

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070918\
 Data File : VW003770.D
 Acq On : 09 Jul 2018 12:07
 Operator : SY/AP
 Sample : VW0709SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBS01

Manual Integrations
 APPROVED

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 7/10/2018 10:47:12 AM

Quant Time: Jul 09 13:49:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	250972	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	392400	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	363919	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	192671	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	146160	44.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.06%	
35) Dibromofluoromethane	7.88	113	129674	47.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.44%	
50) Toluene-d8	10.32	98	518792	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
62) 4-Bromofluorobenzene	12.62	95	187331	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	28830	23.620	ug/l	98
3) Chloromethane	2.21	50	46045	19.871	ug/l	95
4) Vinyl Chloride	2.36	62	62114	20.323	ug/l	98
5) Bromomethane	2.76	94	39019	18.086	ug/l	98
6) Chloroethane	2.92	64	33661	18.365	ug/l	99
7) Trichlorofluoromethane	3.25	101	27785	22.504	ug/l	95
8) Diethyl Ether	3.67	74	21846	17.265	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	43434	18.089	ug/l	98
10) Methyl Iodide	4.26	142	62029	17.355	ug/l	100
11) Tert butyl alcohol	5.18	59	19542	109.872	ug/l	95
12) 1,1-Dichloroethene	4.02	96	41533	17.617	ug/l	89
13) Acrolein	3.89	56	20193	75.789	ug/l	98
14) Allyl chloride	4.65	41	89982	21.953	ug/l	100
15) Acrylonitrile	5.36	53	61668	97.322	ug/l	99
16) Acetone	4.12	43	51448	90.352	ug/l	97
17) Carbon Disulfide	4.37	76	143346	18.546	ug/l	99
18) Methyl Acetate	4.66	43	30011	18.694	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	94143	19.324	ug/l	97
20) Methylene Chloride	4.90	84	60354	19.034	ug/l	98
21) trans-1,2-Dichloroethene	5.41	96	57676	20.664	ug/l	98
22) Diisopropyl ether	6.31	45	176678	19.606	ug/l	99
23) Vinyl Acetate	6.25	43	530797	96.492	ug/l	99
24) 1,1-Dichloroethane	6.21	63	107527	19.729	ug/l	100
25) 2-Butanone	7.17	43	85980	96.405	ug/l	98
26) 2,2-Dichloropropane	7.17	77	64800	21.921	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	60625	19.642	ug/l	98
28) Bromochloromethane	7.51	49	45001	18.535	ug/l	98
29) Tetrahydrofuran	7.53	42	53826	93.883	ug/l	100
30) Chloroform	7.67	83	107516	19.338	ug/l	100
31) Cyclohexane	7.95	56	100144	20.910	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	86932	20.544	ug/l	99
36) 1,1-Dichloropropene	8.08	75	88204	21.185	ug/l	100
37) Ethyl Acetate	7.26	43	36977	18.252	ug/l	98
38) Carbon Tetrachloride	8.06	117	82795	20.915	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	98967	21.703	ug/l	97
40) Benzene	8.32	78	242690	20.389	ug/l	98
41) Methacrylonitrile	7.48	41	21113	18.117	ug/l	97
42) 1,2-Dichloroethane	8.40	62	73871	19.176	ug/l	99
43) Isopropyl Acetate	8.42	43	69602	18.128	ug/l	98
44) Trichloroethene	9.09	130	62813	20.932	ug/l	96
45) 1,2-Dichloropropane	9.37	63	61327	19.815	ug/l	96
46) Dibromomethane	9.46	93	30856	18.961	ug/l	99
47) Bromodichloromethane	9.65	83	77769	19.425	ug/l	98
48) Methyl methacrylate	9.44	41	33515	18.329	ug/l	96
49) 1,4-Dioxane	9.45	88	9220	379.081	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	184235	92.726	ug/l	99
52) Toluene	10.39	92	153932	20.856	ug/l	97
53) t-1,3-Dichloropropene	10.61	75	79217	19.817	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	90365	20.026	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	43194	19.111	ug/l	96
56) Ethyl methacrylate	10.65	69	51194	18.561	ug/l	97
57) 1,3-Dichloropropane	10.93	76	76563	19.435	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	113258	87.050	ug/l	99
59) 2-Hexanone	10.98	43	127519	93.464	ug/l	99
60) Dibromochloromethane	11.13	129	49654	18.820	ug/l	99
61) 1,2-Dibromoethane	11.24	107	41188	19.056	ug/l	100
64) Tetrachloroethene	10.86	164	52900	19.652	ug/l	98
65) Chlorobenzene	11.66	112	164150	20.461	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	56793	20.258	ug/l	98
67) Ethyl Benzene	11.73	91	289293	21.089	ug/l	100
68) m/p-Xylenes	11.84	106	223277	42.505	ug/l	99
69) o-Xylene	12.17	106	101017	20.841	ug/l	100
70) Styrene	12.18	104	170981	20.744	ug/l	100
71) Bromoform	12.35	173	29805	19.264	ug/l #	98
73) Isopropylbenzene	12.47	105	282361	21.640	ug/l	100
74) N-amyl acetate	12.28	43	64936	18.360	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	51763	19.569	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	34202m	18.077	ug/l	
77) Bromobenzene	12.75	156	67858	20.948	ug/l	95
78) n-propylbenzene	12.81	91	354885	21.666	ug/l	100
79) 2-Chlorotoluene	12.90	91	198940	21.141	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	241760	21.497	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	15959	20.634	ug/l	98
82) 4-Chlorotoluene	12.99	91	215282	21.275	ug/l	100
83) tert-Butylbenzene	13.21	119	203811	21.975	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	249321	21.340	ug/l	99
85) sec-Butylbenzene	13.39	105	299219	21.566	ug/l	99
86) p-Isopropyltoluene	13.51	119	263953	21.772	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	136976	20.871	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	135661	20.556	ug/l	99
89) n-Butylbenzene	13.83	91	256277	21.490	ug/l	100
90) Hexachloroethane	14.10	117	48382	20.717	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	123264	20.867	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8562	18.699	ug/l	99

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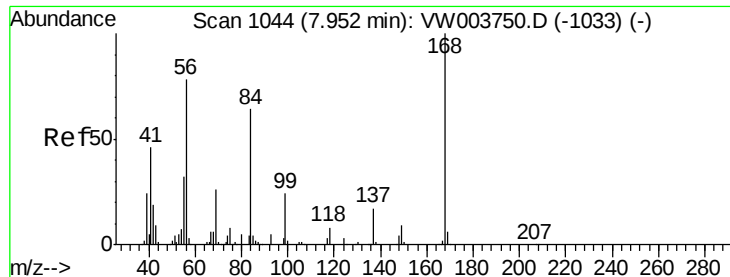
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	84814	21.212	ug/l	99
94) Hexachlorobutadiene	15.24	225	49419	21.608	ug/l	97
95) Naphthalene	15.38	128	142081	19.882	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	74226	20.732	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VW003770.D

Acq: 09 Jul 2018 12:07

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBS01

Tot Ion:168 Resp: 250972

Ion Ratio Lower Upper

168 100

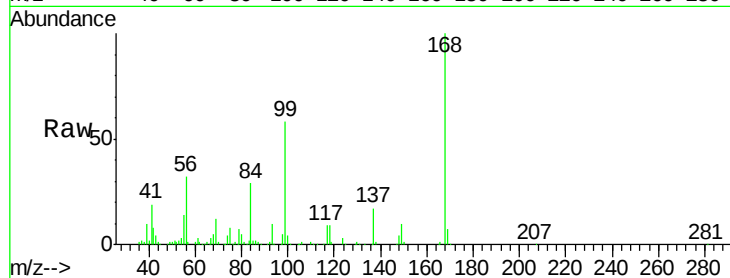
99 57.8 45.0 67.6

Manual Integrations

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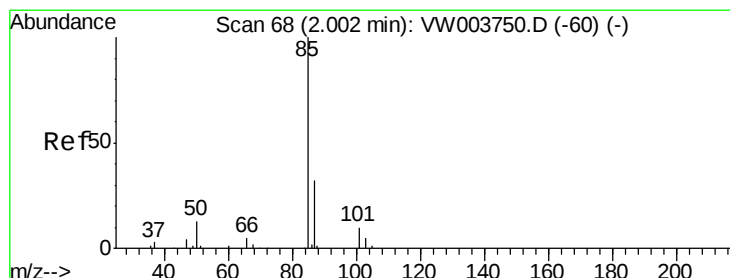
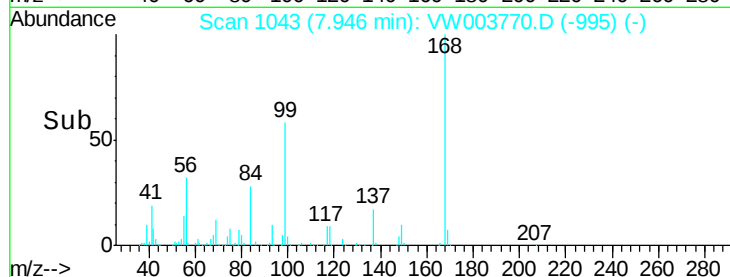
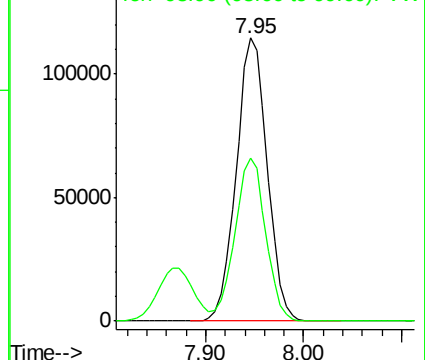
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 23.620 ug/l

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW003770.D

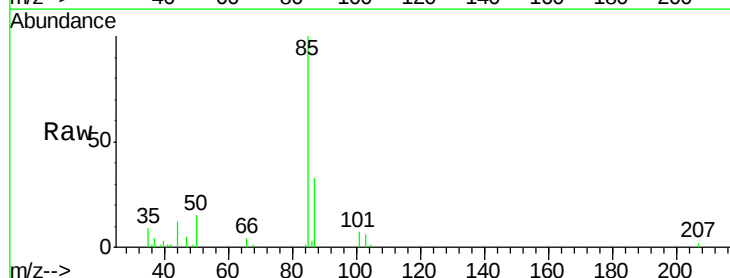
Acq: 09 Jul 2018 12:07

Tgt Ion: 85 Resp: 28830

Ion Ratio Lower Upper

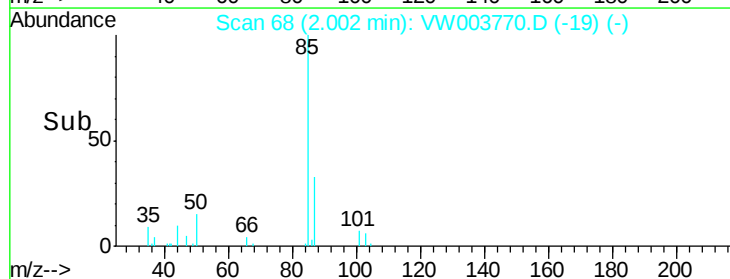
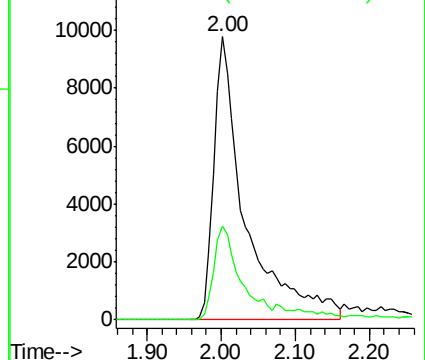
85 100

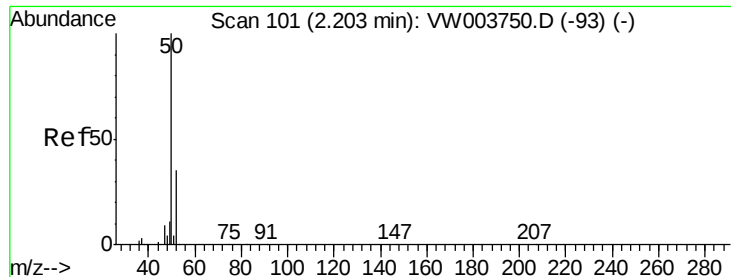
87 33.2 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 19.871 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.01 min

Lab File: VW003770.D

Acq: 09 Jul 2018 12:07

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBS01

Tot Ion: 50 Resp: 46045

Ion Ratio Lower Upper

50 100

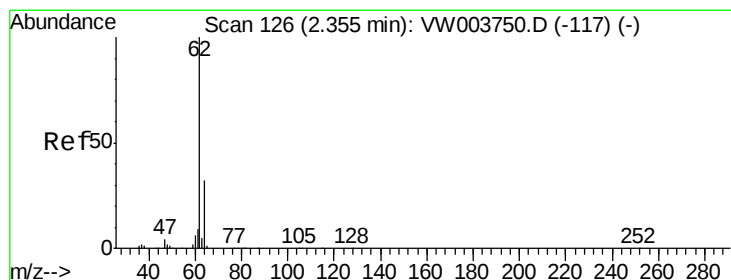
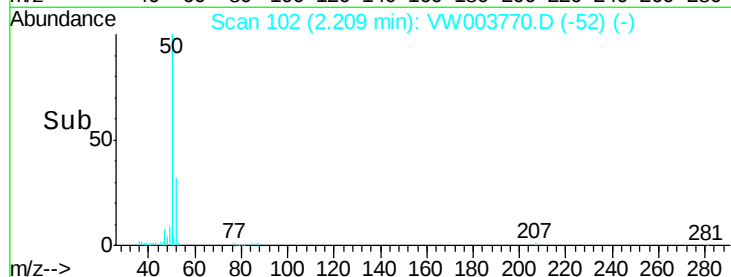
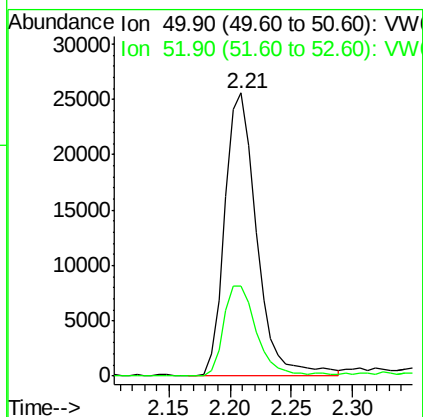
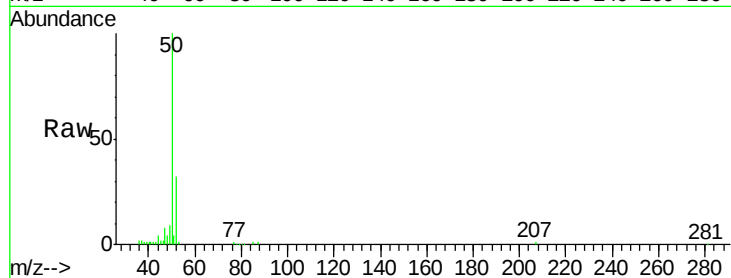
52 31.8 27.8 41.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.323 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW003770.D

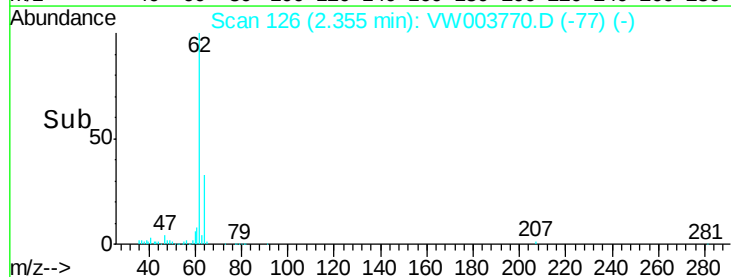
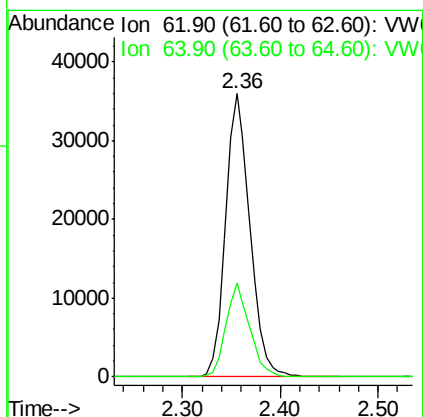
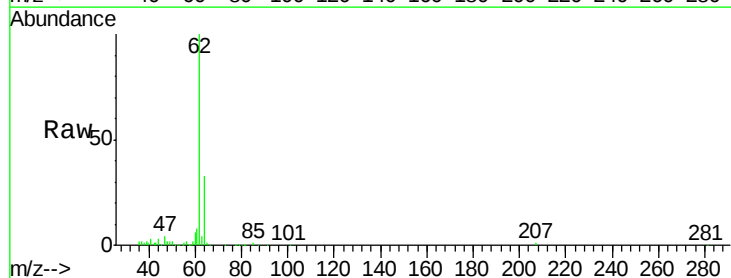
Acq: 09 Jul 2018 12:07

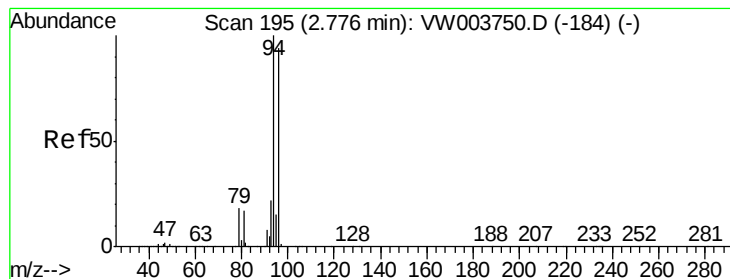
Tgt Ion: 62 Resp: 62114

Ion Ratio Lower Upper

62 100

64 33.1 25.8 38.8





#5

Bromomethane

Concen: 18.086 ug/l

RT: 2.76 min Scan# 193

Delta R.T. -0.01 min

Lab File: VW003770.D

Acq: 09 Jul 2018 12:07

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBS01

Tot Ion: 94 Resp: 39019

Ion Ratio Lower Upper

94 100

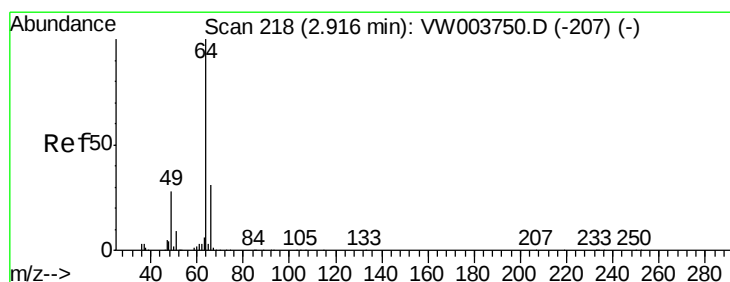
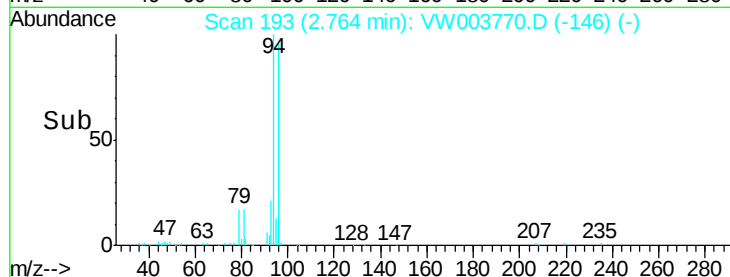
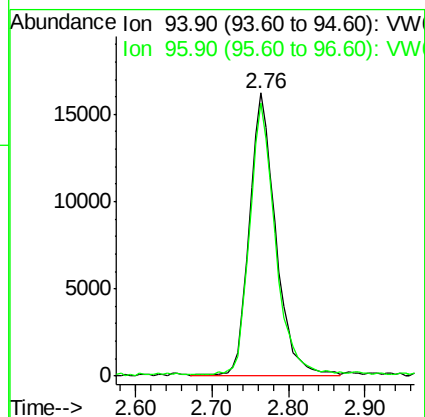
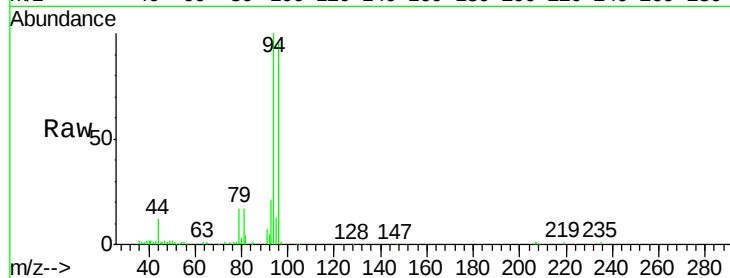
96 95.9 74.8 112.2

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#6

Chloroethane

Concen: 18.365 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.00 min

Lab File: VW003770.D

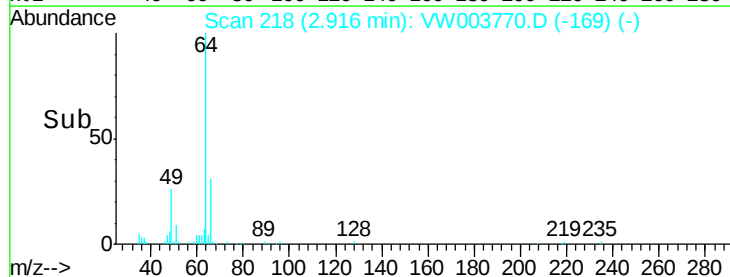
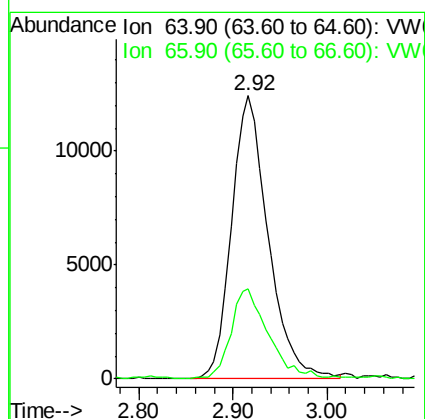
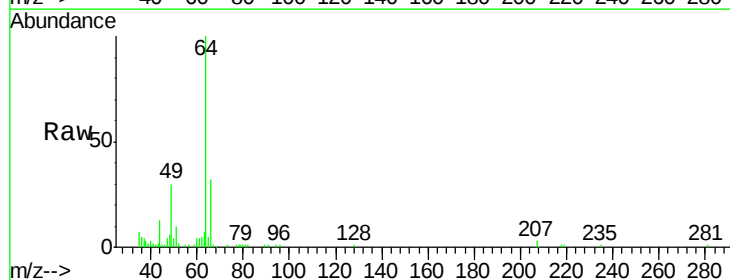
Acq: 09 Jul 2018 12:07

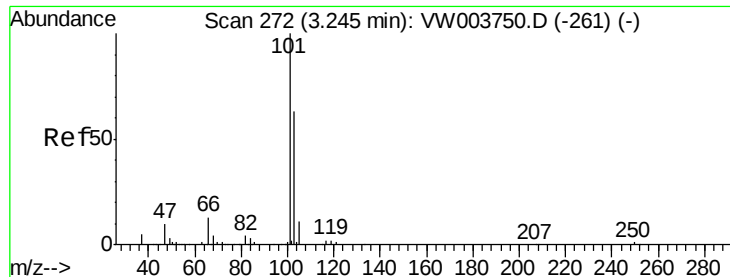
Tgt Ion: 64 Resp: 33661

Ion Ratio Lower Upper

64 100

66 31.9 25.1 37.7





#7

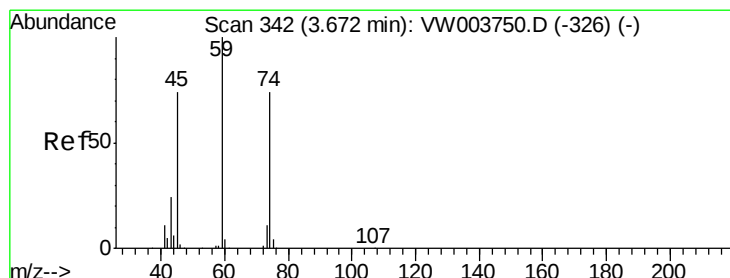
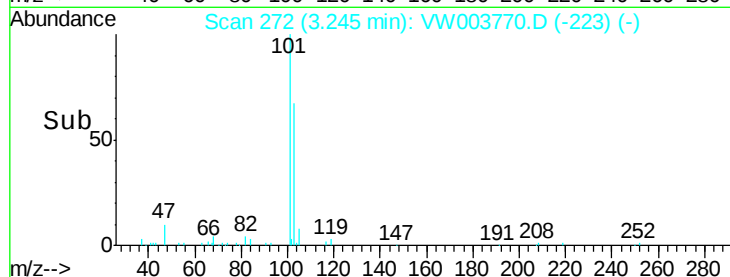
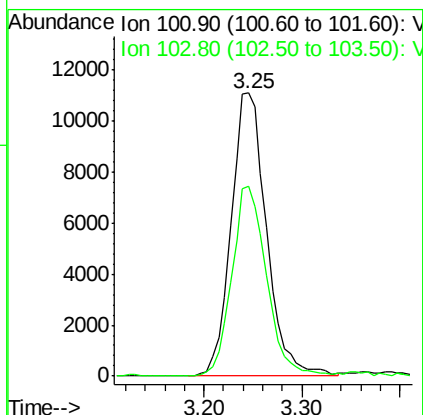
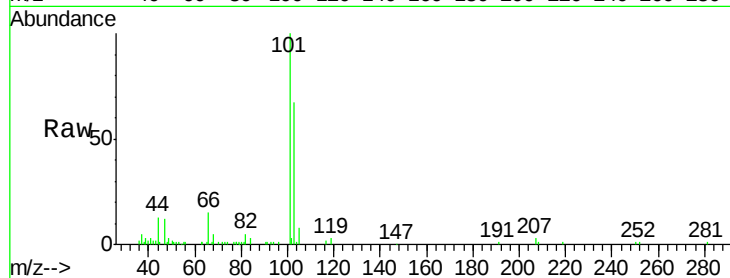
Trichlorofluoromethane
Concen: 22.504 ug/l
RT: 3.25 min Scan# 272
Delta R.T. -0.00 min
Lab File: VW003770.D
Acq: 09 Jul 2018 12:07

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VW0709SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	67.0	50.7	76.1

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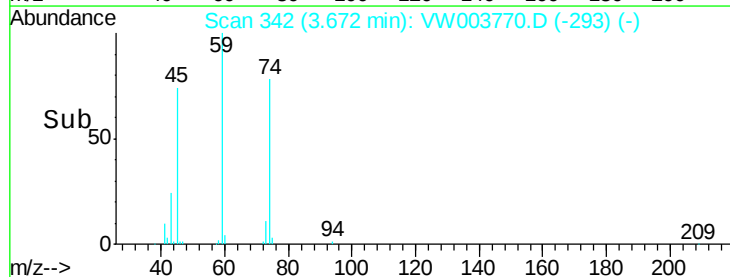
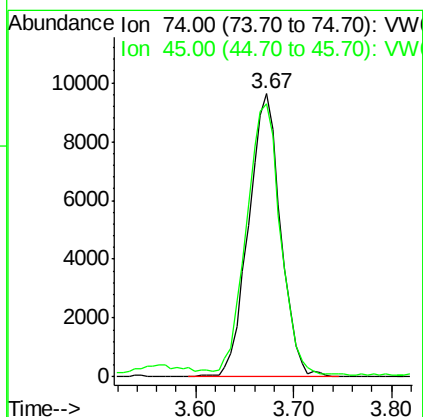
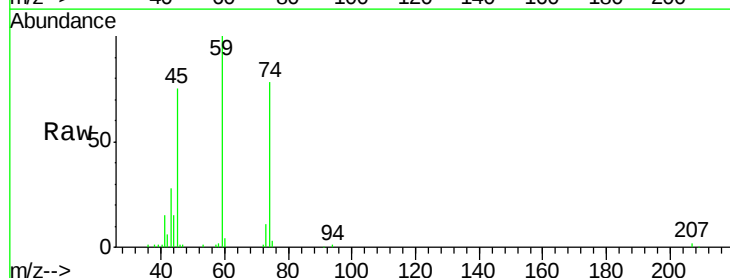
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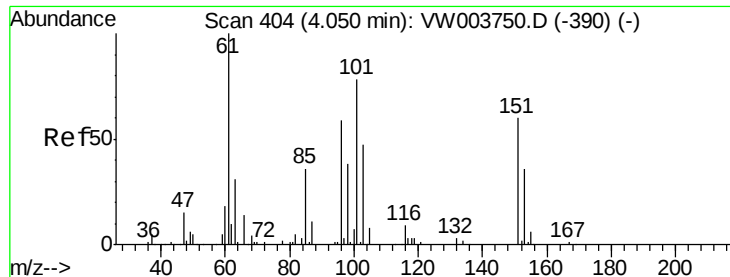


#8

Diethyl Ether
Concen: 17.265 ug/l
RT: 3.67 min Scan# 342
Delta R.T. -0.00 min
Lab File: VW003770.D
Acq: 09 Jul 2018 12:07

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.8	52.4	157.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.089 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.01 min

Lab File: VW003770.D

Acq: 09 Jul 2018 12:07

Instrument :

MSVOA_W

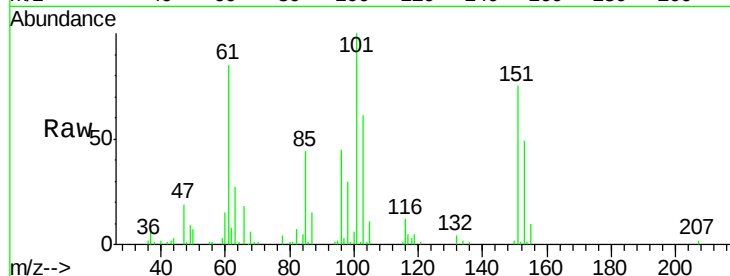
ClientSampleId :

VW0709SBS01

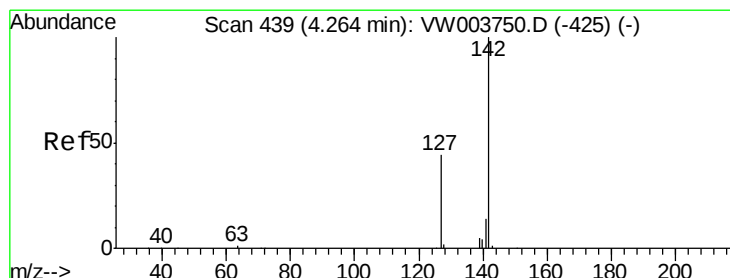
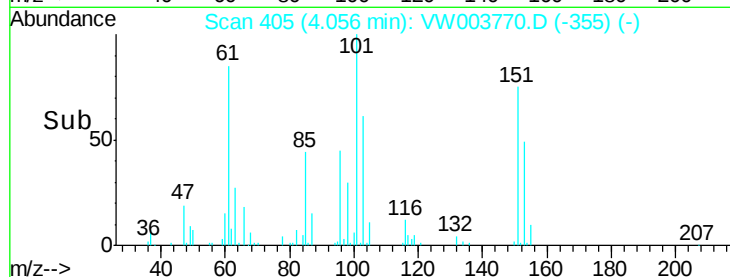
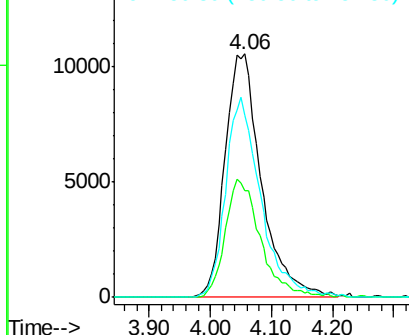
Tot Ion:	101	Resp:	43434
Ion Ratio	Lower	Upper	
101	100		
85	46.9	37.1	55.7
151	79.6	62.3	93.5

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.355 ug/l

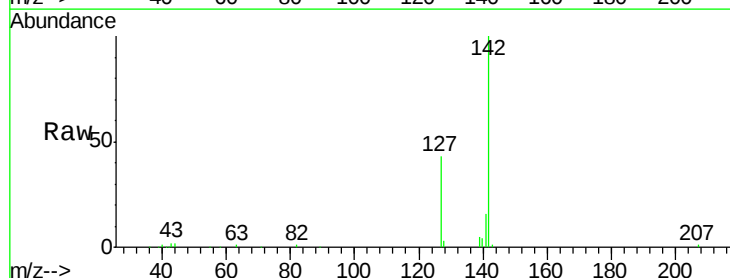
RT: 4.26 min Scan# 438

Delta R.T. -0.01 min

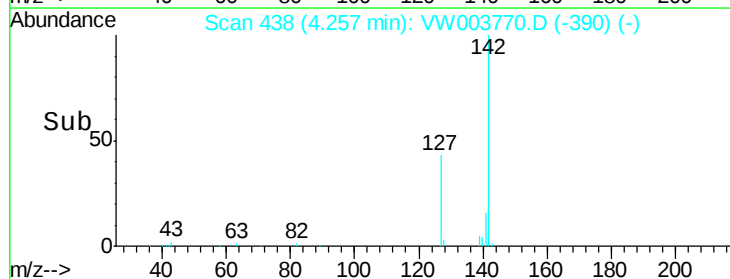
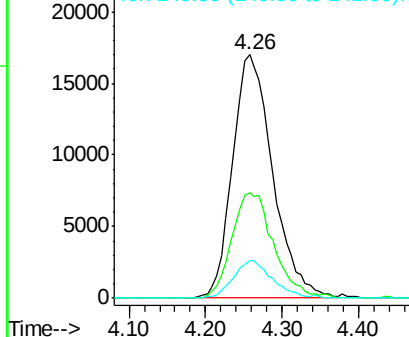
Lab File: VW003770.D

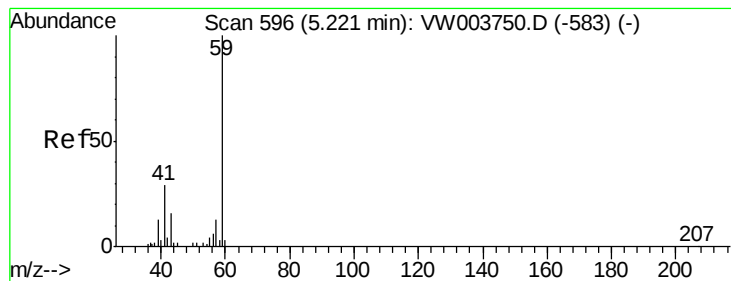
Acq: 09 Jul 2018 12:07

Tgt Ion:	142	Resp:	62029
Ion Ratio	Lower	Upper	
142	100		
127	45.0	36.1	54.1
141	15.0	11.6	17.4



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

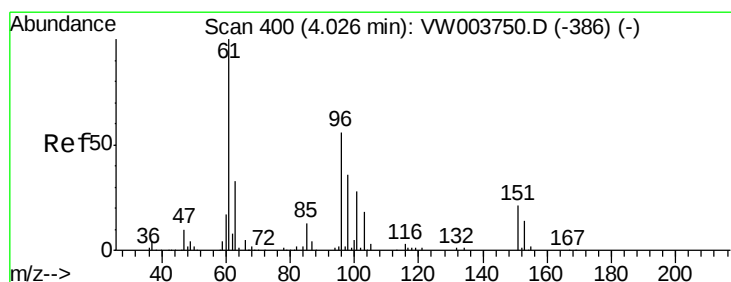
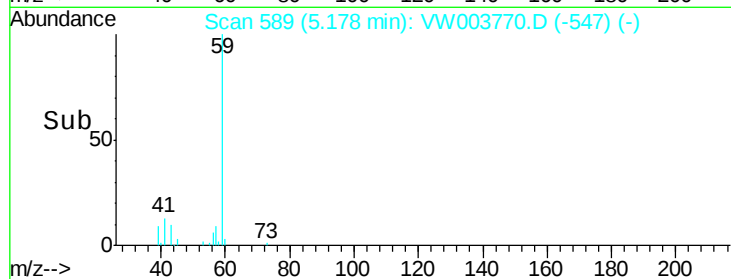
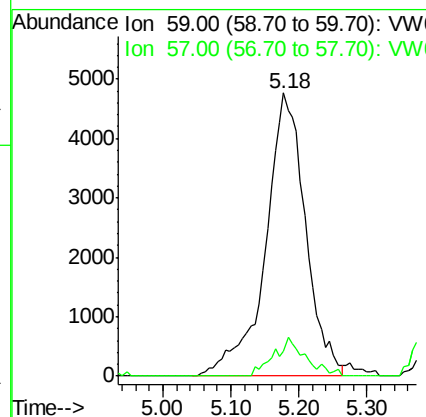
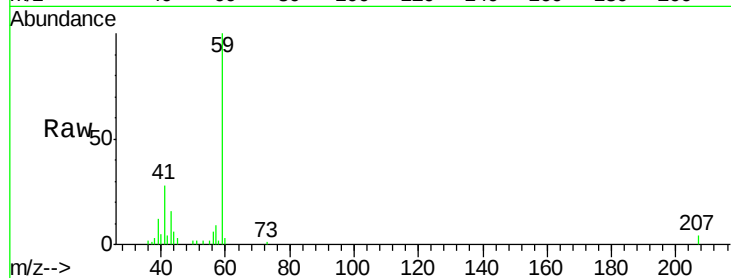
Tert butyl alcohol
Concen: 109.872 ug/l
RT: 5.18 min Scan# 589
Delta R.T. -0.04 min
Lab File: VW003770.D
Acq: 09 Jul 2018 12:07

Instrument :
MSVOA_W
ClientSampled :
VW0709SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.7	9.3	13.9

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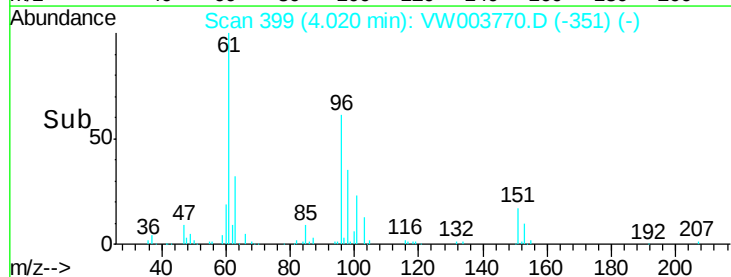
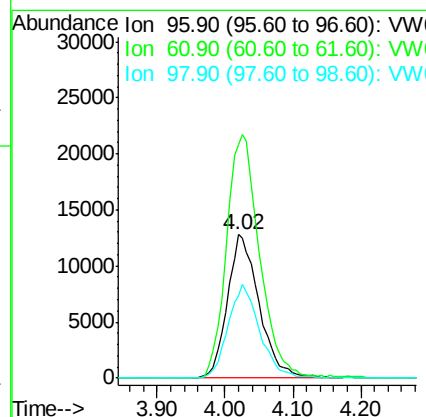
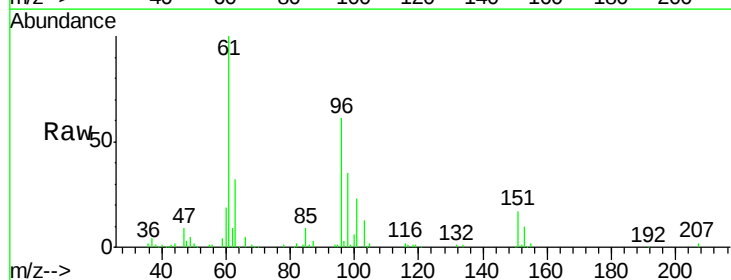
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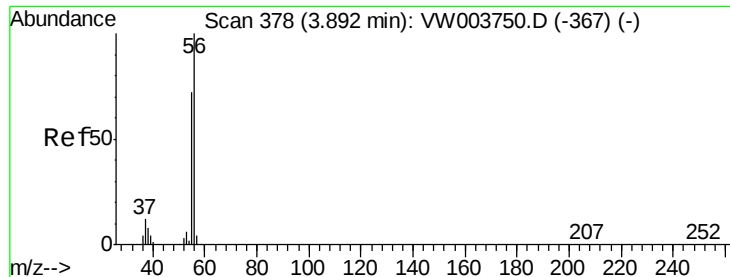


#12

1,1-Dichloroethene
Concen: 17.617 ug/l
RT: 4.02 min Scan# 399
Delta R.T. -0.01 min
Lab File: VW003770.D
Acq: 09 Jul 2018 12:07

Tgt Ion	Ratio	Lower	Upper
96	100		
61	163.2	143.2	214.8
98	57.0	51.4	77.0





#13

Acrolein

Concen: 75.789 ug/l

RT: 3.89 min Scan# 377

Delta R.T. -0.01 min

Lab File: VW003770.D

Acq: 09 Jul 2018 12:07

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBS01

Tot Ion: 56 Resp: 20193

Ion Ratio Lower Upper

56 100

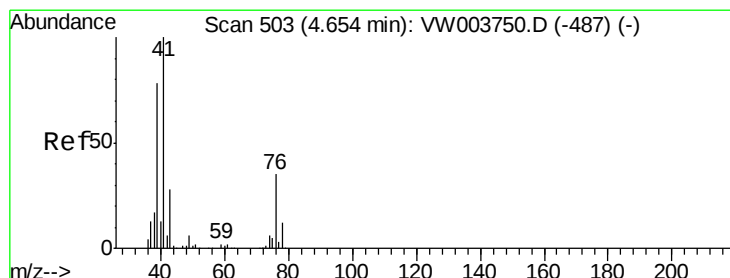
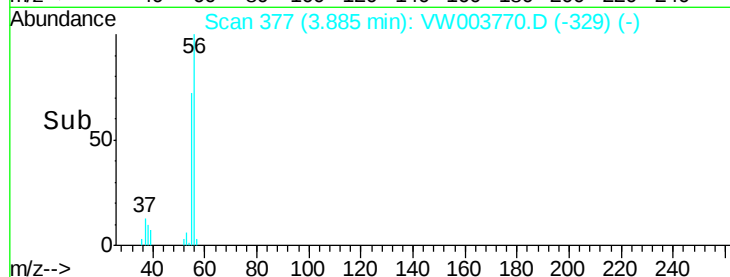
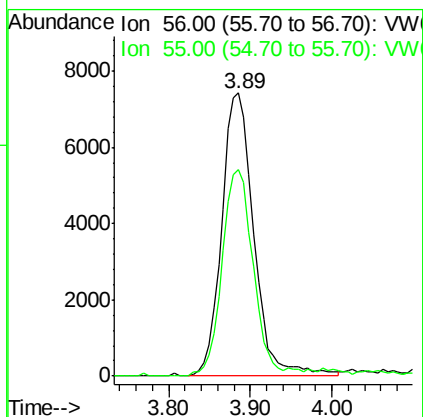
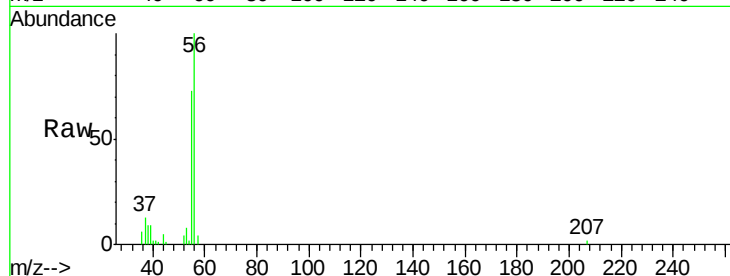
55 69.9 57.5 86.3

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#14

Allyl chloride

Concen: 21.953 ug/l

RT: 4.65 min Scan# 503

Delta R.T. -0.00 min

Lab File: VW003770.D

Acq: 09 Jul 2018 12:07

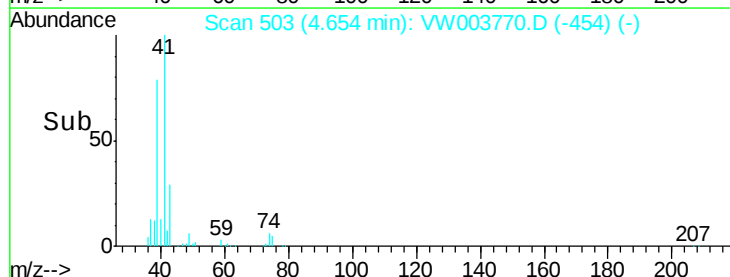
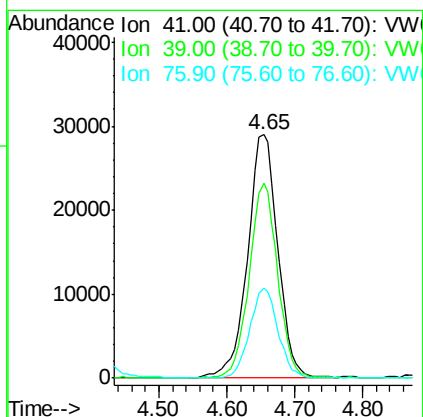
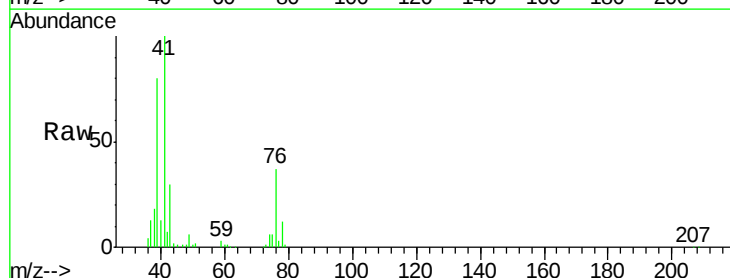
Tgt Ion: 41 Resp: 89982

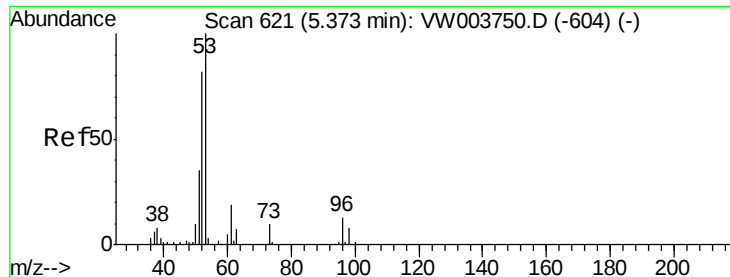
Ion Ratio Lower Upper

41 100

39 75.8 60.9 91.3

76 34.6 27.5 41.3





#15

Acrylonitrile

Concen: 97.322 ug/l

RT: 5.36 min Scan# 619

Delta R.T. -0.01 min

Lab File: VW003770.D

Acq: 09 Jul 2018 12:07

Instrument :

MSVOA_W

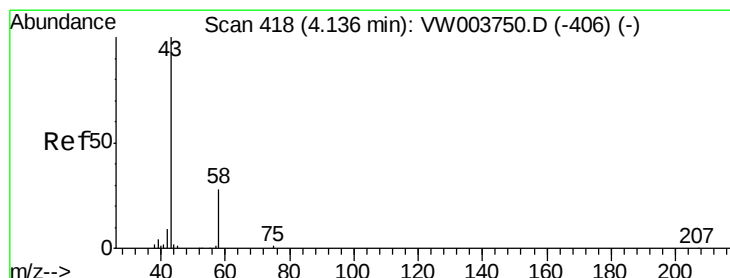
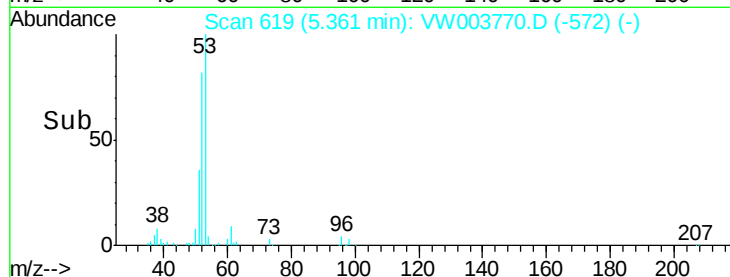
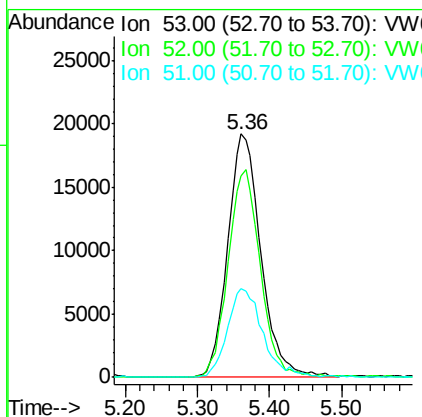
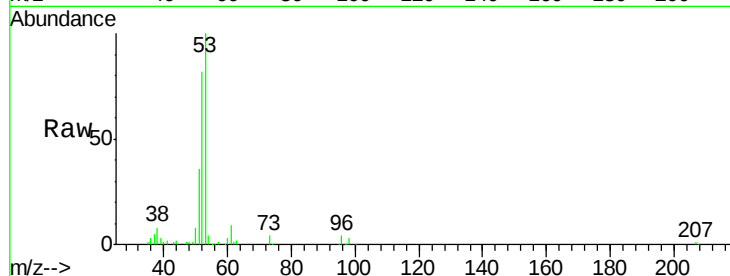
ClientSampleId :

VW0709SBS01

Tot Ion:	53	Resp:	61668
Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.2	99.2
51	38.6	30.2	45.4

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#16

Acetone

Concen: 90.352 ug/l

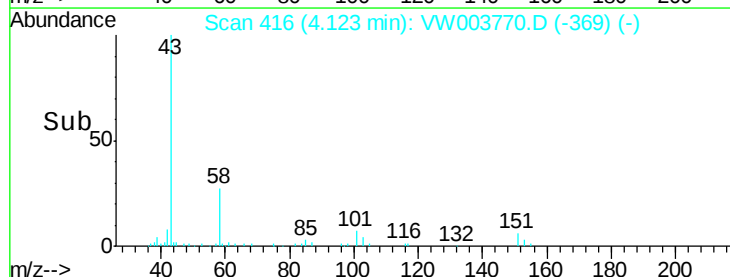
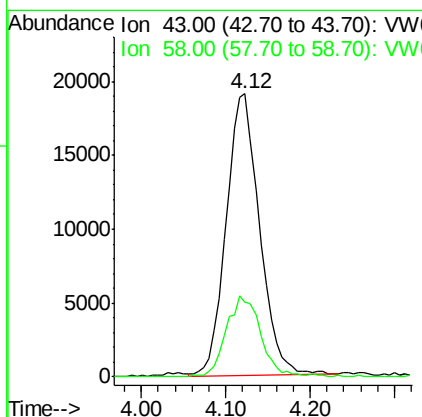
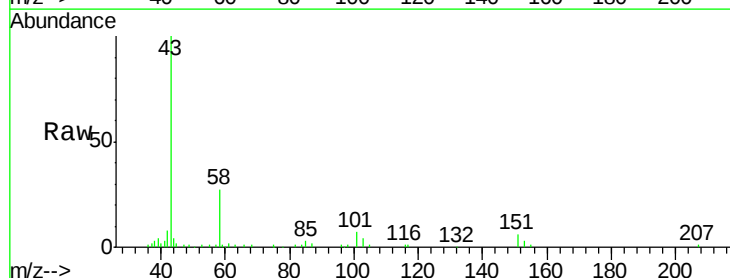
RT: 4.12 min Scan# 416

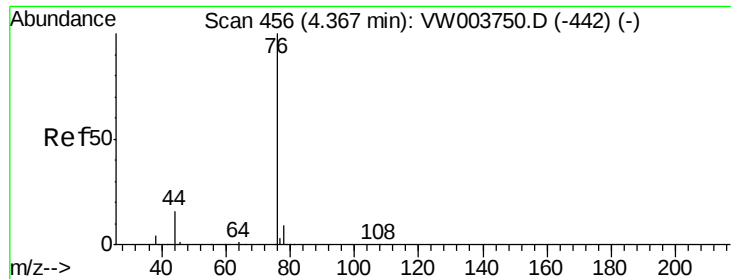
Delta R.T. -0.01 min

Lab File: VW003770.D

Acq: 09 Jul 2018 12:07

Tgt Ion:	43	Resp:	51448
Ion	Ratio	Lower	Upper
43	100		
58	26.8	22.6	34.0





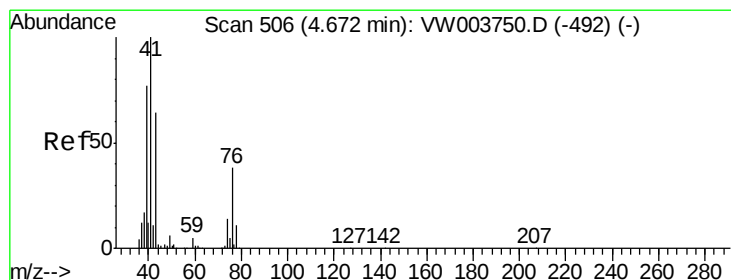
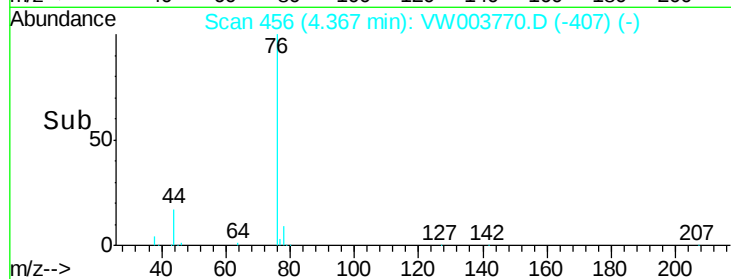
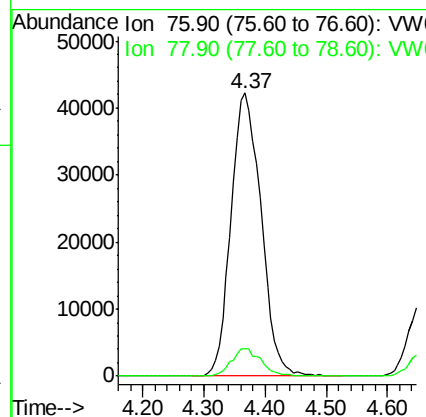
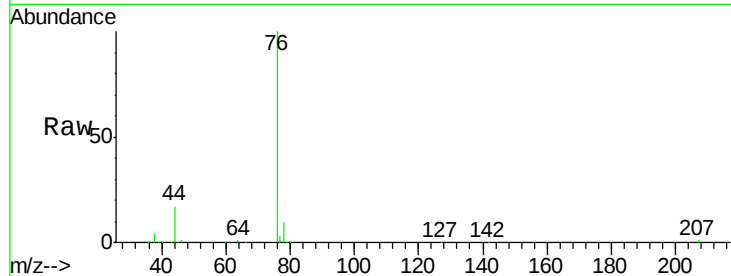
#17
Carbon Disulfide
Concen: 18.546 ug/l
RT: 4.37 min Scan# 456
Delta R.T. -0.00 min
Lab File: VW003770.D
Acq: 09 Jul 2018 12:07

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.4	11.2

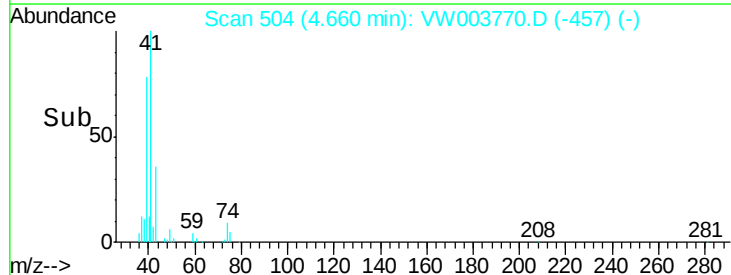
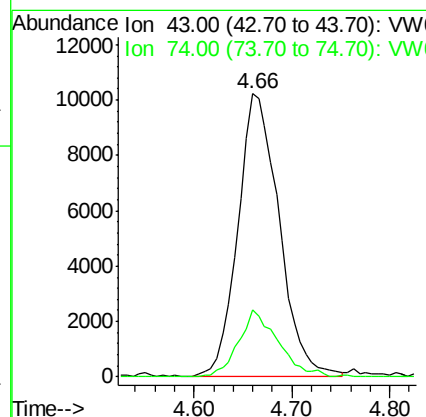
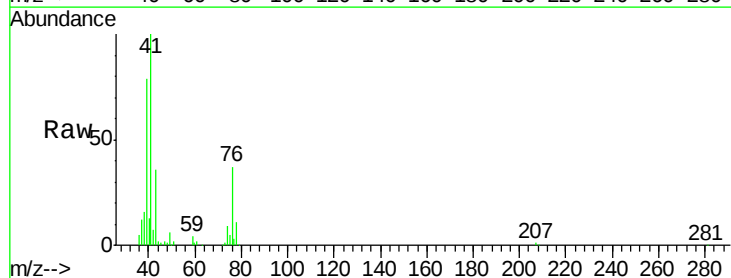
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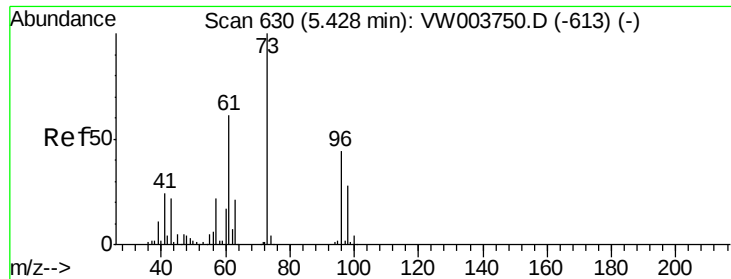
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#18
Methyl Acetate
Concen: 18.694 ug/l
RT: 4.66 min Scan# 504
Delta R.T. -0.01 min
Lab File: VW003770.D
Acq: 09 Jul 2018 12:07

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.5	17.3	25.9





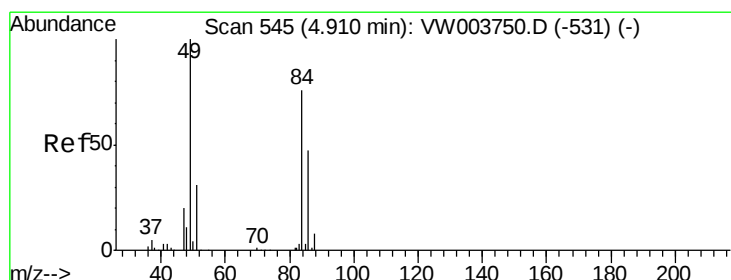
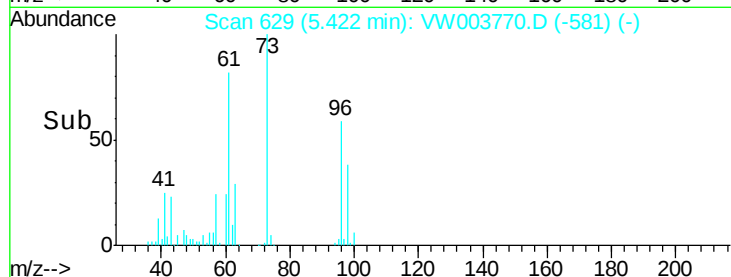
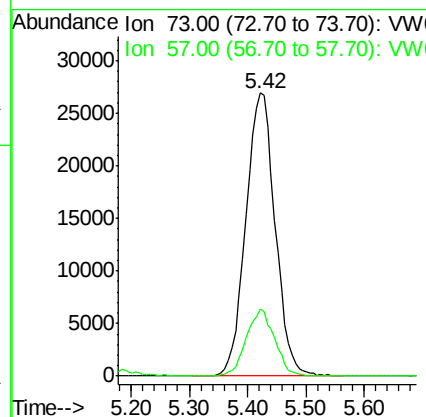
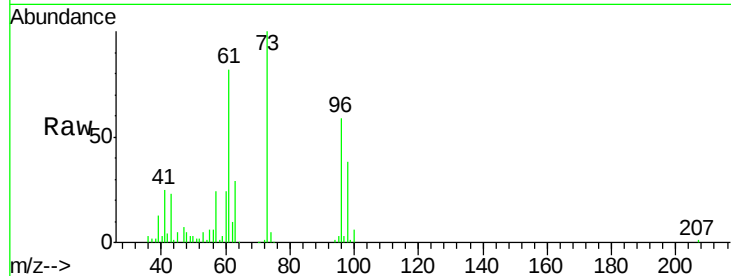
#19
Methvl tert-butvl Ether
Concen: 19.324 ug/l
RT: 5.42 min Scan# 629
Delta R.T. -0.01 min
Lab File: VW003770.D
Acq: 09 Jul 2018 12:07

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

Tot Ion: 73 Resp: 94143
Ion Ratio Lower Upper
73 100
57 23.7 17.9 26.9

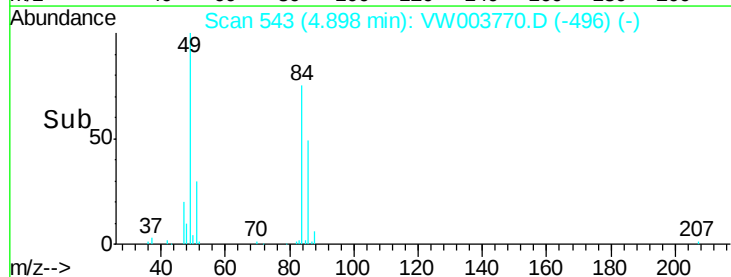
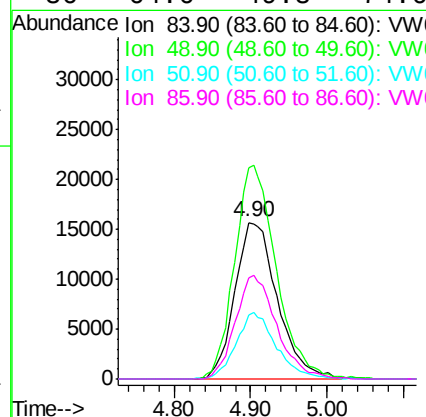
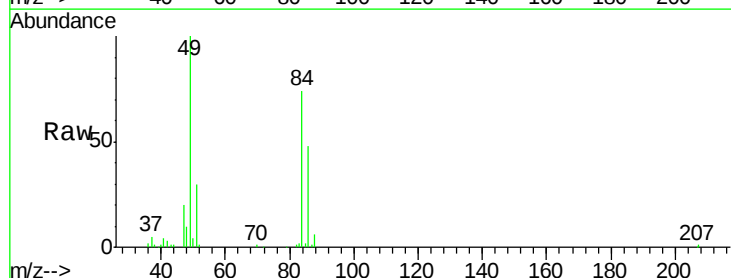
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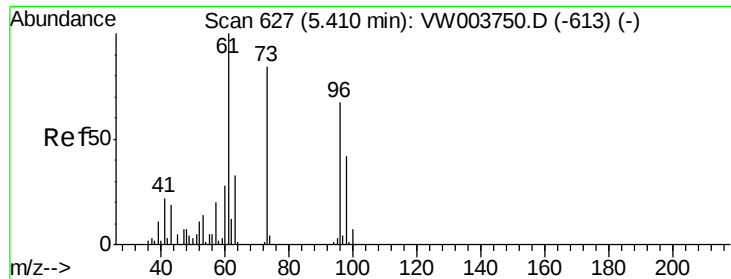
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#20
Methylene Chloride
Concen: 19.034 ug/l
RT: 4.90 min Scan# 543
Delta R.T. -0.01 min
Lab File: VW003770.D
Acq: 09 Jul 2018 12:07

Tgt Ion: 84 Resp: 60354
Ion Ratio Lower Upper
84 100
49 134.8 105.1 157.7
51 40.6 32.5 48.7
86 64.6 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 20.664 ug/l

RT: 5.41 min Scan# 627

Delta R.T. -0.00 min

Lab File: VW003770.D

Acq: 09 Jul 2018 12:07

Instrument :

MSVOA_W

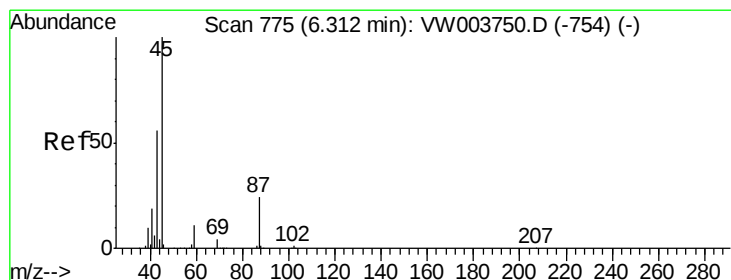
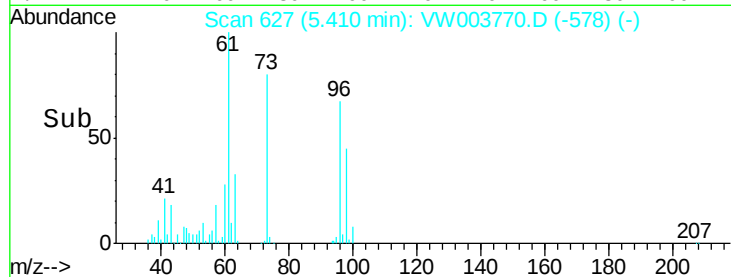
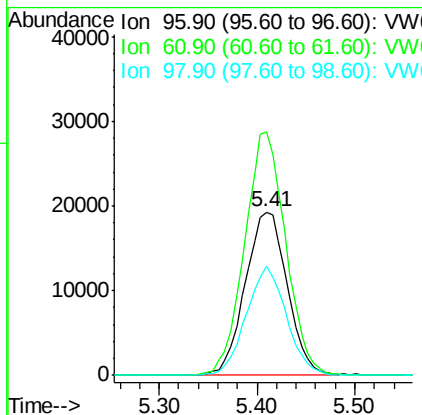
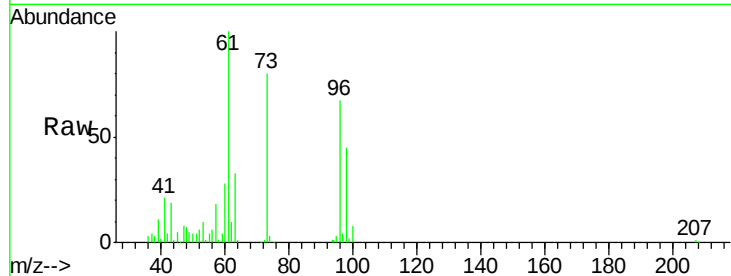
ClientSampleId :

VW0709SBS01

Tot Ion:	96	Resp:	57676
Ion	Ratio	Lower	Upper
96	100		
61	149.3	119.0	178.6
98	67.0	49.8	74.8

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#22

Diisopropyl ether

Concen: 19.606 ug/l

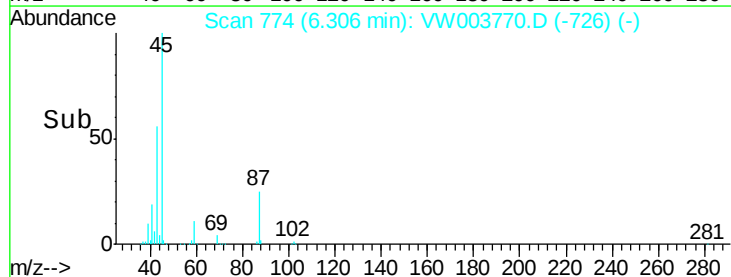
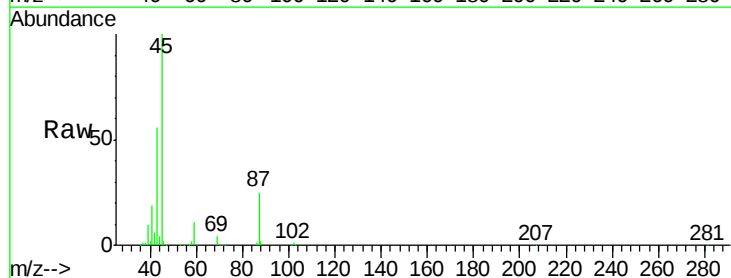
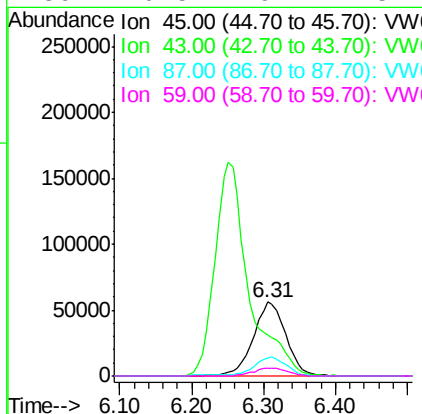
RT: 6.31 min Scan# 774

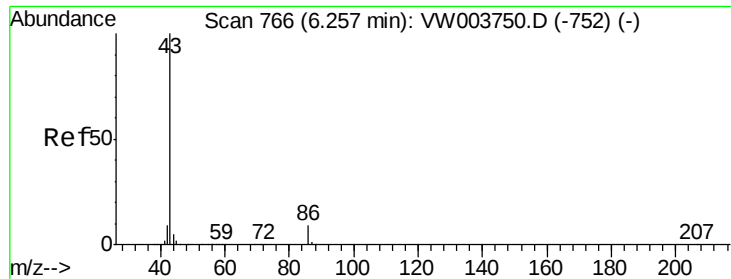
Delta R.T. -0.01 min

Lab File: VW003770.D

Acq: 09 Jul 2018 12:07

Tgt Ion:	45	Resp:	176678
Ion	Ratio	Lower	Upper
45	100		
43	55.2	44.5	66.7
87	24.5	19.6	29.4
59	10.5	9.1	13.7





#23

Vinyl Acetate

Concen: 96.492 ug/l

RT: 6.25 min Scan# 765

Delta R.T. -0.01 min

Lab File: VW003770.D

Acq: 09 Jul 2018 12:07

Instrument :

MSVOA_W

ClientSampled :

VW0709SBS01

Tot Ion: 43 Resp: 530797

Ion Ratio Lower Upper

43 100

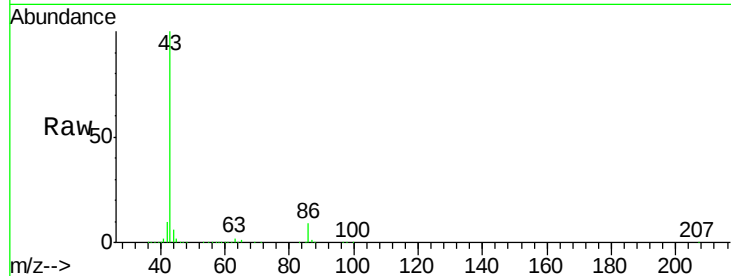
86 9.3 7.3 10.9

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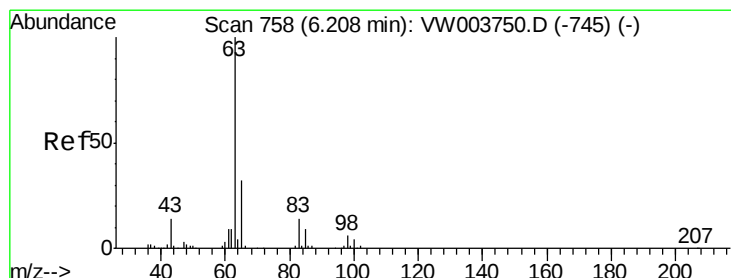
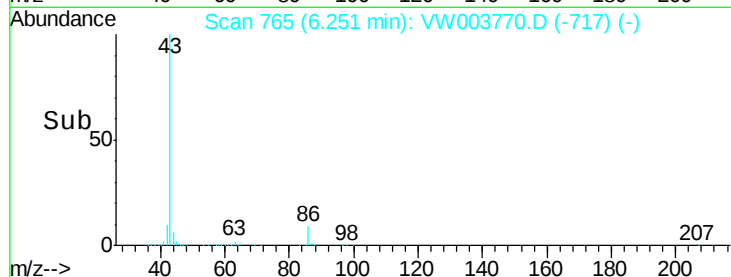
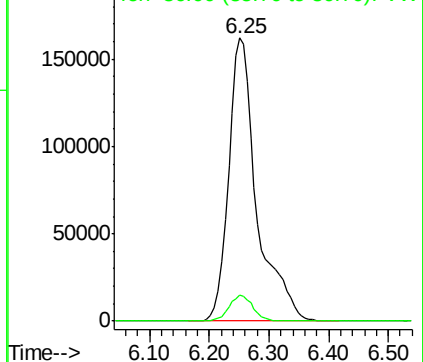
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 19.729 ug/l

RT: 6.21 min Scan# 758

Delta R.T. -0.00 min

Lab File: VW003770.D

Acq: 09 Jul 2018 12:07

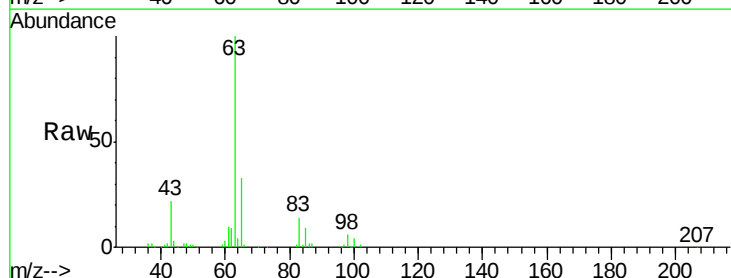
Tgt Ion: 63 Resp: 107527

Ion Ratio Lower Upper

63 100

98 6.5 3.2 9.6

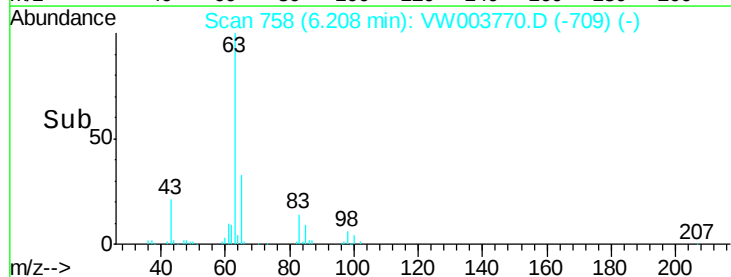
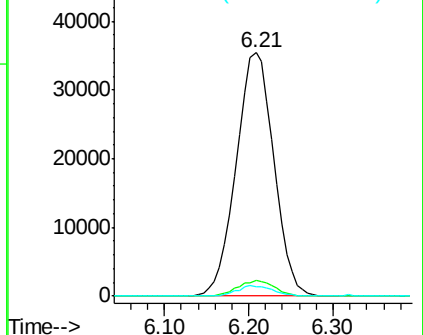
100 3.9 2.1 6.2

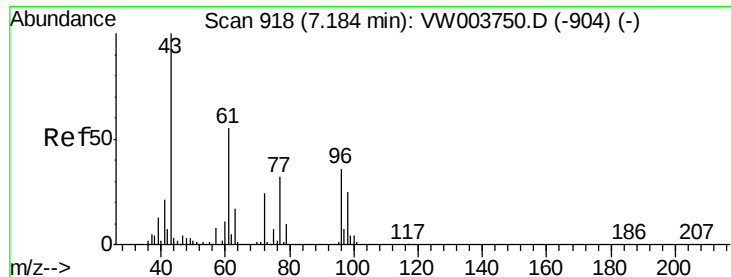


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 96.405 ug/l

RT: 7.17 min Scan# 916

Delta R.T. -0.01 min

Lab File: VW003770.D

Acq: 09 Jul 2018 12:07

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBS01

Tot Ion: 43 Resp: 85980

Ion Ratio Lower Upper

43 100

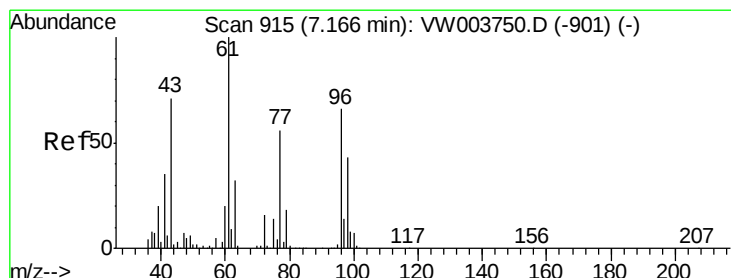
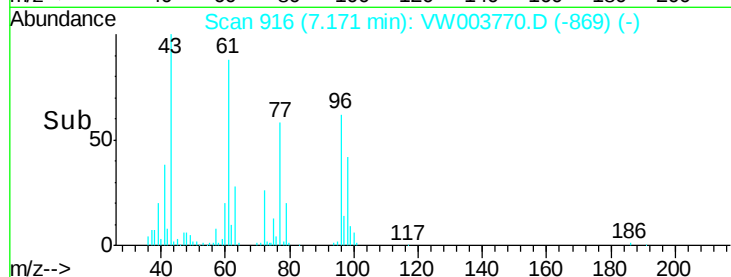
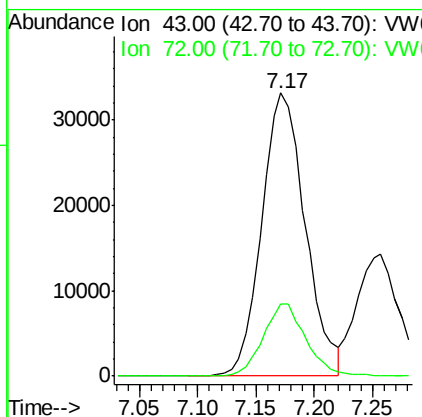
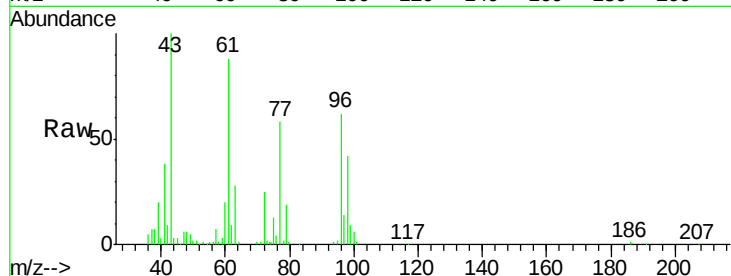
72 25.5 19.4 29.2

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#26

2,2-Dichloropropane

Concen: 21.921 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW003770.D

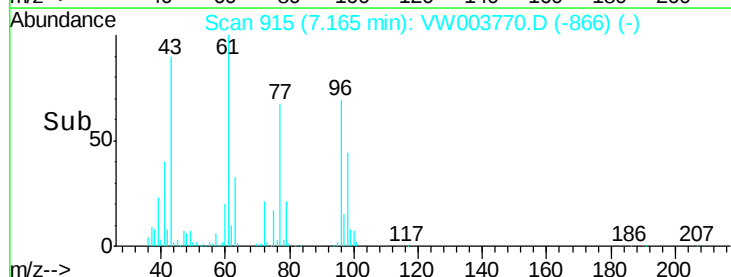
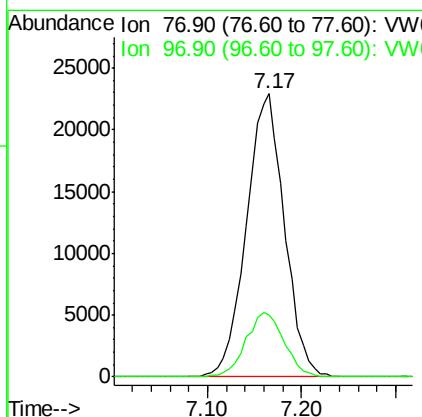
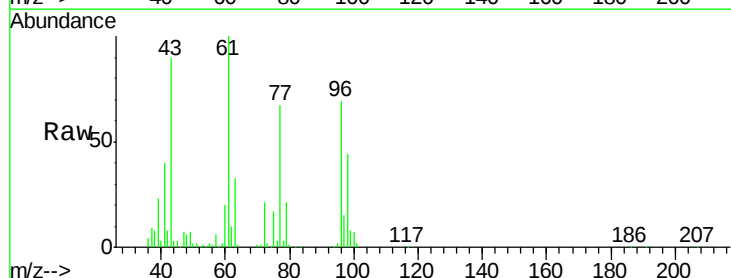
Acq: 09 Jul 2018 12:07

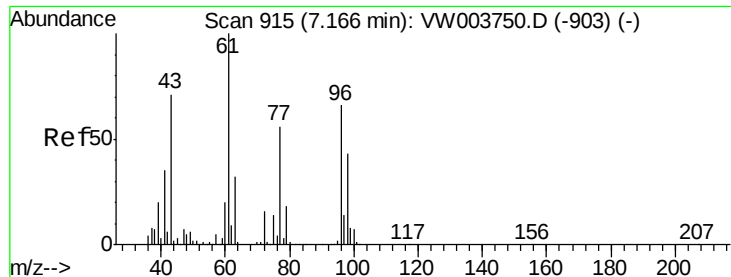
Tgt Ion: 77 Resp: 64800

Ion Ratio Lower Upper

77 100

97 22.8 11.5 34.5





#27

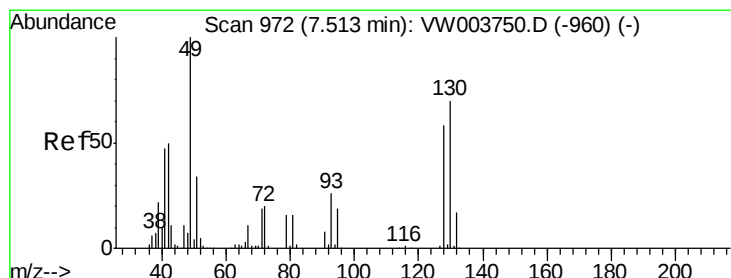
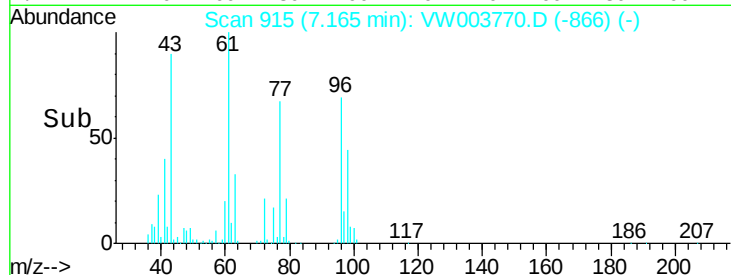
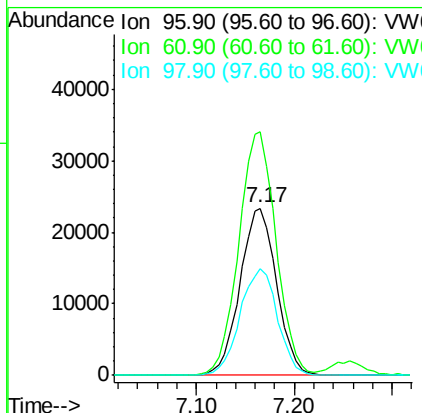
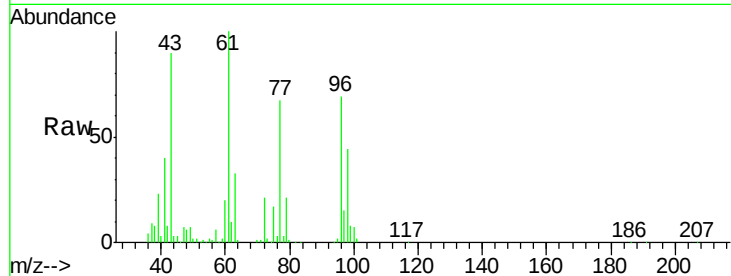
cis-1,2-Dichloroethene
 Concen: 19.642 ug/l
 RT: 7.17 min Scan# 915
 Delta R.T. -0.00 min
 Lab File: VW003770.D
 Acq: 09 Jul 2018 12:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	60625		
61	148.2		0.0	300.8
98	65.1		0.0	128.6

Manual Integrations
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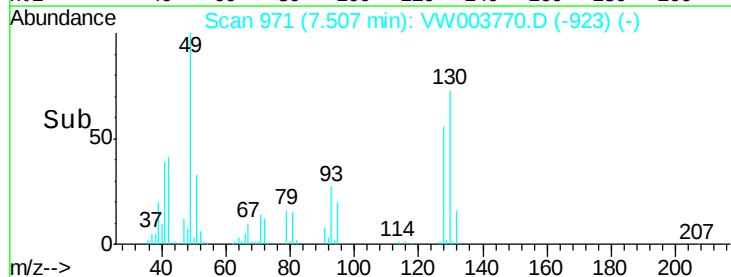
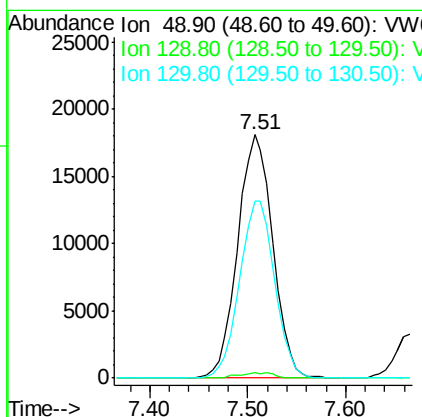
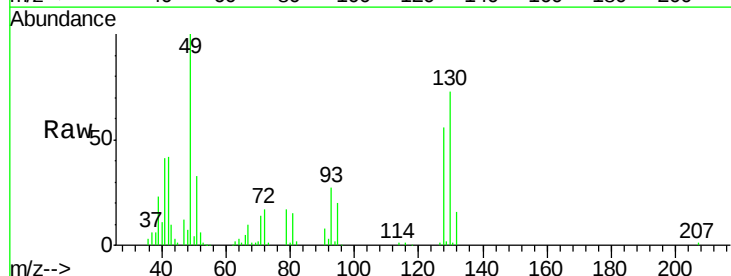
apatel
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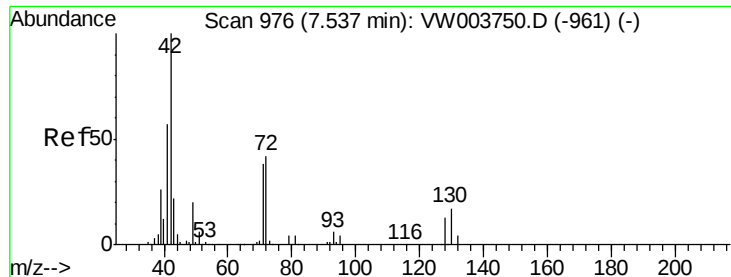


#28

Bromochloromethane
 Concen: 18.535 ug/l
 RT: 7.51 min Scan# 971
 Delta R.T. -0.01 min
 Lab File: VW003770.D
 Acq: 09 Jul 2018 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	45001		
129	2.1		0.0	4.4
130	72.7		56.9	85.3





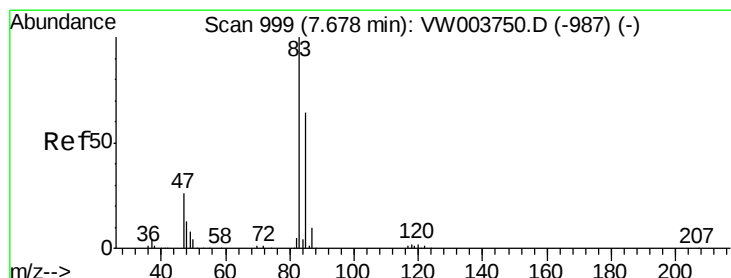
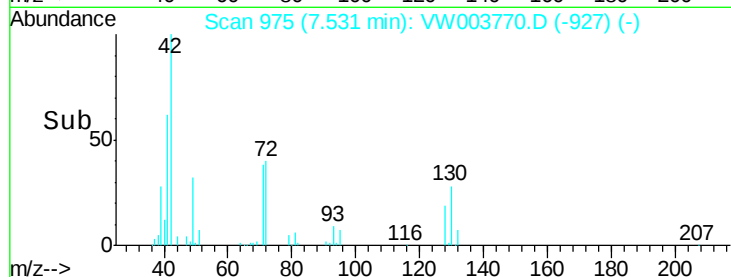
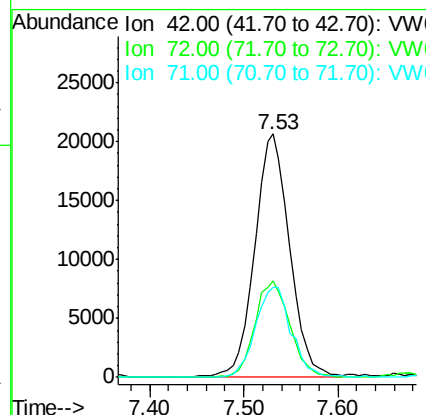
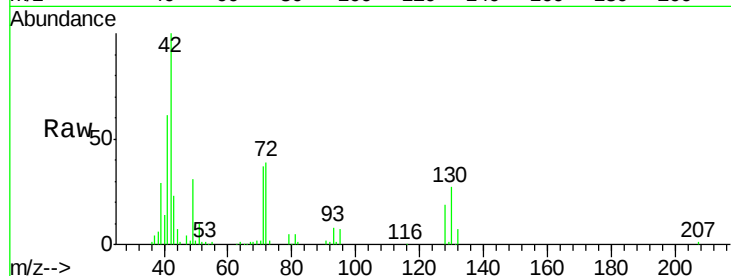
#29
Tetrahydrofuran
Concen: 93.883 ug/l
RT: 7.53 min Scan# 975
Delta R.T. -0.01 min
Lab File: VW003770.D
Acq: 09 Jul 2018 12:07

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.5	31.8	47.8
71	37.8	30.3	45.5

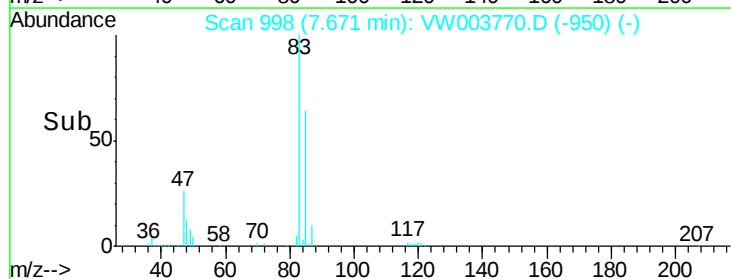
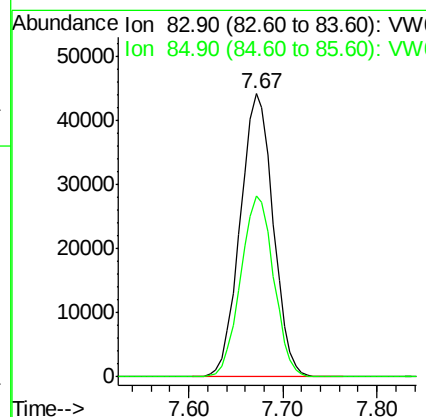
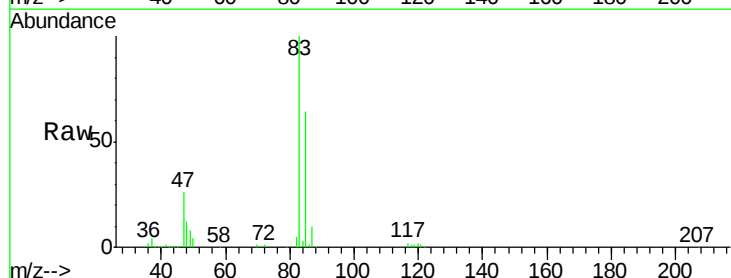
Manual Integrations
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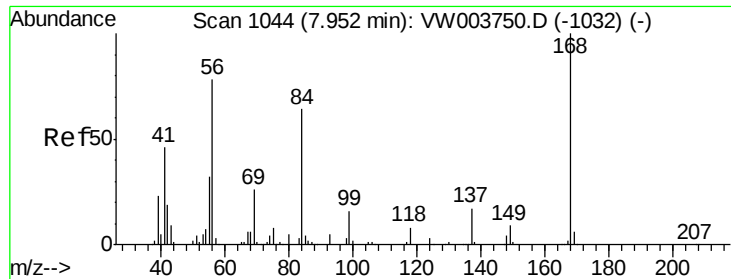
apatel
7/10/2018 10:47:12 AM



#30
Chloroform
Concen: 19.338 ug/l
RT: 7.67 min Scan# 998
Delta R.T. -0.01 min
Lab File: VW003770.D
Acq: 09 Jul 2018 12:07

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.5	77.3





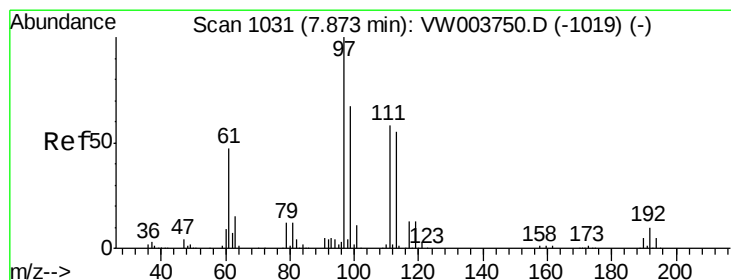
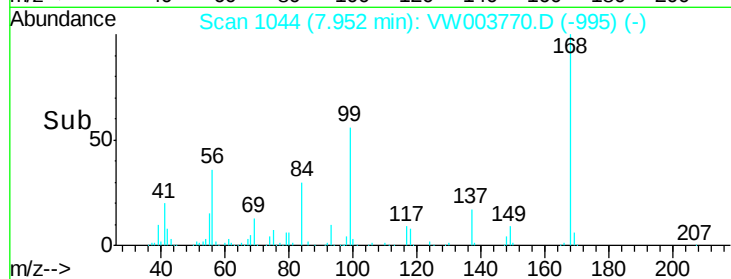
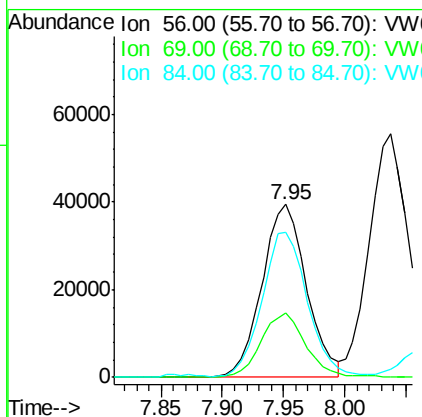
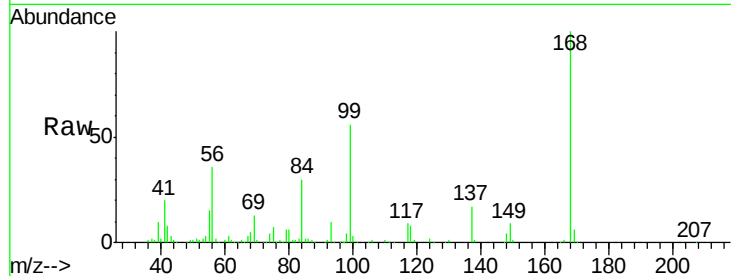
#31
Cyclohexane
Concen: 20.910 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VW003770.D
Acq: 09 Jul 2018 12:07

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	37.3	26.2	39.4
84	82.7	65.5	98.3

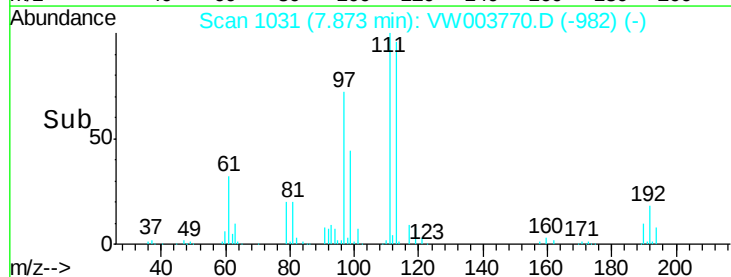
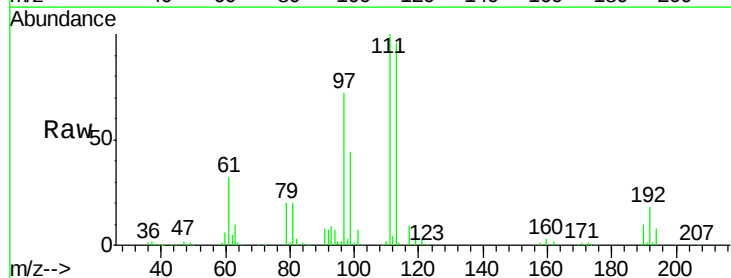
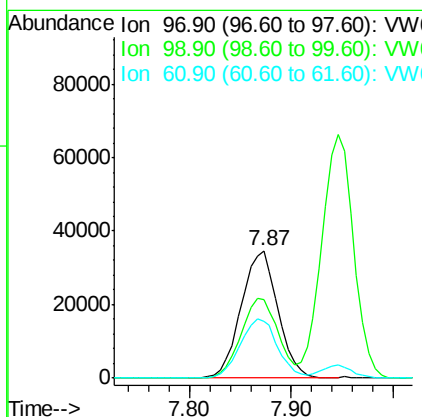
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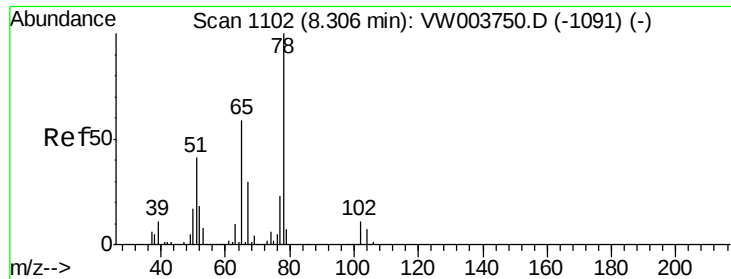
apatel
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#32
1,1,1-Trichloroethane
Concen: 20.544 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VW003770.D
Acq: 09 Jul 2018 12:07

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.2	76.8
61	47.4	37.6	56.4





#33

1,2-Dichloroethane-d4

Concen: 44.534 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.00 min

Lab File: VW003770.D

Acq: 09 Jul 2018 12:07

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBS01

Tot Ion: 65 Resp: 146160

Ion Ratio Lower Upper

65 100

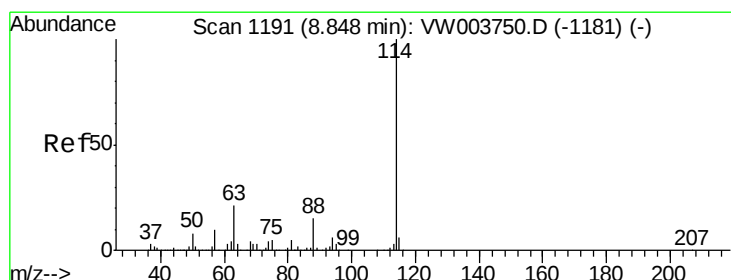
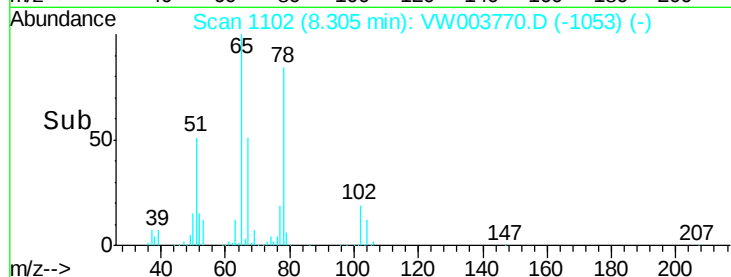
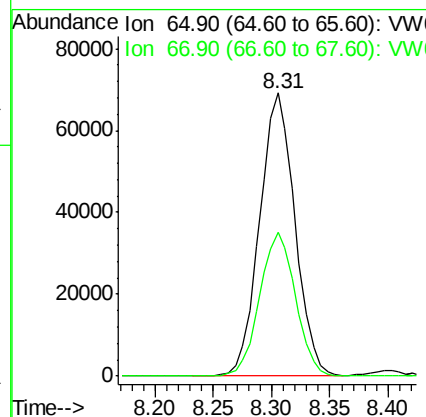
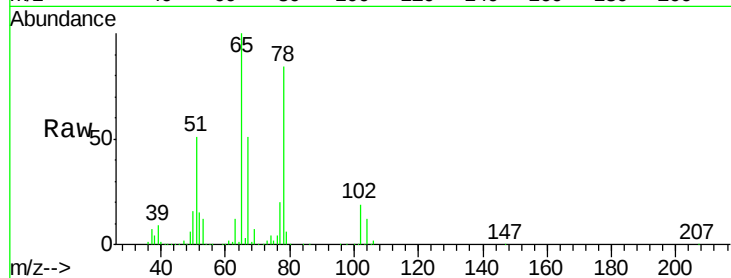
67 51.7 0.0 103.8

Manual Integrations

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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: VW003770.D

Acq: 09 Jul 2018 12:07

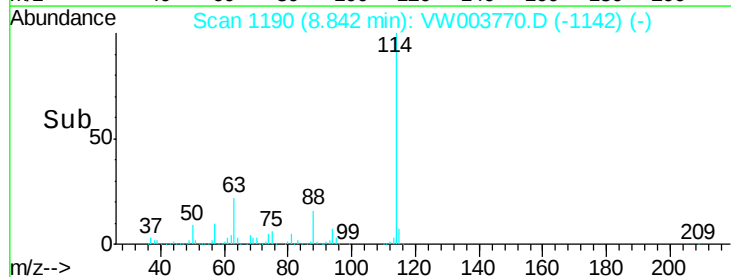
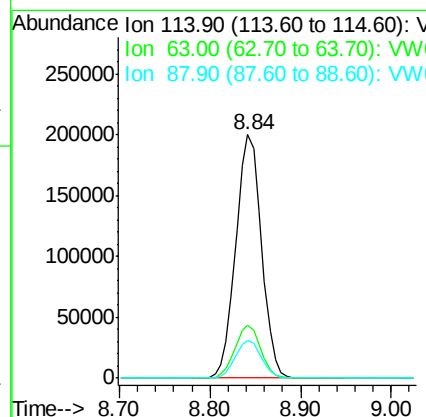
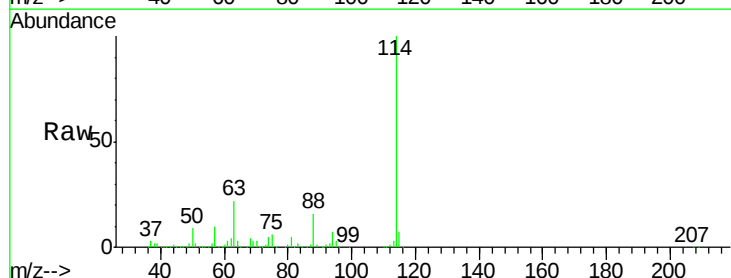
Tgt Ion: 114 Resp: 392400

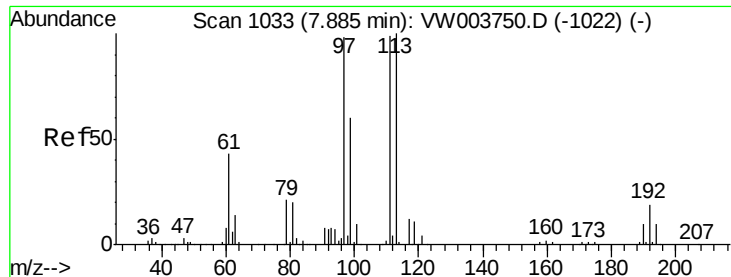
Ion Ratio Lower Upper

114 100

63 21.9 0.0 41.8

88 15.5 0.0 30.2





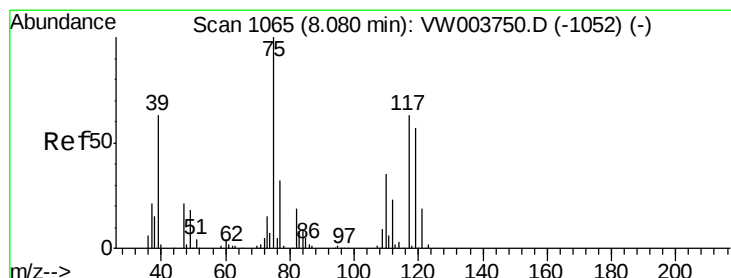
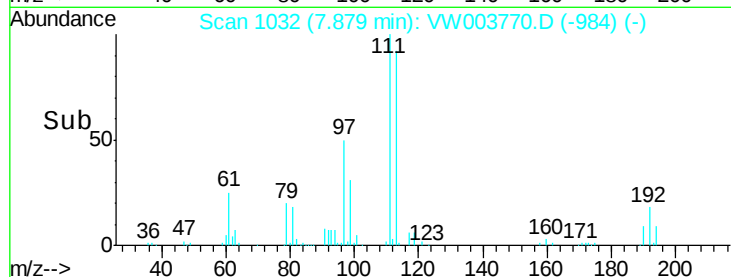
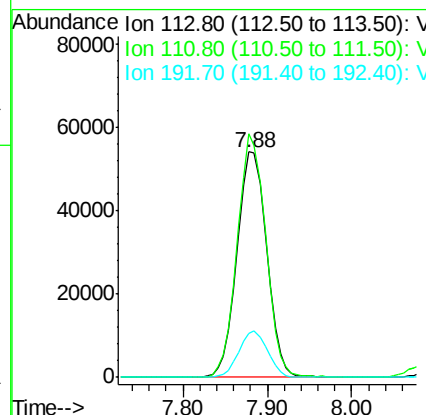
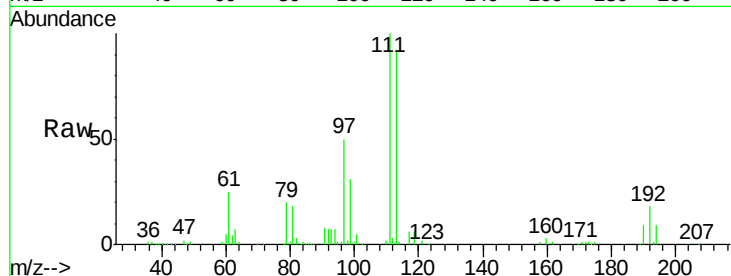
#35
 Dibromofluoromethane
 Concen: 47.217 ug/l
 RT: 7.88 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: VW003770.D
 Acq: 09 Jul 2018 12:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	129674		
111	103.4		81.7	122.5
192	19.8		15.8	23.8

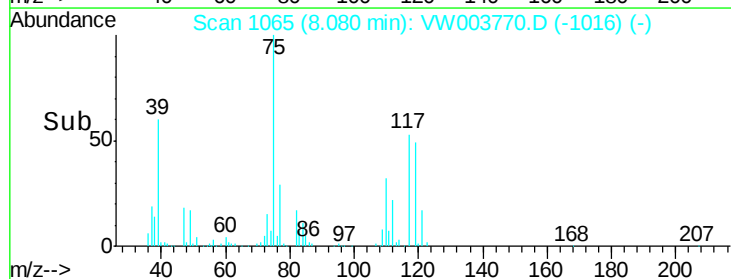
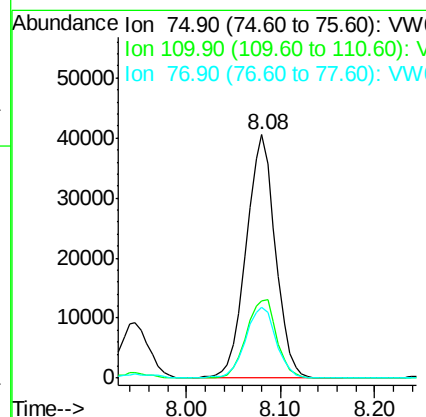
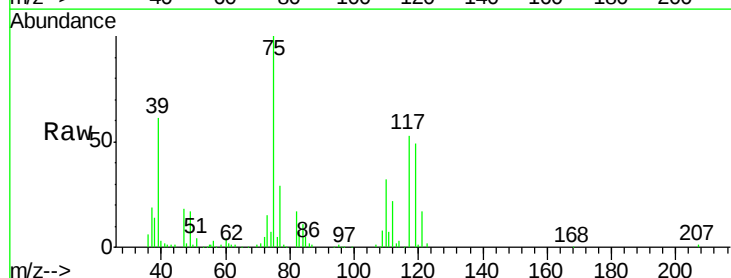
Manual Integrations
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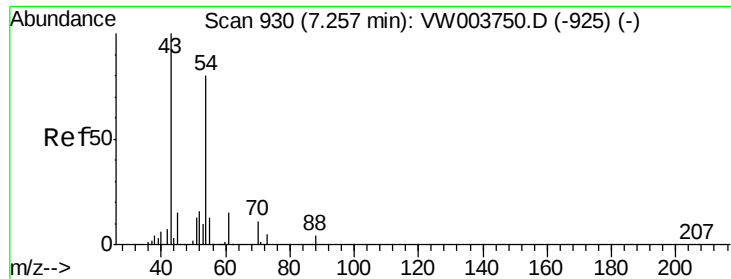
apatel
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#36
 1,1-Dichloropropene
 Concen: 21.185 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: VW003770.D
 Acq: 09 Jul 2018 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	88204		
110	33.5		16.9	50.6
77	30.7		24.8	37.2





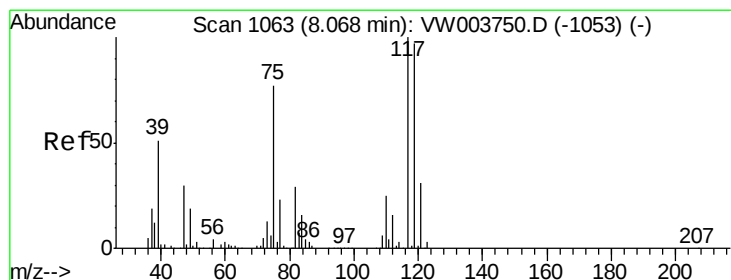
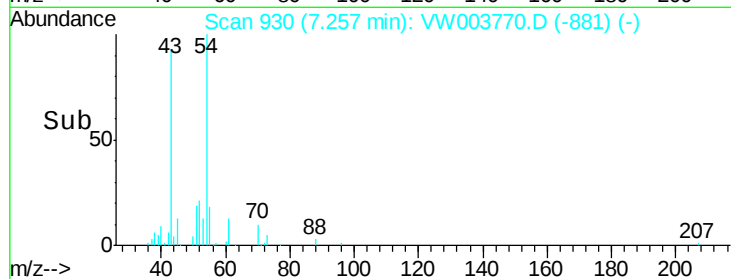
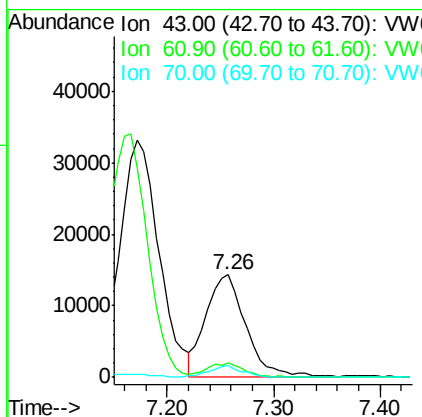
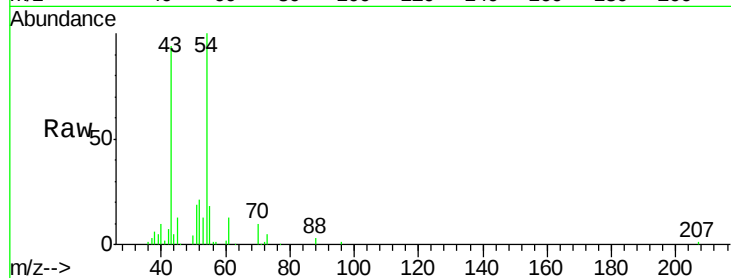
#37
Ethyl Acetate
Concen: 18.252 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.00 min
Lab File: VW003770.D
Acq: 09 Jul 2018 12:07

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.3	10.6	15.8
70	9.8	7.5	11.3

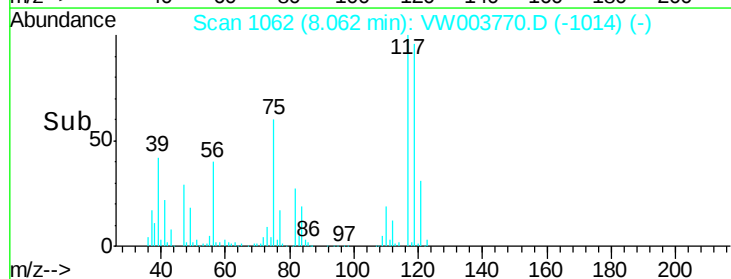
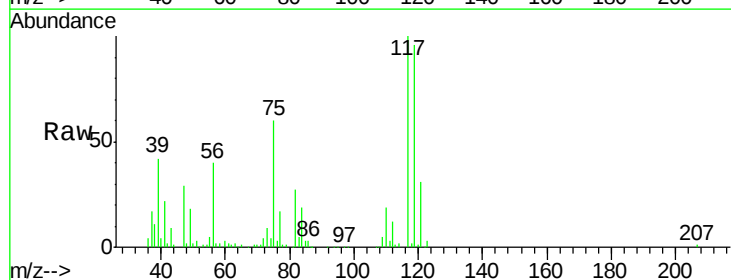
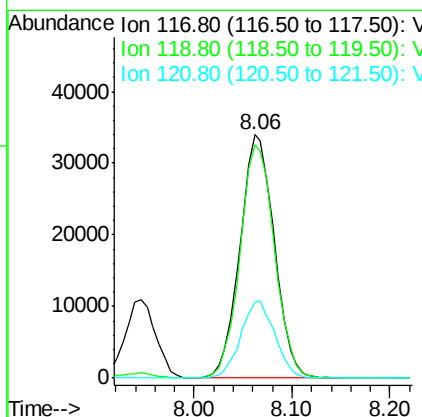
Manual Integrations
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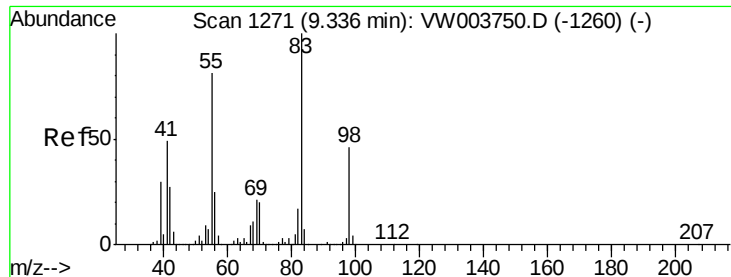
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#38
Carbon Tetrachloride
Concen: 20.915 ug/l
RT: 8.06 min Scan# 1062
Delta R.T. -0.01 min
Lab File: VW003770.D
Acq: 09 Jul 2018 12:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	77.4	116.2
121	31.3	24.6	37.0





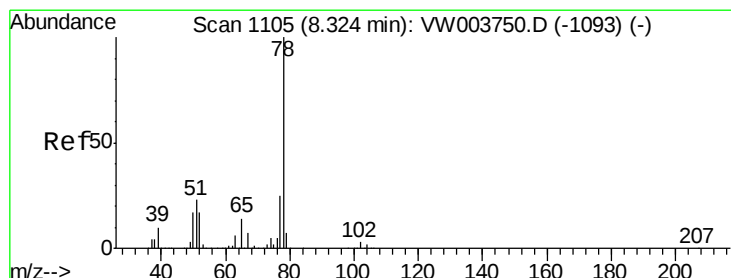
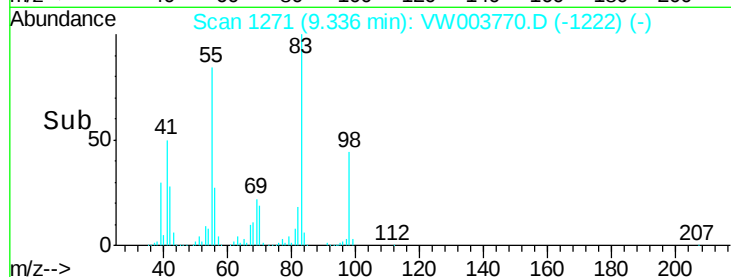
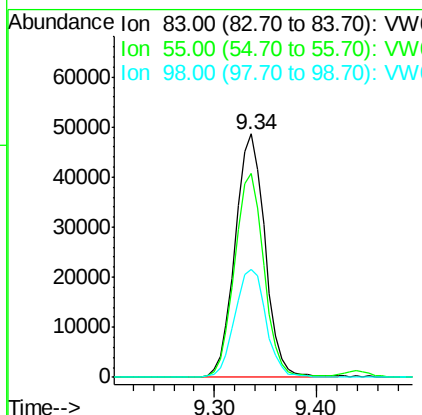
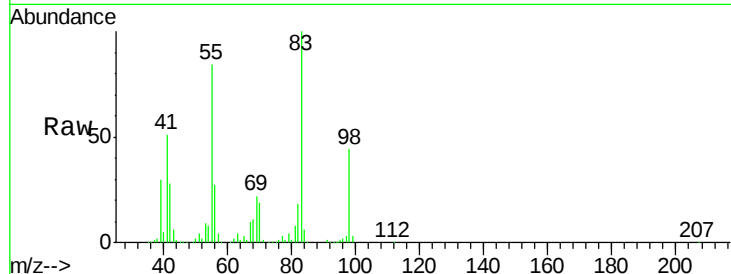
#39
Methvlcvclohexane
Concen: 21.703 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW003770.D
Acq: 09 Jul 2018 12:07

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	83.8	65.1	97.7
98	44.3	36.7	55.1

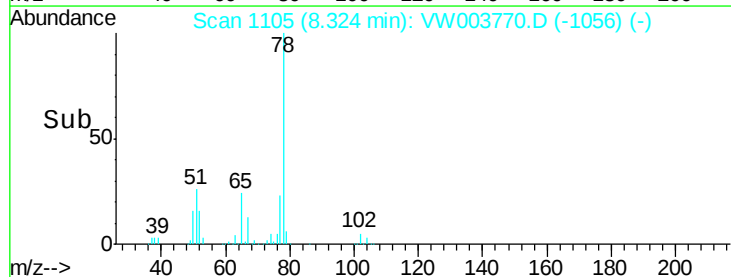
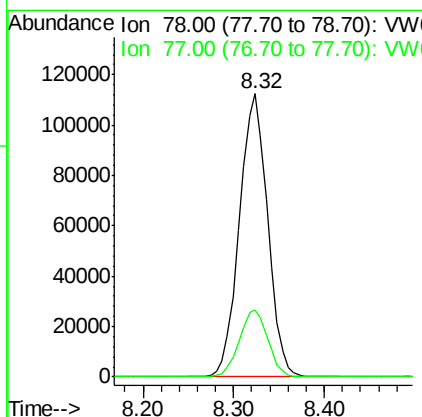
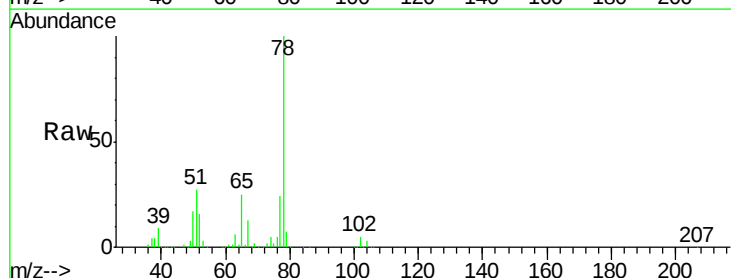
Manual Integrations
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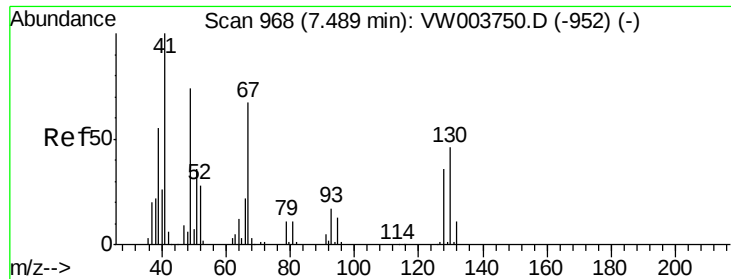
apatel
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#40
Benzene
Concen: 20.389 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW003770.D
Acq: 09 Jul 2018 12:07

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.7	29.5





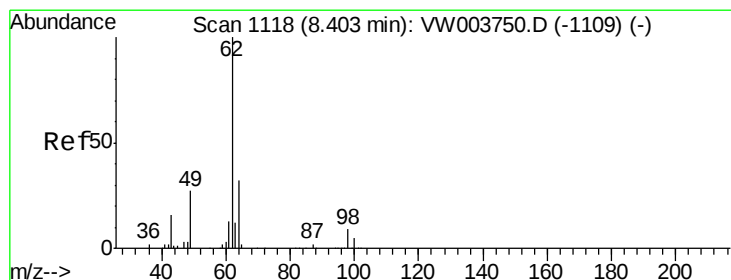
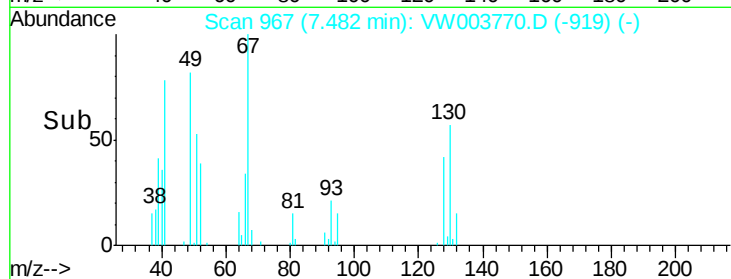
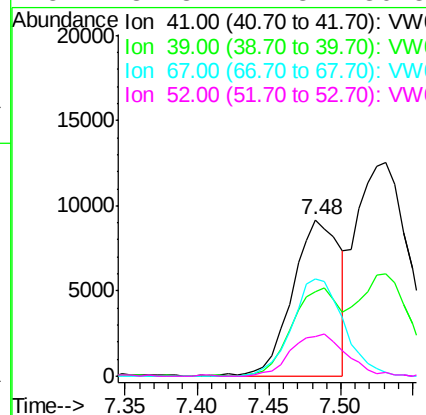
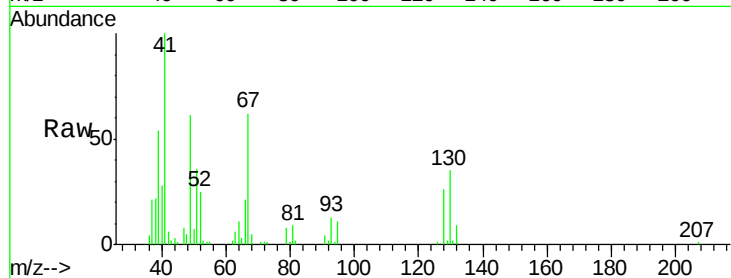
#41
Methacrylonitrile
Concen: 18.117 ug/l
RT: 7.48 min Scan# 967
Delta R.T. -0.01 min
Lab File: VW003770.D
Acq: 09 Jul 2018 12:07

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

Tot Ion:	41	Resp:	21113
Ion	Ratio	Lower	Upper
41	100		
39	56.2	49.5	74.3
67	67.7	53.8	80.8
52	31.3	24.3	36.5

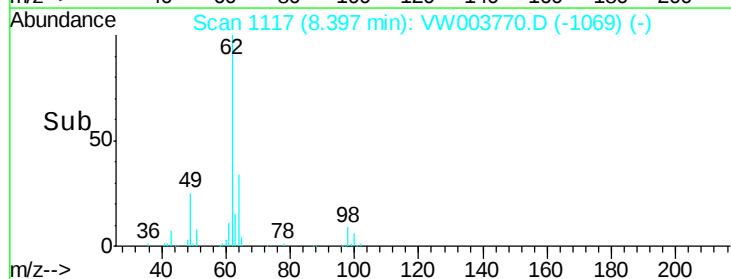
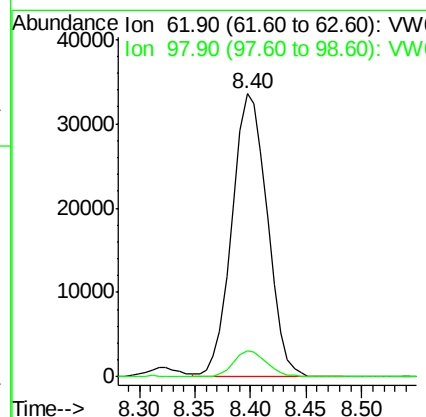
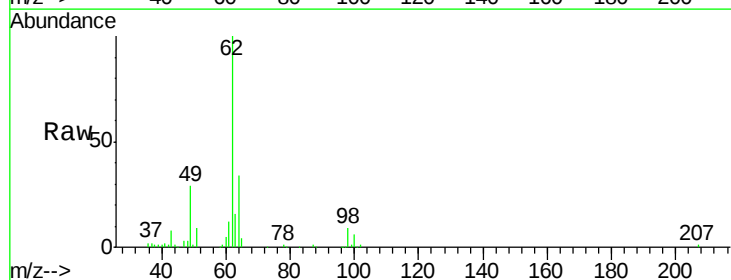
Manual Integrations
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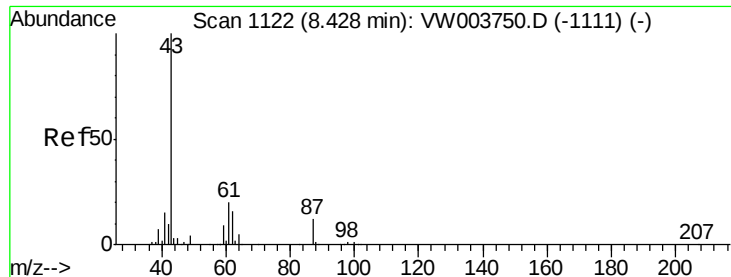
apatel
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#42
1,2-Dichloroethane
Concen: 19.176 ug/l
RT: 8.40 min Scan# 1117
Delta R.T. -0.01 min
Lab File: VW003770.D
Acq: 09 Jul 2018 12:07

Tgt Ion:	62	Resp:	73871
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	16.4





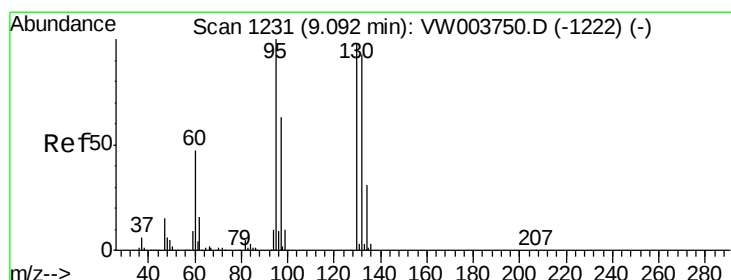
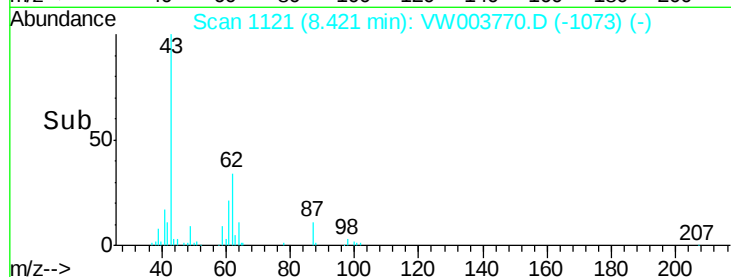
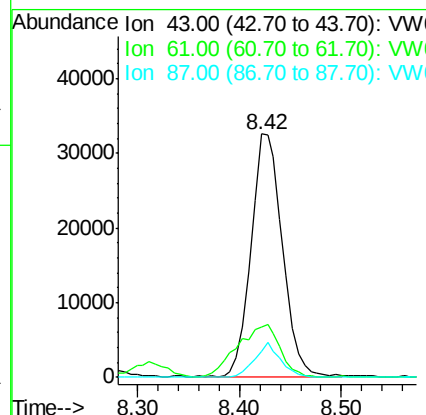
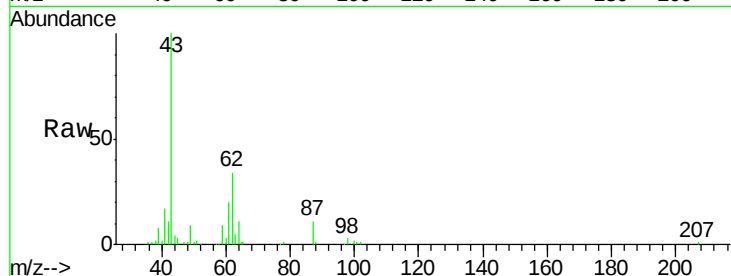
#43
Isopropyl Acetate
Concen: 18.128 ug/l
RT: 8.42 min Scan# 1121
Delta R.T. -0.01 min
Lab File: VW003770.D
Acq: 09 Jul 2018 12:07

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.7	22.8	34.2
87	11.9	9.5	14.3

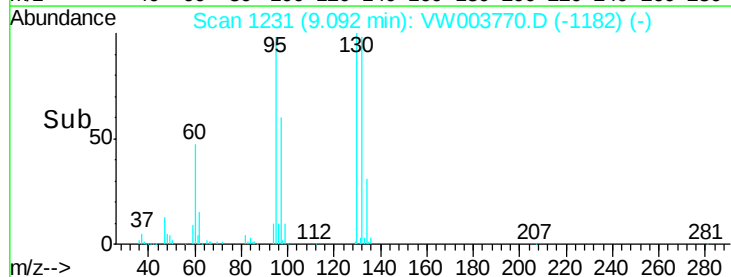
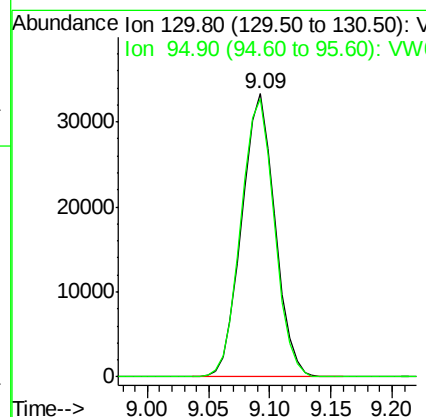
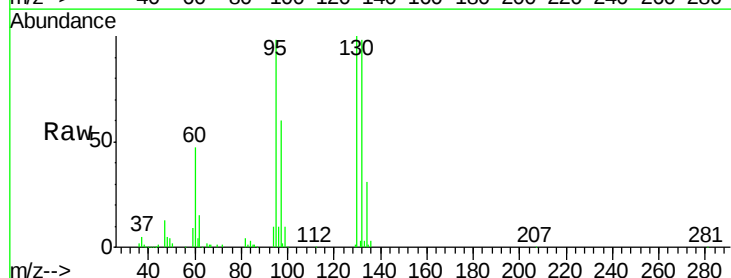
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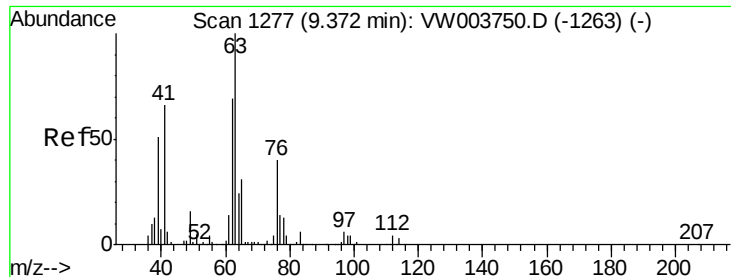
apatel
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#44
Trichloroethene
Concen: 20.932 ug/l
RT: 9.09 min Scan# 1231
Delta R.T. -0.00 min
Lab File: VW003770.D
Acq: 09 Jul 2018 12:07

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.3	0.0	203.8





#45

1,2-Dichloropropane

Concen: 19.815 ug/l

RT: 9.37 min Scan# 1276

Delta R.T. -0.01 min

Lab File: VW003770.D

Acq: 09 Jul 2018 12:07

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBS01

Tot Ion: 63 Resp: 61327

Ion Ratio Lower Upper

63 100

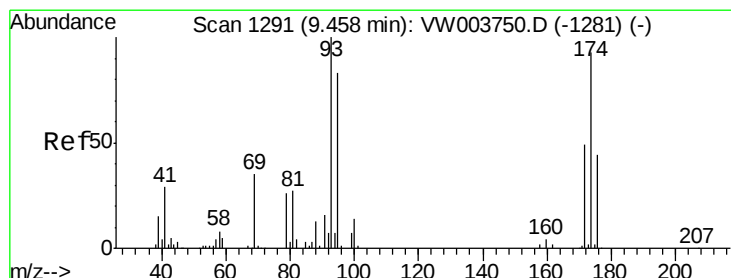
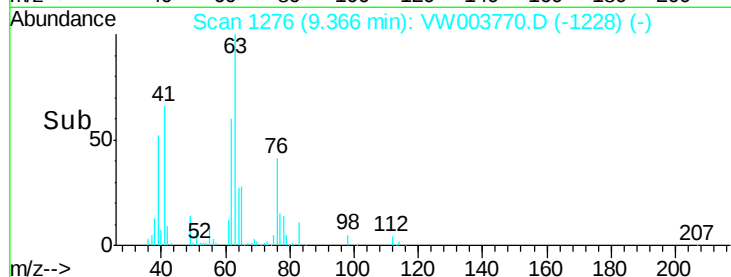
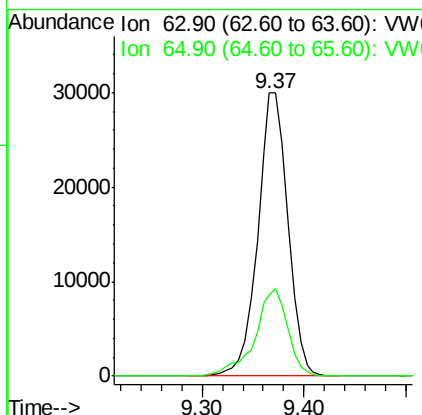
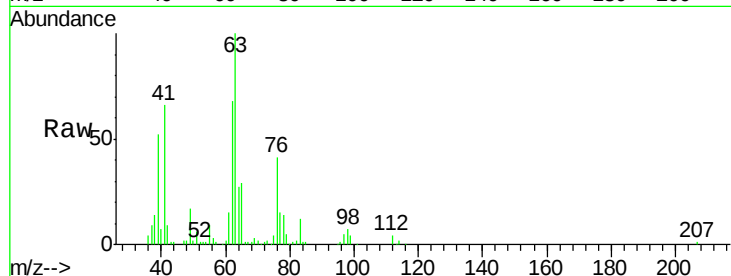
65 28.6 24.9 37.3

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#46

Dibromomethane

Concen: 18.961 ug/l

RT: 9.46 min Scan# 1291

Delta R.T. -0.00 min

Lab File: VW003770.D

Acq: 09 Jul 2018 12:07

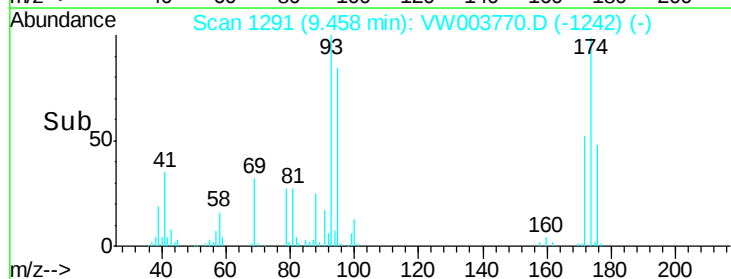
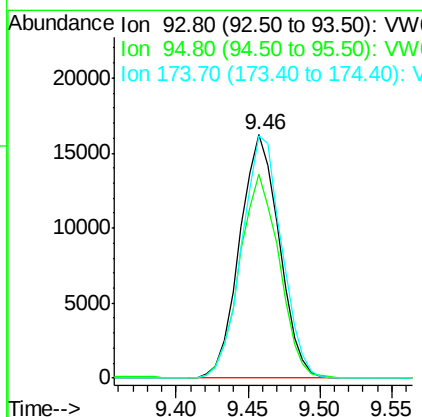
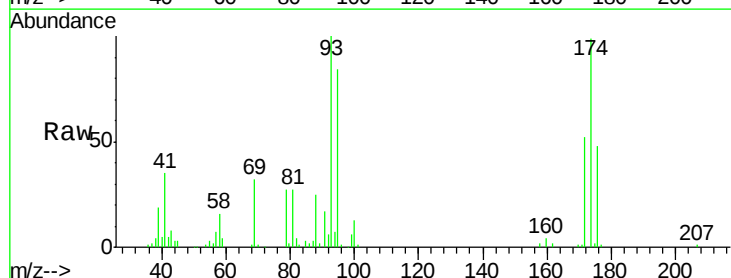
Tgt Ion: 93 Resp: 30856

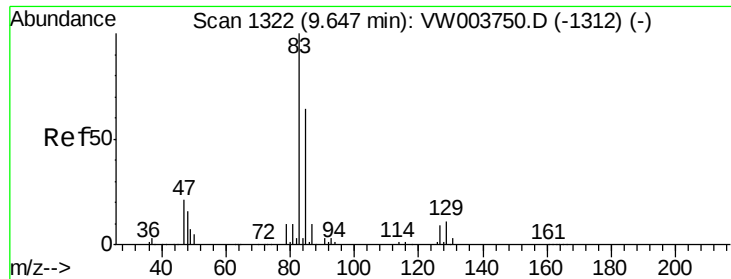
Ion Ratio Lower Upper

93 100

95 84.0 67.2 100.8

174 100.0 78.1 117.1





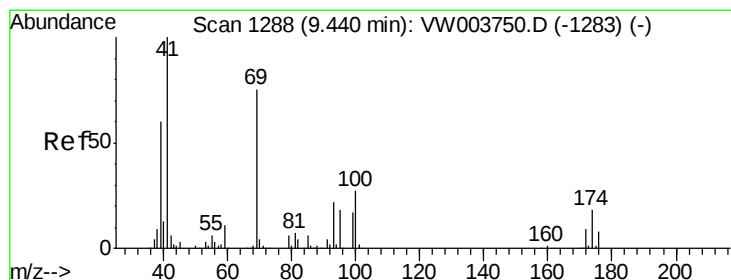
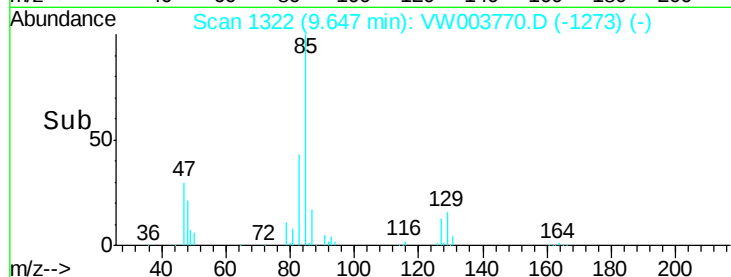
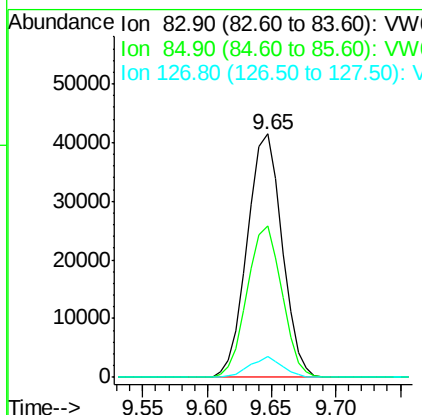
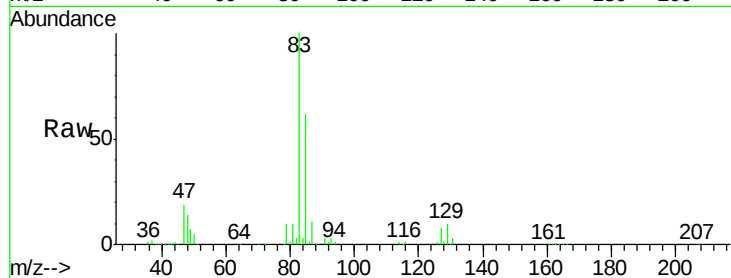
#47
Bromodichloromethane
Concen: 19.425 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VW003770.D
Acq: 09 Jul 2018 12:07

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

Tot Ion	83	Resp	77769
Ion Ratio	100		
85	62.4	51.4	77.0
127	8.4	6.8	10.2

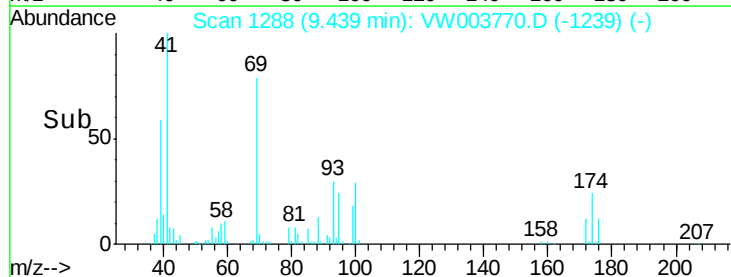
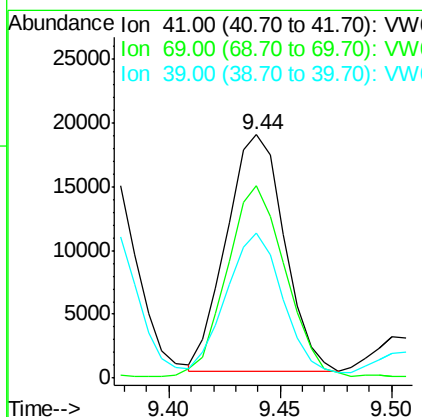
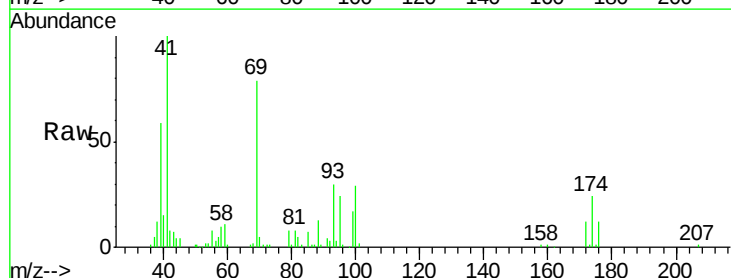
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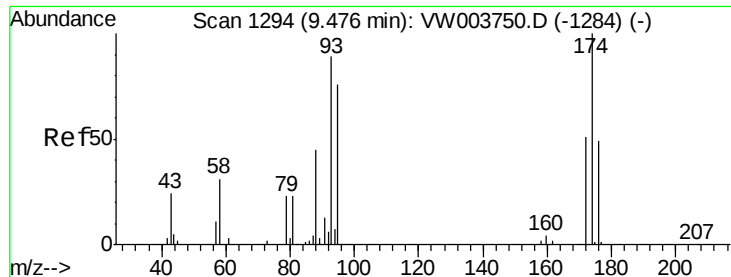
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#48
Methyl methacrylate
Concen: 18.329 ug/l
RT: 9.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VW003770.D
Acq: 09 Jul 2018 12:07

Tgt Ion	41	Resp	33515
Ion Ratio	100		
69	84.2	63.8	95.8
39	61.4	50.2	75.2





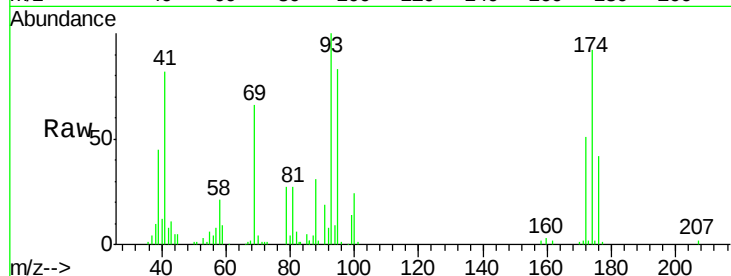
#49
1,4-Dioxane
Concen: 379.081 ug/l
RT: 9.45 min Scan# 1290
Delta R.T. -0.02 min
Lab File: VW003770.D
Acq: 09 Jul 2018 12:07

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.3	0.0	0.0#
58	72.0	59.7	89.5

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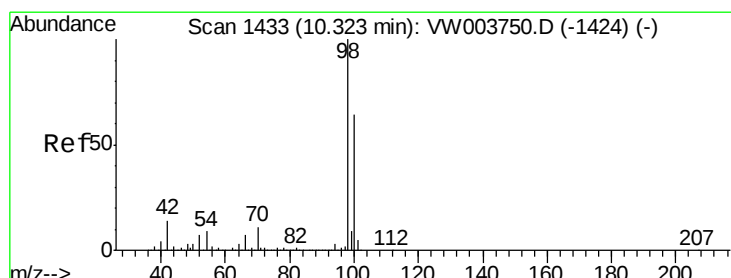
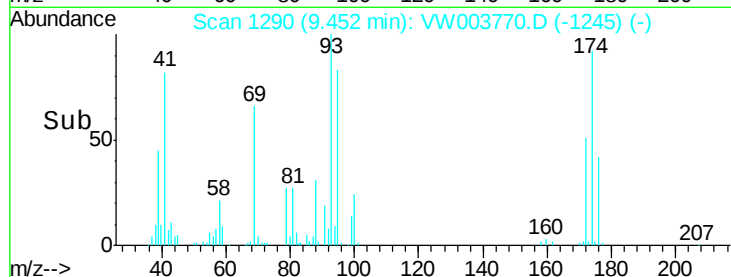
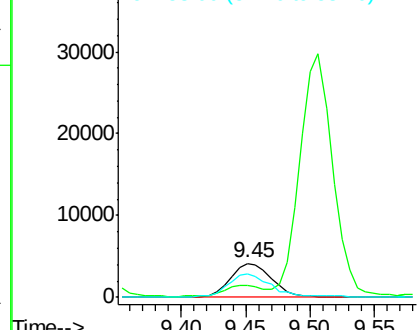


Abundance

Ion 88.00 (87.70 to 88.70): VW

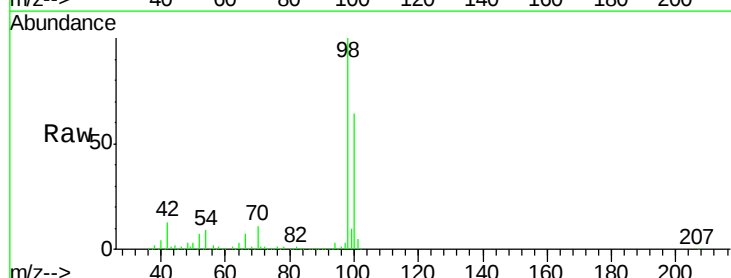
Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50
Toluene-d8
Concen: 49.383 ug/l
RT: 10.32 min Scan# 1433
Delta R.T. -0.00 min
Lab File: VW003770.D
Acq: 09 Jul 2018 12:07

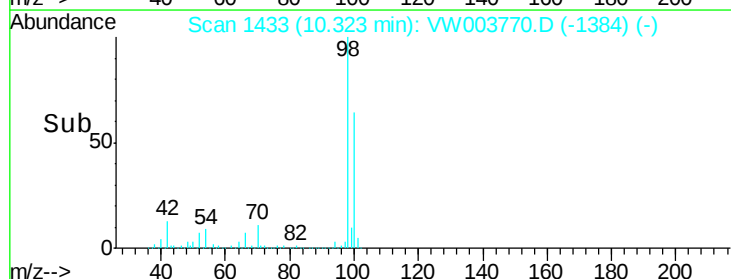
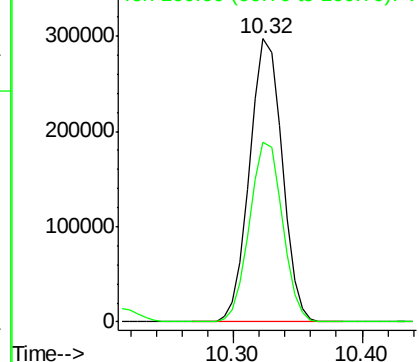
Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.1	50.8	76.2

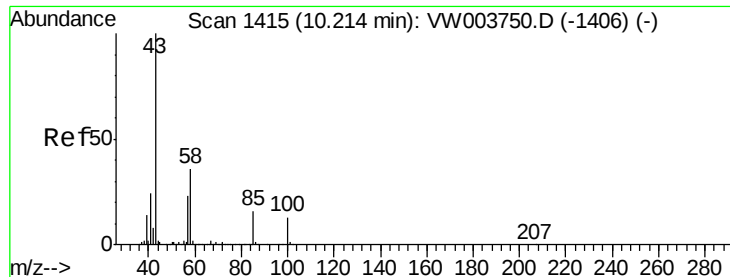


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 92.726 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VW003770.D

Acq: 09 Jul 2018 12:07

Instrument :

MSVOA_W

ClientSampled :

VW0709SBS01

Tot Ion: 43 Resp: 184235

Ion Ratio Lower Upper

43 100

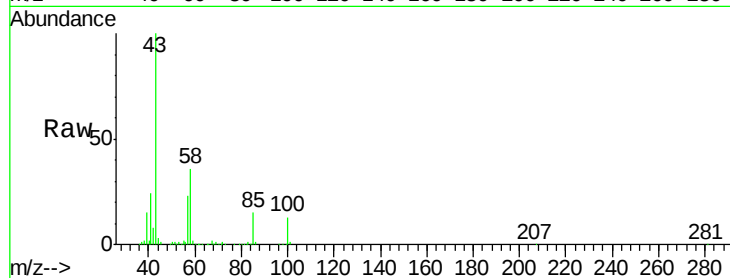
58 36.0 29.3 43.9

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.21

120000

100000

80000

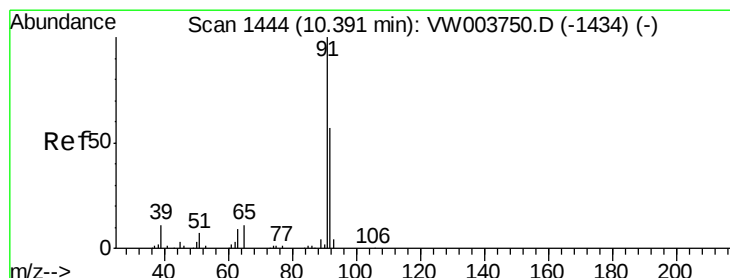
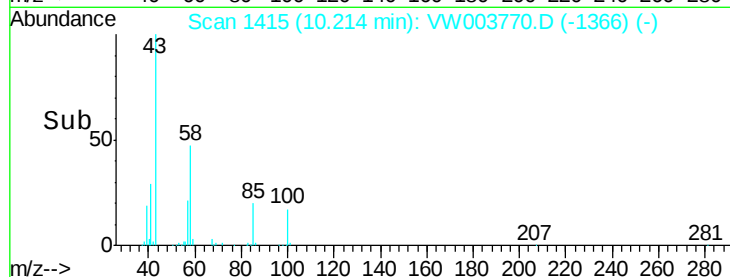
60000

40000

20000

0

Time-->



#52

Toluene

Concen: 20.856 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW003770.D

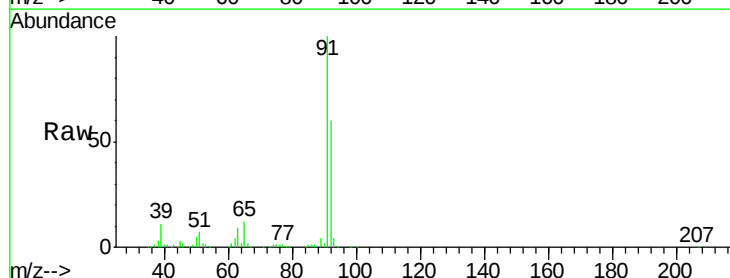
Acq: 09 Jul 2018 12:07

Tgt Ion: 92 Resp: 153932

Ion Ratio Lower Upper

92 100

91 171.8 140.6 211.0



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

10.39

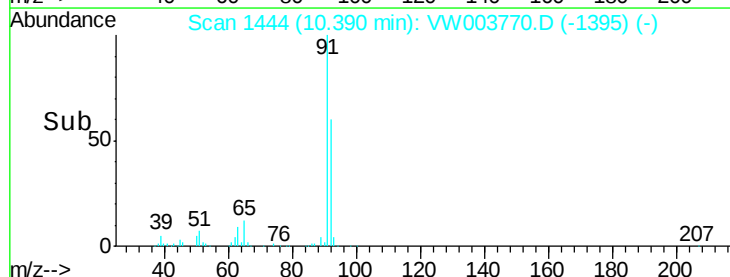
150000

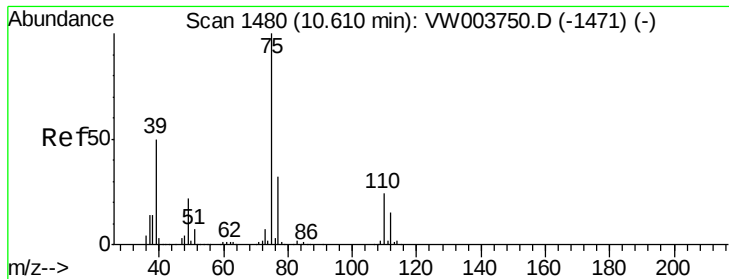
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.817 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW003770.D

Acq: 09 Jul 2018 12:07

Instrument :

MSVOA_W

ClientSampled :

VW0709SBS01

Tot Ion: 75 Resp: 79217

Ion Ratio Lower Upper

75 100

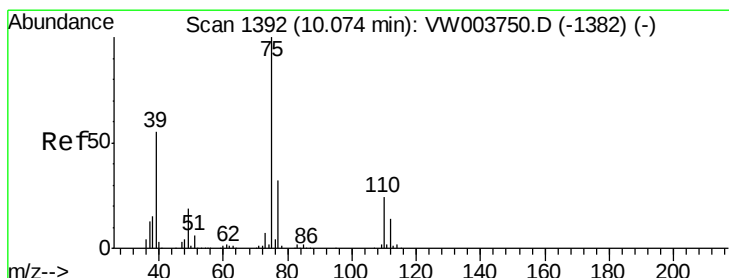
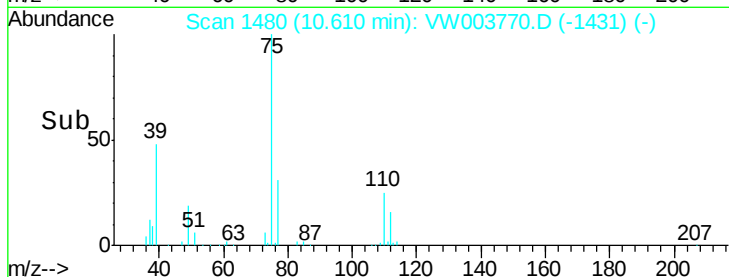
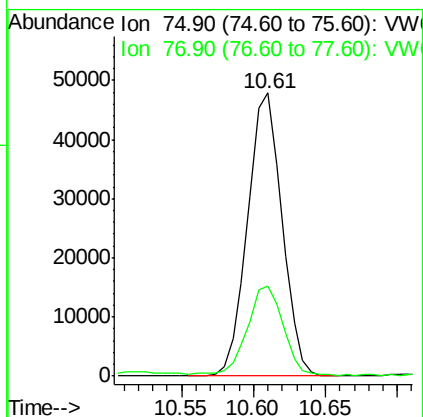
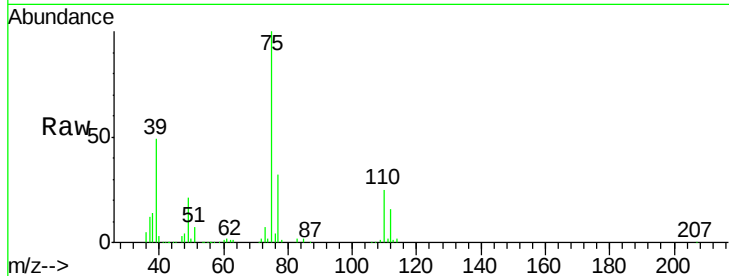
77 31.4 25.5 38.3

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#54

cis-1,3-Dichloropropene

Concen: 20.026 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW003770.D

Acq: 09 Jul 2018 12:07

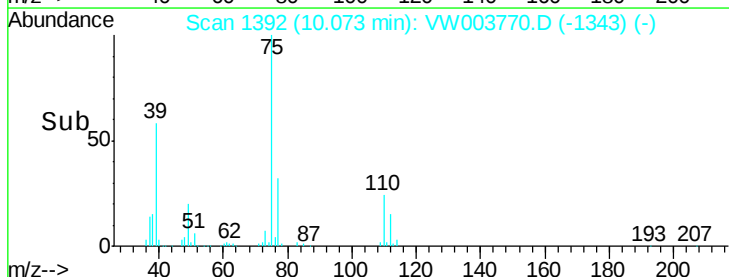
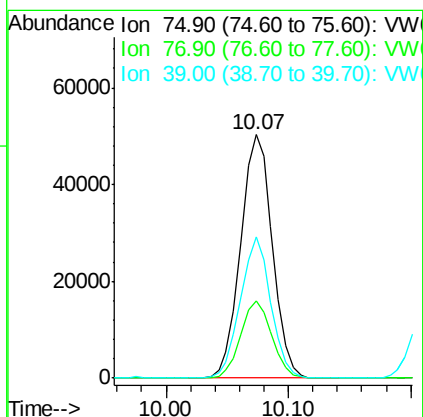
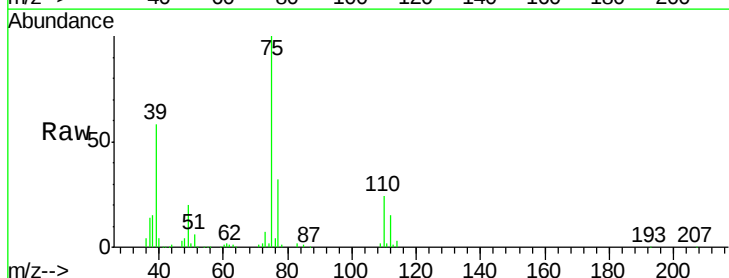
Tgt Ion: 75 Resp: 90365

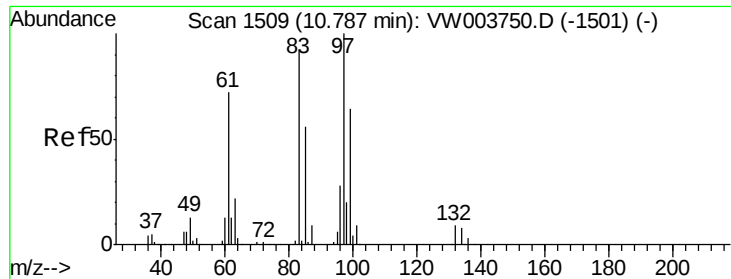
Ion Ratio Lower Upper

75 100

77 31.7 25.6 38.4

39 57.7 43.6 65.4





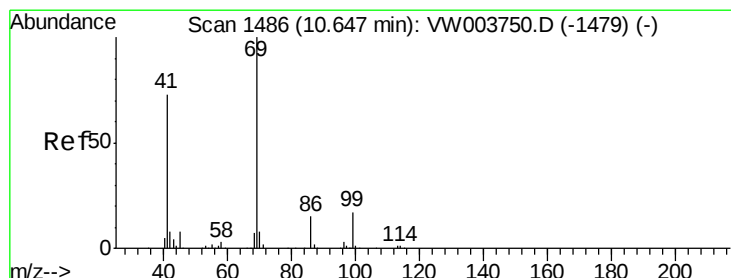
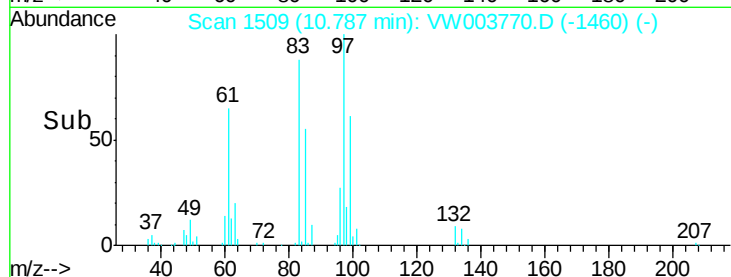
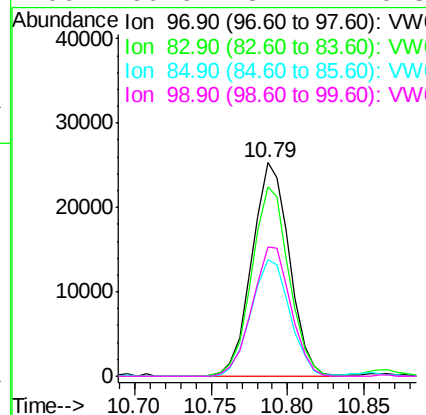
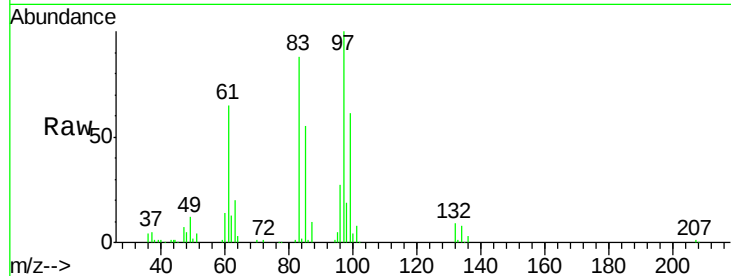
#55
 1,1,2-Trichloroethane
 Concen: 19.111 ug/l
 RT: 10.79 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: VW003770.D
 Acq: 09 Jul 2018 12:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		43194		
83	88.5	73.8	110.6		
85	54.7	45.0	67.4		
99	60.6	51.2	76.8		

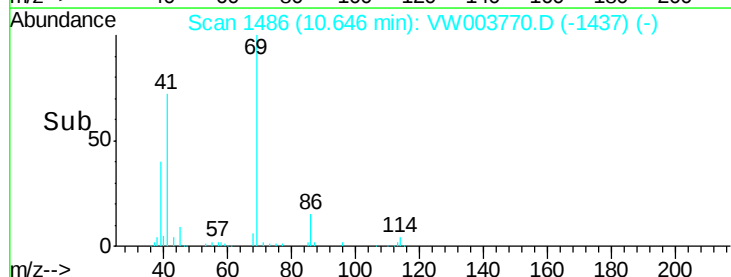
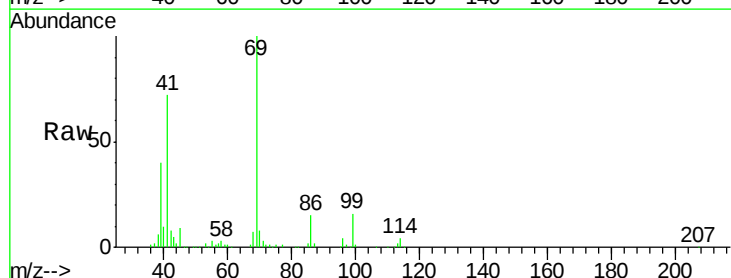
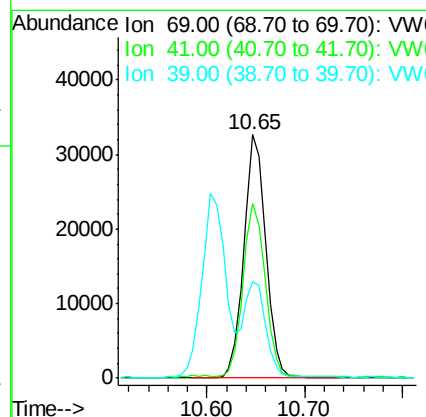
Manual Integrations
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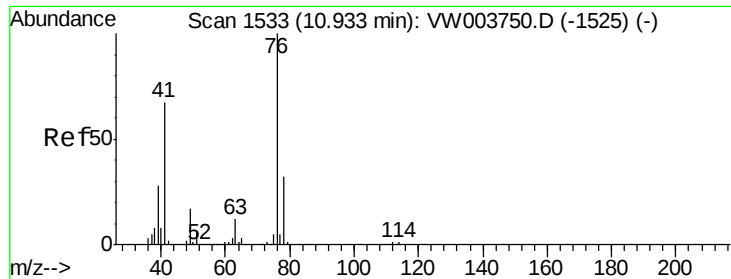
apatel
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#56
 Ethyl methacrylate
 Concen: 18.561 ug/l
 RT: 10.65 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VW003770.D
 Acq: 09 Jul 2018 12:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		51194		
41	71.3	59.0	88.4		
39	39.5	32.8	49.2		





#57

1,3-Dichloropropane

Concen: 19.435 ug/l

RT: 10.93 min Scan# 1533

Delta R.T. -0.00 min

Lab File: VW003770.D

Acq: 09 Jul 2018 12:07

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBS01

Tot Ion: 76 Resp: 76563

Ion Ratio Lower Upper

76 100

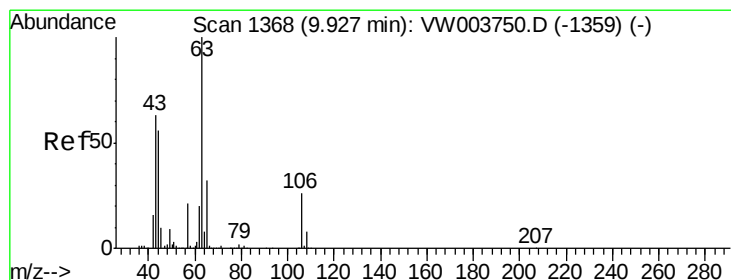
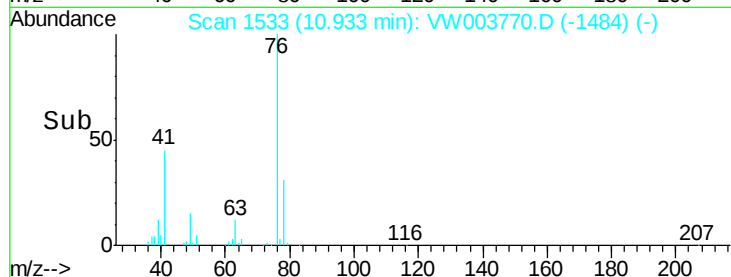
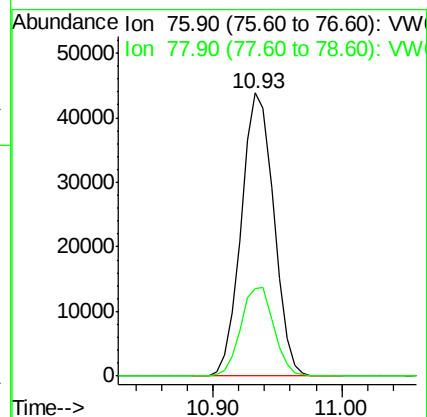
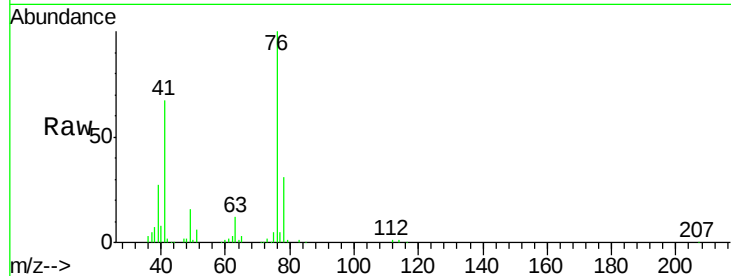
78 31.9 25.6 38.4

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#58

2-Chloroethyl Vinyl ether

Concen: 87.050 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VW003770.D

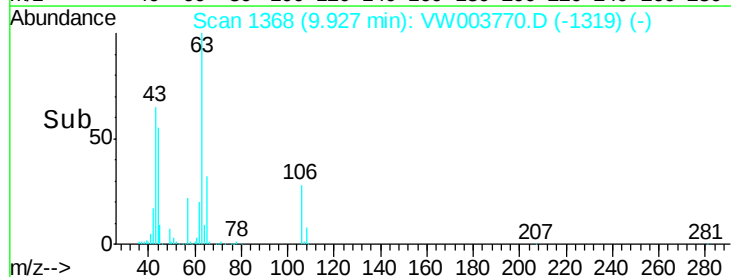
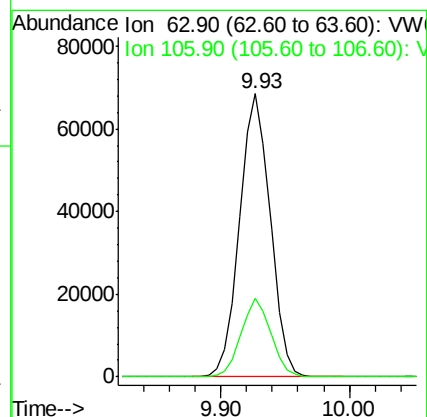
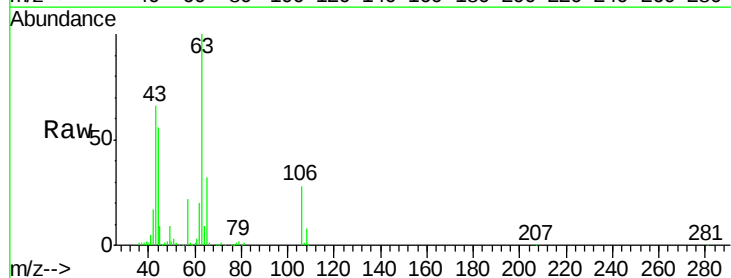
Acq: 09 Jul 2018 12:07

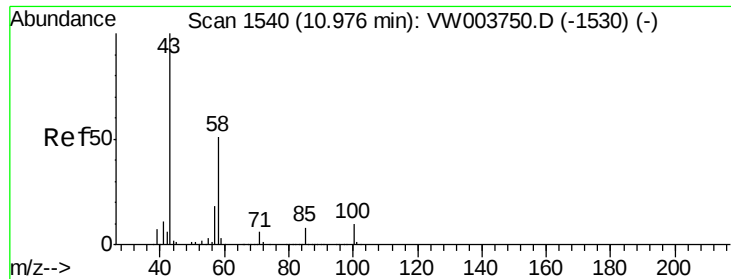
Tgt Ion: 63 Resp: 113258

Ion Ratio Lower Upper

63 100

106 26.9 20.9 31.3





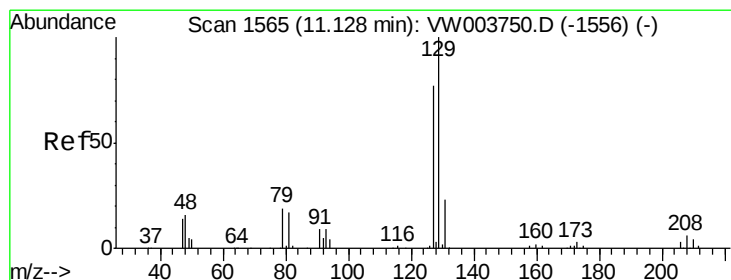
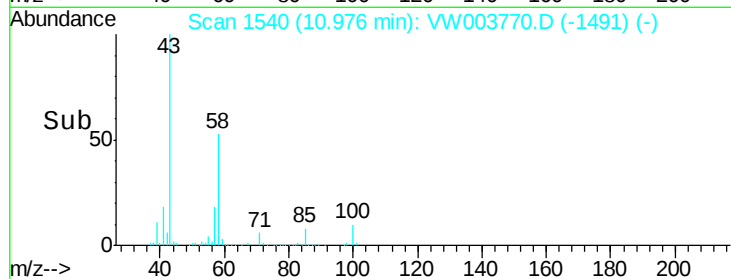
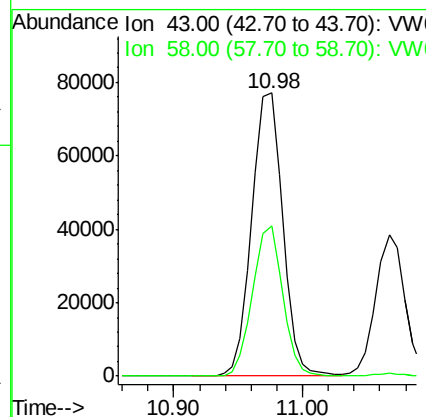
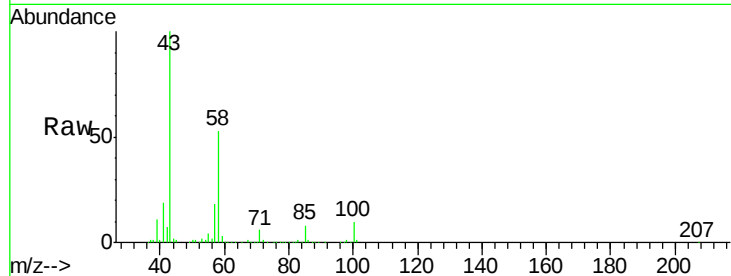
#59
2-Hexanone
Concen: 93.464 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW003770.D
Acq: 09 Jul 2018 12:07

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

Tot Ion: 43 Resp: 127519
Ion Ratio Lower Upper
43 100
58 51.6 25.4 76.2

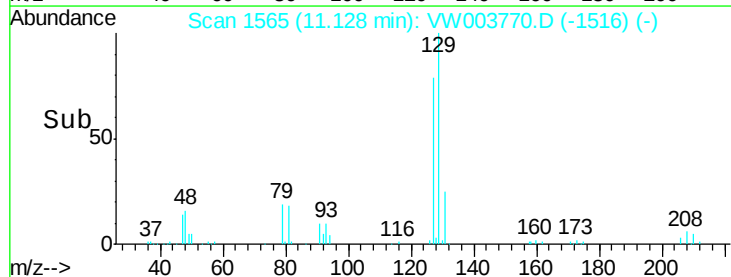
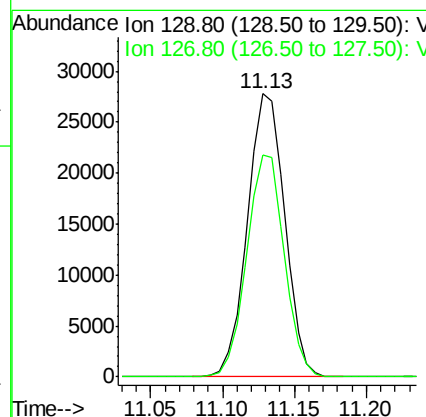
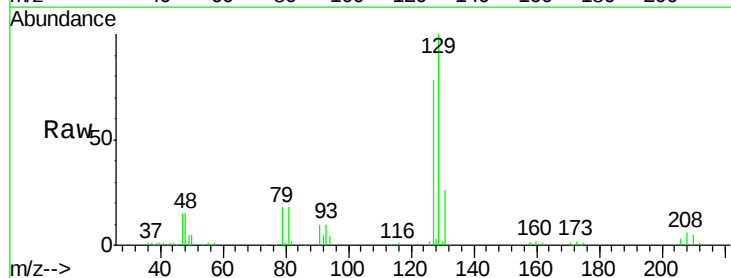
Manual Integrations
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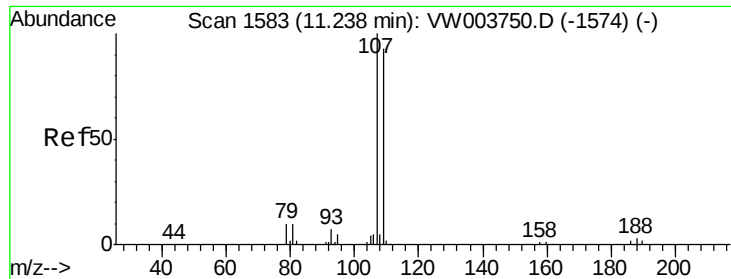
apatel
7/10/2018 10:47:12 AM



#60
Dibromochloromethane
Concen: 18.820 ug/l
RT: 11.13 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VW003770.D
Acq: 09 Jul 2018 12:07

Tgt Ion:129 Resp: 49654
Ion Ratio Lower Upper
129 100
127 78.6 38.9 116.6





#61

1,2-Dibromoethane

Concen: 19.056 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VW003770.D

Acq: 09 Jul 2018 12:07

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBS01

Tot Ion:107 Resp: 41188

Ion Ratio Lower Upper

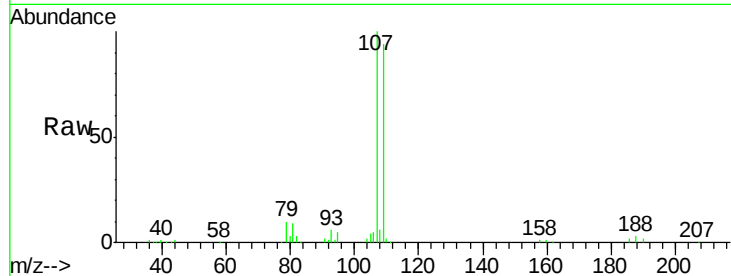
107 100

109 93.6 75.1 112.7

Manual Integrations
APPROVED

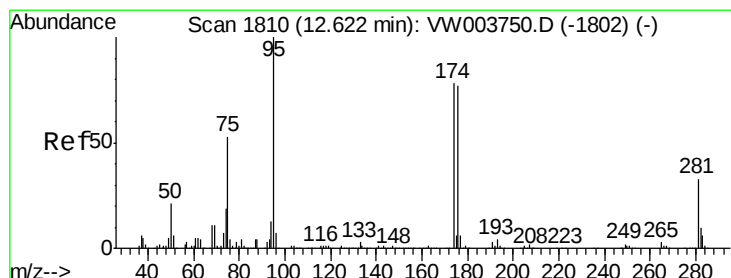
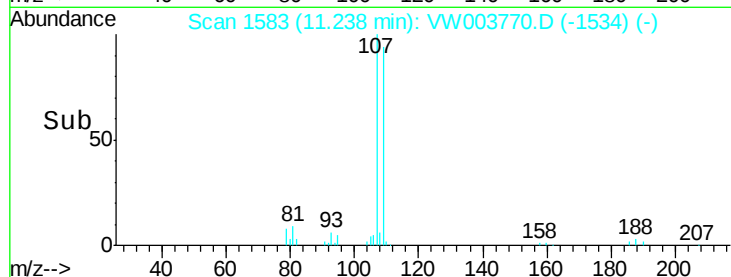
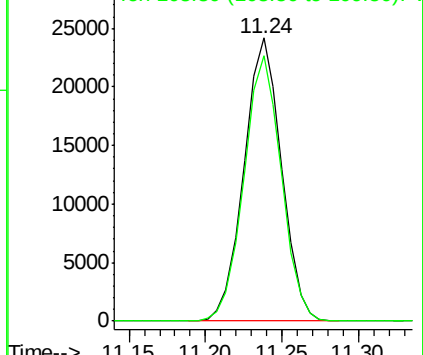
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.284 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW003770.D

Acq: 09 Jul 2018 12:07

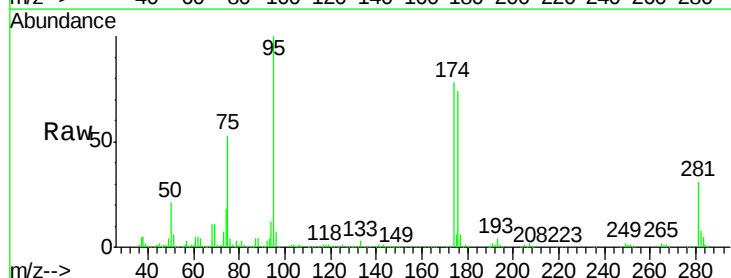
Tgt Ion: 95 Resp: 187331

Ion Ratio Lower Upper

95 100

174 80.6 0.0 163.4

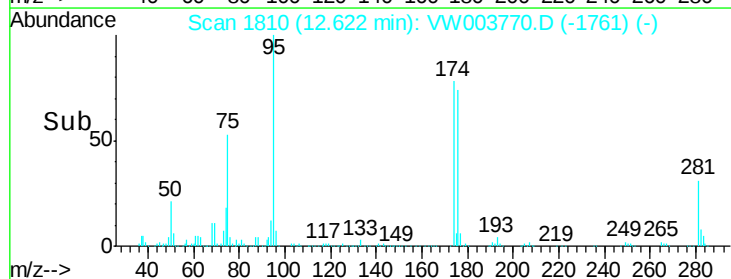
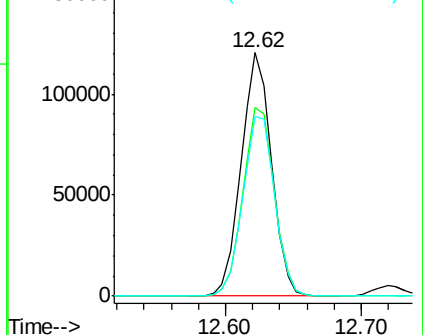
176 77.8 0.0 156.8

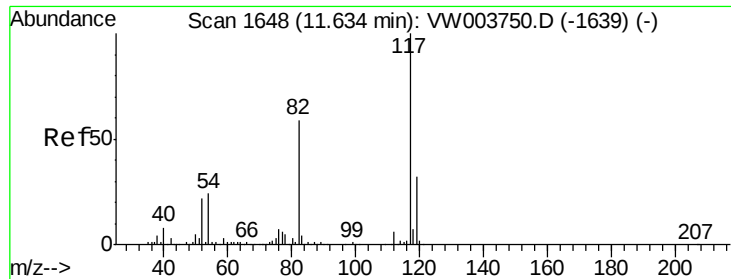


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





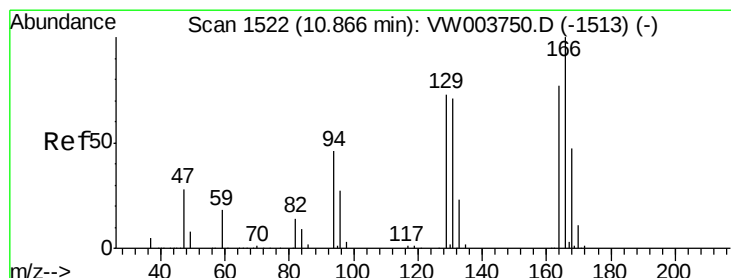
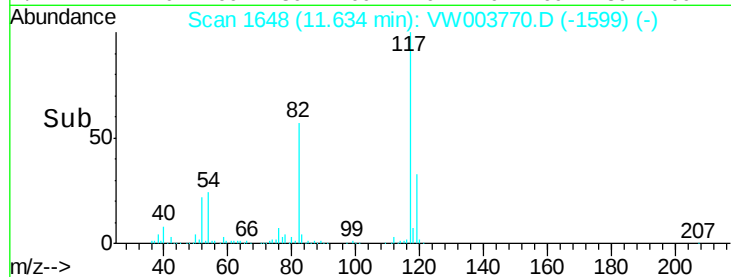
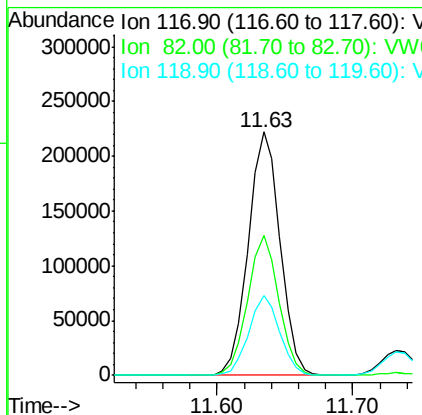
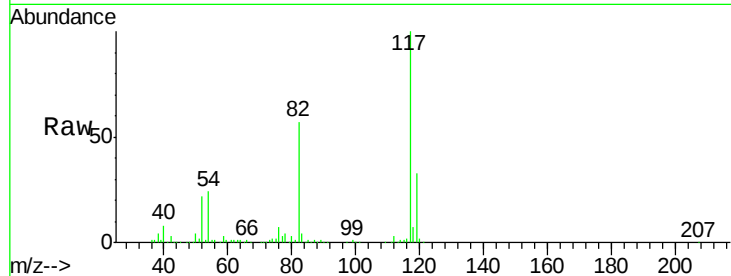
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003770.D
Acq: 09 Jul 2018 12:07

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.3	46.9	70.3
119	32.5	25.5	38.3

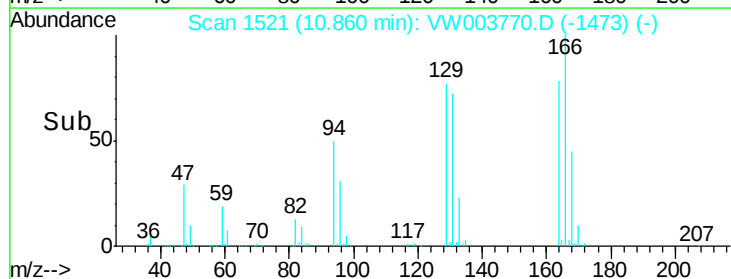
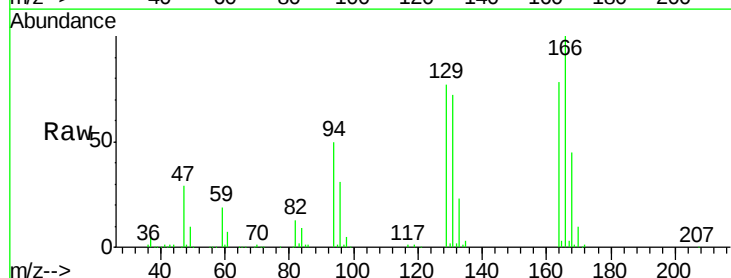
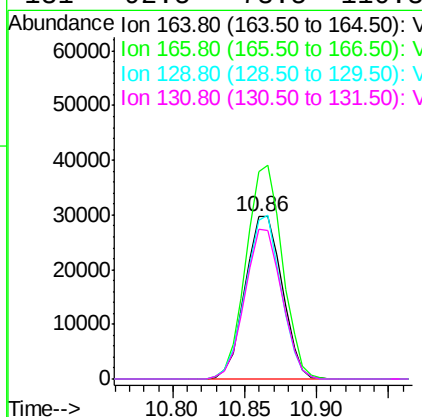
Manual Integrations
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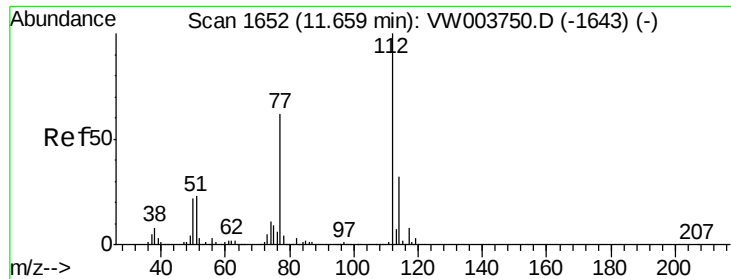
apatel
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#64
Tetrachloroethene
Concen: 19.652 ug/l
RT: 10.86 min Scan# 1521
Delta R.T. -0.01 min
Lab File: VW003770.D
Acq: 09 Jul 2018 12:07

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.8	104.2	156.4
129	97.8	75.8	113.8
131	92.5	73.5	110.3





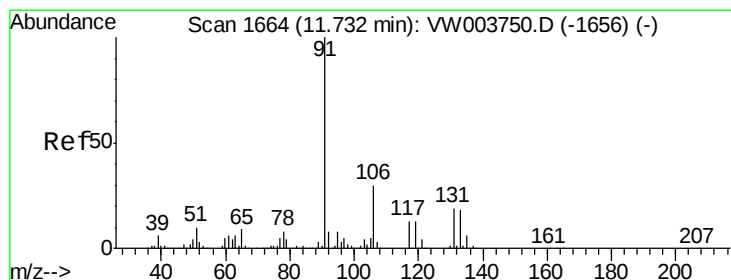
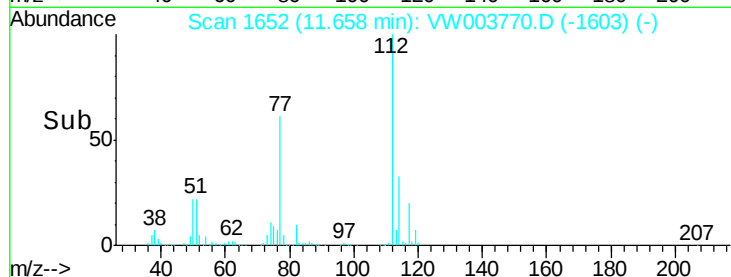
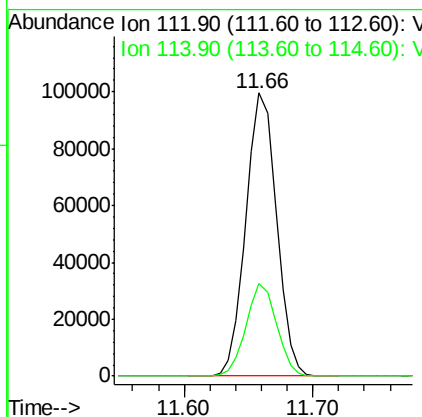
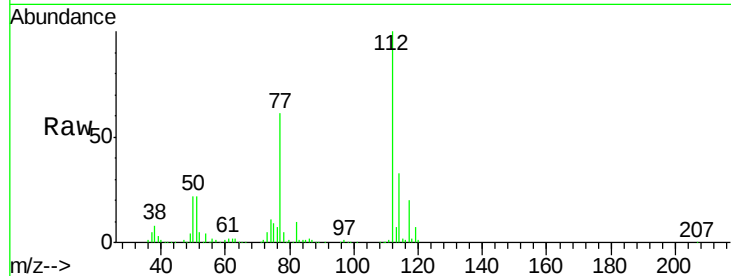
#65
Chlorobenzene
Concen: 20.461 ug/l
RT: 11.66 min Scan# 1652
Delta R.T. -0.00 min
Lab File: VW003770.D
Acq: 09 Jul 2018 12:07

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

Tot Ion:112 Resp: 164150
Ion Ratio Lower Upper
112 100
114 33.0 26.0 39.0

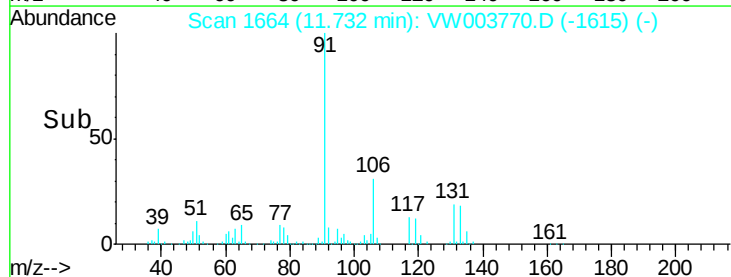
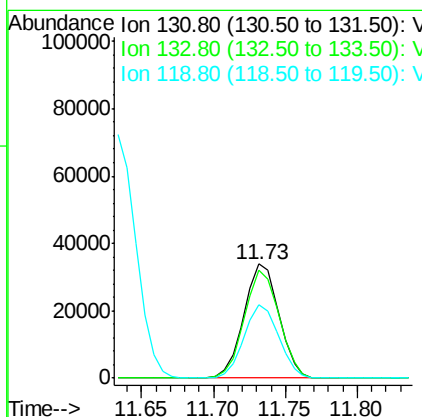
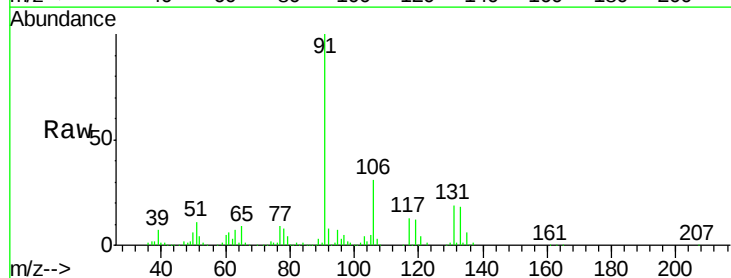
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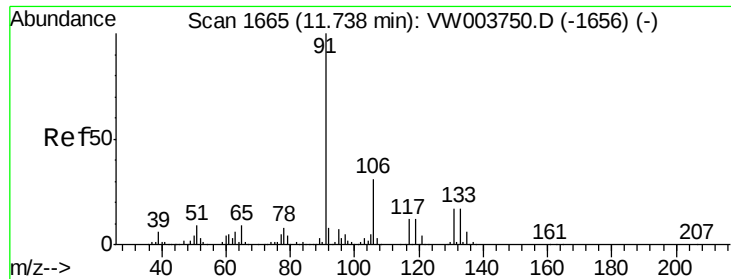
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.258 ug/l
RT: 11.73 min Scan# 1664
Delta R.T. -0.00 min
Lab File: VW003770.D
Acq: 09 Jul 2018 12:07

Tgt Ion:131 Resp: 56793
Ion Ratio Lower Upper
131 100
133 94.8 48.0 144.2
119 64.0 33.2 99.6





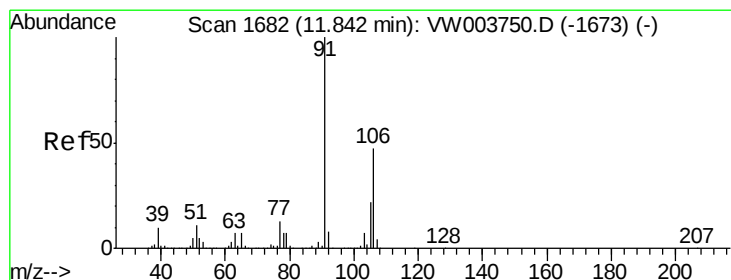
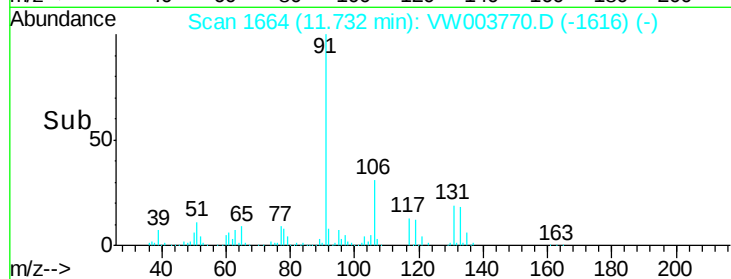
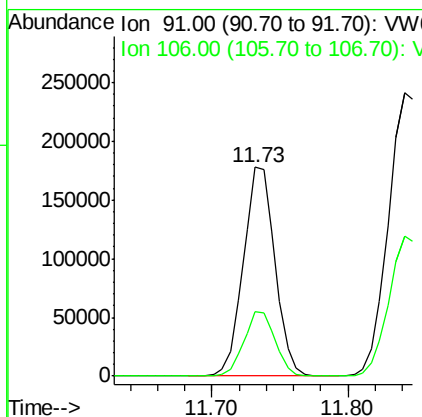
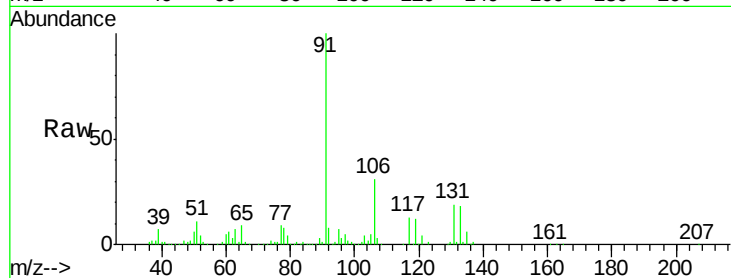
#67
Ethyl Benzene
Concen: 21.089 ug/l
RT: 11.73 min Scan# 1664
Delta R.T. -0.01 min
Lab File: VW003770.D
Acq: 09 Jul 2018 12:07

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

Tot Ion: 91 Resp: 289293
Ion Ratio Lower Upper
91 100
106 30.6 24.6 37.0

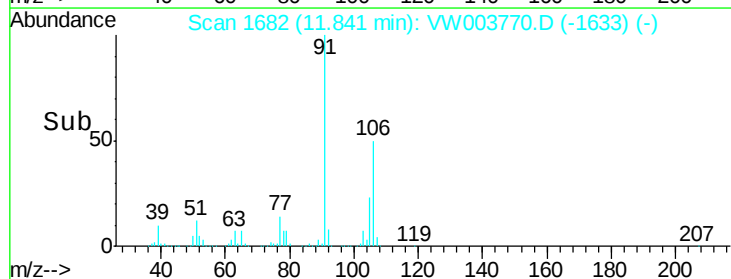
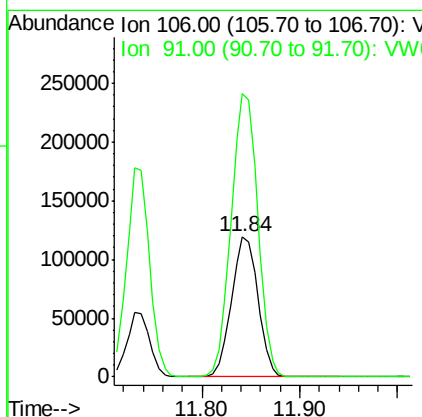
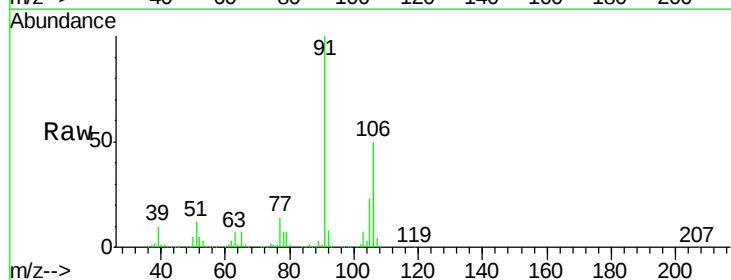
Manual Integrations
APPROVED

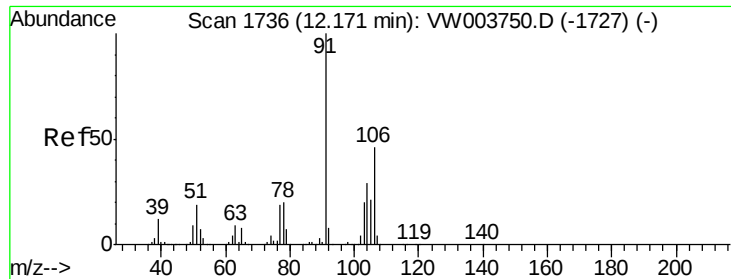
apatel
7/10/2018 10:47:12 AM



#68
m/p-Xylenes
Concen: 42.505 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VW003770.D
Acq: 09 Jul 2018 12:07

Tgt Ion: 106 Resp: 223277
Ion Ratio Lower Upper
106 100
91 204.2 164.3 246.5





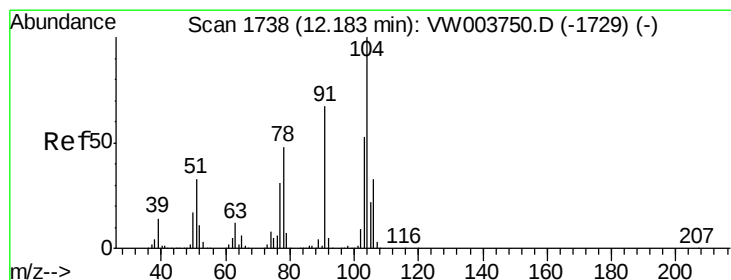
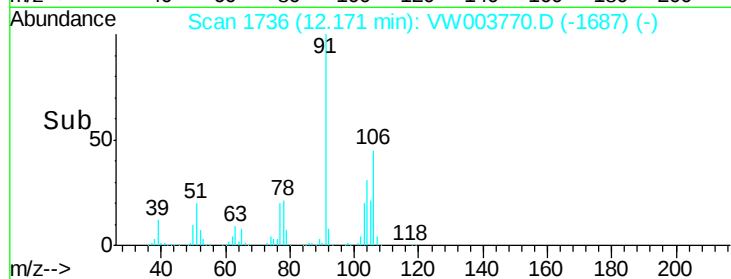
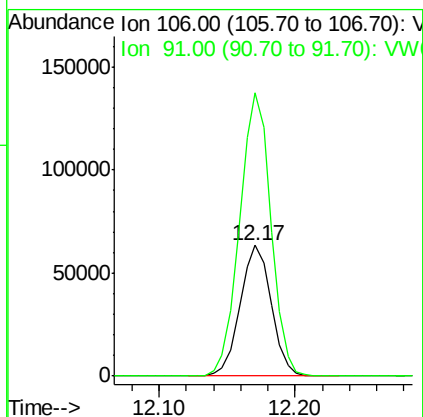
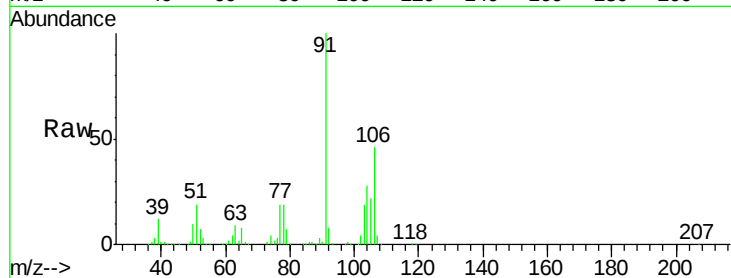
#69
o-Xylene
Concen: 20.841 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW003770.D
Acq: 09 Jul 2018 12:07

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	217.8	109.1	327.2

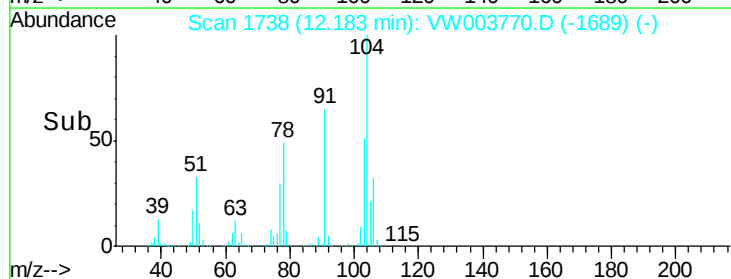
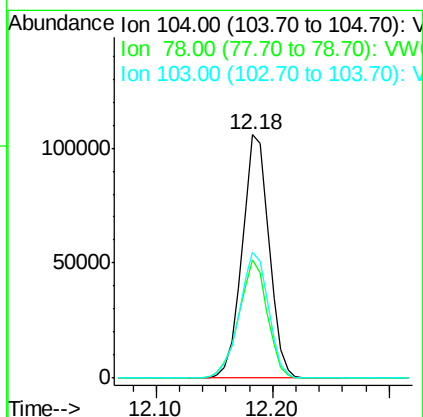
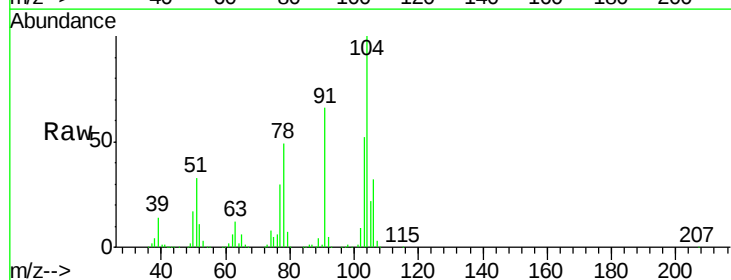
Manual Integrations
APPROVED

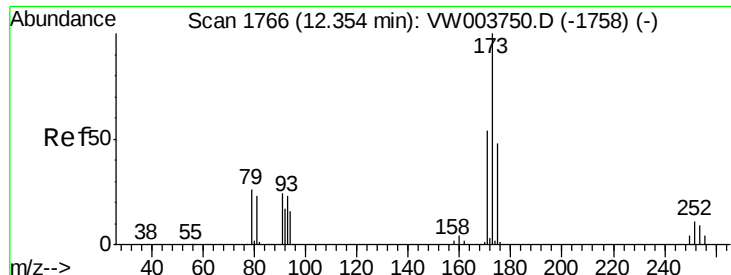
apatel
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#70
Styrene
Concen: 20.744 ug/l
RT: 12.18 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VW003770.D
Acq: 09 Jul 2018 12:07

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.5	41.1	61.7
103	55.9	44.6	67.0





#71

Bromoform

Concen: 19.264 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. -0.00 min

Lab File: VW003770.D

Acq: 09 Jul 2018 12:07

Instrument :

MSVOA_W

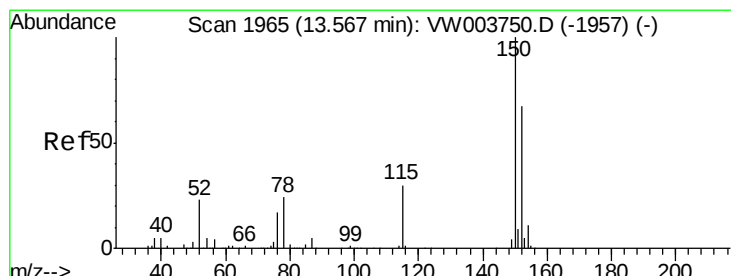
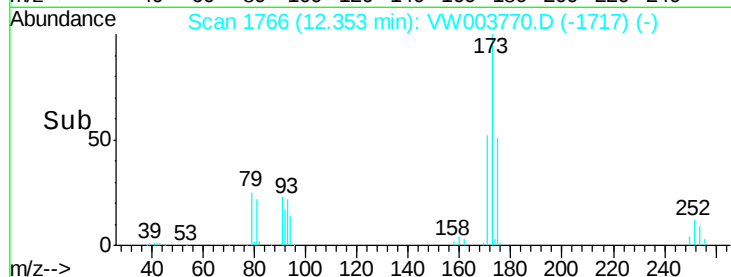
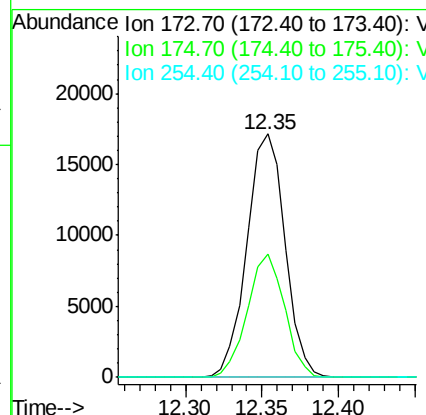
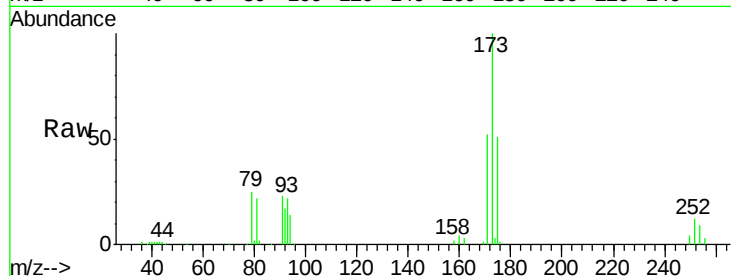
ClientSampleId :

VW0709SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.1	72.4
254	0.0	0.0	0.0

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

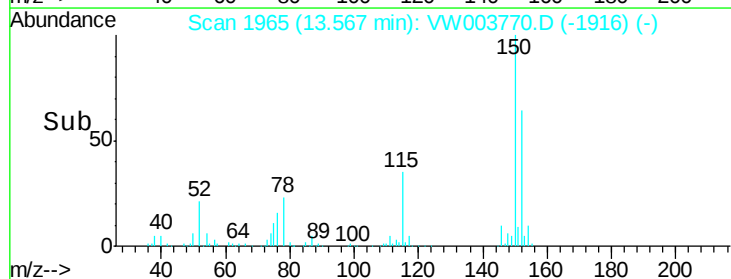
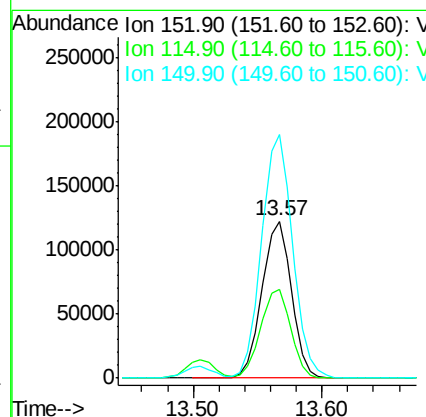
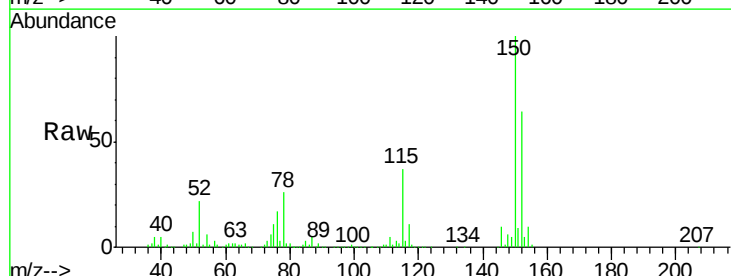
RT: 13.57 min Scan# 1965

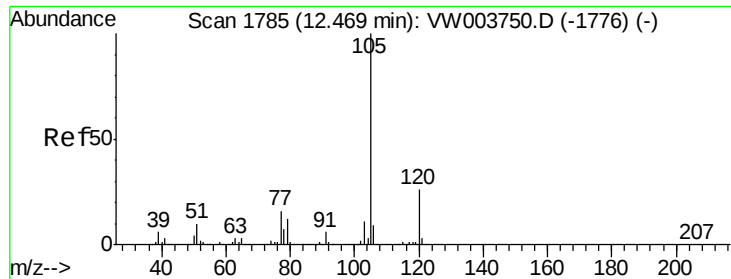
Delta R.T. -0.00 min

Lab File: VW003770.D

Acq: 09 Jul 2018 12:07

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.1	28.9	86.8
150	163.9	0.0	342.4





#73

Isopropylbenzene

Concen: 21.640 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW003770.D

Acq: 09 Jul 2018 12:07

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBS01

Tot Ion: 105 Resp: 282361

Ion Ratio Lower Upper

105 100

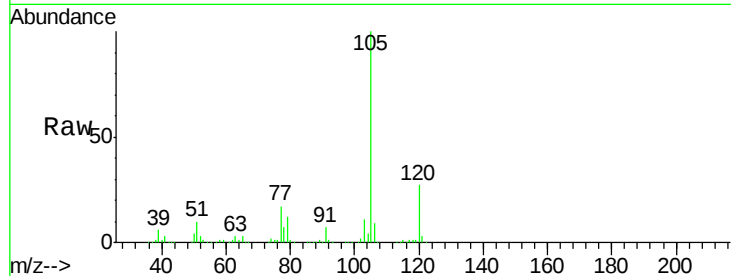
120 26.0 13.1 39.3

Manual Integrations

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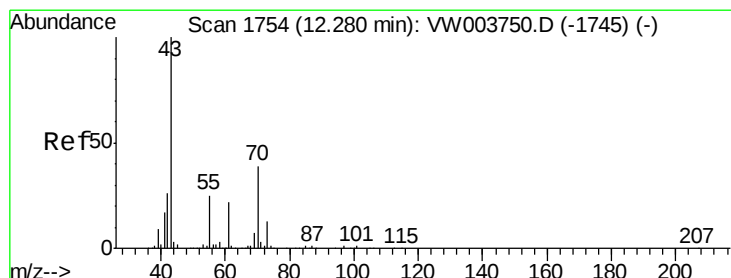
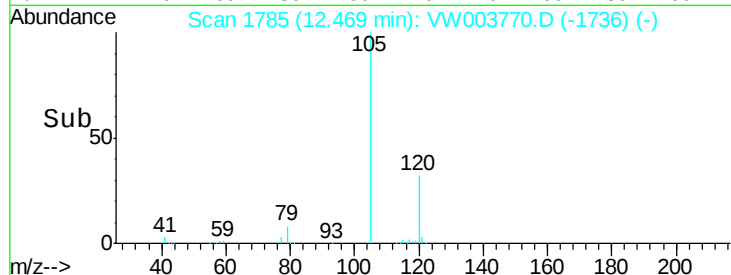
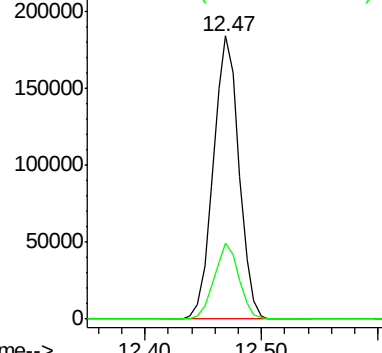
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.360 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VW003770.D

Acq: 09 Jul 2018 12:07

Tgt Ion: 43 Resp: 64936

Ion Ratio Lower Upper

43 100

70 41.2 31.3 46.9

55 27.8 20.1 30.1

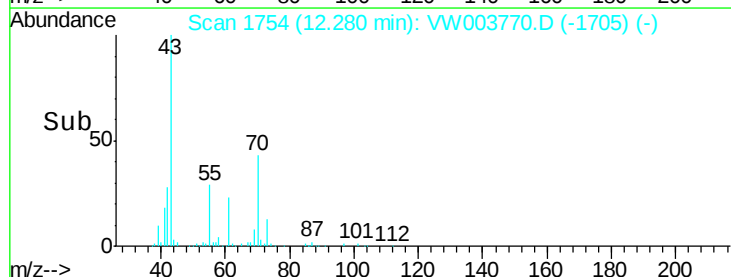
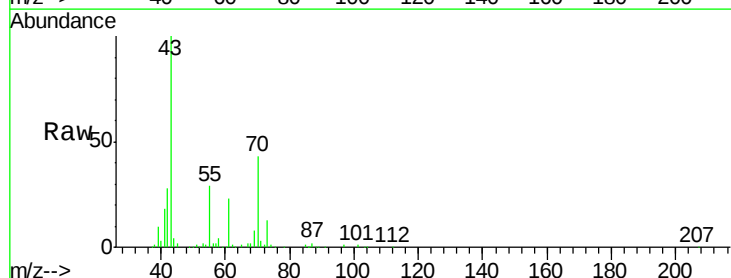
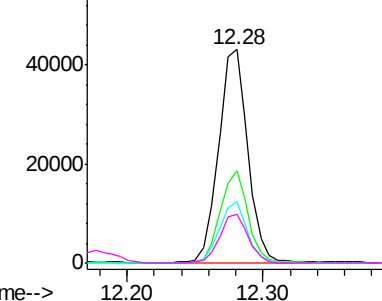
61 22.3 17.7 26.5

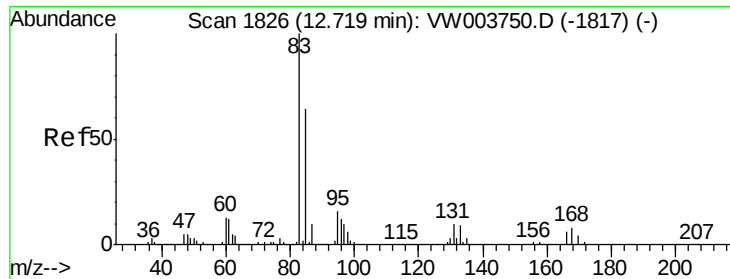
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 19.569 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW003770.D

Acq: 09 Jul 2018 12:07

Instrument :

MSVOA_W

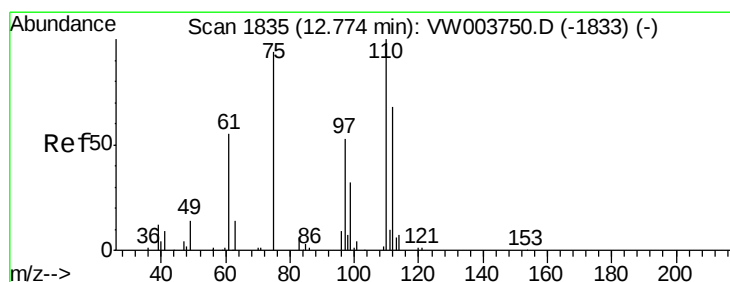
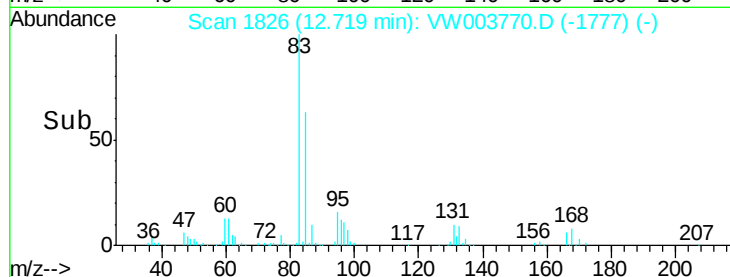
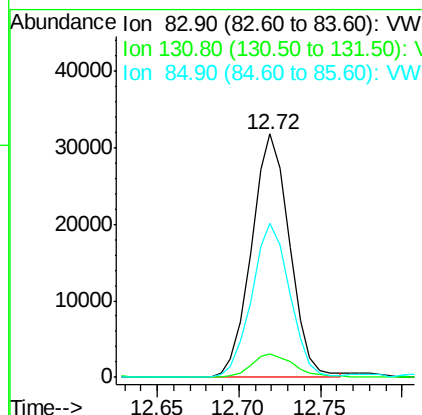
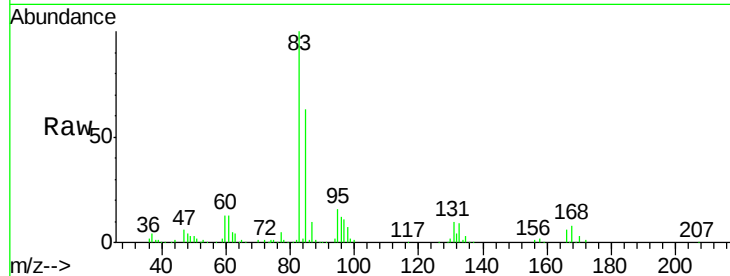
ClientSampleId :

VW0709SBS01

Tot Ion:	83	Resp:	51763
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.1	15.4
85	62.9	32.1	96.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 18.077 ug/l m

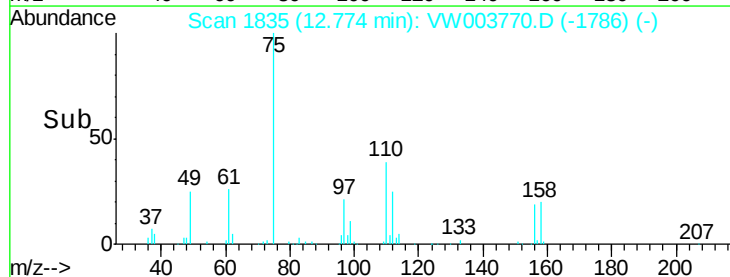
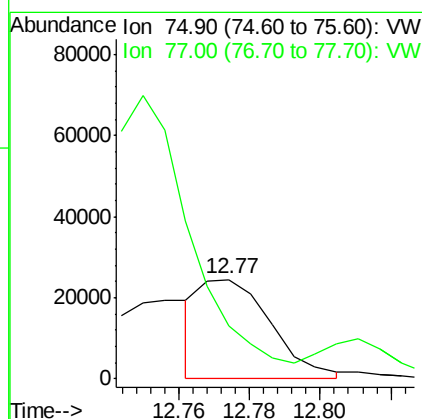
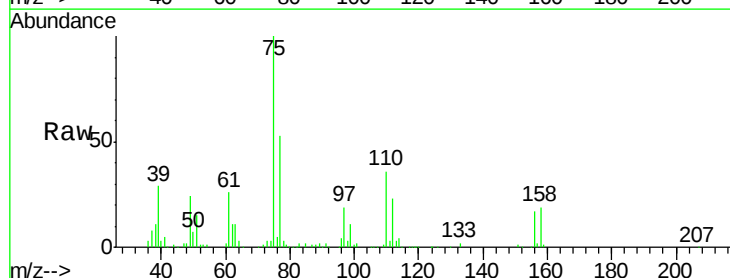
RT: 12.77 min Scan# 1835

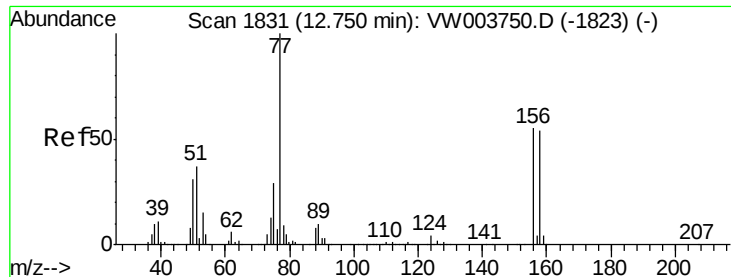
Delta R.T. -0.00 min

Lab File: VW003770.D

Acq: 09 Jul 2018 12:07

Tgt Ion:	75	Resp:	34202
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.948 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VW003770.D

Acq: 09 Jul 2018 12:07

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBS01

Tot Ion:156 Resp: 67858

Ion Ratio Lower Upper

156 100

77 187.6 98.7 296.0

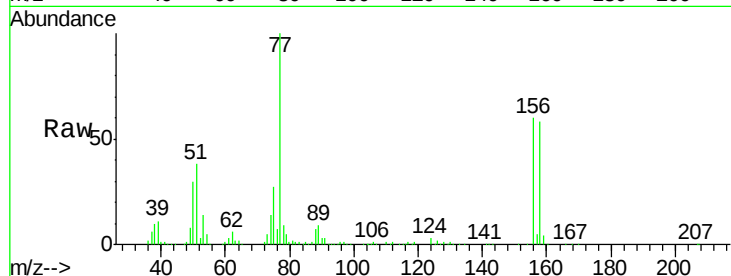
158 97.2 49.0 147.0

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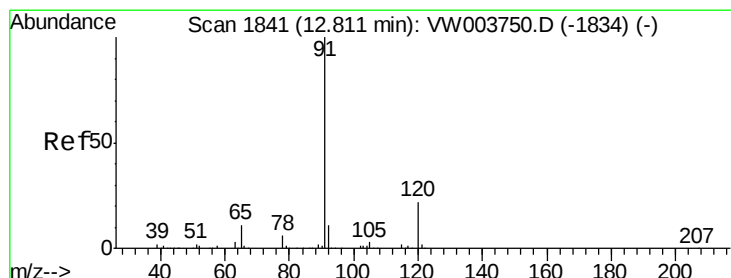
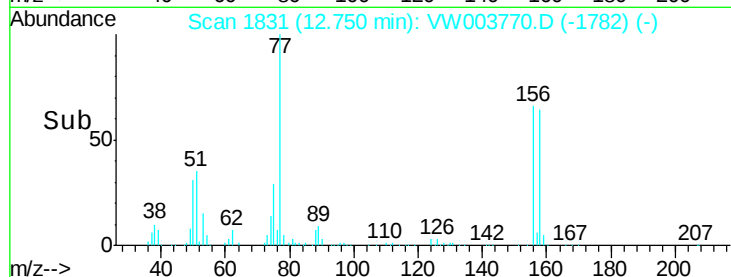
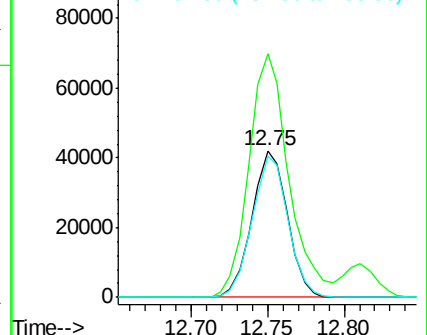
7/10/2018 10:47:12 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.666 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VW003770.D

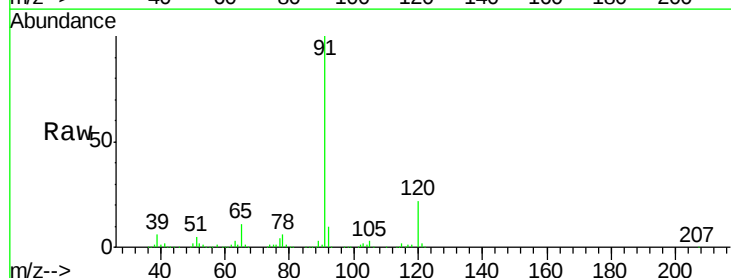
Acq: 09 Jul 2018 12:07

Tgt Ion: 91 Resp: 354885

Ion Ratio Lower Upper

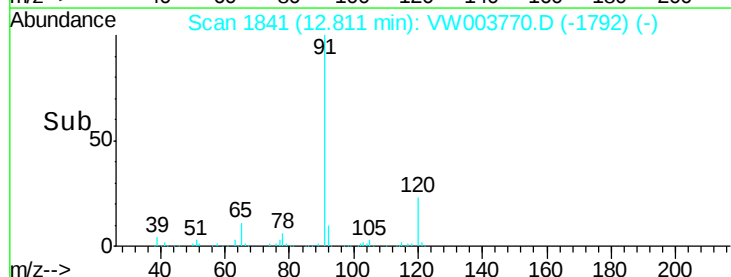
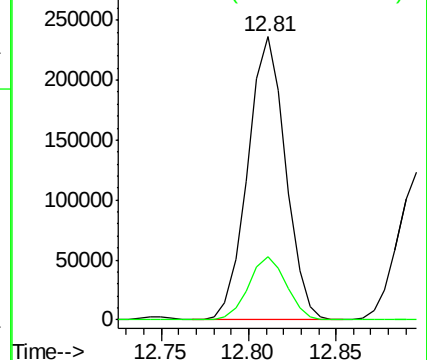
91 100

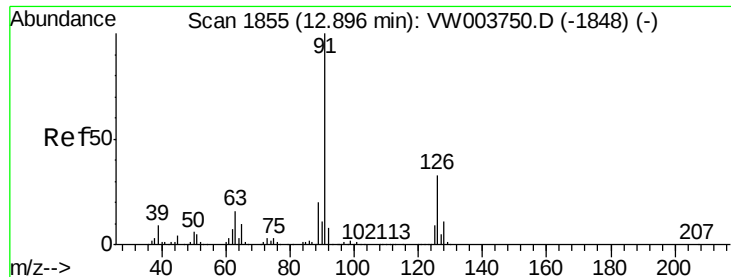
120 22.3 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.141 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW003770.D

Acq: 09 Jul 2018 12:07

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBS01

Tot Ion: 91 Resp: 198940

Ion Ratio Lower Upper

91 100

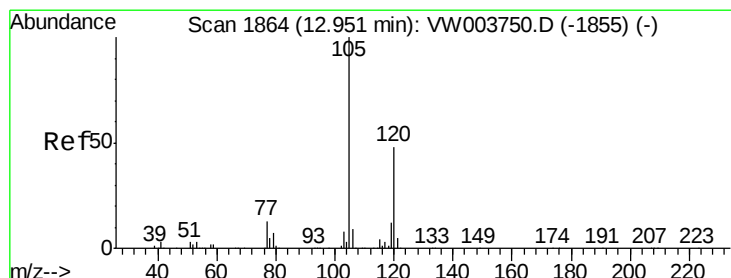
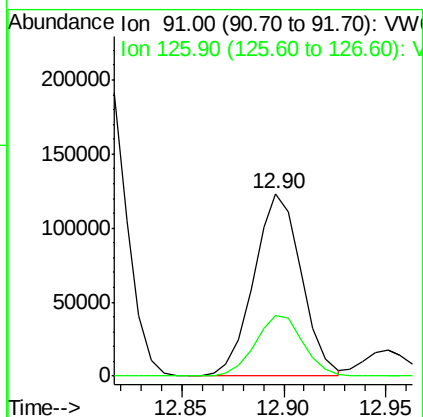
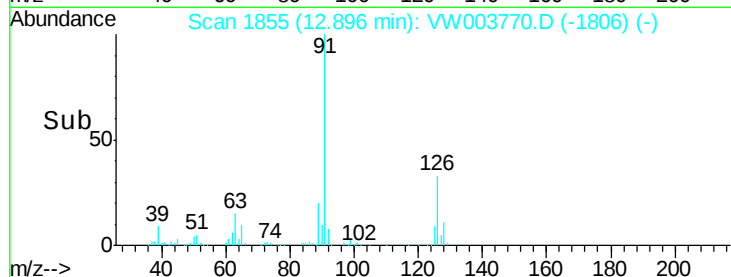
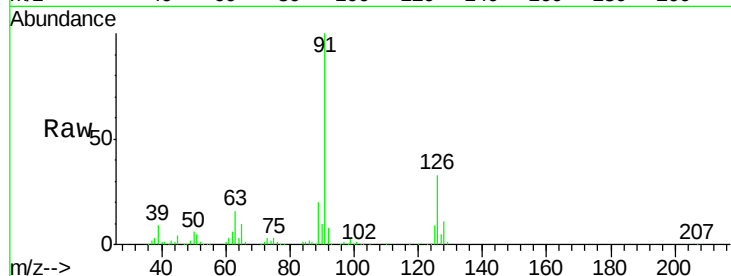
126 33.6 17.0 51.0

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#80

1,3,5-Trimethylbenzene

Concen: 21.497 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW003770.D

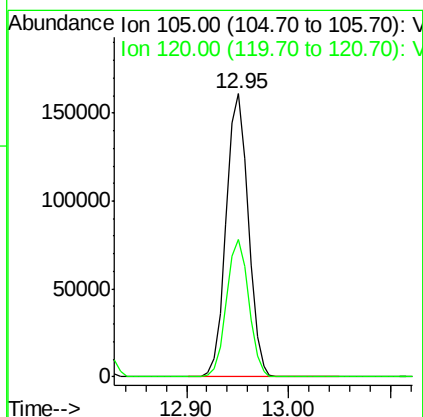
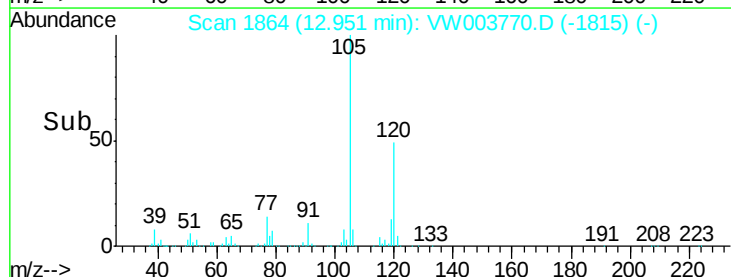
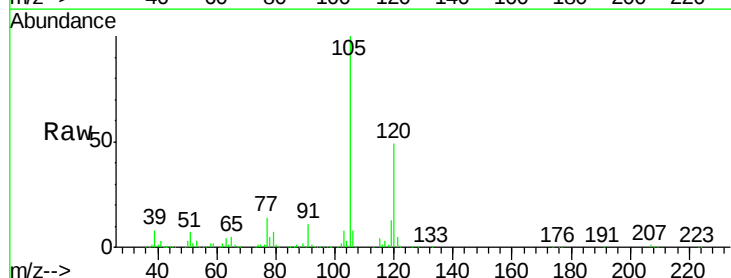
Acq: 09 Jul 2018 12:07

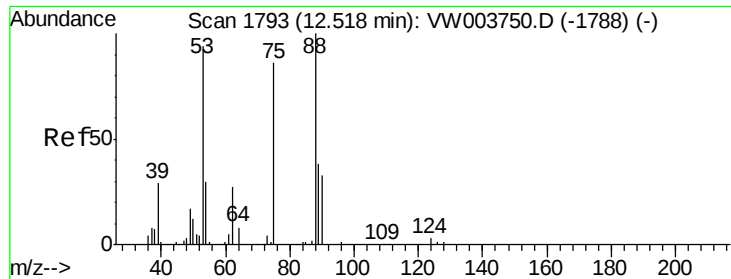
Tgt Ion:105 Resp: 241760

Ion Ratio Lower Upper

105 100

120 48.8 24.2 72.6





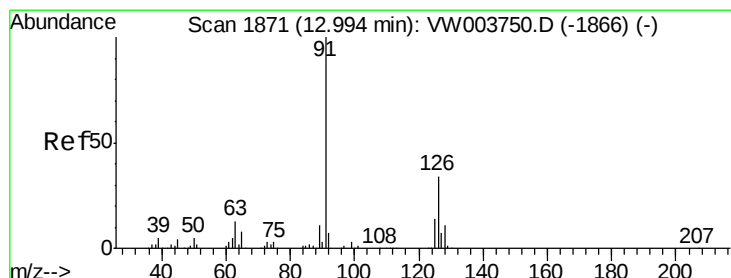
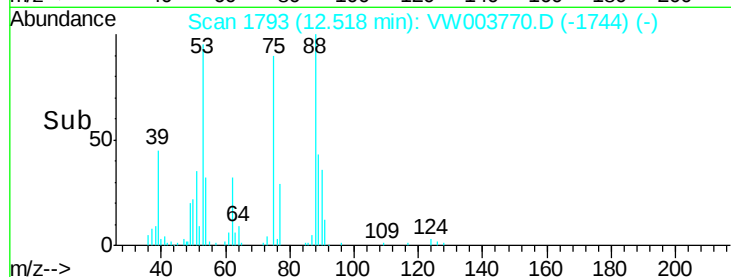
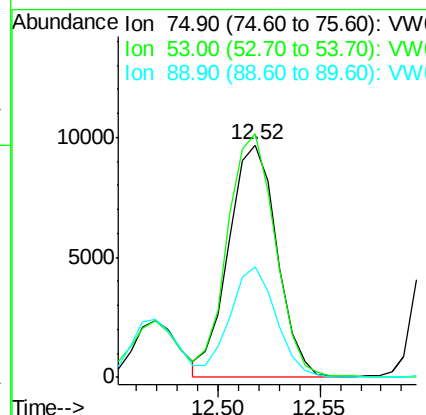
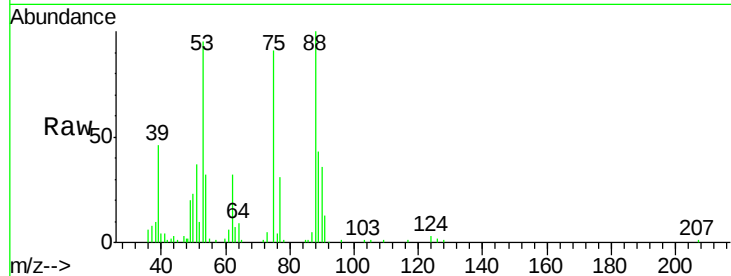
#81
trans-1,4-Dichloro-2-butene
Concen: 20.634 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VW003770.D
Acq: 09 Jul 2018 12:07

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	104.0	85.0	127.6
89	45.9	36.3	54.5

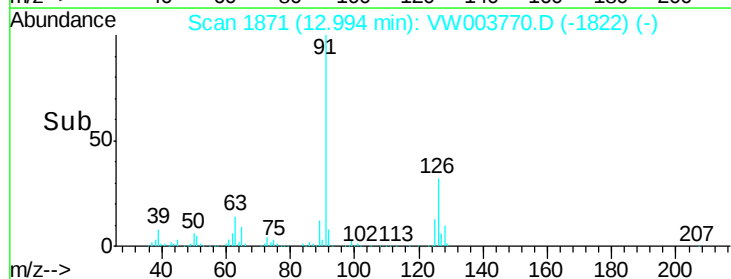
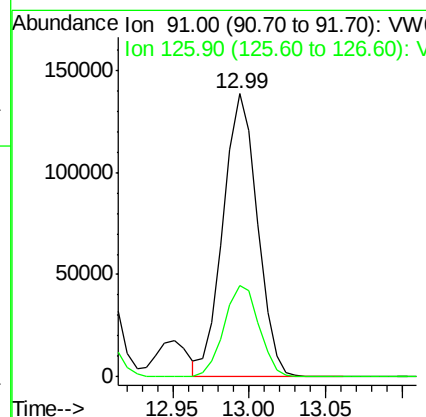
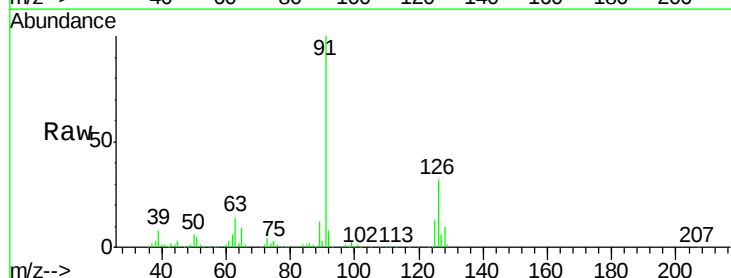
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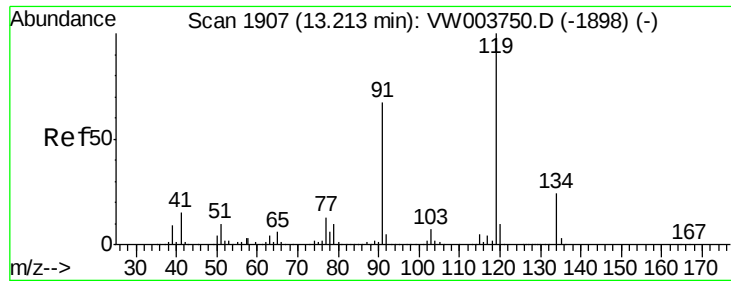
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#82
4-Chlorotoluene
Concen: 21.275 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. -0.00 min
Lab File: VW003770.D
Acq: 09 Jul 2018 12:07

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.9	16.5	49.5





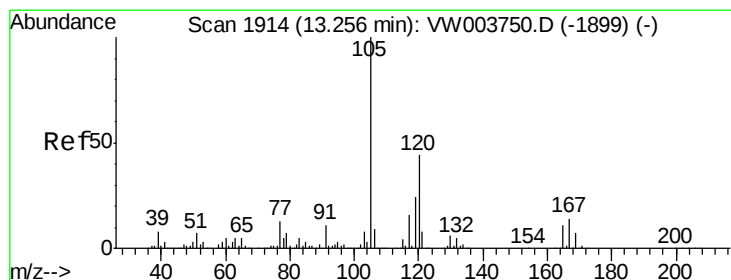
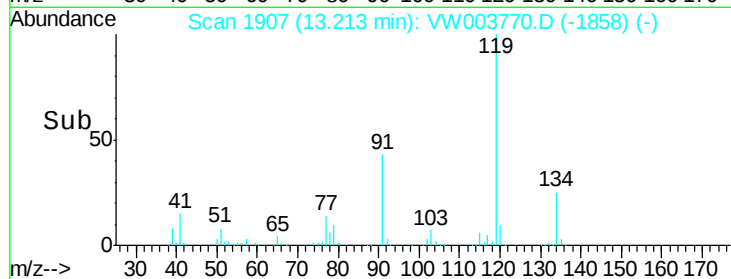
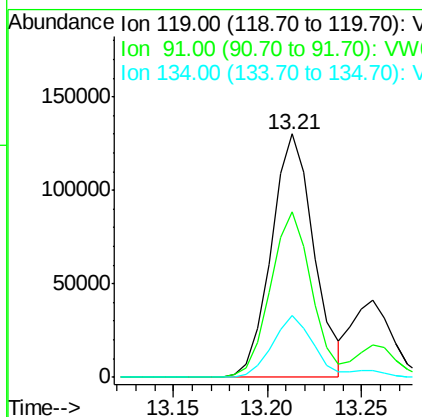
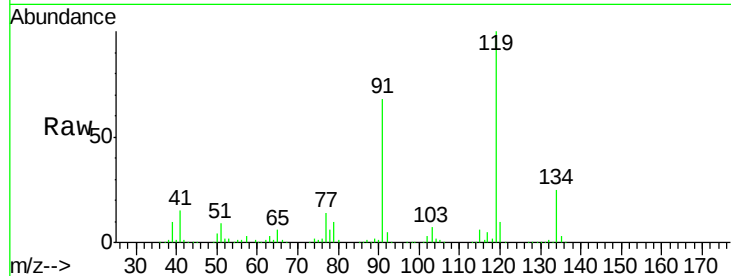
#83
tert-Butylbenzene
Concen: 21.975 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. -0.00 min
Lab File: VW003770.D
Acq: 09 Jul 2018 12:07

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	203811		
91	65.8	33.0	98.9	
134	24.7	12.8	38.4	

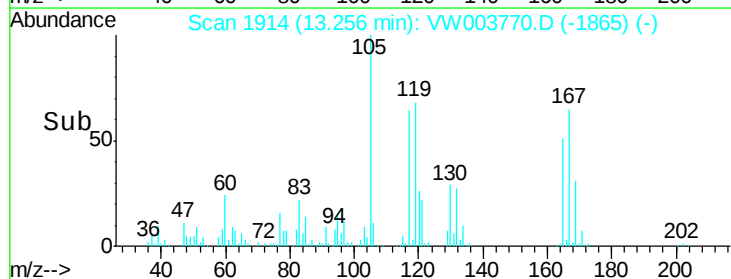
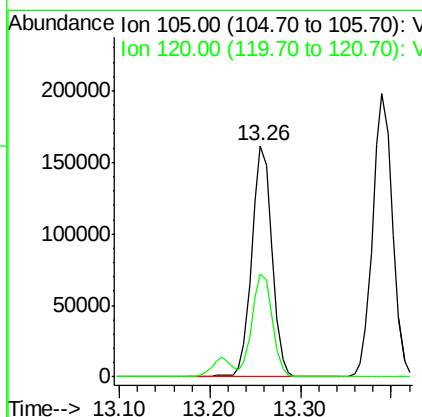
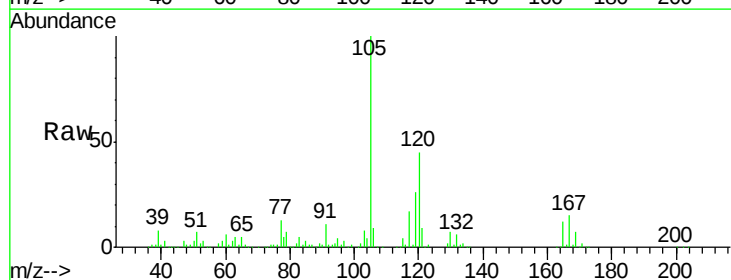
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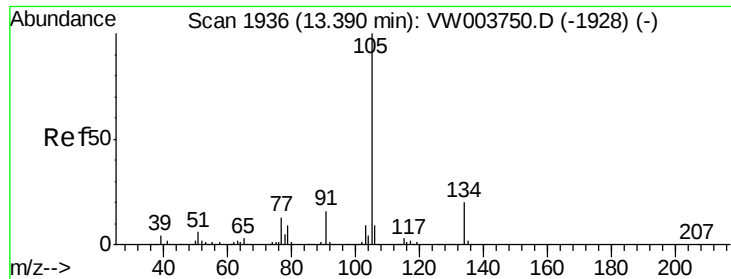
apatel
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#84
1,2,4-Trimethylbenzene
Concen: 21.340 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. -0.00 min
Lab File: VW003770.D
Acq: 09 Jul 2018 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	249321		
120	44.8	22.0	66.0	





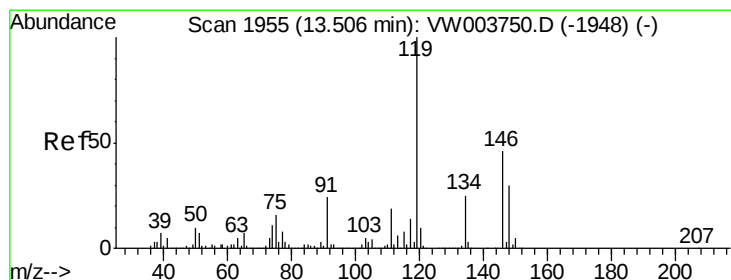
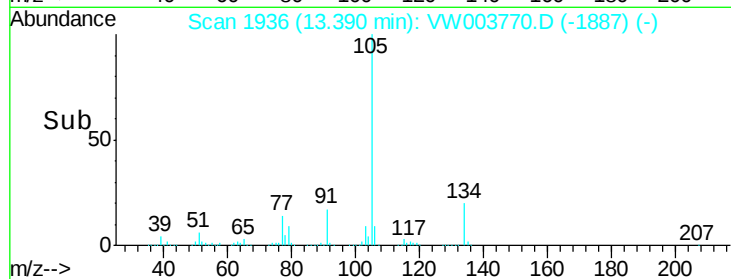
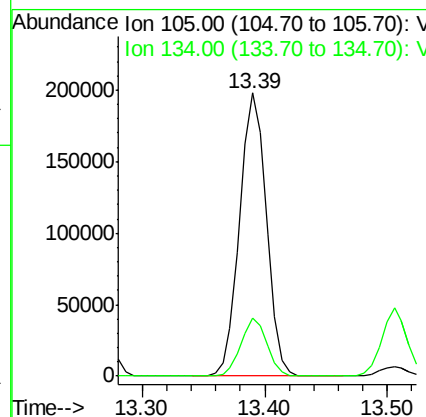
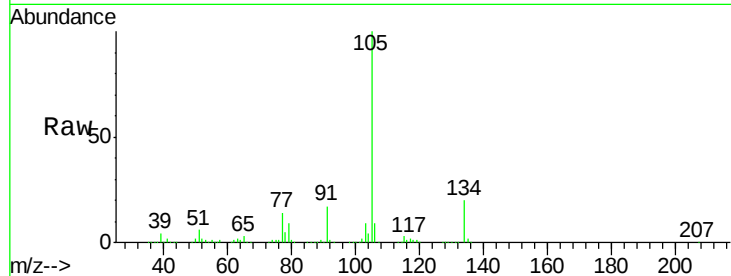
#85
 sec-Butylbenzene
 Concen: 21.566 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VW003770.D
 Acq: 09 Jul 2018 12:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	299219		
134	19.9	9.8	29.4	

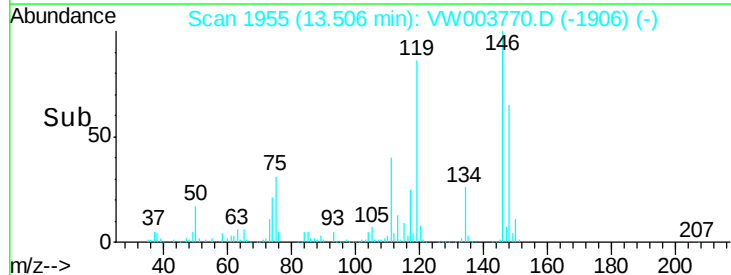
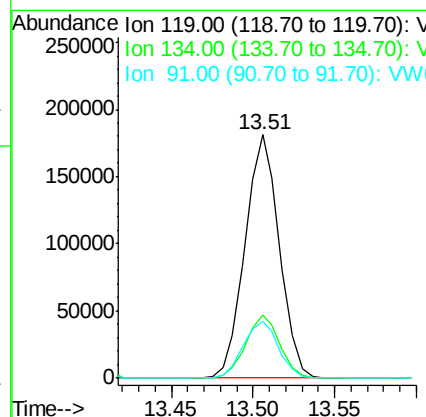
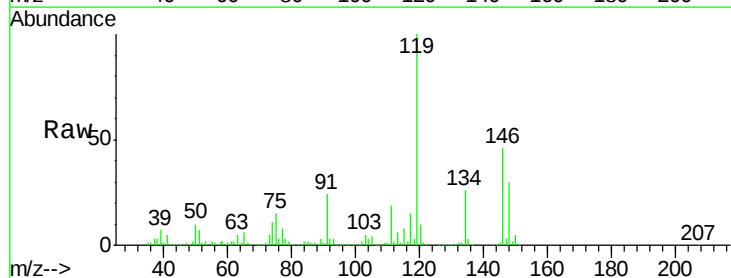
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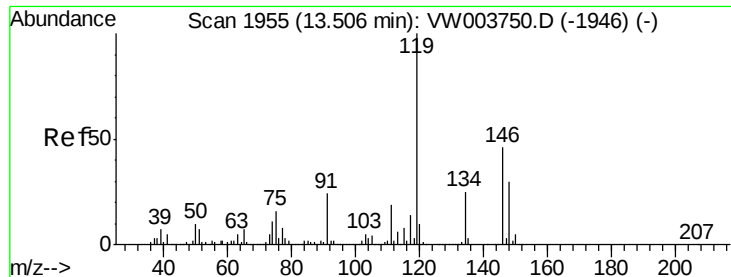
apatel
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#86
 p-Isopropyltoluene
 Concen: 21.772 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW003770.D
 Acq: 09 Jul 2018 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	263953		
134	26.0	13.1	39.1	
91	24.1	11.9	35.9	





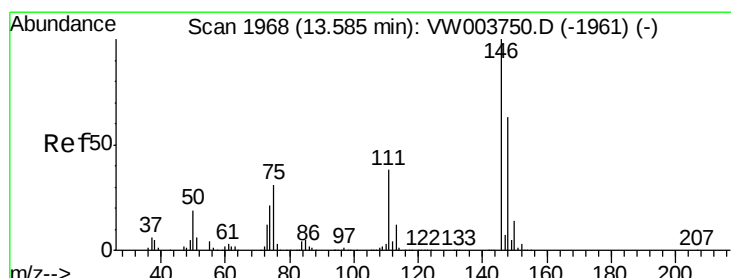
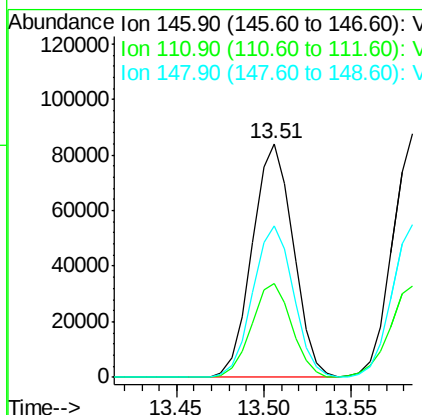
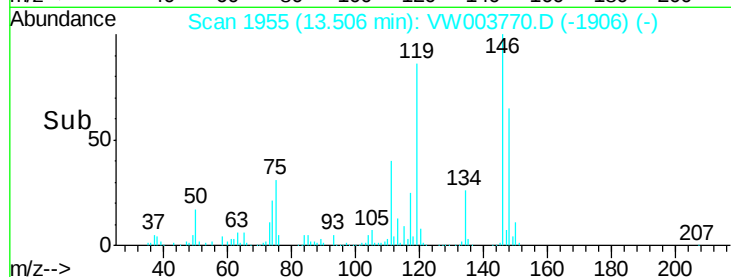
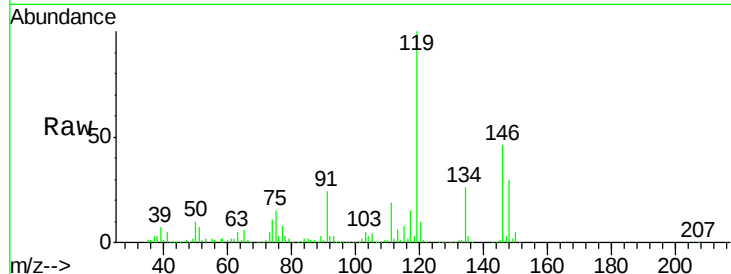
#87
 1,3-Dichlorobenzene
 Concen: 20.871 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW003770.D
 Acq: 09 Jul 2018 12:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	20.2	60.5
148	64.1	31.9	95.7

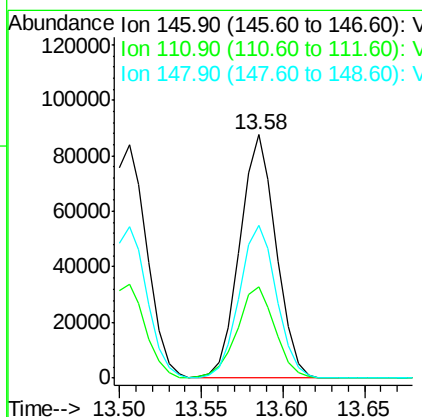
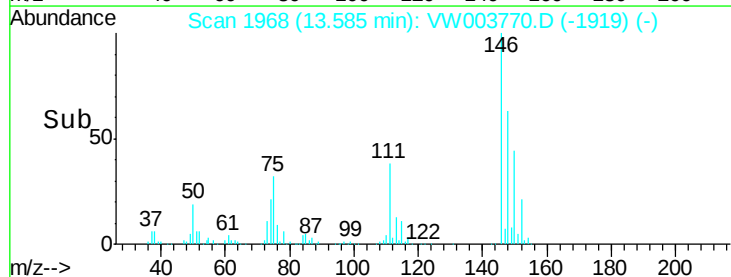
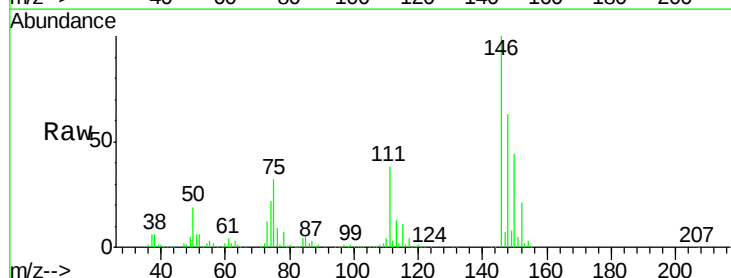
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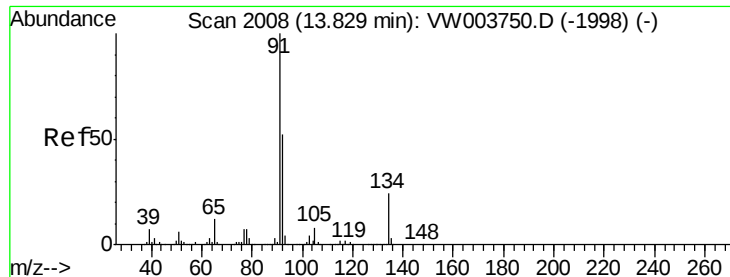
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 20.556 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW003770.D
 Acq: 09 Jul 2018 12:07

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.4	58.4
148	64.3	31.9	95.7





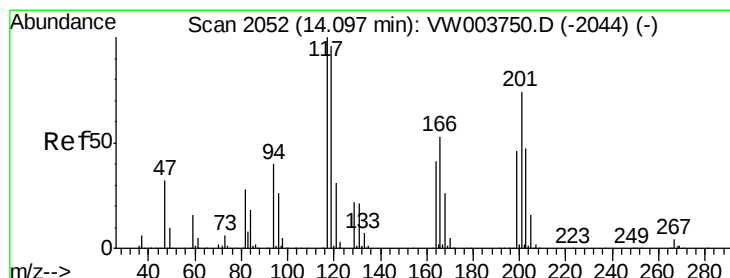
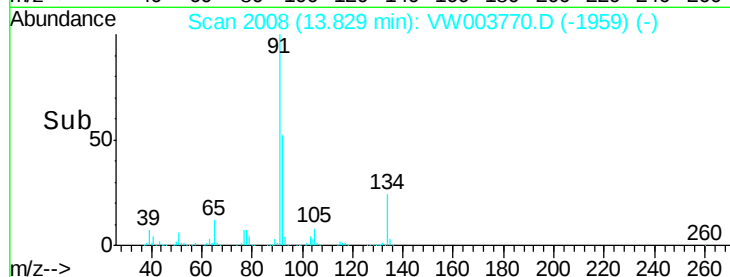
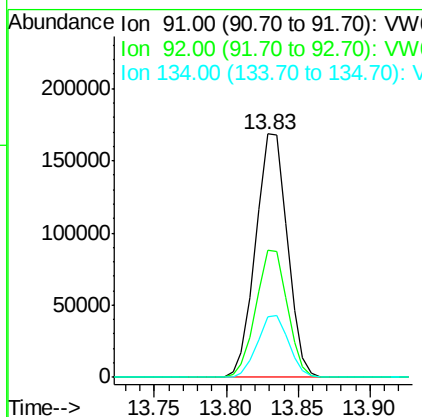
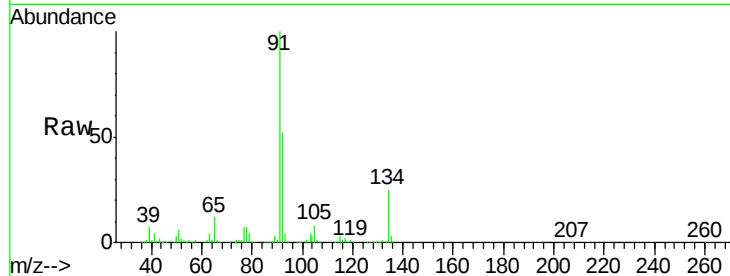
#89
n-Butylbenzene
Concen: 21.490 ug/l
RT: 13.83 min Scan# 2008
Delta R.T. -0.00 min
Lab File: VW003770.D
Acq: 09 Jul 2018 12:07

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.8	26.1	78.3
134	25.0	12.4	37.4

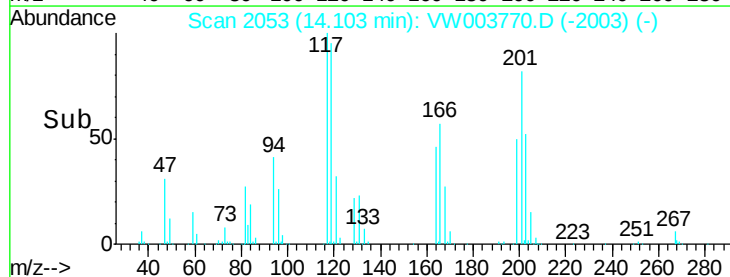
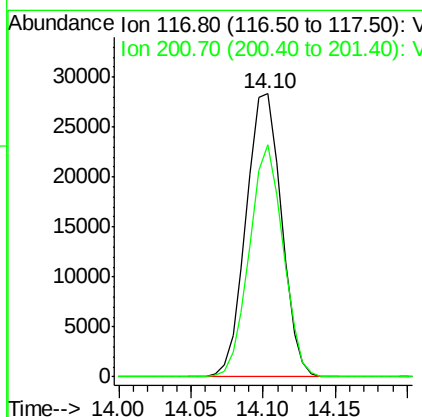
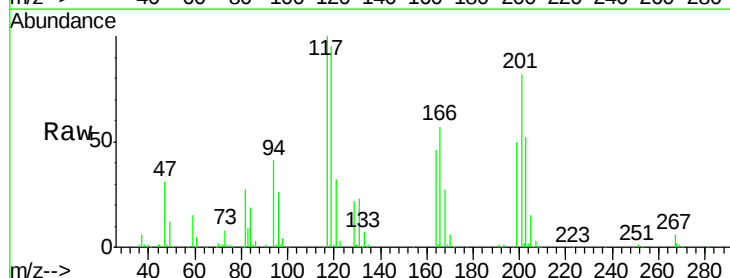
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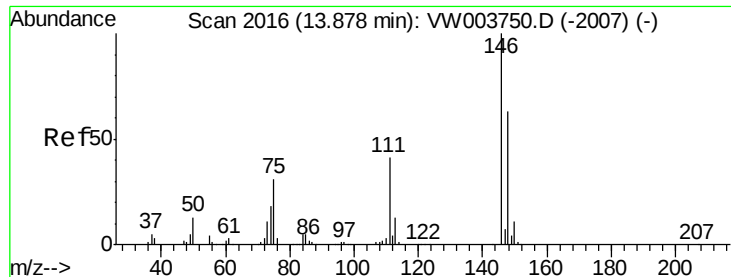
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#90
Hexachloroethane
Concen: 20.717 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.01 min
Lab File: VW003770.D
Acq: 09 Jul 2018 12:07

Tgt Ion	Ratio	Lower	Upper
117	100		
201	77.6	39.2	117.6





#91

1,2-Dichlorobenzene

Concen: 20.867 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. -0.00 min

Lab File: VW003770.D

Acq: 09 Jul 2018 12:07

Instrument :

MSVOA_W

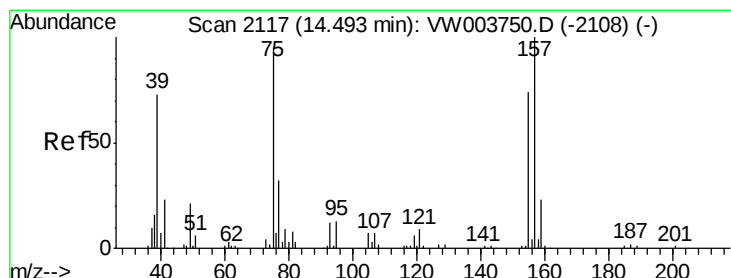
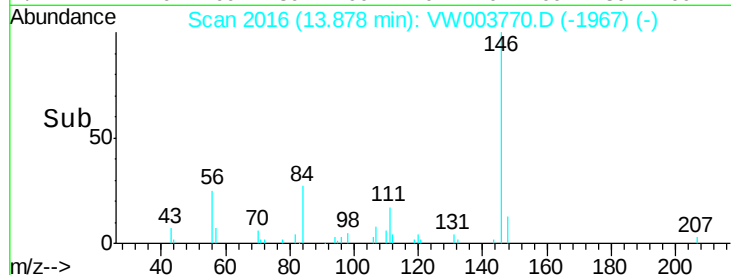
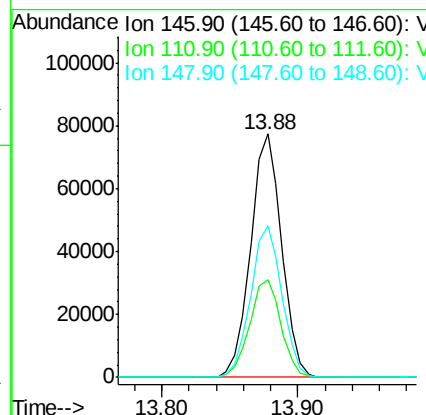
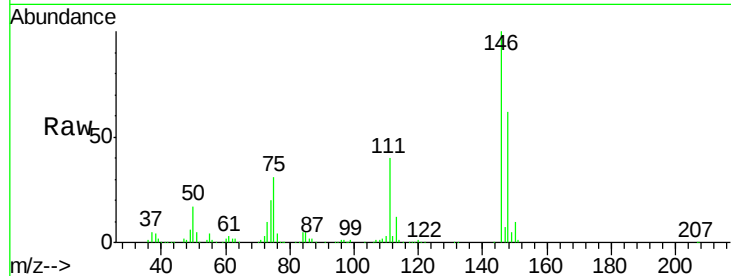
ClientSampleId :

VW0709SBS01

Tot Ion:	146	Resp:	123264
Ion Ratio	Lower	Upper	
146	100		
111	40.9	20.7	62.1
148	63.0	31.9	95.9

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#92

1,2-Dibromo-3-Chloropropane

Concen: 18.699 ug/l

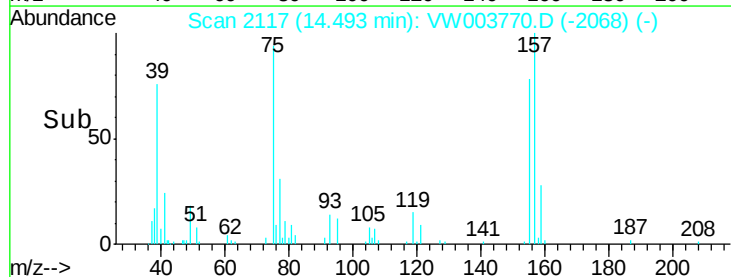
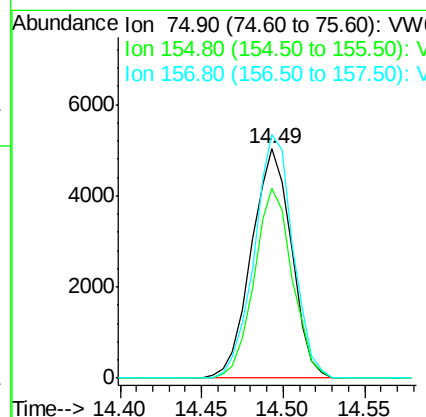
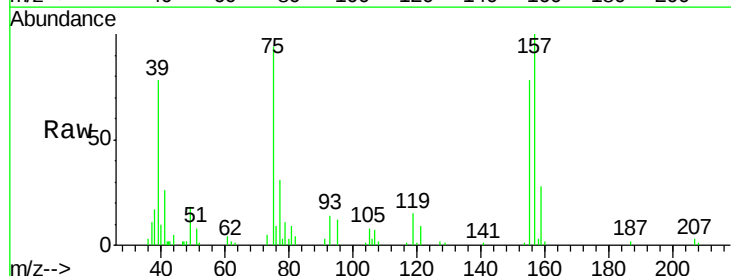
RT: 14.49 min Scan# 2117

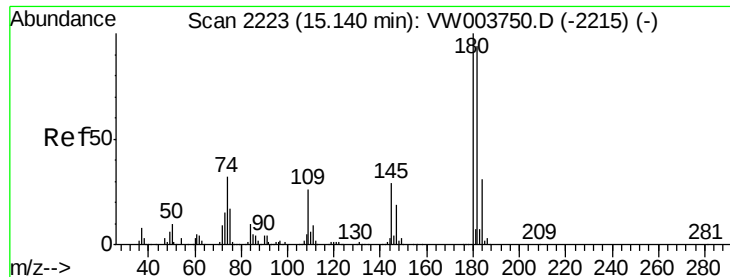
Delta R.T. -0.00 min

Lab File: VW003770.D

Acq: 09 Jul 2018 12:07

Tgt Ion:	75	Resp:	8562
Ion Ratio	Lower	Upper	
75	100		
155	78.8	39.2	117.6
157	102.5	50.7	152.1





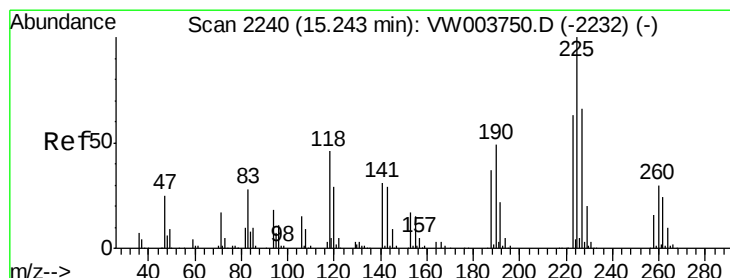
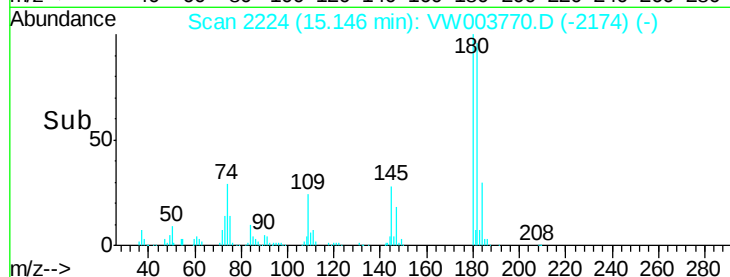
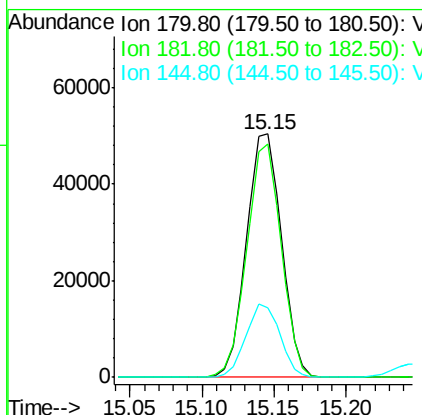
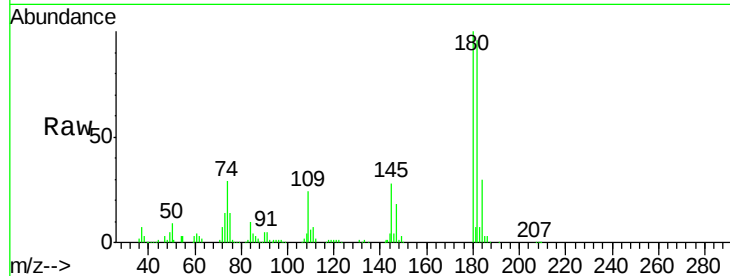
#93
 1,2,4-Trichlorobenzene
 Concen: 21.212 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.01 min
 Lab File: VW003770.D
 Acq: 09 Jul 2018 12:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.4	142.2
145	29.3	15.0	45.0

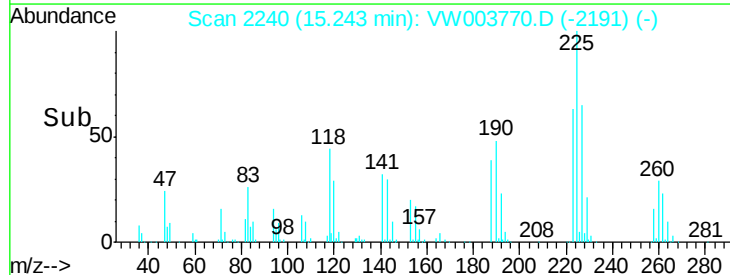
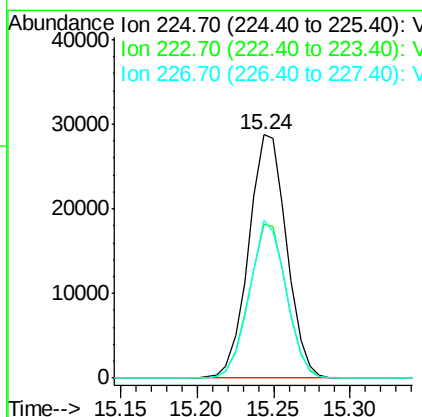
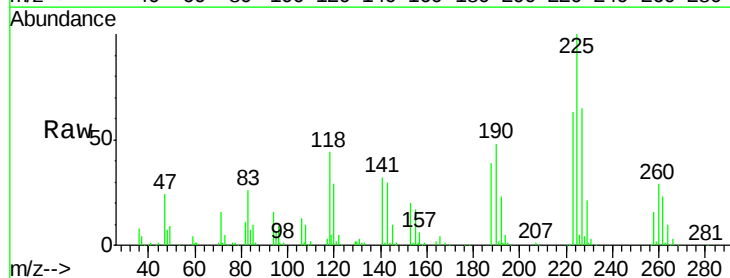
Manual Integrations
 APPROVED

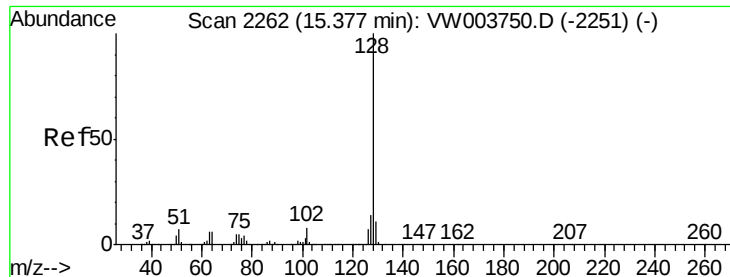
apatel
 7/10/2018 10:47:12 AM



#94
 Hexachlorobutadiene
 Concen: 21.608 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. -0.00 min
 Lab File: VW003770.D
 Acq: 09 Jul 2018 12:07

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	32.6	97.7
227	62.5	32.5	97.5





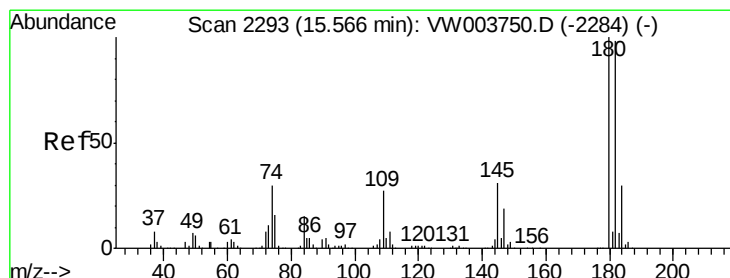
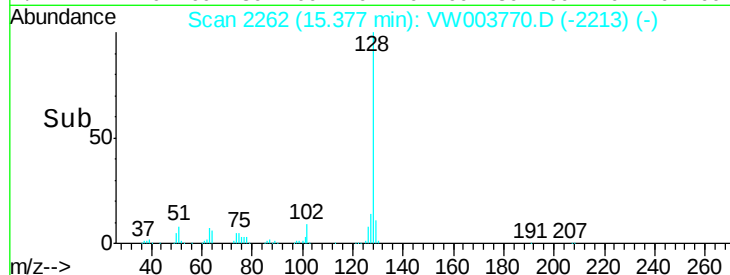
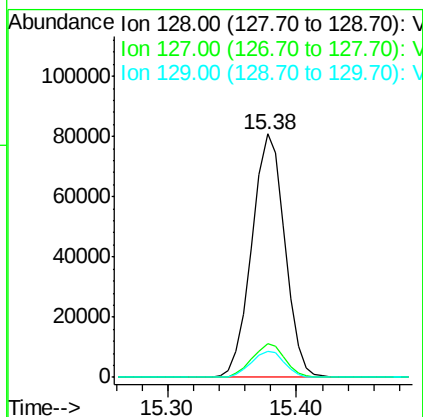
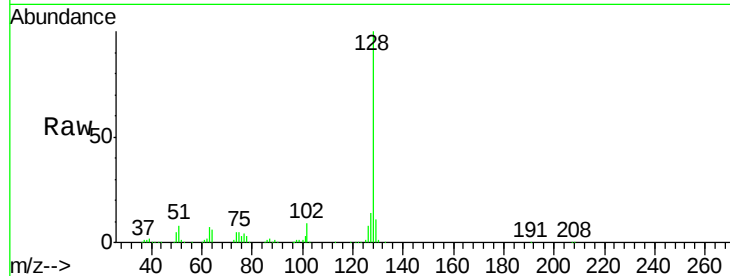
#95
Naphthalene
Concen: 19.882 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VW003770.D
Acq: 09 Jul 2018 12:07

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.8	16.2
129	11.1	8.6	13.0

Manual Integrations
APPROVED

apatel
7/10/2018 10:47:12 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.732 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VW003770.D
Acq: 09 Jul 2018 12:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	47.4	142.3
145	31.5	15.8	47.4

