

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070518\
 Data File : VW003712.D
 Acq On : 05 Jul 2018 10:59
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 7/6/2018 10:01:00 AM

Quant Time: Jul 06 02:48:29 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	276219	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	418737	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	384101	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	203431	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	158108	48.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.02%	
35) Dibromofluoromethane	7.88	113	144226	52.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.62%	
50) Toluene-d8	10.32	98	578845	53.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.98%	
62) 4-Bromofluorobenzene	12.62	95	204052	52.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	91032	59.785	ug/l	97
3) Chloromethane	2.21	50	118485	53.849	ug/l	100
4) Vinyl Chloride	2.36	62	161329	53.740	ug/l	99
5) Bromomethane	2.78	94	99131	50.364	ug/l	99
6) Chloroethane	2.92	64	98481	54.519	ug/l	100
7) Trichlorofluoromethane	3.25	101	82015	51.375	ug/l	96
8) Diethyl Ether	3.67	74	70527	47.747	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.05	101	140583	52.992	ug/l	99
10) Methyl Iodide	4.26	142	210005	53.908	ug/l	100
11) Tert butyl alcohol	5.23	59	43995	213.502	ug/l	100
12) 1,1-Dichloroethene	4.03	96	140205	53.025	ug/l	99
13) Acrolein	3.89	56	26101	261.045	ug/l	94
14) Allyl chloride	4.65	41	243575	53.862	ug/l	100
15) Acrylonitrile	5.38	53	157541	229.961	ug/l	100
16) Acetone	4.14	43	189479	241.041	ug/l	97
17) Carbon Disulfide	4.37	76	444619	56.013	ug/l	100
18) Methyl Acetate	4.68	43	74425	43.670	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	257956	49.945	ug/l	99
20) Methylene Chloride	4.91	84	145058	48.038	ug/l	98
21) trans-1,2-Dichloroethene	5.41	96	152737	52.743	ug/l	100
22) Diisopropyl ether	6.31	45	478695	51.630	ug/l	100
23) Vinyl Acetate	6.26	43	1464199	233.864	ug/l	100
24) 1,1-Dichloroethane	6.21	63	284675	51.486	ug/l	98
25) 2-Butanone	7.18	43	233570	232.051	ug/l	100
26) 2,2-Dichloropropane	7.17	77	175090	51.646	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	165093	52.351	ug/l	98
28) Bromochloromethane	7.51	49	112871	46.440	ug/l	99
29) Tetrahydrofuran	7.54	42	138126	228.924	ug/l	99
30) Chloroform	7.67	83	285270	51.024	ug/l	99
31) Cyclohexane	7.95	56	259141	51.475	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	231639	53.222	ug/l	99
36) 1,1-Dichloropropene	8.08	75	233365	55.518	ug/l	99
37) Ethyl Acetate	7.26	43	99898	48.825	ug/l	98
38) Carbon Tetrachloride	8.07	117	226914	56.747	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	279383	57.717	ug/l	100
40) Benzene	8.32	78	641825	54.326	ug/l	100
41) Methacrylonitrile	7.49	41	55836	48.012	ug/l	98
42) 1,2-Dichloroethane	8.40	62	191073	51.363	ug/l	99
43) Isopropyl Acetate	8.43	43	188390	48.888	ug/l	100
44) Trichloroethene	9.09	130	165449	54.172	ug/l	100
45) 1,2-Dichloropropane	9.37	63	162570	53.045	ug/l	99
46) Dibromomethane	9.46	93	82012	51.527	ug/l	99
47) Bromodichloromethane	9.65	83	207164	52.653	ug/l	98
48) Methyl methacrylate	9.44	41	92401	45.688	ug/l	99
49) 1,4-Dioxane	9.48	88	25023	1002.192	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	493720	243.146	ug/l	100
52) Toluene	10.39	92	406280	55.106	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	217996	53.405	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	250697	54.173	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	113154	50.461	ug/l	96
56) Ethyl methacrylate	10.65	69	147328	46.563	ug/l	97
57) 1,3-Dichloropropane	10.93	76	199169	51.129	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	285530	238.221	ug/l	99
59) 2-Hexanone	10.98	43	369016	254.229	ug/l	99
60) Dibromochloromethane	11.13	129	137964	52.630	ug/l	100
61) 1,2-Dibromoethane	11.24	107	108898	50.702	ug/l	100
64) Tetrachloroethene	10.87	164	141091	54.348	ug/l	98
65) Chlorobenzene	11.66	112	438245	54.270	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	154980	54.916	ug/l	99
67) Ethyl Benzene	11.74	91	803627	56.798	ug/l	99
68) m/p-Xylenes	11.85	106	615161	114.332	ug/l	99
69) o-Xylene	12.17	106	285179	57.334	ug/l	98
70) Styrene	12.19	104	474872	56.841	ug/l	99
71) Bromoform	12.35	173	83450	53.217	ug/l #	99
73) Isopropylbenzene	12.47	105	791952	57.231	ug/l	100
74) N-amyl acetate	12.28	43	185364	50.730	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	136186	50.315	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	90714m	49.594	ug/l	
77) Bromobenzene	12.75	156	179435	54.030	ug/l	99
78) n-propylbenzene	12.81	91	979715	57.310	ug/l	100
79) 2-Chlorotoluene	12.90	91	542107	55.727	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	669937	57.229	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	45541	52.756	ug/l	97
82) 4-Chlorotoluene	12.99	91	572504	55.440	ug/l	100
83) tert-Butylbenzene	13.21	119	568064	57.527	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	689194	57.187	ug/l	99
85) sec-Butylbenzene	13.39	105	845295	57.527	ug/l	100
86) p-Isopropyltoluene	13.51	119	745515	58.006	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	368476	54.669	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	363475	53.966	ug/l	100
89) n-Butylbenzene	13.83	91	736088	57.929	ug/l	99
90) Hexachloroethane	14.10	117	134314	56.252	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	321691	53.379	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	23185	49.162	ug/l	97

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	231352	54.444	ug/l	100
94) Hexachlorobutadiene	15.25	225	138664	56.500	ug/l	98
95) Naphthalene	15.38	128	410086	53.211	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	202627	53.531	ug/l	100

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

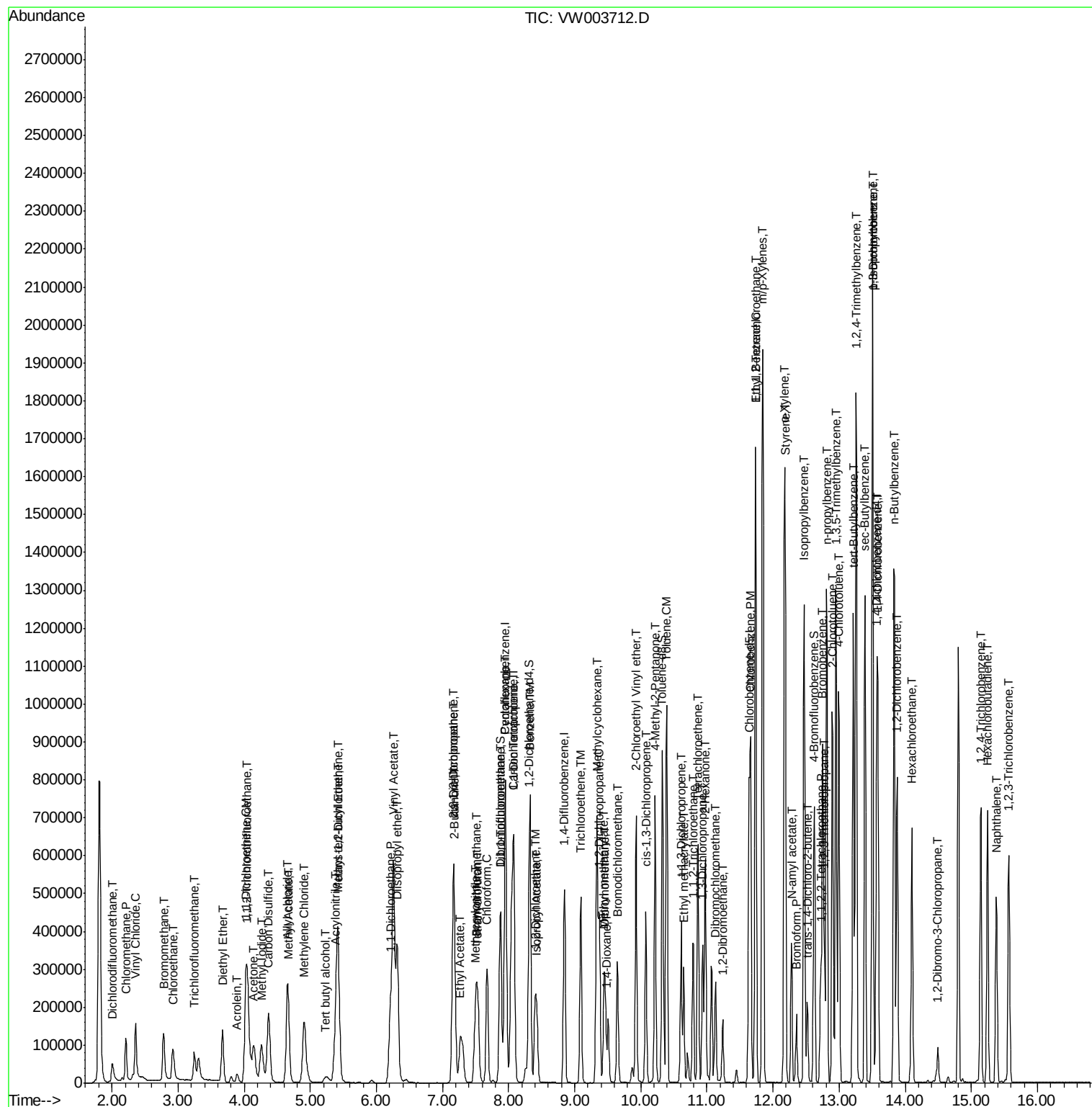
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW070518\
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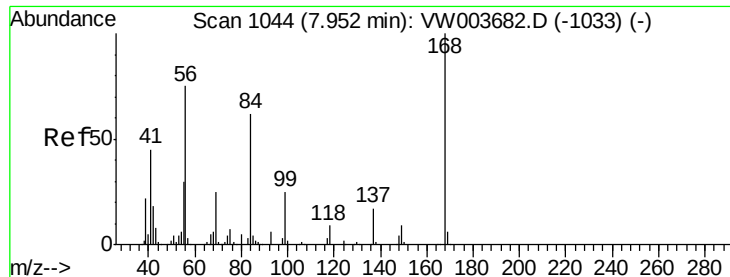
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VW003712.D

Acq: 05 Jul 2018 10:59

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion:168 Resp: 276219

Ion Ratio Lower Upper

168 100

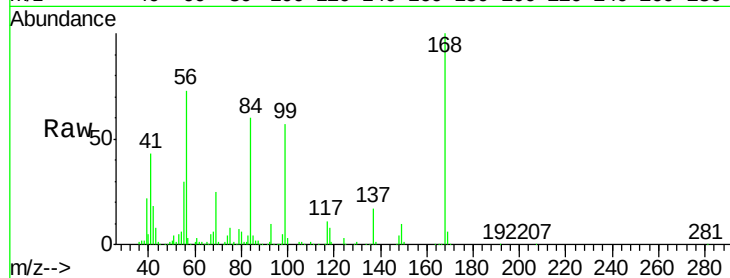
99 57.0 45.4 68.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

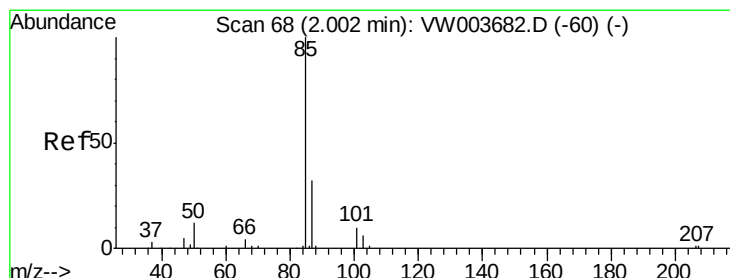
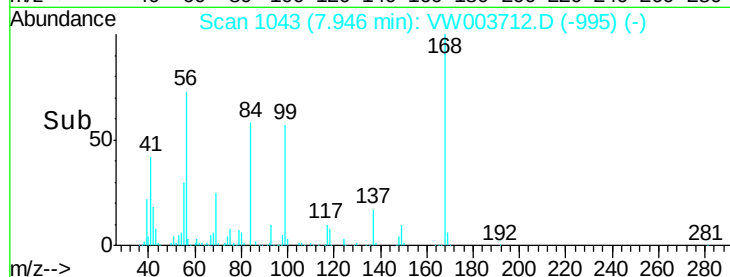
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 59.785 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW003712.D

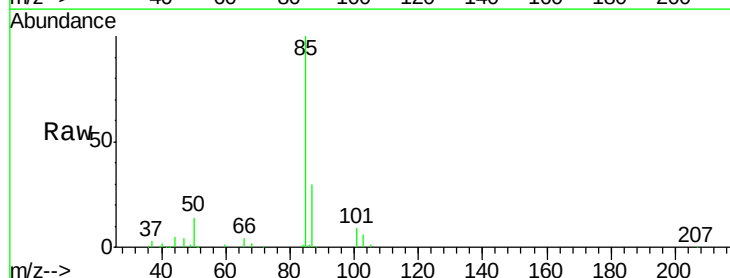
Acq: 05 Jul 2018 10:59

Tgt Ion: 85 Resp: 91032

Ion Ratio Lower Upper

85 100

87 30.2 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

30000

25000

20000

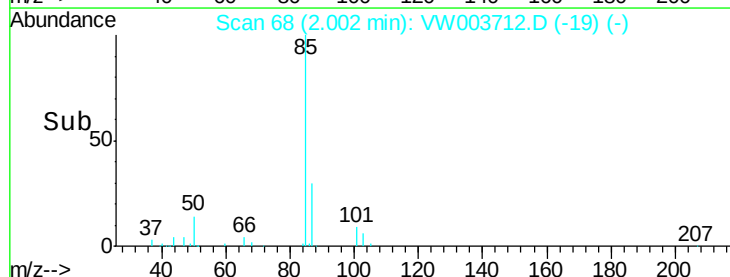
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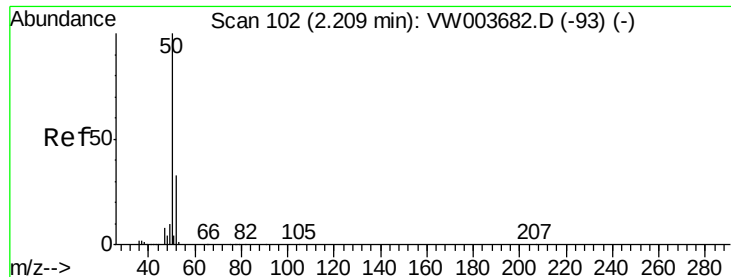
10000

5000

0

Time-->





#3

Chloromethane

Concen: 53.849 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003712.D

Acq: 05 Jul 2018 10:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 118485

Ion Ratio Lower Upper

50 100

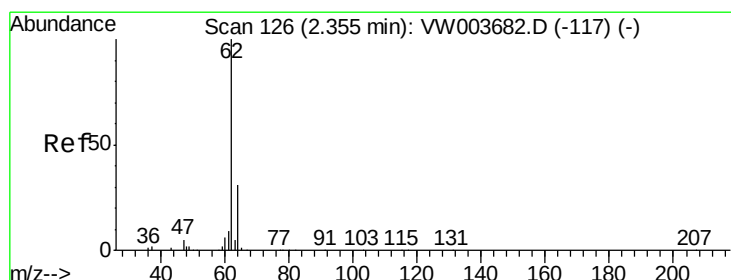
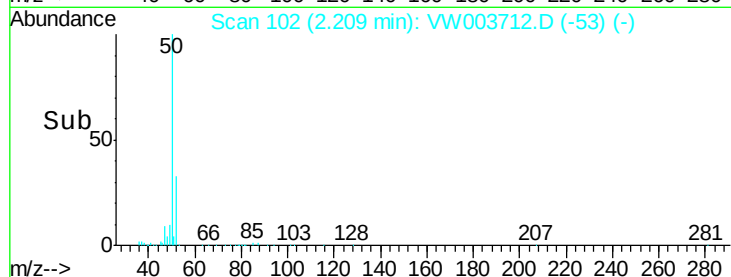
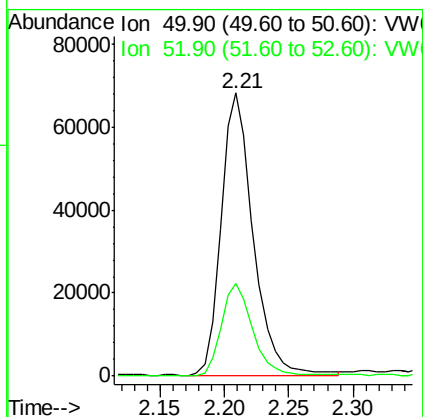
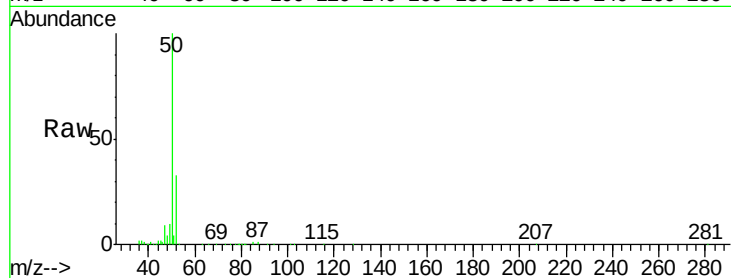
52 32.7 26.1 39.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 53.740 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003712.D

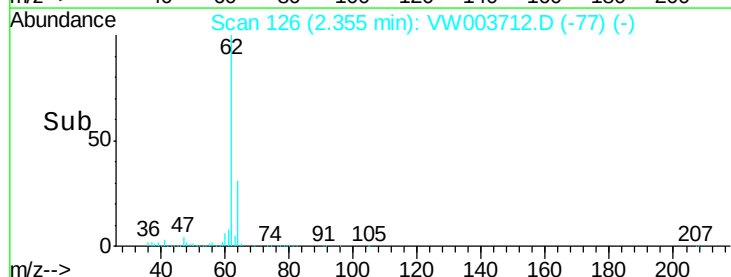
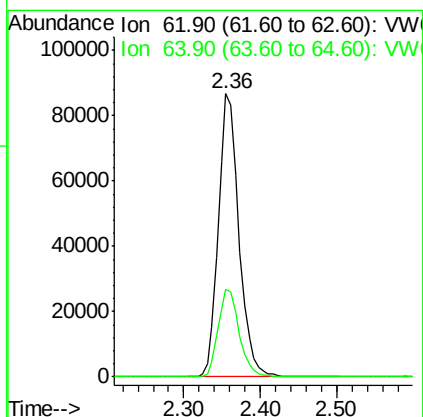
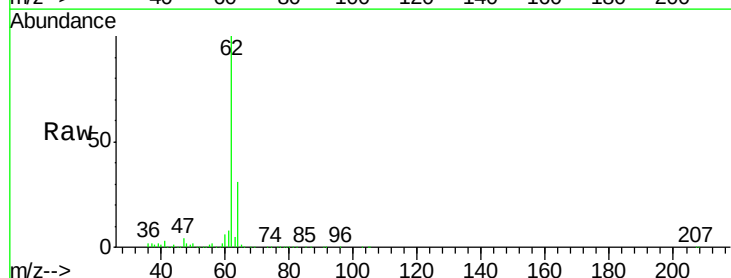
Acq: 05 Jul 2018 10:59

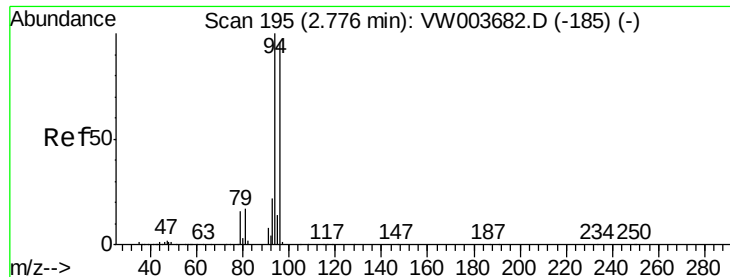
Tgt Ion: 62 Resp: 161329

Ion Ratio Lower Upper

62 100

64 30.9 25.1 37.7





#5

Bromomethane

Concen: 50.364 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.01 min

Lab File: VW003712.D

Acq: 05 Jul 2018 10:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 99131

Ion Ratio Lower Upper

94 100

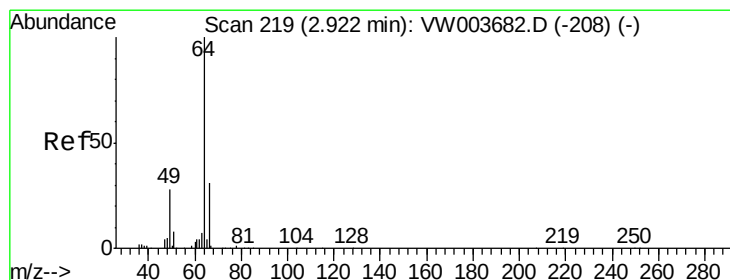
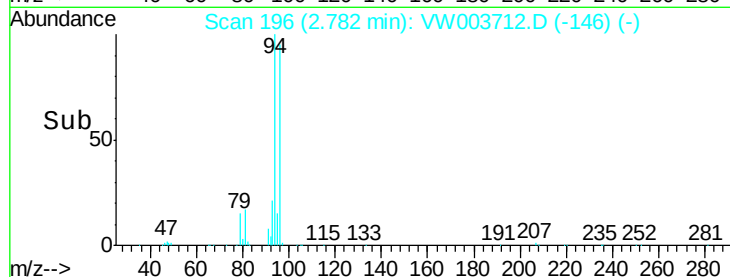
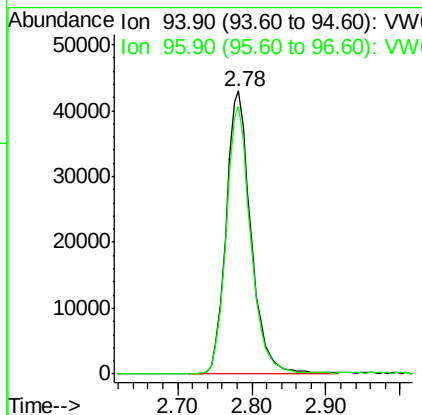
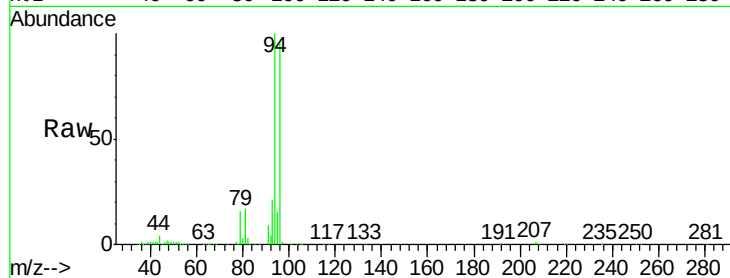
96 94.9 76.6 115.0

Manual Integrations

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#6

Chloroethane

Concen: 54.519 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW003712.D

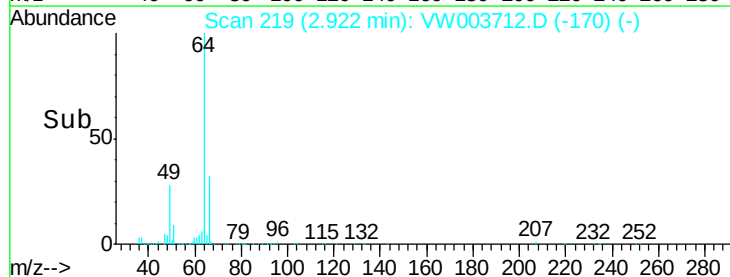
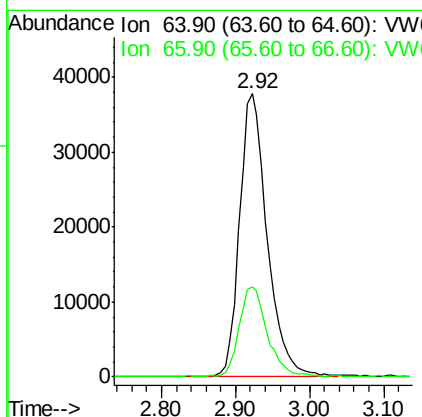
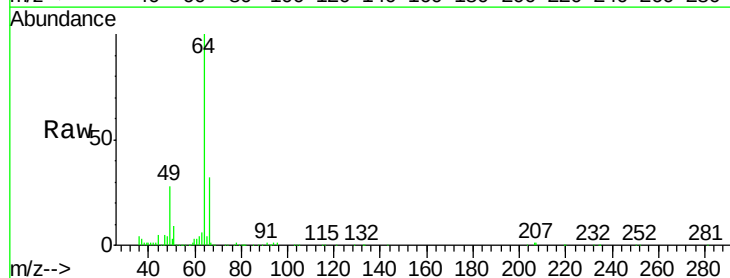
Acq: 05 Jul 2018 10:59

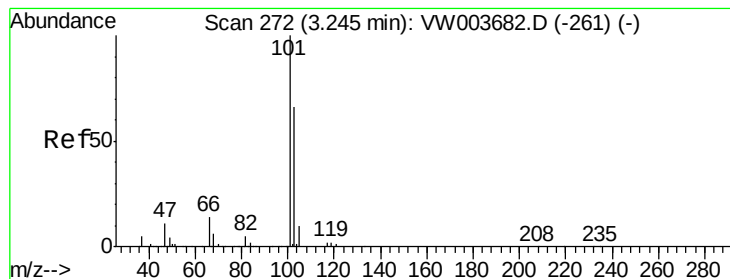
Tgt Ion: 64 Resp: 98481

Ion Ratio Lower Upper

64 100

66 31.4 25.0 37.6





#7

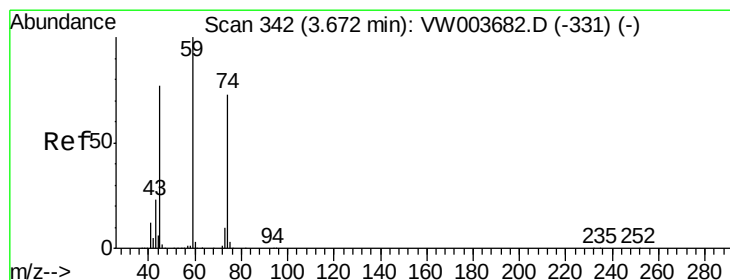
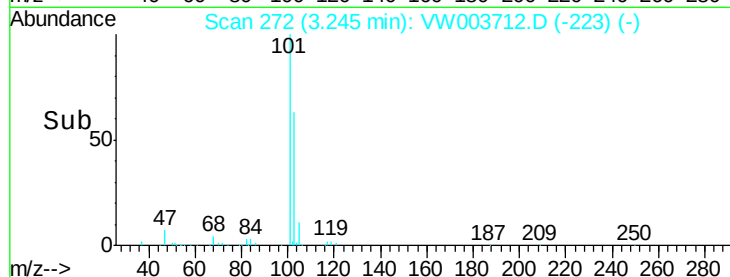
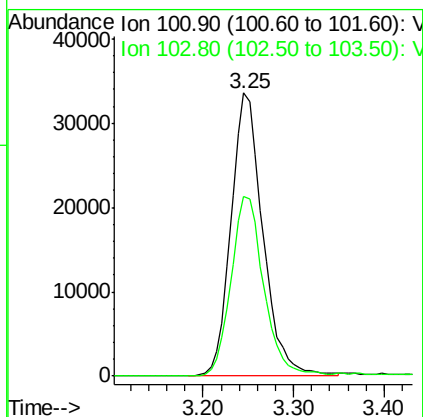
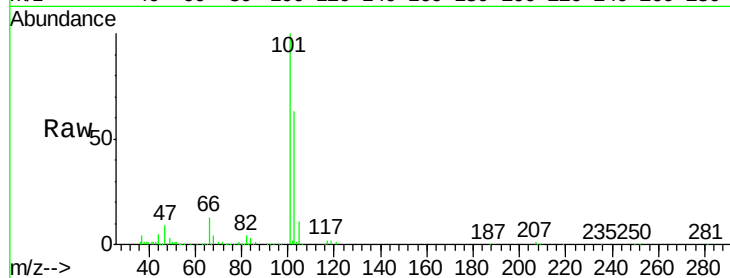
Trichlorofluoromethane
Concen: 51.375 ug/l
RT: 3.25 min Scan# 272
Delta R.T. 0.00 min
Lab File: VW003712.D
Acq: 05 Jul 2018 10:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.1	52.9	79.3

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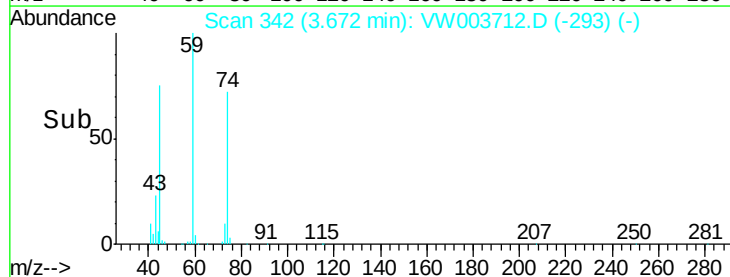
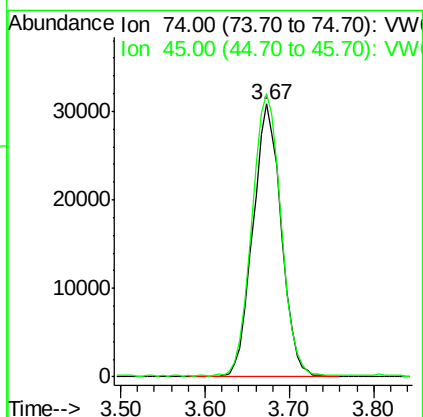
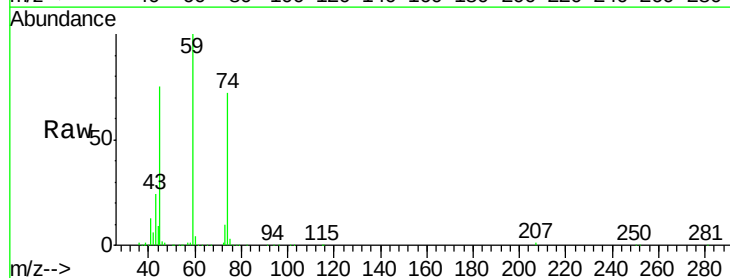
apatel
7/6/2018 10:01:00 AM

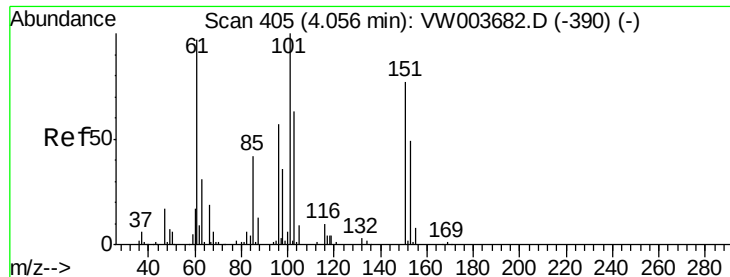


#8

Diethyl Ether
Concen: 47.747 ug/l
RT: 3.67 min Scan# 342
Delta R.T. 0.00 min
Lab File: VW003712.D
Acq: 05 Jul 2018 10:59

Tgt Ion	Ratio	Lower	Upper
74	100		
45	106.6	53.5	160.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.992 ug/l

RT: 4.05 min Scan# 404

Delta R.T. -0.01 min

Lab File: VW003712.D

Acq: 05 Jul 2018 10:59

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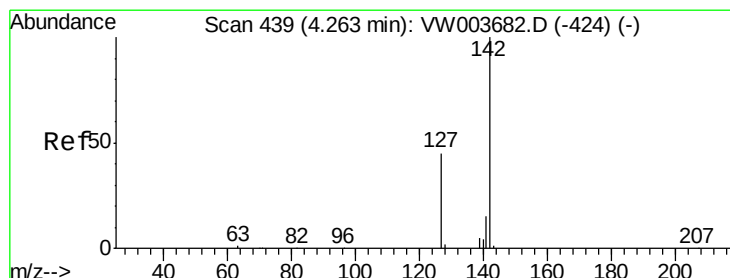
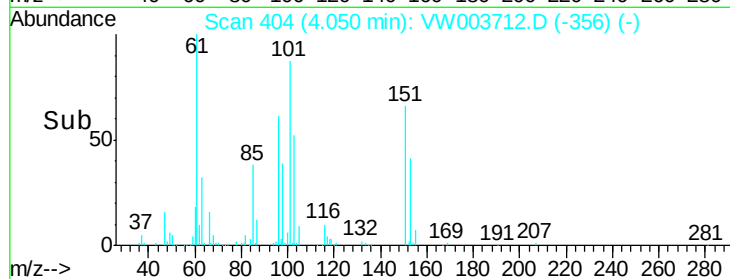
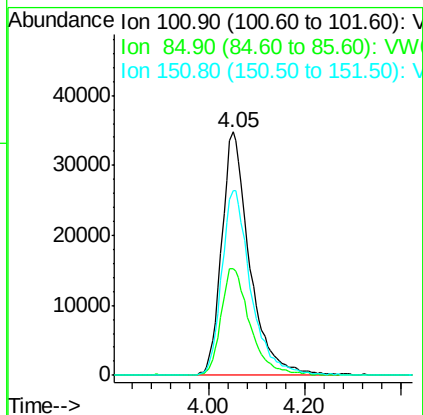
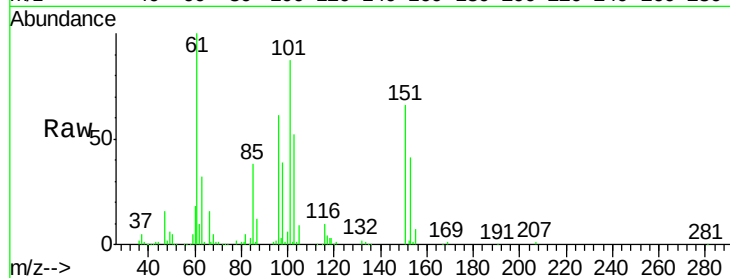
ClientSampled :

VSTDCCC050

Tot Ion:	101	Resp:	140583
Ion Ratio	Lower	Upper	
101	100		
85	45.2	36.6	55.0
151	79.1	62.4	93.6

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#10

Methyl Iodide

Concen: 53.908 ug/l

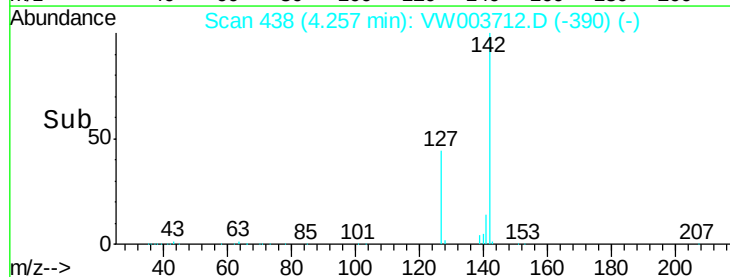
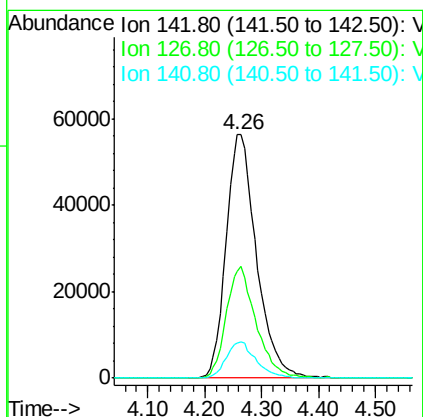
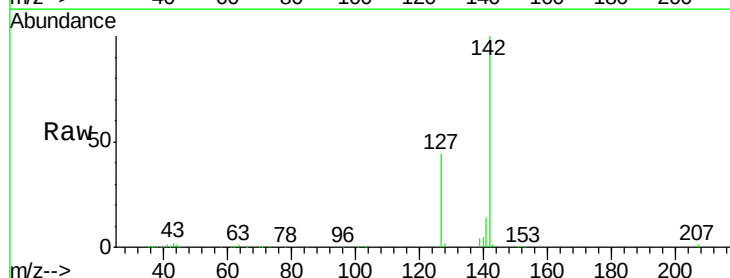
RT: 4.26 min Scan# 438

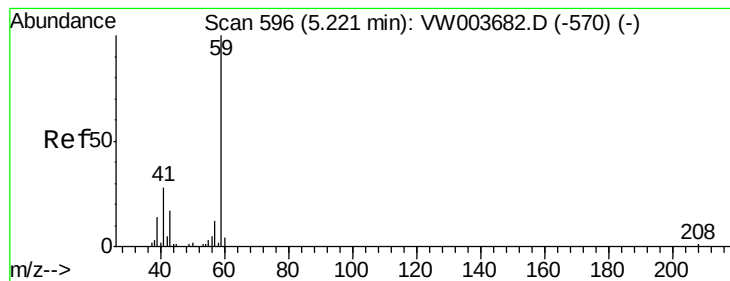
Delta R.T. -0.01 min

Lab File: VW003712.D

Acq: 05 Jul 2018 10:59

Tgt Ion:	142	Resp:	210005
Ion Ratio	Lower	Upper	
142	100		
127	44.8	36.0	54.0
141	14.5	11.9	17.9





#11

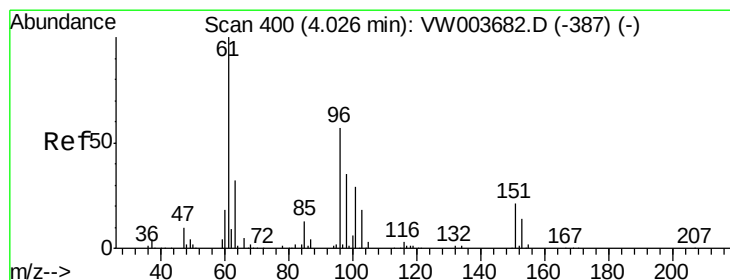
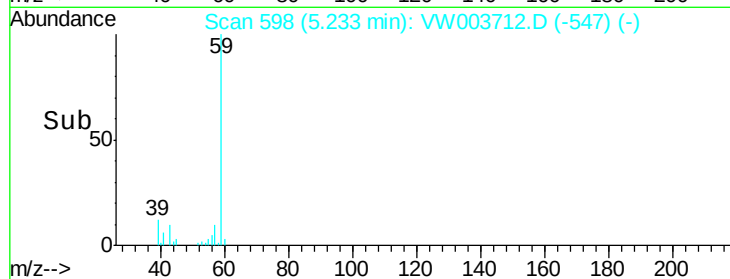
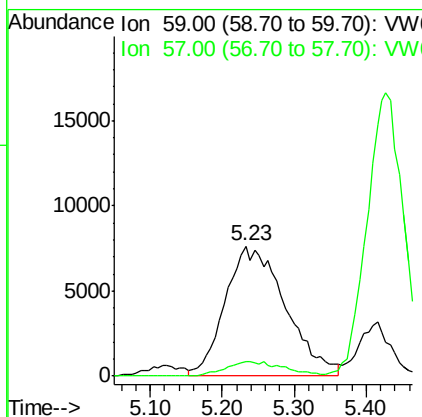
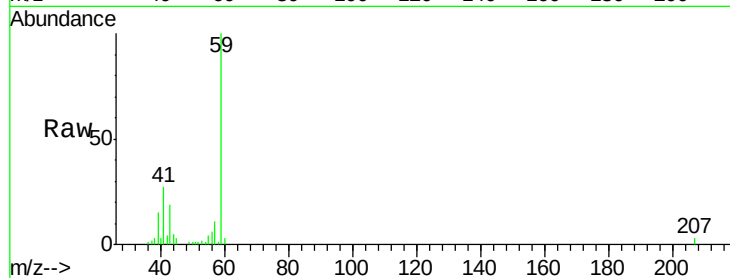
Tert butyl alcohol
Concen: 213.502 ug/l
RT: 5.23 min Scan# 598
Delta R.T. 0.01 min
Lab File: VW003712.D
Acq: 05 Jul 2018 10:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	59	Resp	43995
Ion Ratio	100	Lower	Upper
57	11.1	9.0	13.4

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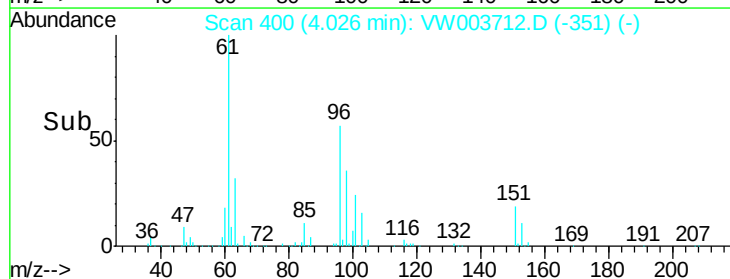
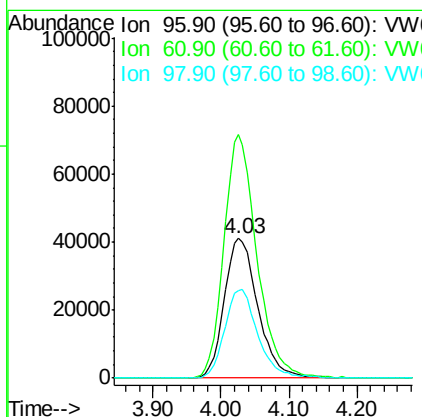
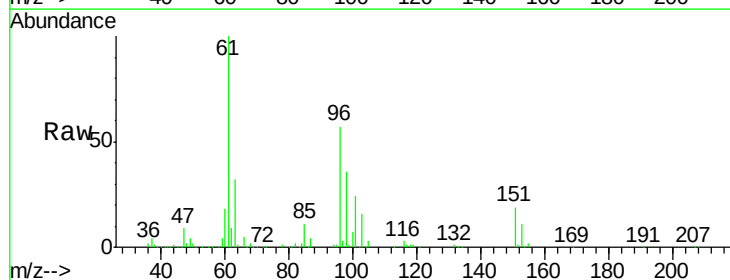
apatel
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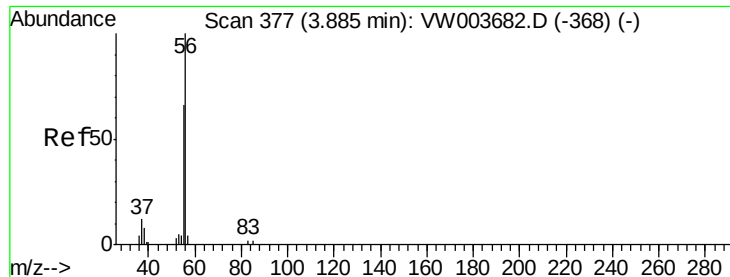


#12

1,1-Dichloroethene
Concen: 53.025 ug/l
RT: 4.03 min Scan# 400
Delta R.T. 0.00 min
Lab File: VW003712.D
Acq: 05 Jul 2018 10:59

Tgt Ion	96	Resp	140205
Ion Ratio	100	Lower	Upper
61	174.8	140.6	211.0
98	62.9	49.4	74.0





#13

Acrolein

Concen: 261.045 ug/l

RT: 3.89 min Scan# 378

Delta R.T. 0.01 min

Lab File: VW003712.D

Acq: 05 Jul 2018 10:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 26101

Ion Ratio Lower Upper

56 100

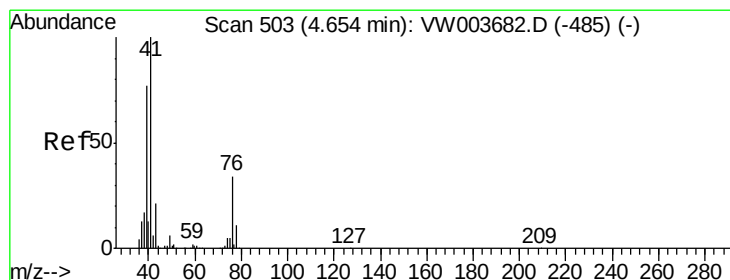
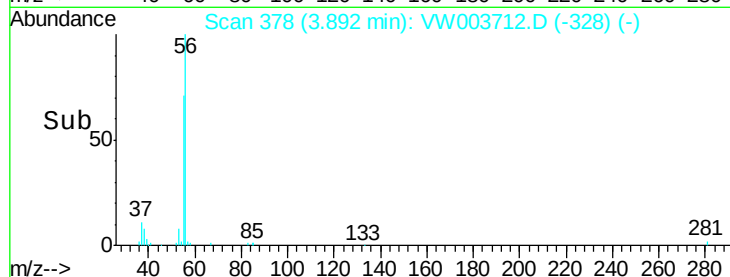
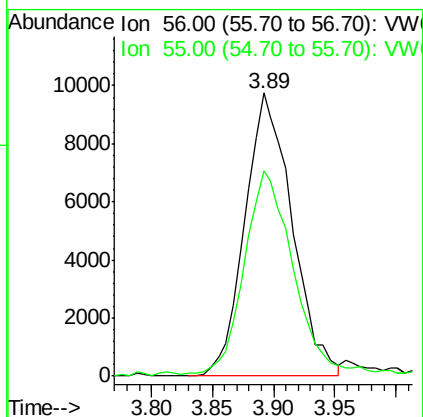
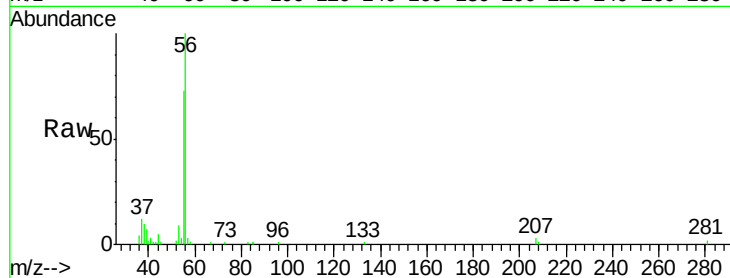
55 73.6 54.7 82.1

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#14

Allyl chloride

Concen: 53.862 ug/l

RT: 4.65 min Scan# 503

Delta R.T. 0.00 min

Lab File: VW003712.D

Acq: 05 Jul 2018 10:59

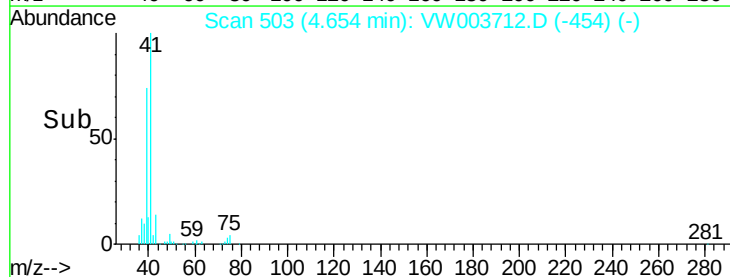
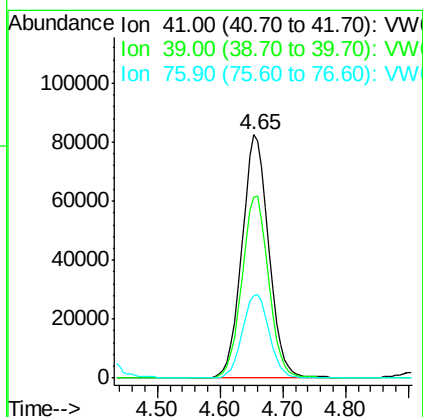
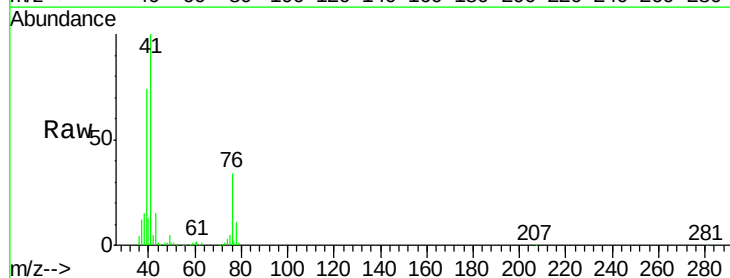
Tgt Ion: 41 Resp: 243575

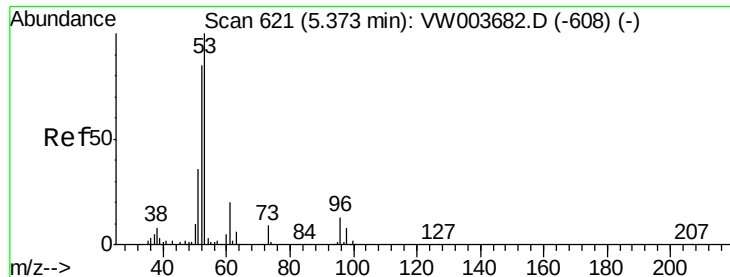
Ion Ratio Lower Upper

41 100

39 74.6 60.1 90.1

76 34.2 27.2 40.8





#15

Acrylonitrile

Concen: 229.961 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.01 min

Lab File: VW003712.D

Acq: 05 Jul 2018 10:59

Instrument :

MSVOA_W

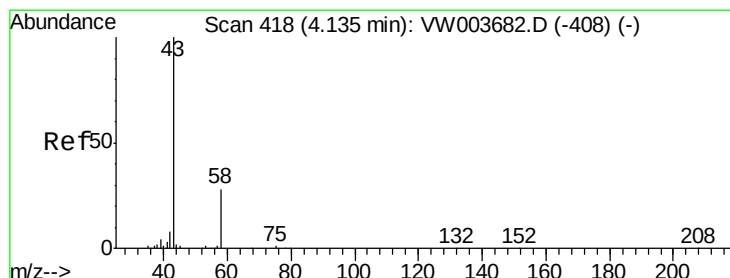
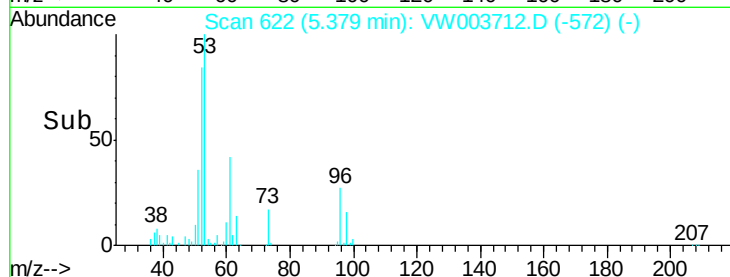
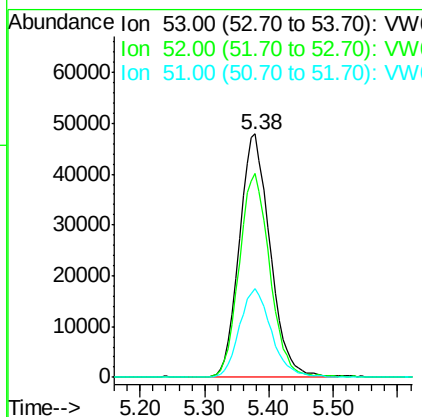
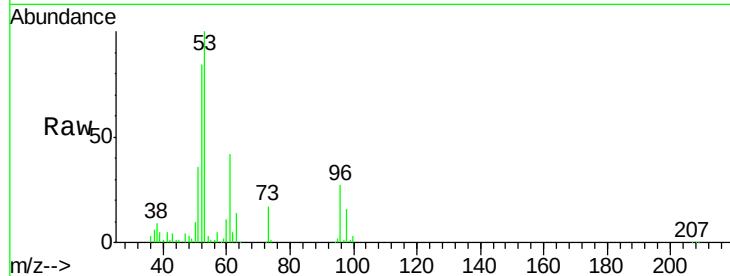
ClientSampled :

VSTDCCC050

Tot Ion:	53	Resp:	157541
Ion Ratio	Lower	Upper	
53	100		
52	83.5	66.8	100.2
51	37.2	30.2	45.4

Manual Integrations
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#16

Acetone

Concen: 241.041 ug/l

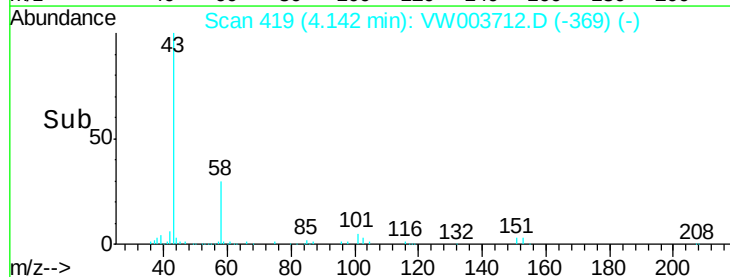
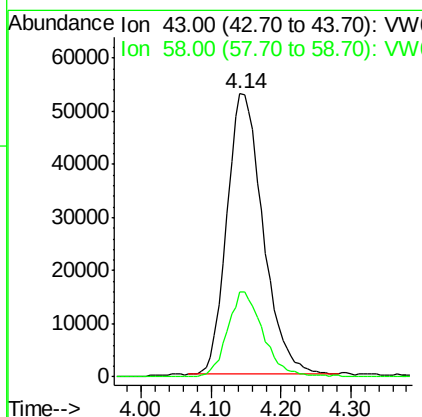
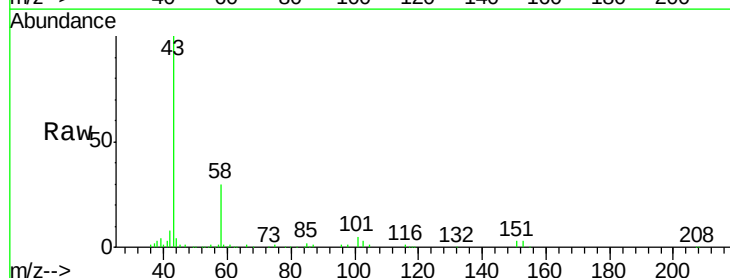
RT: 4.14 min Scan# 419

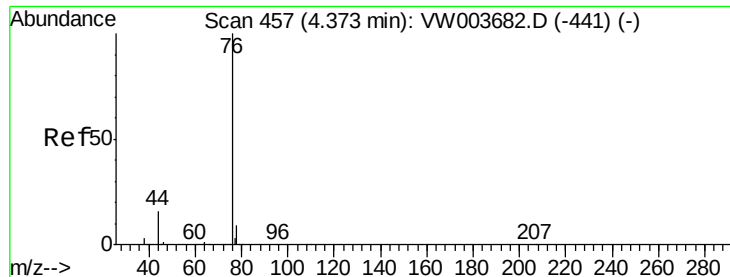
Delta R.T. 0.01 min

Lab File: VW003712.D

Acq: 05 Jul 2018 10:59

Tgt Ion:	43	Resp:	189479
Ion Ratio	Lower	Upper	
43	100		
58	30.1	22.7	34.1





#17

Carbon Disulfide

Concen: 56.013 ug/l

RT: 4.37 min Scan# 456

Delta R.T. -0.01 min

Lab File: VW003712.D

Acq: 05 Jul 2018 10:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 444619

Ion Ratio Lower Upper

76 100

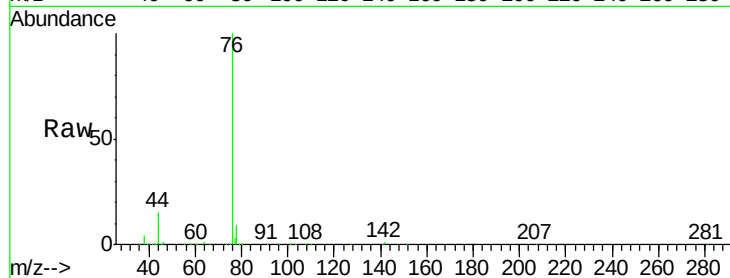
78 9.2 7.4 11.2

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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.37

150000

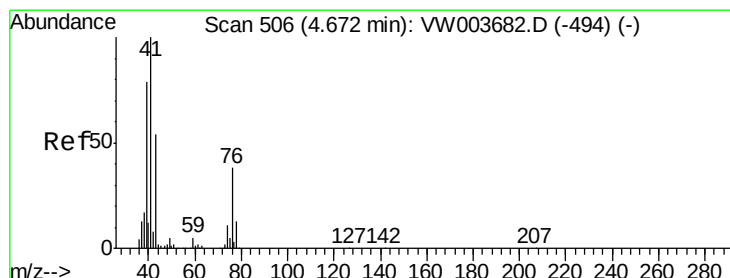
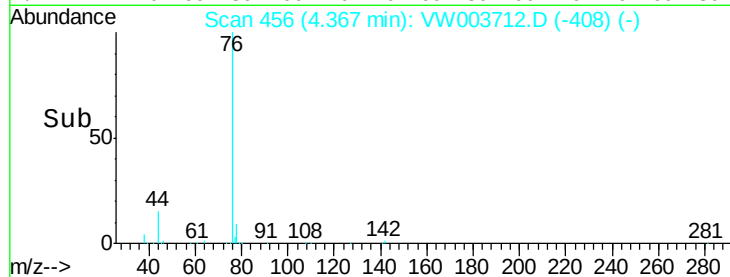
100000

50000

0

4.20 4.30 4.40 4.50 4.60

Time-->



#18

Methyl Acetate

Concen: 43.670 ug/l

RT: 4.68 min Scan# 507

Delta R.T. 0.01 min

Lab File: VW003712.D

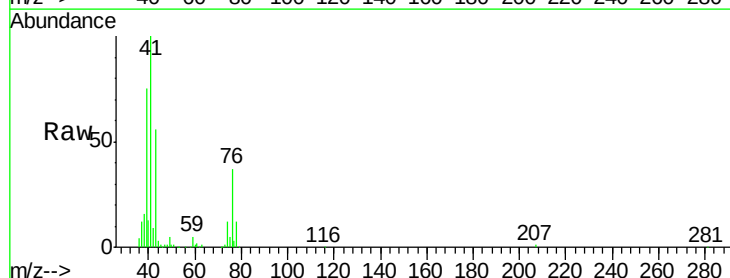
Acq: 05 Jul 2018 10:59

Tgt Ion: 43 Resp: 74425

Ion Ratio Lower Upper

43 100

74 23.0 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.68

25000

20000

15000

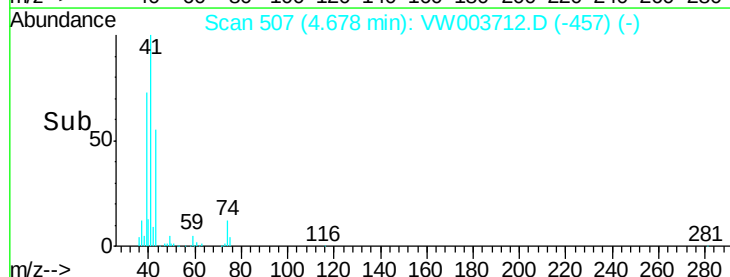
10000

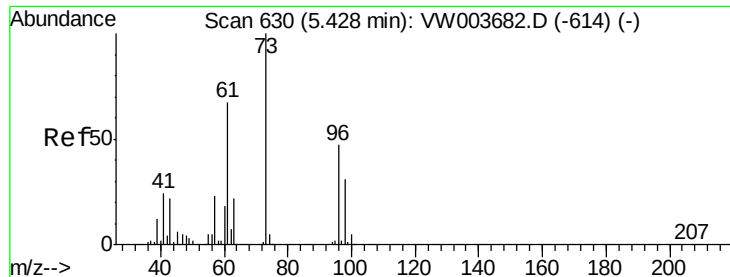
5000

0

4.50 4.60 4.70 4.80 4.90

Time-->





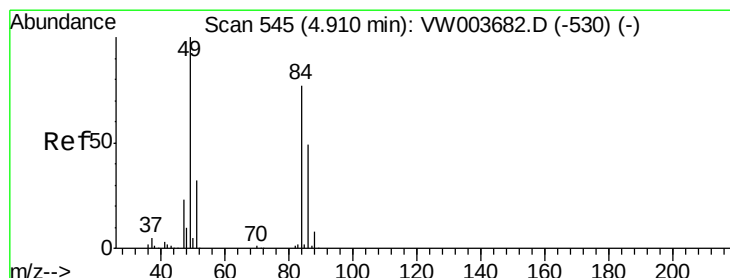
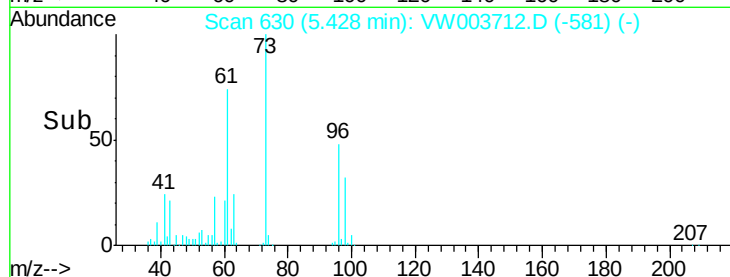
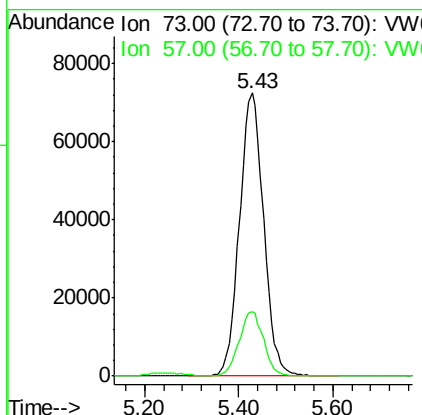
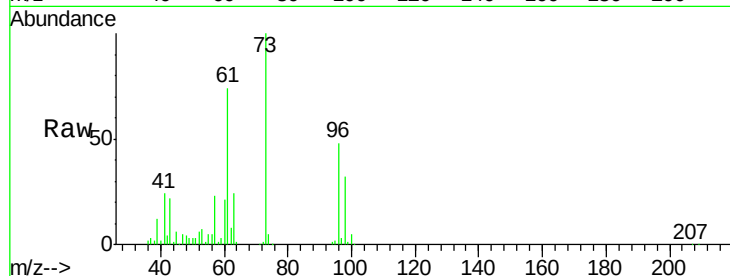
#19
Methyl tert-butyl Ether
Concen: 49.945 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW003712.D
Acq: 05 Jul 2018 10:59

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion: 73 Resp: 257956
Ion Ratio Lower Upper
73 100
57 23.0 18.1 27.1

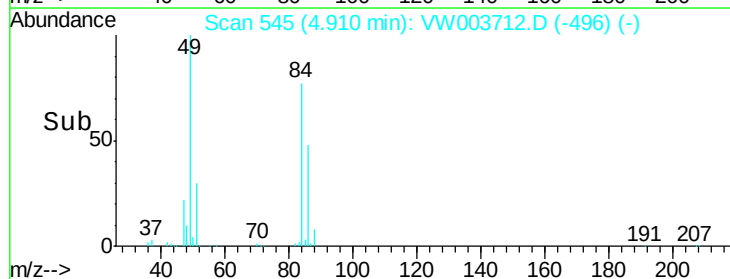
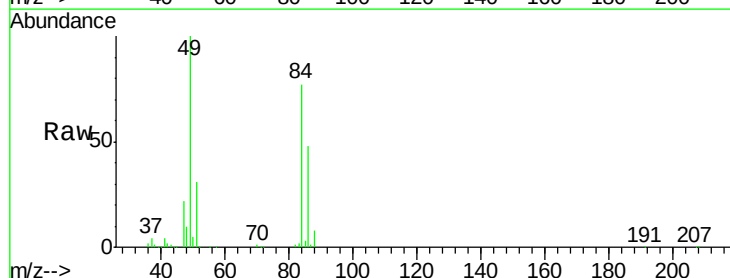
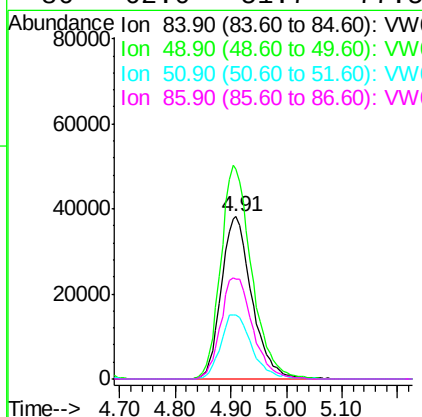
Manual Integrations
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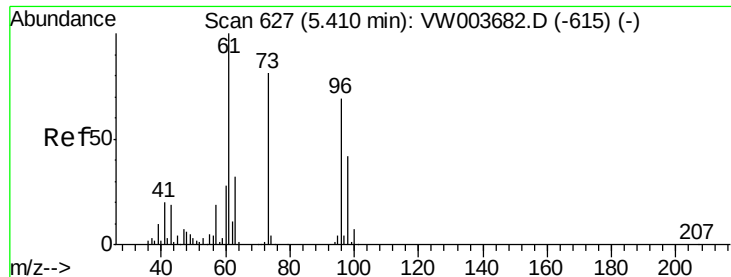
apatel
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#20
Methylene Chloride
Concen: 48.038 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003712.D
Acq: 05 Jul 2018 10:59

Tgt Ion: 84 Resp: 145058
Ion Ratio Lower Upper
84 100
49 129.6 104.6 156.8
51 39.6 33.2 49.8
86 62.0 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 52.743 ug/l

RT: 5.41 min Scan# 627

Delta R.T. 0.00 min

Lab File: VW003712.D

Acq: 05 Jul 2018 10:59

Instrument :

MSVOA_W

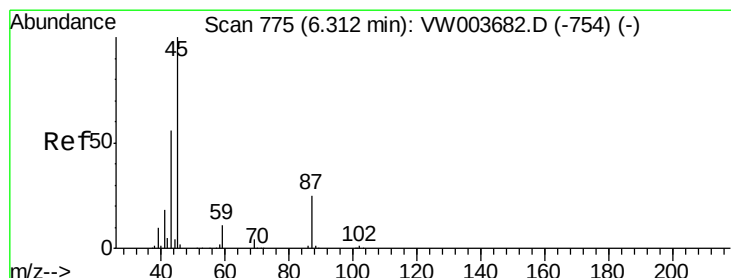
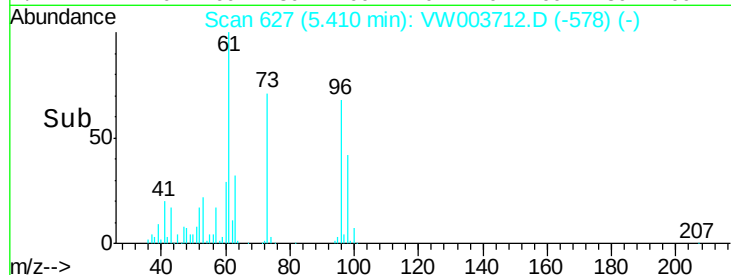
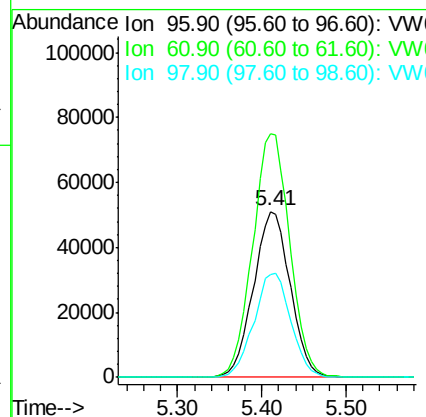
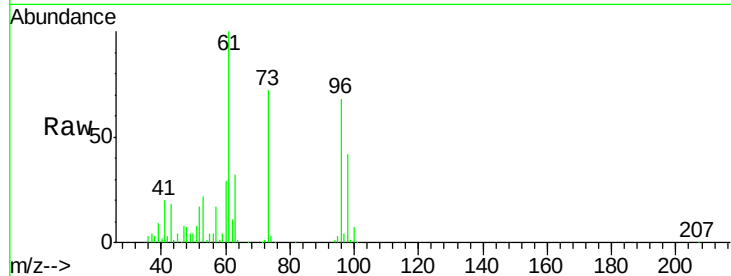
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	152737
Ion	Ratio	Lower	Upper
96	100		
61	146.6	116.8	175.2
98	62.0	49.6	74.4

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#22

Diisopropyl ether

Concen: 51.630 ug/l

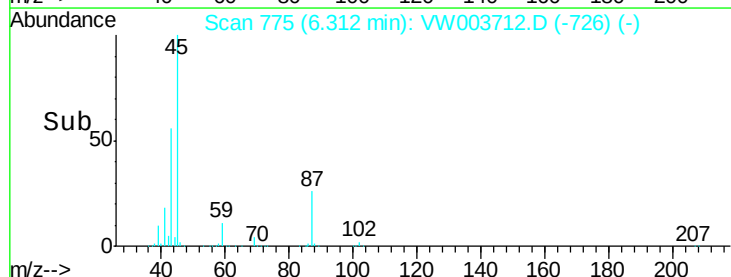
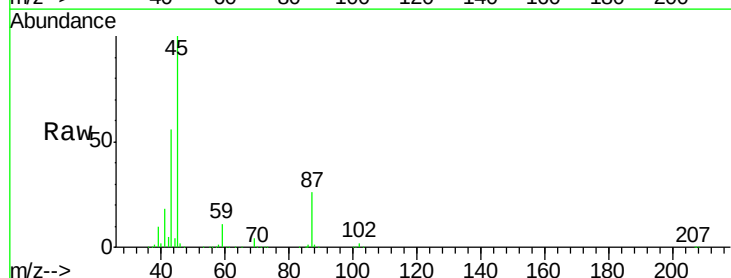
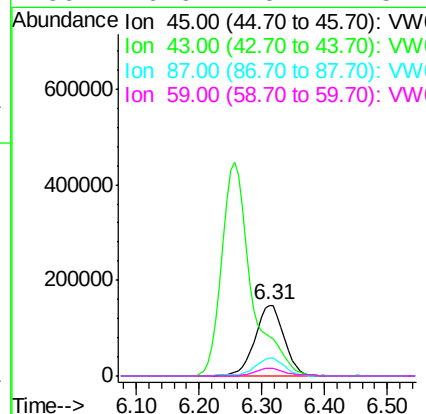
RT: 6.31 min Scan# 775

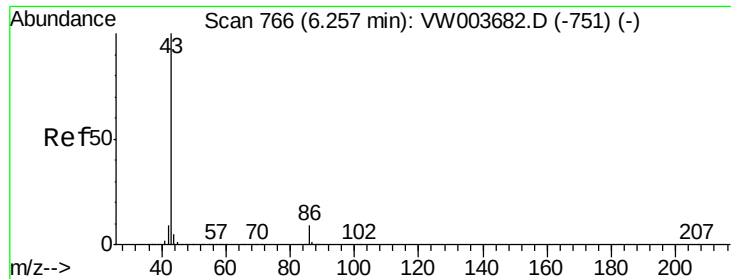
Delta R.T. 0.00 min

Lab File: VW003712.D

Acq: 05 Jul 2018 10:59

Tgt Ion:	45	Resp:	478695
Ion	Ratio	Lower	Upper
45	100		
43	55.9	44.5	66.7
87	25.6	20.2	30.4
59	10.9	8.7	13.1





#23

Vinyl Acetate

Concen: 233.864 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW003712.D

Acq: 05 Jul 2018 10:59

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 1464199

Ion Ratio Lower Upper

43 100

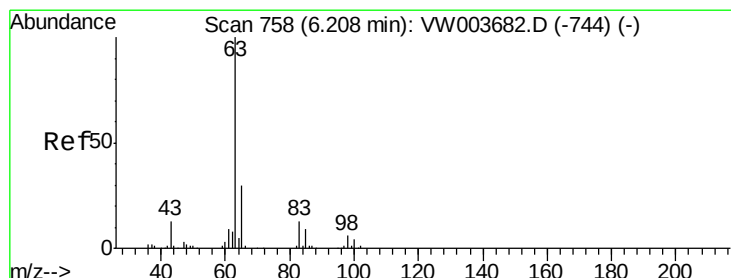
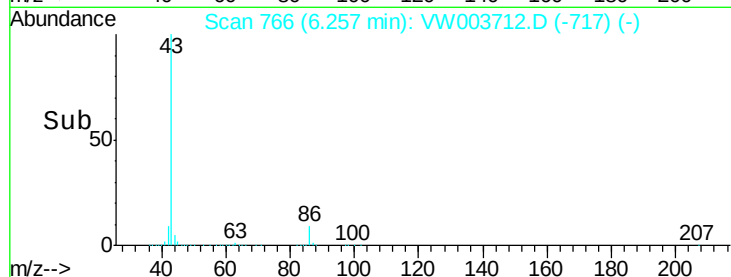
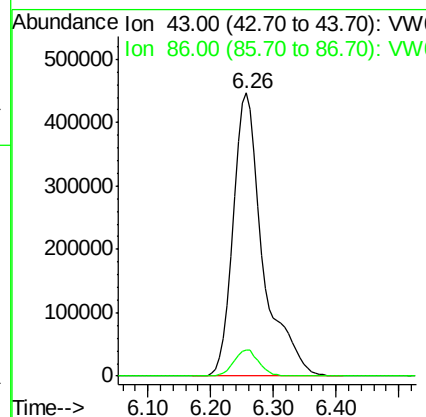
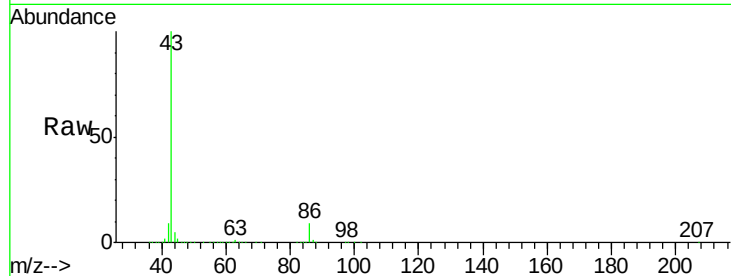
86 9.3 7.5 11.3

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#24

1,1-Dichloroethane

Concen: 51.486 ug/l

RT: 6.21 min Scan# 758

Delta R.T. 0.00 min

Lab File: VW003712.D

Acq: 05 Jul 2018 10:59

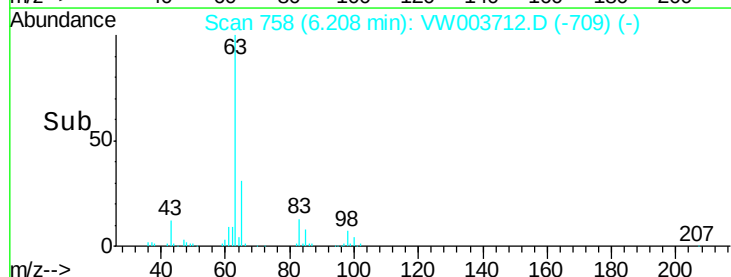
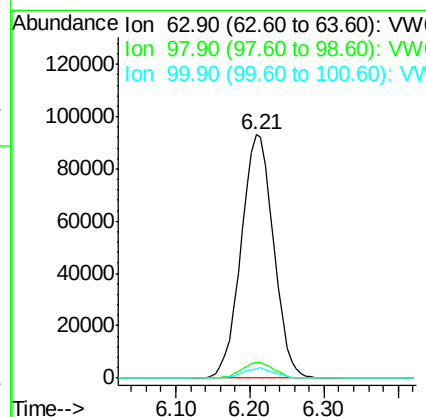
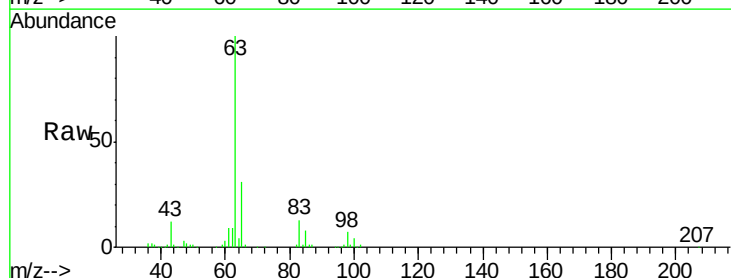
Tgt Ion: 63 Resp: 284675

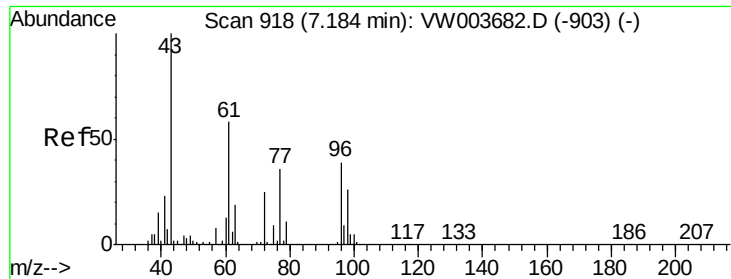
Ion Ratio Lower Upper

63 100

98 6.7 2.9 8.6

100 4.0 1.9 5.7





#25

2-Butanone

Concen: 232.051 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.00 min

Lab File: VW003712.D

Acq: 05 Jul 2018 10:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 233570

Ion Ratio Lower Upper

43 100

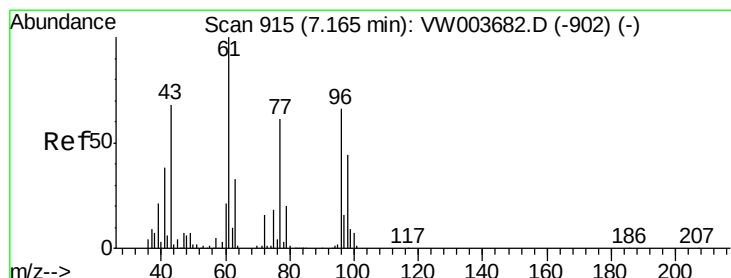
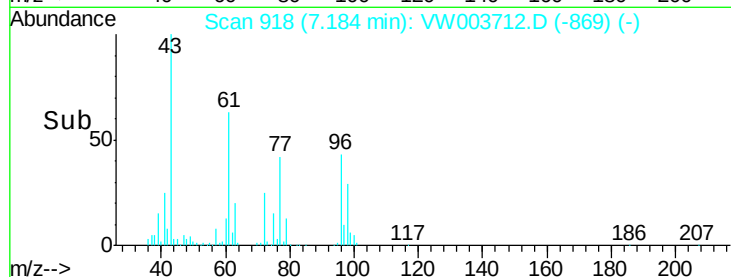
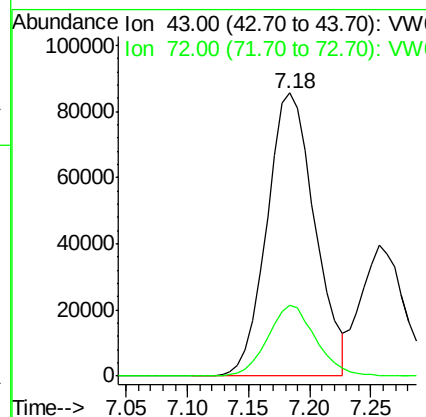
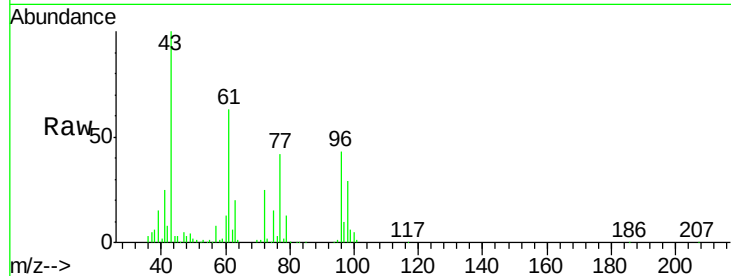
72 25.2 20.2 30.4

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#26

2,2-Dichloropropane

Concen: 51.646 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW003712.D

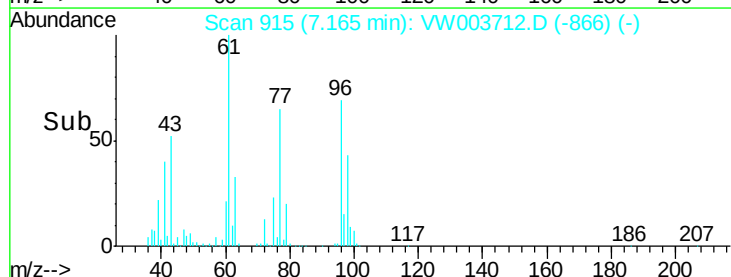
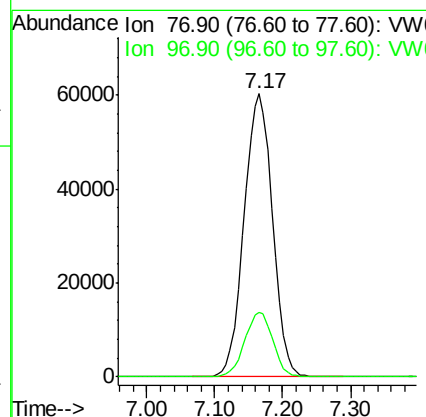
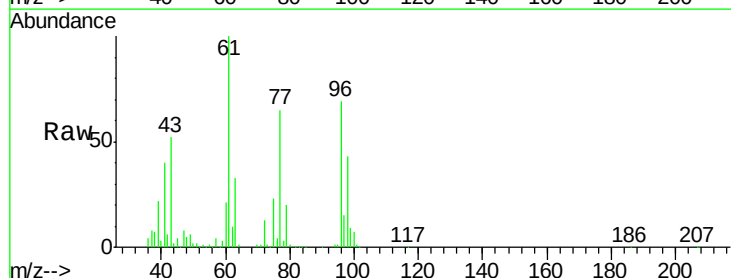
Acq: 05 Jul 2018 10:59

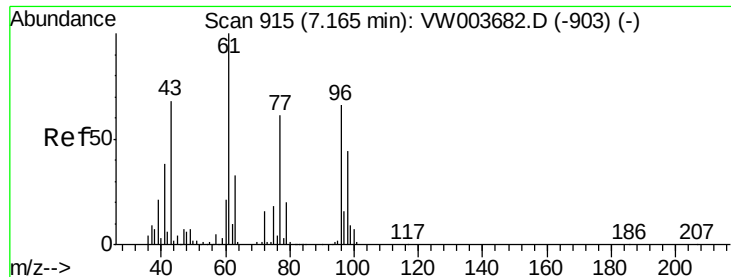
Tgt Ion: 77 Resp: 175090

Ion Ratio Lower Upper

77 100

97 22.5 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 52.351 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW003712.D

Acq: 05 Jul 2018 10:59

Instrument :

MSVOA_W

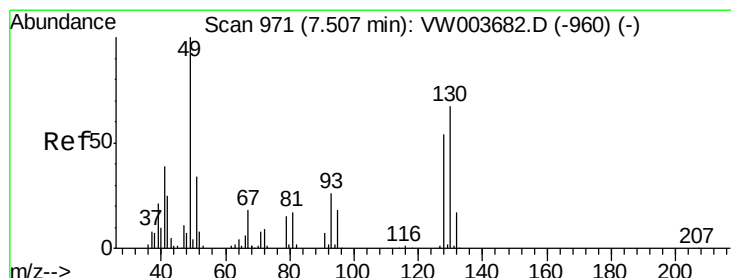
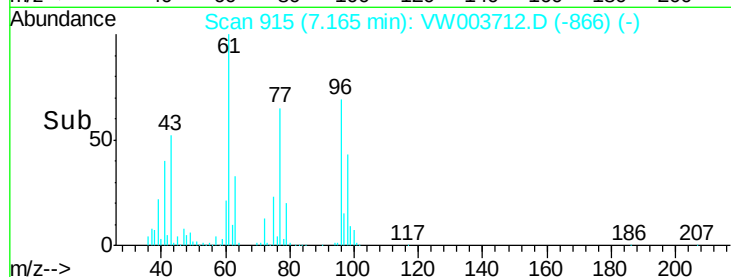
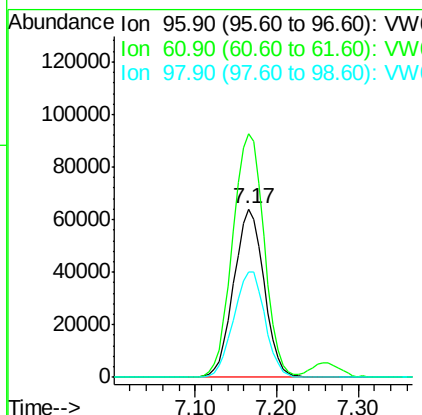
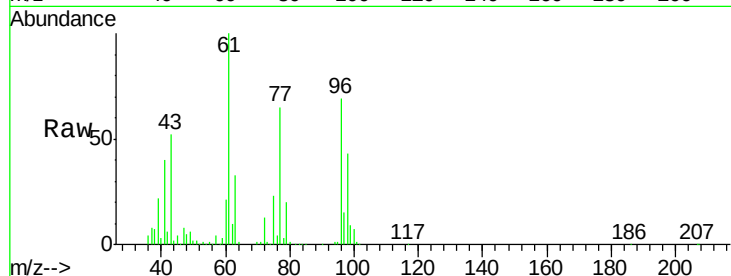
ClientSampled :

VSTDCCC050

Tot Ion:	96	Resp:	165093
Ion	Ratio	Lower	Upper
96	100		
61	149.9	0.0	305.0
98	64.5	0.0	129.6

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#28

Bromochloromethane

Concen: 46.440 ug/l

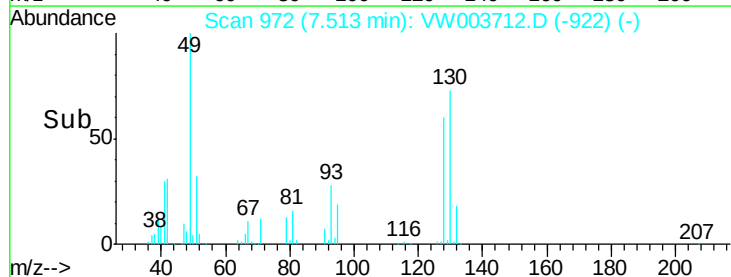
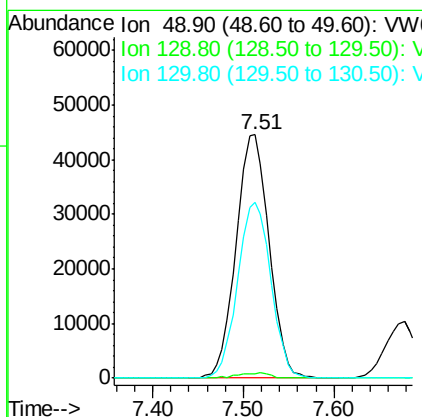
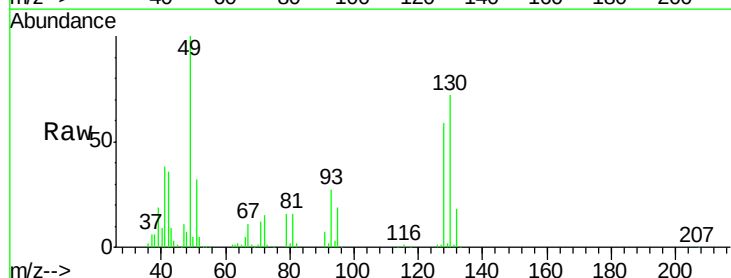
RT: 7.51 min Scan# 972

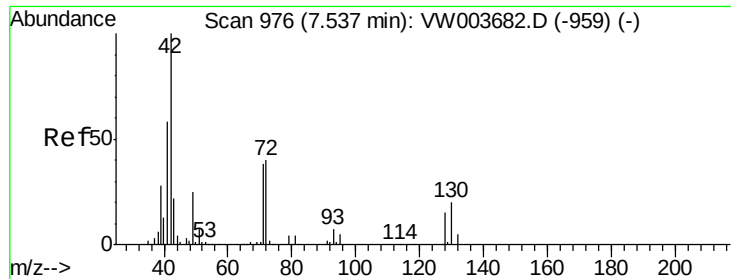
Delta R.T. 0.01 min

Lab File: VW003712.D

Acq: 05 Jul 2018 10:59

Tgt Ion:	49	Resp:	112871
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.0
130	72.5	57.0	85.6





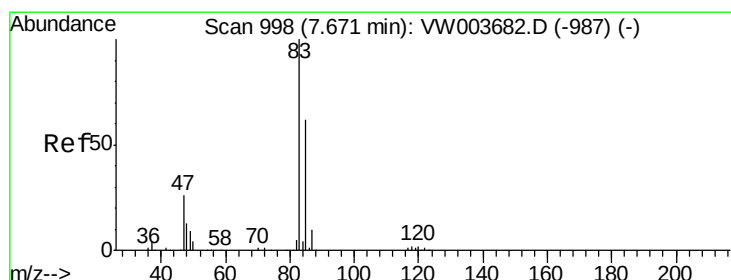
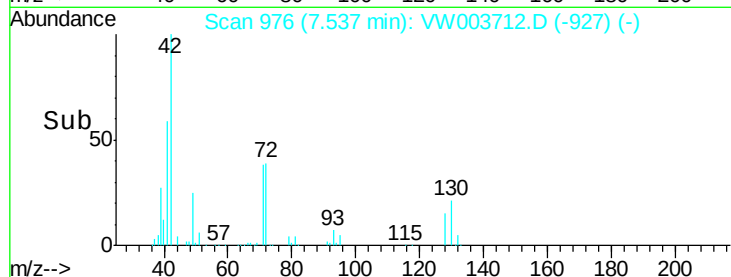
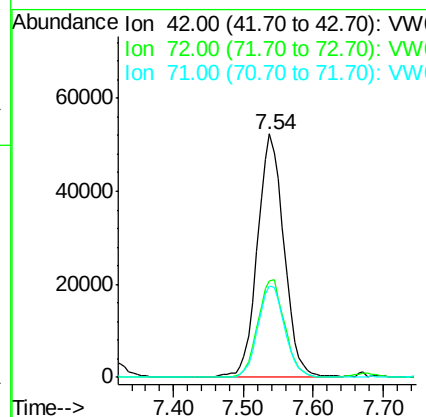
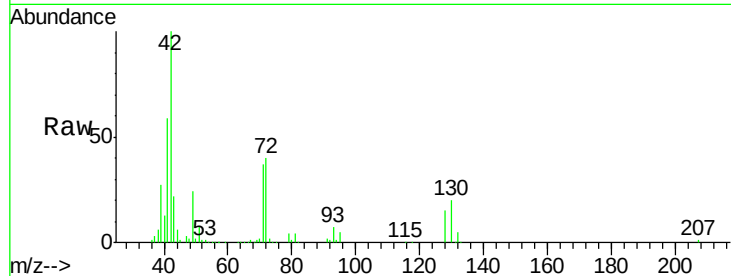
#29
Tetrahydrofuran
Concen: 228.924 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.00 min
Lab File: VW003712.D
Acq: 05 Jul 2018 10:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.5	32.0	48.0
71	37.9	30.2	45.2

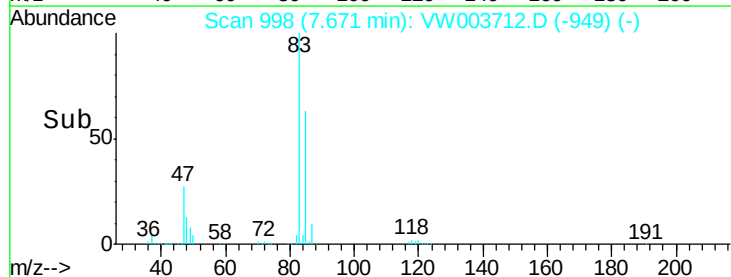
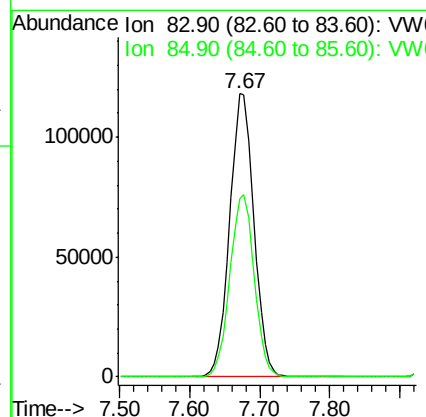
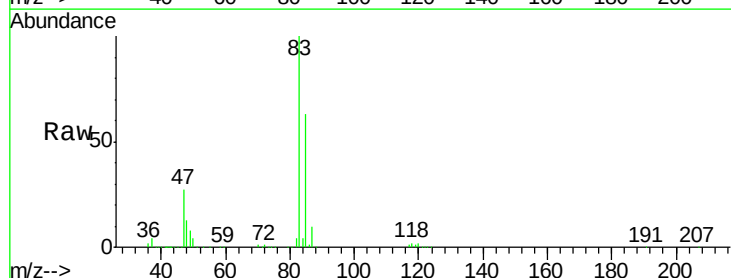
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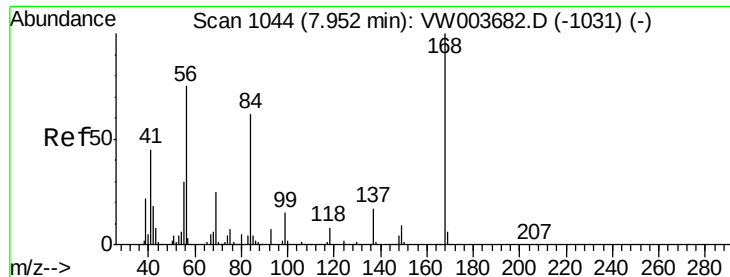
apatel
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#30
Chloroform
Concen: 51.024 ug/l
RT: 7.67 min Scan# 998
Delta R.T. 0.00 min
Lab File: VW003712.D
Acq: 05 Jul 2018 10:59

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.9	49.7	74.5





#31

Cyclohexane

Concen: 51.475 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003712.D

Acq: 05 Jul 2018 10:59

Instrument :

MSVOA_W

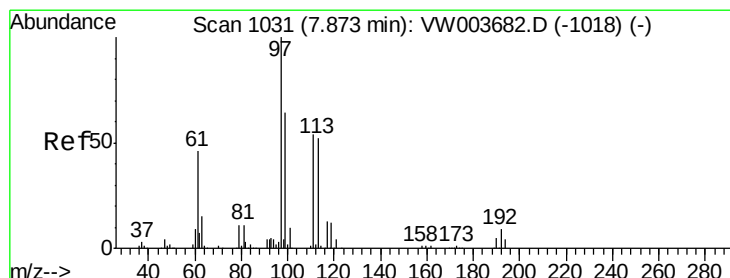
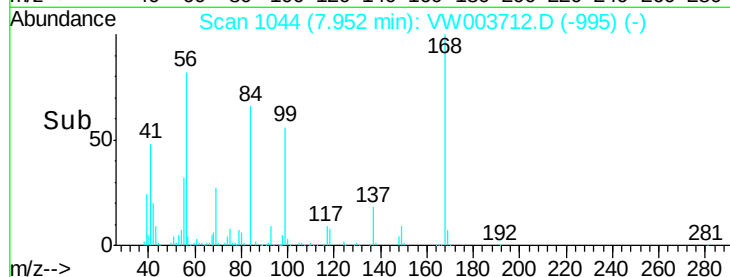
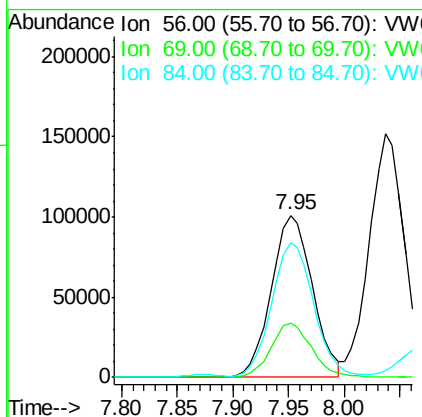
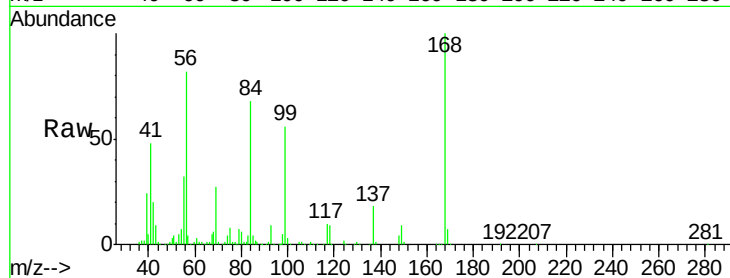
ClientSampled :

VSTDCCC050

Tot Ion	56	Resp	259141
Ion Ratio	Lower	Upper	
56	100		
69	33.6	27.0	40.4
84	81.8	65.4	98.0

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 53.222 ug/l

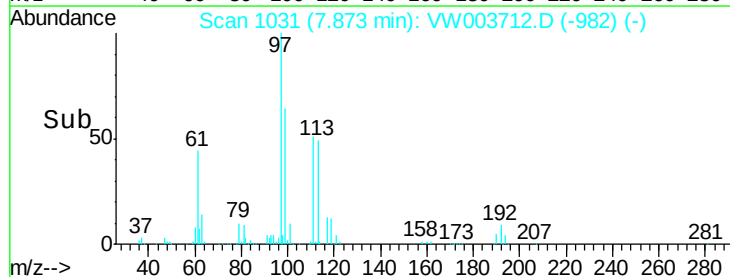
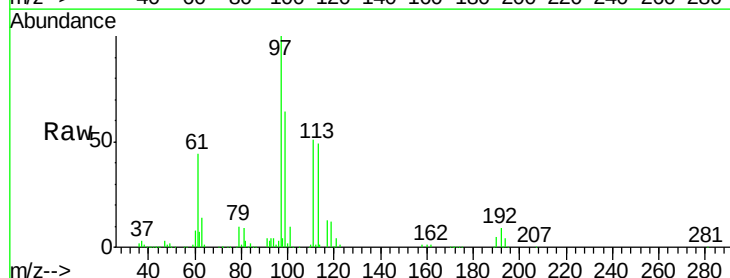
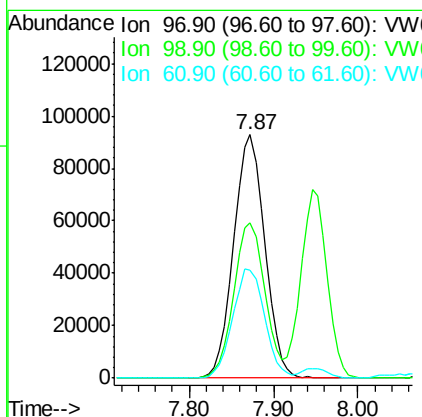
RT: 7.87 min Scan# 1031

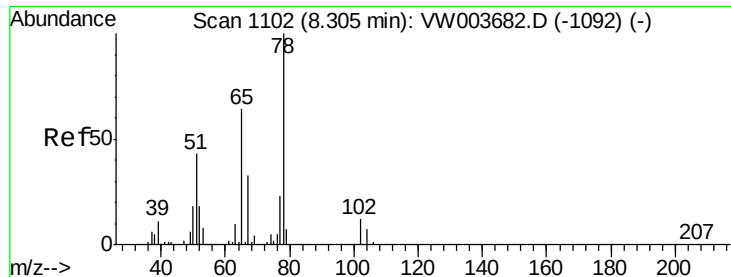
Delta R.T. 0.00 min

Lab File: VW003712.D

Acq: 05 Jul 2018 10:59

Tgt Ion	97	Resp	231639
Ion Ratio	Lower	Upper	
97	100		
99	63.8	50.6	76.0
61	46.1	37.2	55.8





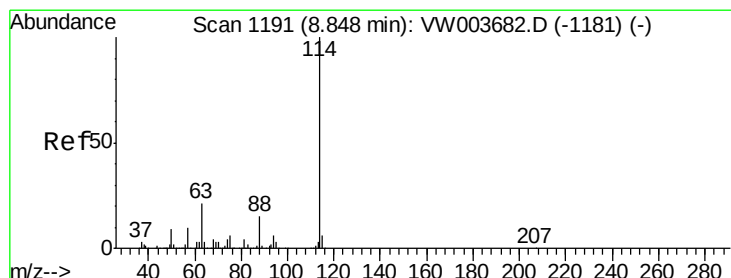
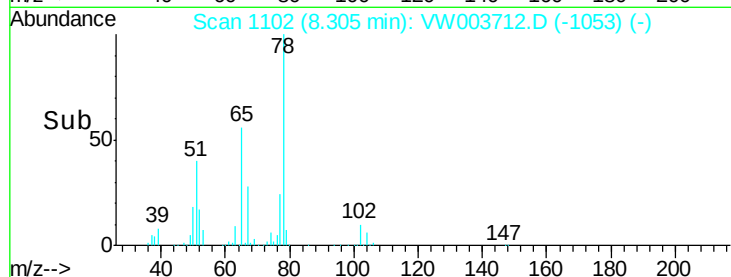
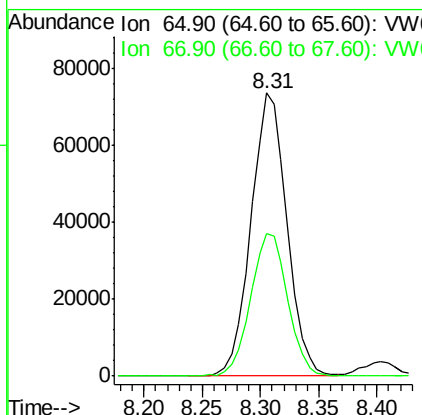
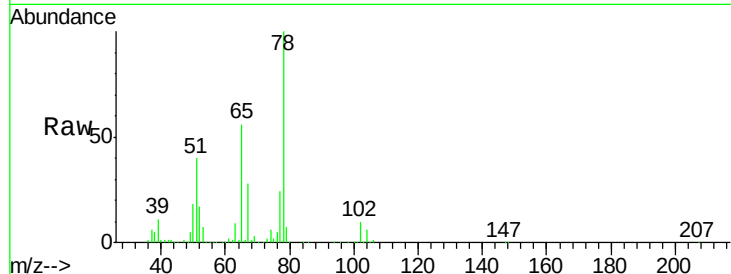
#33
 1,2-Dichloroethane-d4
 Concen: 48.012 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: VW003712.D
 Acq: 05 Jul 2018 10:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	158108		
67	52.0	0.0	104.0	

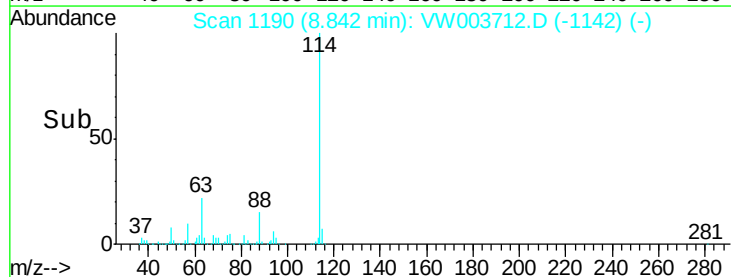
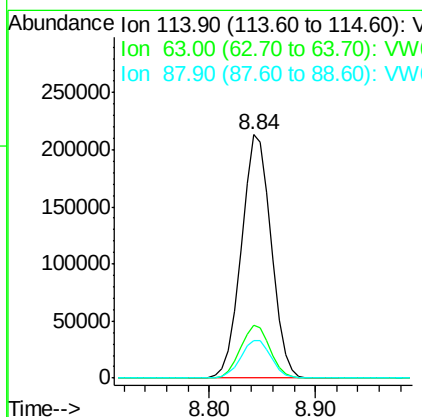
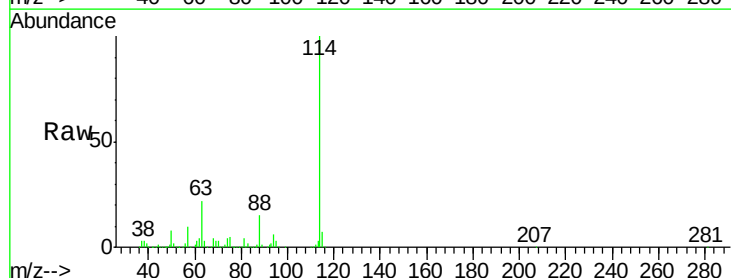
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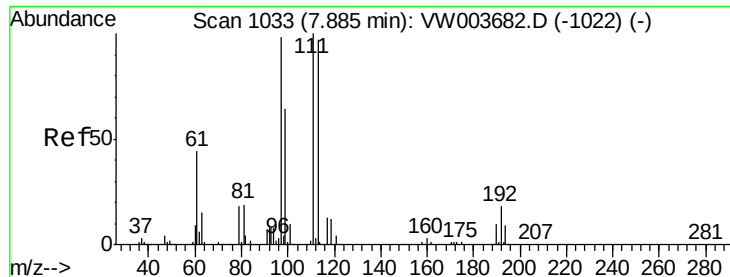
apatel
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: VW003712.D
 Acq: 05 Jul 2018 10:59

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	418737		
63	21.6	0.0	41.6	
88	15.4	0.0	29.8	





#35

Dibromofluoromethane

Concen: 52.810 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VW003712.D

Acq: 05 Jul 2018 10:59

Instrument :

MSVOA_W

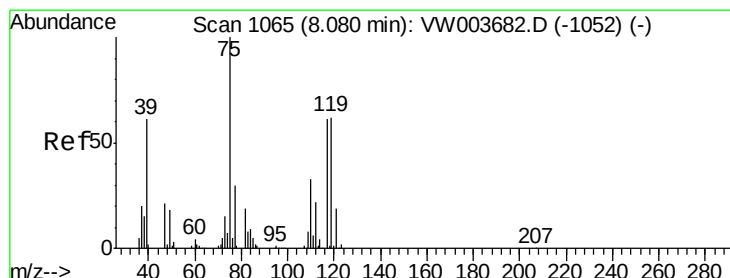
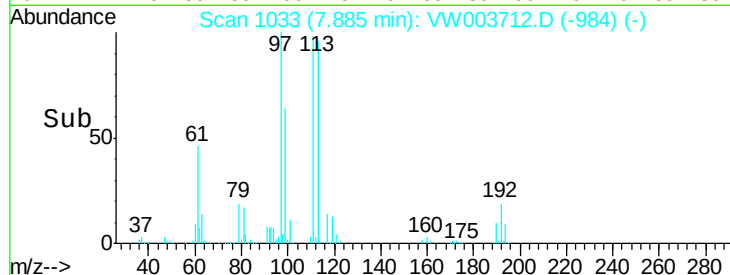
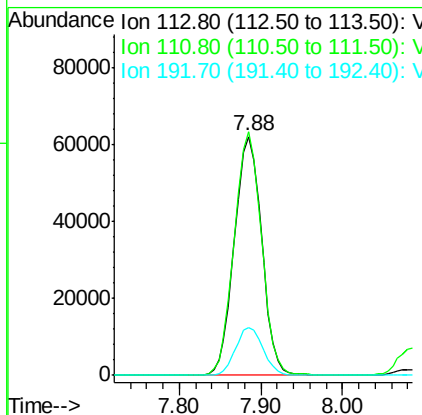
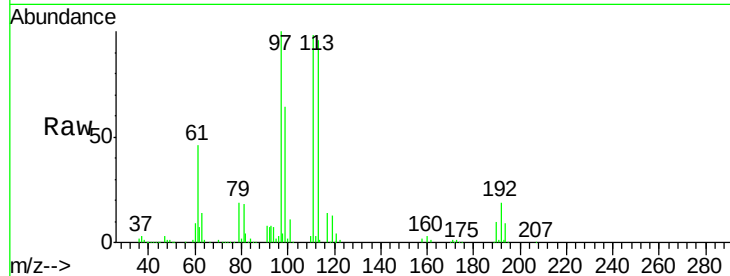
ClientSampled :

VSTDCCC050

Tot Ion:	113	Resp:	144226
Ion Ratio	Lower	Upper	
113	100		
111	101.5	82.4	123.6
192	20.1	15.8	23.6

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 55.518 ug/l

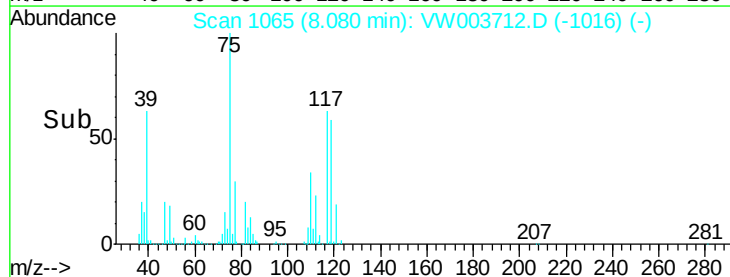
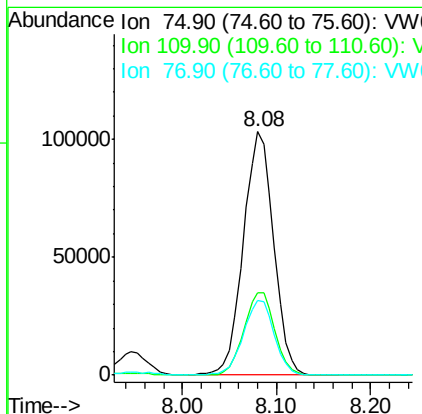
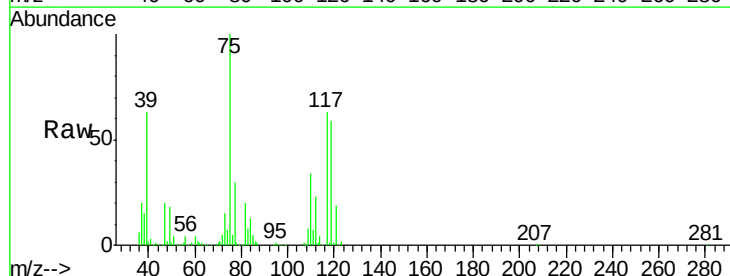
RT: 8.08 min Scan# 1065

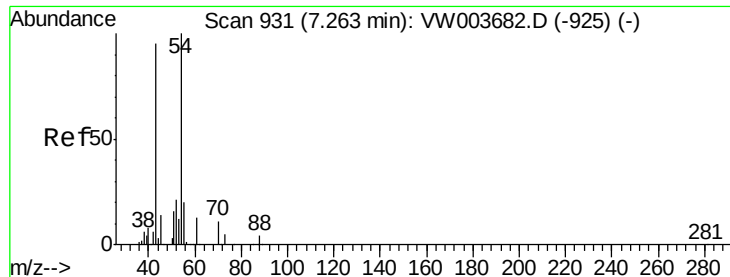
Delta R.T. 0.00 min

Lab File: VW003712.D

Acq: 05 Jul 2018 10:59

Tgt Ion:	75	Resp:	233365
Ion Ratio	Lower	Upper	
75	100		
110	34.6	16.9	50.6
77	31.0	24.9	37.3





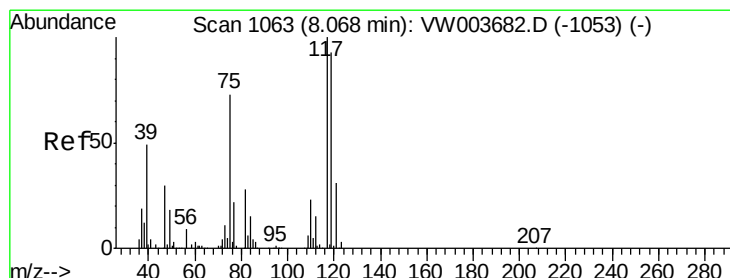
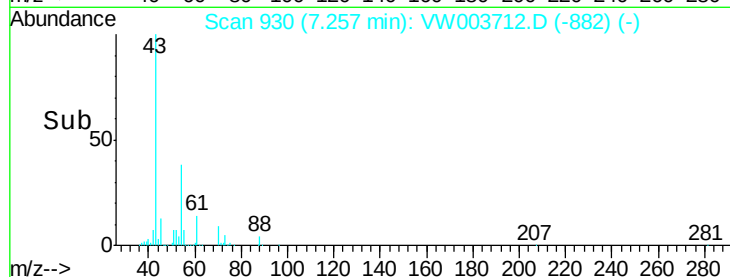
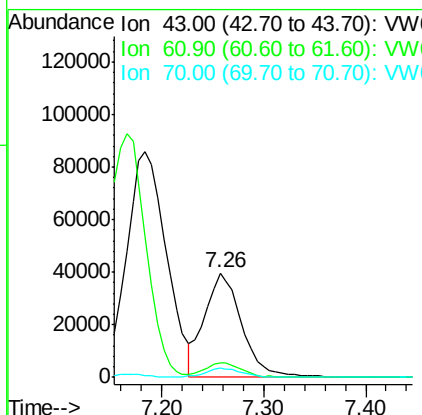
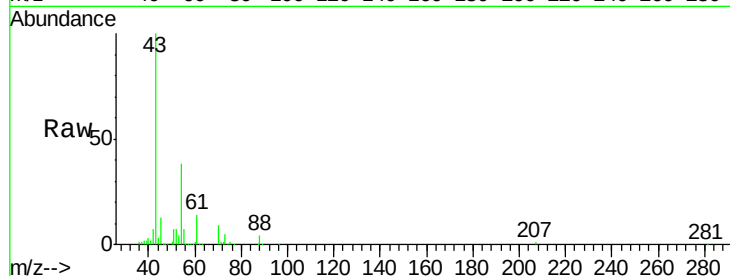
#37
Ethyl Acetate
Concen: 48.825 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.01 min
Lab File: VW003712.D
Acq: 05 Jul 2018 10:59

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	10.5	15.7
70	9.0	7.7	11.5

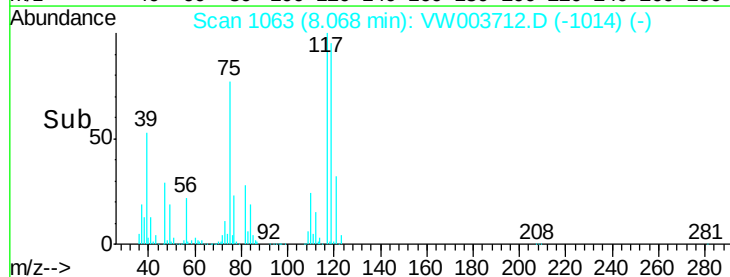
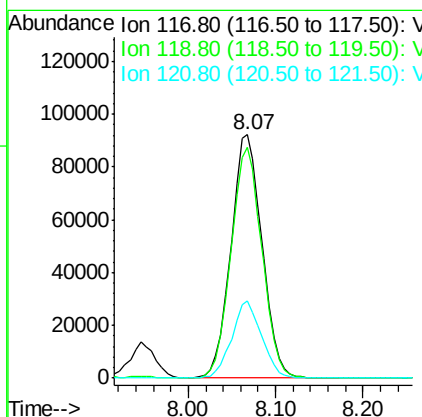
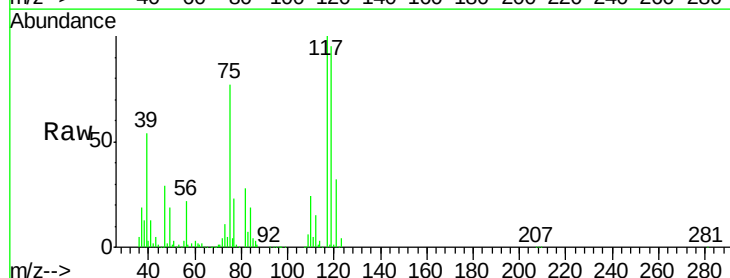
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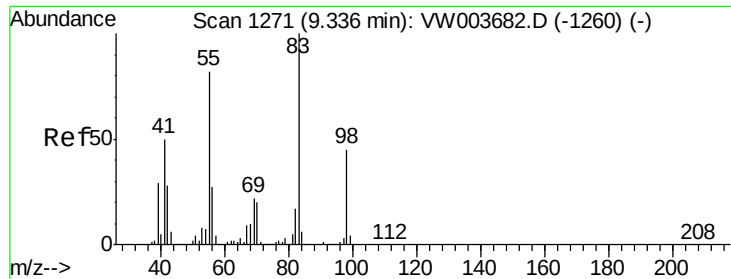
apatel
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#38
Carbon Tetrachloride
Concen: 56.747 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW003712.D
Acq: 05 Jul 2018 10:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	74.1	111.1
121	31.9	25.0	37.4





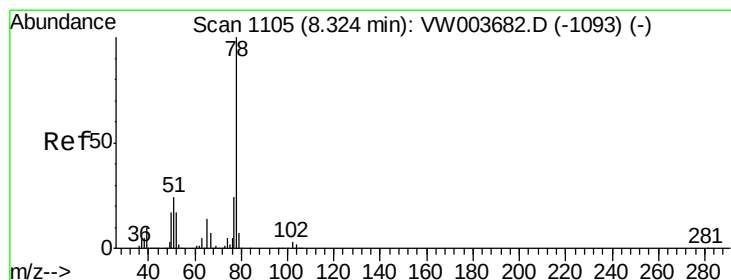
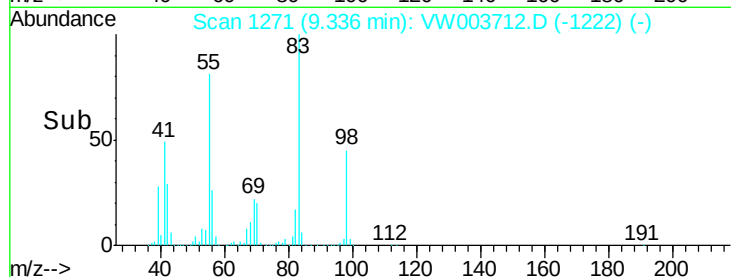
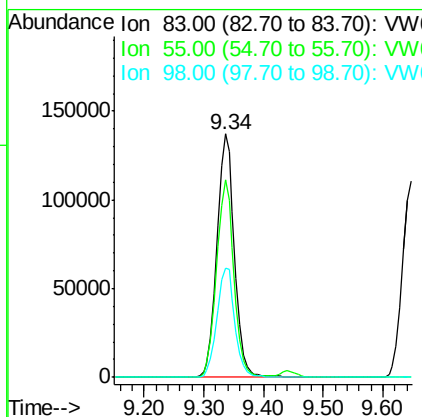
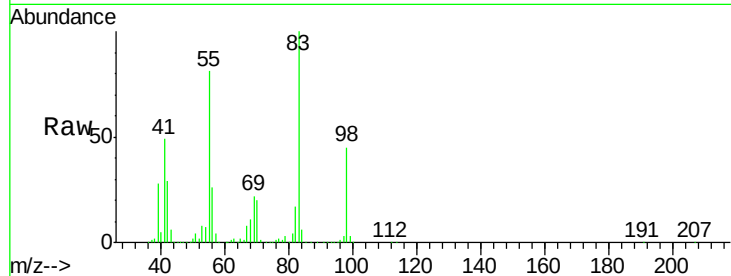
#39
Methylvlcyclohexane
Concen: 57.717 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW003712.D
Acq: 05 Jul 2018 10:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	279383		
55	81.3		65.3	97.9
98	45.1		36.3	54.5

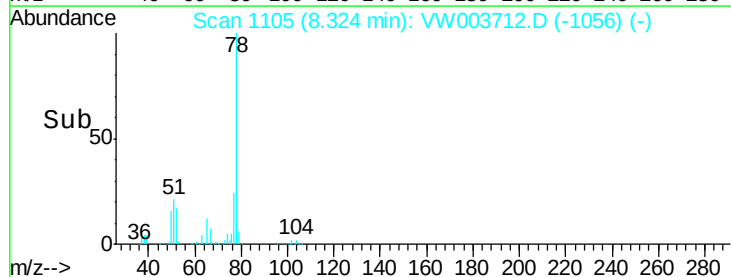
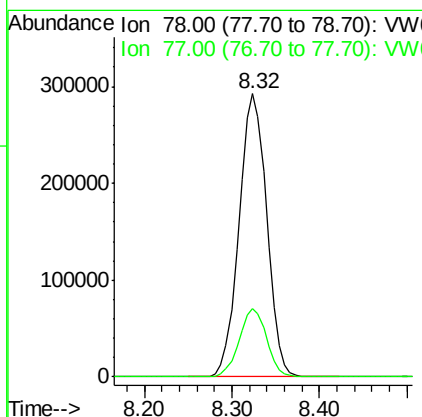
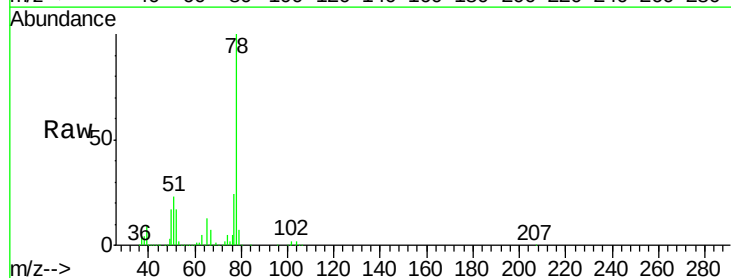
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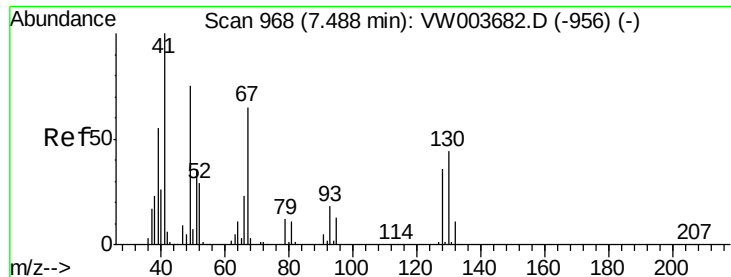
apatel
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#40
Benzene
Concen: 54.326 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW003712.D
Acq: 05 Jul 2018 10:59

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	641825		
77	24.3		19.4	29.0





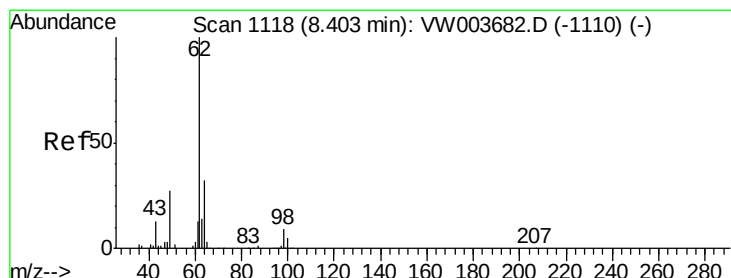
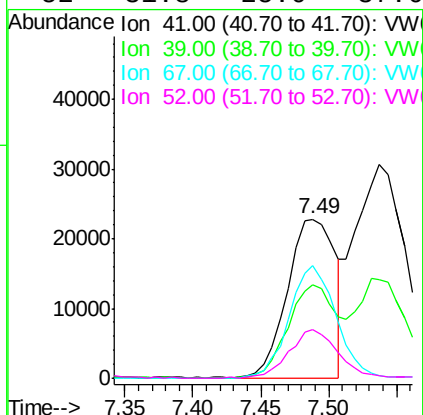
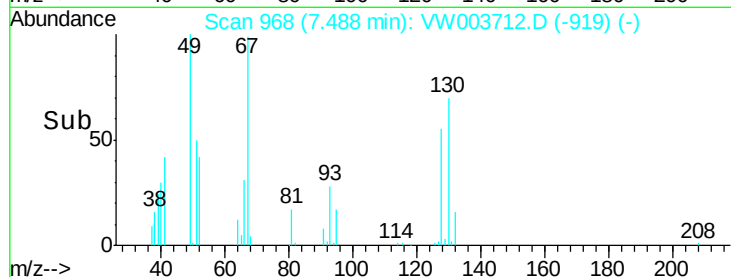
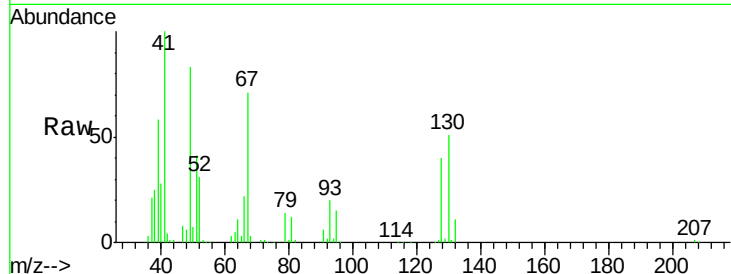
#41
Methacrylonitrile
Concen: 48.012 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.00 min
Lab File: VW003712.D
Acq: 05 Jul 2018 10:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	61.3	47.8	71.8	
67	70.0	53.9	80.9	
52	31.8	25.0	37.6	

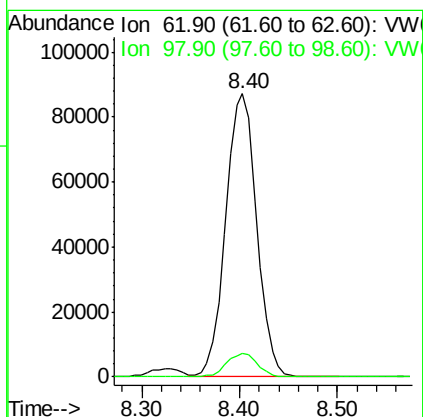
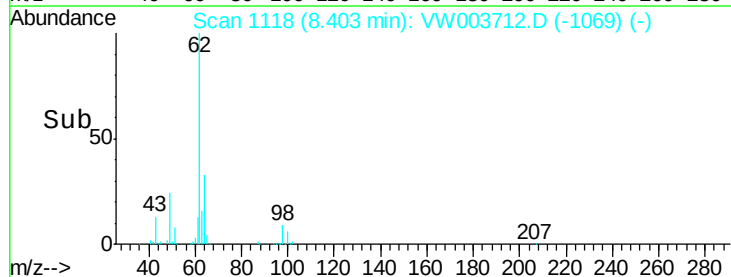
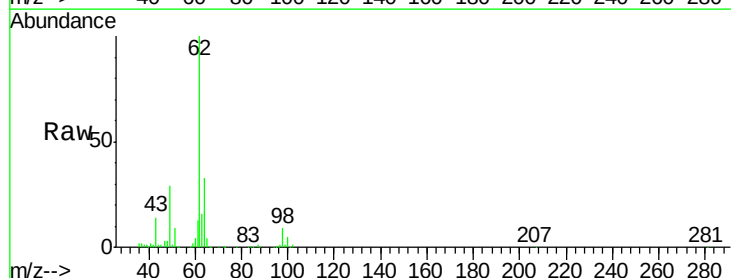
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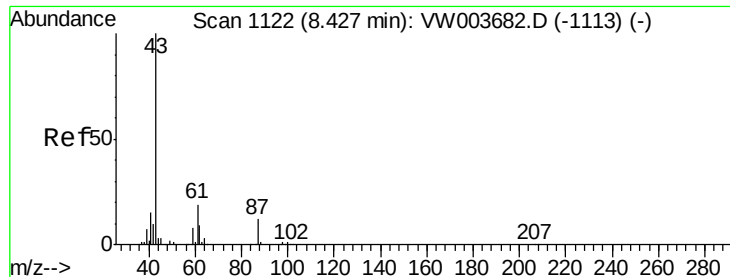
apatel
7/6/2018 10:01:00 AM



#42
1,2-Dichloroethane
Concen: 51.363 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003712.D
Acq: 05 Jul 2018 10:59

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.4	0.0	17.2	





#43

Isopropyl Acetate

Concen: 48.888 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. 0.00 min

Lab File: VW003712.D

Acq: 05 Jul 2018 10:59

Instrument :

MSVOA_W

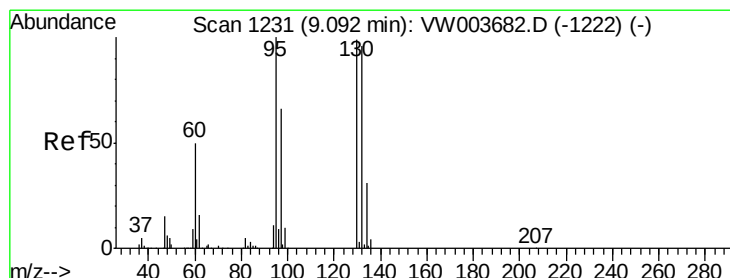
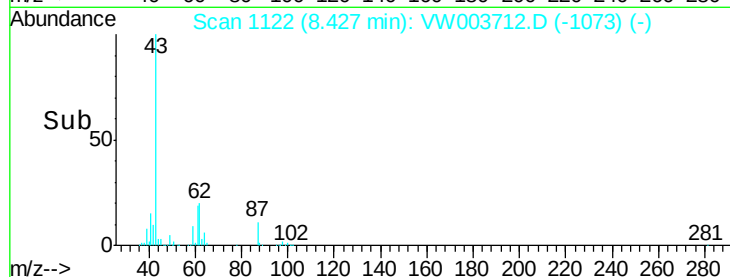
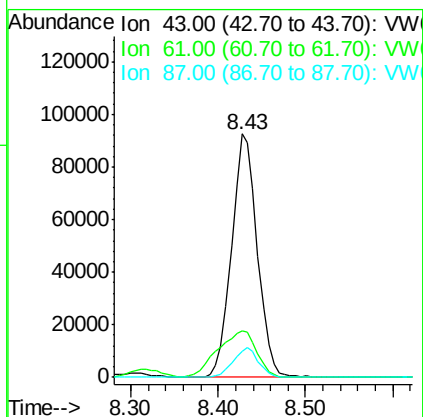
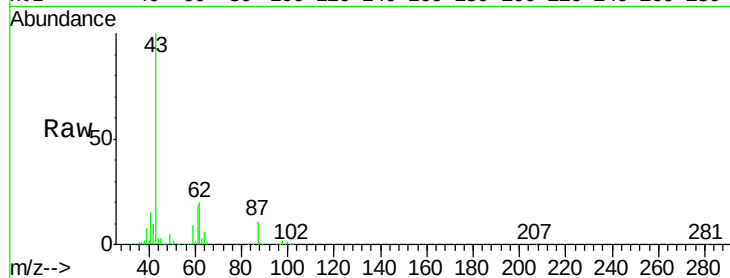
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	188390
Ion	Ratio	Lower	Upper
43	100		
61	29.0	23.0	34.6
87	12.0	9.8	14.6

Manual Integrations
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#44

Trichloroethene

Concen: 54.172 ug/l

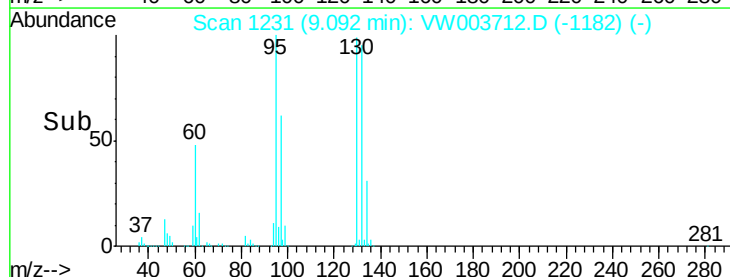
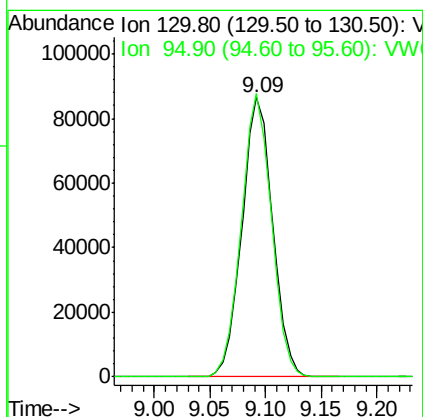
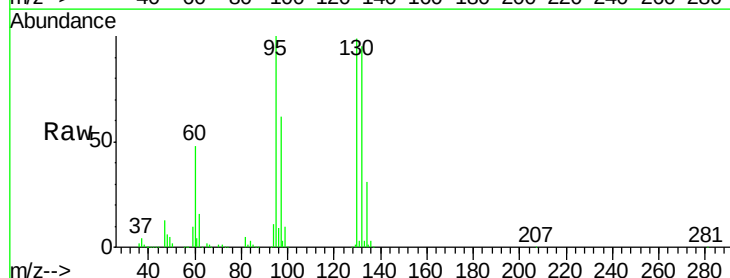
RT: 9.09 min Scan# 1231

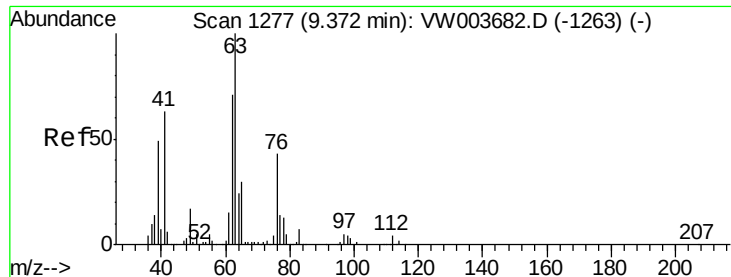
Delta R.T. 0.00 min

Lab File: VW003712.D

Acq: 05 Jul 2018 10:59

Tgt Ion:	130	Resp:	165449
Ion	Ratio	Lower	Upper
130	100		
95	101.4	0.0	202.6





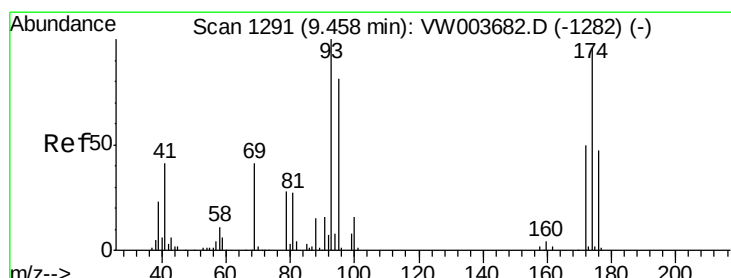
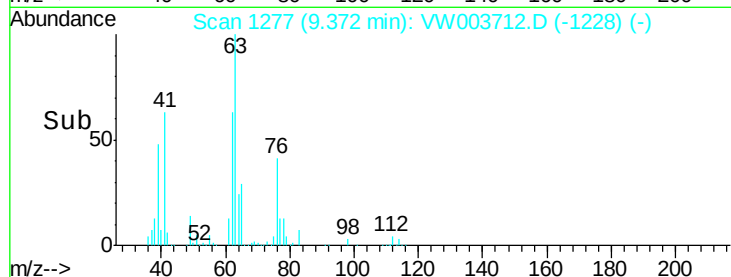
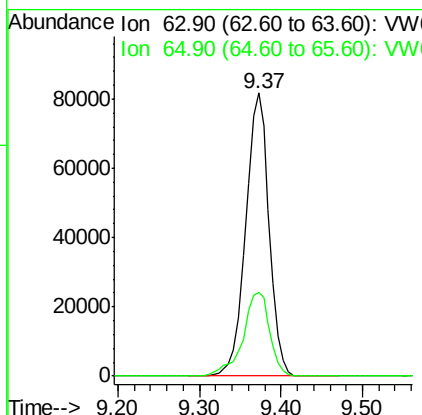
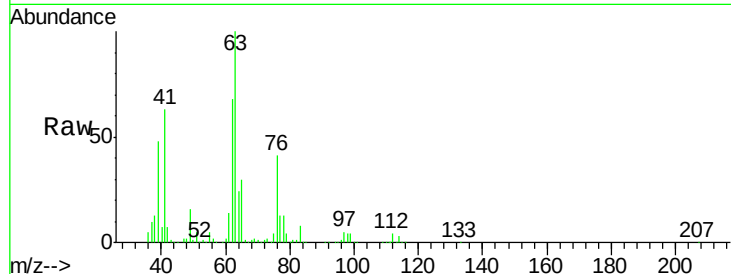
#45
 1,2-Dichloropropane
 Concen: 53.045 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW003712.D
 Acq: 05 Jul 2018 10:59

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.7	24.3	36.5

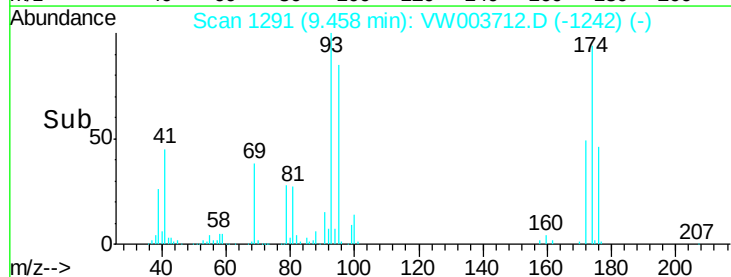
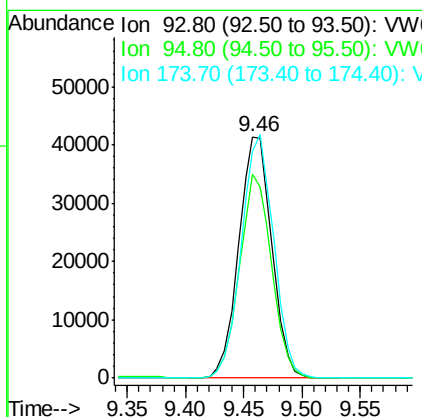
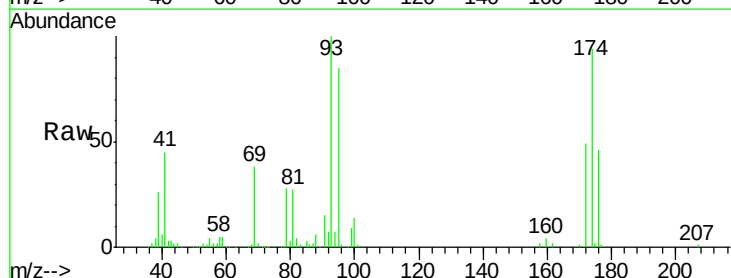
Manual Integrations
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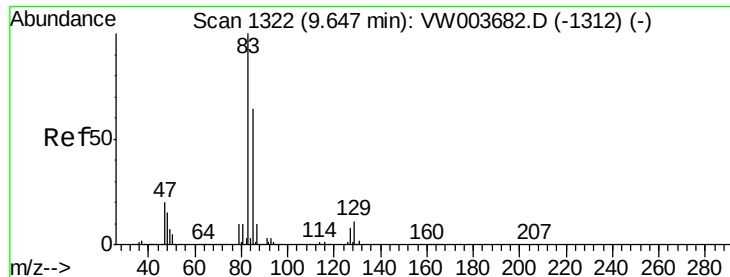
apatel
 7/6/2018 10:01:00 AM



#46
 Dibromomethane
 Concen: 51.527 ug/l
 RT: 9.46 min Scan# 1291
 Delta R.T. 0.00 min
 Lab File: VW003712.D
 Acq: 05 Jul 2018 10:59

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.2	66.2	99.4
174	98.8	79.6	119.4





#47

Bromodichloromethane

Concen: 52.653 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW003712.D

Acq: 05 Jul 2018 10:59

Instrument :

MSVOA_W

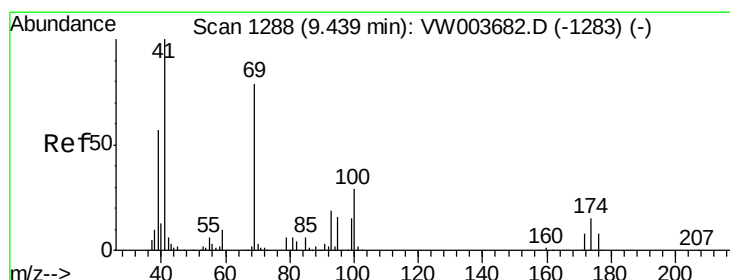
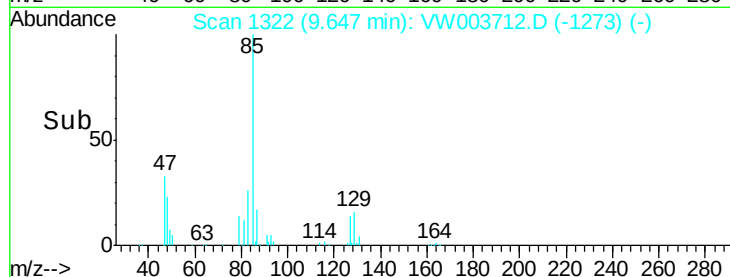
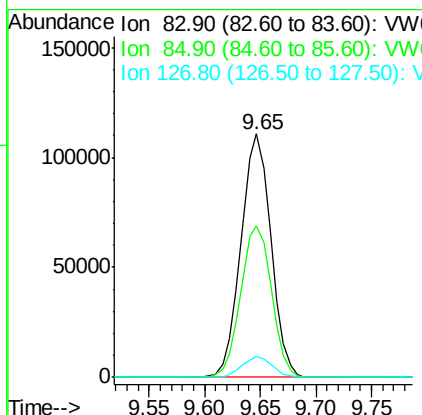
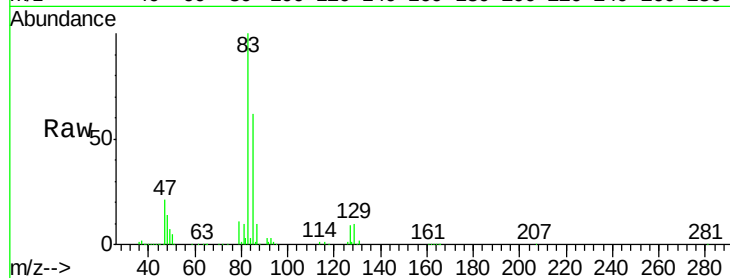
ClientSampled :

VSTDCCC050

Tot Ion:	83	Resp:	207164
Ion	Ratio	Lower	Upper
83	100		
85	62.2	51.1	76.7
127	8.6	6.5	9.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 45.688 ug/l

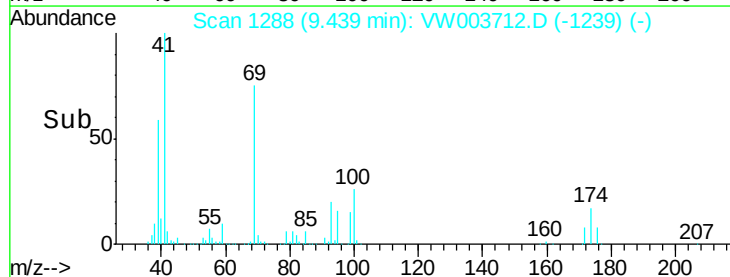
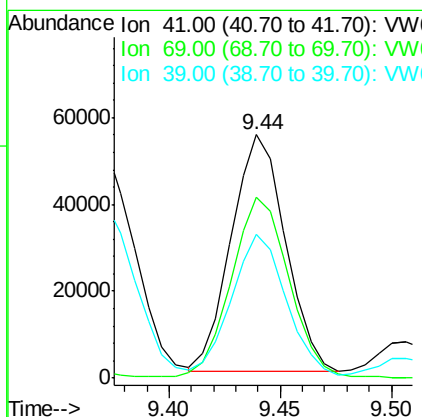
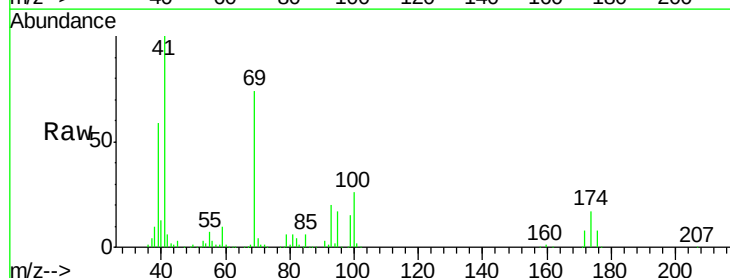
RT: 9.44 min Scan# 1288

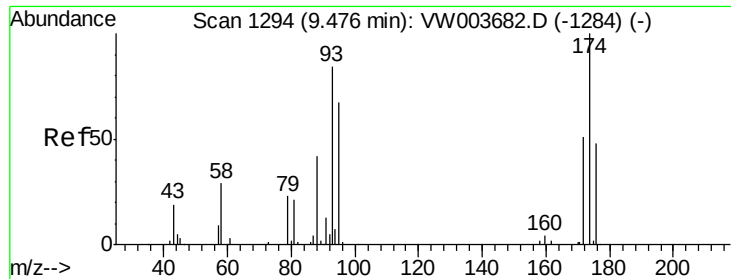
Delta R.T. 0.00 min

Lab File: VW003712.D

Acq: 05 Jul 2018 10:59

Tgt Ion:	41	Resp:	92401
Ion	Ratio	Lower	Upper
41	100		
69	82.1	65.4	98.2
39	62.0	50.0	75.0





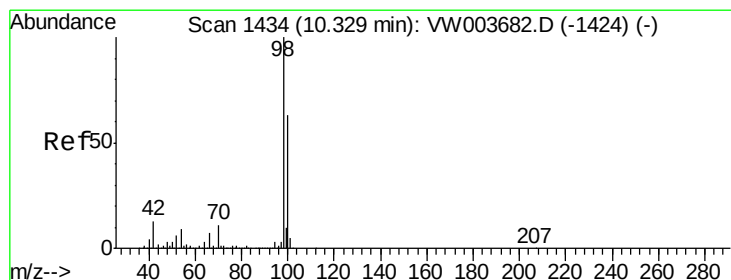
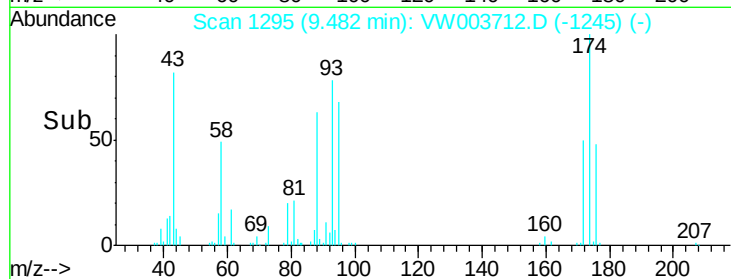
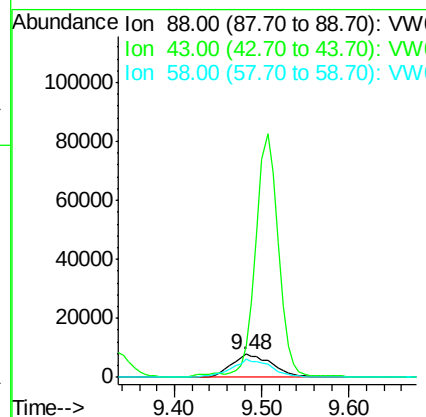
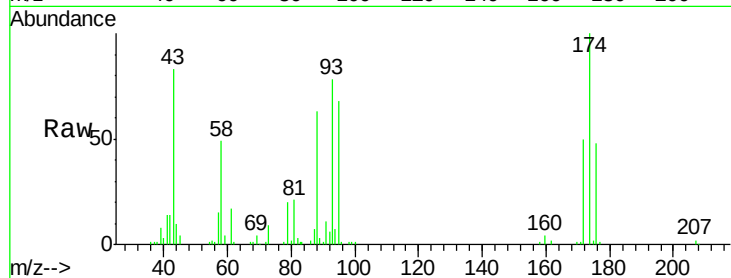
#49
1,4-Dioxane
Concen: 1002.192 ug/l
RT: 9.48 min Scan# 1295
Delta R.T. 0.01 min
Lab File: VW003712.D
Acq: 05 Jul 2018 10:59

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	88	Resp	25023
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	76.7	61.8	92.6

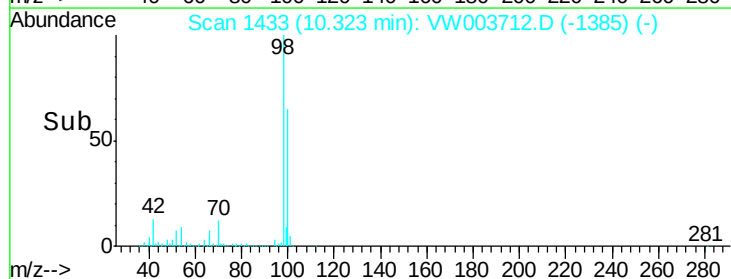
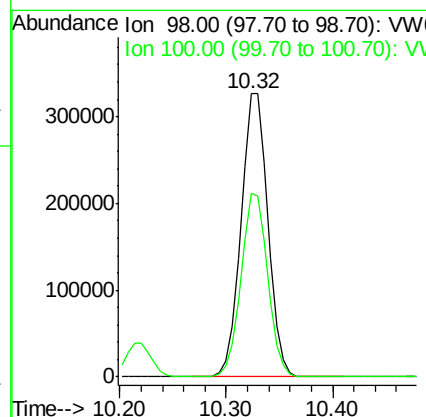
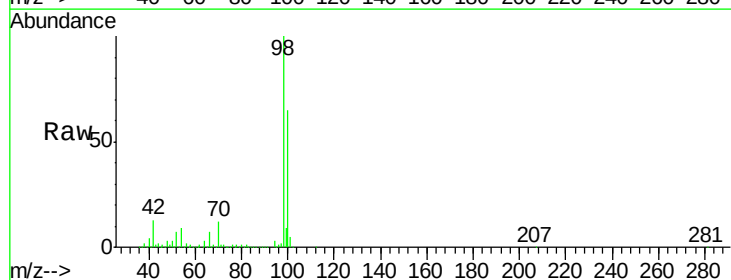
Manual Integrations
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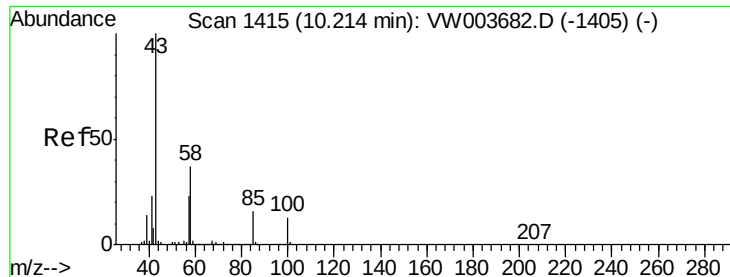
apatel
7/6/2018 10:01:00 AM



#50
Toluene-d8
Concen: 53.991 ug/l
RT: 10.32 min Scan# 1433
Delta R.T. -0.01 min
Lab File: VW003712.D
Acq: 05 Jul 2018 10:59

Tgt Ion	98	Resp	578845
Ion	Ratio	Lower	Upper
98	100		
100	64.2	50.8	76.2





#51

4-Methyl-2-Pentanone

Concen: 243.146 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. 0.00 min

Lab File: VW003712.D

Acq: 05 Jul 2018 10:59

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 493720

Ion Ratio Lower Upper

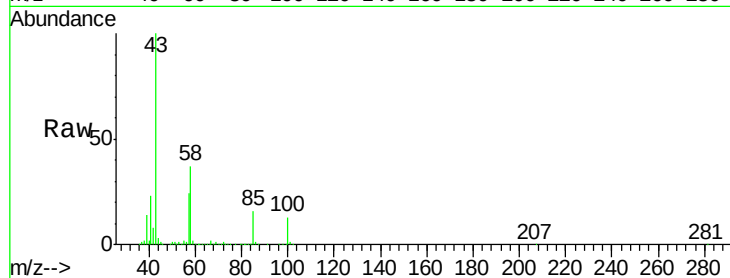
43 100

58 36.9 29.6 44.4

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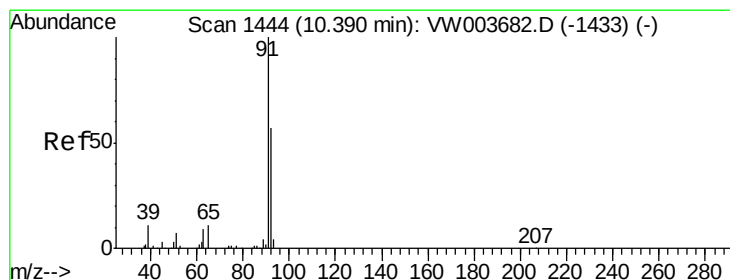
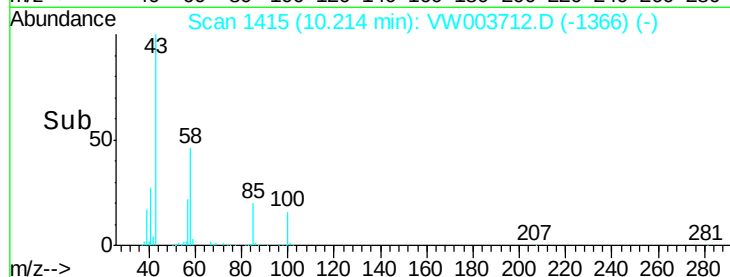
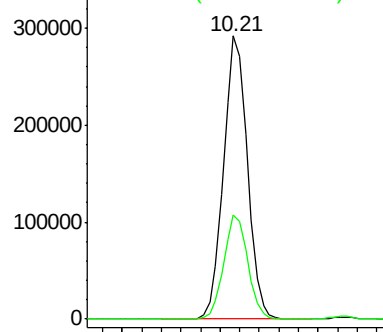
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 55.106 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW003712.D

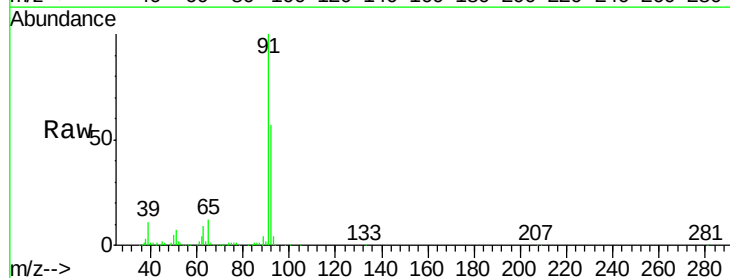
Acq: 05 Jul 2018 10:59

Tgt Ion: 92 Resp: 406280

Ion Ratio Lower Upper

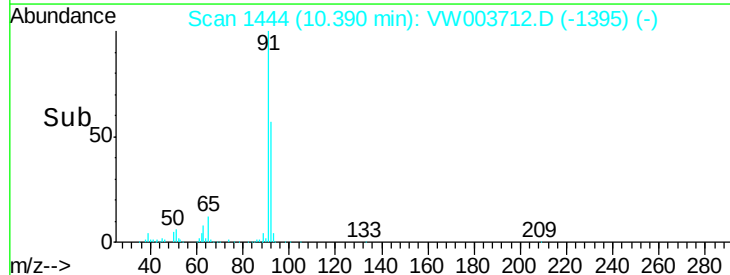
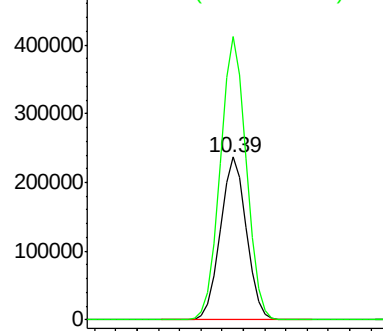
92 100

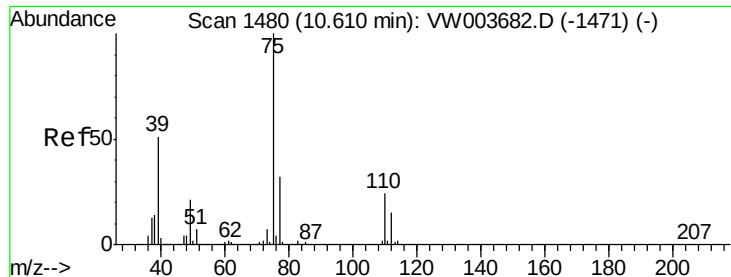
91 174.2 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#53

t-1,3-Dichloropropene

Concen: 53.405 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW003712.D

Acq: 05 Jul 2018 10:59

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 75 Resp: 217996

Ion Ratio Lower Upper

75 100

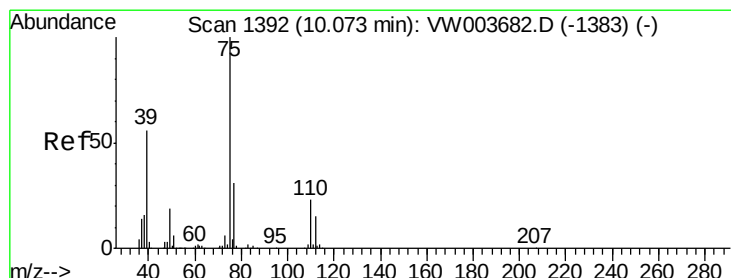
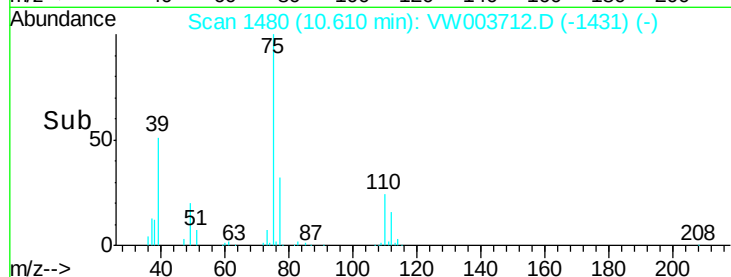
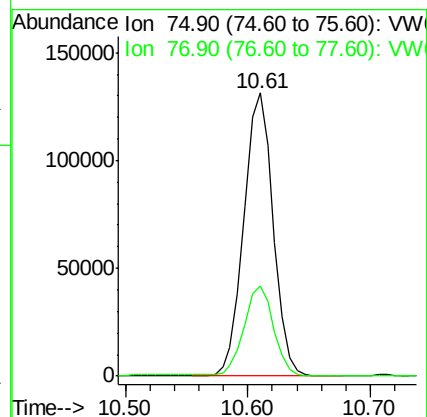
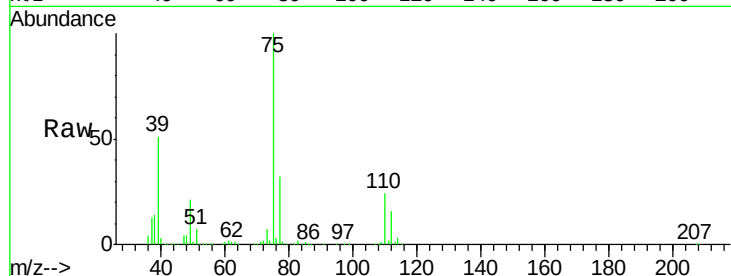
77 31.9 25.5 38.3

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 54.173 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW003712.D

Acq: 05 Jul 2018 10:59

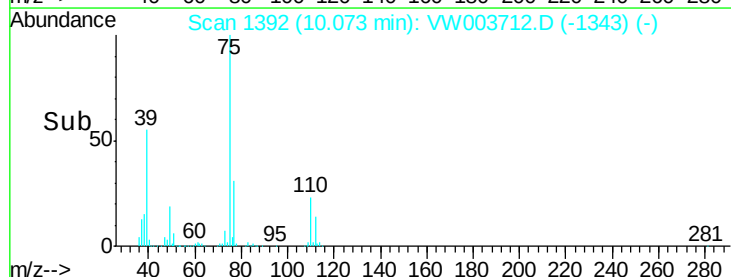
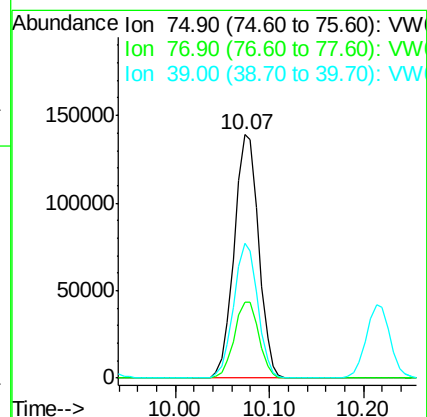
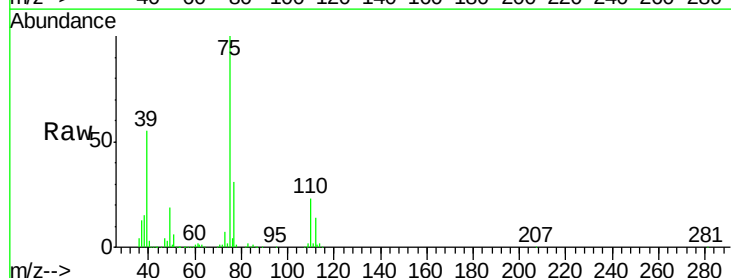
Tgt Ion: 75 Resp: 250697

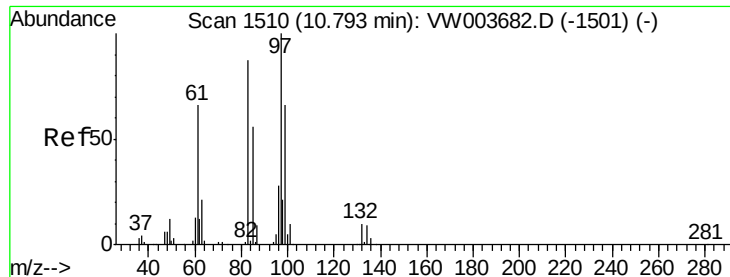
Ion Ratio Lower Upper

75 100

77 31.2 24.9 37.3

39 55.3 44.6 67.0





#55

1,1,2-Trichloroethane

Concen: 50.461 ug/l

RT: 10.79 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VW003712.D

Acq: 05 Jul 2018 10:59

Instrument :

MSVOA_W

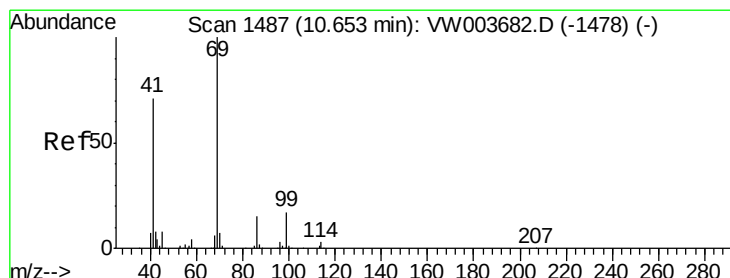
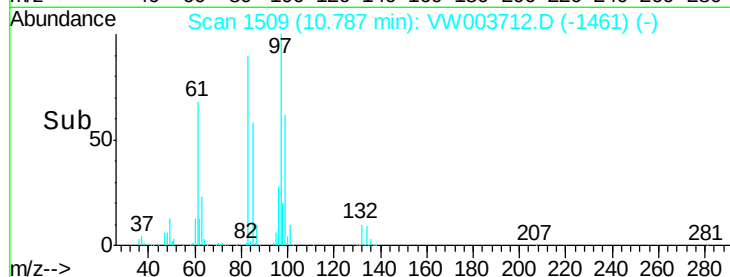
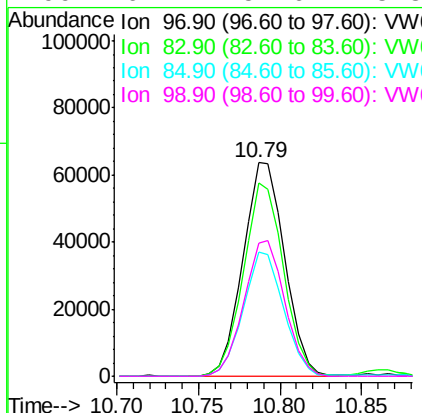
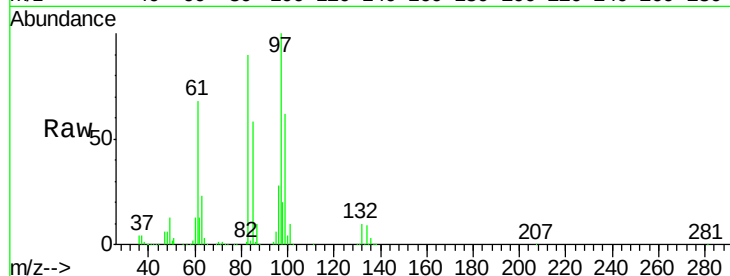
ClientSampled :

VSTDCCC050

Tot Ion:	97	Resp:	113154
Ion	Ratio	Lower	Upper
97	100		
83	90.3	69.5	104.3
85	58.4	44.7	67.1
99	62.4	52.6	78.8

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#56

Ethyl methacrylate

Concen: 46.563 ug/l

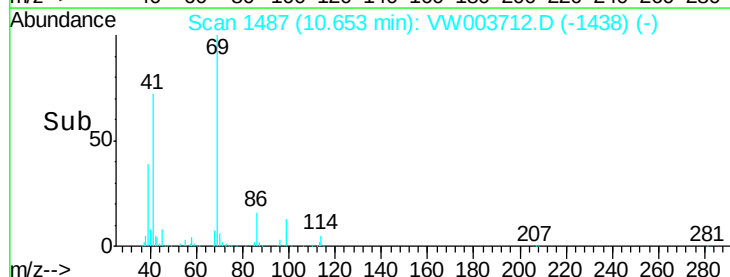
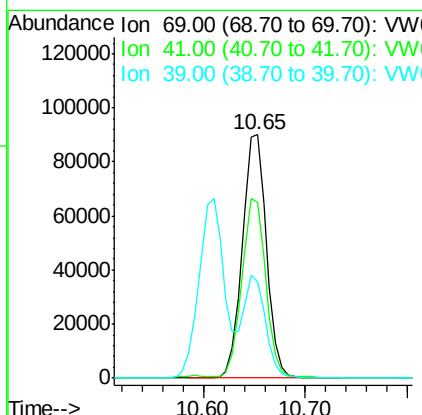
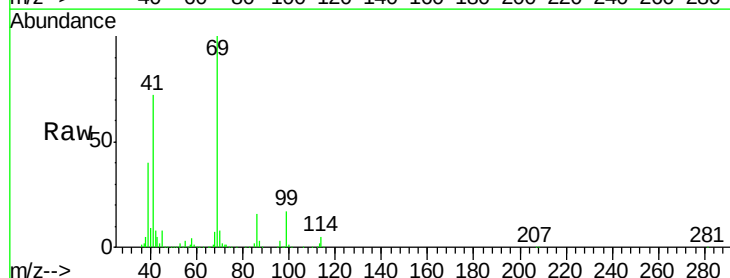
RT: 10.65 min Scan# 1487

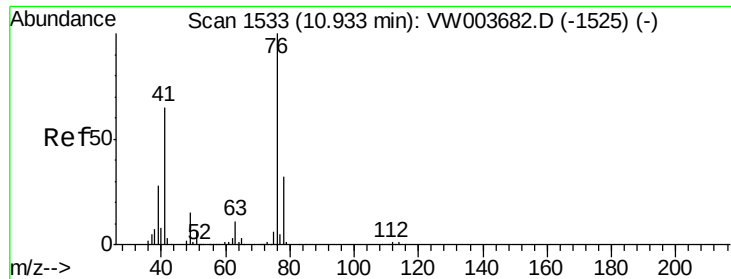
Delta R.T. 0.00 min

Lab File: VW003712.D

Acq: 05 Jul 2018 10:59

Tgt Ion:	69	Resp:	147328
Ion	Ratio	Lower	Upper
69	100		
41	72.7	57.5	86.3
39	40.2	29.4	44.0





#57

1,3-Dichloropropane

Concen: 51.129 ug/l

RT: 10.93 min Scan# 1533

Delta R.T. 0.00 min

Lab File: VW003712.D

Acq: 05 Jul 2018 10:59

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 76 Resp: 199169

Ion Ratio Lower Upper

76 100

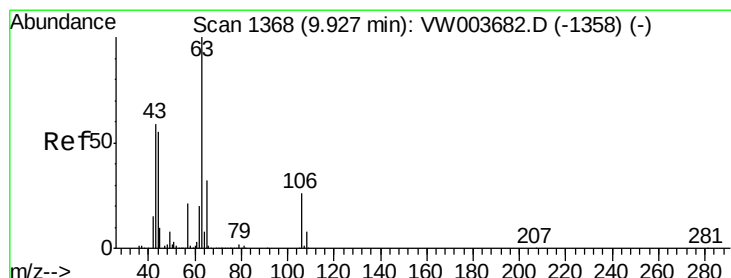
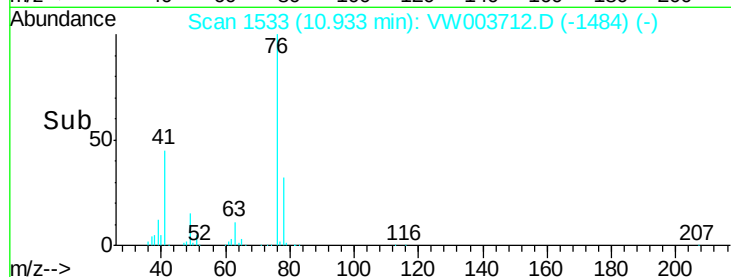
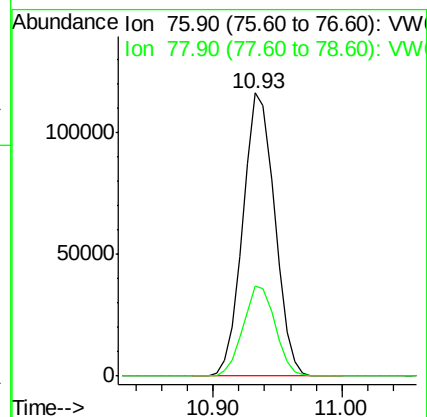
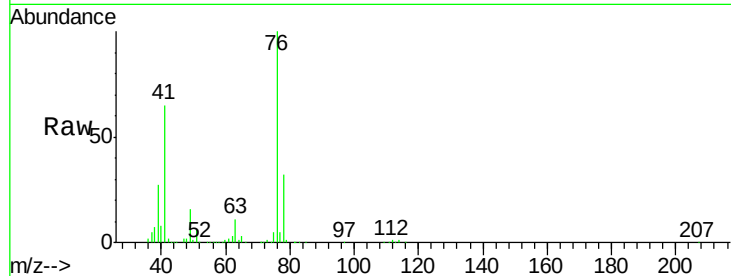
78 32.1 25.6 38.4

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 238.221 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VW003712.D

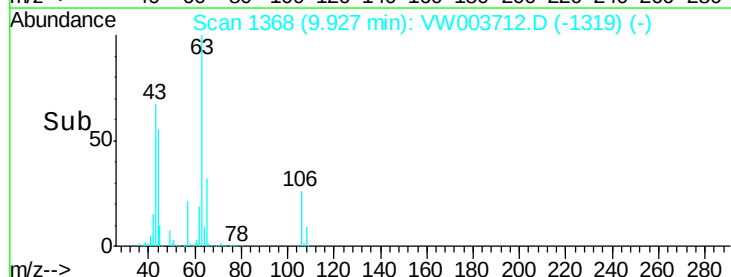
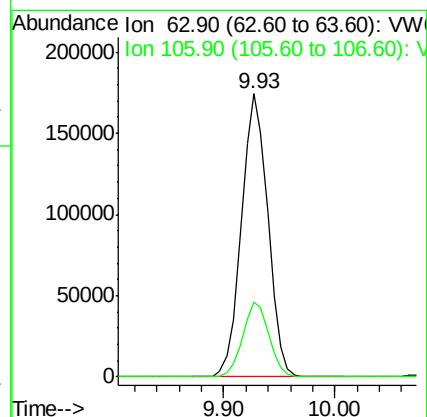
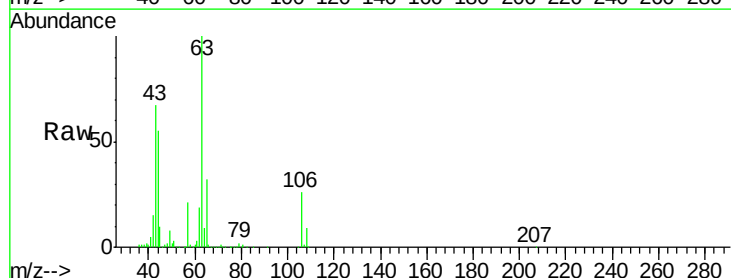
Acq: 05 Jul 2018 10:59

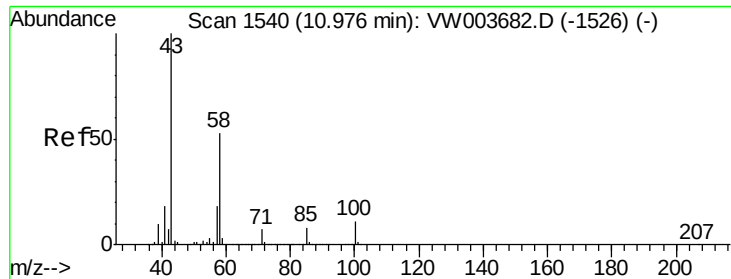
Tgt Ion: 63 Resp: 285530

Ion Ratio Lower Upper

63 100

106 26.2 20.7 31.1





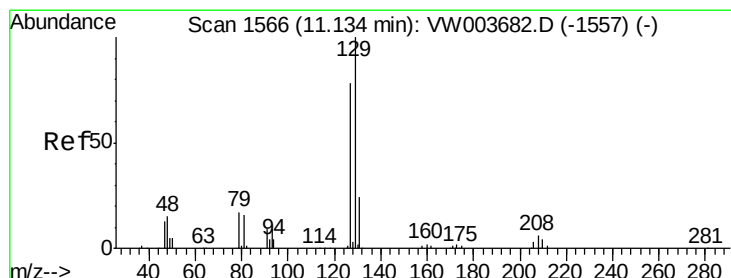
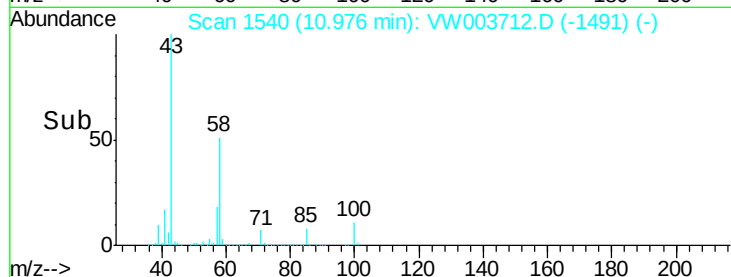
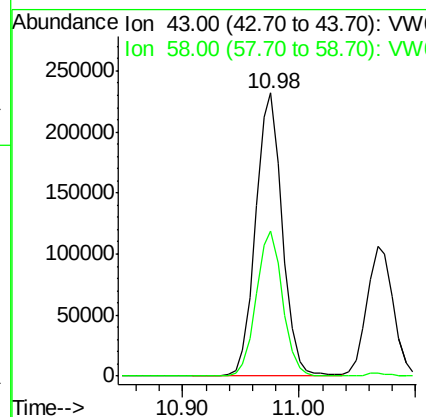
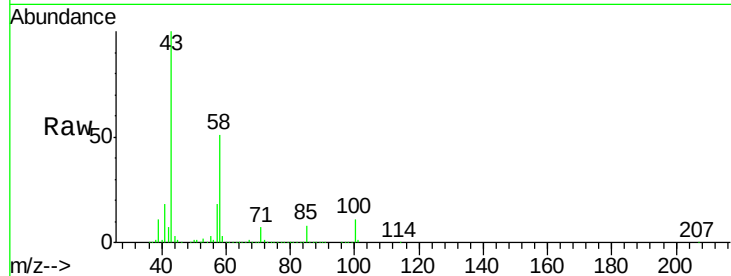
#59
2-Hexanone
Concen: 254.229 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003712.D
Acq: 05 Jul 2018 10:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 369016
Ion Ratio Lower Upper
43 100
58 50.7 25.9 77.6

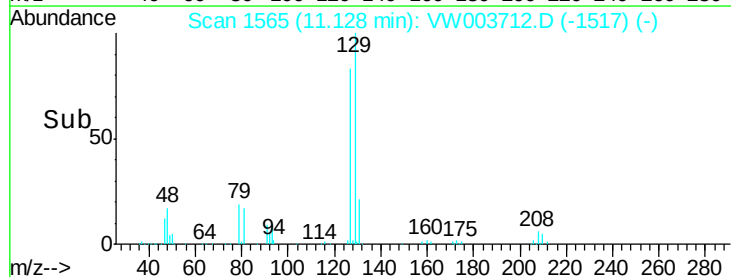
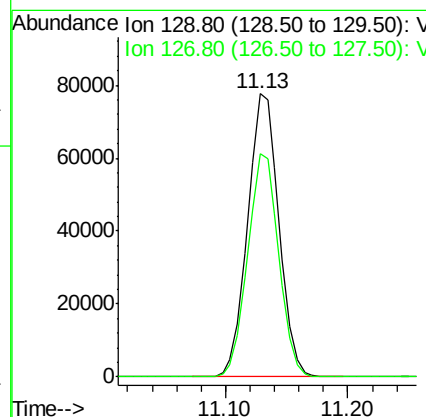
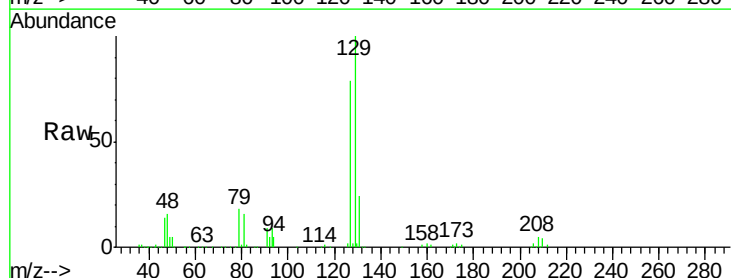
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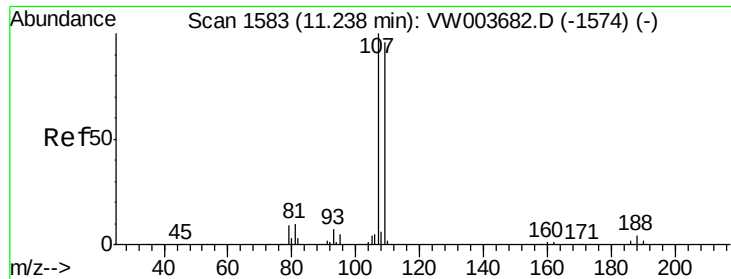
apatel
7/6/2018 10:01:00 AM



#60
Dibromochloromethane
Concen: 52.630 ug/l
RT: 11.13 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VW003712.D
Acq: 05 Jul 2018 10:59

Tgt Ion: 129 Resp: 137964
Ion Ratio Lower Upper
129 100
127 78.2 39.1 117.2





#61

1,2-Dibromoethane

Concen: 50.702 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VW003712.D

Acq: 05 Jul 2018 10:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 108898

Ion Ratio Lower Upper

107 100

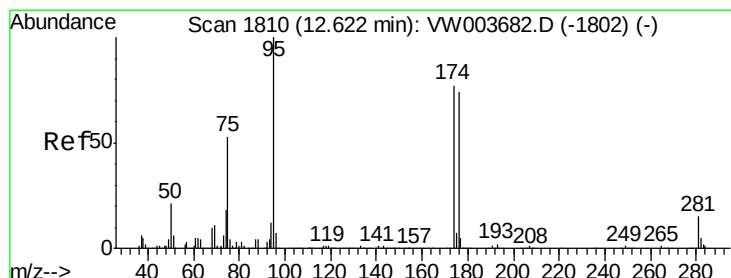
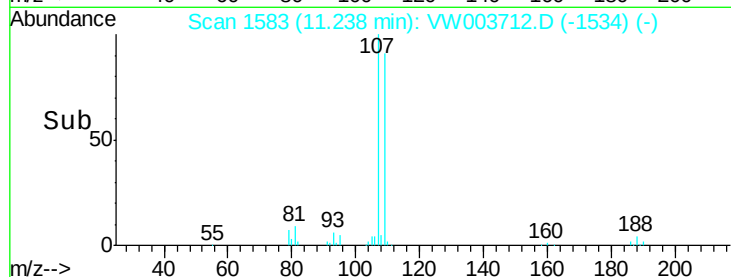
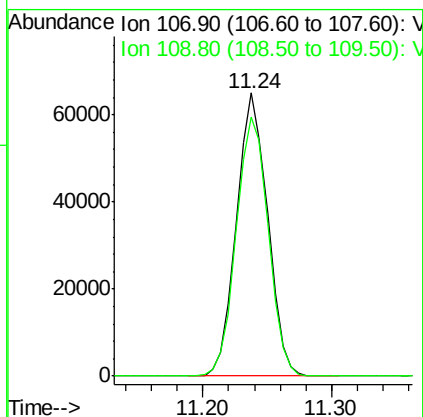
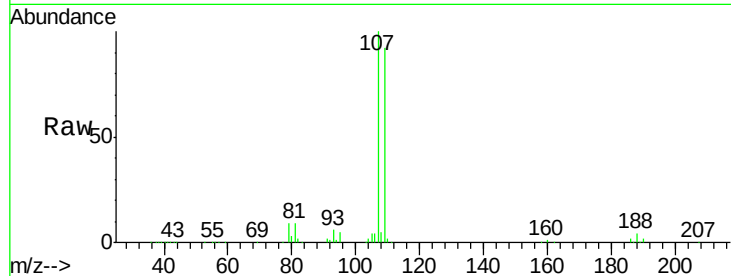
109 94.0 75.6 113.4

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#62

4-Bromofluorobenzene

Concen: 52.978 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW003712.D

Acq: 05 Jul 2018 10:59

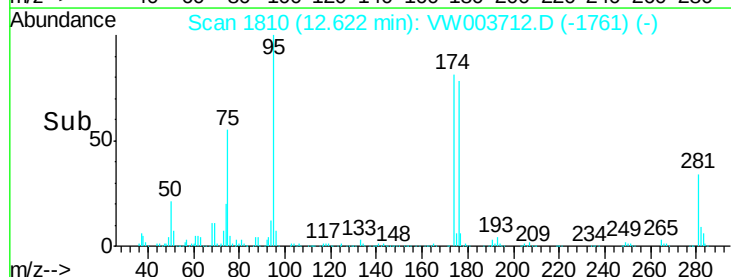
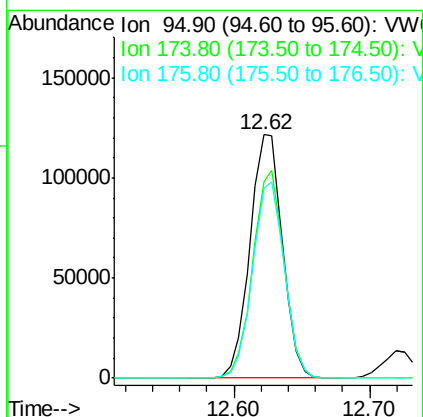
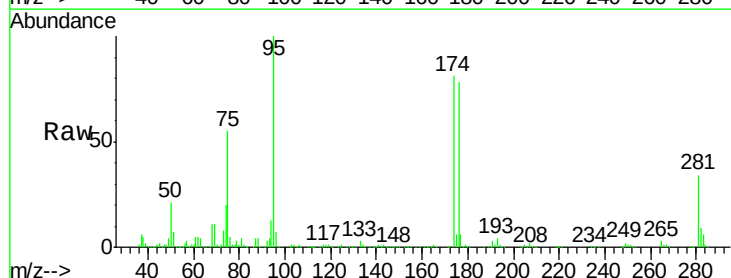
Tgt Ion: 95 Resp: 204052

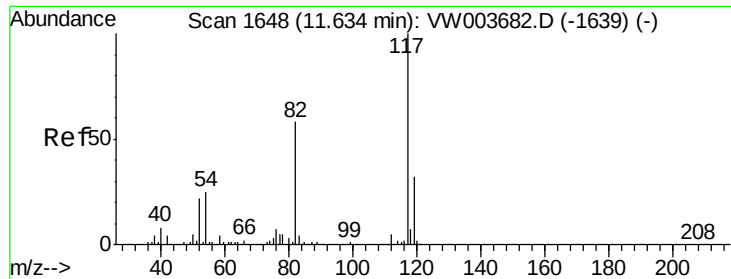
Ion Ratio Lower Upper

95 100

174 82.0 0.0 161.2

176 78.8 0.0 155.0





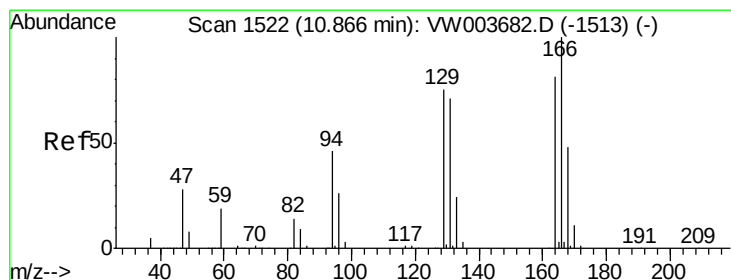
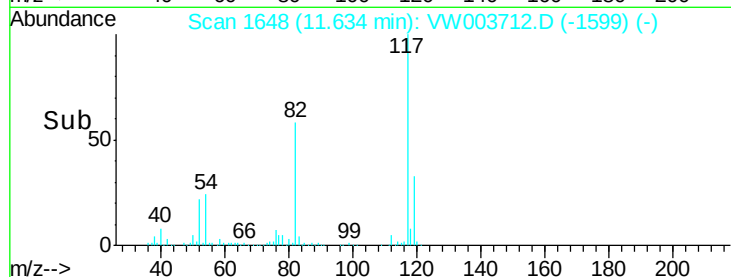
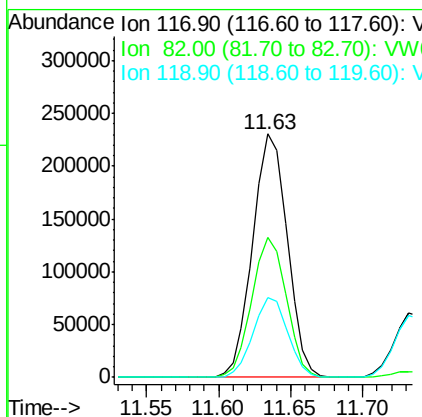
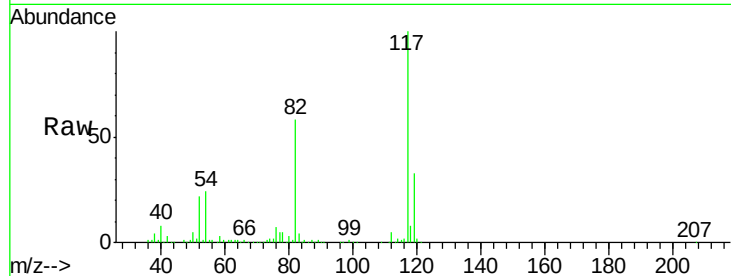
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW003712.D
Acq: 05 Jul 2018 10:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.7	46.0	69.0
119	32.5	25.4	38.0

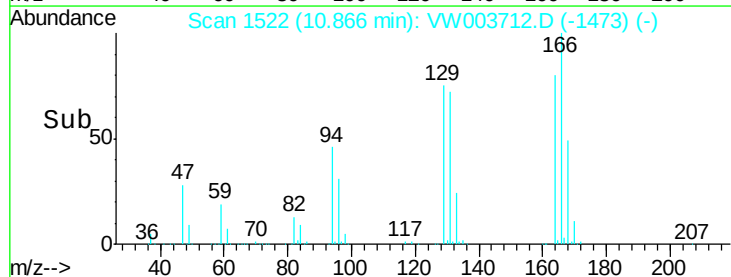
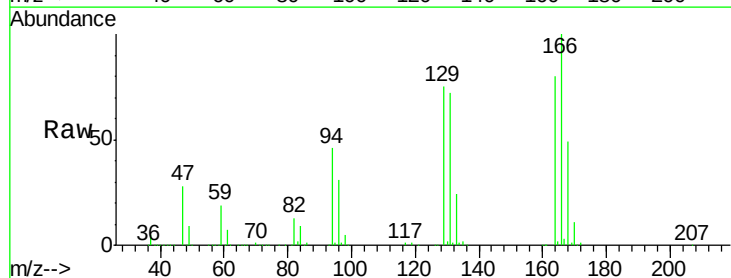
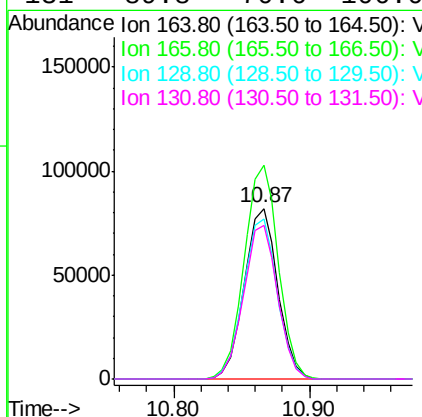
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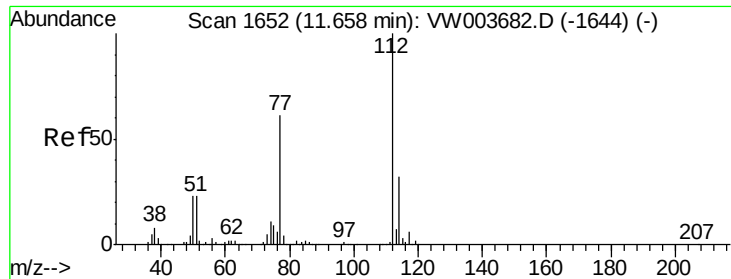
apatel
7/6/2018 10:01:00 AM



#64
Tetrachloroethene
Concen: 54.348 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003712.D
Acq: 05 Jul 2018 10:59

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.3	99.0	148.4
129	93.7	73.8	110.6
131	89.8	70.6	106.0





#65

Chlorobenzene

Concen: 54.270 ug/l

RT: 11.66 min Scan# 1652

Delta R.T. 0.00 min

Lab File: VW003712.D

Acq: 05 Jul 2018 10:59

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion:112 Resp: 438245

Ion Ratio Lower Upper

112 100

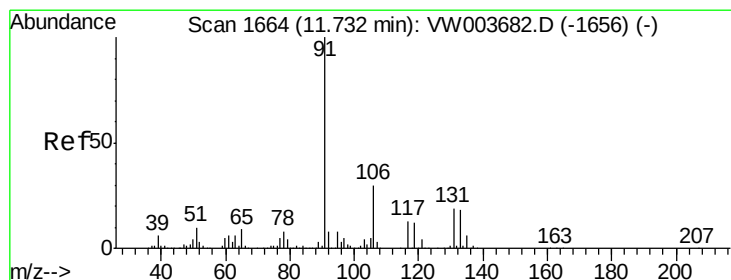
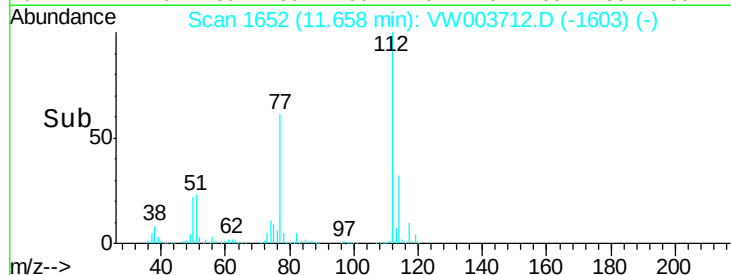
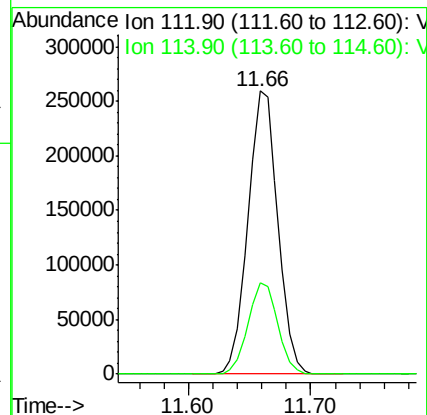
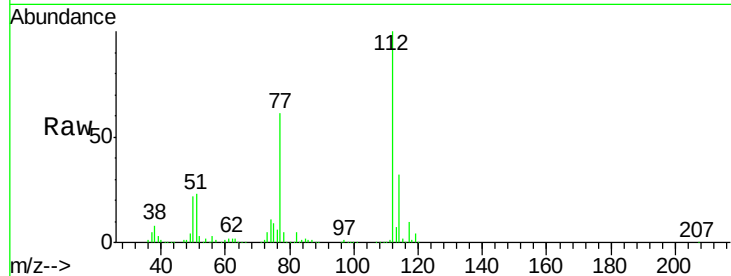
114 32.2 25.8 38.8

Manual Integrations

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#66

1,1,1,2-Tetrachloroethane

Concen: 54.916 ug/l

RT: 11.73 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VW003712.D

Acq: 05 Jul 2018 10:59

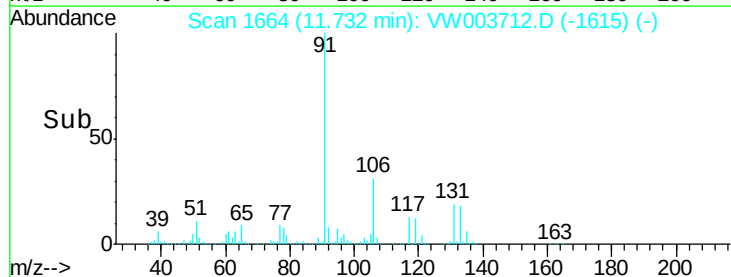
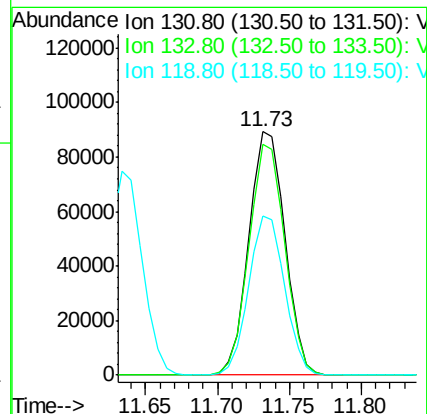
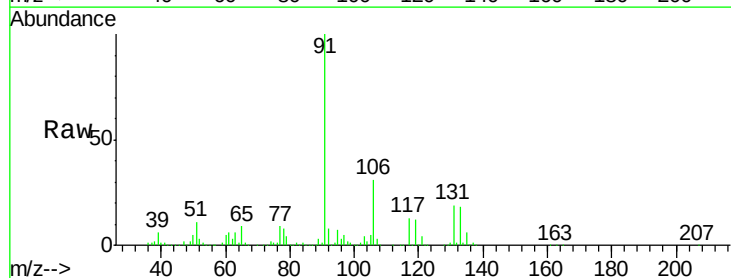
Tgt Ion:131 Resp: 154980

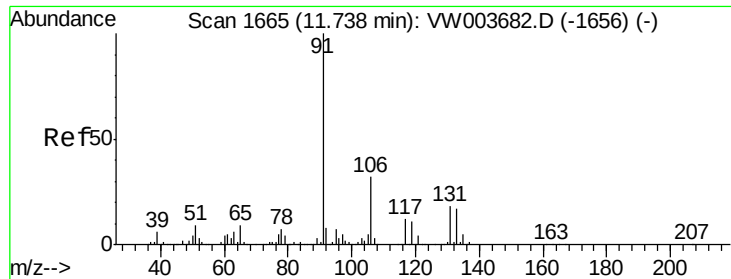
Ion Ratio Lower Upper

131 100

133 94.4 47.6 142.8

119 65.0 31.9 95.9





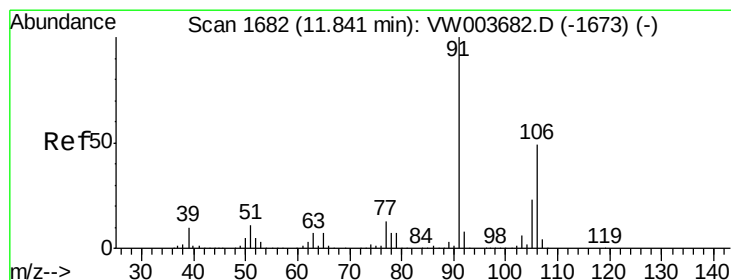
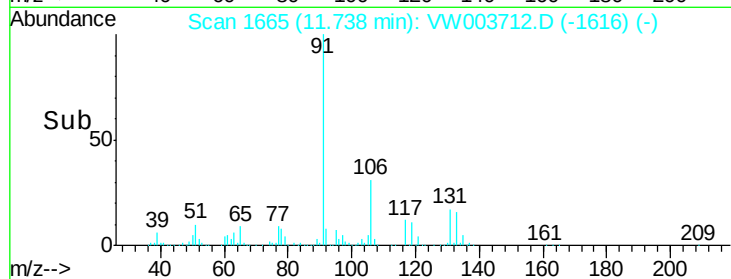
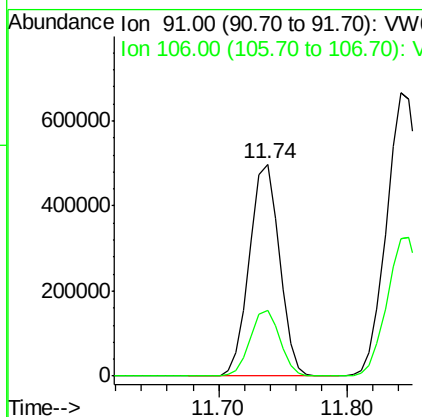
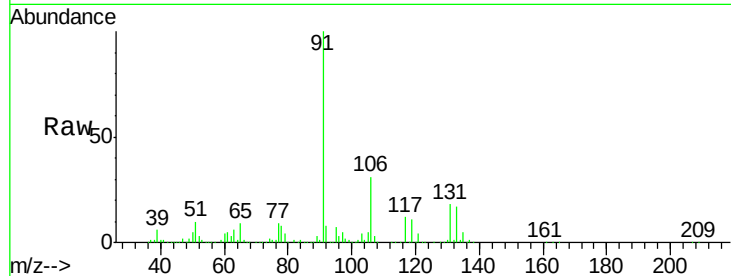
#67
Ethyl Benzene
Concen: 56.798 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003712.D
Acq: 05 Jul 2018 10:59

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 803627
Ion Ratio Lower Upper
91 100
106 31.0 25.2 37.8

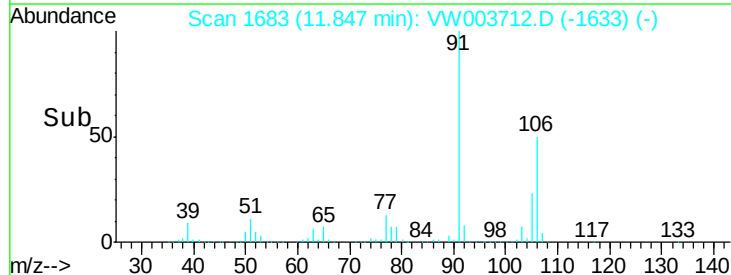
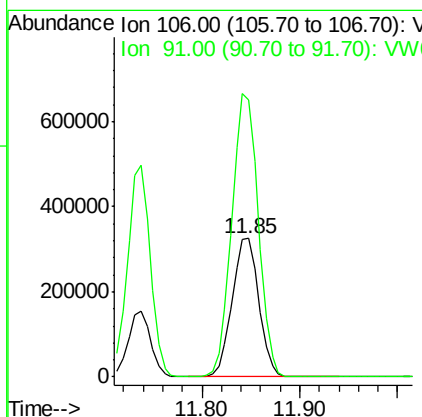
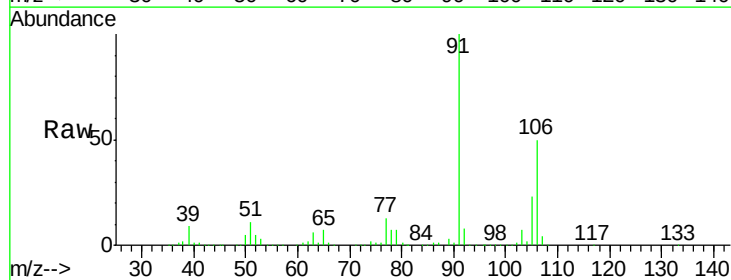
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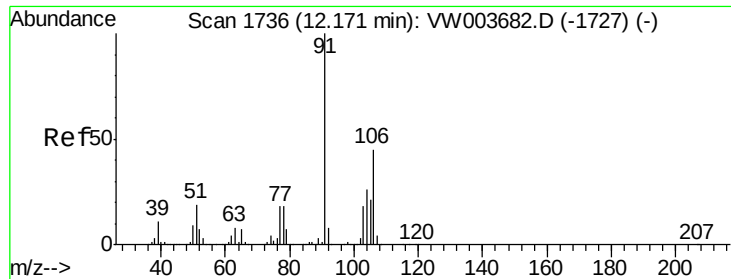
apatel
7/6/2018 10:01:00 AM



#68
m/p-Xylenes
Concen: 114.332 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.01 min
Lab File: VW003712.D
Acq: 05 Jul 2018 10:59

Tgt Ion: 106 Resp: 615161
Ion Ratio Lower Upper
106 100
91 203.3 163.7 245.5





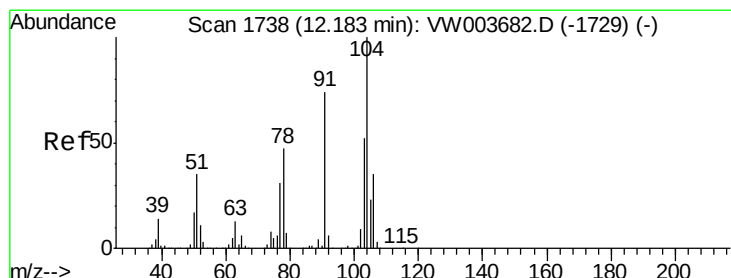
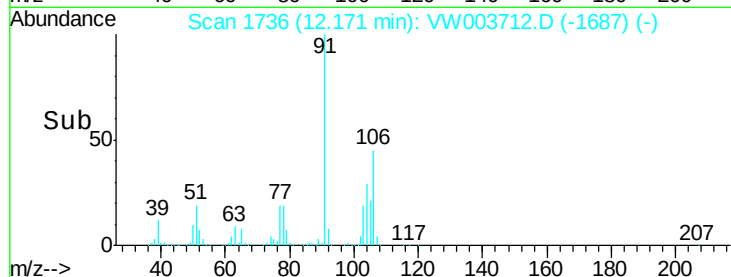
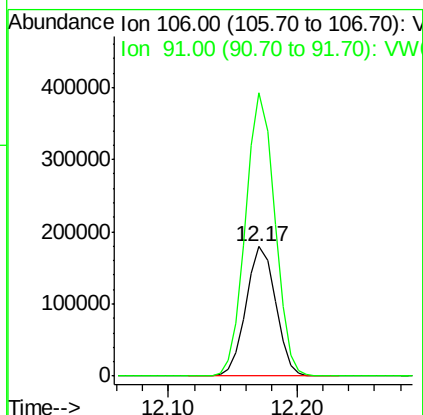
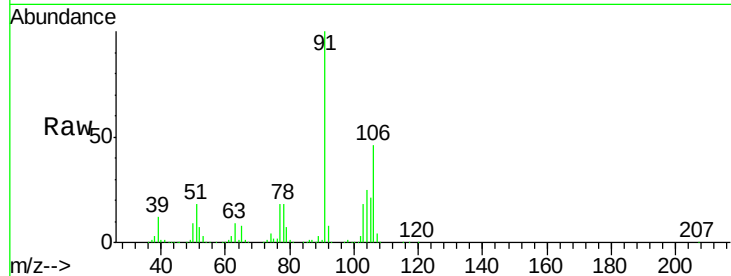
#69
o-Xylene
Concen: 57.334 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003712.D
Acq: 05 Jul 2018 10:59

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	215.6	109.3	327.8

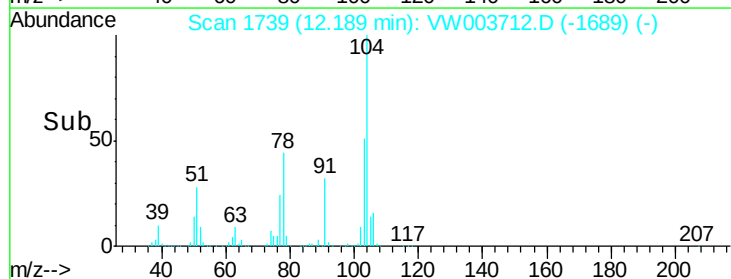
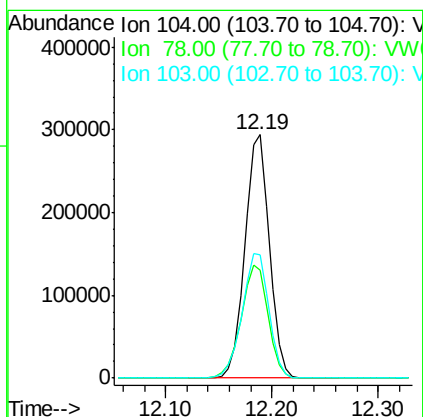
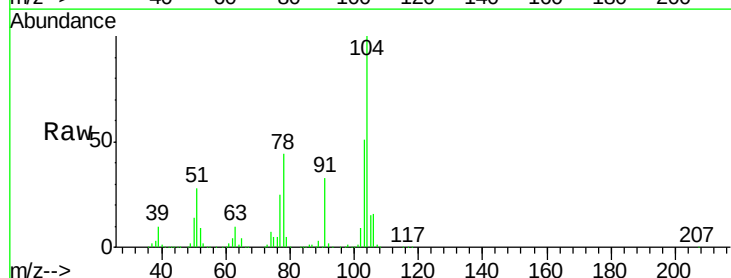
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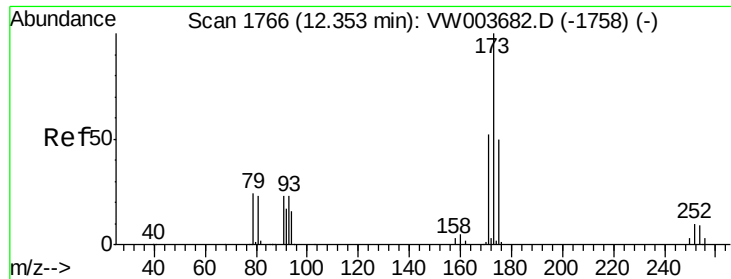
apatel
7/6/2018 10:01:00 AM



#70
Styrene
Concen: 56.841 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VW003712.D
Acq: 05 Jul 2018 10:59

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.2	40.2	60.4
103	55.8	44.4	66.6





#71

Bromoform

Concen: 53.217 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW003712.D

Acq: 05 Jul 2018 10:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 83450

Ion Ratio Lower Upper

173 100

175 48.4 24.5 73.5

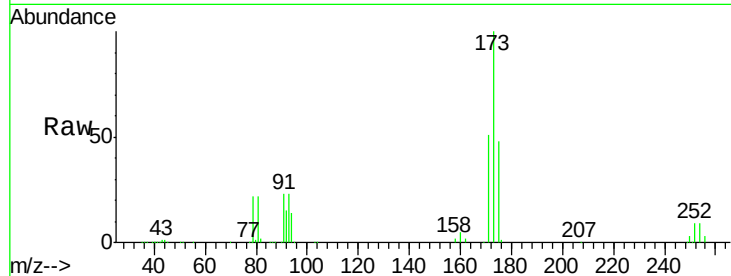
254 0.1 0.2 0.2#

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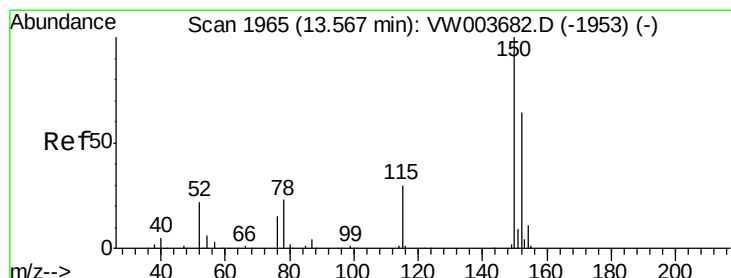
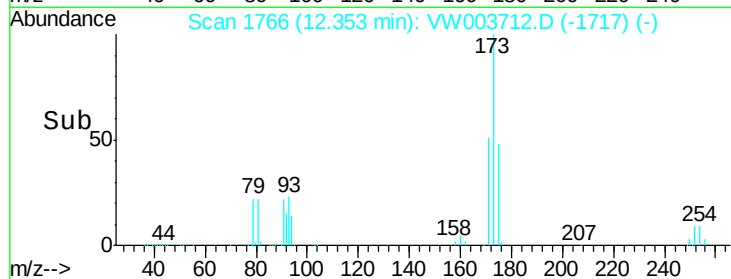
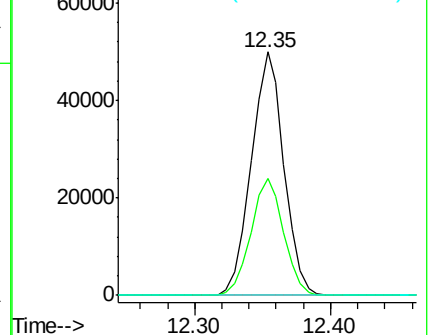
7/6/2018 10:01:00 AM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW003712.D

Acq: 05 Jul 2018 10:59

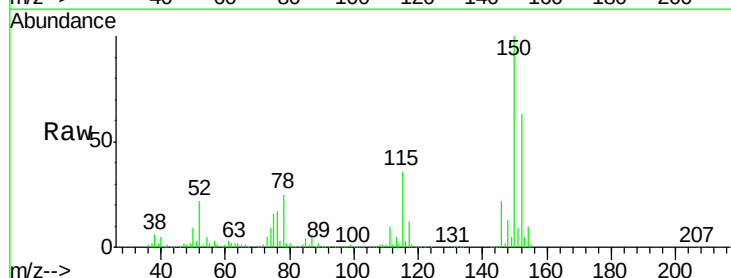
Tgt Ion:152 Resp: 203431

Ion Ratio Lower Upper

152 100

115 58.0 29.3 88.0

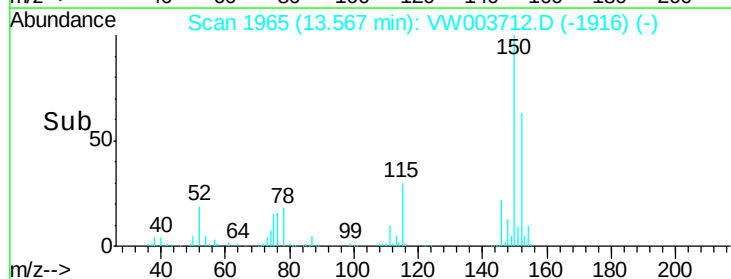
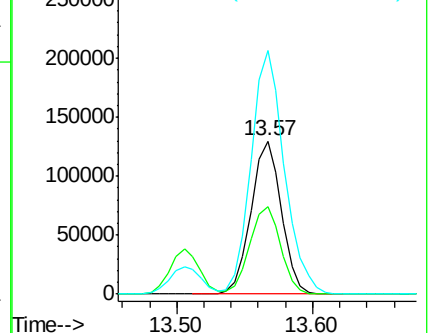
150 174.7 0.0 352.0

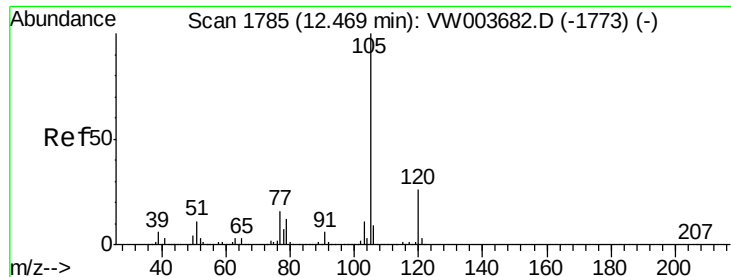


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





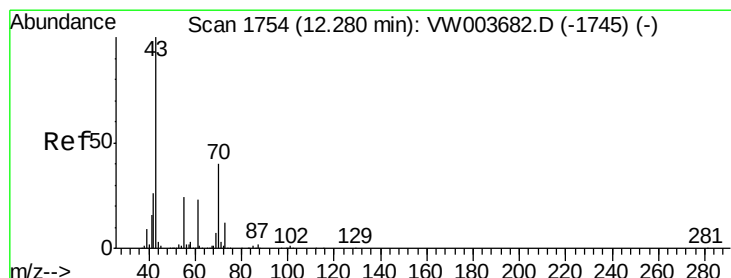
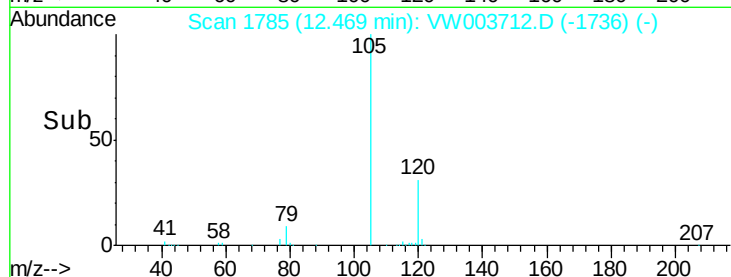
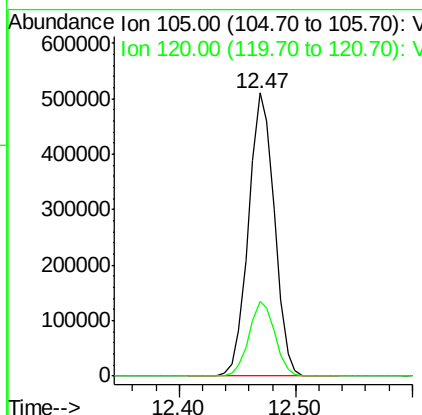
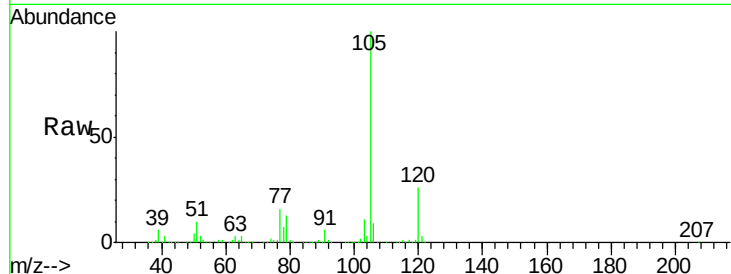
#73
Isopropylbenzene
Concen: 57.231 ug/l
RT: 12.47 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VW003712.D
Acq: 05 Jul 2018 10:59

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.3	13.1	39.3

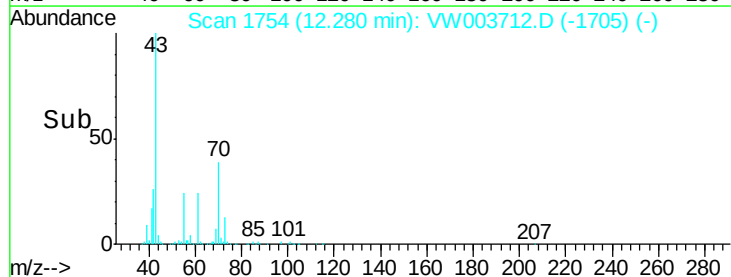
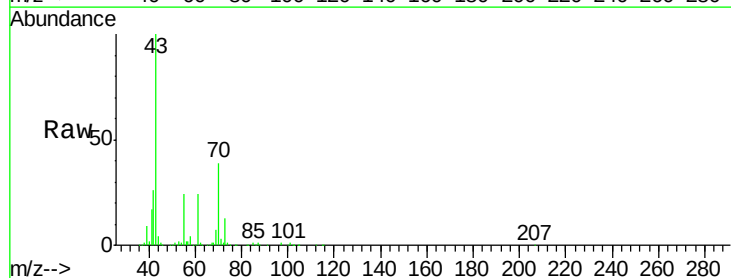
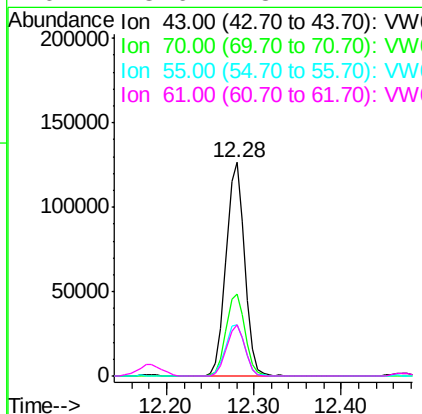
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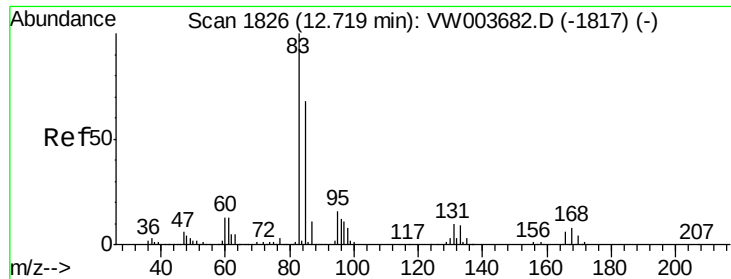
apatel
7/6/2018 10:01:00 AM



#74
N-ethyl acetate
Concen: 50.730 ug/l
RT: 12.28 min Scan# 1754
Delta R.T. 0.00 min
Lab File: VW003712.D
Acq: 05 Jul 2018 10:59

Tgt Ion	Ratio	Lower	Upper
43	100		
70	39.3	31.3	46.9
55	25.4	20.1	30.1
61	23.6	18.2	27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 50.315 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003712.D

Acq: 05 Jul 2018 10:59

Instrument :

MSVOA_W

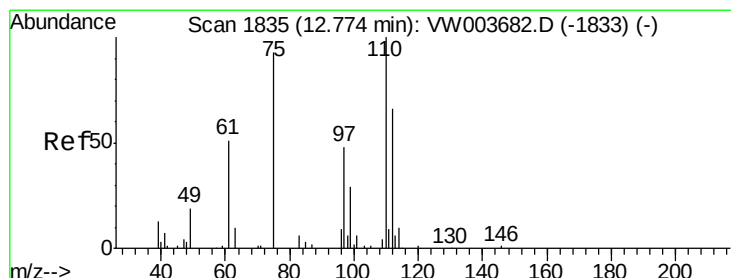
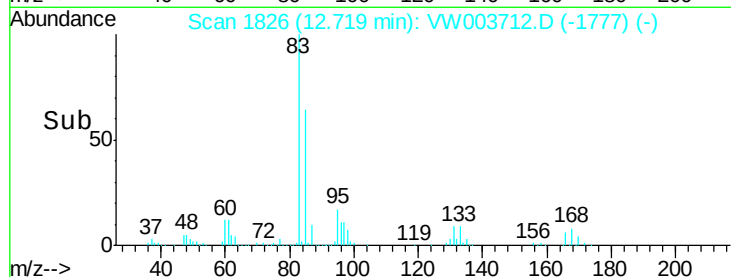
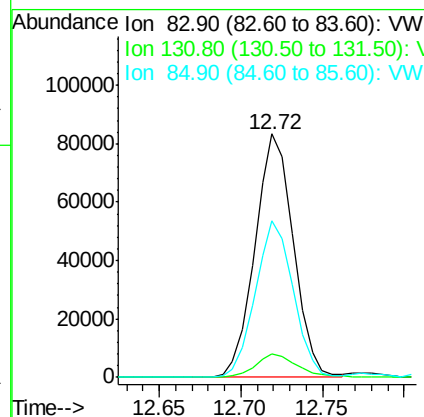
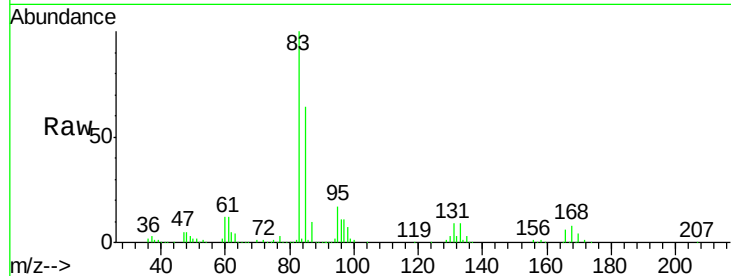
ClientSampled :

VSTDCCC050

Tot Ion:	83	Resp:	136186
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.3	15.9
85	63.4	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 49.594 ug/l m

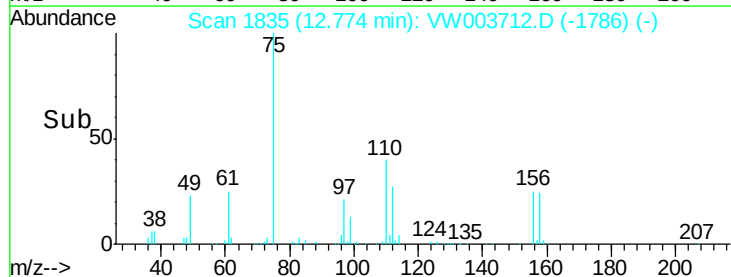
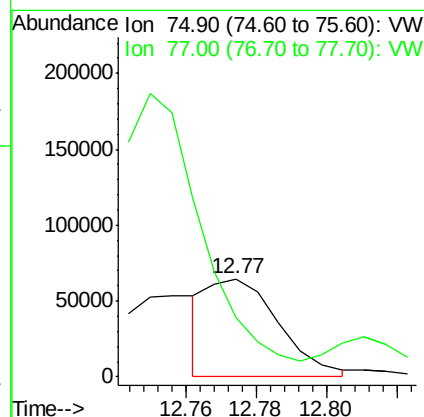
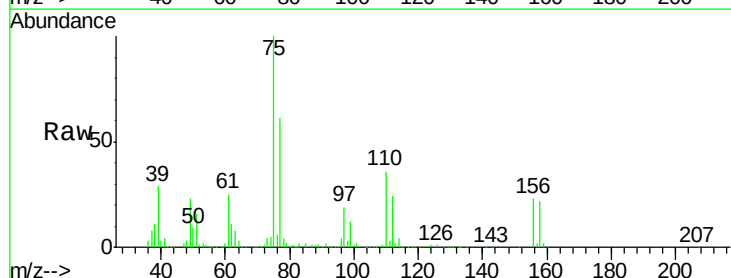
RT: 12.77 min Scan# 1835

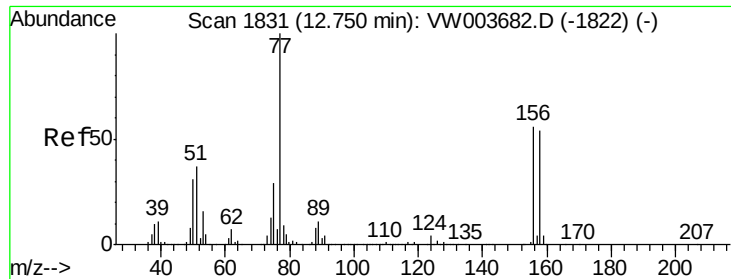
Delta R.T. 0.00 min

Lab File: VW003712.D

Acq: 05 Jul 2018 10:59

Tgt Ion:	75	Resp:	90714
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 54.030 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VW003712.D

Acq: 05 Jul 2018 10:59

Instrument :

MSVOA_W

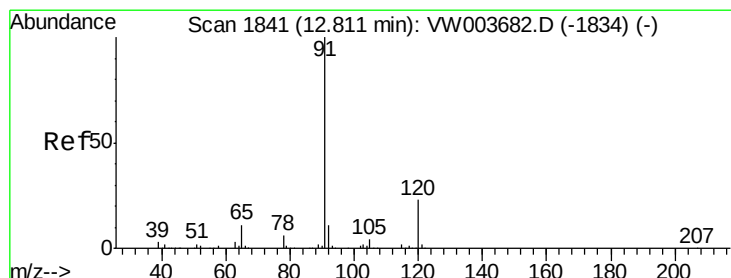
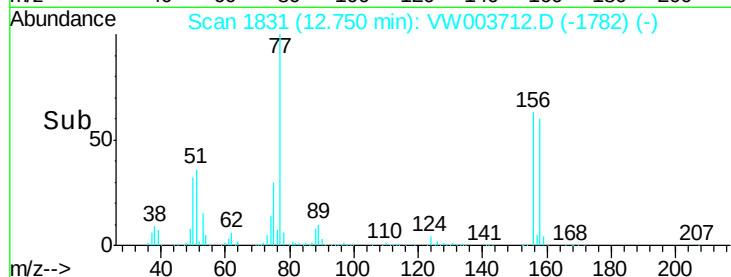
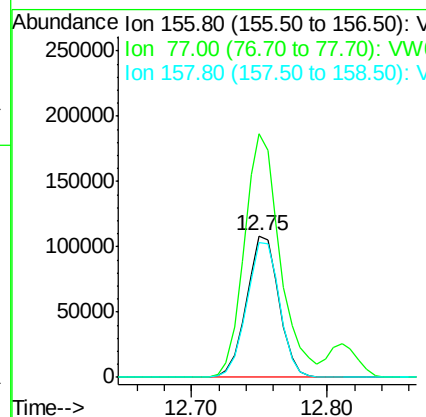
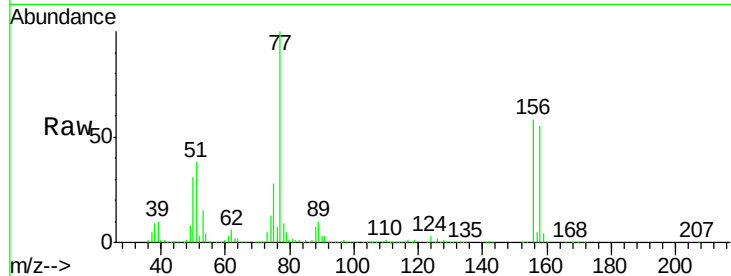
ClientSampled :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	190.0	95.8	287.4
158	97.4	48.2	144.6

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#78

n-propylbenzene

Concen: 57.310 ug/l

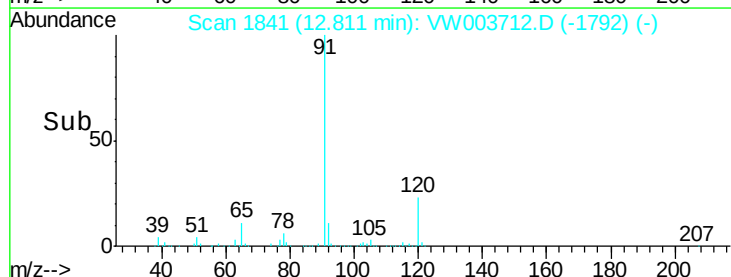
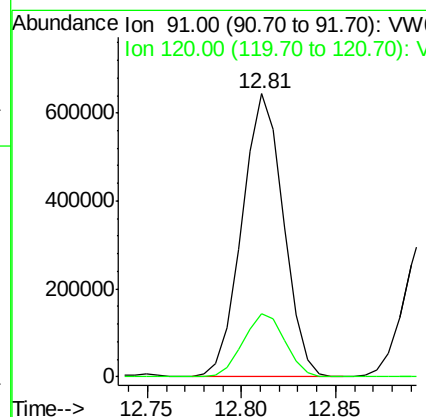
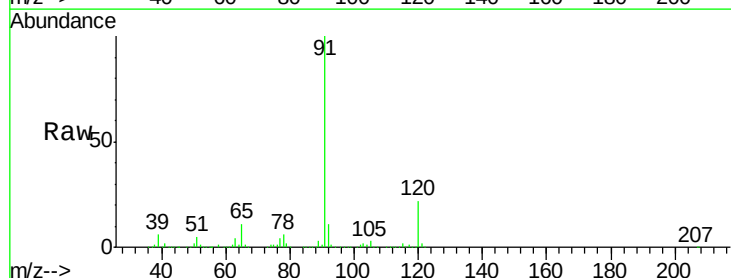
RT: 12.81 min Scan# 1841

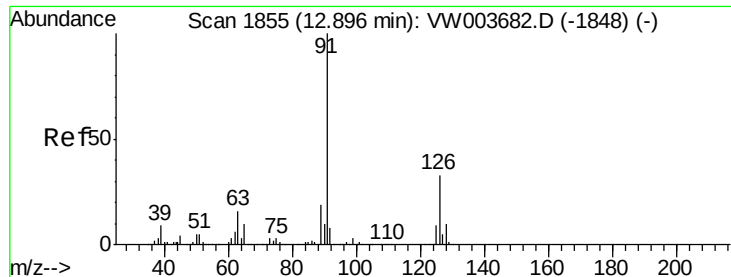
Delta R.T. 0.00 min

Lab File: VW003712.D

Acq: 05 Jul 2018 10:59

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.6	11.4	34.1





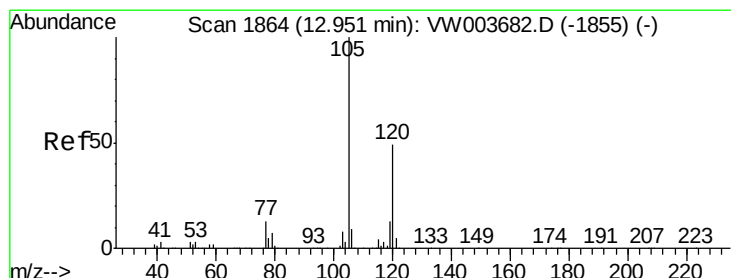
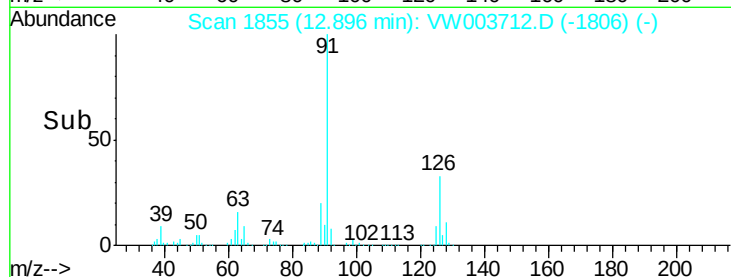
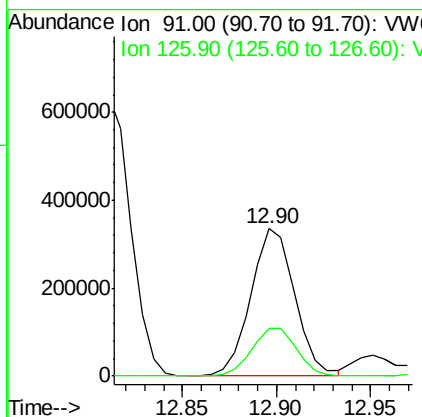
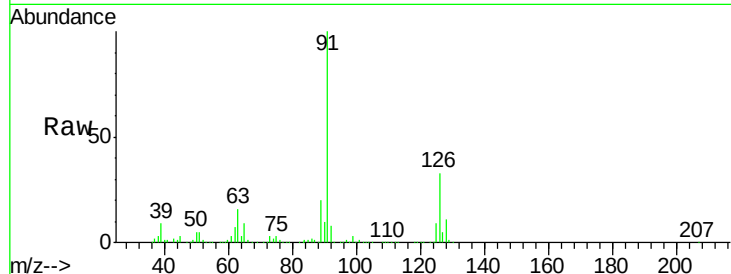
#79
2-Chlorotoluene
Concen: 55.727 ug/l
RT: 12.90 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW003712.D
Acq: 05 Jul 2018 10:59

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 542107
Ion Ratio Lower Upper
91 100
126 33.5 16.4 49.4

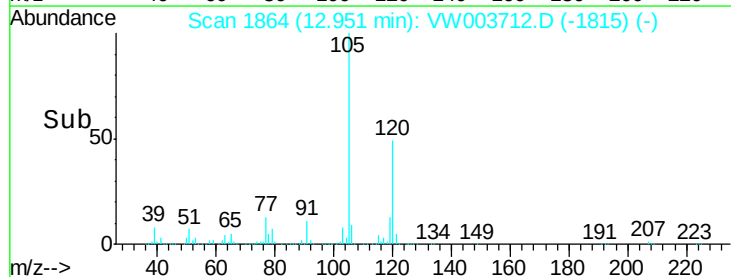
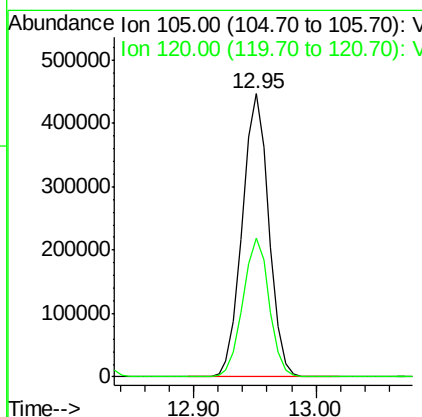
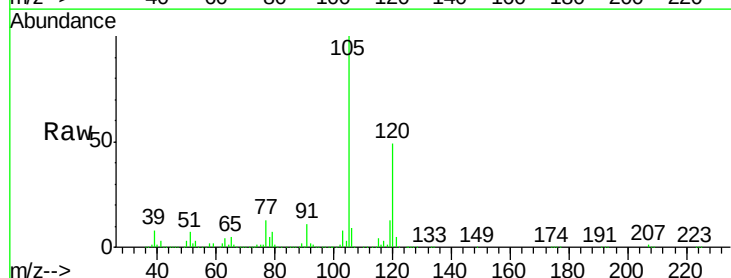
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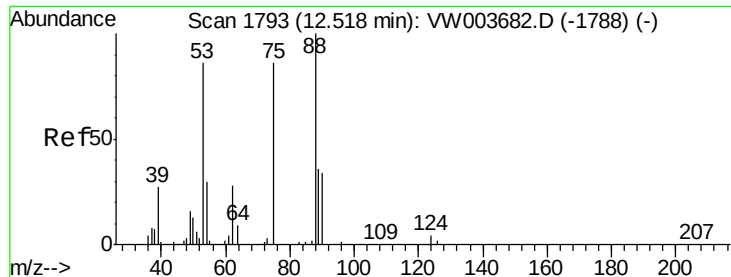
apatel
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#80
1,3,5-Trimethylbenzene
Concen: 57.229 ug/l
RT: 12.95 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VW003712.D
Acq: 05 Jul 2018 10:59

Tgt Ion: 105 Resp: 669937
Ion Ratio Lower Upper
105 100
120 48.6 24.3 72.8





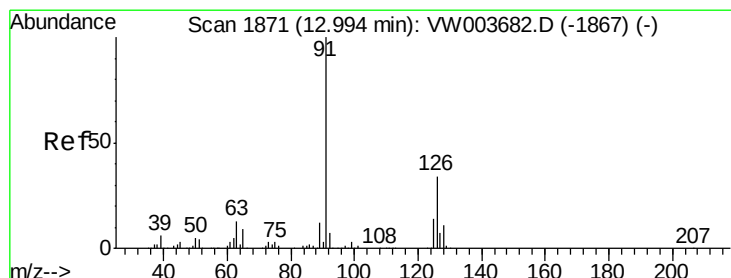
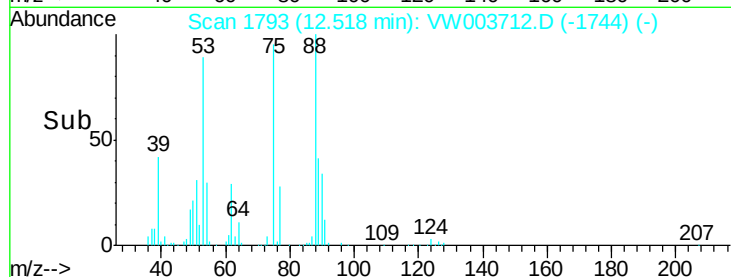
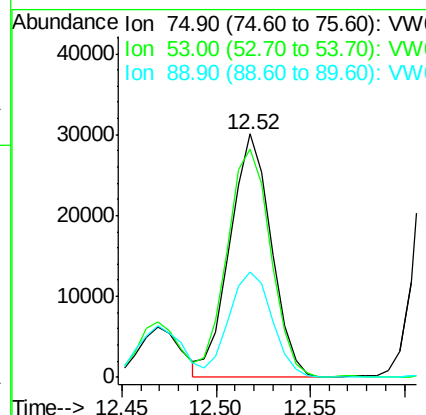
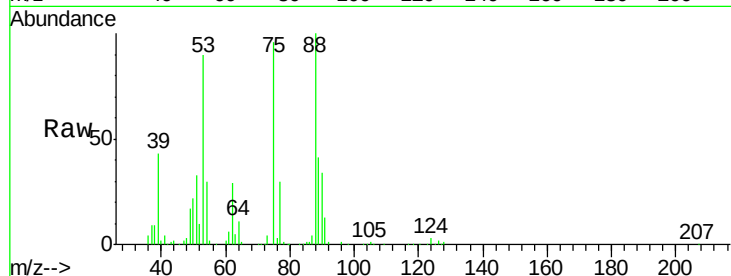
#81
trans-1,4-Dichloro-2-butene
Concen: 52.756 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VW003712.D
Acq: 05 Jul 2018 10:59

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	99.3	82.4	123.6
89	45.3	35.9	53.9

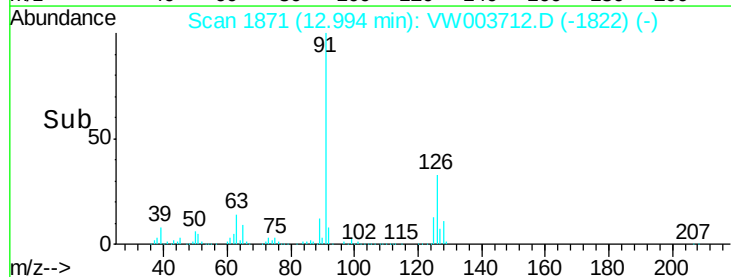
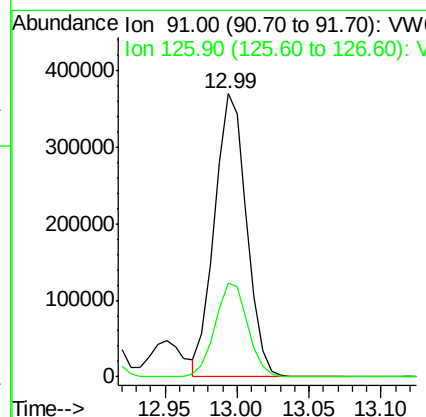
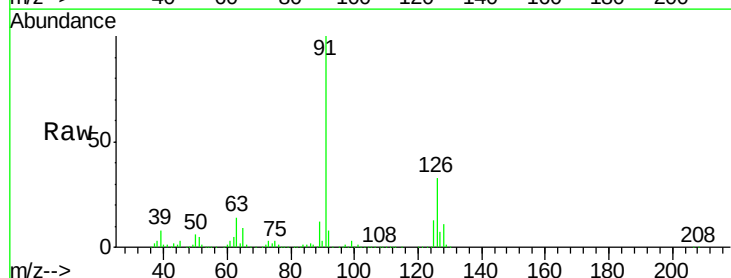
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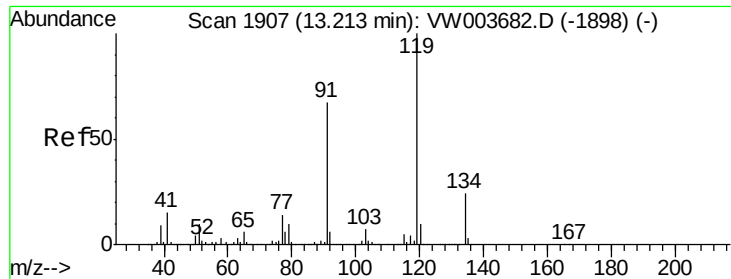
apatel
7/6/2018 10:01:00 AM



#82
4-Chlorotoluene
Concen: 55.440 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. 0.00 min
Lab File: VW003712.D
Acq: 05 Jul 2018 10:59

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.9	17.0	50.9





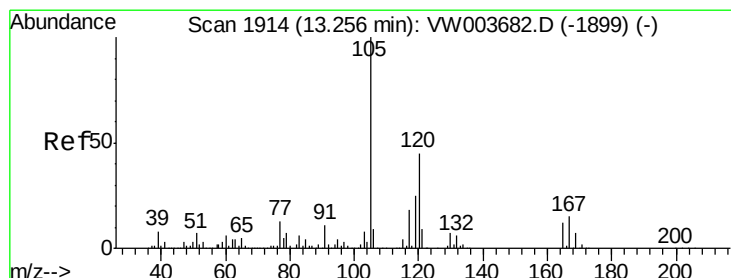
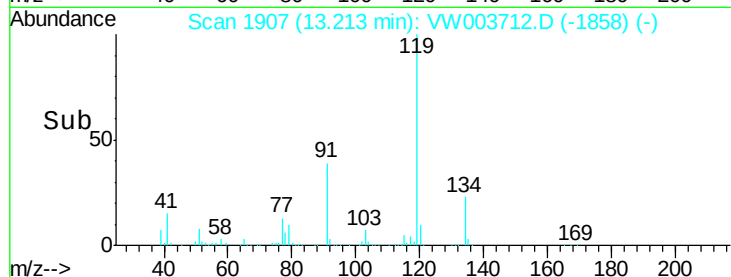
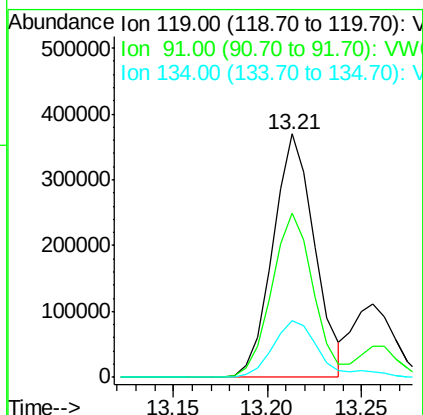
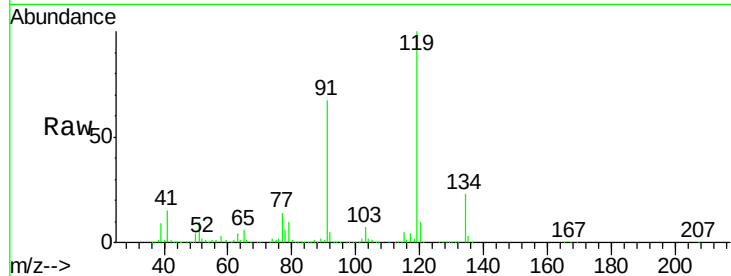
#83
tert-Butylbenzene
Concen: 57.527 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VW003712.D
Acq: 05 Jul 2018 10:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.1	33.8	101.3
134	26.3	13.1	39.1

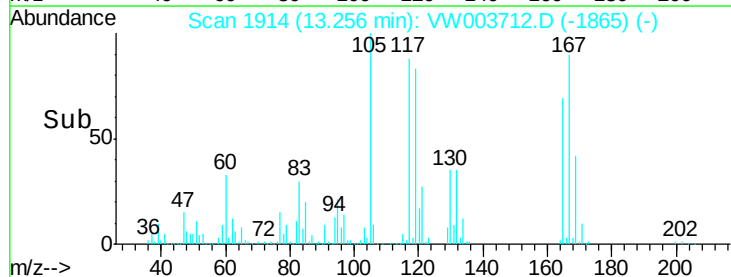
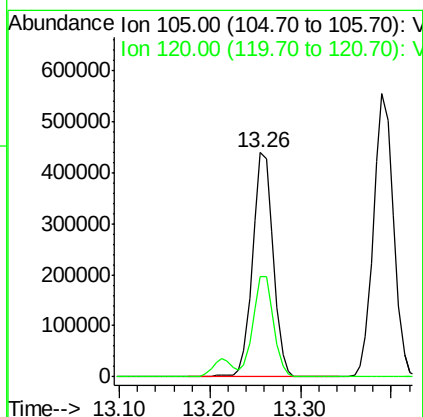
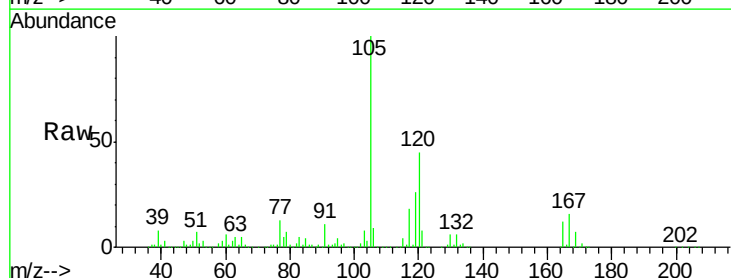
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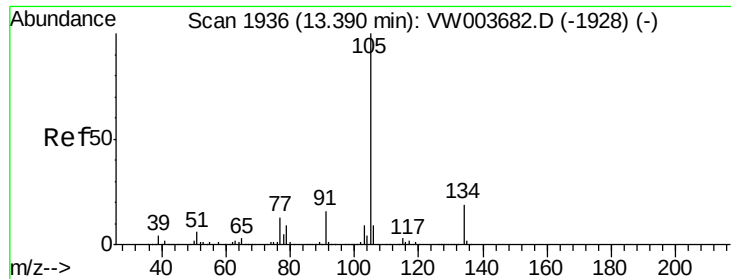
apatel
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#84
1,2,4-Trimethylbenzene
Concen: 57.187 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. 0.00 min
Lab File: VW003712.D
Acq: 05 Jul 2018 10:59

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.6	22.4	67.3





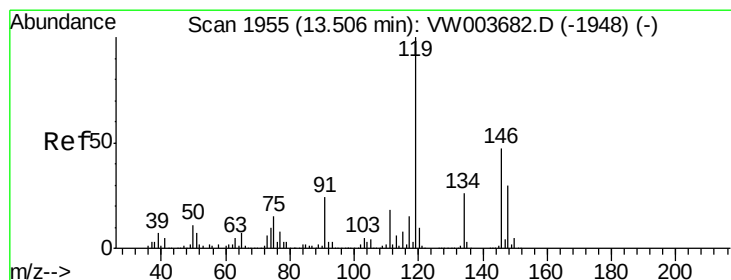
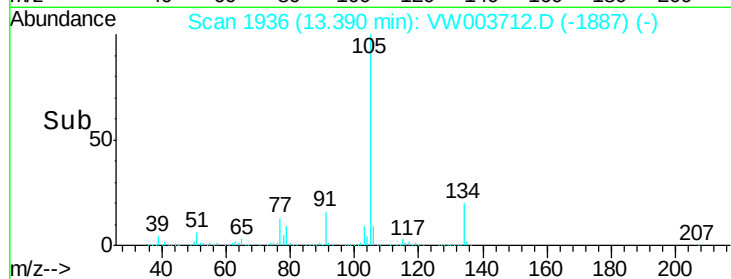
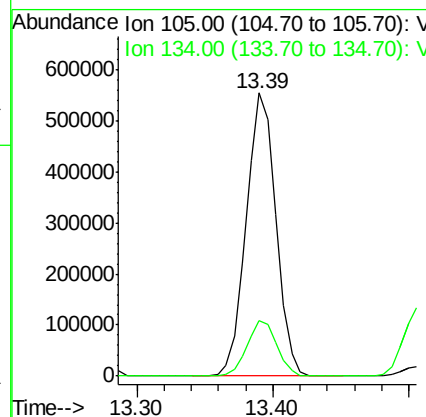
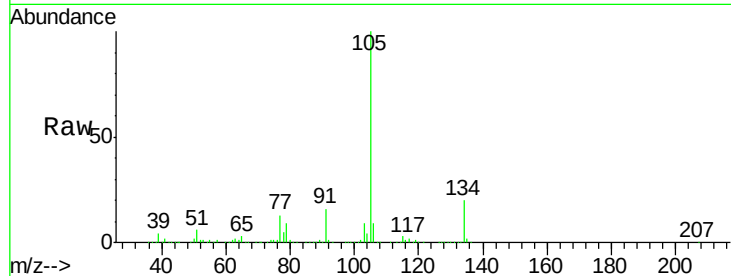
#85
 sec-Butylbenzene
 Concen: 57.527 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VW003712.D
 Acq: 05 Jul 2018 10:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.7	9.8	29.4

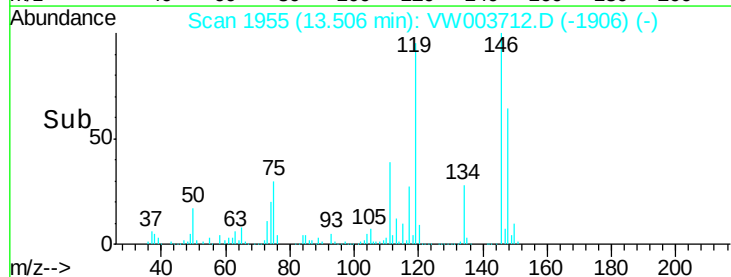
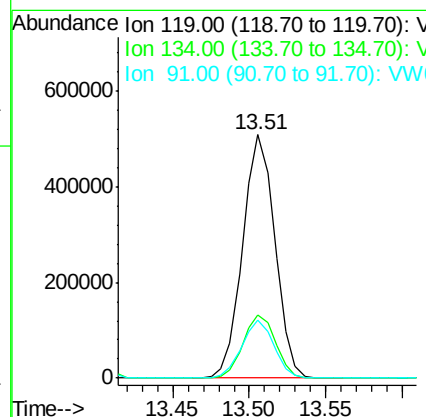
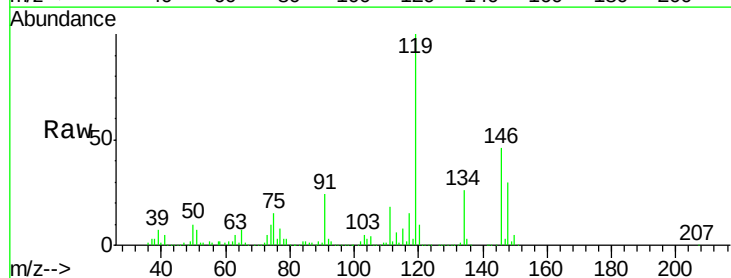
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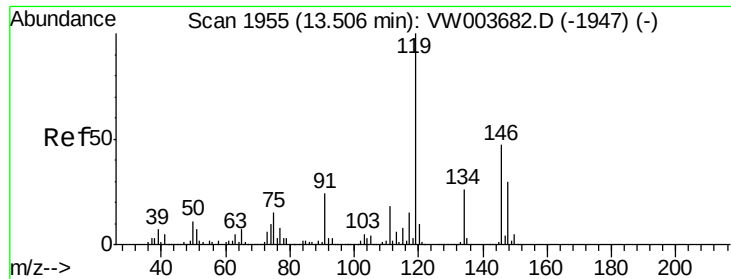
apatel
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#86
 p-Isopropyltoluene
 Concen: 58.006 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003712.D
 Acq: 05 Jul 2018 10:59

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.4	13.0	38.9
91	23.7	11.8	35.4





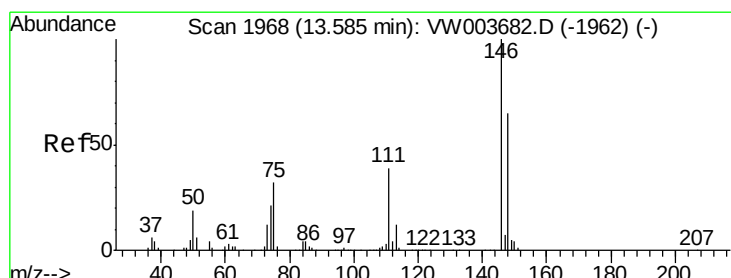
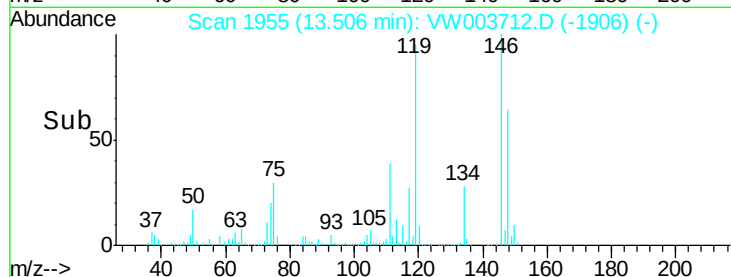
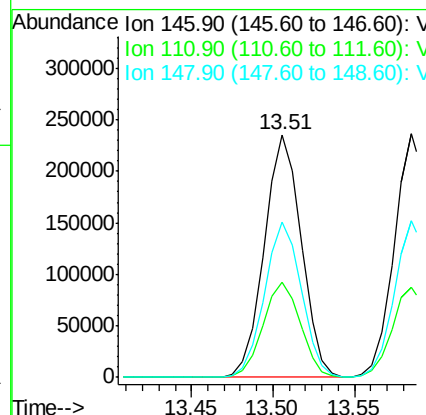
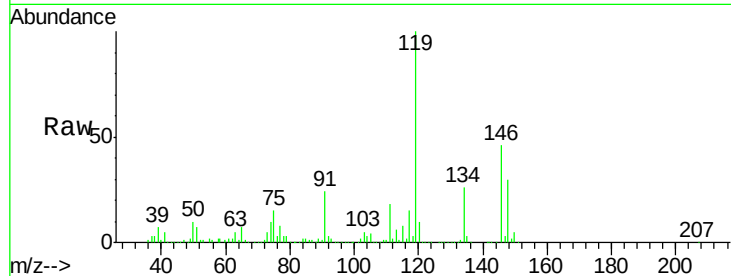
#87
 1,3-Dichlorobenzene
 Concen: 54.669 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003712.D
 Acq: 05 Jul 2018 10:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	368476		
111	39.7	19.9	59.7	
148	63.9	31.9	95.9	

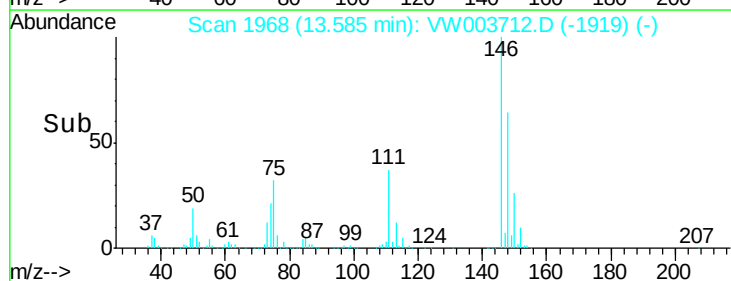
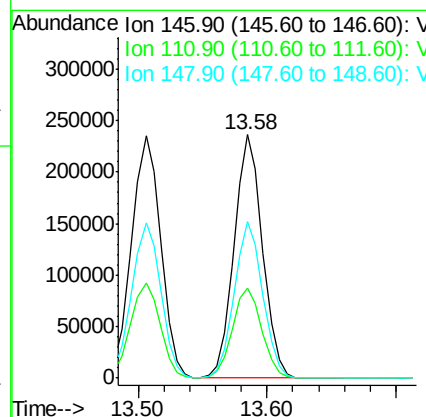
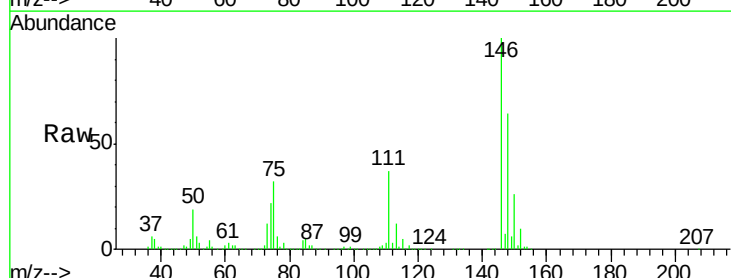
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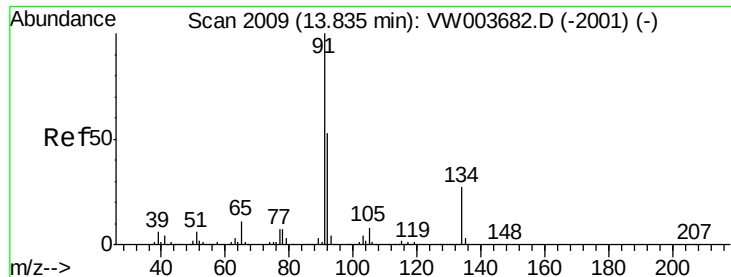
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#88
 1,4-Dichlorobenzene
 Concen: 53.966 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003712.D
 Acq: 05 Jul 2018 10:59

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	363475		
111	38.3	19.3	57.9	
148	64.2	32.3	96.9	





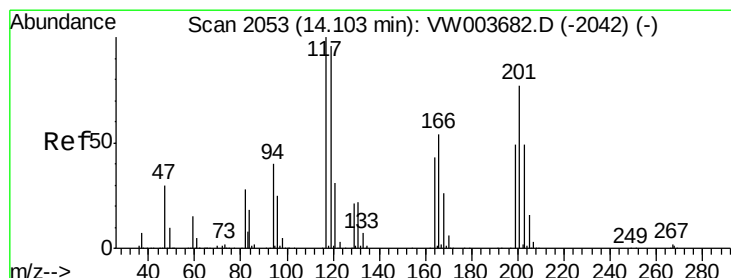
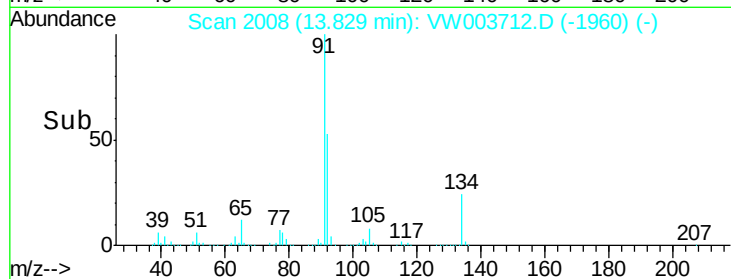
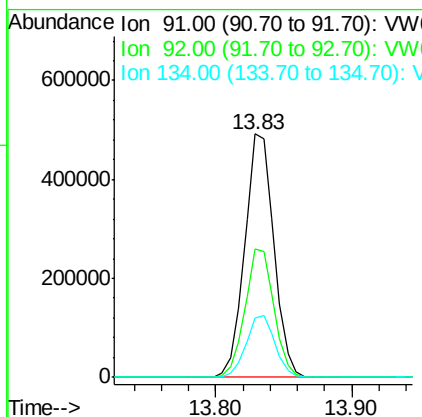
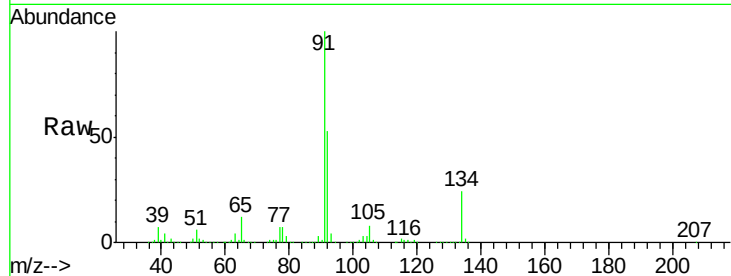
#89
n-Butylbenzene
Concen: 57.929 ug/l
RT: 13.83 min Scan# 2008
Delta R.T. -0.01 min
Lab File: VW003712.D
Acq: 05 Jul 2018 10:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.4	79.2
134	25.2	12.7	38.1

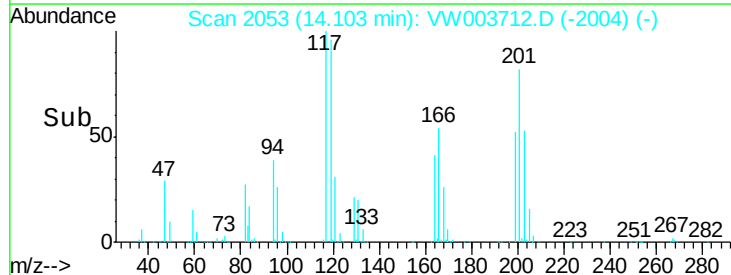
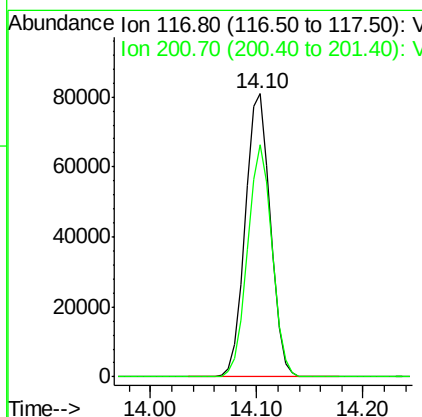
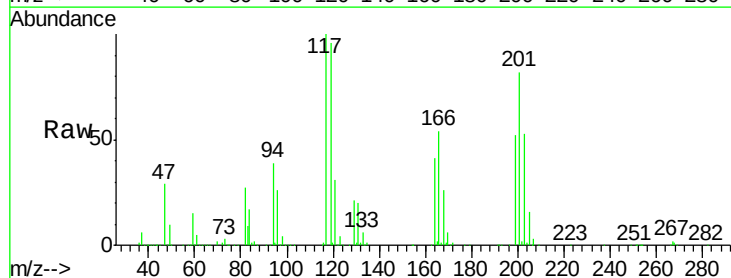
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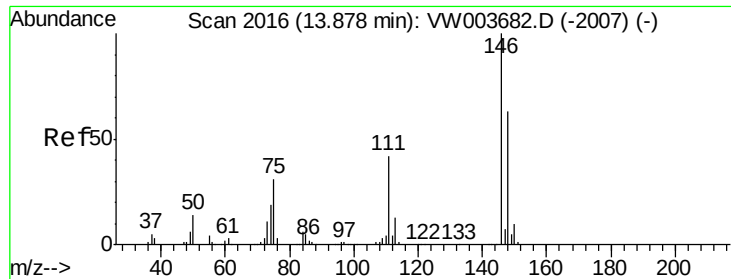
apatel
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#90
Hexachloroethane
Concen: 56.252 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VW003712.D
Acq: 05 Jul 2018 10:59

Tgt Ion	Ratio	Lower	Upper
117	100		
201	80.1	39.1	117.2





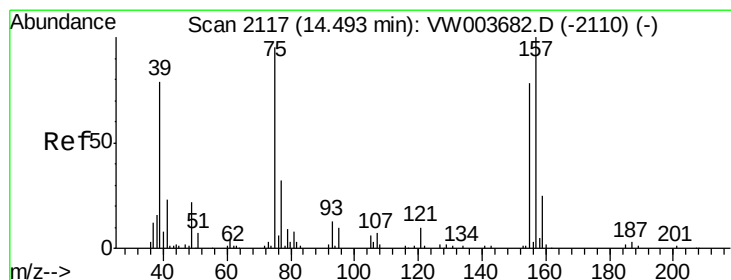
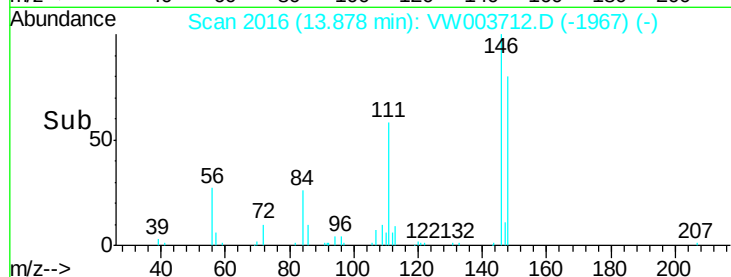
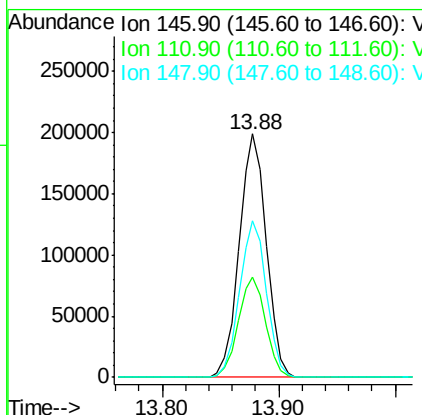
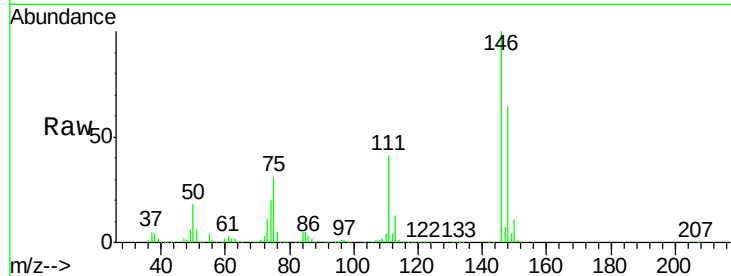
#91
 1,2-Dichlorobenzene
 Concen: 53.379 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003712.D
 Acq: 05 Jul 2018 10:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	41.5	20.6	61.9	
148	63.9	31.9	95.7	

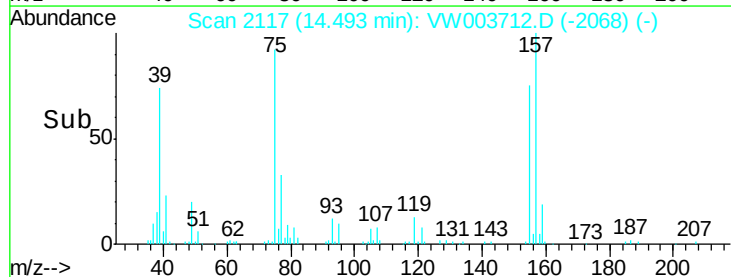
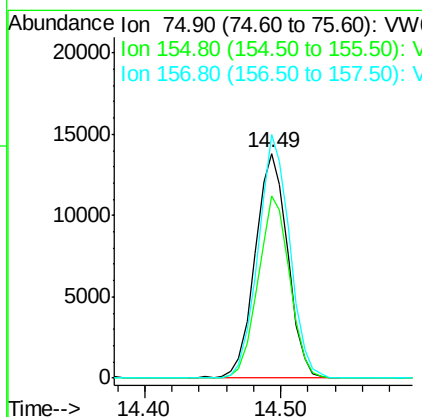
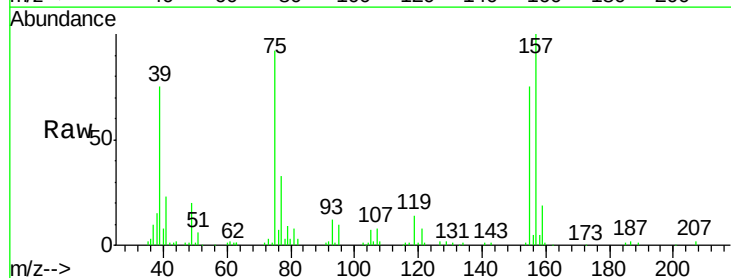
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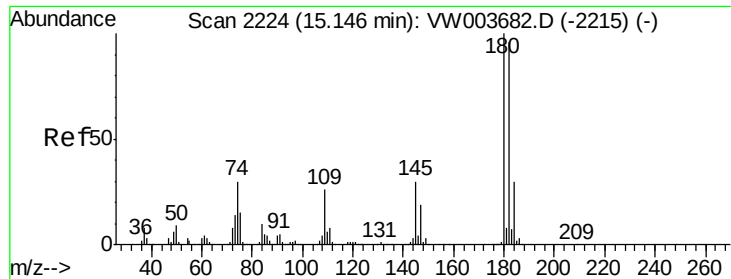
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.162 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW003712.D
 Acq: 05 Jul 2018 10:59

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
155	78.5	40.2	120.6	
157	104.4	50.7	152.3	





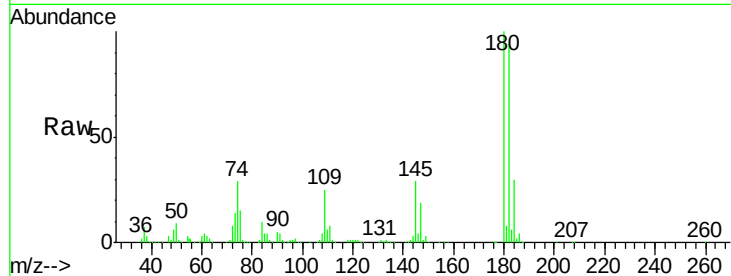
#93
 1,2,4-Trichlorobenzene
 Concen: 54.444 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003712.D
 Acq: 05 Jul 2018 10:59

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

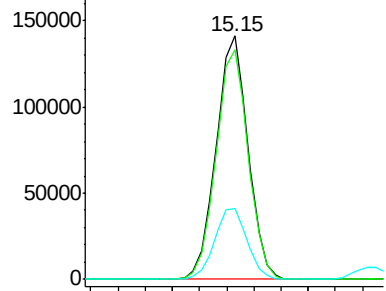
Tot Ion	Ratio	Resp	Lower	Upper
180	100	231352		
182	95.3	47.6	142.8	
145	29.9	14.9	44.5	

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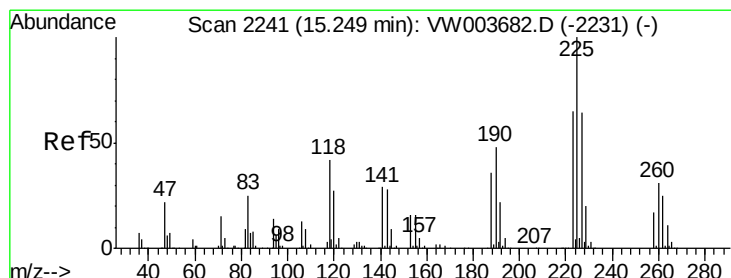
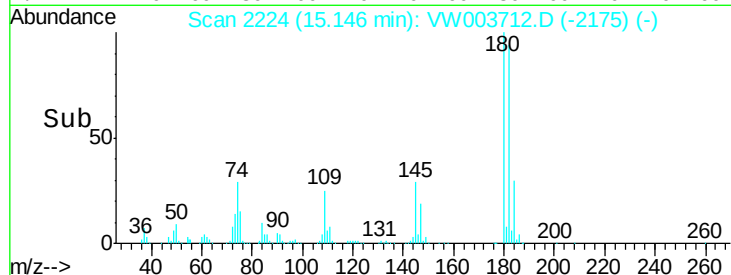
apatel
 7/6/2018 10:01:00 AM



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

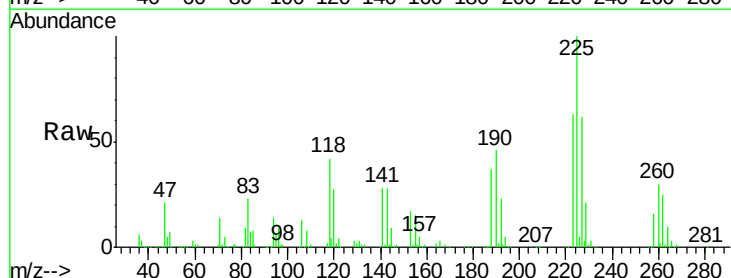


Time-->

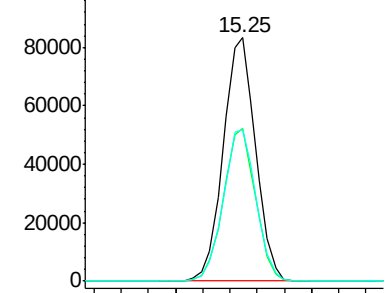


#94
 Hexachlorobutadiene
 Concen: 56.500 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW003712.D
 Acq: 05 Jul 2018 10:59

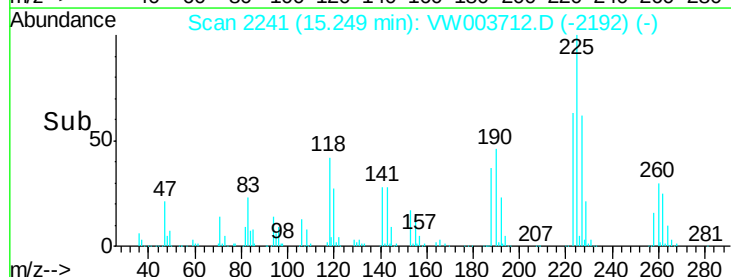
Tgt Ion	Ratio	Resp	Lower	Upper
225	100	138664		
223	62.3	32.0	96.2	
227	63.1	31.9	95.7	

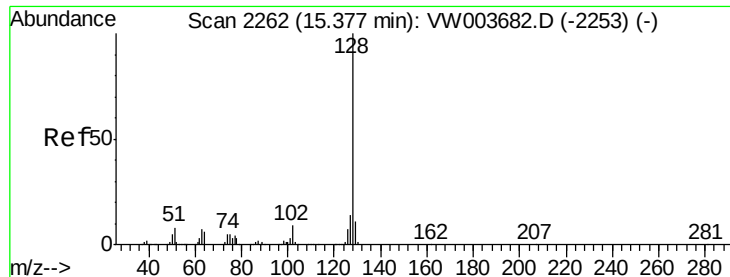


Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V



Time-->





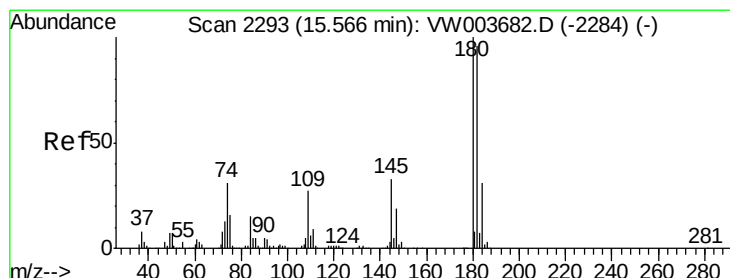
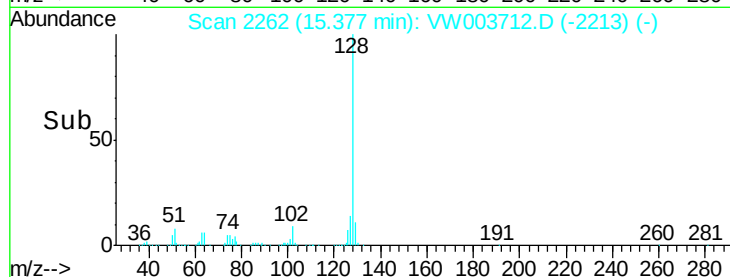
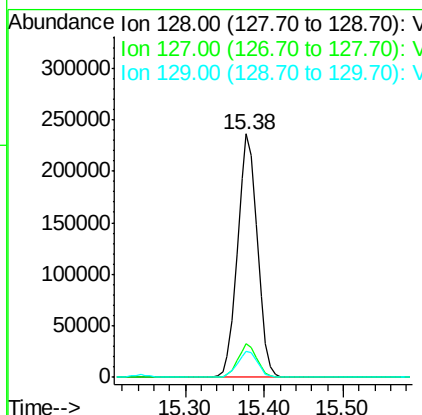
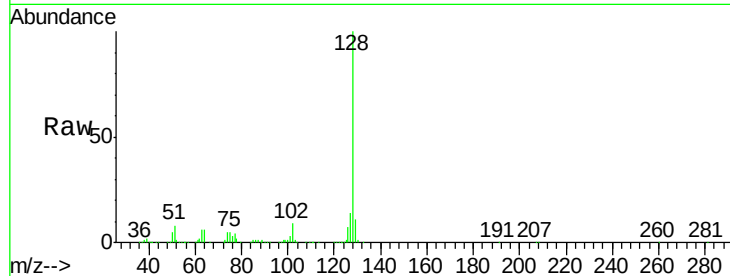
#95
Naphthalene
Concen: 53.211 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW003712.D
Acq: 05 Jul 2018 10:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.6	15.8
129	11.0	8.8	13.2

Manual Integrations
APPROVED

apatel
7/6/2018 10:01:00 AM



#96
1,2,3-Trichlorobenzene
Concen: 53.531 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW003712.D
Acq: 05 Jul 2018 10:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.8	143.3
145	31.9	15.9	47.7

