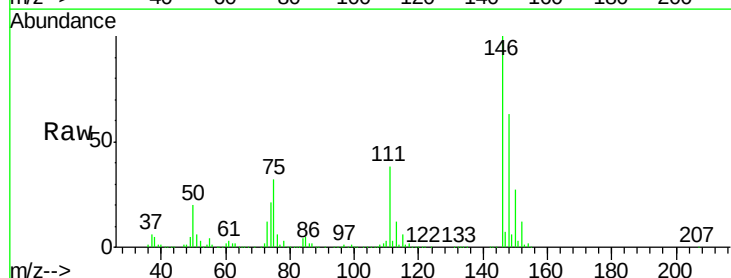
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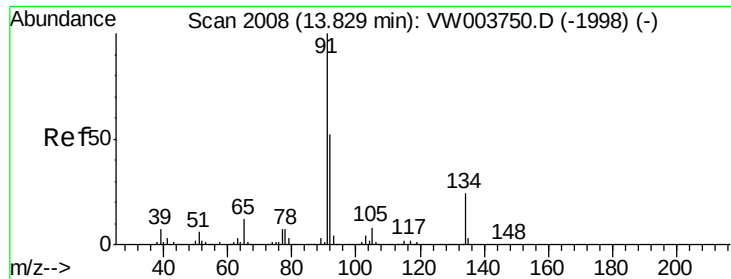
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#88
 1,4-Dichlorobenzene
 Concen: 50.539 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW003768.D
 Acq: 09 Jul 2018 10:40

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.4	58.4
148	63.3	31.9	95.7





#89

n-Butylbenzene

Concen: 56.167 ug/l

RT: 13.84 min Scan# 2009

Delta R.T. 0.01 min

Lab File: VW003768.D

Acq: 09 Jul 2018 10:40

Instrument :

MSVOA_W

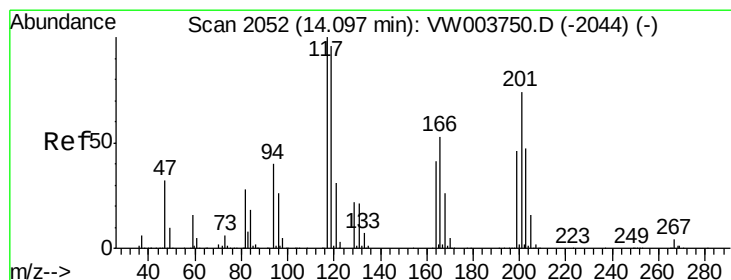
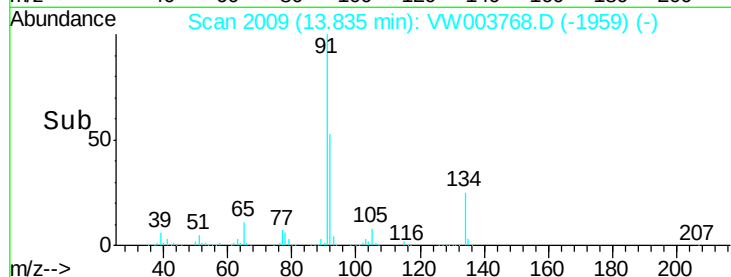
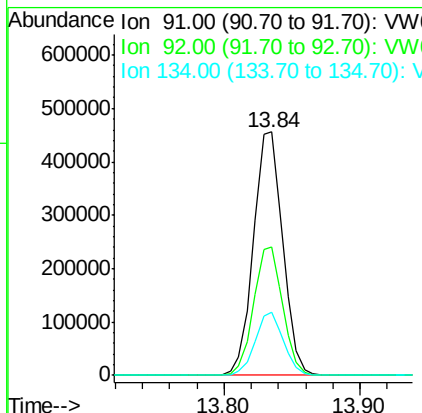
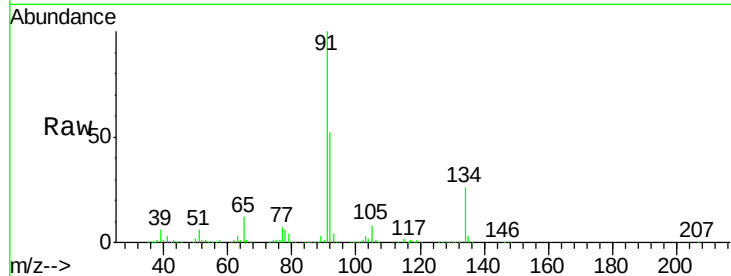
ClientSampleId :

VSTDCCC050

Tot Ion:	91	Resp:	690609
Ion	Ratio	Lower	Upper
91	100		
92	52.0	26.1	78.3
134	25.1	12.4	37.4

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#90

Hexachloroethane

Concen: 52.178 ug/l

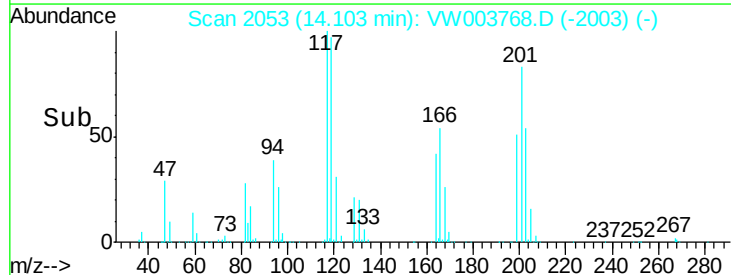
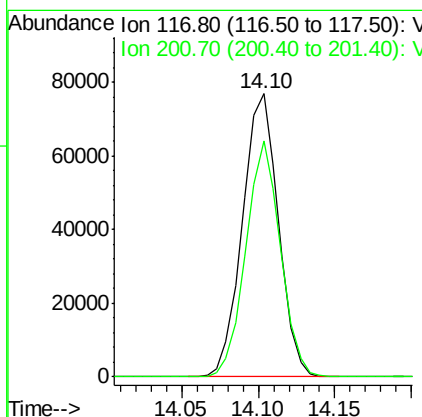
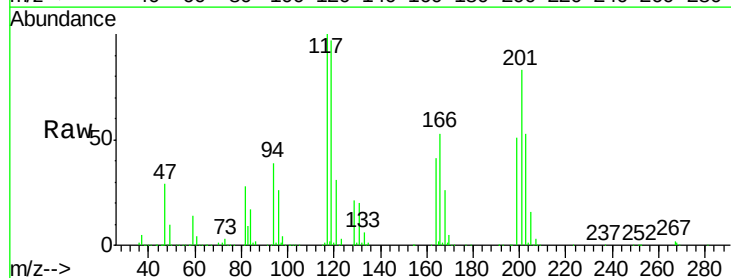
RT: 14.10 min Scan# 2053

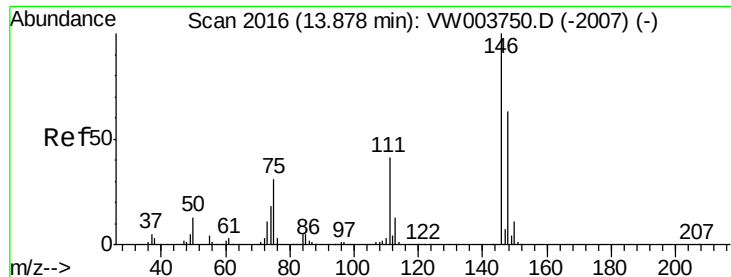
Delta R.T. 0.01 min

Lab File: VW003768.D

Acq: 09 Jul 2018 10:40

Tgt Ion:	117	Resp:	125636
Ion	Ratio	Lower	Upper
117	100		
201	79.7	39.2	117.6





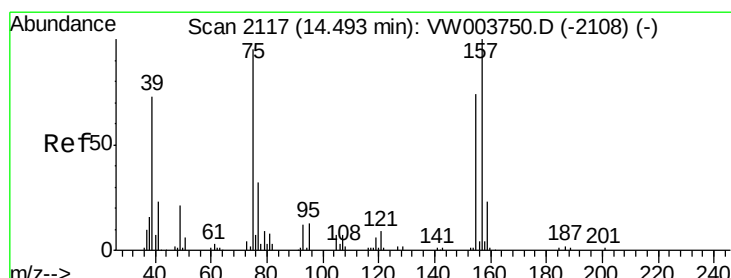
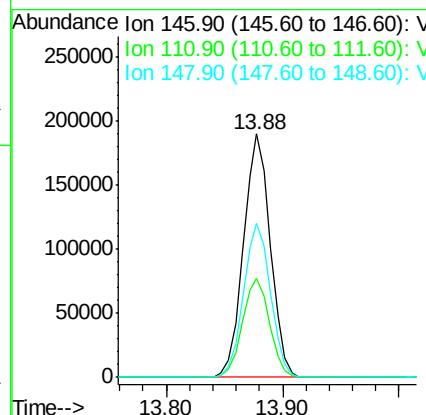
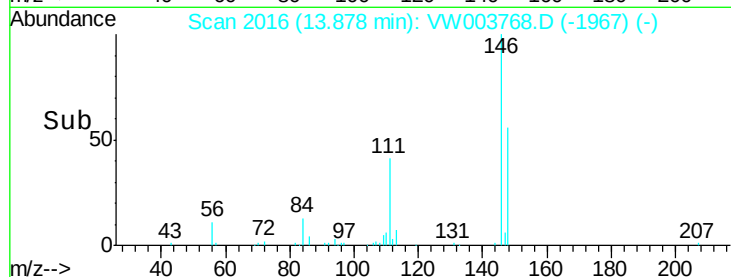
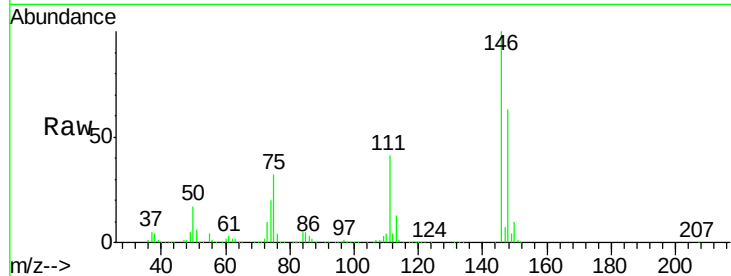
#91
 1,2-Dichlorobenzene
 Concen: 50.027 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: VW003768.D
 Acq: 09 Jul 2018 10:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.7	62.1
148	63.9	31.9	95.9

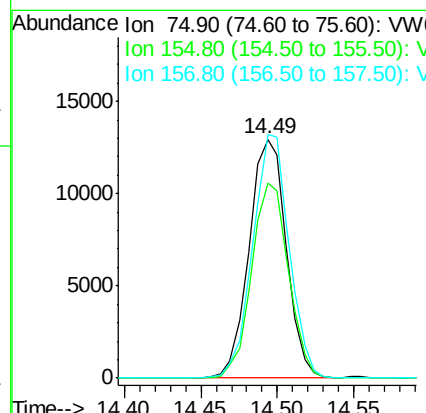
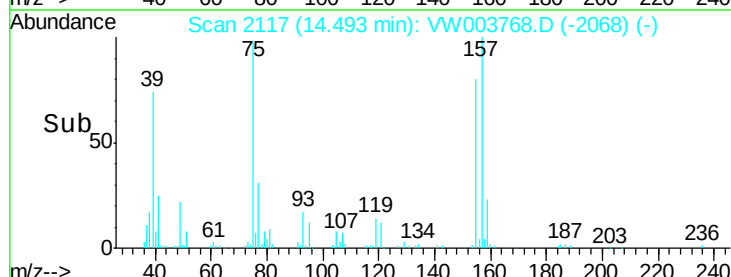
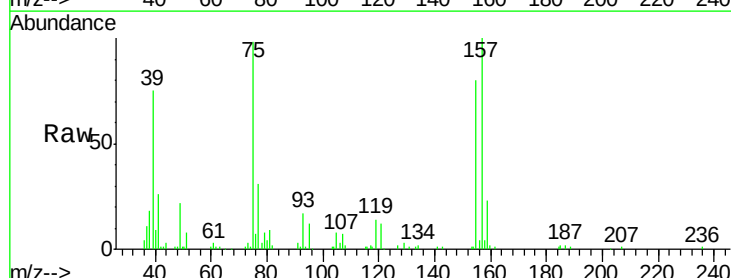
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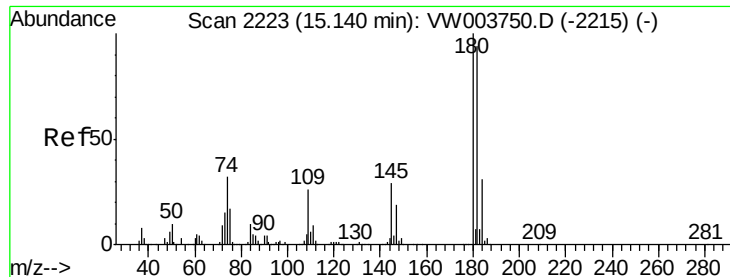
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.277 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VW003768.D
 Acq: 09 Jul 2018 10:40

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.0	39.2	117.6
157	99.9	50.7	152.1





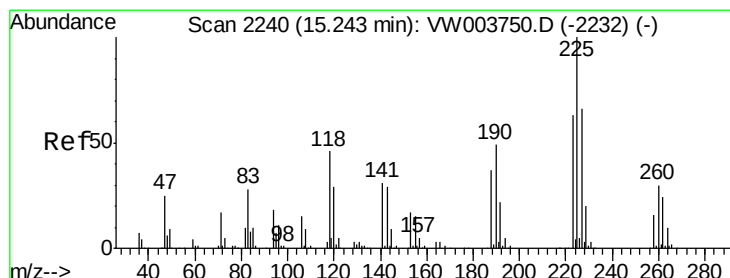
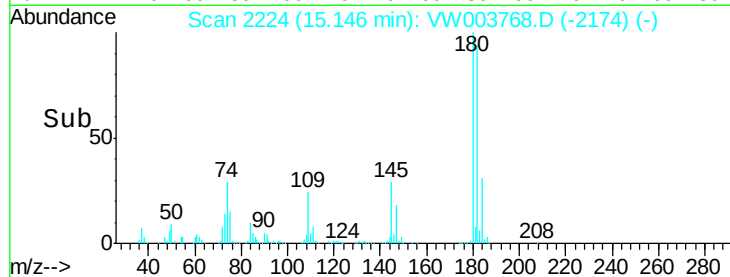
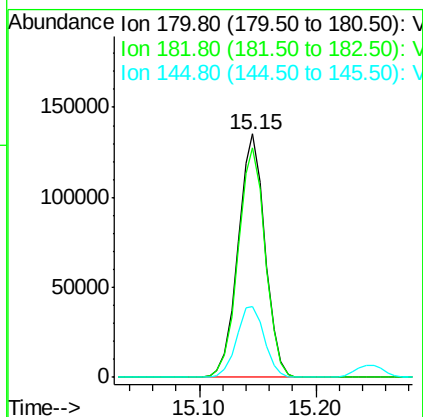
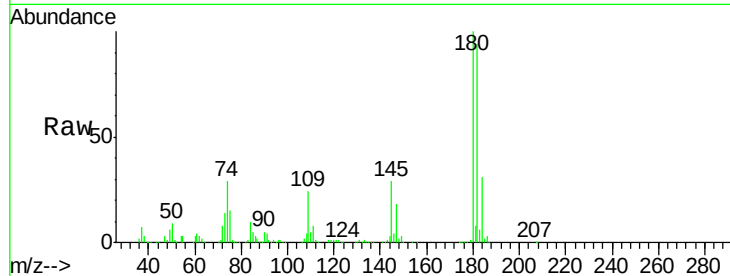
#93
 1,2,4-Trichlorobenzene
 Concen: 52.603 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.01 min
 Lab File: VW003768.D
 Acq: 09 Jul 2018 10:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	216857		
182	95.3	47.4	142.2	
145	30.3	15.0	45.0	

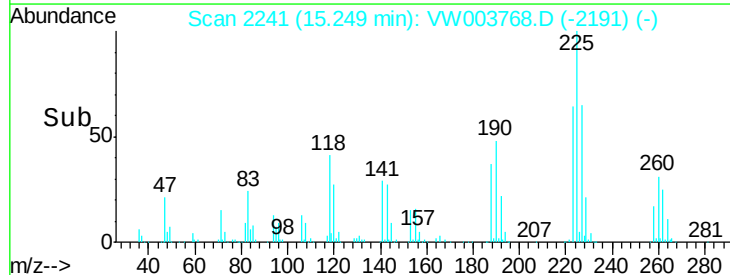
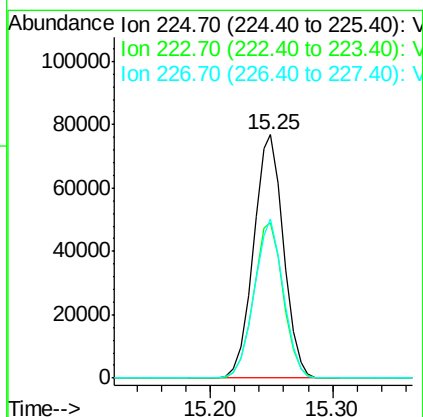
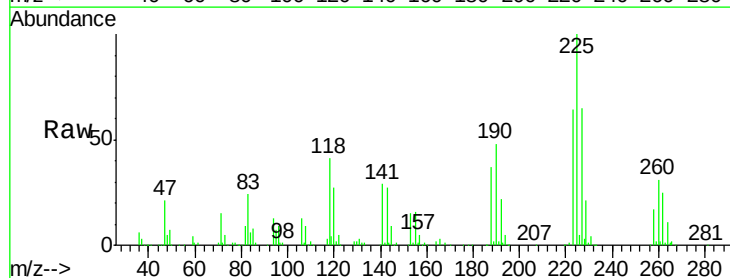
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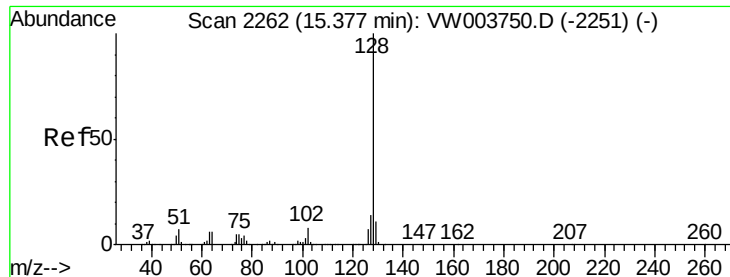
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#94
 Hexachlorobutadiene
 Concen: 55.356 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.01 min
 Lab File: VW003768.D
 Acq: 09 Jul 2018 10:40

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	130534		
223	63.2	32.6	97.7	
227	63.5	32.5	97.5	





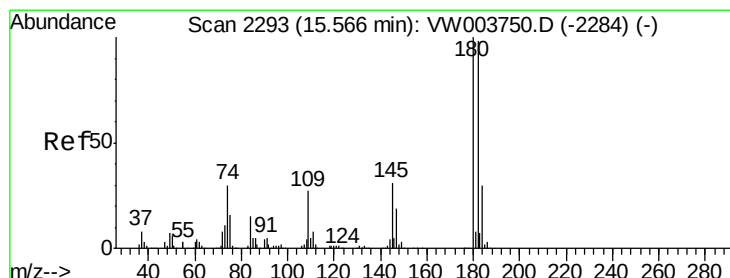
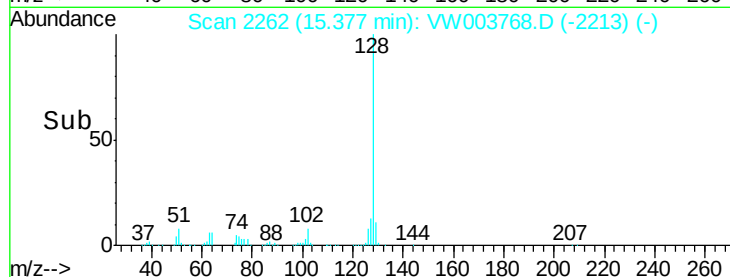
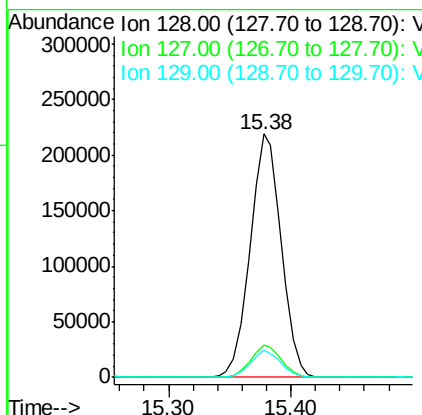
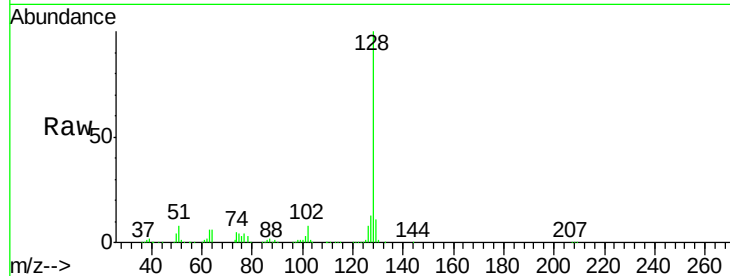
#95
Naphthalene
Concen: 52.308 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VW003768.D
Acq: 09 Jul 2018 10:40

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	385402		
127	13.1	10.8	16.2	
129	10.9	8.6	13.0	

Manual Integrations
APPROVED

apatel
7/10/2018 10:47:06 AM



#96
1,2,3-Trichlorobenzene
Concen: 51.396 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VW003768.D
Acq: 09 Jul 2018 10:40

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	189719		
182	95.6	47.4	142.3	
145	31.5	15.8	47.4	

