

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070318\
 Data File : VW003710.D
 Acq On : 03 Jul 2018 20:36
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.04G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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apatel
 7/5/2018 11:12:13 AM

Quant Time: Jul 05 02:54:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070218S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 03 08:55:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	225310	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	358329	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	336856	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	180286	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	135503	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	
35) Dibromofluoromethane	7.88	113	117040	50.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.16%	
50) Toluene-d8	10.33	98	466836	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	
62) 4-Bromofluorobenzene	12.62	95	169259	51.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	57529	47.416	ug/l	94
3) Chloromethane	2.21	50	95679	53.310	ug/l	99
4) Vinyl Chloride	2.36	62	135522	55.343	ug/l	99
5) Bromomethane	2.78	94	88396	55.057	ug/l	97
6) Chloroethane	2.92	64	78792	53.475	ug/l	99
7) Trichlorofluoromethane	3.25	101	61300	47.075	ug/l	98
8) Diethyl Ether	3.67	74	63507	52.709	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.05	101	113505	52.452	ug/l	100
10) Methyl Iodide	4.26	142	173259	54.525	ug/l	99
11) Tert butyl alcohol	5.21	59	45596	271.268	ug/l	97
12) 1,1-Dichloroethene	4.03	96	113109	52.443	ug/l	97
13) Acrolein	3.89	56	27179	333.246	ug/l	96
14) Allyl chloride	4.66	41	199782	54.160	ug/l	99
15) Acrylonitrile	5.37	53	152723	273.299	ug/l	100
16) Acetone	4.14	43	145247	226.522	ug/l	99
17) Carbon Disulfide	4.37	76	360919	55.742	ug/l	100
18) Methyl Acetate	4.67	43	71904	51.590	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	231763	55.013	ug/l	100
20) Methylene Chloride	4.91	84	131230	53.668	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	127885	54.139	ug/l	99
22) Diisopropyl ether	6.31	45	422238	55.831	ug/l	99
23) Vinyl Acetate	6.26	43	1316052	256.284	ug/l	99
24) 1,1-Dichloroethane	6.21	63	241102	53.458	ug/l	99
25) 2-Butanone	7.18	43	217129	264.458	ug/l	96
26) 2,2-Dichloropropane	7.17	77	132018	47.740	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	139236	54.128	ug/l	99
28) Bromochloromethane	7.51	49	104325	52.623	ug/l	99
29) Tetrahydrofuran	7.54	42	137929	280.249	ug/l	99
30) Chloroform	7.68	83	244045	53.513	ug/l	97
31) Cyclohexane	7.95	56	212625	51.778	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	188913	53.213	ug/l	99
36) 1,1-Dichloropropene	8.08	75	194689	54.125	ug/l	100
37) Ethyl Acetate	7.26	43	95713	54.666	ug/l	99
38) Carbon Tetrachloride	8.07	117	181813	53.133	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	225866	54.527	ug/l	99
40) Benzene	8.32	78	545075	53.914	ug/l	100
41) Methacrylonitrile	7.49	41	56555	56.828	ug/l	95
42) 1,2-Dichloroethane	8.40	62	172065	54.051	ug/l	99
43) Isopropyl Acetate	8.43	43	183821	55.744	ug/l	99
44) Trichloroethene	9.09	130	139882	53.522	ug/l	99
45) 1,2-Dichloropropane	9.37	63	140312	53.500	ug/l	96
46) Dibromomethane	9.46	93	73432	53.914	ug/l	99
47) Bromodichloromethane	9.65	83	181824	54.003	ug/l	99
48) Methyl methacrylate	9.44	41	88285	50.619	ug/l	100
49) 1,4-Dioxane	9.47	88	24008	1123.639	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	490423	282.239	ug/l	99
52) Toluene	10.39	92	345352	54.738	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	189248	54.179	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	212204	53.586	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	102782	53.563	ug/l	97
56) Ethyl methacrylate	10.65	69	138557	50.818	ug/l	97
57) 1,3-Dichloropropane	10.93	76	183034	54.908	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	288153	280.938	ug/l	100
59) 2-Hexanone	10.98	43	345332	278.020	ug/l	98
60) Dibromochloromethane	11.13	129	122252	54.498	ug/l	98
61) 1,2-Dibromoethane	11.24	107	100609	54.739	ug/l	98
64) Tetrachloroethene	10.87	164	128768	56.558	ug/l	96
65) Chlorobenzene	11.66	112	376322	53.138	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	131098	52.969	ug/l	98
67) Ethyl Benzene	11.74	91	679410	54.753	ug/l	99
68) m/p-Xylenes	11.84	106	515112	109.164	ug/l	99
69) o-Xylene	12.17	106	241819	55.435	ug/l	99
70) Styrene	12.19	104	412864	56.350	ug/l	99
71) Bromoform	12.35	173	74776	54.374	ug/l #	100
73) Isopropylbenzene	12.47	105	663170	54.077	ug/l	99
74) N-amyl acetate	12.28	43	182681	56.414	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	126878	52.894	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	85762m	52.906	ug/l	
77) Bromobenzene	12.76	156	155096	52.697	ug/l	98
78) n-propylbenzene	12.81	91	824931	54.451	ug/l	99
79) 2-Chlorotoluene	12.90	91	467534	54.231	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	569046	54.851	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	39859	52.102	ug/l	99
82) 4-Chlorotoluene	12.99	91	499022	54.528	ug/l	98
83) tert-Butylbenzene	13.21	119	478462	54.674	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	587538	55.011	ug/l	99
85) sec-Butylbenzene	13.39	105	700414	53.786	ug/l	100
86) p-Isopropyltoluene	13.51	119	622942	54.691	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	315912	52.888	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	310464	52.013	ug/l	99
89) n-Butylbenzene	13.83	91	605015	53.726	ug/l	99
90) Hexachloroethane	14.10	117	112572	53.198	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	280984	52.610	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	22351	53.478	ug/l	100

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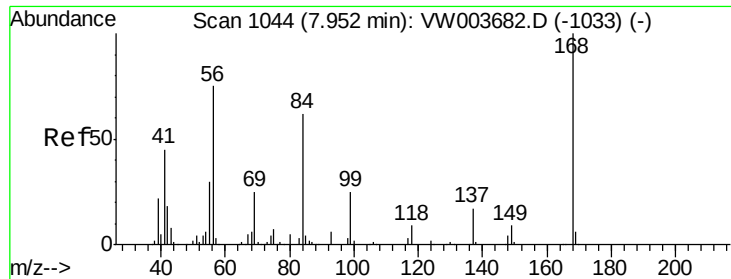
Manual Integrations
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W070218S.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	196682	52.227	ug/l	99
94) Hexachlorobutadiene	15.25	225	110967	51.019	ug/l	99
95) Naphthalene	15.38	128	378168	55.369	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	175678	52.369	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003710.D

Acq: 03 Jul 2018 20:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 225310

Ion Ratio Lower Upper

168 100

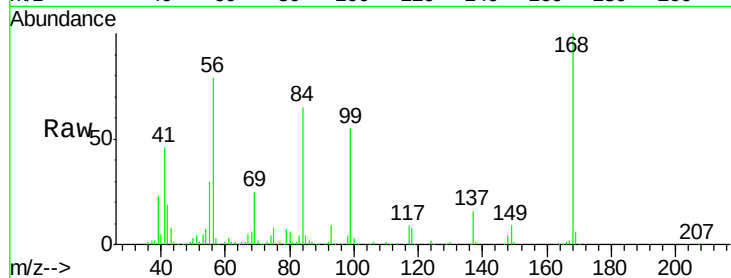
99 55.2 45.4 68.2

Manual Integrations

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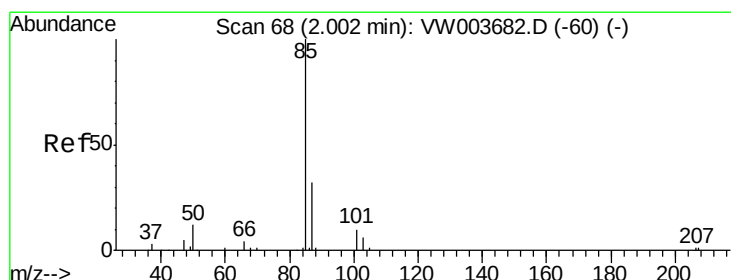
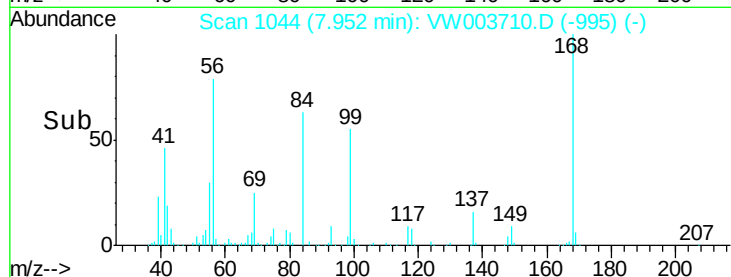
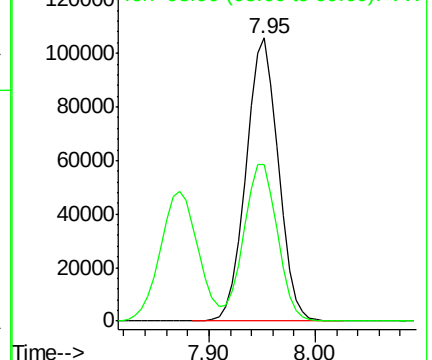
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 47.416 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW003710.D

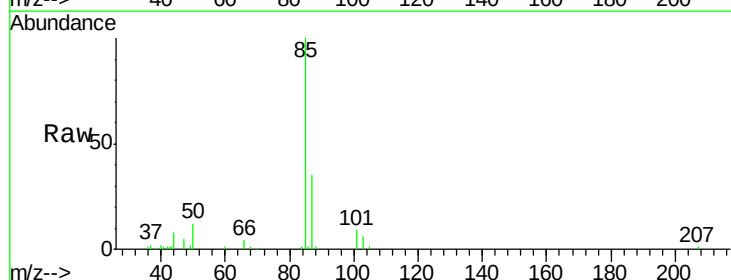
Acq: 03 Jul 2018 20:36

Tgt Ion: 85 Resp: 57529

Ion Ratio Lower Upper

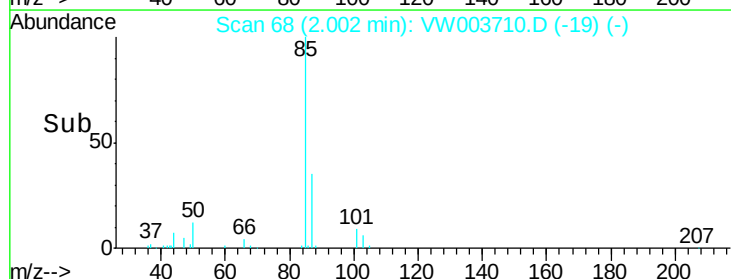
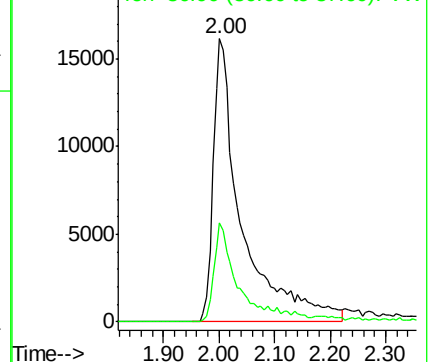
85 100

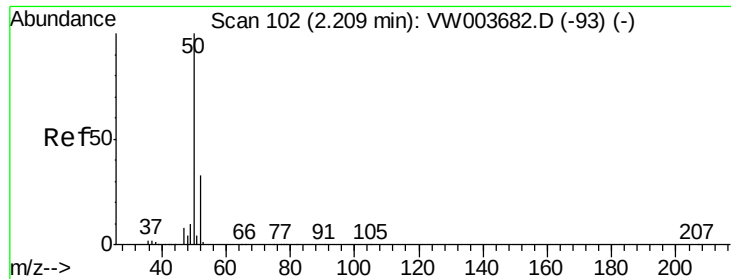
87 35.0 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 53.310 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003710.D

Acq: 03 Jul 2018 20:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 95679

Ion Ratio Lower Upper

50 100

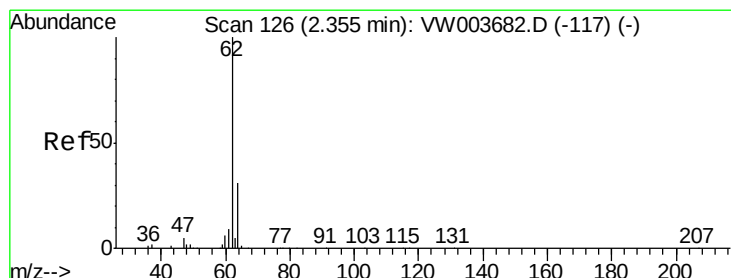
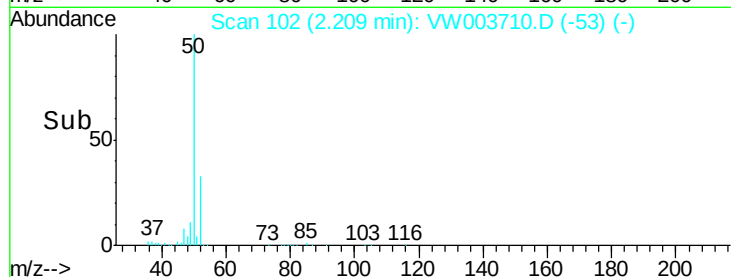
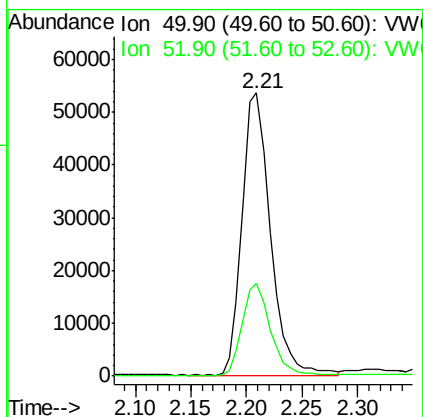
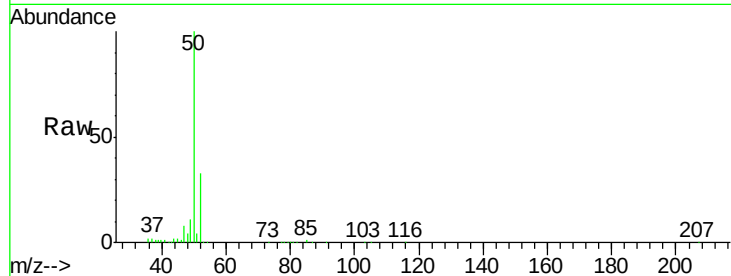
52 32.9 26.1 39.1

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#4

Vinyl Chloride

Concen: 55.343 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003710.D

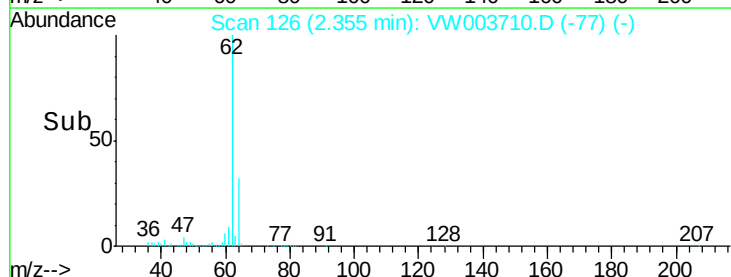
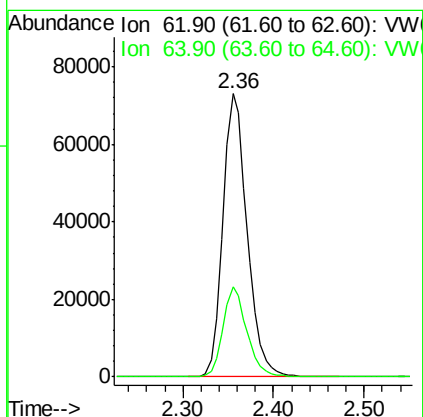
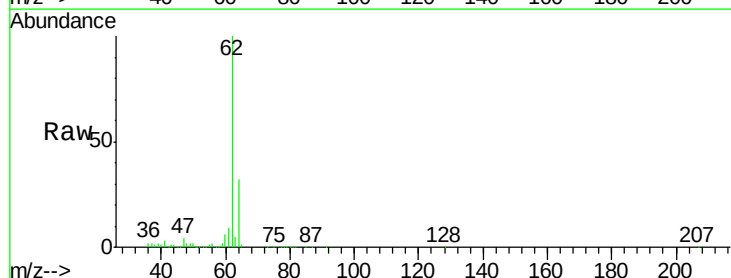
Acq: 03 Jul 2018 20:36

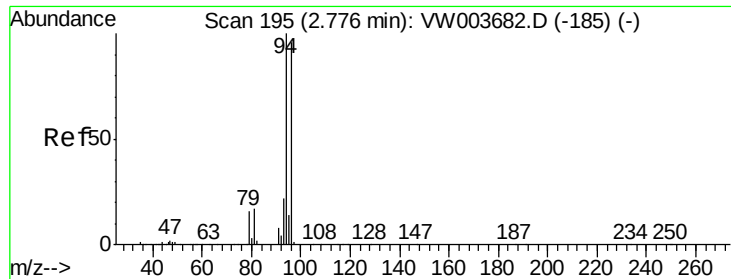
Tgt Ion: 62 Resp: 135522

Ion Ratio Lower Upper

62 100

64 31.9 25.1 37.7





#5

Bromomethane

Concen: 55.057 ug/l

RT: 2.78 min Scan# 195

Delta R.T. 0.00 min

Lab File: VW003710.D

Acq: 03 Jul 2018 20:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 88396

Ion Ratio Lower Upper

94 100

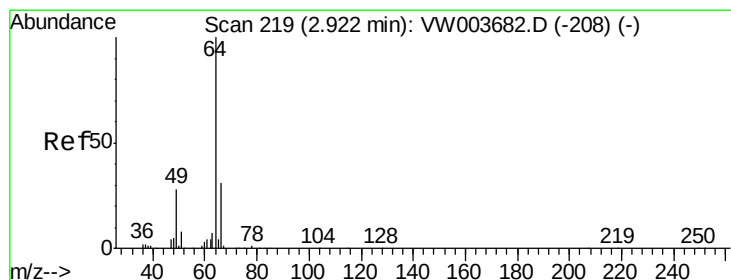
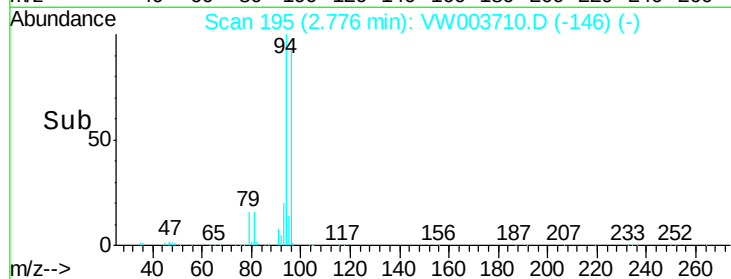
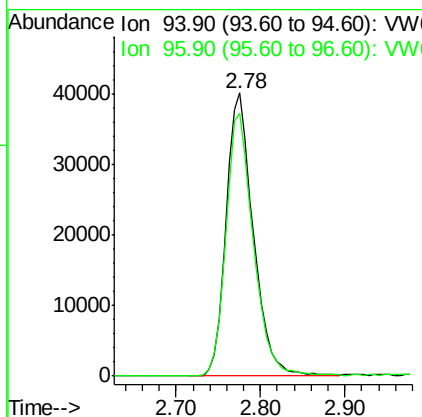
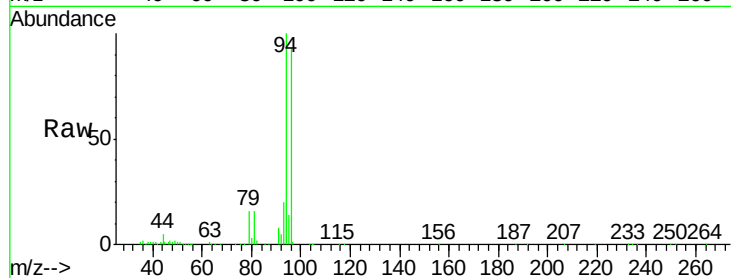
96 92.7 76.6 115.0

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#6

Chloroethane

Concen: 53.475 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW003710.D

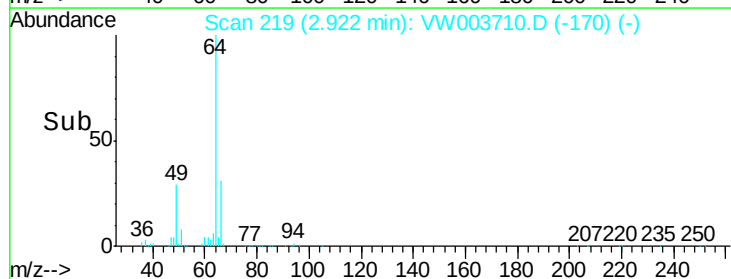
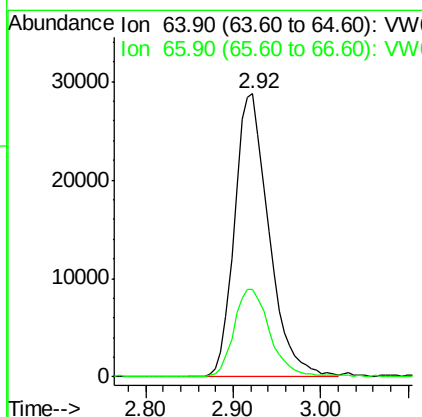
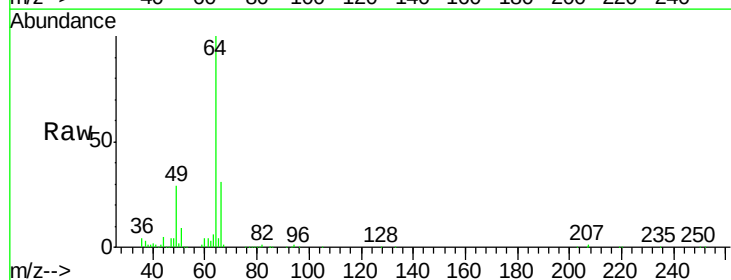
Acq: 03 Jul 2018 20:36

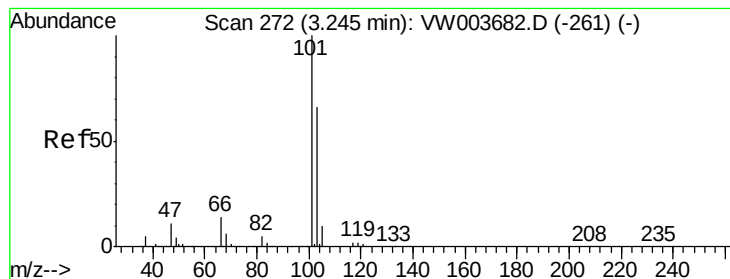
Tgt Ion: 64 Resp: 78792

Ion Ratio Lower Upper

64 100

66 30.8 25.0 37.6





#7

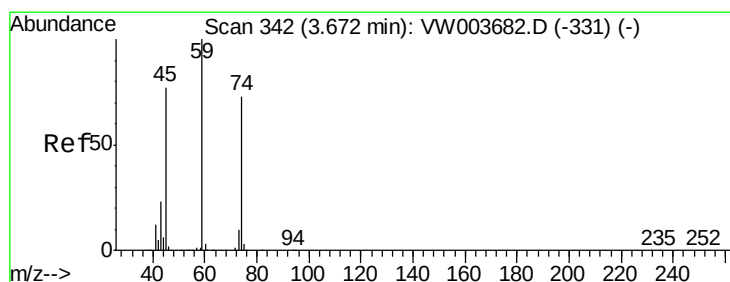
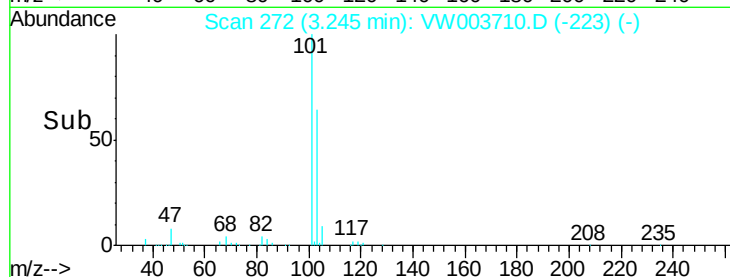
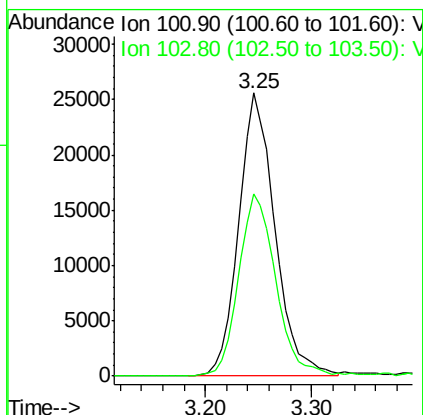
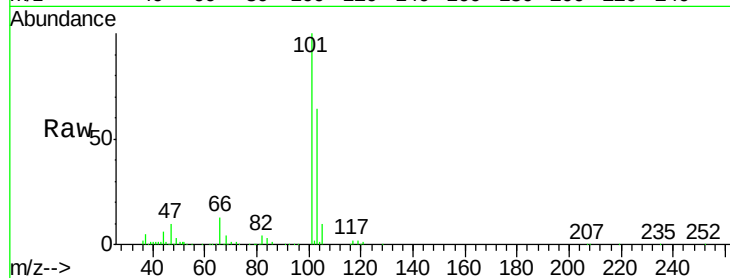
Trichlorofluoromethane
 Concen: 47.075 ug/l
 RT: 3.25 min Scan# 272
 Delta R.T. 0.00 min
 Lab File: VW003710.D
 Acq: 03 Jul 2018 20:36

Instrument :
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 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.2	52.9	79.3

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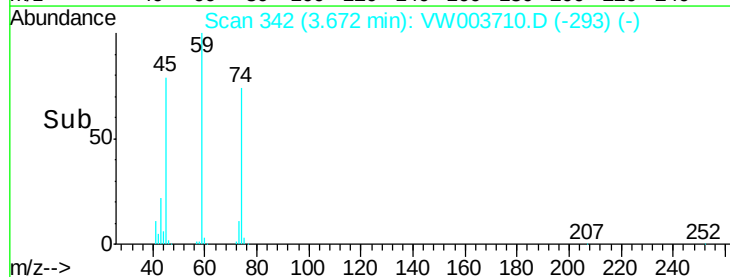
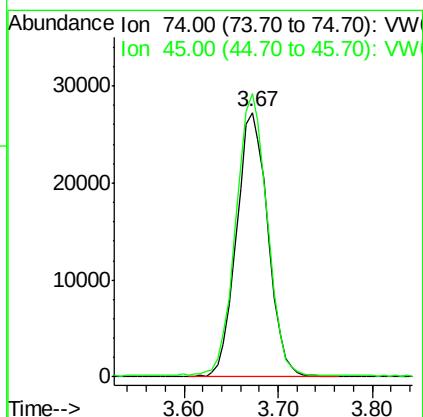
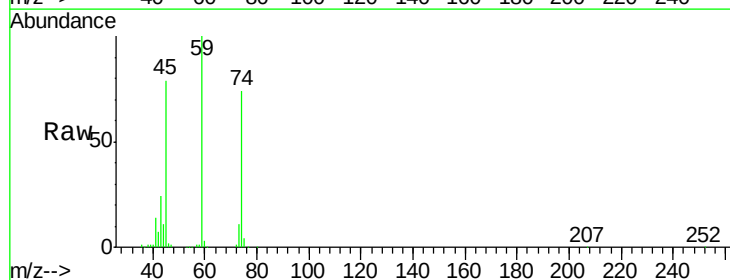
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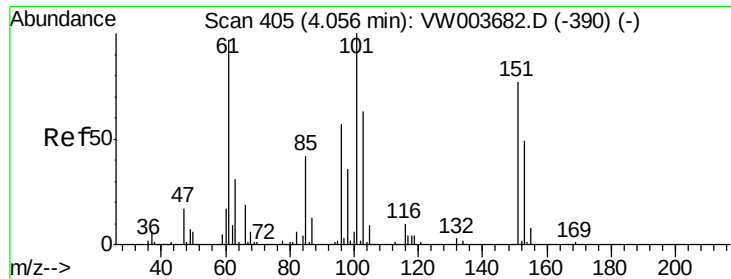


#8

Diethyl Ether
 Concen: 52.709 ug/l
 RT: 3.67 min Scan# 342
 Delta R.T. 0.00 min
 Lab File: VW003710.D
 Acq: 03 Jul 2018 20:36

Tgt Ion	Ratio	Lower	Upper
74	100		
45	108.0	53.5	160.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.452 ug/l

RT: 4.05 min Scan# 404

Delta R.T. -0.01 min

Lab File: VW003710.D

Acq: 03 Jul 2018 20:36

Instrument :

MSVOA_W

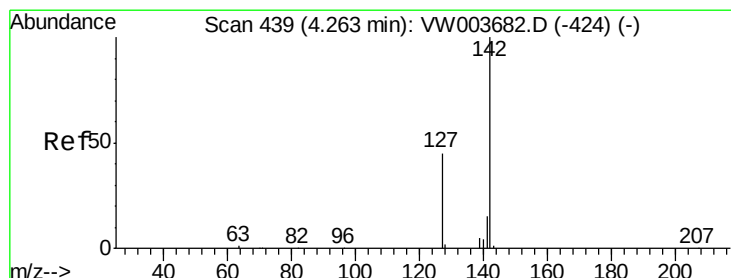
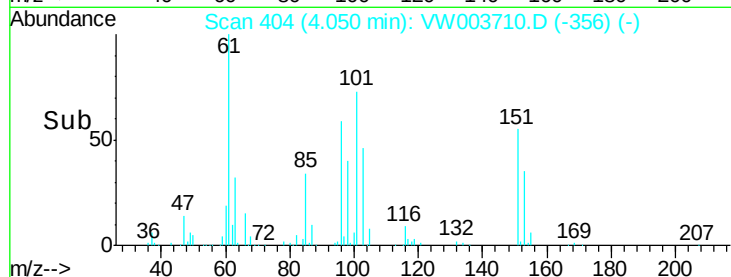
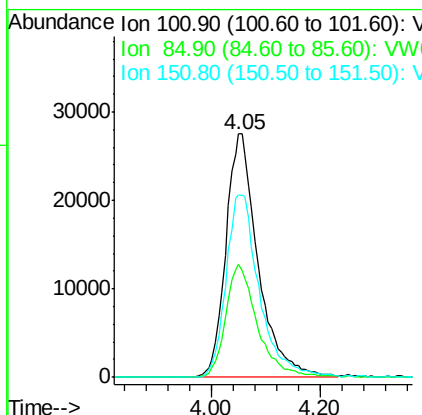
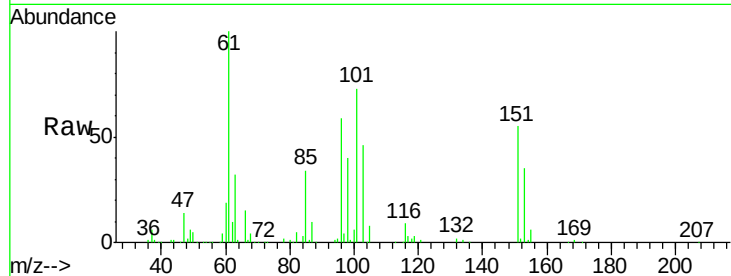
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	113505
Ion Ratio	Lower	Upper	
101	100		
85	45.6	36.6	55.0
151	77.8	62.4	93.6

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#10

Methyl Iodide

Concen: 54.525 ug/l

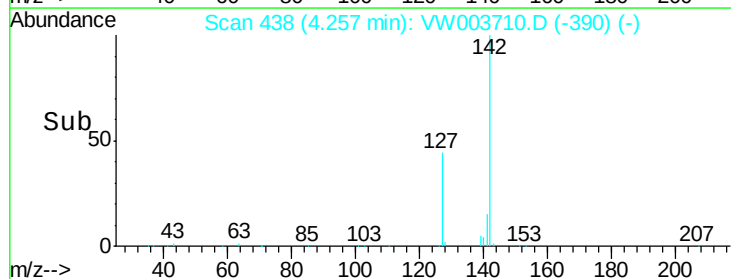
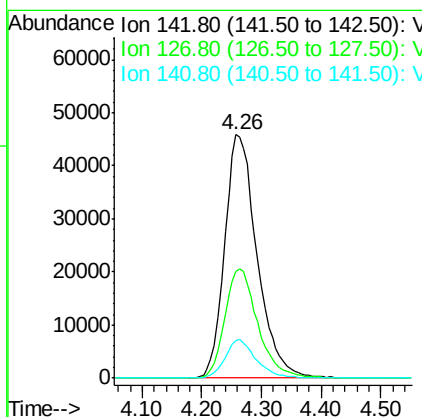
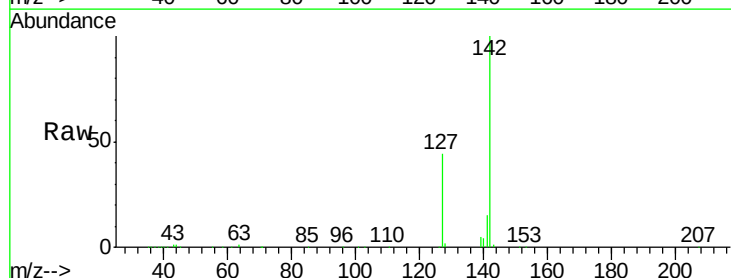
RT: 4.26 min Scan# 438

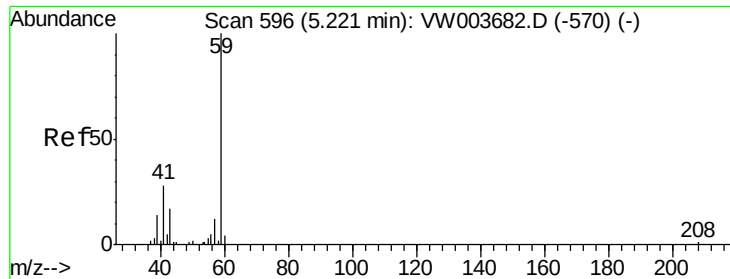
Delta R.T. -0.01 min

Lab File: VW003710.D

Acq: 03 Jul 2018 20:36

Tgt Ion:	142	Resp:	173259
Ion Ratio	Lower	Upper	
142	100		
127	45.5	36.0	54.0
141	15.1	11.9	17.9





#11

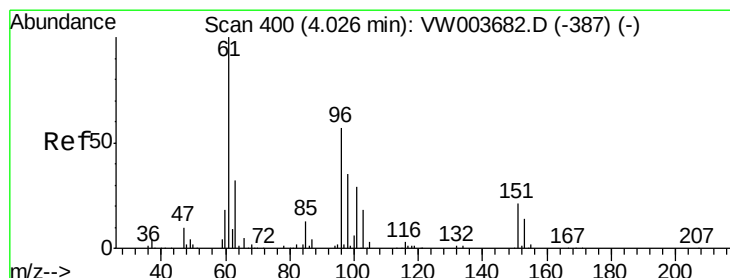
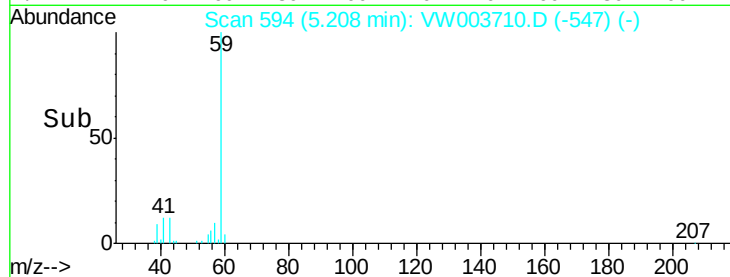
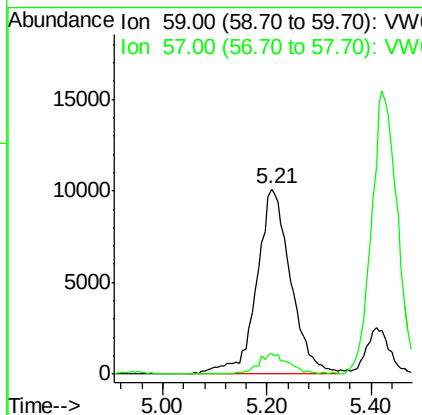
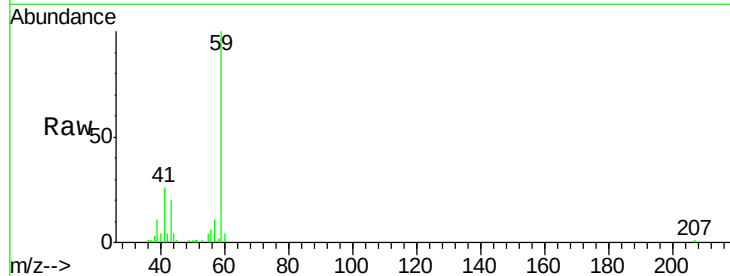
Tert butyl alcohol
 Concen: 271.268 ug/l
 RT: 5.21 min Scan# 594
 Delta R.T. -0.01 min
 Lab File: VW003710.D
 Acq: 03 Jul 2018 20:36

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050EC

Tot Ion	59	Resp	45596
Ion Ratio	100	Lower	Upper
57	9.9	9.0	13.4

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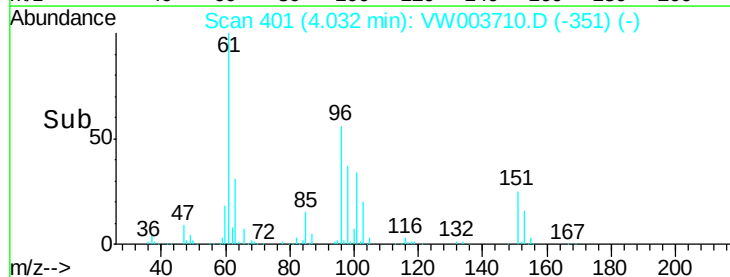
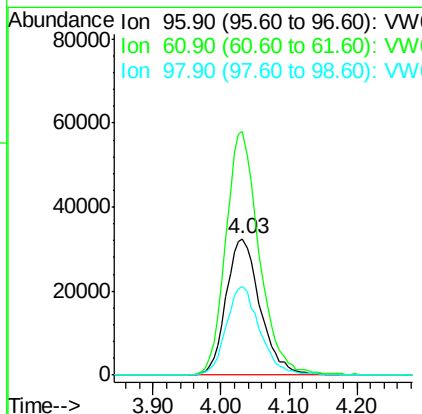
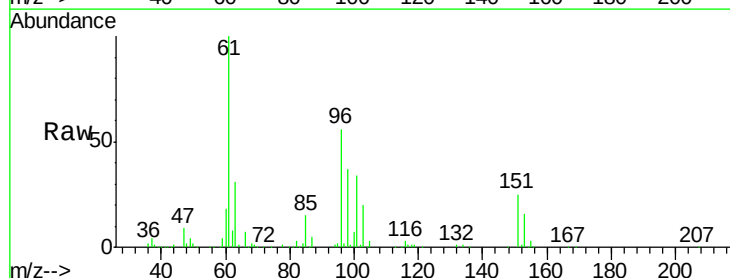
apatel
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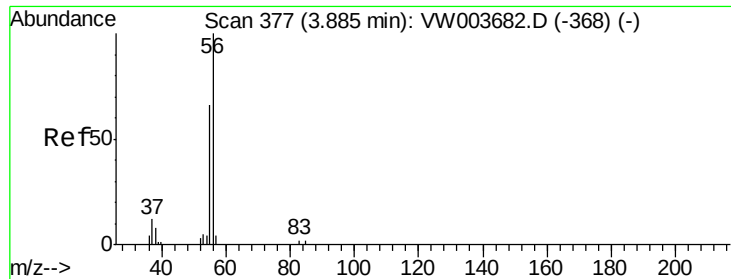


#12

1,1-Dichloroethene
 Concen: 52.443 ug/l
 RT: 4.03 min Scan# 401
 Delta R.T. 0.01 min
 Lab File: VW003710.D
 Acq: 03 Jul 2018 20:36

Tgt Ion	96	Resp	113109
Ion Ratio	100	Lower	Upper
61	178.3	140.6	211.0
98	65.3	49.4	74.0





#13

Acrolein

Concen: 333.246 ug/l

RT: 3.89 min Scan# 378

Delta R.T. 0.01 min

Lab File: VW003710.D

Acq: 03 Jul 2018 20:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 27179

Ion Ratio Lower Upper

56 100

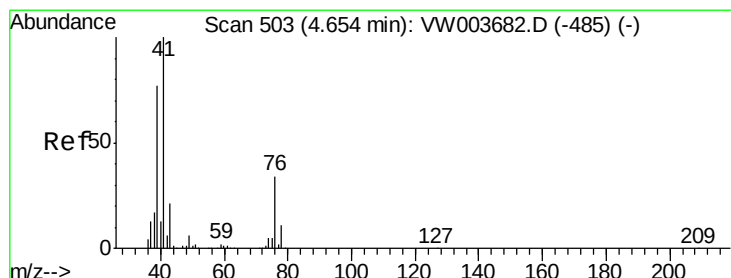
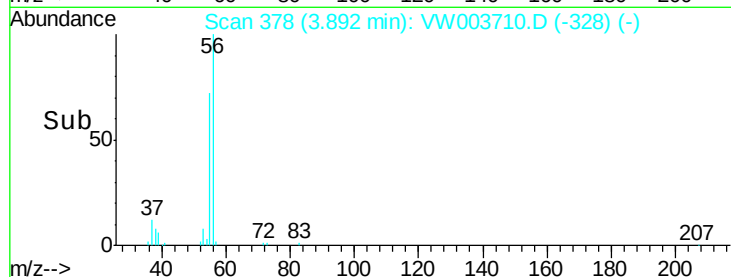
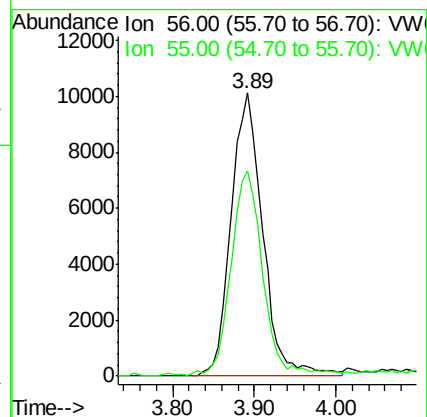
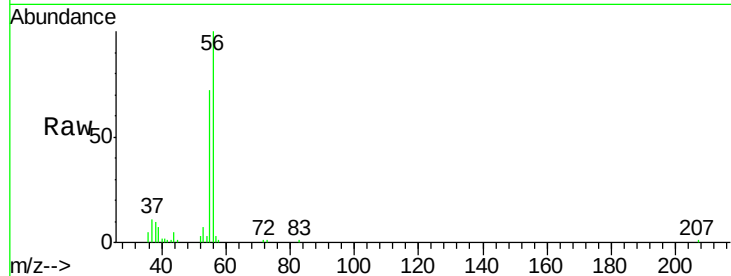
55 71.7 54.7 82.1

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#14

Allyl chloride

Concen: 54.160 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.01 min

Lab File: VW003710.D

Acq: 03 Jul 2018 20:36

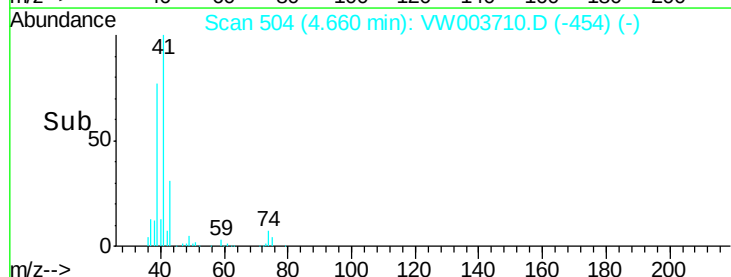
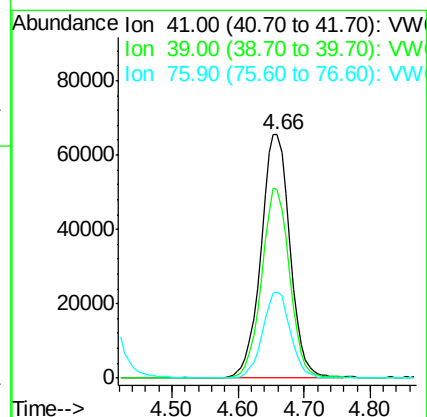
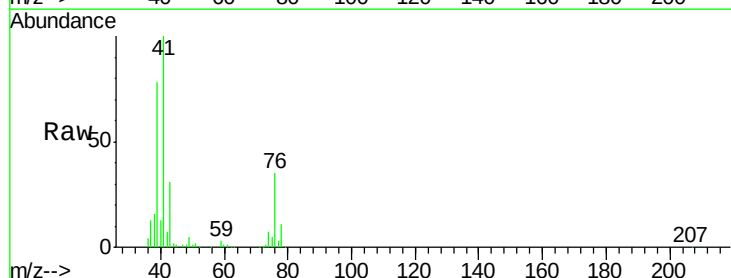
Tgt Ion: 41 Resp: 199782

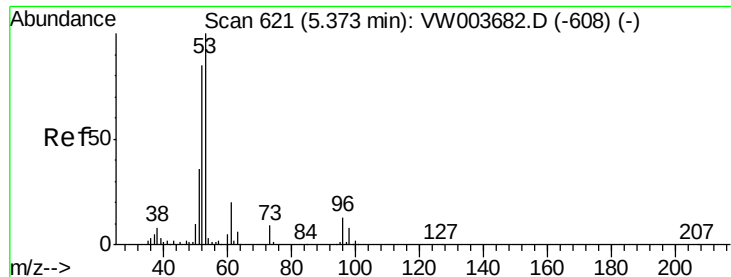
Ion Ratio Lower Upper

41 100

39 75.6 60.1 90.1

76 33.8 27.2 40.8





#15

Acrylonitrile

Concen: 273.299 ug/l

RT: 5.37 min Scan# 621

Delta R.T. 0.00 min

Lab File: VW003710.D

Acq: 03 Jul 2018 20:36

Instrument :

MSVOA_W

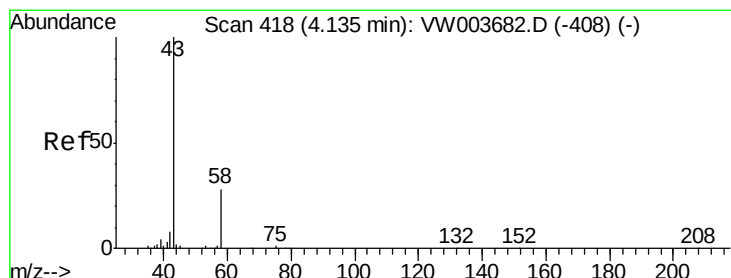
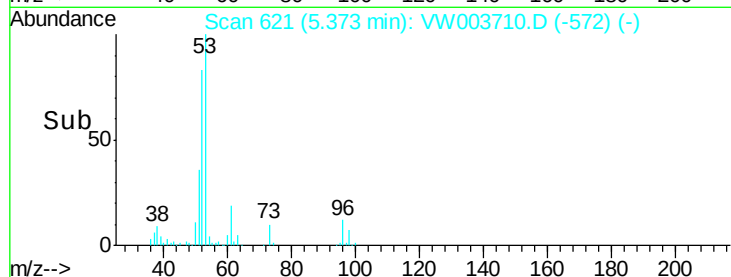
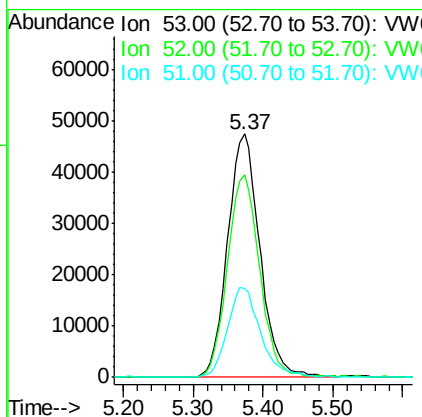
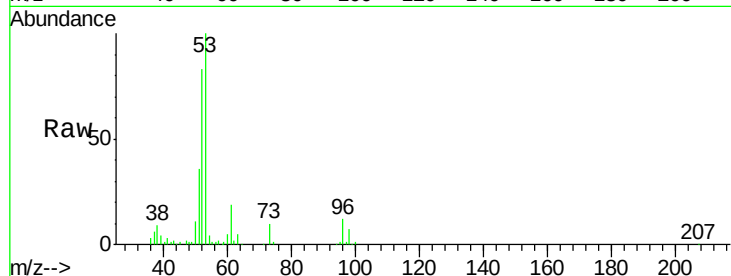
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	152723
Ion	Ratio	Lower	Upper
53	100		
52	83.1	66.8	100.2
51	37.7	30.2	45.4

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#16

Acetone

Concen: 226.522 ug/l

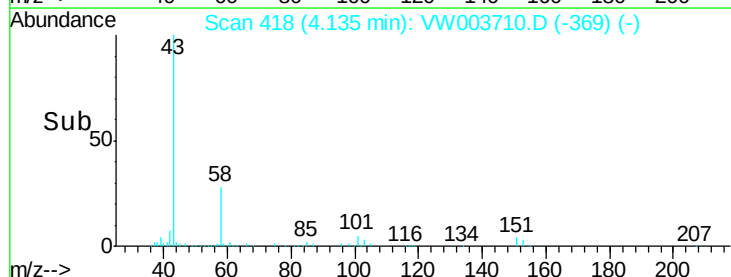
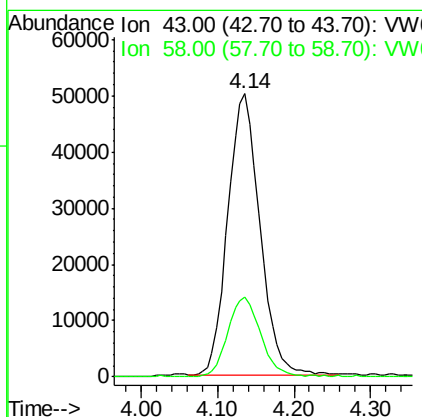
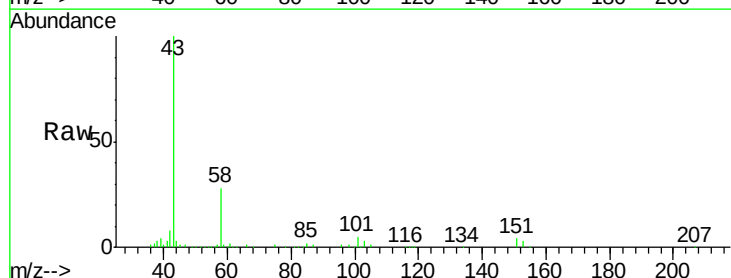
RT: 4.14 min Scan# 418

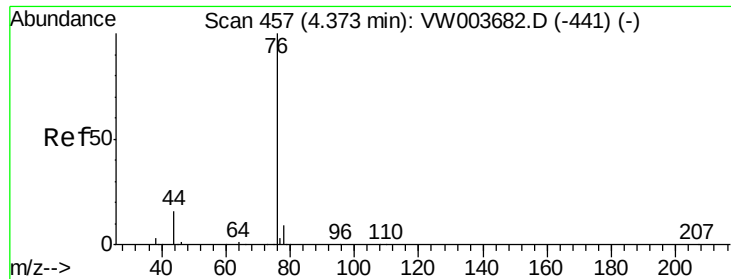
Delta R.T. 0.00 min

Lab File: VW003710.D

Acq: 03 Jul 2018 20:36

Tgt Ion:	43	Resp:	145247
Ion	Ratio	Lower	Upper
43	100		
58	28.0	22.7	34.1





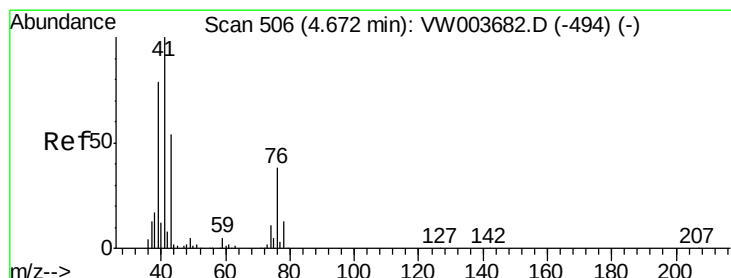
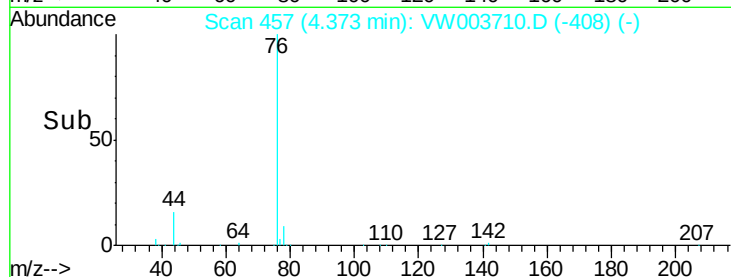
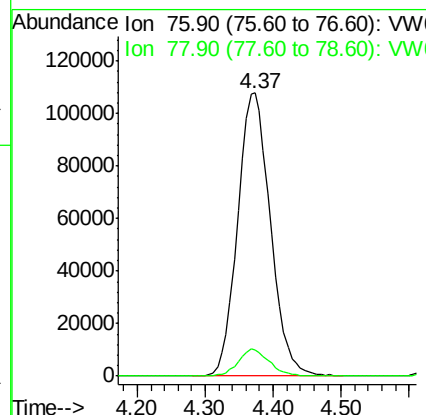
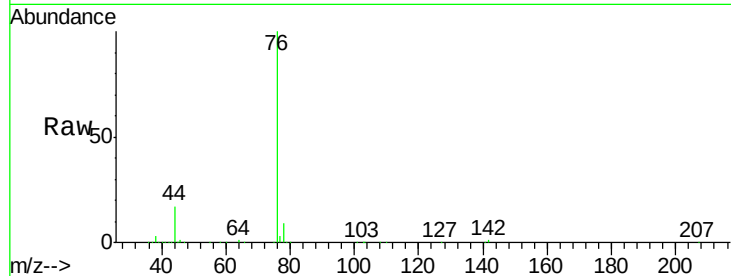
#17
Carbon Disulfide
Concen: 55.742 ug/l
RT: 4.37 min Scan# 457
Delta R.T. 0.00 min
Lab File: VW003710.D
Acq: 03 Jul 2018 20:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.4	11.2

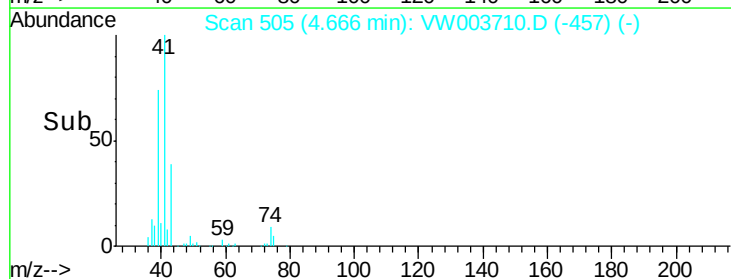
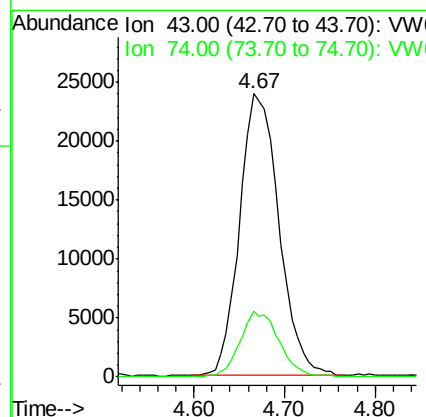
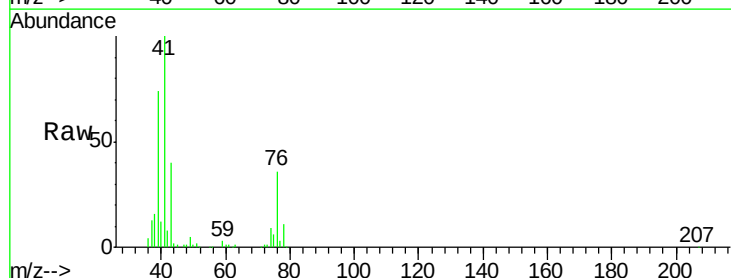
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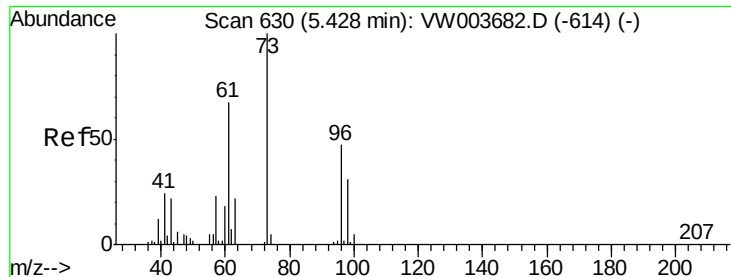
apatel
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#18
Methyl Acetate
Concen: 51.590 ug/l
RT: 4.67 min Scan# 505
Delta R.T. -0.01 min
Lab File: VW003710.D
Acq: 03 Jul 2018 20:36

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.1	18.2	27.2





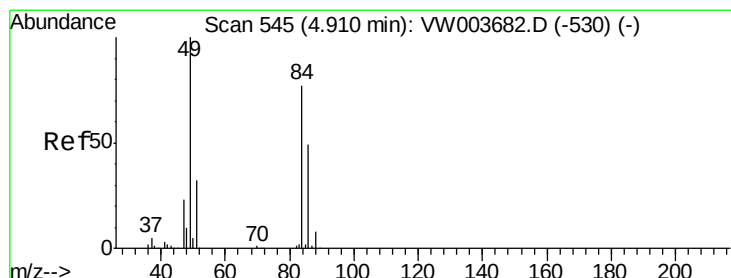
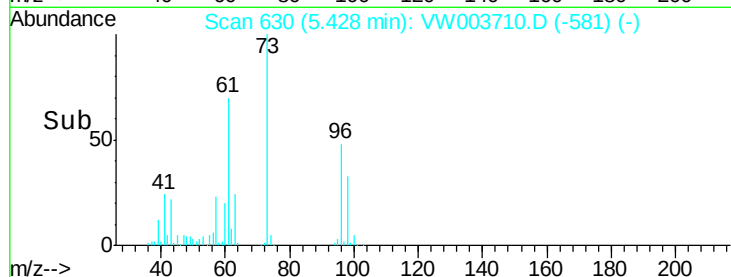
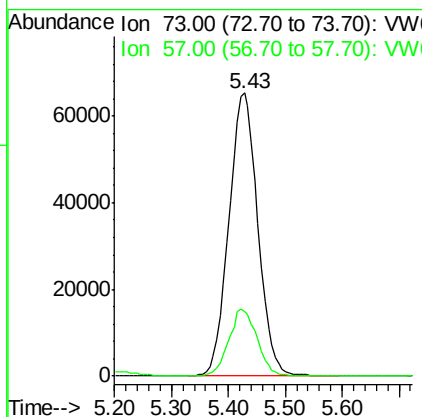
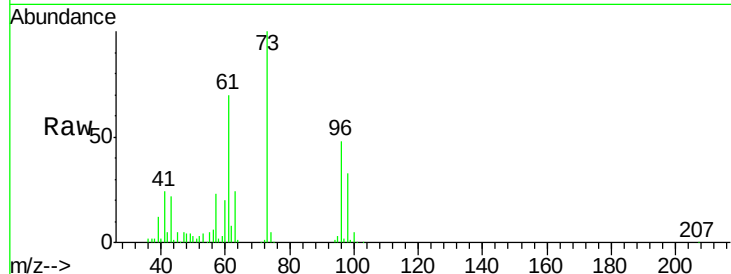
#19
Methyl tert-butyl Ether
Concen: 55.013 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW003710.D
Acq: 03 Jul 2018 20:36

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050EC

Tot Ion: 73 Resp: 231763
Ion Ratio Lower Upper
73 100
57 22.7 18.1 27.1

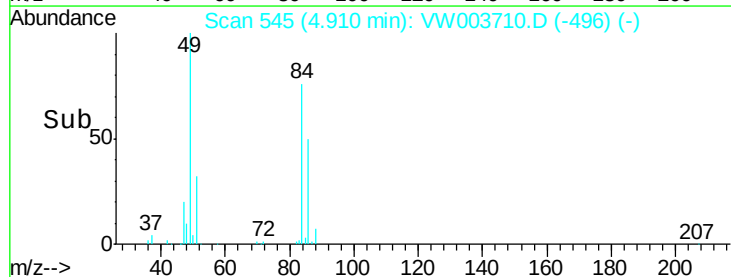
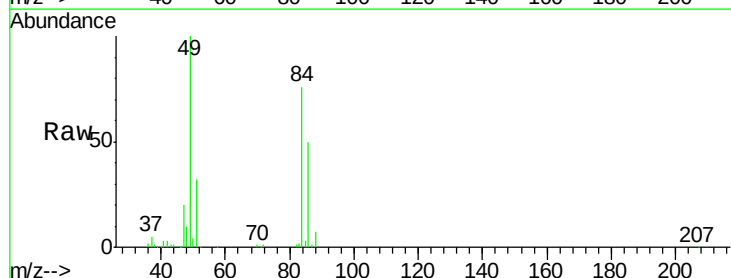
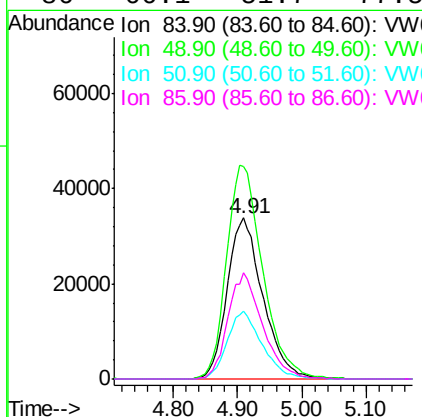
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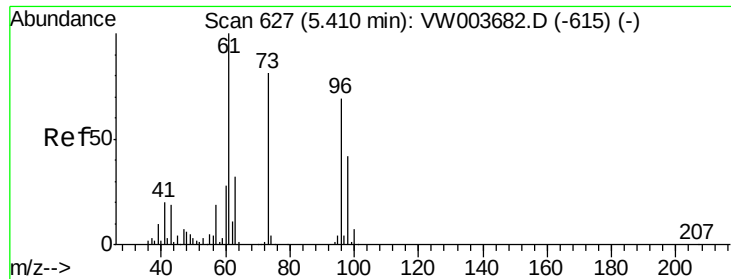
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#20
Methylene Chloride
Concen: 53.668 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003710.D
Acq: 03 Jul 2018 20:36

Tgt Ion: 84 Resp: 131230
Ion Ratio Lower Upper
84 100
49 132.2 104.6 156.8
51 42.2 33.2 49.8
86 66.1 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 54.139 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.01 min

Lab File: VW003710.D

Acq: 03 Jul 2018 20:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 127885

Ion Ratio Lower Upper

96 100

61 147.0 116.8 175.2

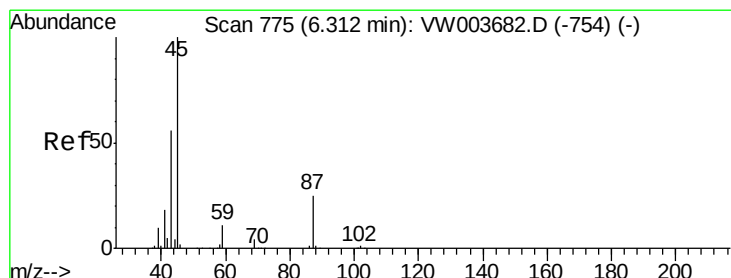
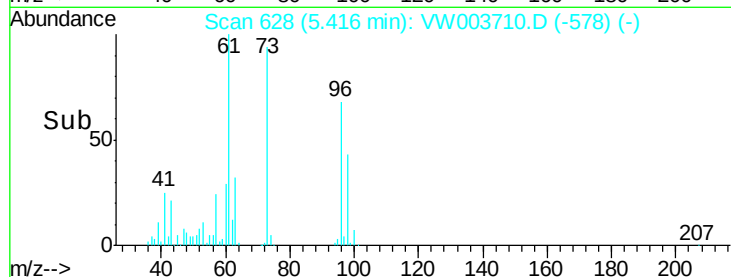
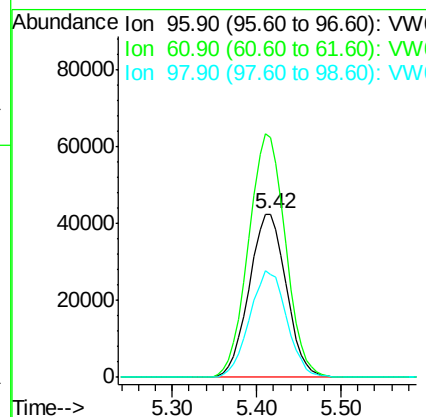
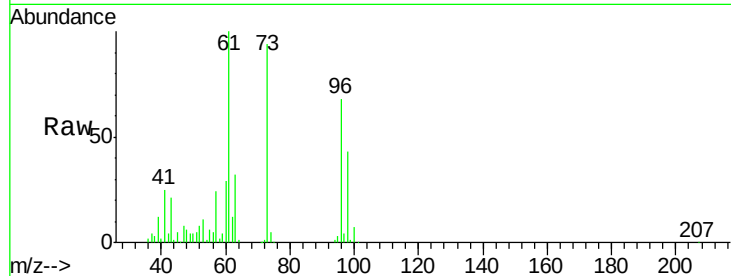
98 63.2 49.6 74.4

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#22

Diisopropyl ether

Concen: 55.831 ug/l

RT: 6.31 min Scan# 775

Delta R.T. 0.00 min

Lab File: VW003710.D

Acq: 03 Jul 2018 20:36

Tgt Ion: 45 Resp: 422238

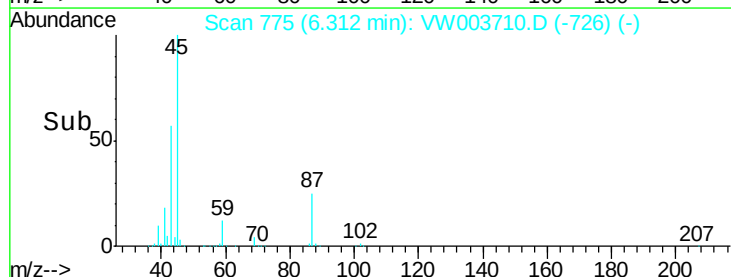
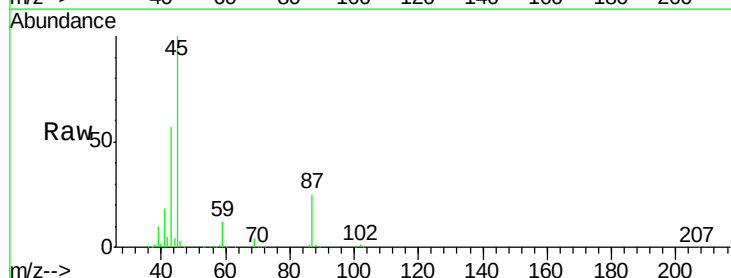
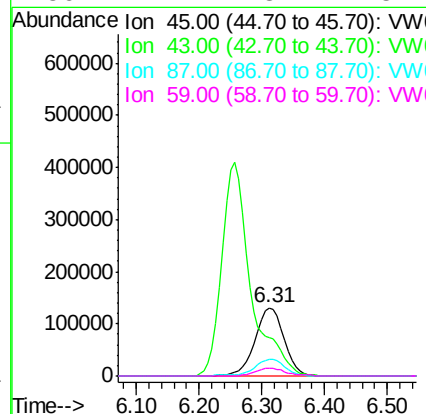
Ion Ratio Lower Upper

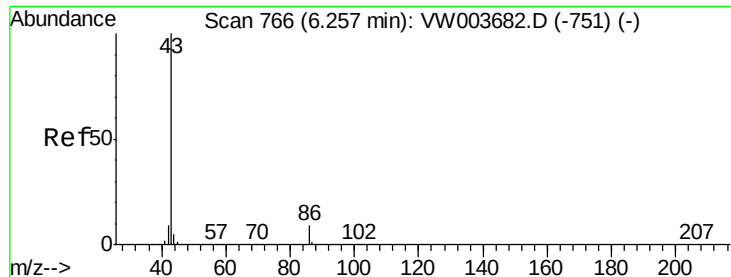
45 100

43 56.7 44.5 66.7

87 25.1 20.2 30.4

59 11.7 8.7 13.1





#23

Vinyl Acetate

Concen: 256.284 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW003710.D

Acq: 03 Jul 2018 20:36

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050EC

Tot Ion: 43 Resp: 1316052

Ion Ratio Lower Upper

43 100

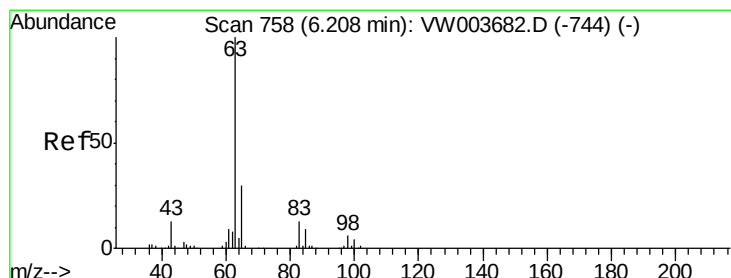
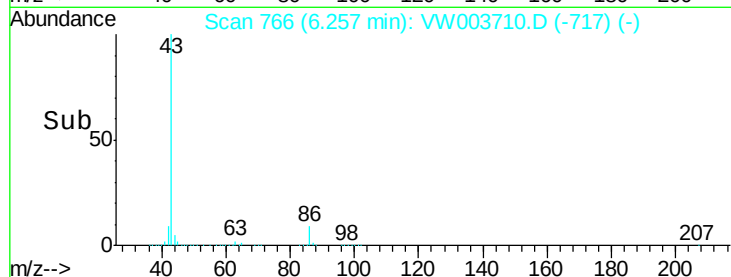
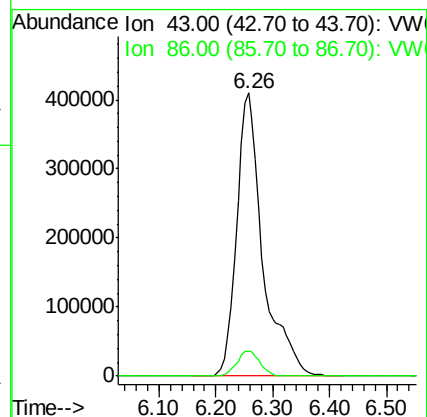
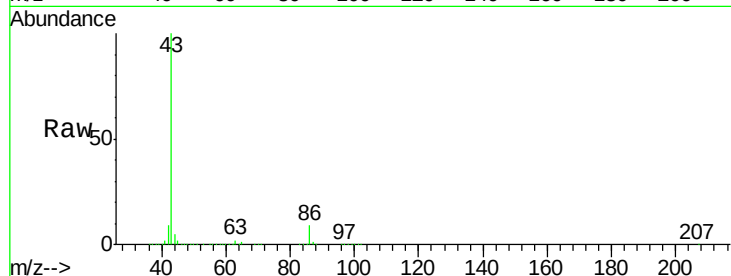
86 8.9 7.5 11.3

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#24

1,1-Dichloroethane

Concen: 53.458 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.01 min

Lab File: VW003710.D

Acq: 03 Jul 2018 20:36

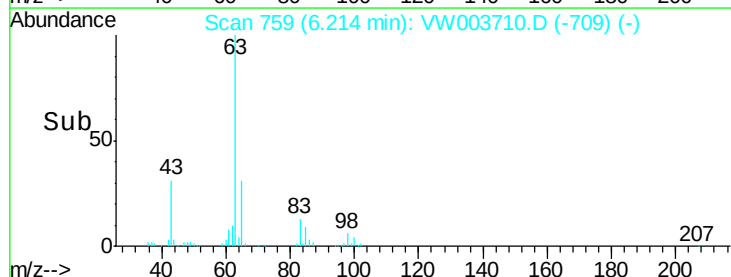
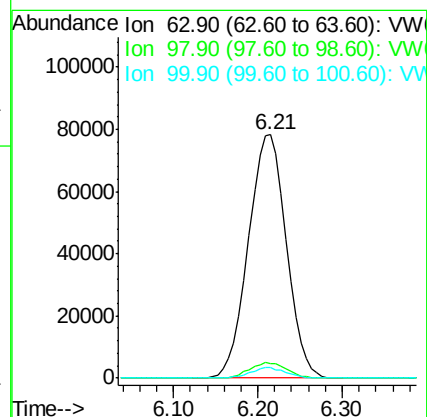
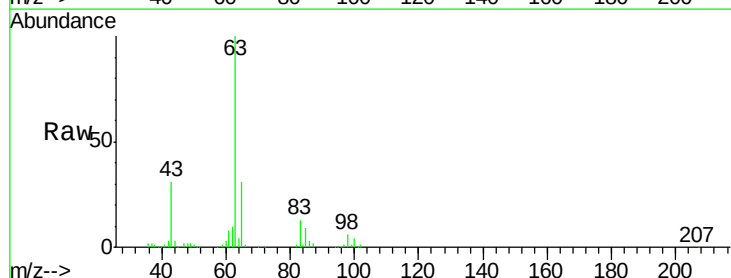
Tgt Ion: 63 Resp: 241102

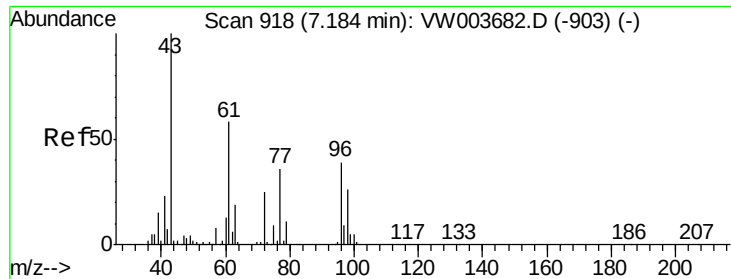
Ion Ratio Lower Upper

63 100

98 6.2 2.9 8.6

100 4.2 1.9 5.7





#25

2-Butanone

Concen: 264.458 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.01 min

Lab File: VW003710.D

Acq: 03 Jul 2018 20:36

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050EC

Tot Ion: 43 Resp: 217129

Ion Ratio Lower Upper

43 100

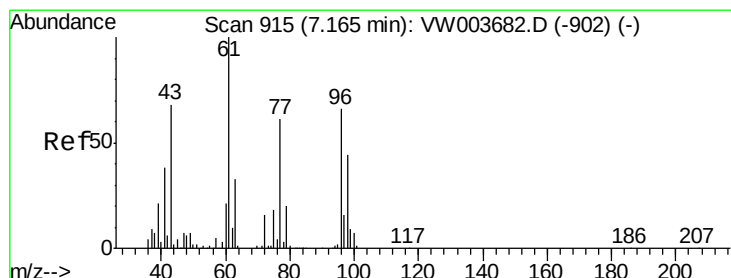
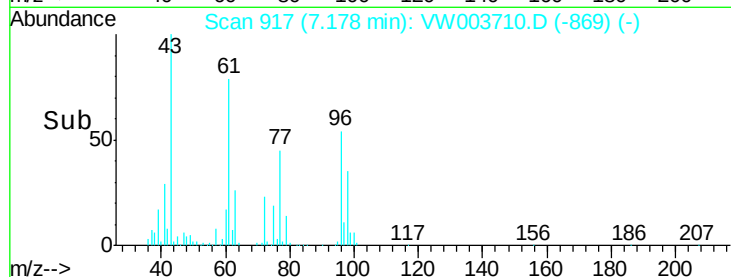
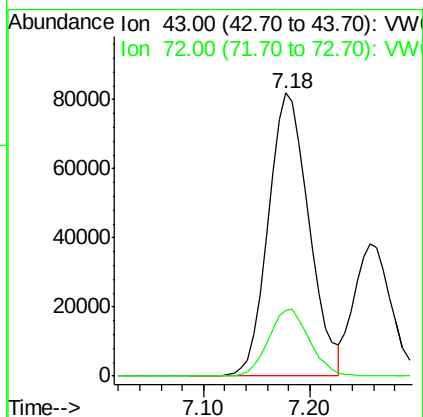
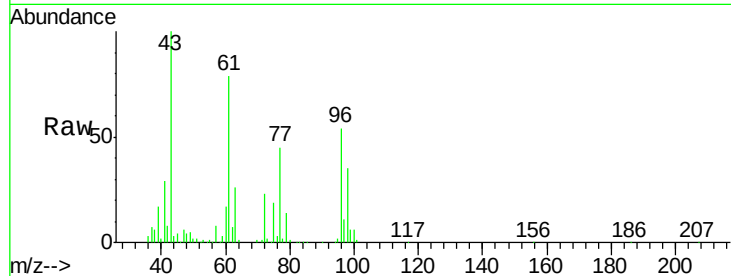
72 23.1 20.2 30.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 47.740 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW003710.D

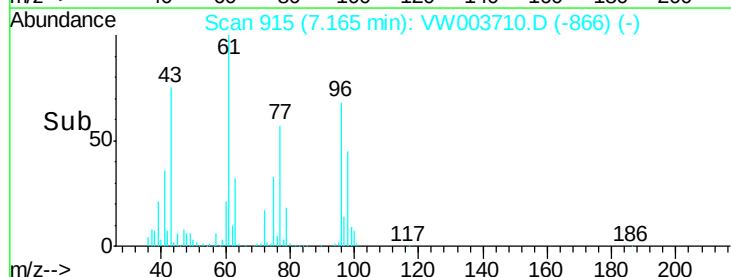
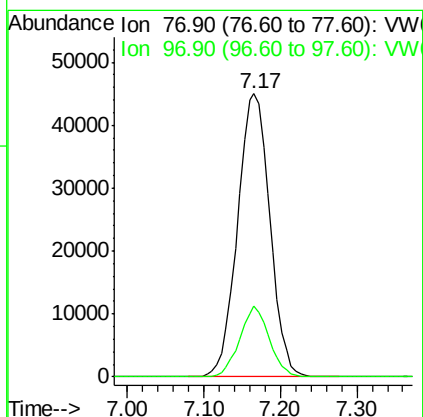
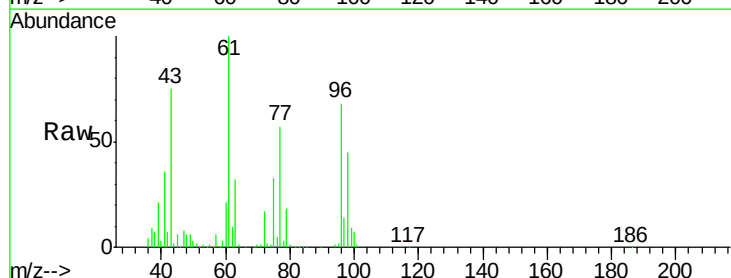
Acq: 03 Jul 2018 20:36

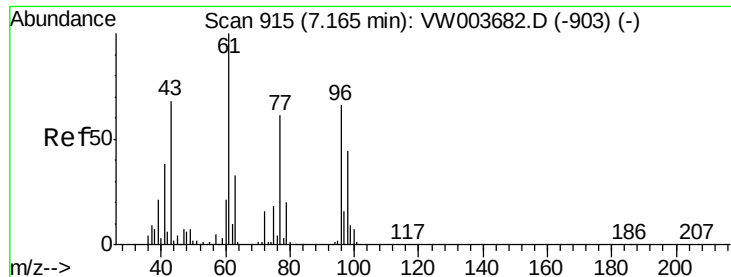
Tgt Ion: 77 Resp: 132018

Ion Ratio Lower Upper

77 100

97 22.8 11.7 35.1





#27

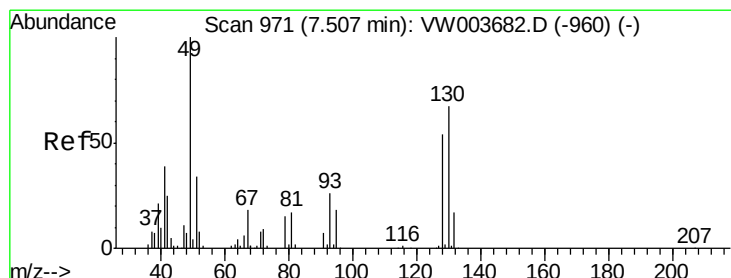
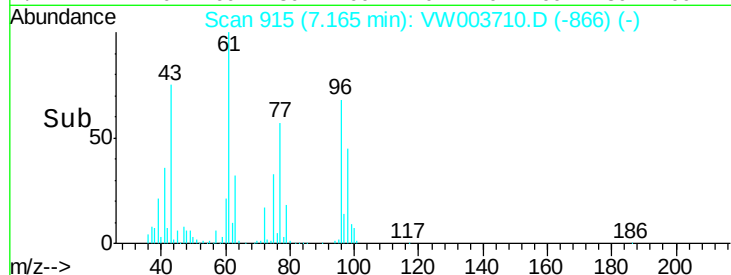
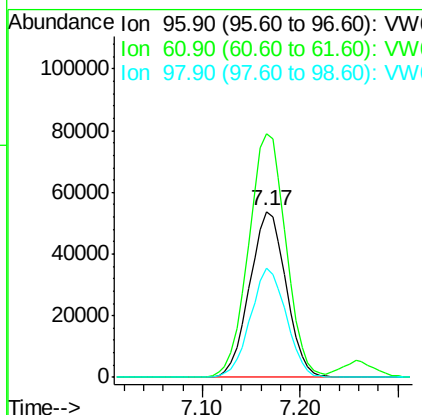
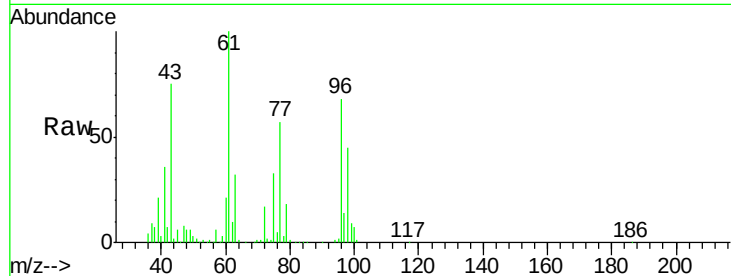
cis-1,2-Dichloroethene
 Concen: 54.128 ug/l
 RT: 7.17 min Scan# 915
 Delta R.T. 0.00 min
 Lab File: VW003710.D
 Acq: 03 Jul 2018 20:36

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	150.3	0.0	305.0
98	64.8	0.0	129.6

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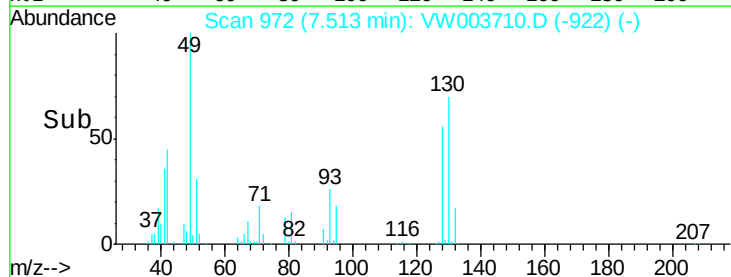
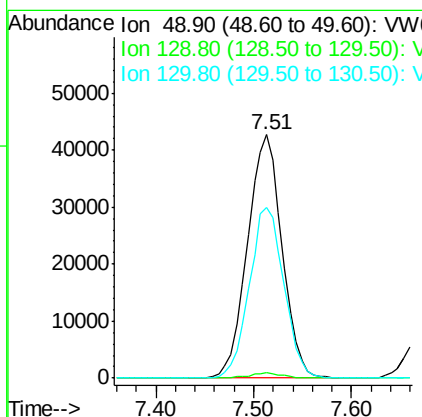
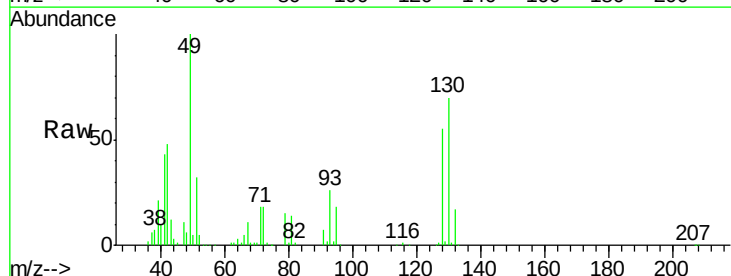
apatel
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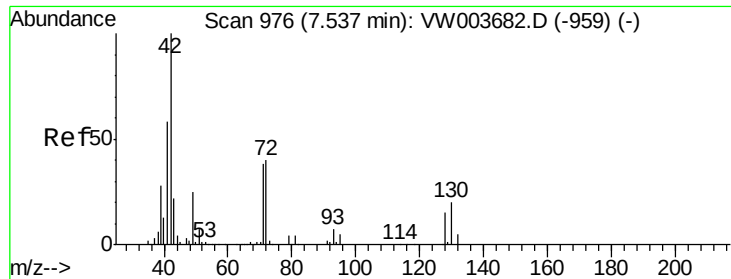


#28

Bromochloromethane
 Concen: 52.623 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. 0.01 min
 Lab File: VW003710.D
 Acq: 03 Jul 2018 20:36

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	3.0
130	70.4	57.0	85.6





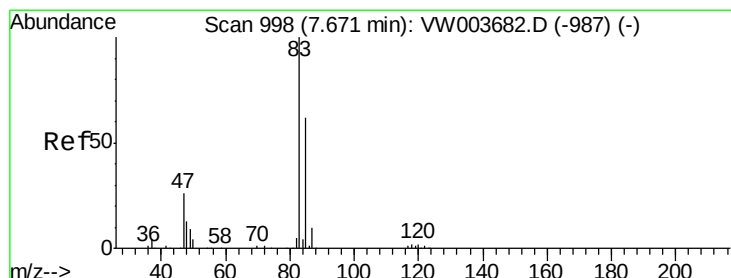
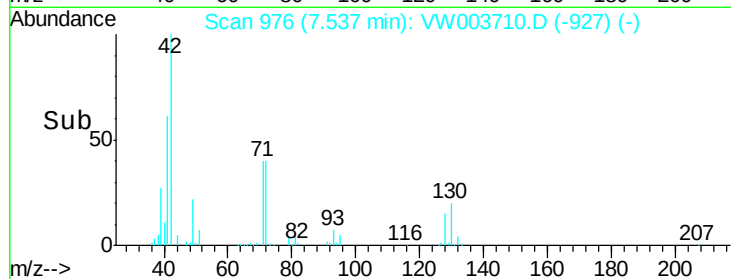
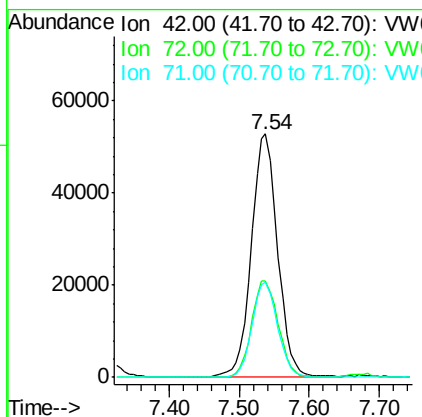
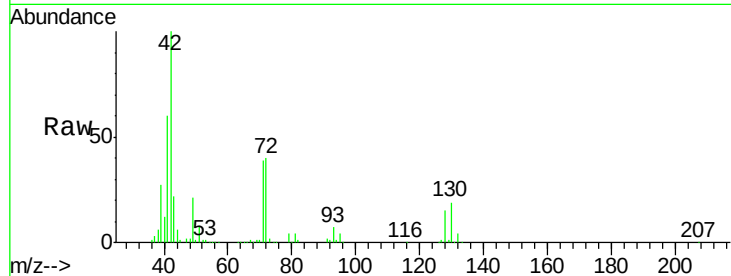
#29
Tetrahydrofuran
Concen: 280.249 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.00 min
Lab File: VW003710.D
Acq: 03 Jul 2018 20:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.2	32.0	48.0
71	38.2	30.2	45.2

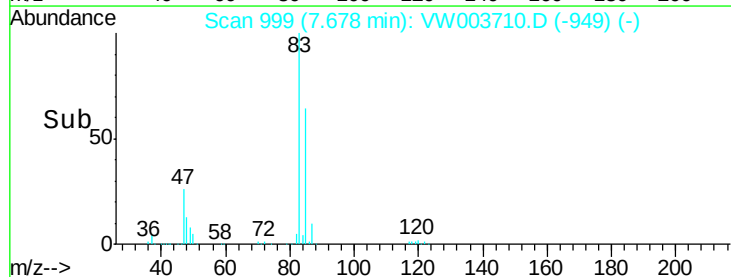
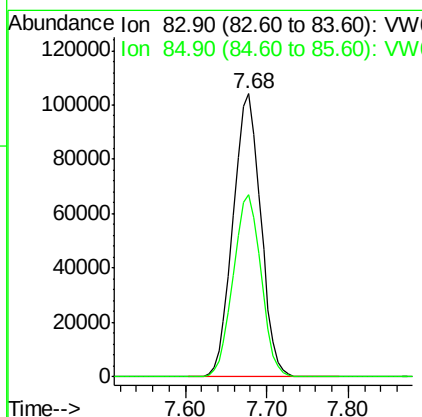
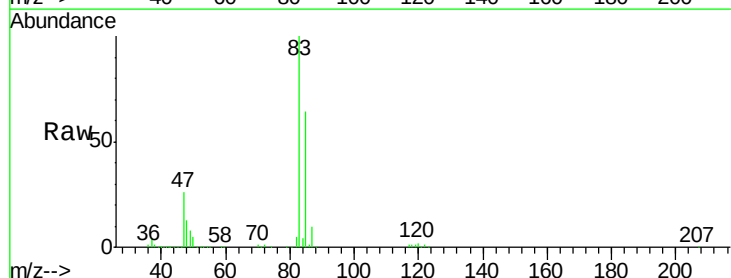
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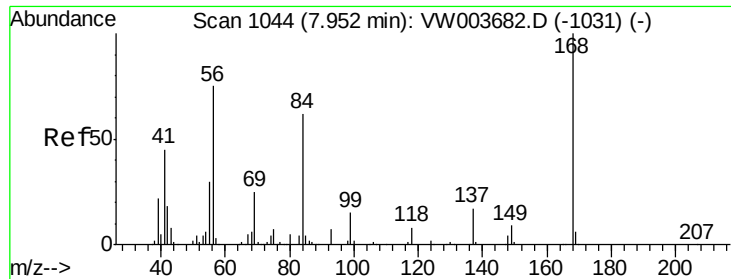
apatel
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#30
Chloroform
Concen: 53.513 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.01 min
Lab File: VW003710.D
Acq: 03 Jul 2018 20:36

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	49.7	74.5





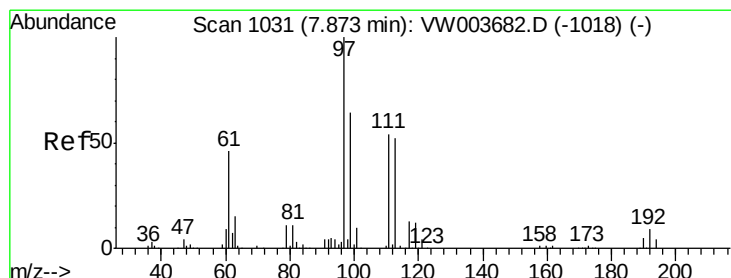
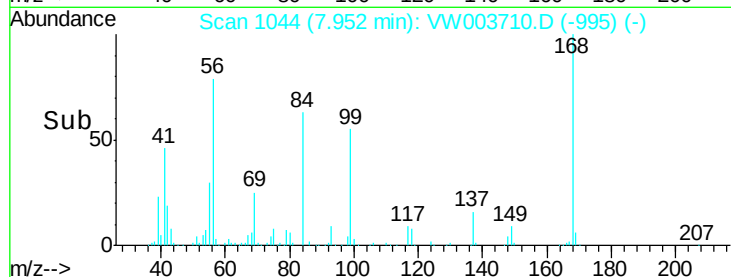
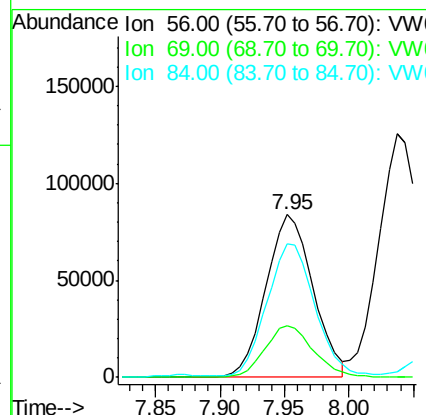
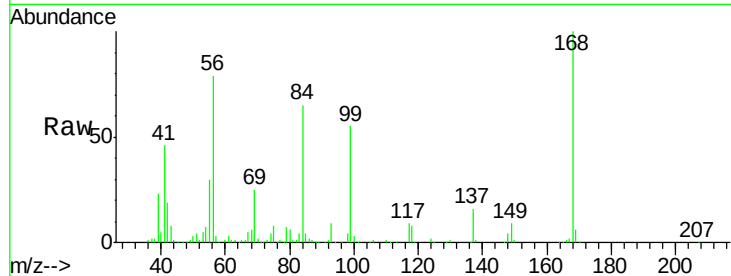
#31
Cyclohexane
Concen: 51.778 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. 0.00 min
Lab File: VW003710.D
Acq: 03 Jul 2018 20:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
56	100	212625		
69	31.3		27.0	40.4
84	80.6		65.4	98.0

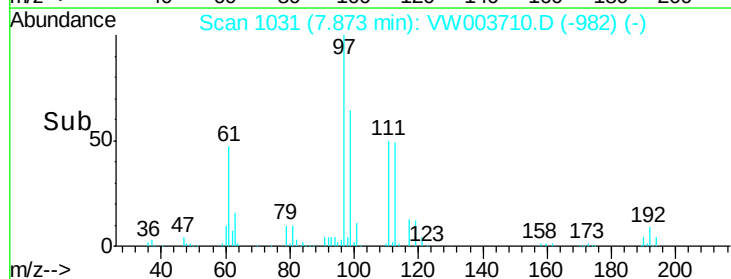
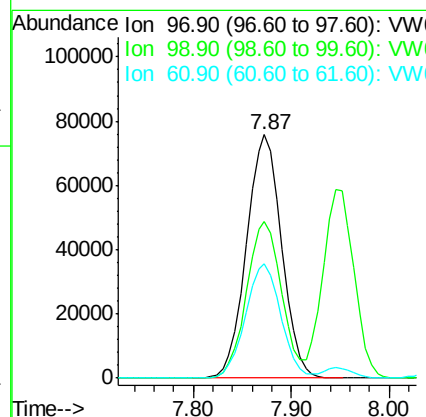
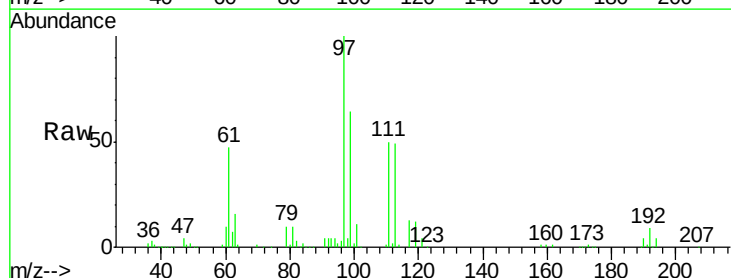
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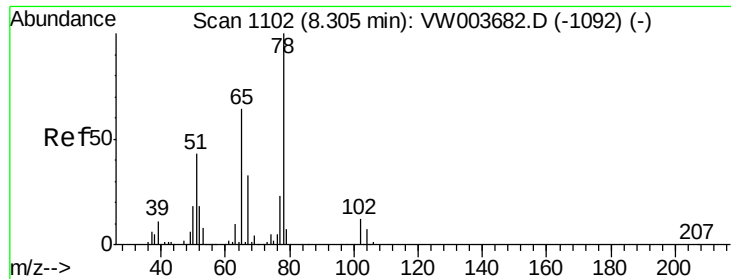
apatel
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#32
1,1,1-Trichloroethane
Concen: 53.213 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VW003710.D
Acq: 03 Jul 2018 20:36

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	188913		
99	63.9		50.6	76.0
61	47.2		37.2	55.8





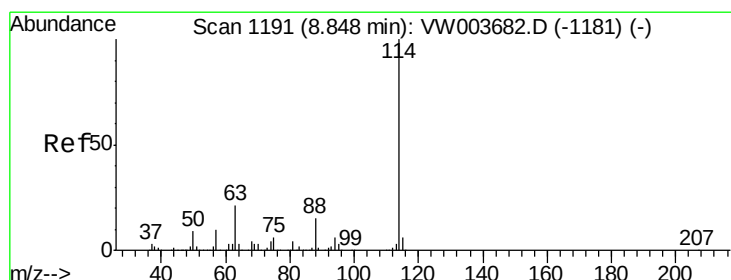
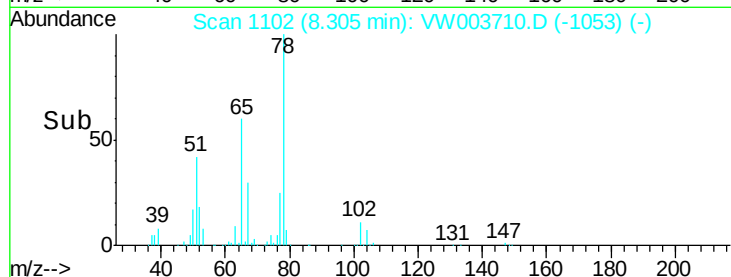
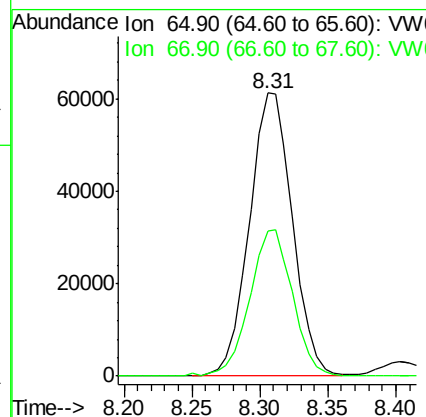
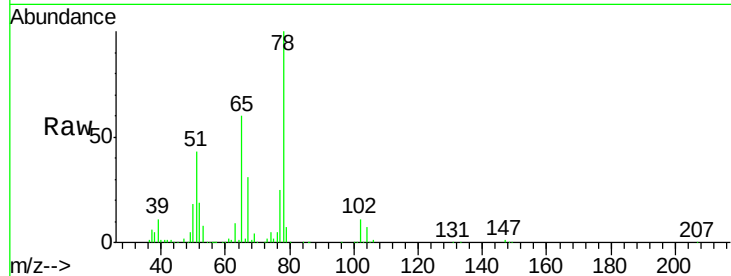
#33
 1,2-Dichloroethane-d4
 Concen: 50.445 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: VW003710.D
 Acq: 03 Jul 2018 20:36

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	104.0

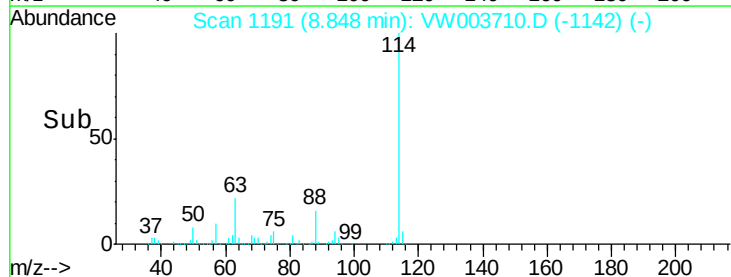
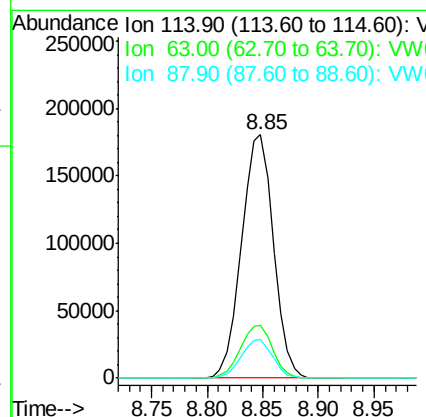
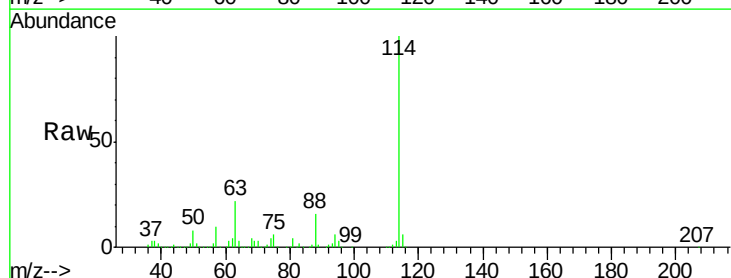
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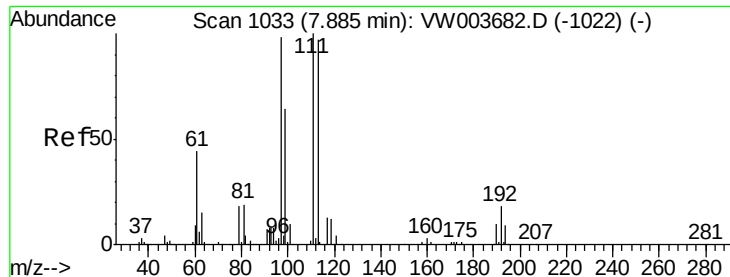
apatel
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003710.D
 Acq: 03 Jul 2018 20:36

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	41.6
88	15.9	0.0	29.8





#35

Dibromofluoromethane

Concen: 50.080 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VW003710.D

Acq: 03 Jul 2018 20:36

Instrument :

MSVOA_W

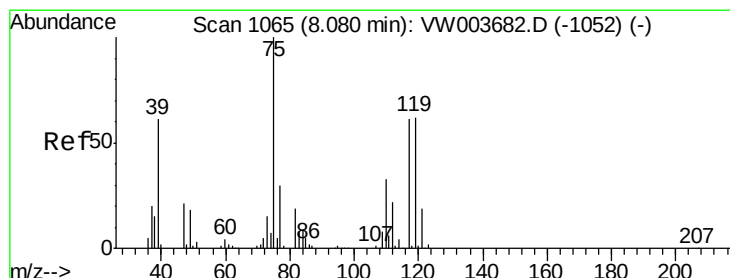
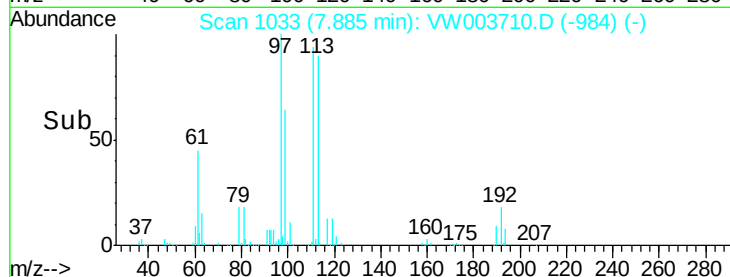
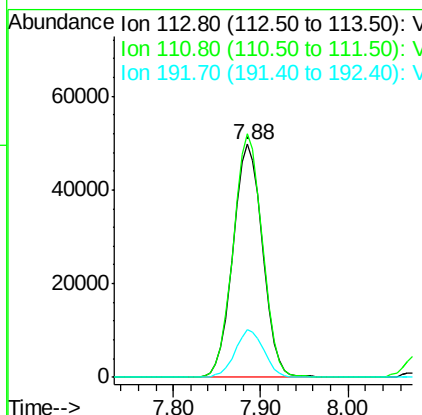
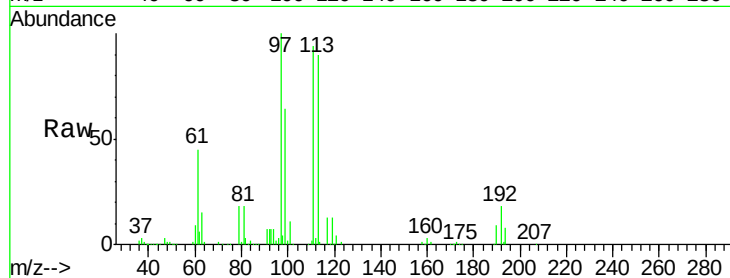
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	117040
Ion Ratio	Lower	Upper	
113	100		
111	103.2	82.4	123.6
192	20.0	15.8	23.6

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#36

1,1-Dichloropropene

Concen: 54.125 ug/l

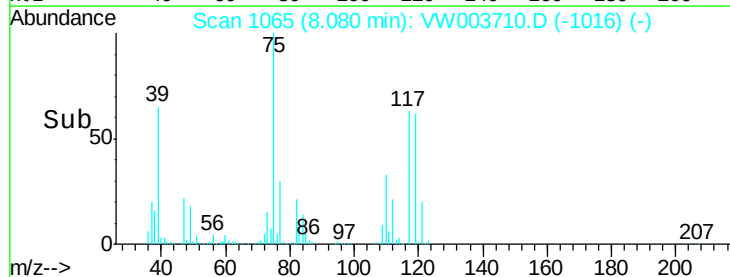
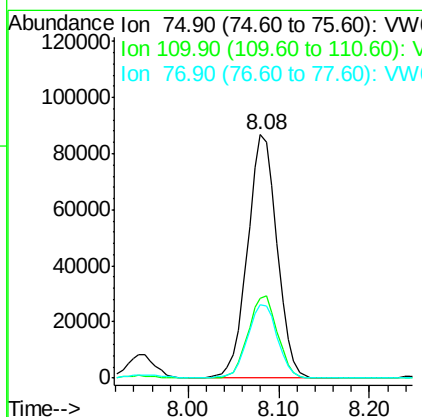
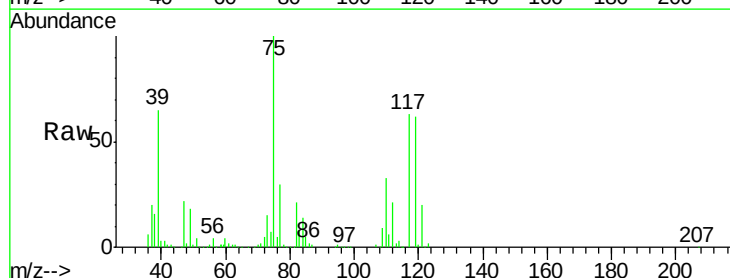
RT: 8.08 min Scan# 1065

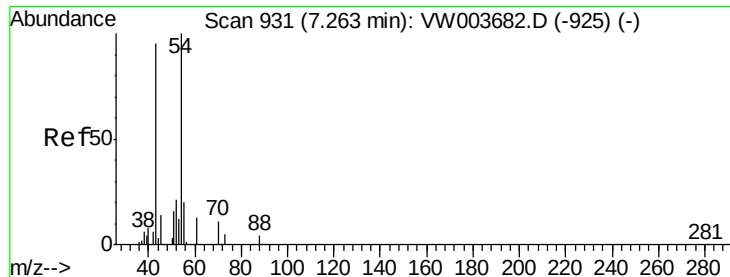
Delta R.T. 0.00 min

Lab File: VW003710.D

Acq: 03 Jul 2018 20:36

Tgt Ion:	75	Resp:	194689
Ion Ratio	Lower	Upper	
75	100		
110	33.7	16.9	50.6
77	31.0	24.9	37.3





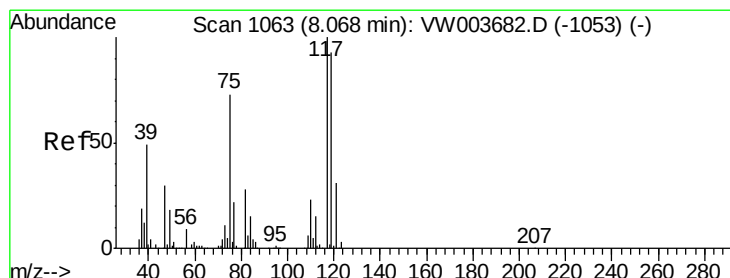
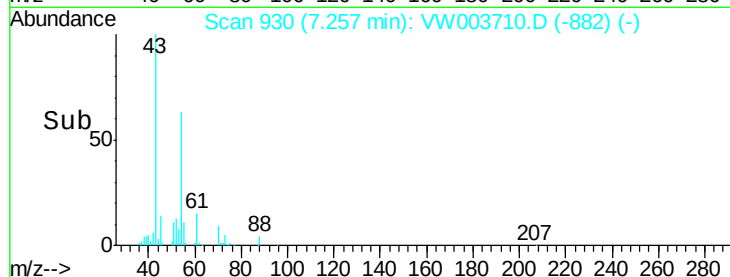
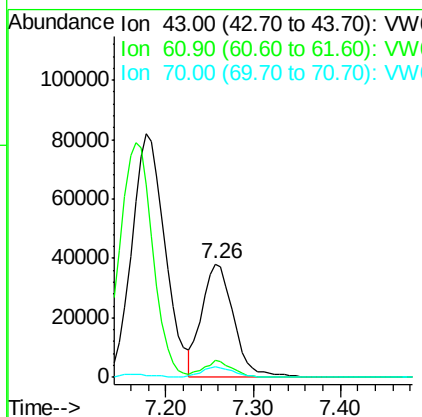
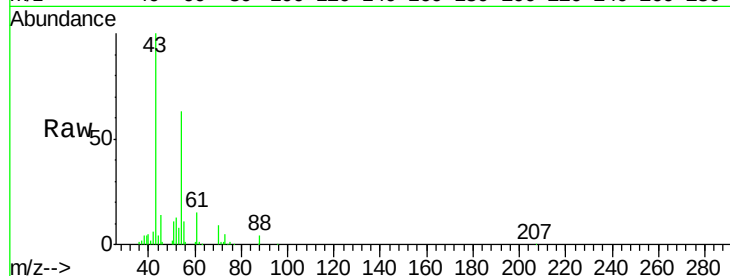
#37
Ethyl Acetate
Concen: 54.666 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.01 min
Lab File: VW003710.D
Acq: 03 Jul 2018 20:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.5	15.7
70	9.3	7.7	11.5

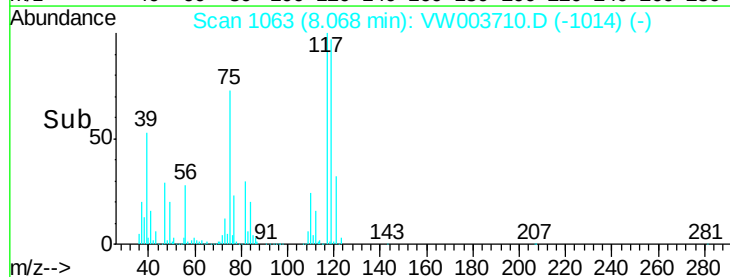
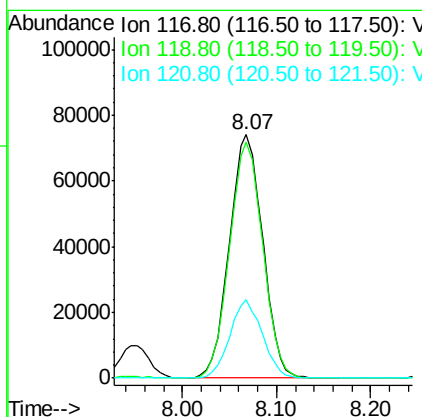
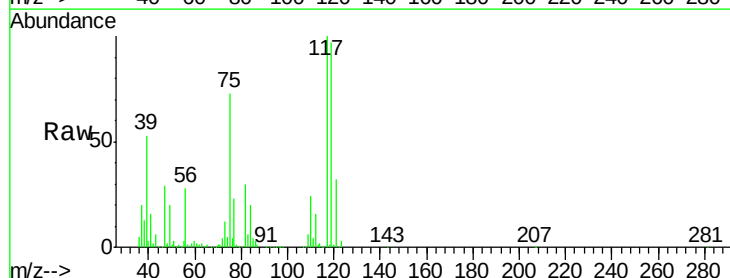
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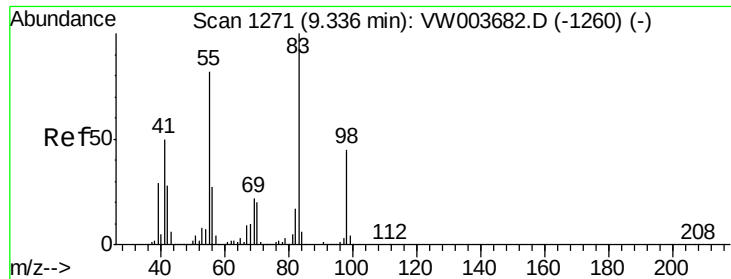
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#38
Carbon Tetrachloride
Concen: 53.133 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW003710.D
Acq: 03 Jul 2018 20:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.7	74.1	111.1
121	32.3	25.0	37.4





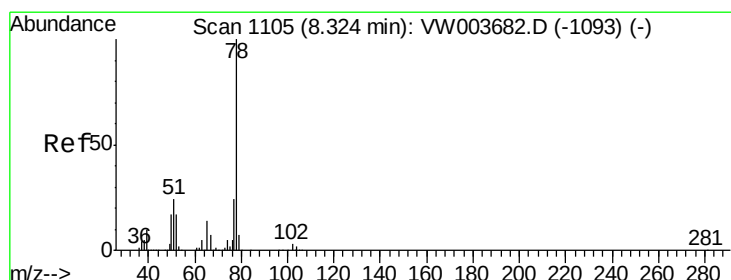
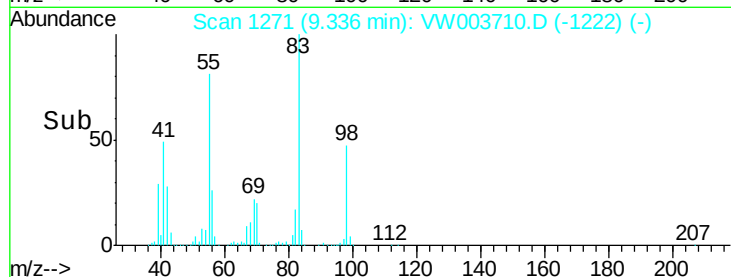
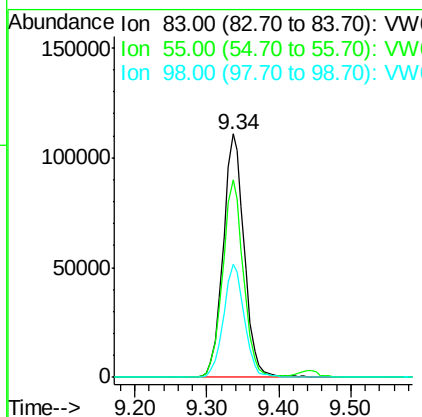
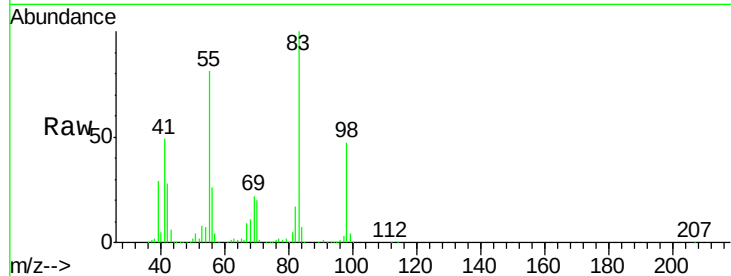
#39
Methylvlcyclohexane
Concen: 54.527 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW003710.D
Acq: 03 Jul 2018 20:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	81.3	65.3	97.9	
98	46.6	36.3	54.5	

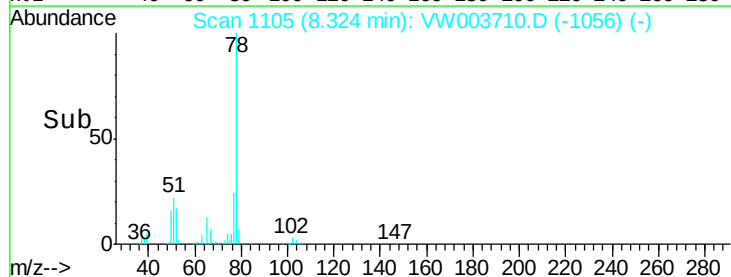
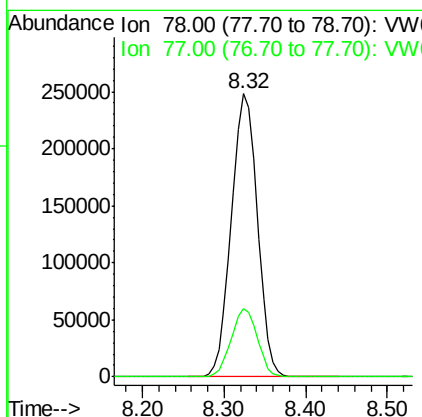
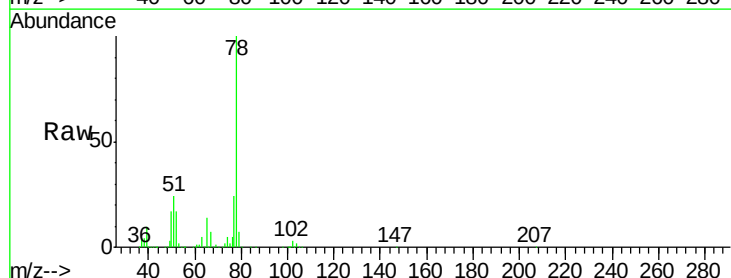
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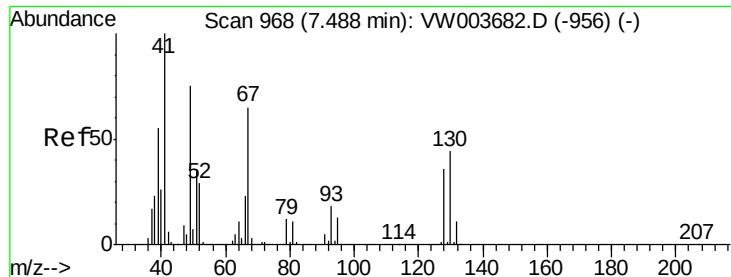
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#40
Benzene
Concen: 53.914 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW003710.D
Acq: 03 Jul 2018 20:36

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	24.4	19.4	29.0	





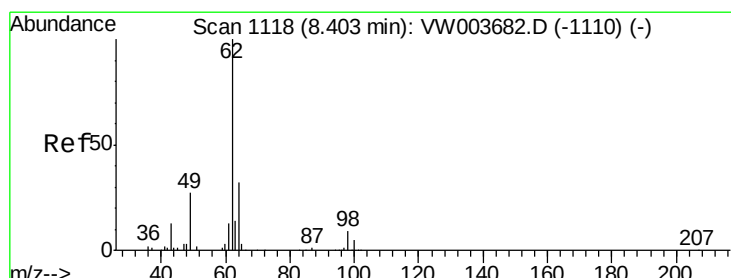
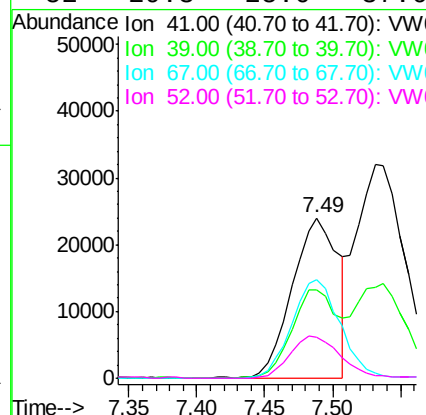
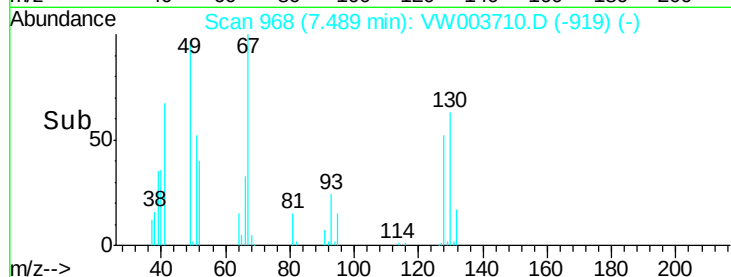
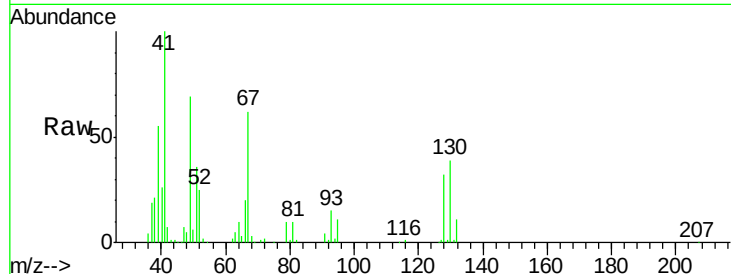
#41
Methacrylonitrile
Concen: 56.828 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.00 min
Lab File: VW003710.D
Acq: 03 Jul 2018 20:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		56555		
39	54.1	47.8	71.8		
67	65.1	53.9	80.9		
52	29.3	25.0	37.6		

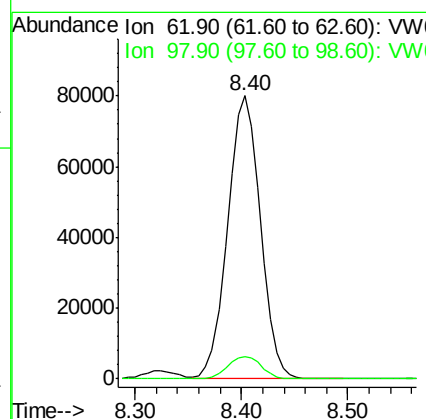
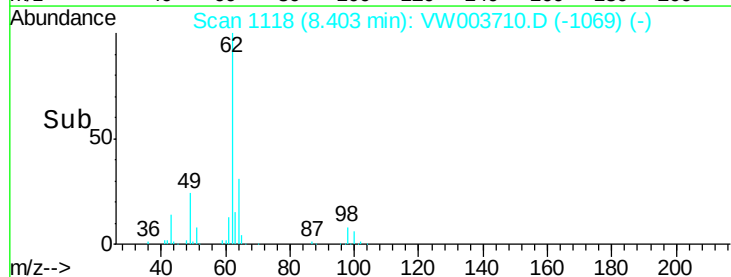
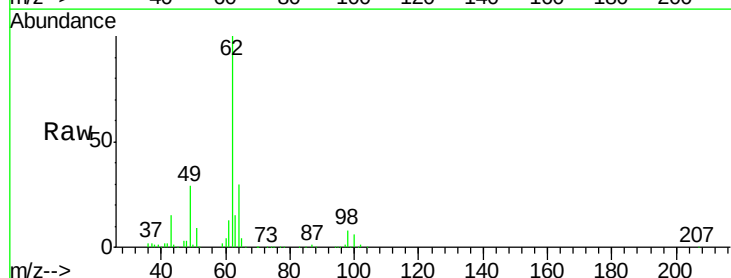
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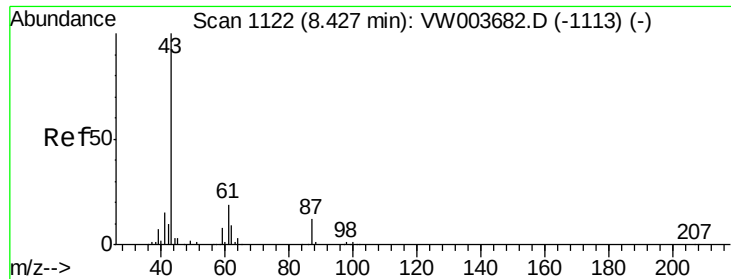
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#42
1,2-Dichloroethane
Concen: 54.051 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003710.D
Acq: 03 Jul 2018 20:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		172065		
98	8.3	0.0	17.2		





#43

Isopropyl Acetate

Concen: 55.744 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.01 min

Lab File: VW003710.D

Acq: 03 Jul 2018 20:36

Instrument :

MSVOA_W

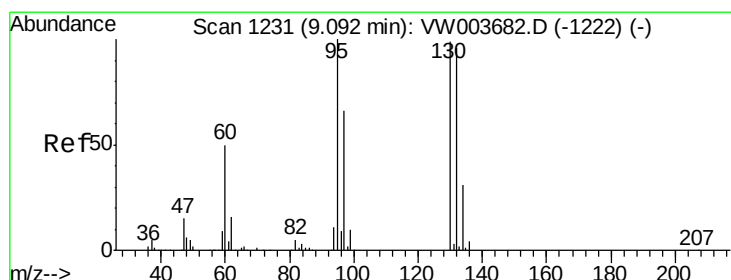
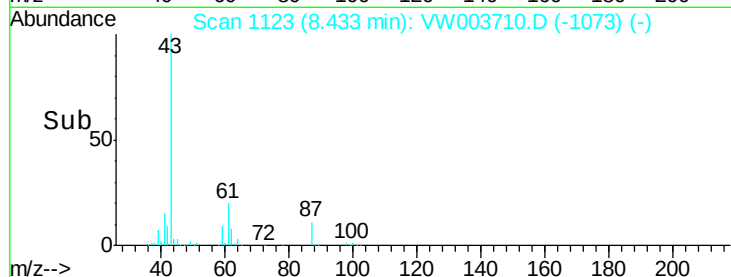
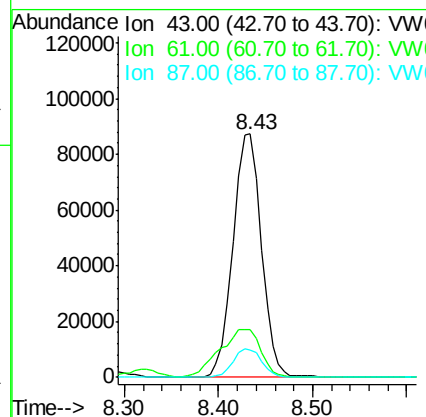
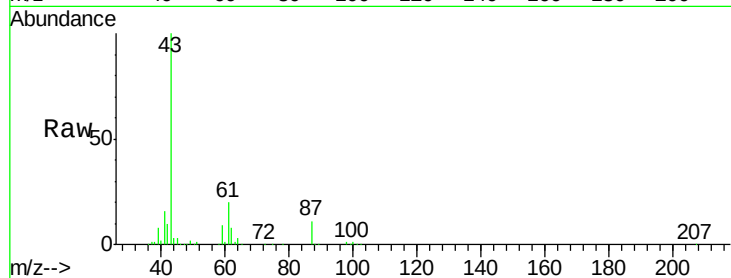
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	183821
Ion	Ratio	Lower	Upper
43	100		
61	28.5	23.0	34.6
87	11.9	9.8	14.6

Manual Integrations
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#44

Trichloroethene

Concen: 53.522 ug/l

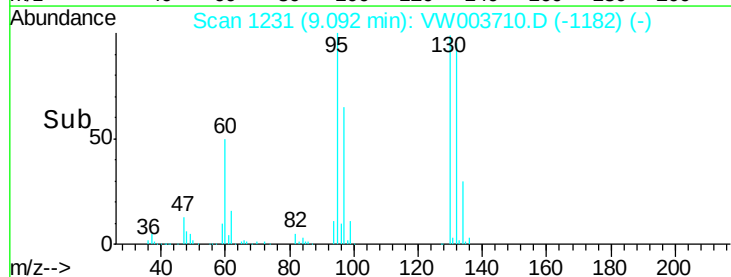
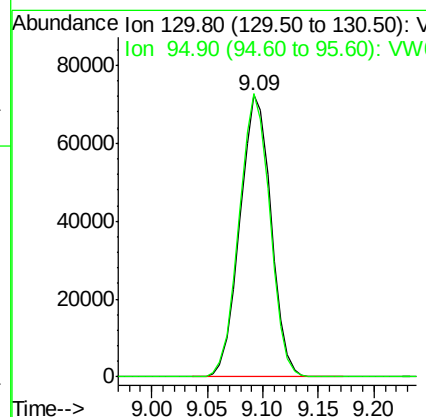
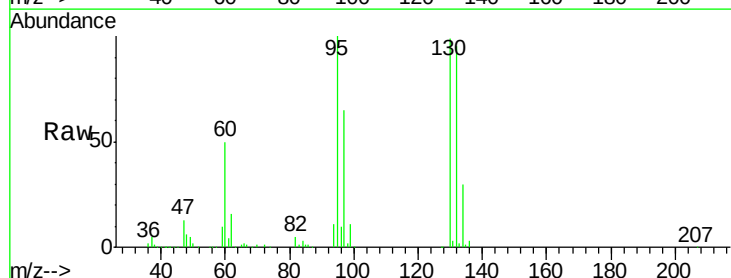
RT: 9.09 min Scan# 1231

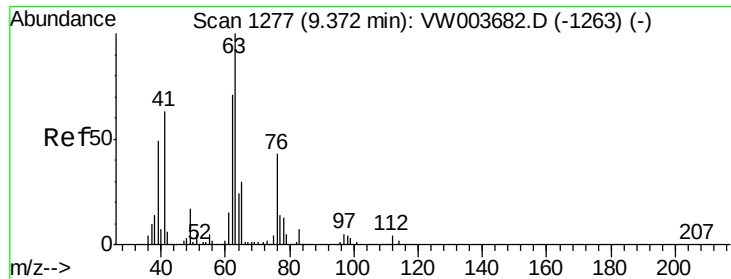
Delta R.T. 0.00 min

Lab File: VW003710.D

Acq: 03 Jul 2018 20:36

Tgt Ion:	130	Resp:	139882
Ion	Ratio	Lower	Upper
130	100		
95	100.5	0.0	202.6





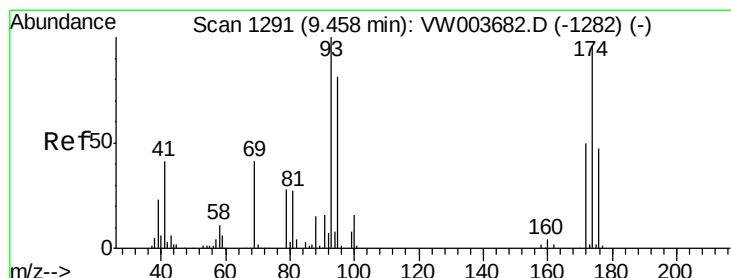
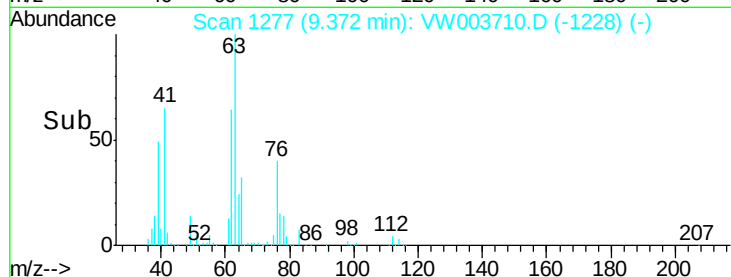
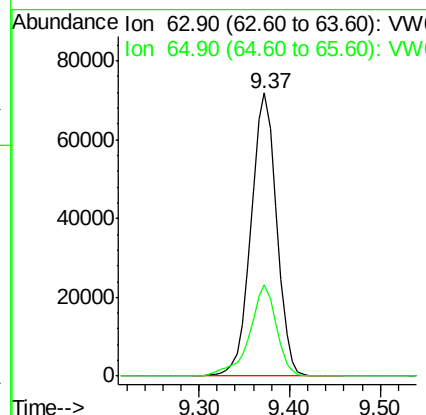
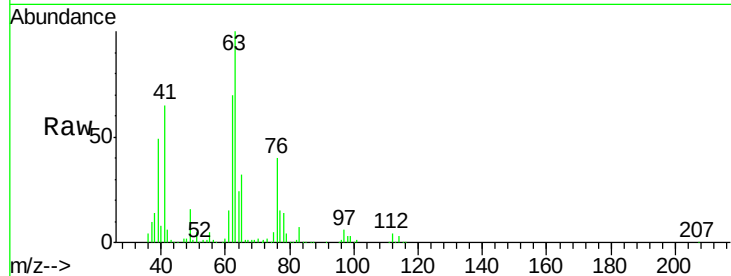
#45
 1,2-Dichloropropane
 Concen: 53.500 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW003710.D
 Acq: 03 Jul 2018 20:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.5	24.3	36.5

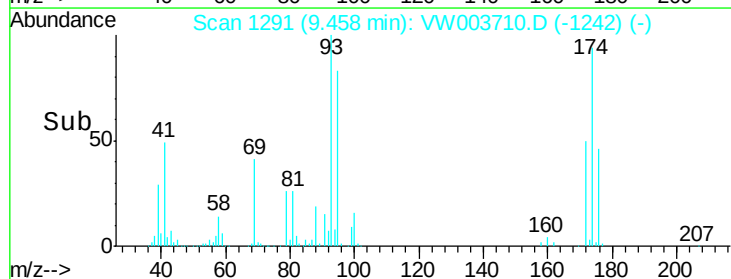
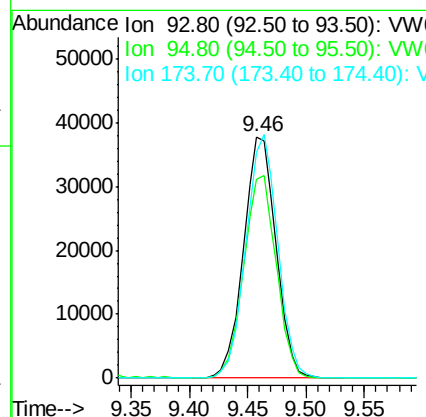
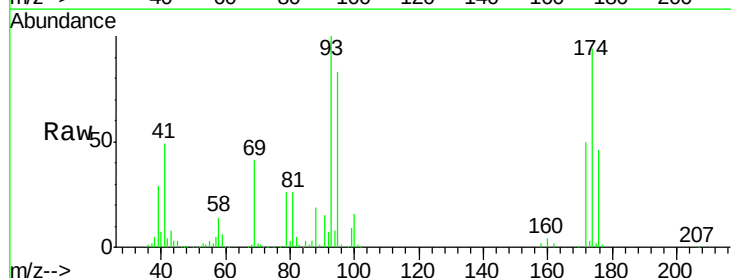
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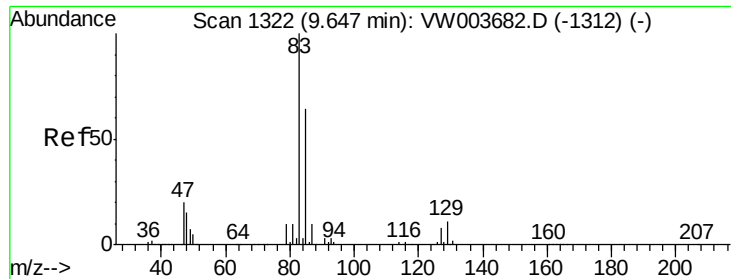
apatel
 7/5/2018 11:12:13 AM



#46
 Dibromomethane
 Concen: 53.914 ug/l
 RT: 9.46 min Scan# 1291
 Delta R.T. 0.00 min
 Lab File: VW003710.D
 Acq: 03 Jul 2018 20:36

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.3	66.2	99.4
174	99.2	79.6	119.4





#47

Bromodichloromethane

Concen: 54.003 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW003710.D

Acq: 03 Jul 2018 20:36

Instrument :

MSVOA_W

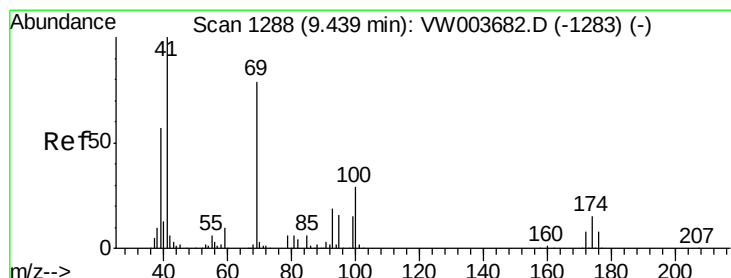
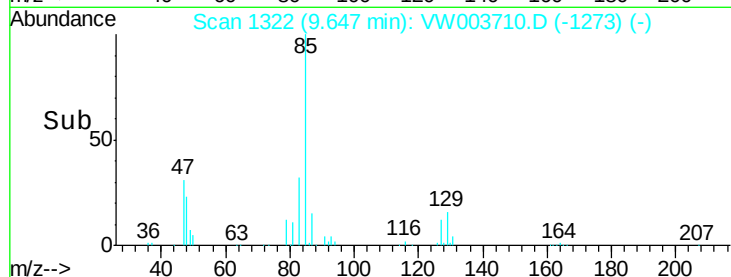
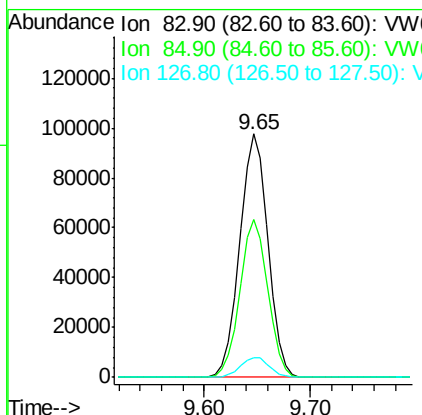
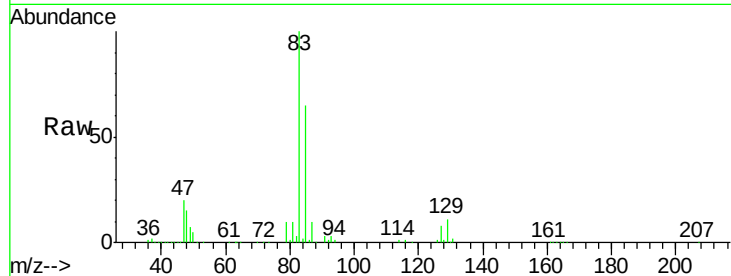
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	181824
Ion Ratio	Lower	Upper	
83	100		
85	65.0	51.1	76.7
127	8.0	6.5	9.7

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#48

Methyl methacrylate

Concen: 50.619 ug/l

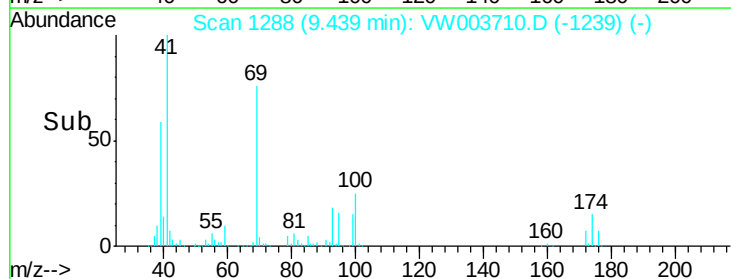
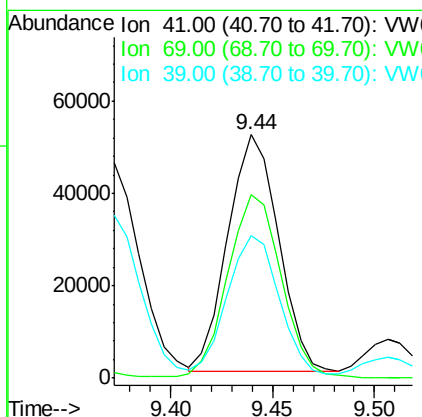
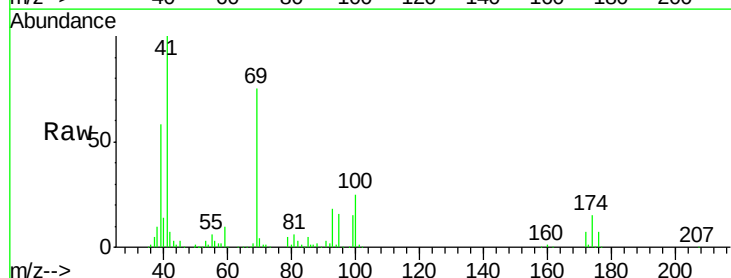
RT: 9.44 min Scan# 1288

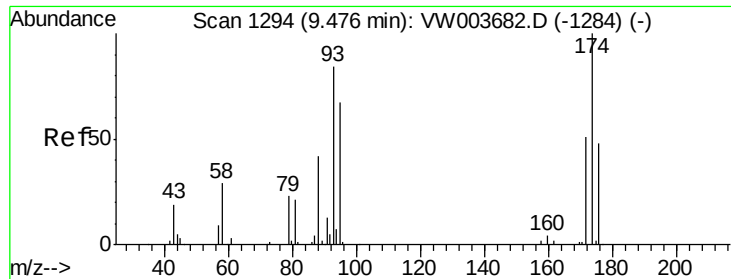
Delta R.T. 0.00 min

Lab File: VW003710.D

Acq: 03 Jul 2018 20:36

Tgt Ion:	41	Resp:	88285
Ion Ratio	Lower	Upper	
41	100		
69	82.0	65.4	98.2
39	63.2	50.0	75.0





#49

1,4-Dioxane

Concen: 1123.639 ug/l

RT: 9.47 min Scan# 1293

Delta R.T. -0.01 min

Lab File: VW003710.D

Acq: 03 Jul 2018 20:36

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050EC

Tot Ion: 88 Resp: 24008

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

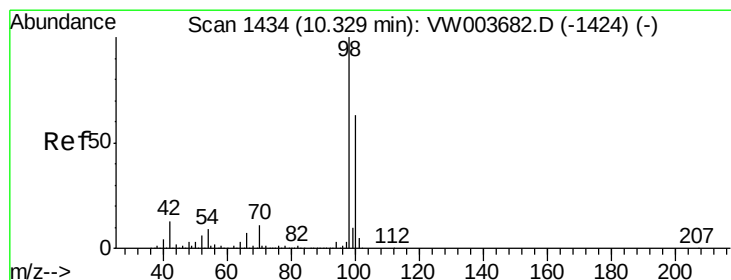
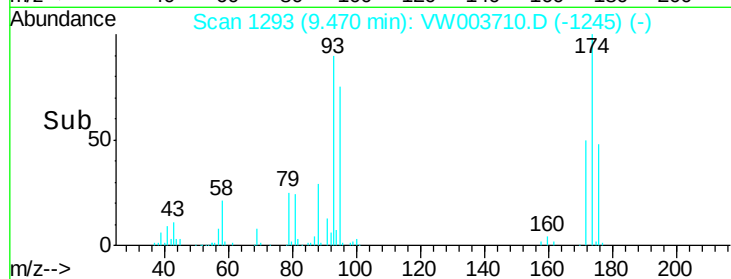
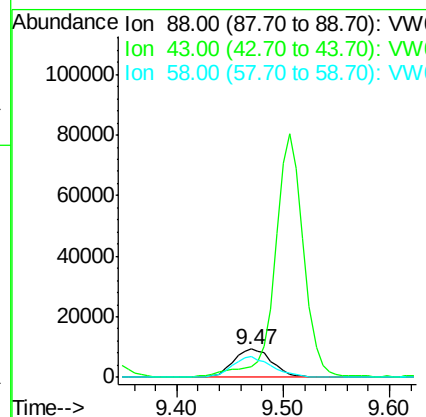
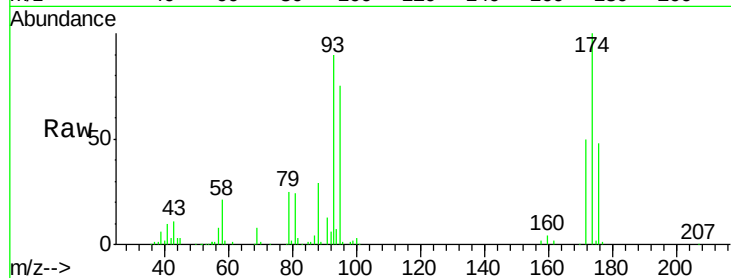
58 75.5 61.8 92.6

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#50

Toluene-d8

Concen: 50.884 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003710.D

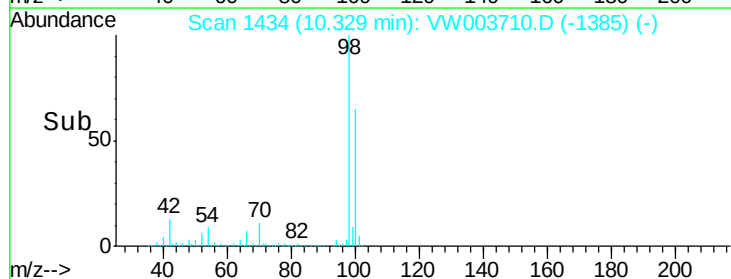
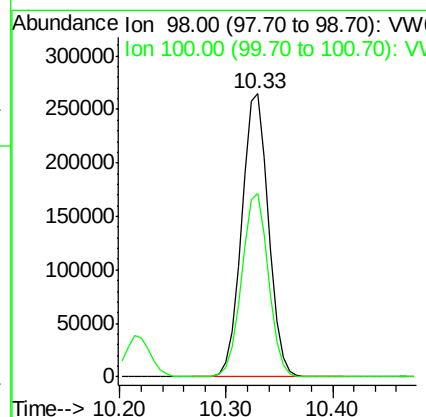
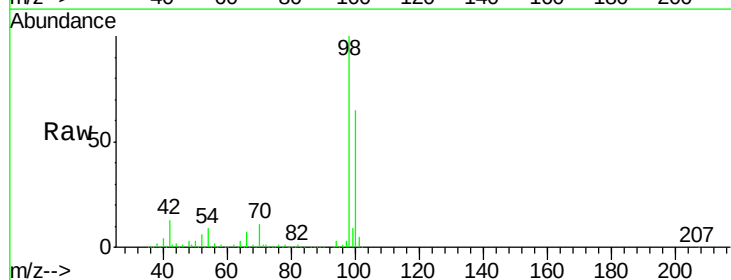
Acq: 03 Jul 2018 20:36

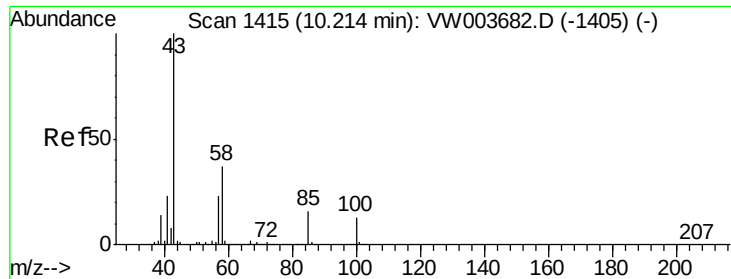
Tgt Ion: 98 Resp: 466836

Ion Ratio Lower Upper

98 100

100 64.6 50.8 76.2





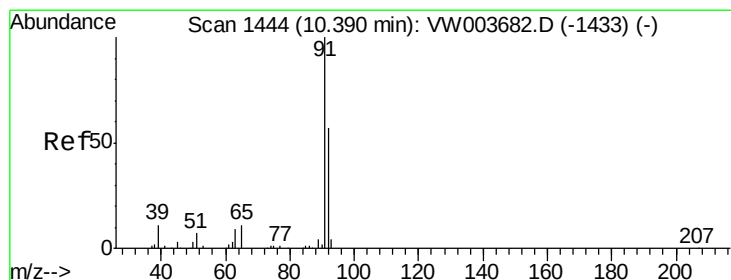
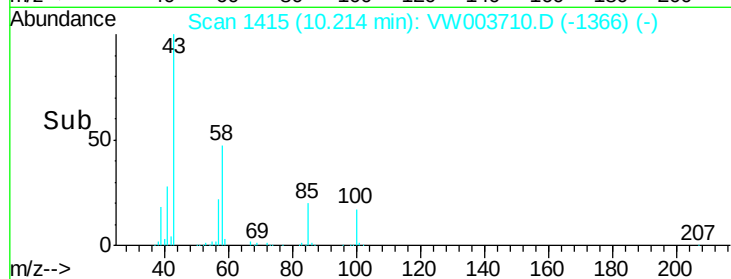
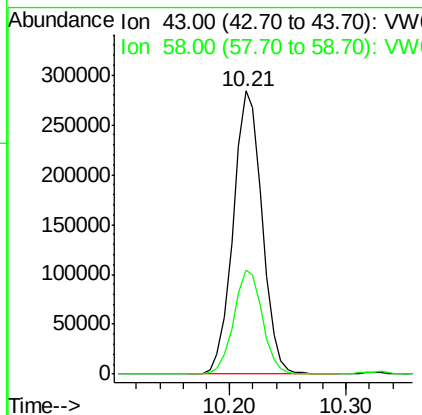
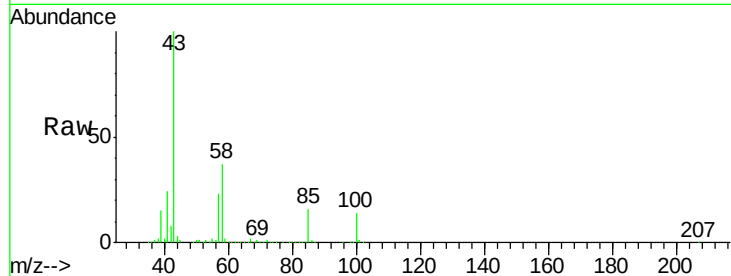
#51
 4-Methyl-2-Pentanone
 Concen: 282.239 ug/l
 RT: 10.21 min Scan# 1415
 Delta R.T. 0.00 min
 Lab File: VW003710.D
 Acq: 03 Jul 2018 20:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 490423
 Ion Ratio Lower Upper
 43 100
 58 36.3 29.6 44.4

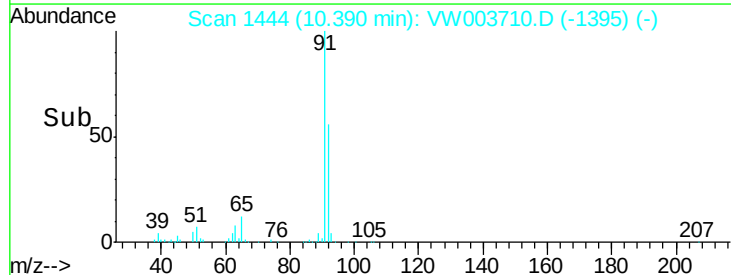
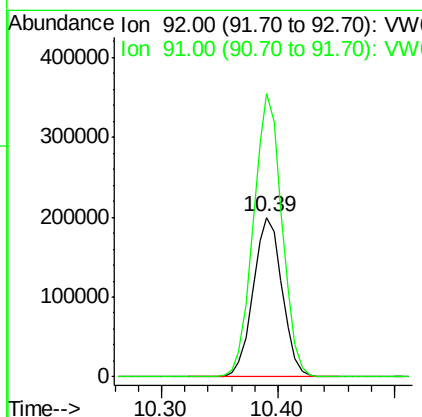
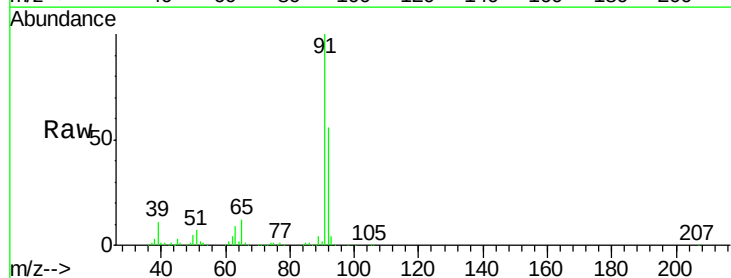
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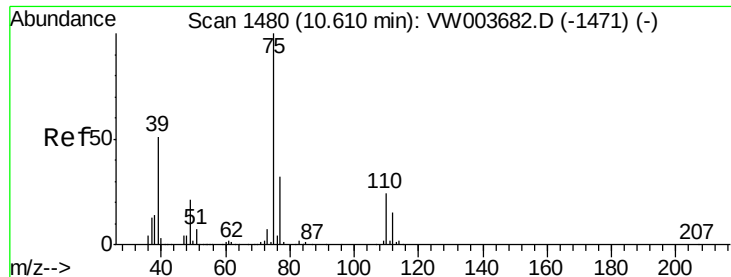
apatel
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#52
 Toluene
 Concen: 54.738 ug/l
 RT: 10.39 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: VW003710.D
 Acq: 03 Jul 2018 20:36

Tgt Ion: 92 Resp: 345352
 Ion Ratio Lower Upper
 92 100
 91 175.6 140.2 210.2





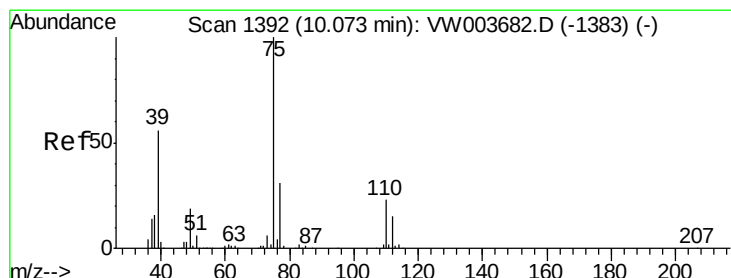
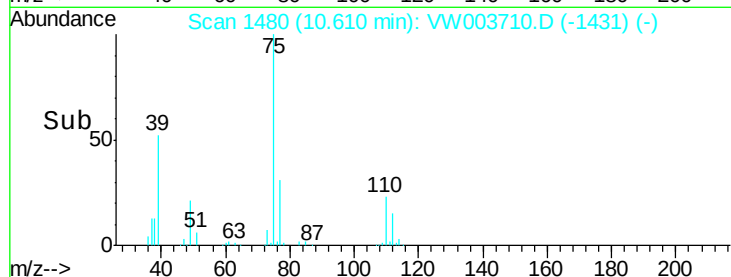
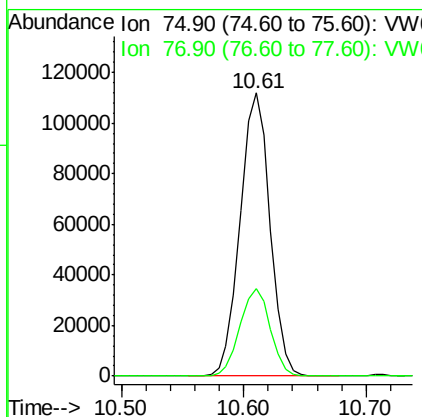
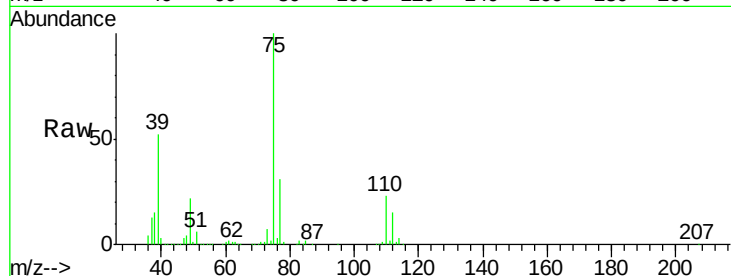
#53
t-1,3-Dichloropropene
Concen: 54.179 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VW003710.D
Acq: 03 Jul 2018 20:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	75	Resp	189248
Ion Ratio	Lower	Upper	
75	100		
77	31.0	25.5	38.3

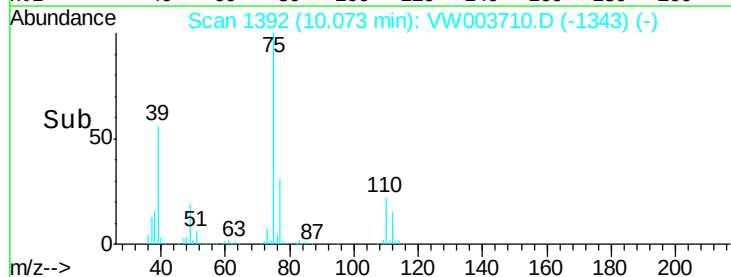
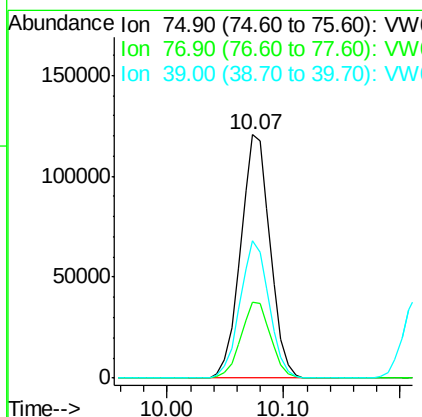
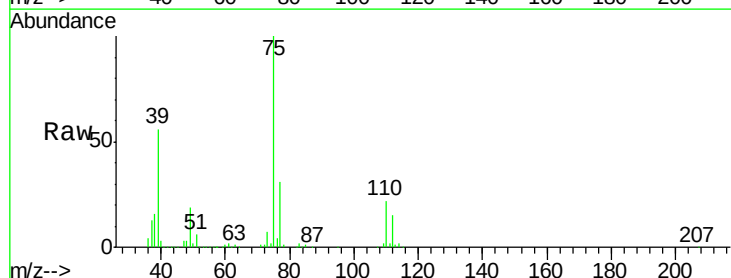
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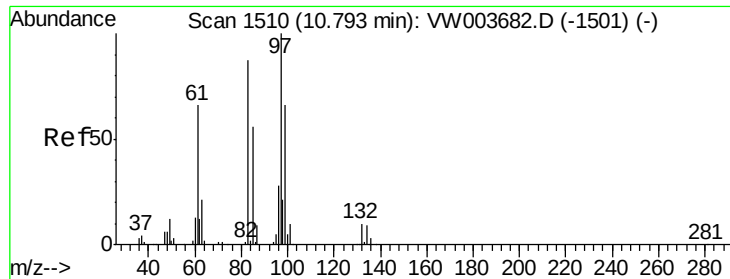
apatel
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#54
cis-1,3-Dichloropropene
Concen: 53.586 ug/l
RT: 10.07 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW003710.D
Acq: 03 Jul 2018 20:36

Tgt Ion	75	Resp	212204
Ion Ratio	Lower	Upper	
75	100		
77	31.4	24.9	37.3
39	56.2	44.6	67.0





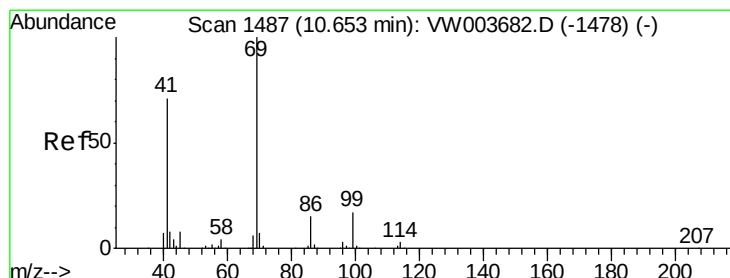
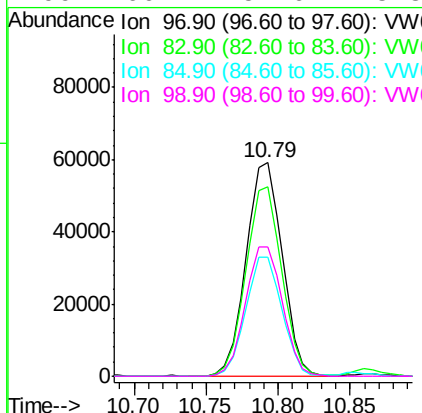
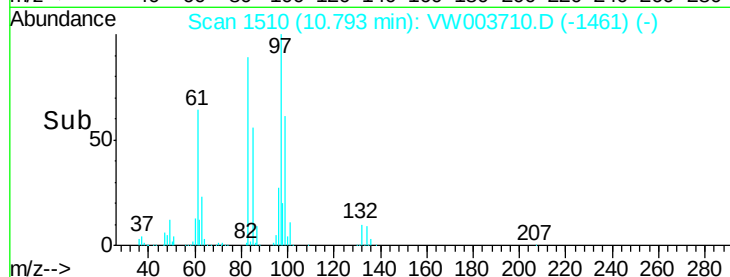
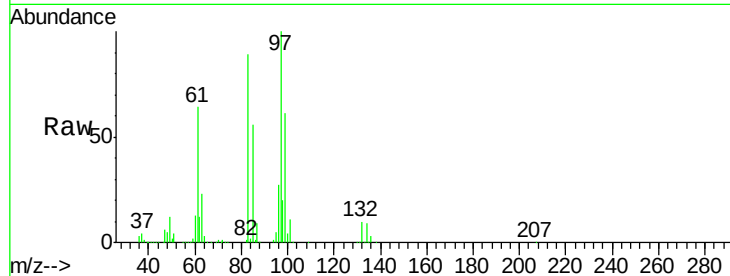
#55
 1,1,2-Trichloroethane
 Concen: 53.563 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW003710.D
 Acq: 03 Jul 2018 20:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	97	Resp	102782
Ion	Ratio	Lower	Upper
97	100		
83	88.8	69.5	104.3
85	55.9	44.7	67.1
99	60.7	52.6	78.8

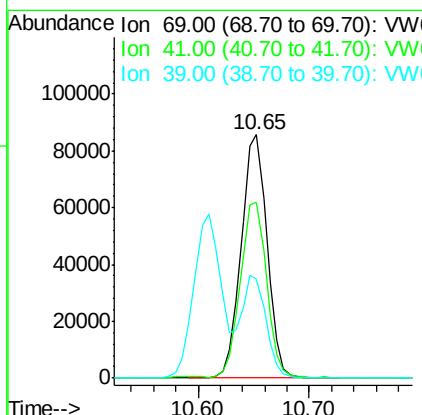
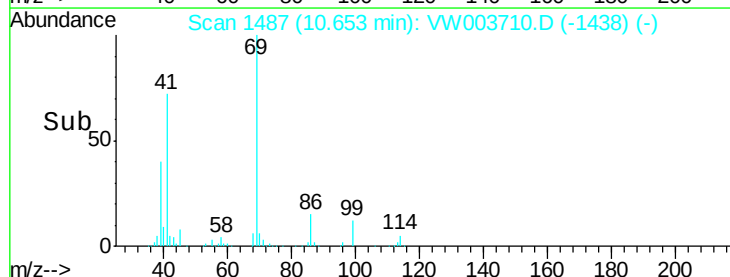
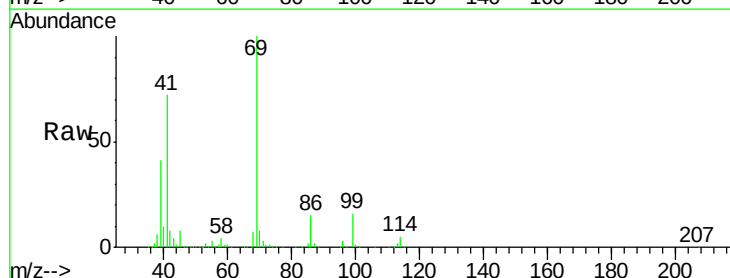
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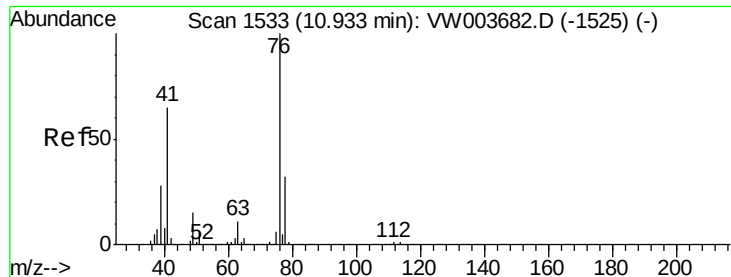
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#56
 Ethyl methacrylate
 Concen: 50.818 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW003710.D
 Acq: 03 Jul 2018 20:36

Tgt Ion	69	Resp	138557
Ion	Ratio	Lower	Upper
69	100		
41	72.6	57.5	86.3
39	41.5	29.4	44.0





#57

1,3-Dichloropropane

Concen: 54.908 ug/l

RT: 10.93 min Scan# 1533

Delta R.T. 0.00 min

Lab File: VW003710.D

Acq: 03 Jul 2018 20:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 183034

Ion Ratio Lower Upper

76 100

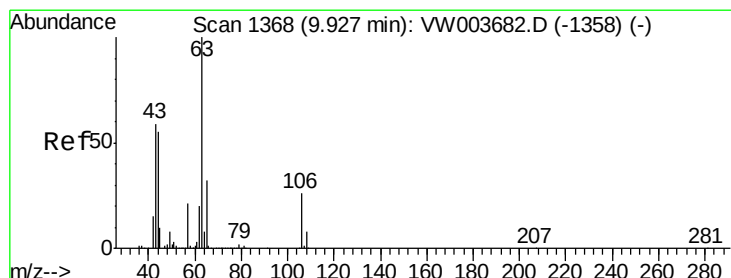
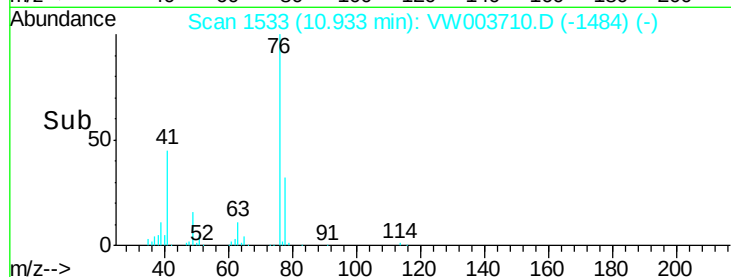
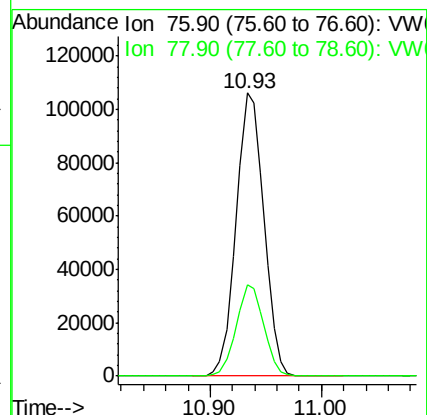
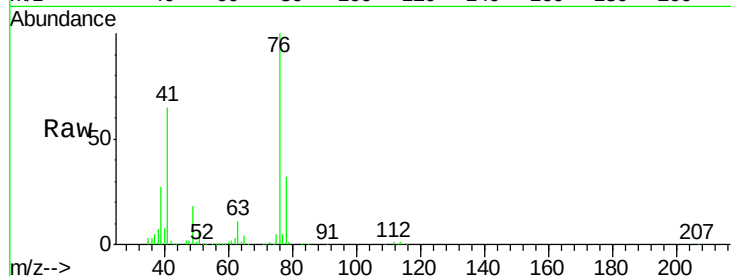
78 32.1 25.6 38.4

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#58

2-Chloroethyl Vinyl ether

Concen: 280.938 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VW003710.D

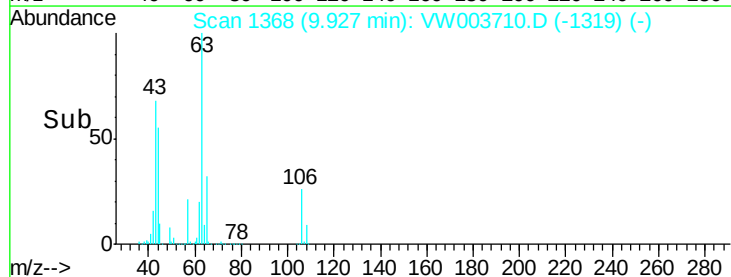
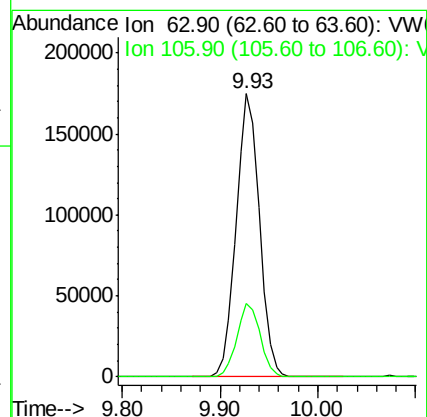
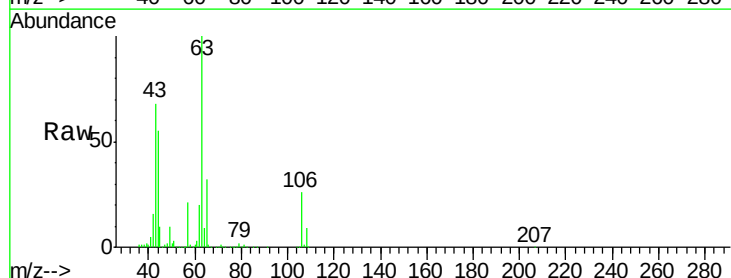
Acq: 03 Jul 2018 20:36

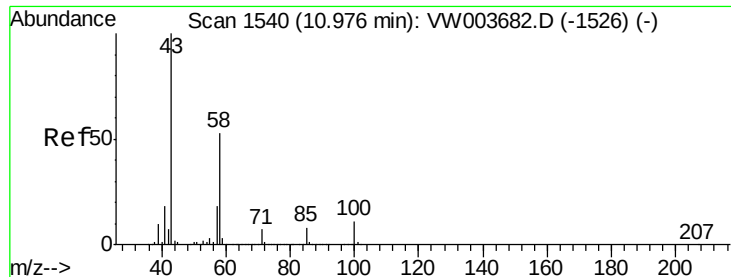
Tgt Ion: 63 Resp: 288153

Ion Ratio Lower Upper

63 100

106 26.1 20.7 31.1





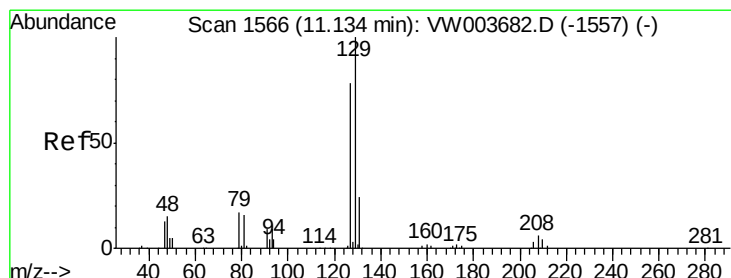
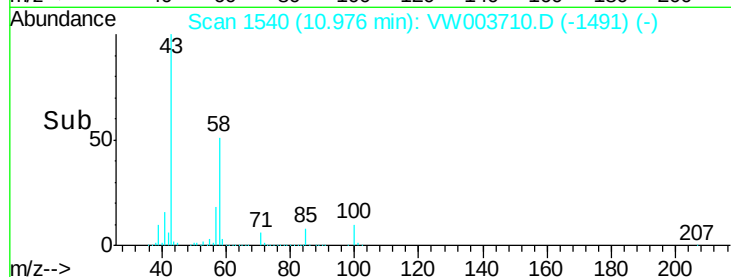
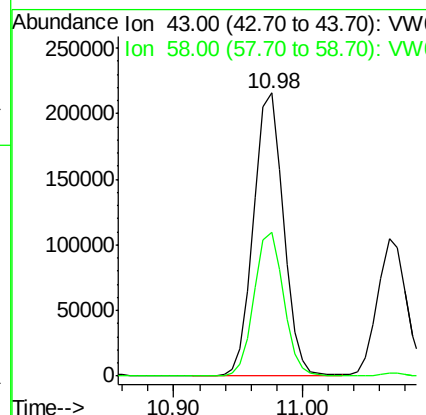
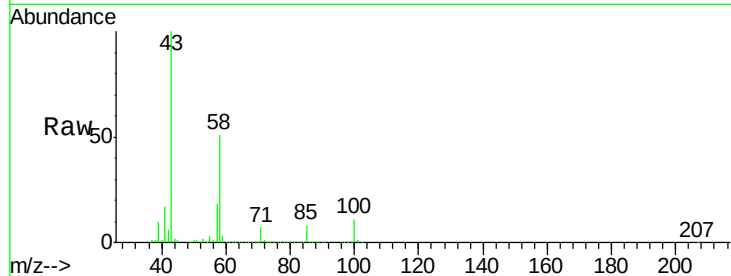
#59
2-Hexanone
Concen: 278.020 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003710.D
Acq: 03 Jul 2018 20:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	345332
Ion Ratio	43	100	
Lower	58	50.3	25.9
Upper			77.6

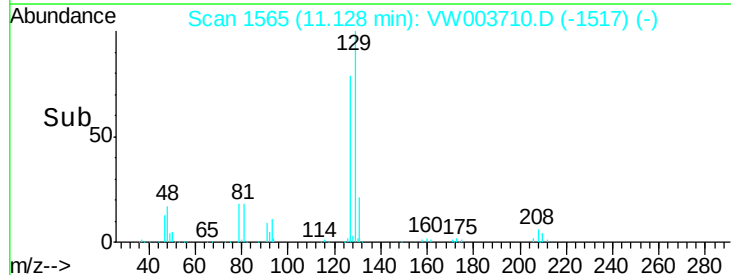
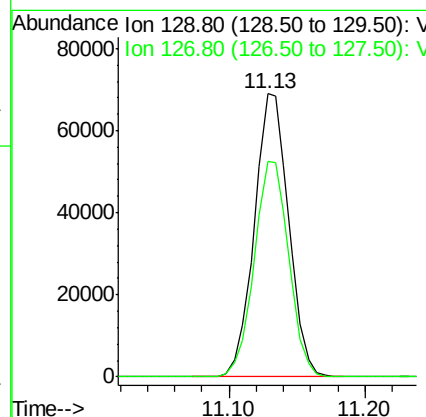
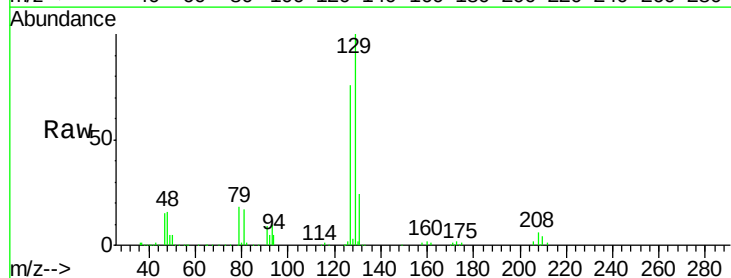
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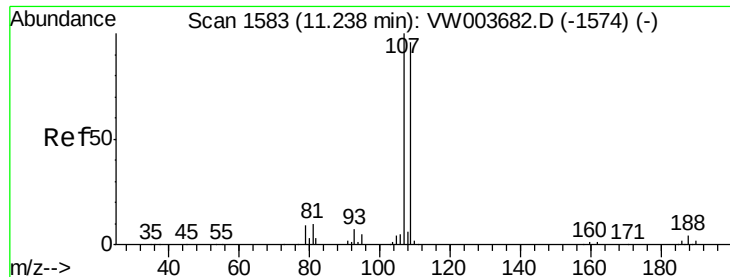
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#60
Dibromochloromethane
Concen: 54.498 ug/l
RT: 11.13 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VW003710.D
Acq: 03 Jul 2018 20:36

Tgt Ion	129	Resp	122252
Ion Ratio	129	100	
Lower	127	76.5	39.1
Upper			117.2





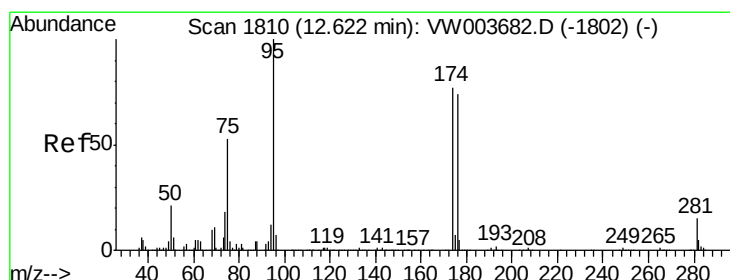
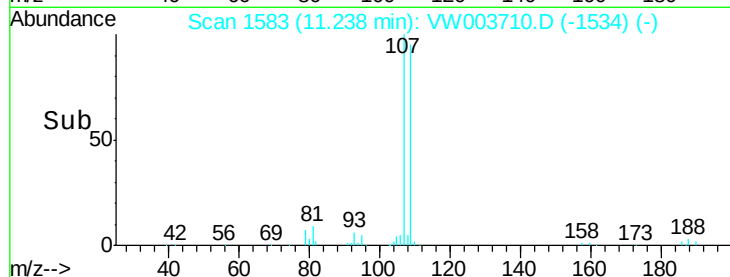
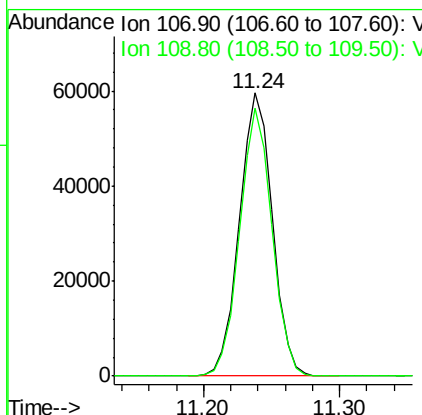
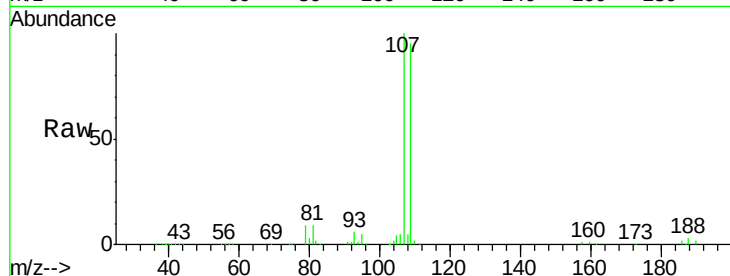
#61
 1,2-Dibromoethane
 Concen: 54.739 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW003710.D
 Acq: 03 Jul 2018 20:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.9	75.6	113.4

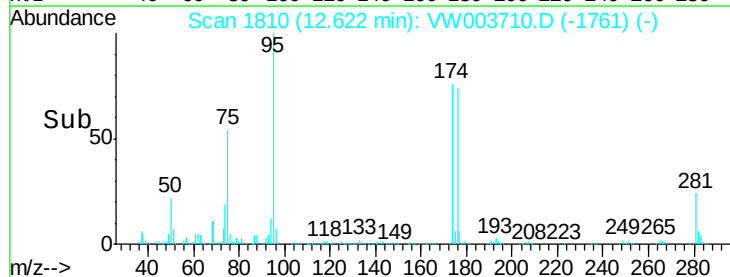
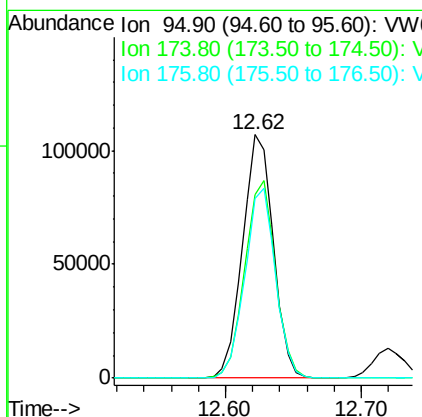
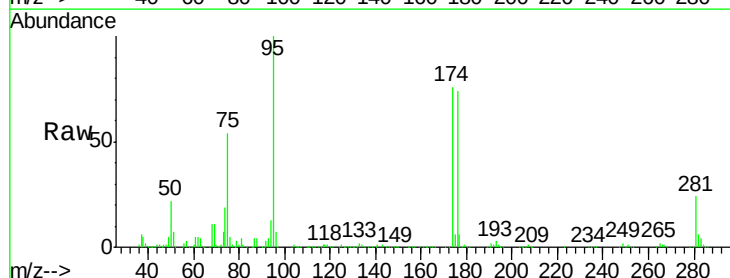
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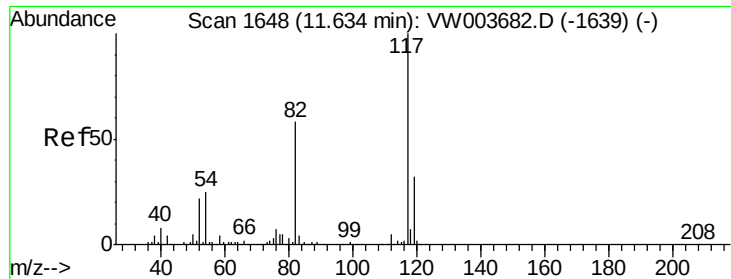
apatel
 7/5/2018 11:12:13 AM



#62
 4-Bromofluorobenzene
 Concen: 51.353 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW003710.D
 Acq: 03 Jul 2018 20:36

Tgt Ion	Ratio	Lower	Upper
95	100		
174	81.0	0.0	161.2
176	77.8	0.0	155.0





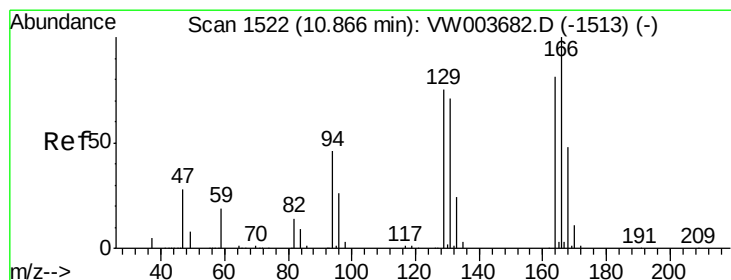
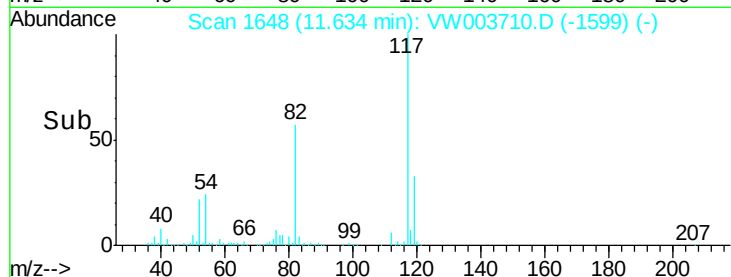
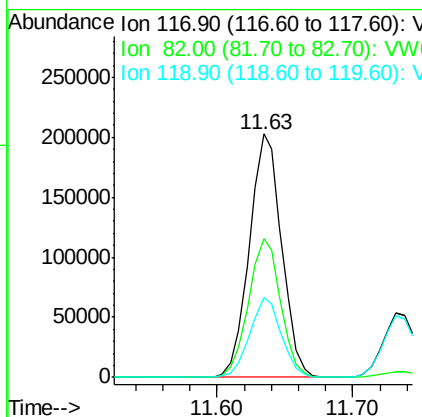
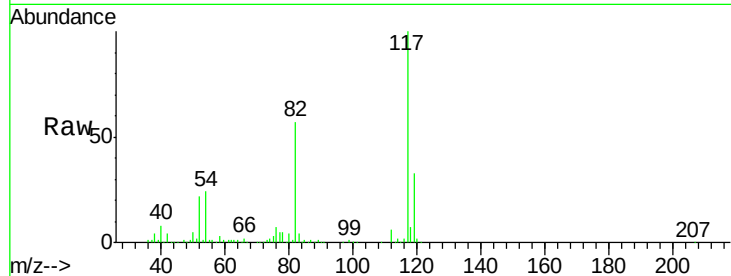
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW003710.D
Acq: 03 Jul 2018 20:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.9	46.0	69.0
119	32.6	25.4	38.0

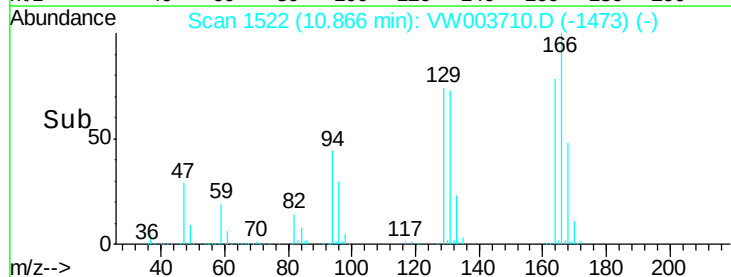
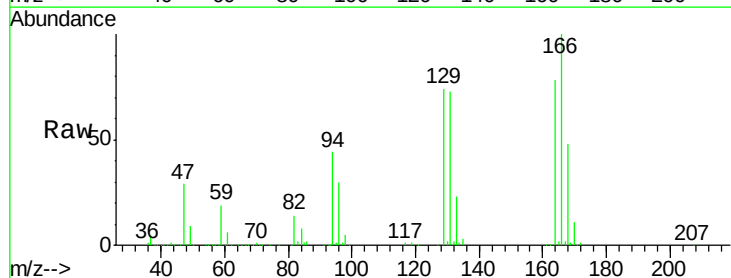
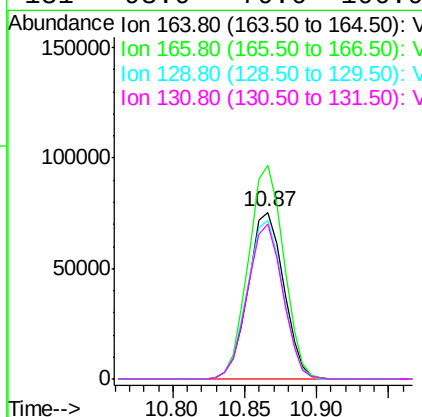
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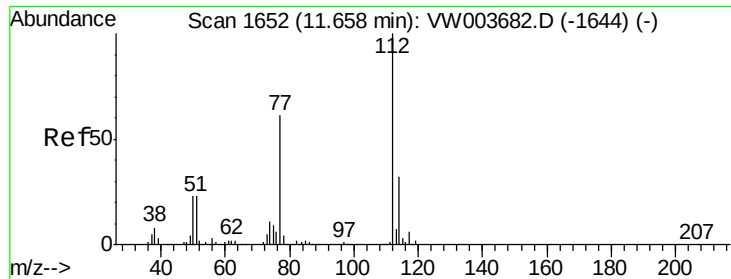
apatel
7/5/2018 11:12:13 AM



#64
Tetrachloroethene
Concen: 56.558 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003710.D
Acq: 03 Jul 2018 20:36

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.0	99.0	148.4
129	95.2	73.8	110.6
131	93.0	70.6	106.0





#65

Chlorobenzene

Concen: 53.138 ug/l

RT: 11.66 min Scan# 1652

Delta R.T. 0.00 min

Lab File: VW003710.D

Acq: 03 Jul 2018 20:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 376322

Ion Ratio Lower Upper

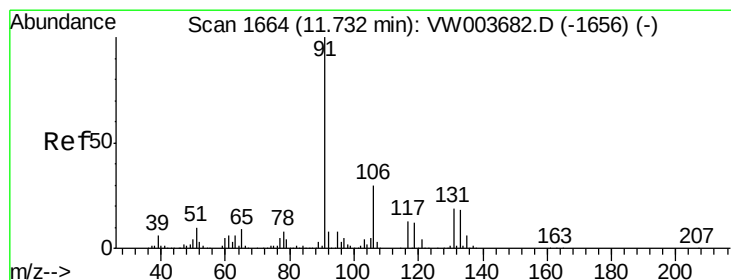
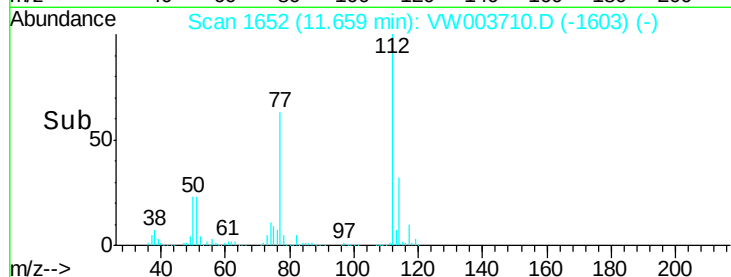
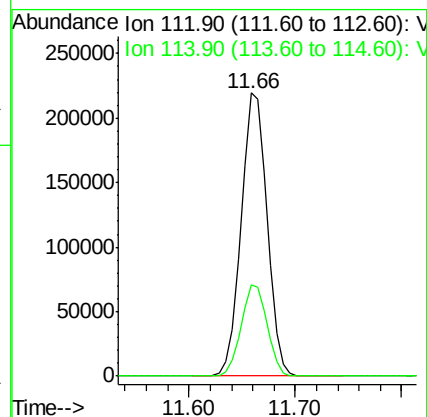
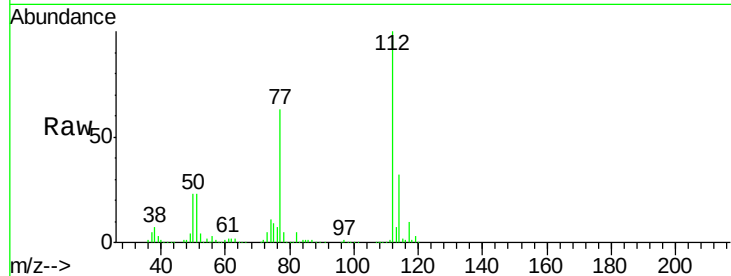
112 100

114 32.2 25.8 38.8

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 52.969 ug/l

RT: 11.73 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VW003710.D

Acq: 03 Jul 2018 20:36

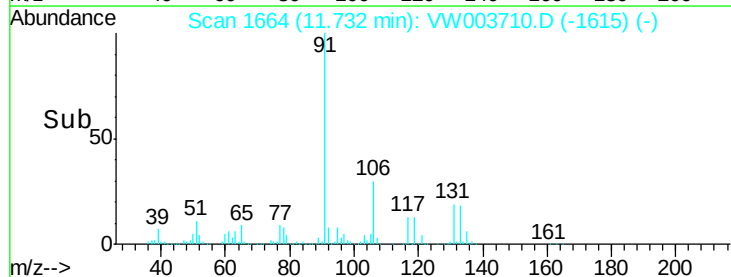
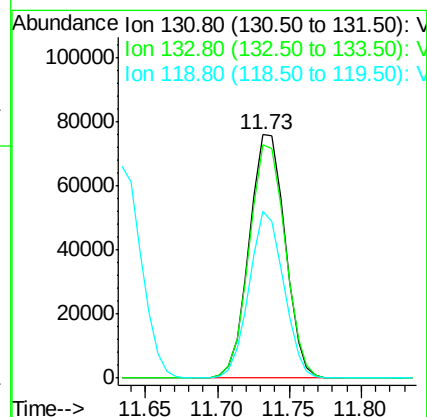
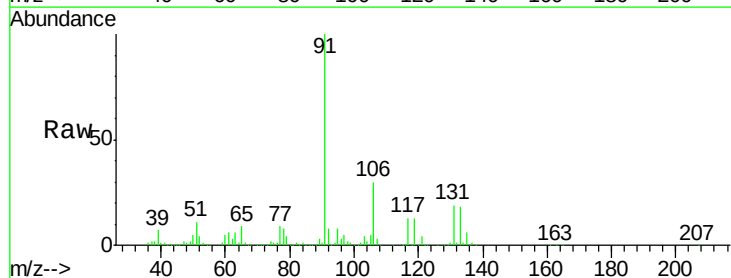
Tgt Ion:131 Resp: 131098

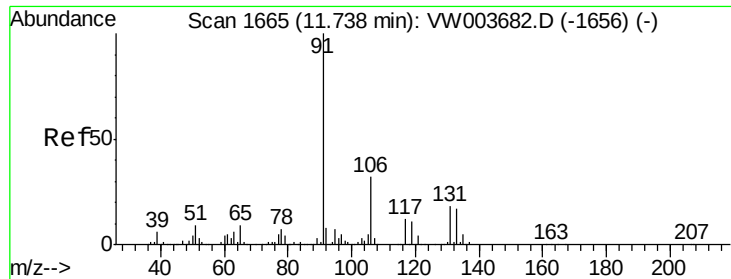
Ion Ratio Lower Upper

131 100

133 96.7 47.6 142.8

119 65.9 31.9 95.9





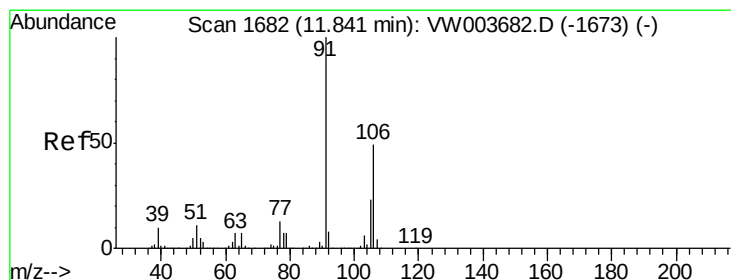
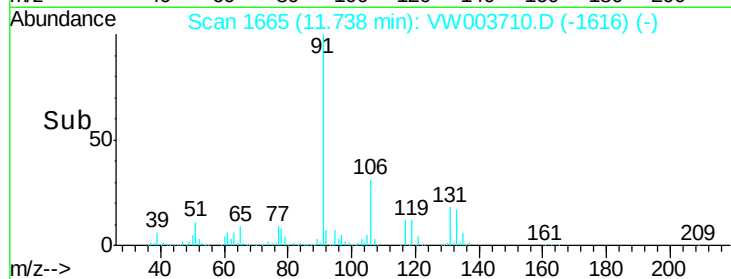
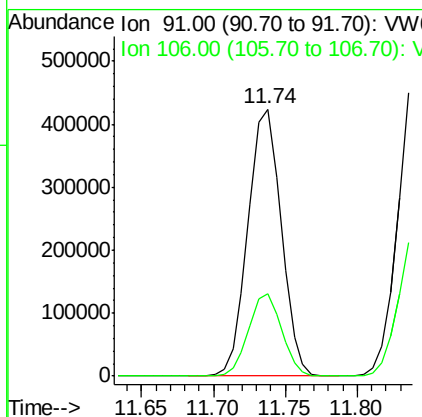
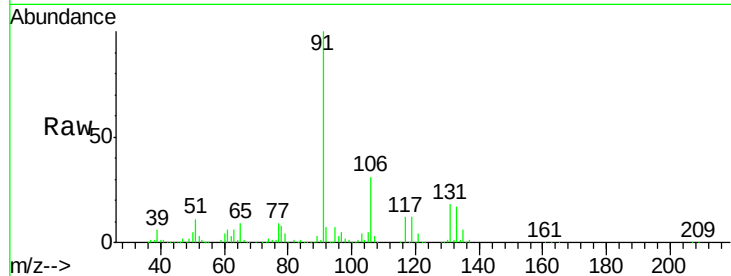
#67
Ethyl Benzene
Concen: 54.753 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003710.D
Acq: 03 Jul 2018 20:36

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050EC

Tot Ion: 91 Resp: 679410
Ion Ratio Lower Upper
91 100
106 31.1 25.2 37.8

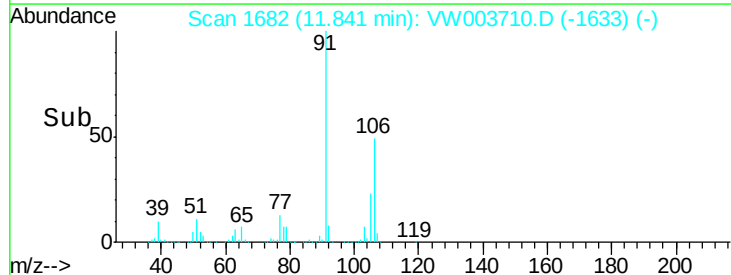
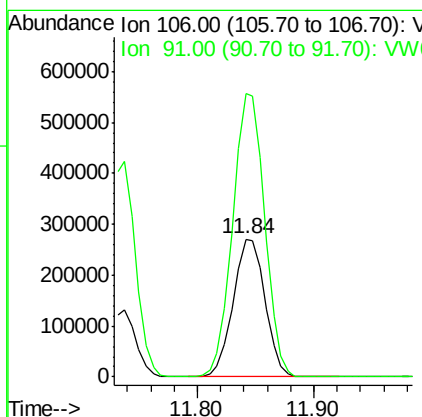
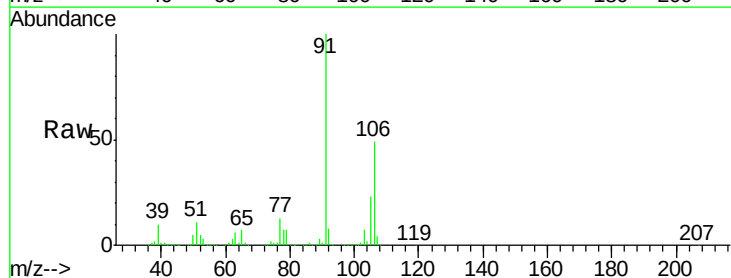
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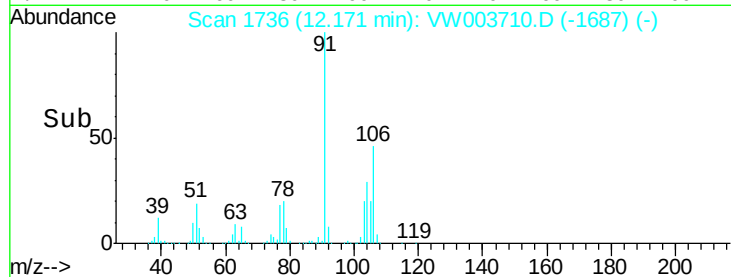
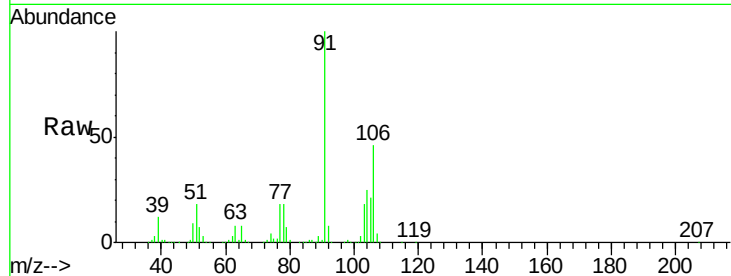
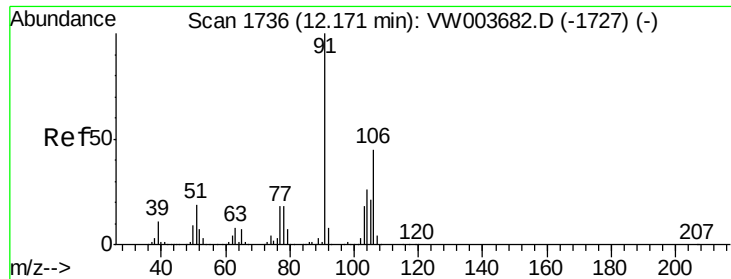
apatel
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#68
m/p-Xylenes
Concen: 109.164 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VW003710.D
Acq: 03 Jul 2018 20:36

Tgt Ion: 106 Resp: 515112
Ion Ratio Lower Upper
106 100
91 206.4 163.7 245.5





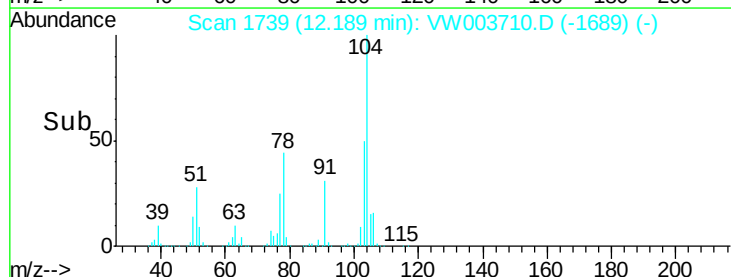
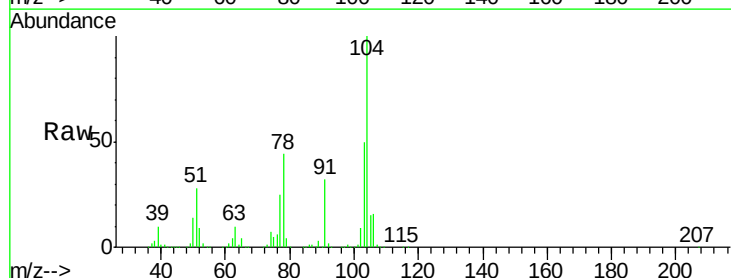
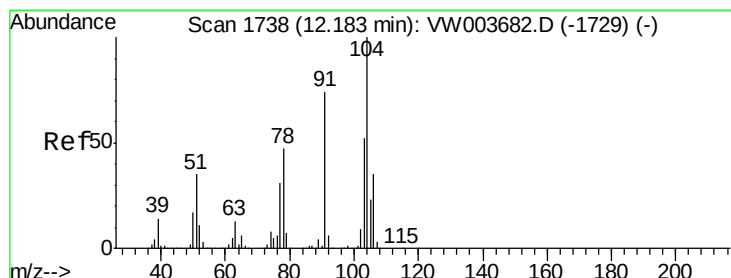
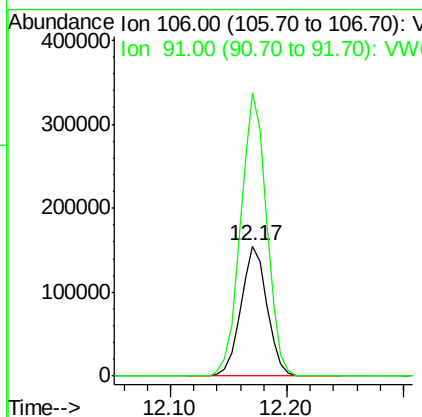
#69
o-Xylene
Concen: 55.435 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003710.D
Acq: 03 Jul 2018 20:36

Tot Ion	Ratio	Resp	Lower	Upper
106	100	241819		
91	217.2	109.3	327.8	

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050EC

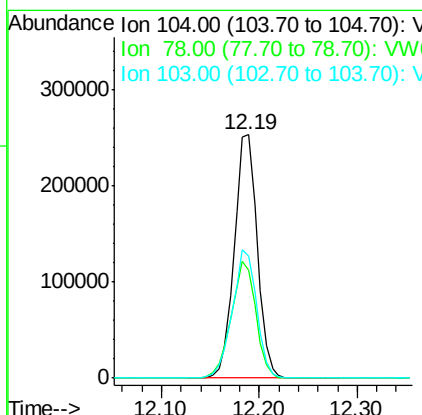
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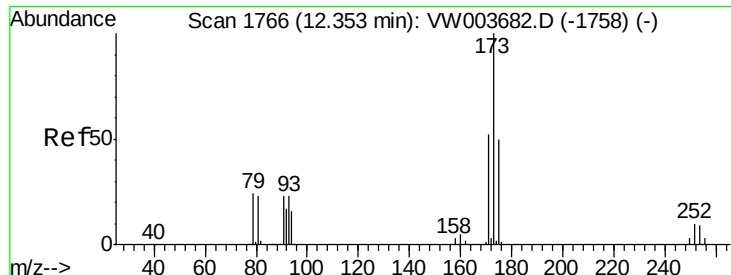
apatel
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#70
Styrene
Concen: 56.350 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VW003710.D
Acq: 03 Jul 2018 20:36

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	412864		
78	51.1	40.2	60.4	
103	55.6	44.4	66.6	





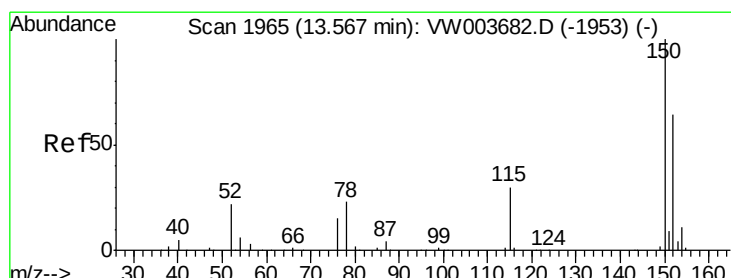
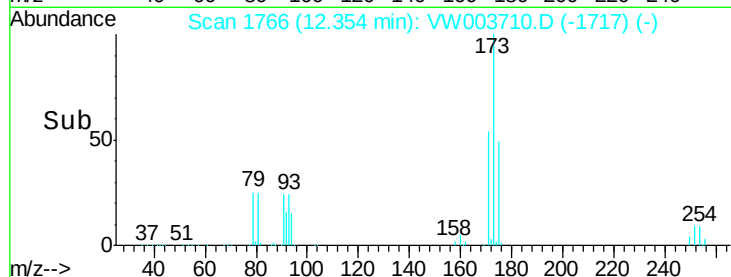
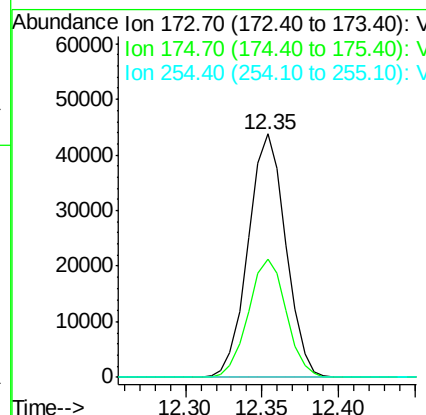
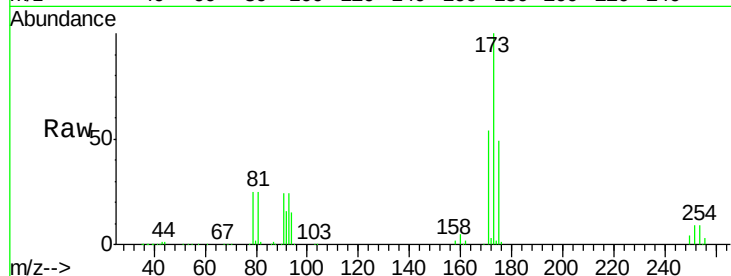
#71
Bromoform
Concen: 54.374 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. 0.00 min
Lab File: VW003710.D
Acq: 03 Jul 2018 20:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:173 Resp: 74776
Ion Ratio Lower Upper
173 100
175 48.9 24.5 73.5
254 0.1 0.2 0.2#

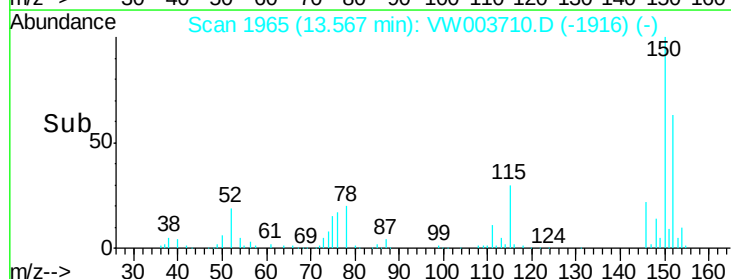
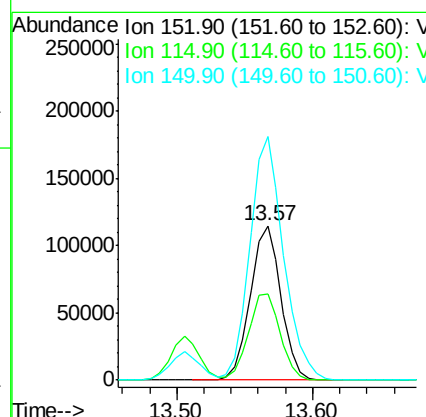
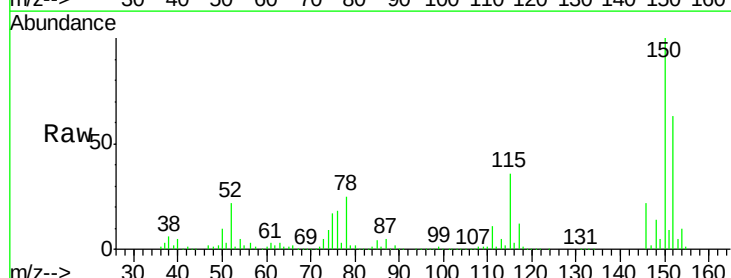
Manual Integrations
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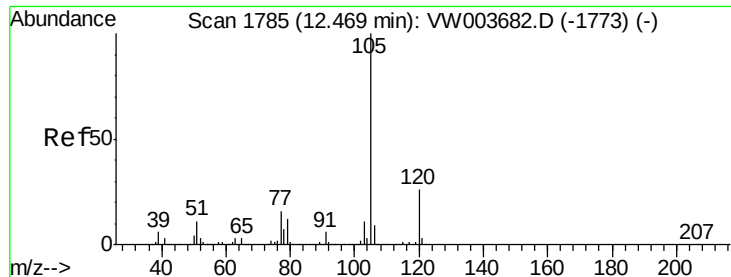
apatel
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003710.D
Acq: 03 Jul 2018 20:36

Tgt Ion:152 Resp: 180286
Ion Ratio Lower Upper
152 100
115 57.7 29.3 88.0
150 173.8 0.0 352.0





#73

Isopropylbenzene

Concen: 54.077 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003710.D

Acq: 03 Jul 2018 20:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 663170

Ion Ratio Lower Upper

105 100

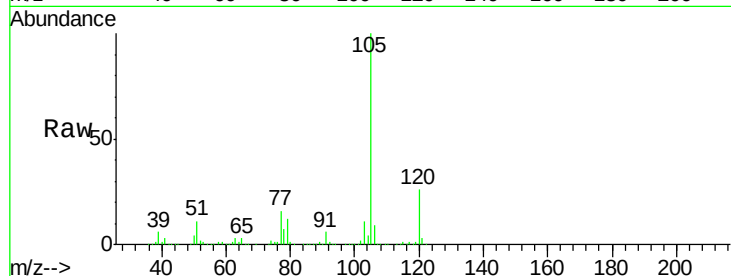
120 26.5 13.1 39.3

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.47

400000

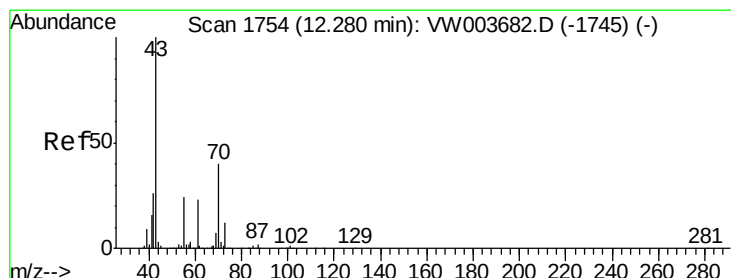
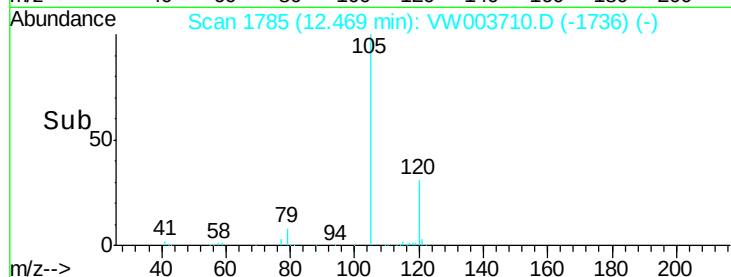
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 56.414 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW003710.D

Acq: 03 Jul 2018 20:36

Tgt Ion: 43 Resp: 182681

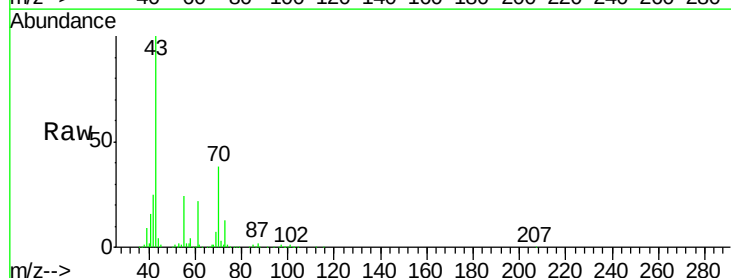
Ion Ratio Lower Upper

43 100

70 38.7 31.3 46.9

55 24.6 20.1 30.1

61 22.5 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV

200000

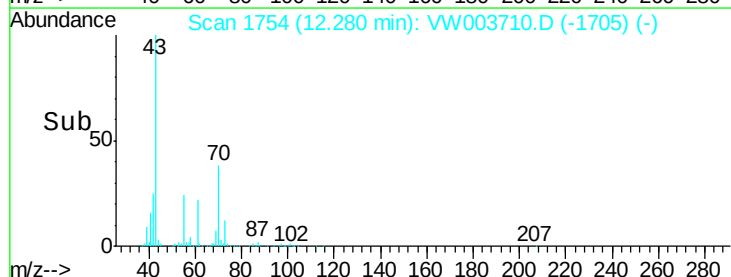
150000

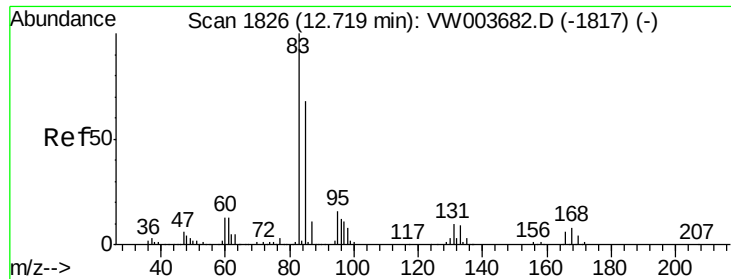
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 52.894 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003710.D

Acq: 03 Jul 2018 20:36

Instrument :

MSVOA_W

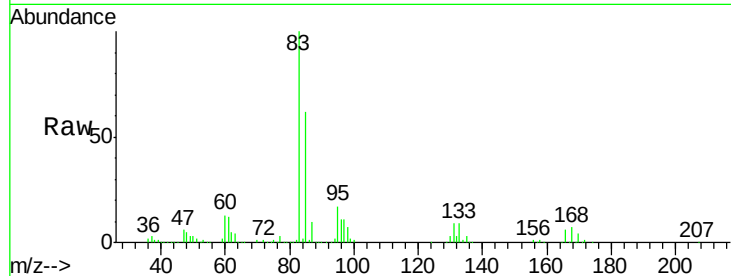
ClientSampled :

VSTDCCC050EC

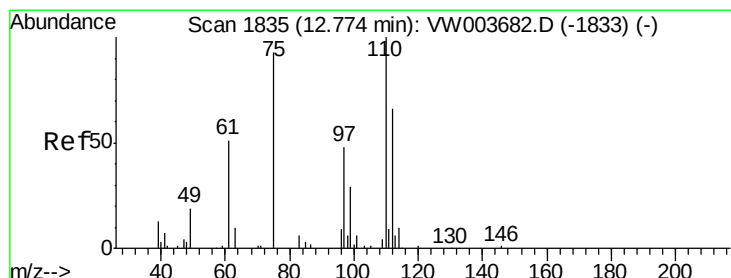
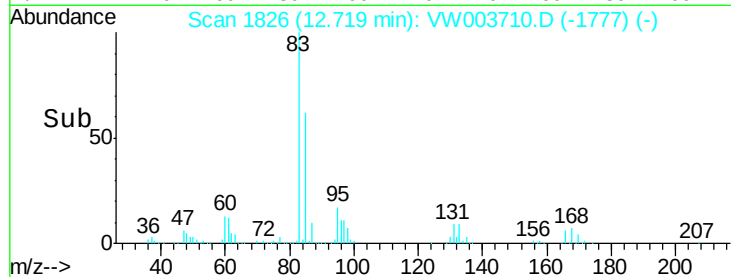
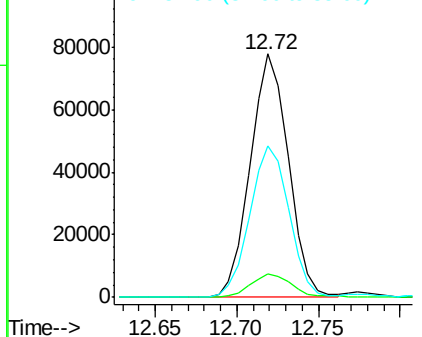
Tot Ion:	83	Resp:	126878
Ion	Ratio	Lower	Upper
83	100		
131	10.3	5.3	15.9
85	64.0	31.9	95.9

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Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 52.906 ug/l m

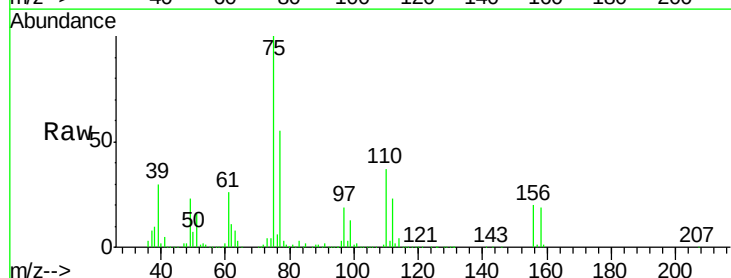
RT: 12.77 min Scan# 1835

Delta R.T. 0.00 min

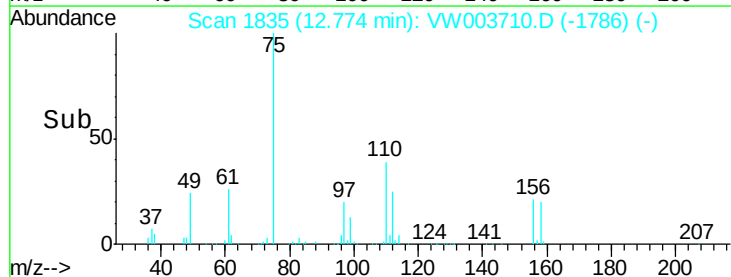
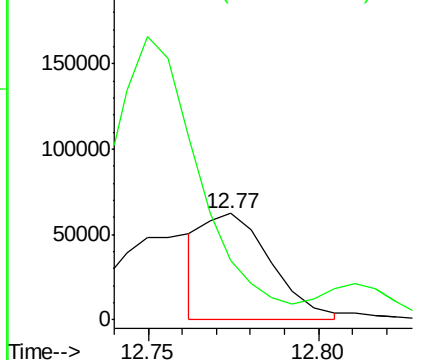
Lab File: VW003710.D

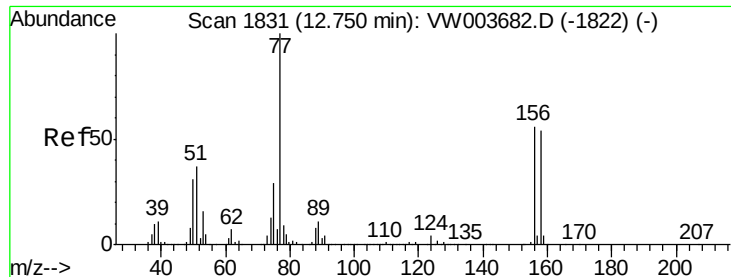
Acq: 03 Jul 2018 20:36

Tgt Ion:	75	Resp:	85762
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW





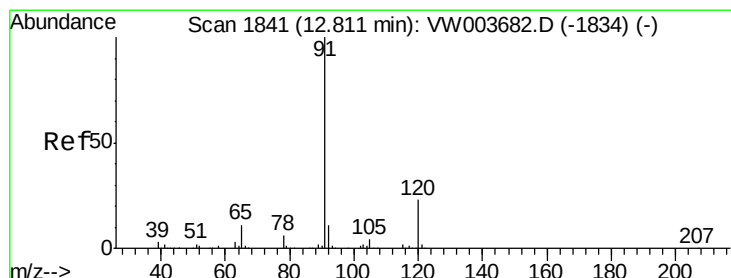
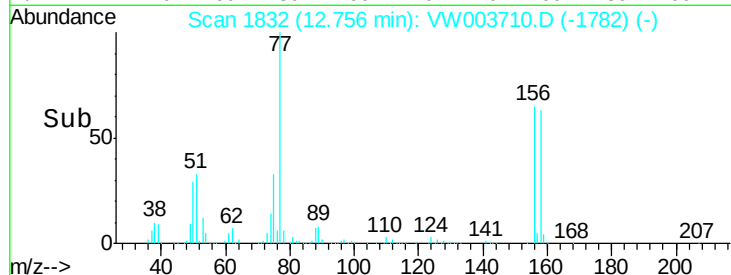
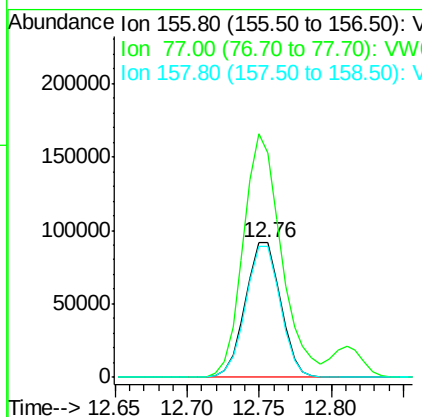
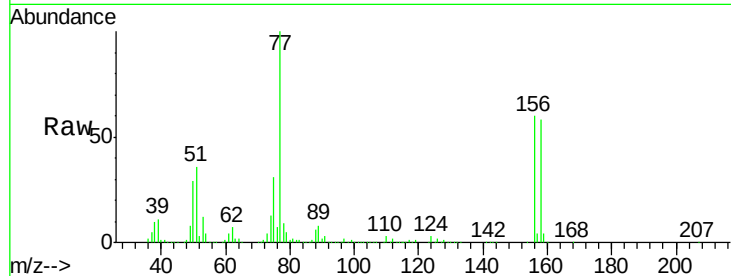
#77
Bromobenzene
Concen: 52.697 ug/l
RT: 12.76 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VW003710.D
Acq: 03 Jul 2018 20:36

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	195.4	95.8	287.4
158	96.0	48.2	144.6

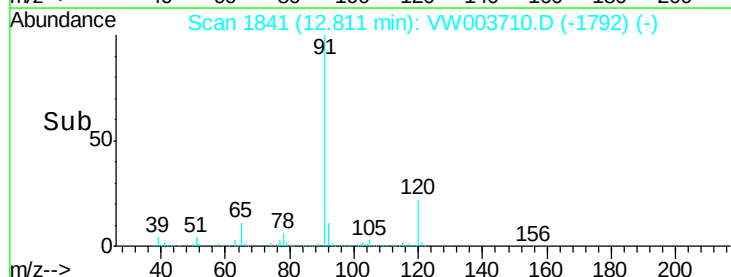
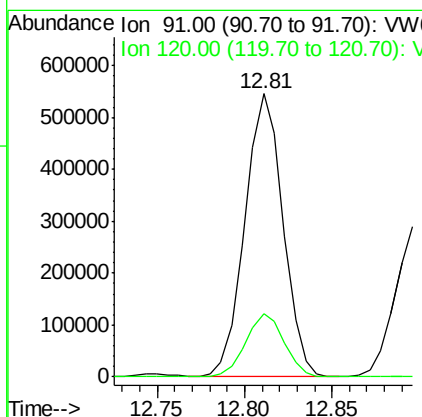
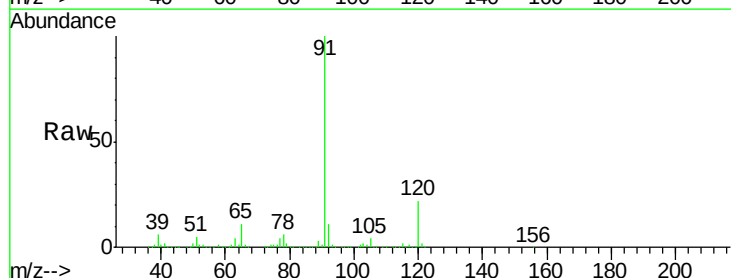
Manual Integrations
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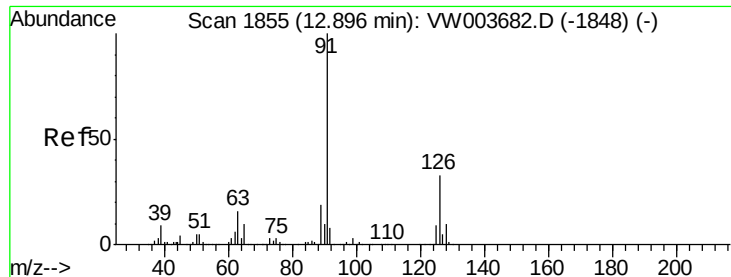
apatel
7/5/2018 11:12:13 AM



#78
n-propylbenzene
Concen: 54.451 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VW003710.D
Acq: 03 Jul 2018 20:36

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.5	11.4	34.1





#79

2-Chlorotoluene

Concen: 54.231 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW003710.D

Acq: 03 Jul 2018 20:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 467534

Ion Ratio Lower Upper

91 100

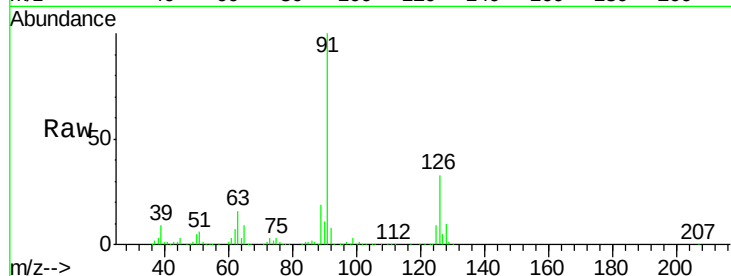
126 33.0 16.4 49.4

Manual Integrations

APPROVED

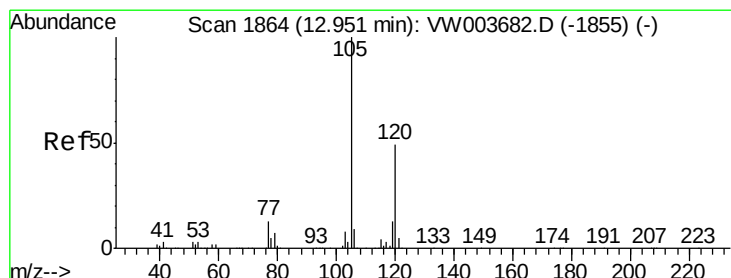
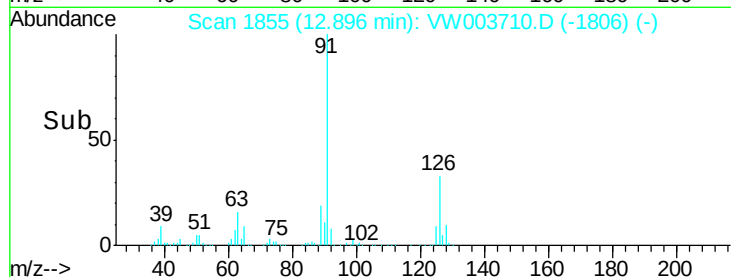
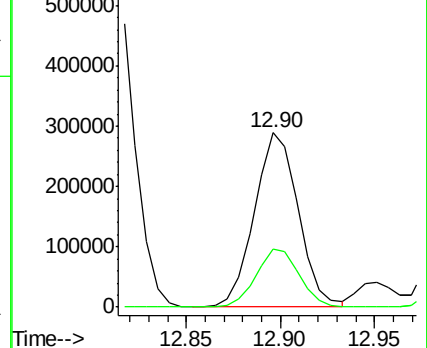
apatel

7/5/2018 11:12:13 AM



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 54.851 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003710.D

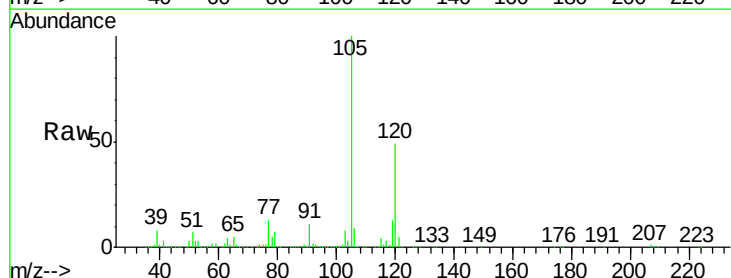
Acq: 03 Jul 2018 20:36

Tgt Ion:105 Resp: 569046

Ion Ratio Lower Upper

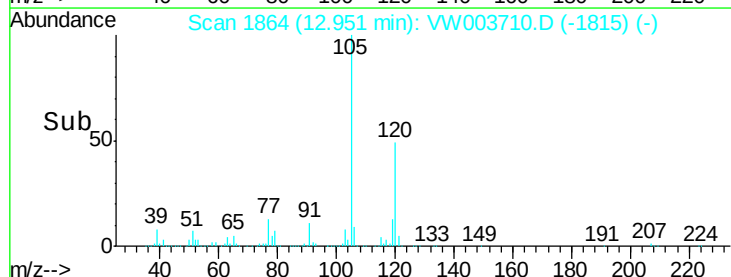
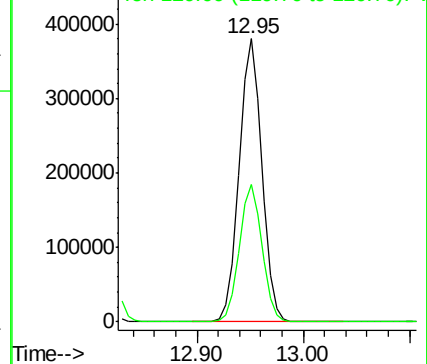
105 100

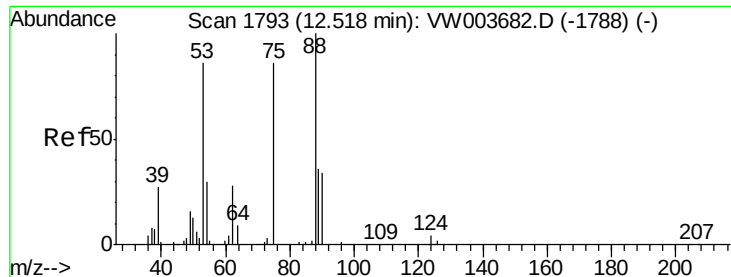
120 48.4 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





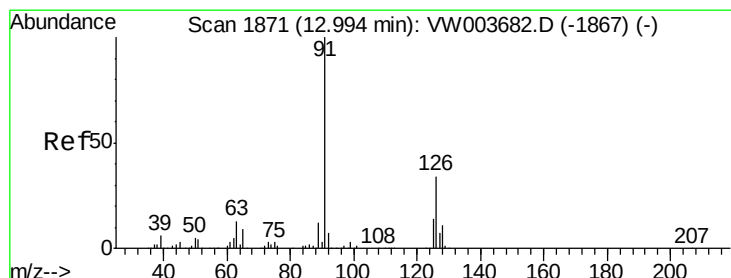
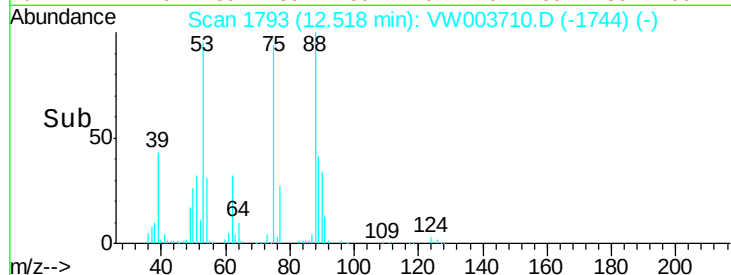
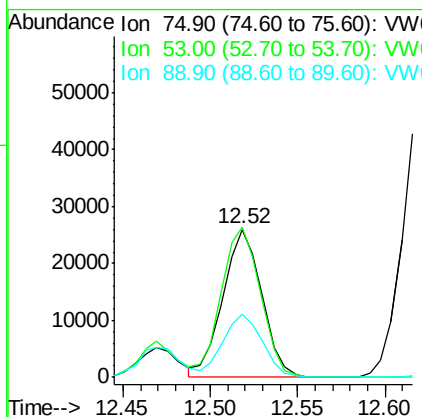
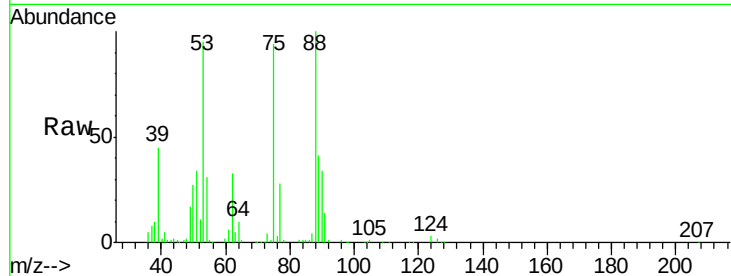
#81
trans-1,4-Dichloro-2-butene
Concen: 52.102 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VW003710.D
Acq: 03 Jul 2018 20:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	104.0	82.4	123.6
89	43.2	35.9	53.9

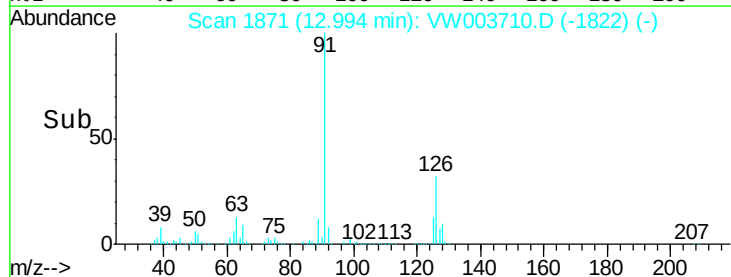
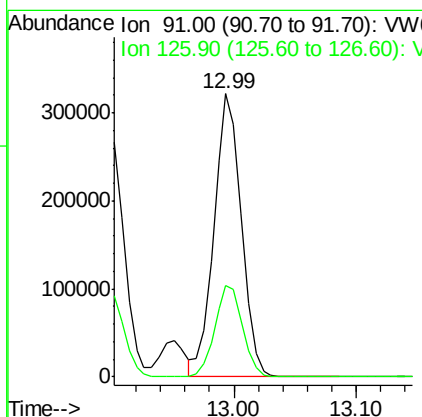
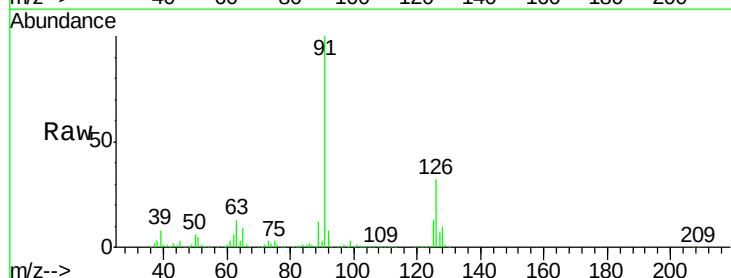
Manual Integrations
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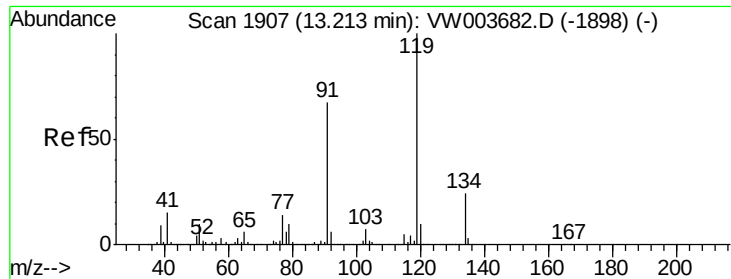
apatel
7/5/2018 11:12:13 AM



#82
4-Chlorotoluene
Concen: 54.528 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. 0.00 min
Lab File: VW003710.D
Acq: 03 Jul 2018 20:36

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.9	17.0	50.9





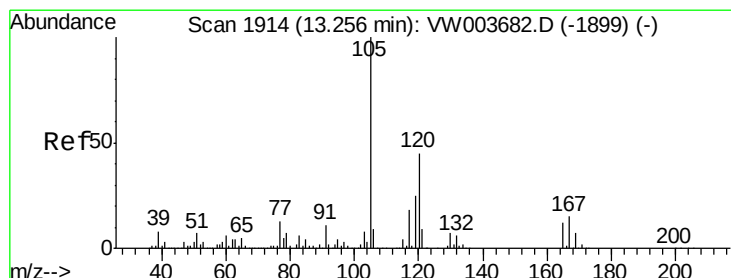
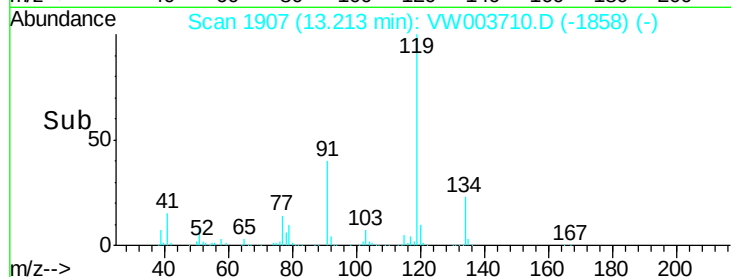
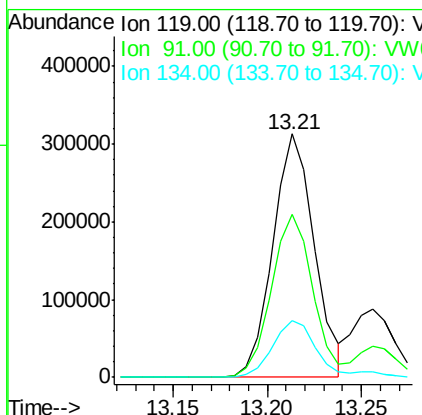
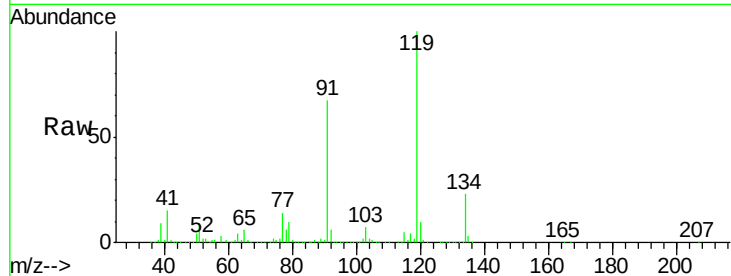
#83
 tert-Butylbenzene
 Concen: 54.674 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW003710.D
 Acq: 03 Jul 2018 20:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.3	33.8	101.3
134	25.7	13.1	39.1

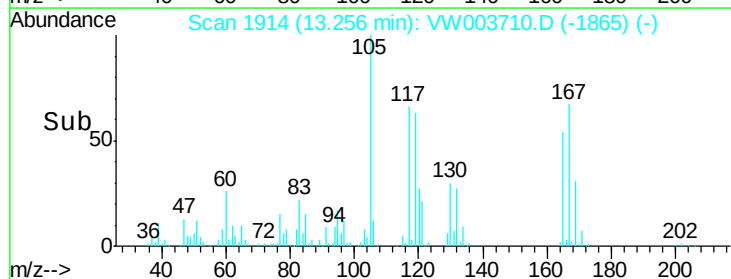
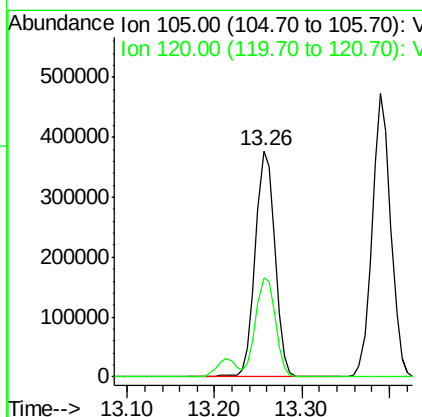
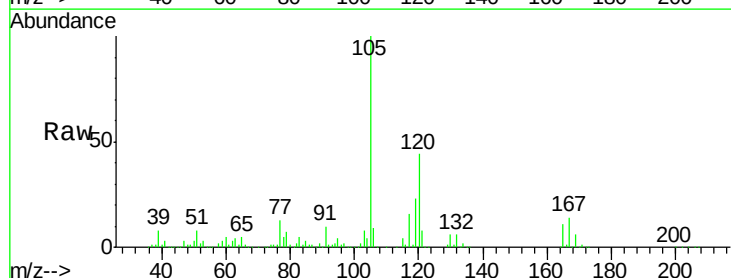
Manual Integrations
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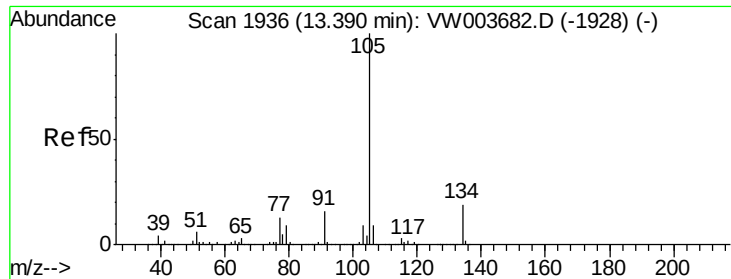
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#84
 1,2,4-Trimethylbenzene
 Concen: 55.011 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. 0.00 min
 Lab File: VW003710.D
 Acq: 03 Jul 2018 20:36

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.1	22.4	67.3





#85

sec-Butylbenzene

Concen: 53.786 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VW003710.D

Acq: 03 Jul 2018 20:36

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050EC

Tot Ion:105 Resp: 700414

Ion Ratio Lower Upper

105 100

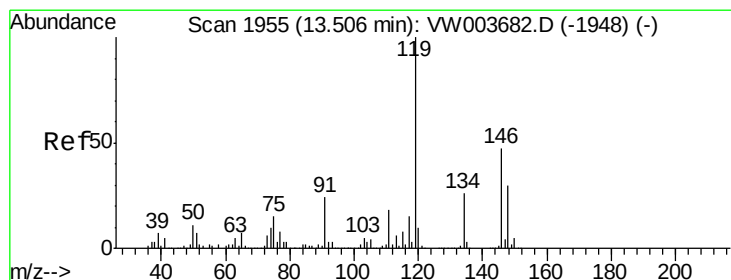
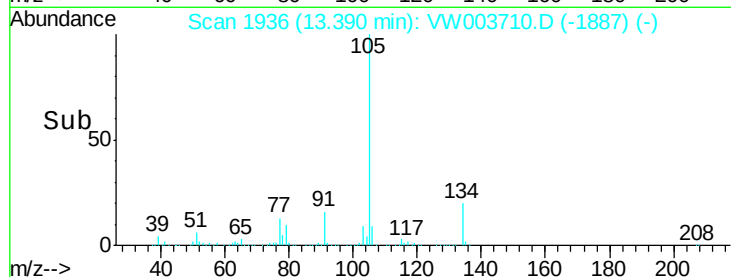
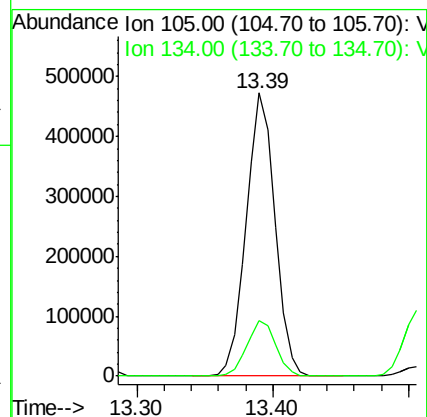
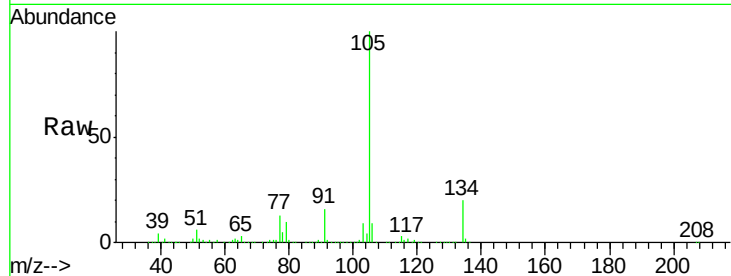
134 19.8 9.8 29.4

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 54.691 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW003710.D

Acq: 03 Jul 2018 20:36

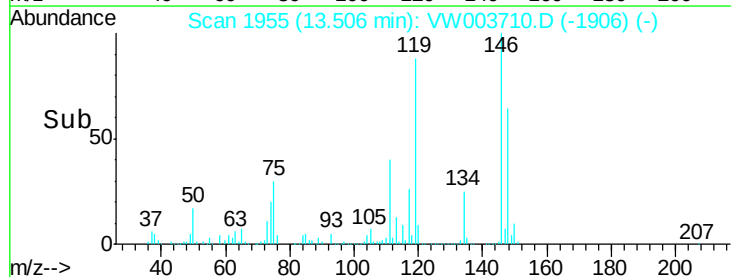
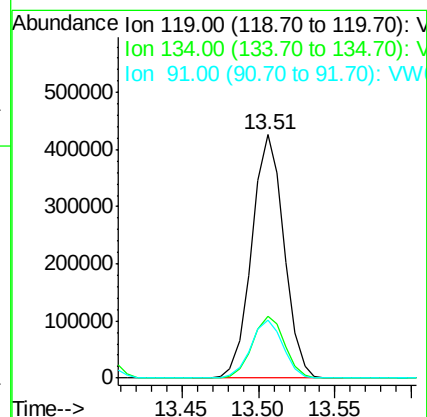
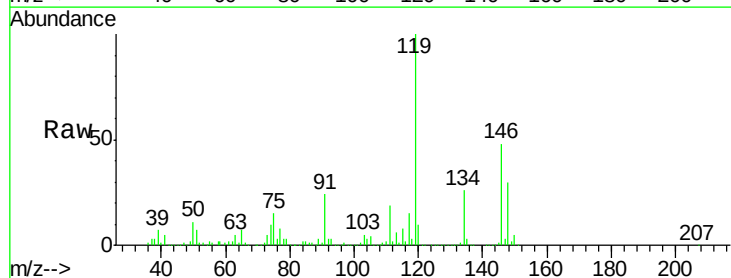
Tgt Ion:119 Resp: 622942

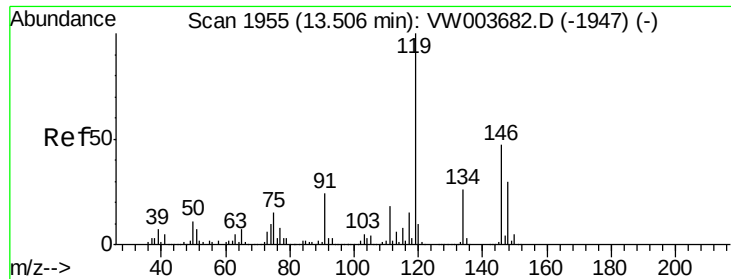
Ion Ratio Lower Upper

119 100

134 25.8 13.0 38.9

91 23.7 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 52.888 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW003710.D

Acq: 03 Jul 2018 20:36

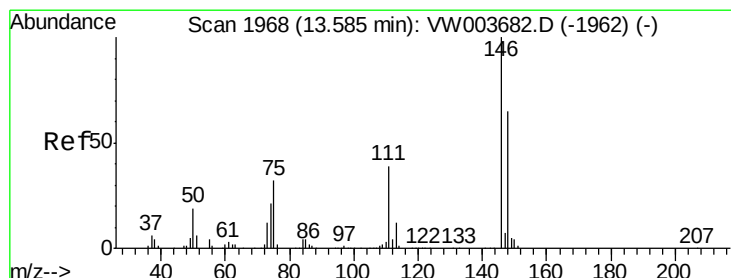
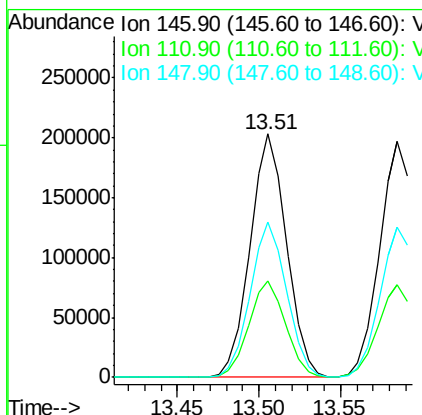
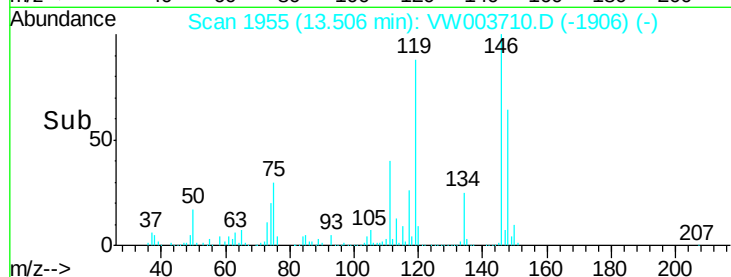
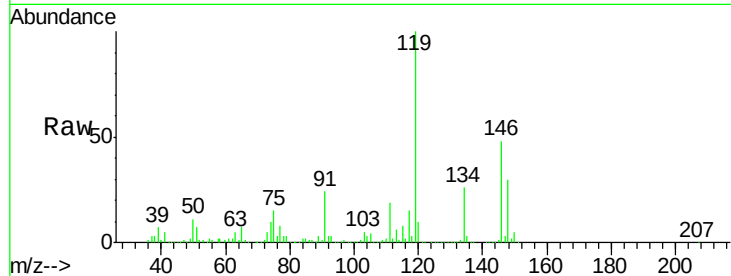
Instrument :
MSVOA_W

ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	315912		
111	39.8	19.9	59.7	
148	63.9	31.9	95.9	

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 52.013 ug/l

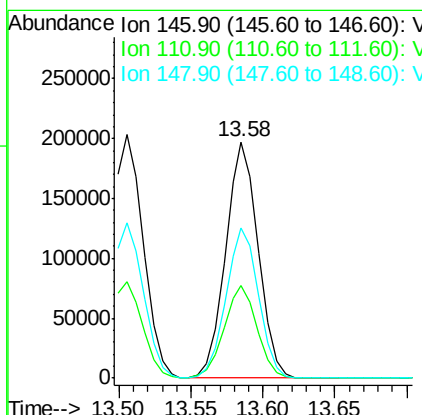
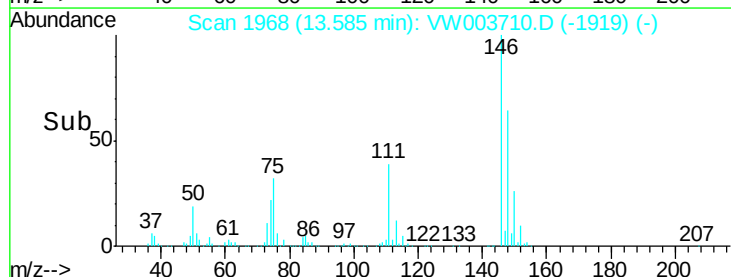
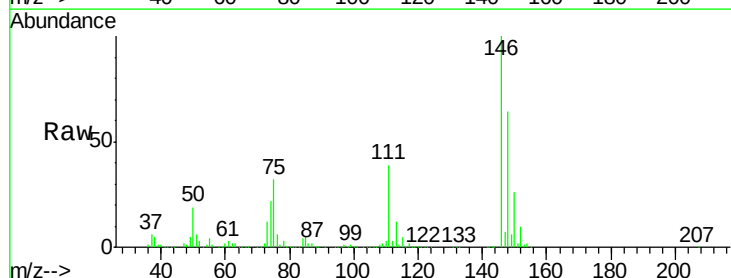
RT: 13.58 min Scan# 1968

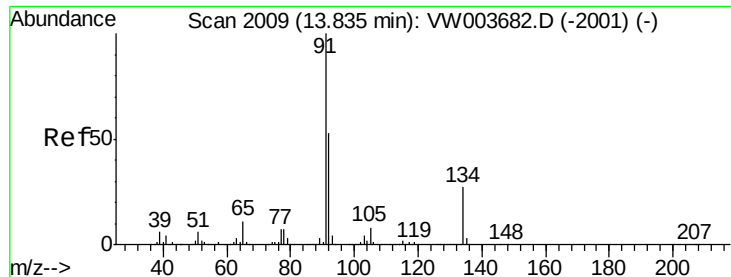
Delta R.T. 0.00 min

Lab File: VW003710.D

Acq: 03 Jul 2018 20:36

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	310464		
111	39.6	19.3	57.9	
148	63.9	32.3	96.9	





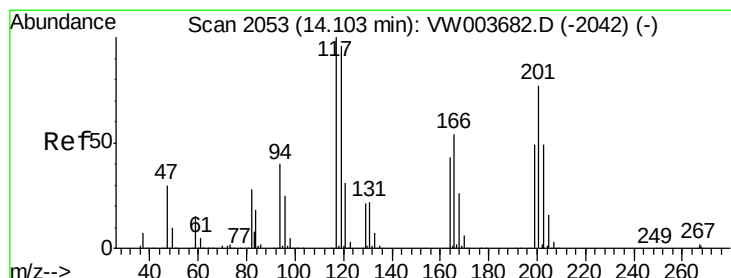
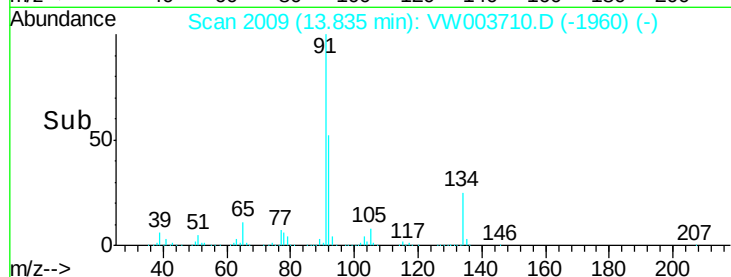
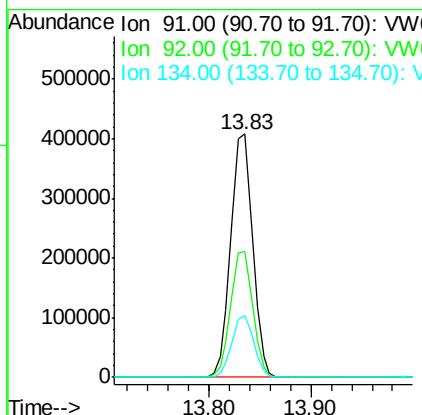
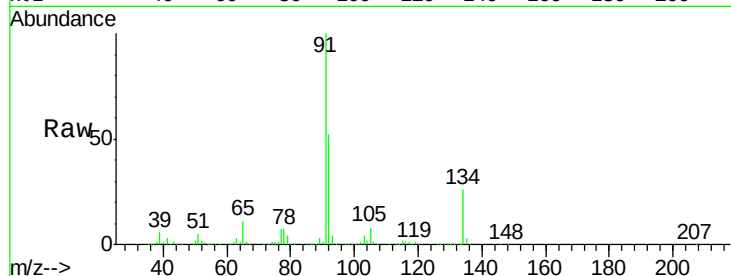
#89
n-Butylbenzene
Concen: 53.726 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. 0.00 min
Lab File: VW003710.D
Acq: 03 Jul 2018 20:36

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.0	26.4	79.2
134	25.3	12.7	38.1

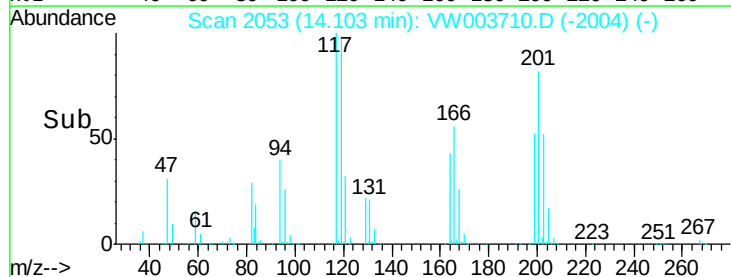
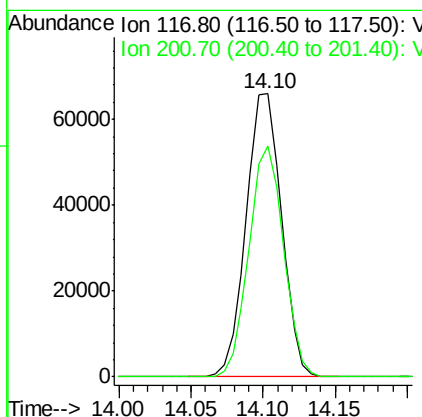
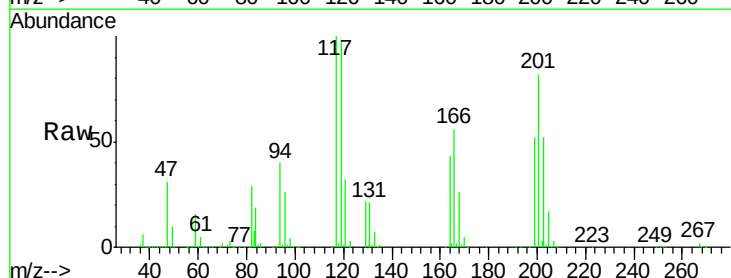
Manual Integrations
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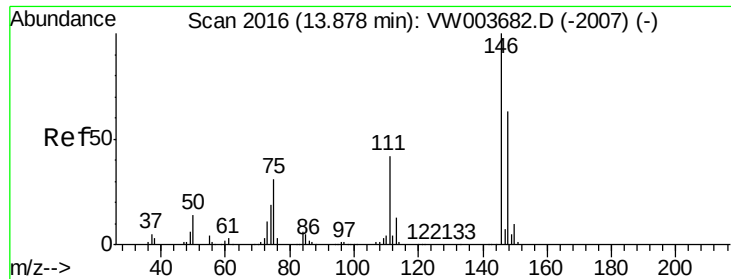
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#90
Hexachloroethane
Concen: 53.198 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VW003710.D
Acq: 03 Jul 2018 20:36

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.5	39.1	117.2





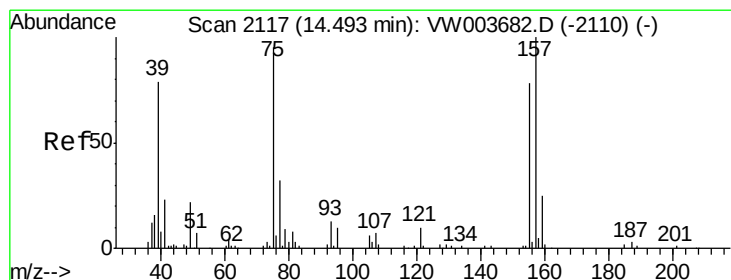
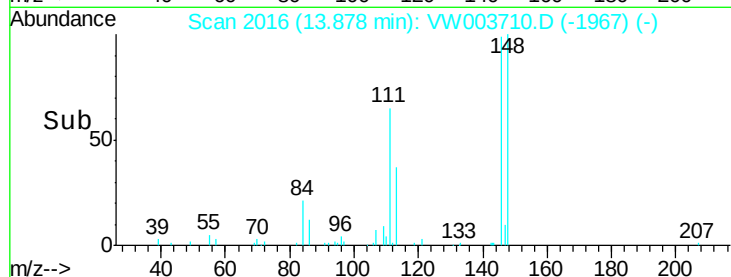
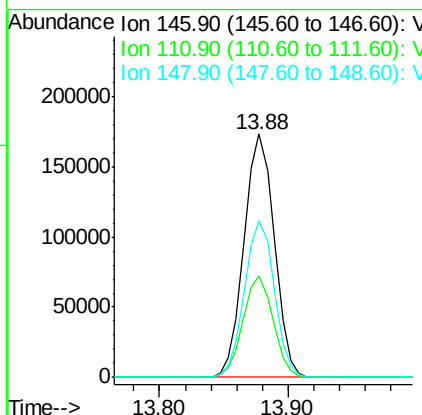
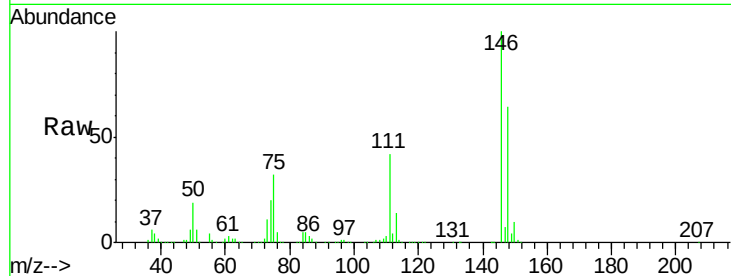
#91
 1,2-Dichlorobenzene
 Concen: 52.610 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003710.D
 Acq: 03 Jul 2018 20:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.6	61.9
148	63.7	31.9	95.7

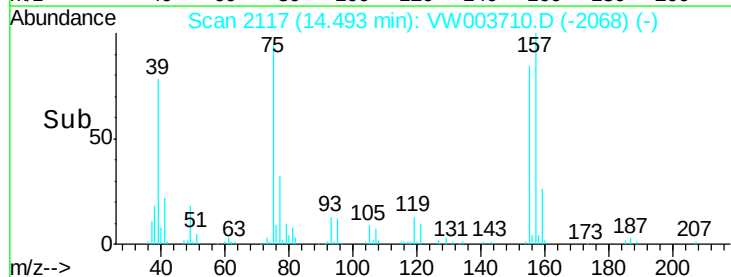
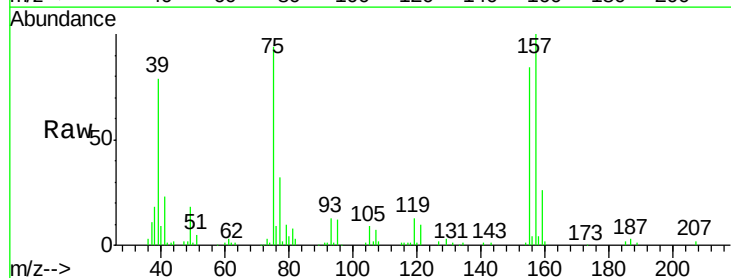
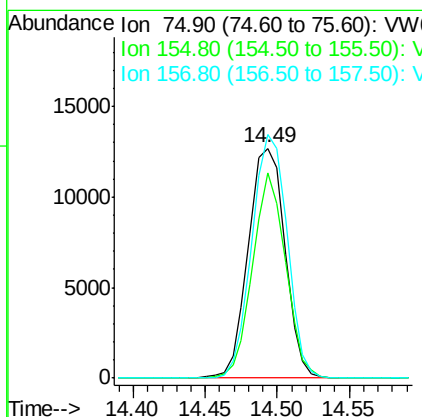
Manual Integrations
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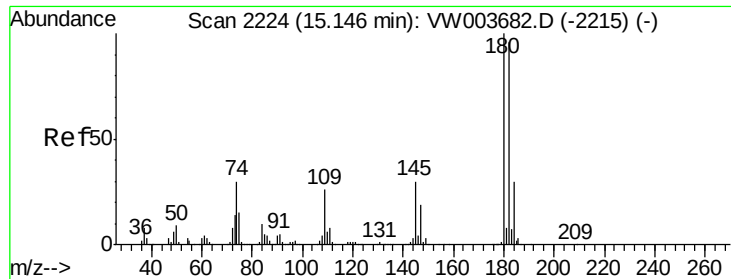
apatel
 7/5/2018 11:12:13 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.478 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW003710.D
 Acq: 03 Jul 2018 20:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.3	40.2	120.6
157	101.7	50.7	152.3





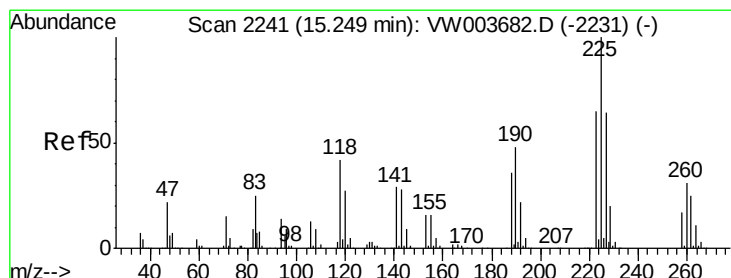
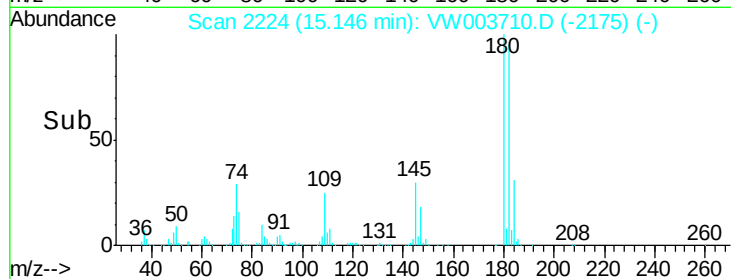
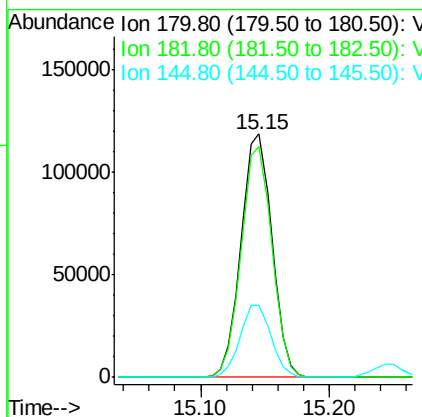
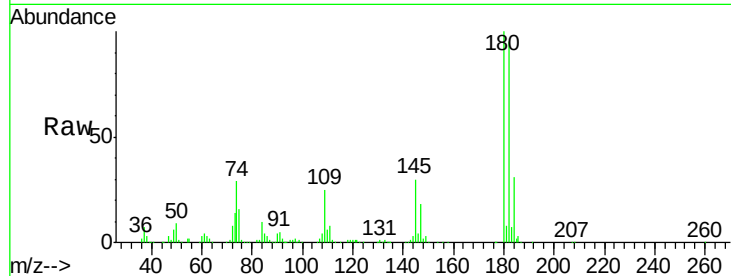
#93
 1,2,4-Trichlorobenzene
 Concen: 52.227 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003710.D
 Acq: 03 Jul 2018 20:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	196682		
182	94.5	47.6	142.8	
145	30.2	14.9	44.5	

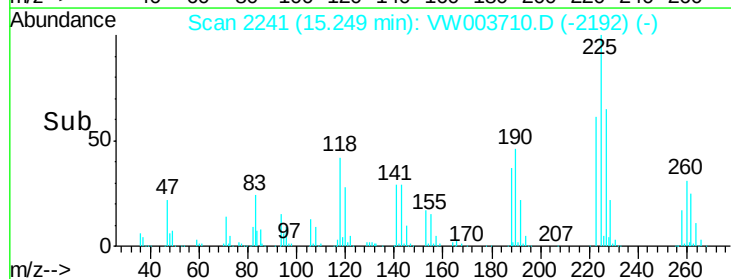
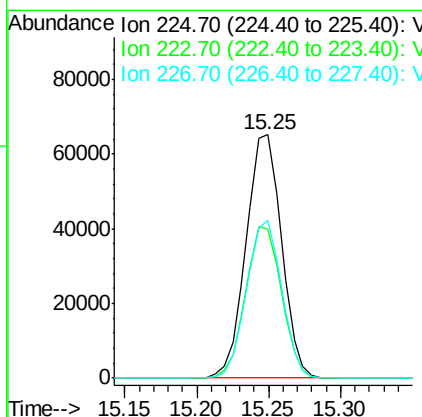
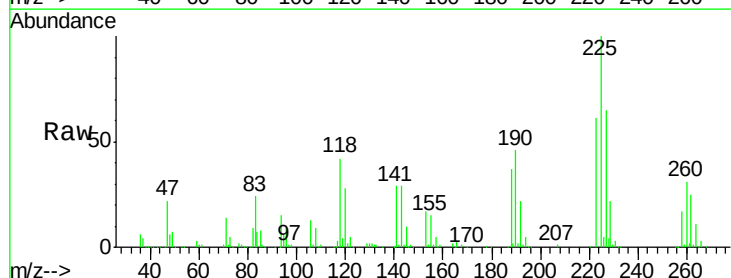
Manual Integrations
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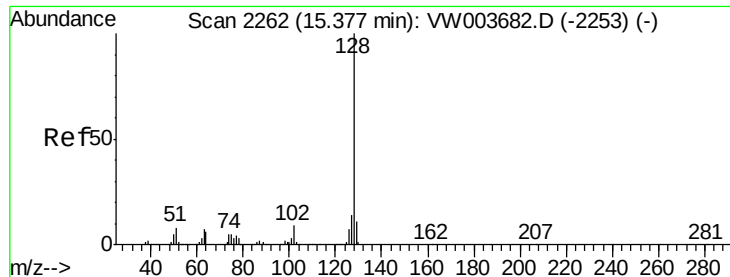
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#94
 Hexachlorobutadiene
 Concen: 51.019 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW003710.D
 Acq: 03 Jul 2018 20:36

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	110967		
223	63.1	32.0	96.2	
227	64.2	31.9	95.7	





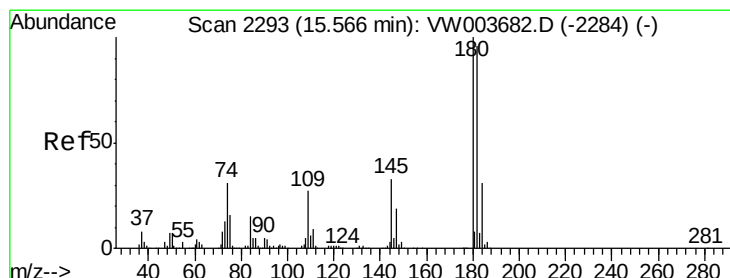
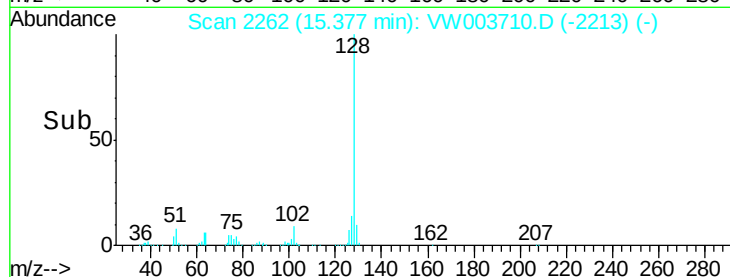
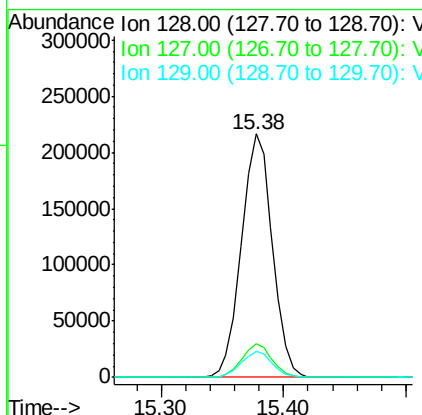
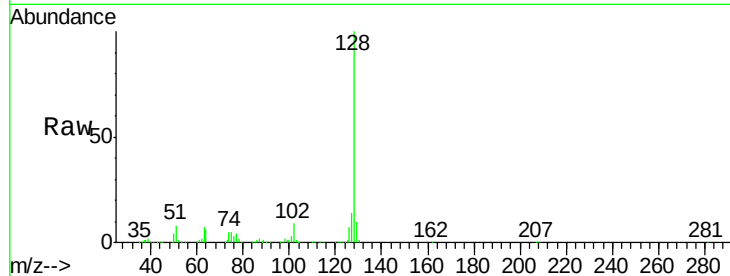
#95
Naphthalene
Concen: 55.369 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW003710.D
Acq: 03 Jul 2018 20:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.6	15.8
129	10.6	8.8	13.2

Manual Integrations
APPROVED

apatel
7/5/2018 11:12:13 AM



#96
1,2,3-Trichlorobenzene
Concen: 52.369 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW003710.D
Acq: 03 Jul 2018 20:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.8	143.3
145	32.3	15.9	47.7

