

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071118\
 Data File : VW003872.D
 Acq On : 11 Jul 2018 19:15
 Operator : SY/AP
 Sample : VW0711SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0711SBS01

Manual Integrations
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apatel
 7/12/2018 10:59:00 AM

Quant Time: Jul 12 02:23:34 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	215767	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	335127	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	312112	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	169192	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	129273	45.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.62%	
35) Dibromofluoromethane	7.88	113	112053	47.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.54%	
50) Toluene-d8	10.33	98	440385	49.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.16%	
62) 4-Bromofluorobenzene	12.62	95	158326	48.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	19686	18.760	ug/l	98
3) Chloromethane	2.21	50	40930	20.545	ug/l	97
4) Vinyl Chloride	2.36	62	53405	20.325	ug/l	95
5) Bromomethane	2.78	94	37619	20.282	ug/l	96
6) Chloroethane	2.92	64	32772	20.797	ug/l	99
7) Trichlorofluoromethane	3.25	101	23592	22.226	ug/l	98
8) Diethyl Ether	3.67	74	24023	22.083	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	47394	22.959	ug/l	98
10) Methyl Iodide	4.26	142	65922	21.454	ug/l	98
11) Tert butyl alcohol	5.23	59	13435	87.861	ug/l #	84
12) 1,1-Dichloroethene	4.03	96	46386	22.885	ug/l	97
13) Acrolein	3.90	56	17887	78.093	ug/l	99
14) Allyl chloride	4.65	41	77591	22.018	ug/l	99
15) Acrylonitrile	5.38	53	53897	98.937	ug/l	99
16) Acetone	4.14	43	51561	105.325	ug/l	98
17) Carbon Disulfide	4.37	76	144786	21.789	ug/l	99
18) Methyl Acetate	4.68	43	26236	19.009	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	83732	19.992	ug/l	97
20) Methylene Chloride	4.91	84	72861	28.670	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	50695	21.127	ug/l	95
22) Diisopropyl ether	6.31	45	161413	20.835	ug/l	98
23) Vinyl Acetate	6.26	43	473017	100.019	ug/l	100
24) 1,1-Dichloroethane	6.21	63	95321	20.343	ug/l	99
25) 2-Butanone	7.18	43	73190	95.454	ug/l	98
26) 2,2-Dichloropropane	7.17	77	55324	21.769	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	53544	20.179	ug/l	99
28) Bromochloromethane	7.51	49	42011	20.126	ug/l	100
29) Tetrahydrofuran	7.54	42	46458	94.254	ug/l	98
30) Chloroform	7.67	83	97587	20.416	ug/l	96
31) Cyclohexane	7.96	56	86430	20.991	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	75388	20.723	ug/l	99
36) 1,1-Dichloropropene	8.08	75	77167	21.701	ug/l	100
37) Ethyl Acetate	7.26	43	33513	19.370	ug/l	99
38) Carbon Tetrachloride	8.07	117	72302	21.386	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	86537	22.220	ug/l	97
40) Benzene	8.32	78	217398	21.385	ug/l	98
41) Methacrylonitrile	7.49	41	18511	18.599	ug/l	97
42) 1,2-Dichloroethane	8.40	62	67827	20.616	ug/l	99
43) Isopropyl Acetate	8.43	43	62957	19.199	ug/l	99
44) Trichloroethene	9.09	130	54198	21.148	ug/l	97
45) 1,2-Dichloropropane	9.37	63	55338	20.936	ug/l	99
46) Dibromomethane	9.46	93	28093	20.213	ug/l	99
47) Bromodichloromethane	9.65	83	70342	20.573	ug/l	99
48) Methyl methacrylate	9.44	41	29643	18.982	ug/l	95
49) 1,4-Dioxane	9.48	88	7714	371.364	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	164862	97.156	ug/l	100
52) Toluene	10.39	92	137009	21.735	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	68758	20.141	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	79820	20.712	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	38494	19.942	ug/l	96
56) Ethyl methacrylate	10.65	69	46064	19.555	ug/l	98
57) 1,3-Dichloropropane	10.93	76	67832	20.161	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	101398	90.617	ug/l	99
59) 2-Hexanone	10.98	43	114297	98.090	ug/l	96
60) Dibromochloromethane	11.13	129	44269	19.646	ug/l	99
61) 1,2-Dibromoethane	11.24	107	37190	20.146	ug/l	98
64) Tetrachloroethene	10.87	164	46500	20.141	ug/l	98
65) Chlorobenzene	11.66	112	146669	21.317	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	50256	20.902	ug/l	97
67) Ethyl Benzene	11.74	91	256243	21.780	ug/l	100
68) m/p-Xylenes	11.84	106	196680	43.656	ug/l	99
69) o-Xylene	12.17	106	90421	21.751	ug/l	99
70) Styrene	12.19	104	154762	21.893	ug/l	99
71) Bromoform	12.35	173	26516	19.983	ug/l #	97
73) Isopropylbenzene	12.47	105	251176	21.921	ug/l	100
74) N-amyl acetate	12.28	43	60839	19.589	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	47348	20.384	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	37761m	22.728	ug/l	
77) Bromobenzene	12.75	156	59667	20.976	ug/l	98
78) n-propylbenzene	12.81	91	319056	22.182	ug/l	100
79) 2-Chlorotoluene	12.90	91	178422	21.592	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	220760	22.354	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	14007	20.623	ug/l	97
82) 4-Chlorotoluene	12.99	91	194056	21.839	ug/l	99
83) tert-Butylbenzene	13.21	119	180791	22.198	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	225734	22.003	ug/l	99
85) sec-Butylbenzene	13.39	105	271103	22.251	ug/l	99
86) p-Isopropyltoluene	13.51	119	235814	22.150	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	122728	21.295	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	121935	21.040	ug/l	99
89) n-Butylbenzene	13.83	91	231502	22.106	ug/l	99
90) Hexachloroethane	14.10	117	43298	21.113	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	110055	21.216	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7751	19.277	ug/l	97

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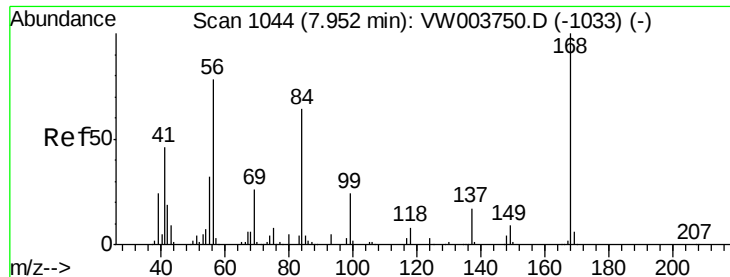
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	75027	21.368	ug/l	99
94) Hexachlorobutadiene	15.24	225	42788	21.305	ug/l	98
95) Naphthalene	15.38	128	129012	20.559	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	68412	21.760	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: VW003872.D

Acq: 11 Jul 2018 19:15

Instrument :

MSVOA_W

ClientSampleId :

VW0711SBS01

Tot Ion:168 Resp: 215767

Ion Ratio Lower Upper

168 100

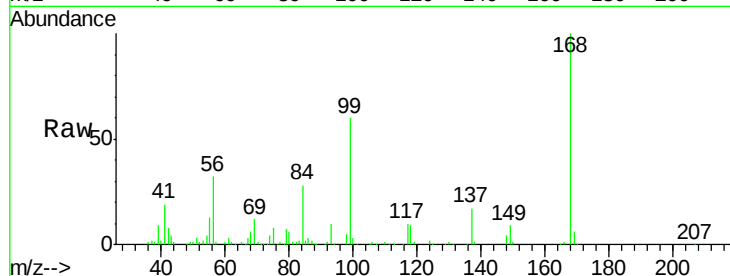
99 60.2 45.0 67.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

60000

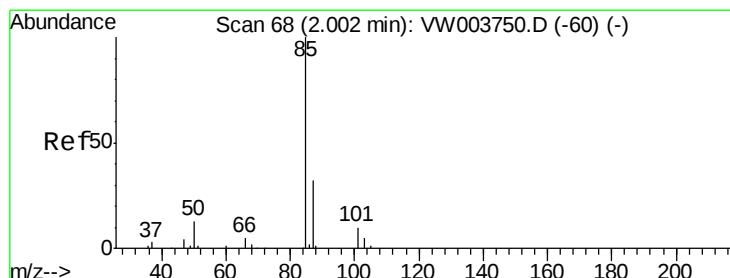
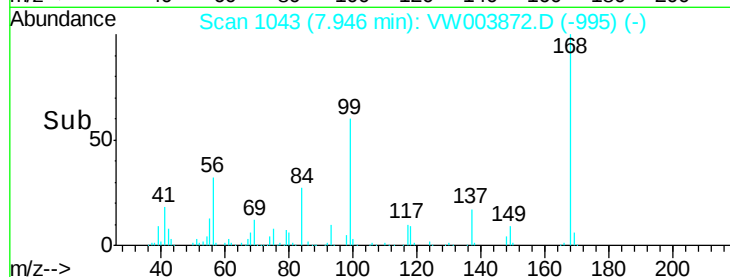
40000

20000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 18.760 ug/l

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW003872.D

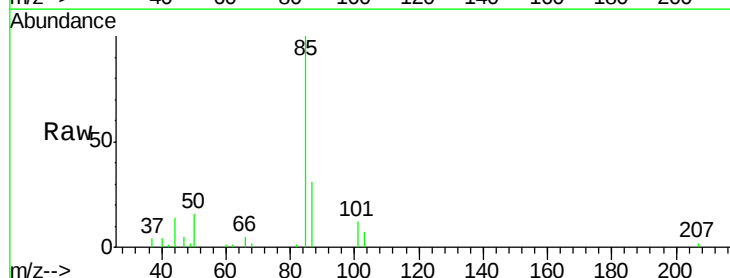
Acq: 11 Jul 2018 19:15

Tgt Ion: 85 Resp: 19686

Ion Ratio Lower Upper

85 100

87 31.0 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

6000

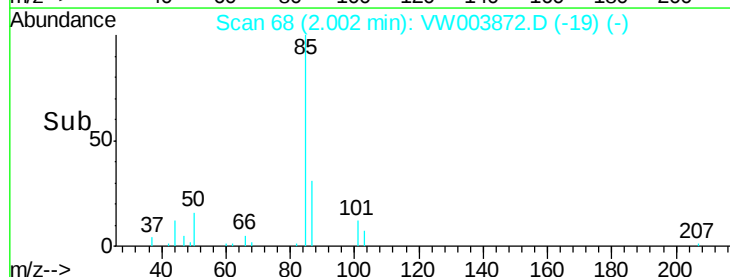
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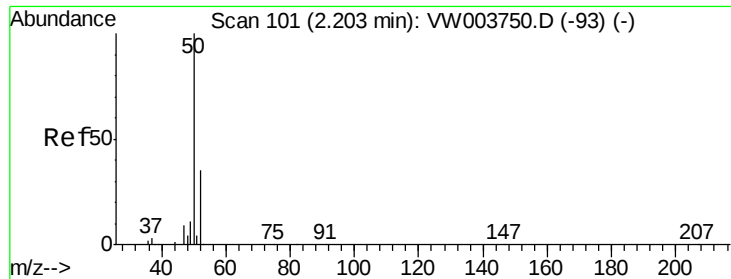
2000

0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 20.545 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.01 min

Lab File: VW003872.D

Acq: 11 Jul 2018 19:15

Instrument :

MSVOA_W

ClientSampleId :

VW0711SBS01

Tot Ion: 50 Resp: 40930

Ion Ratio Lower Upper

50 100

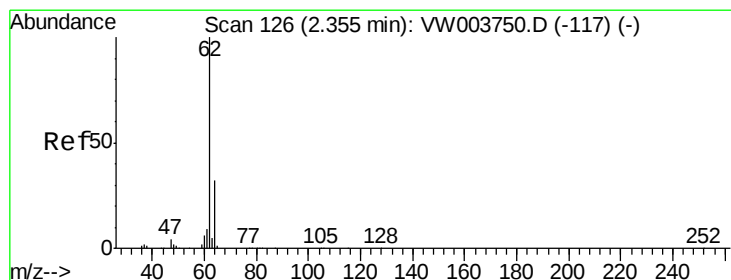
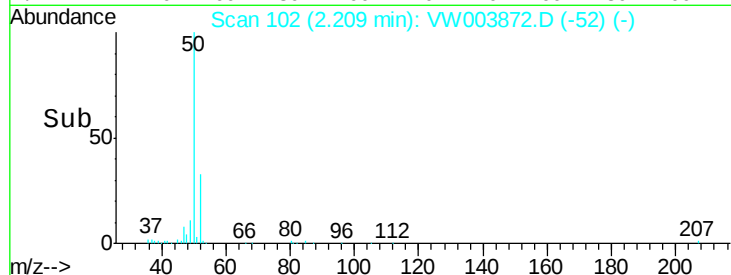
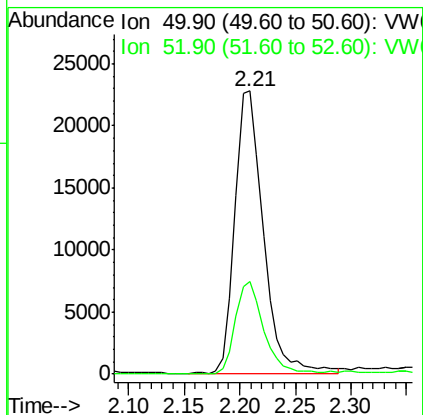
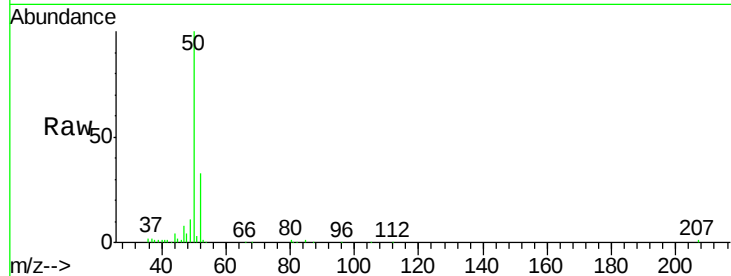
52 32.8 27.8 41.6

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#4

Vinyl Chloride

Concen: 20.325 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW003872.D

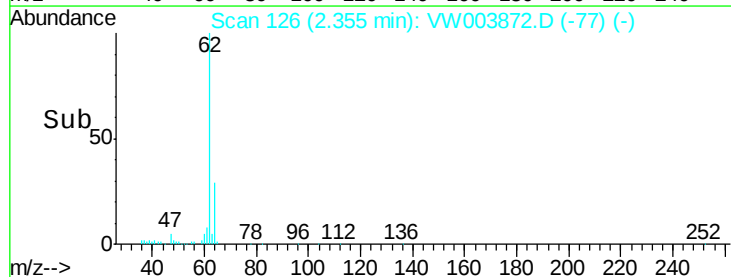
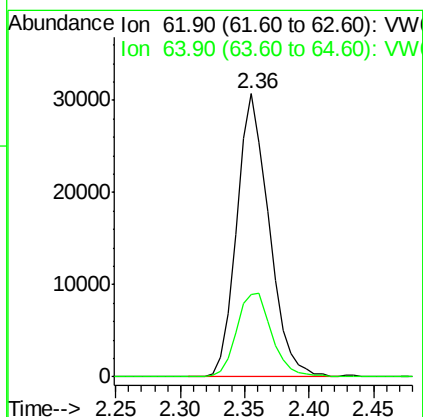
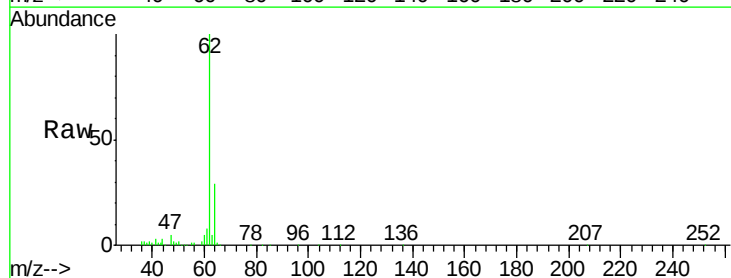
Acq: 11 Jul 2018 19:15

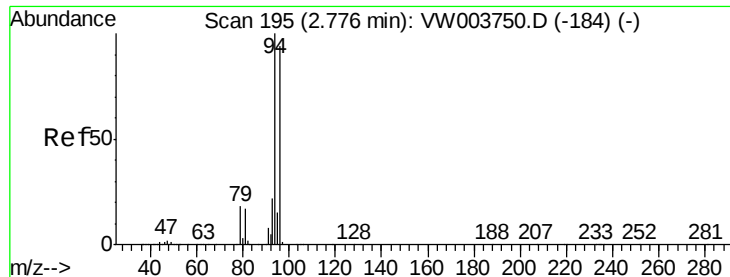
Tgt Ion: 62 Resp: 53405

Ion Ratio Lower Upper

62 100

64 29.2 25.8 38.8





#5

Bromomethane

Concen: 20.282 ug/l

RT: 2.78 min Scan# 195

Delta R.T. -0.00 min

Lab File: VW003872.D

Acq: 11 Jul 2018 19:15

Instrument :

MSVOA_W

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VW0711SBS01

Tot Ion: 94 Resp: 37619

Ion Ratio Lower Upper

94 100

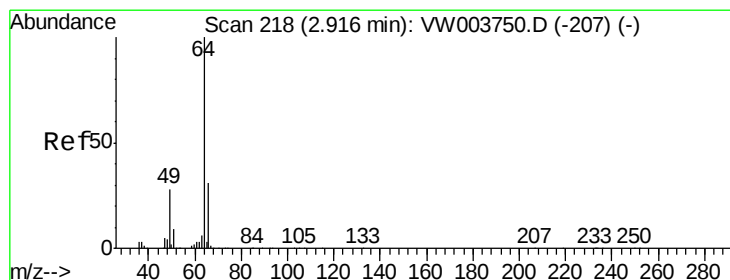
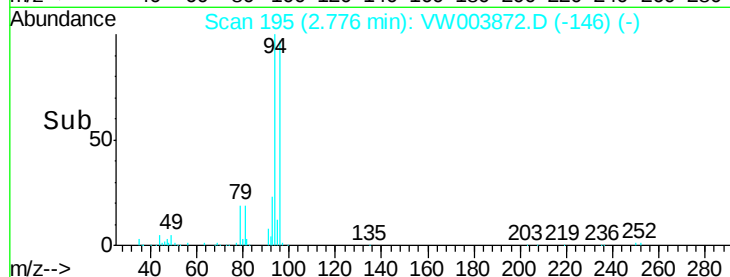
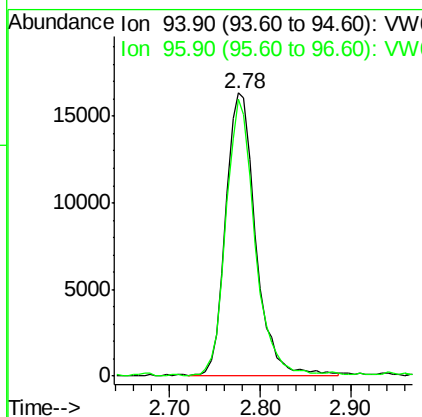
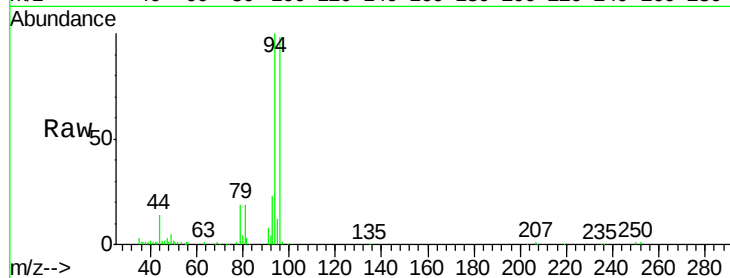
96 97.6 74.8 112.2

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#6

Chloroethane

Concen: 20.797 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.00 min

Lab File: VW003872.D

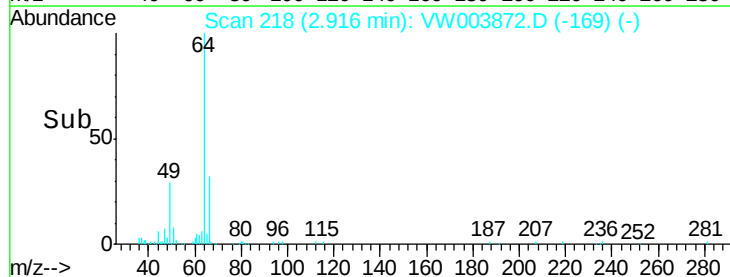
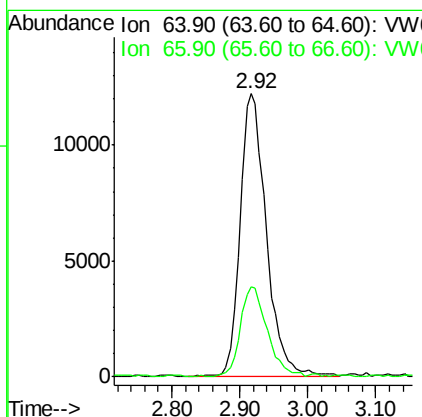
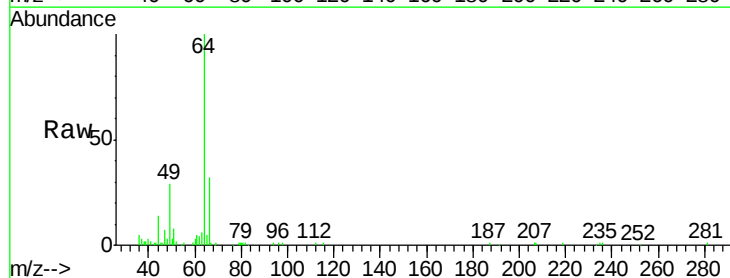
Acq: 11 Jul 2018 19:15

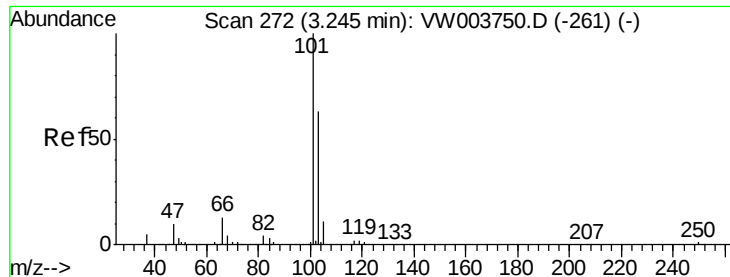
Tgt Ion: 64 Resp: 32772

Ion Ratio Lower Upper

64 100

66 31.8 25.1 37.7





#7

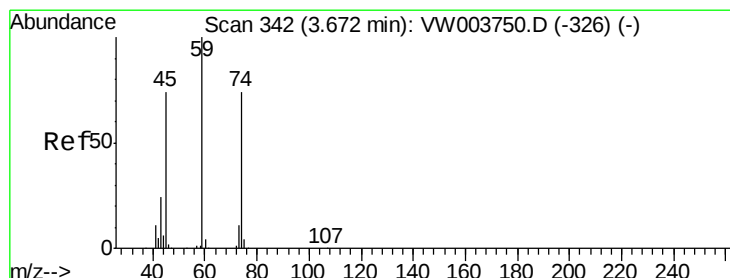
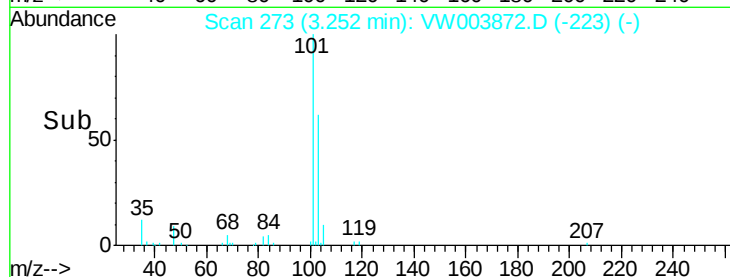
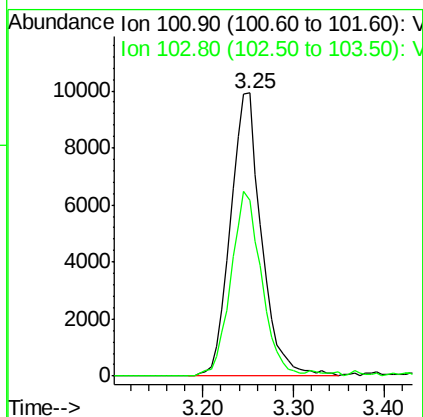
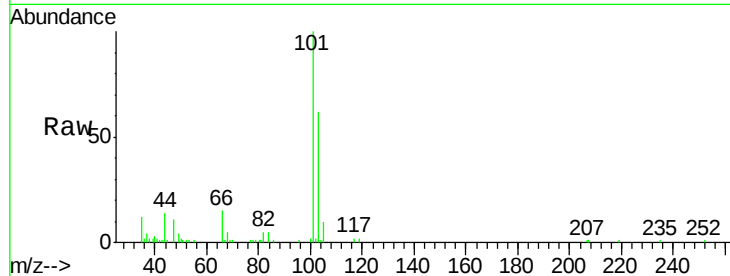
Trichlorofluoromethane
 Concen: 22.226 ug/l
 RT: 3.25 min Scan# 273
 Delta R.T. 0.01 min
 Lab File: VW003872.D
 Acq: 11 Jul 2018 19:15

Instrument :
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 ClientSampleId :
 VW0711SBS01

Tot Ion:101 Resp: 23592
 Ion Ratio Lower Upper
 101 100
 103 62.0 50.7 76.1

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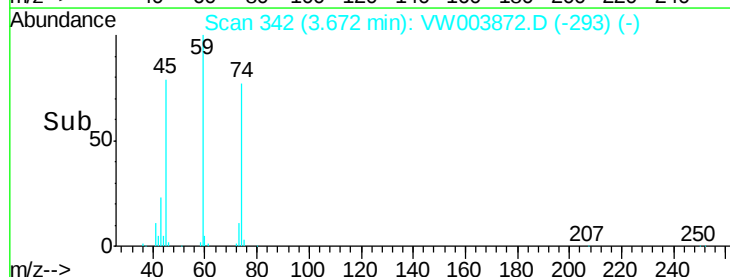
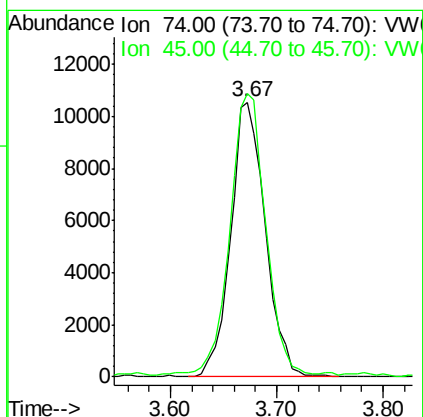
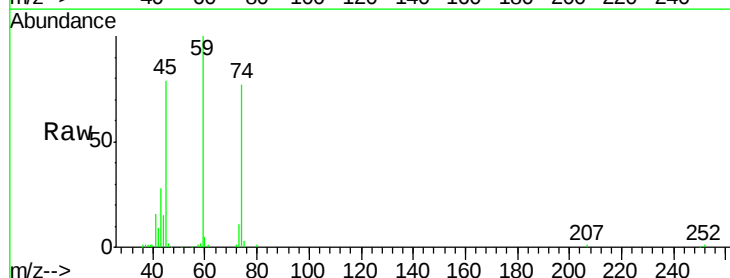
apatel
 7/12/2018 10:59:00 AM

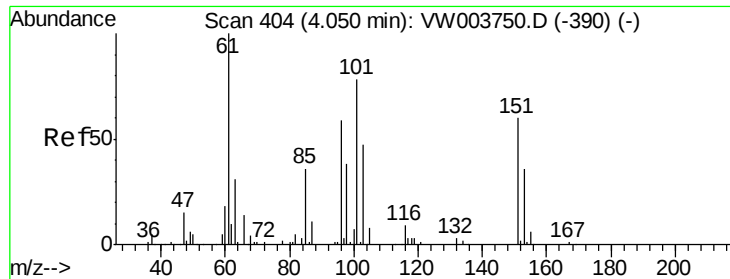


#8

Diethyl Ether
 Concen: 22.083 ug/l
 RT: 3.67 min Scan# 342
 Delta R.T. -0.00 min
 Lab File: VW003872.D
 Acq: 11 Jul 2018 19:15

Tgt Ion: 74 Resp: 24023
 Ion Ratio Lower Upper
 74 100
 45 105.4 52.4 157.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.959 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.01 min

Lab File: VW003872.D

Acq: 11 Jul 2018 19:15

Instrument :

MSVOA_W

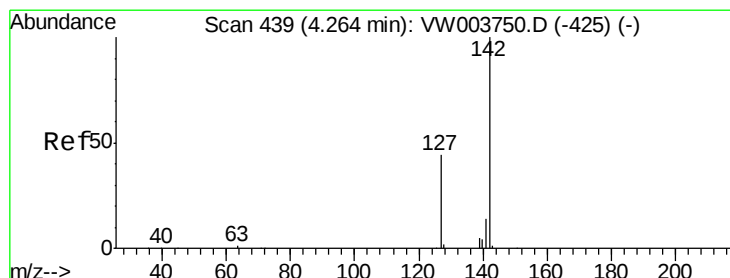
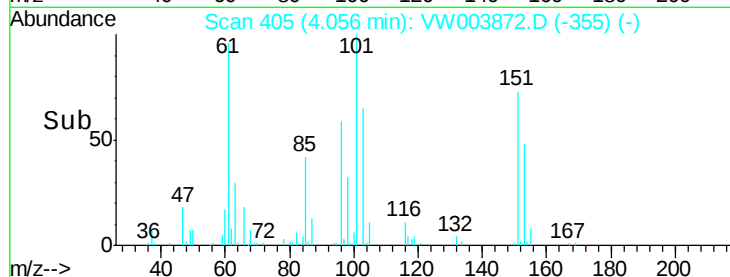
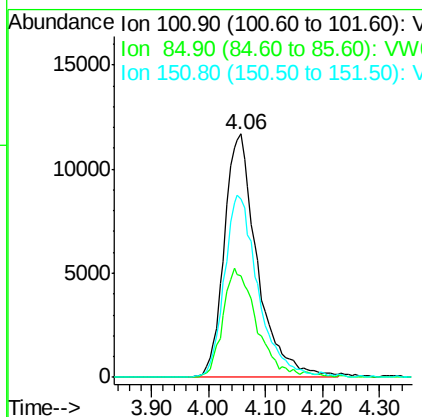
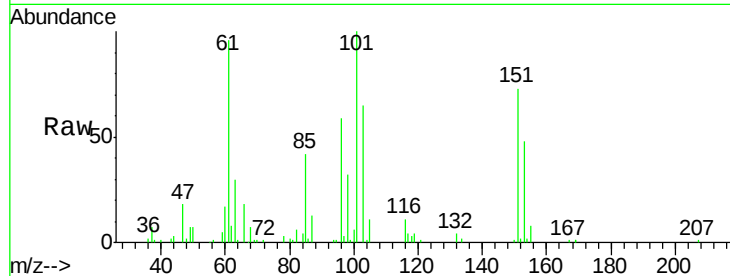
ClientSampleId :

VW0711SBS01

Tot Ion:	101	Resp:	47394
Ion Ratio	Lower	Upper	
101	100		
85	45.0	37.1	55.7
151	75.7	62.3	93.5

Manual Integrations
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#10

Methyl Iodide

Concen: 21.454 ug/l

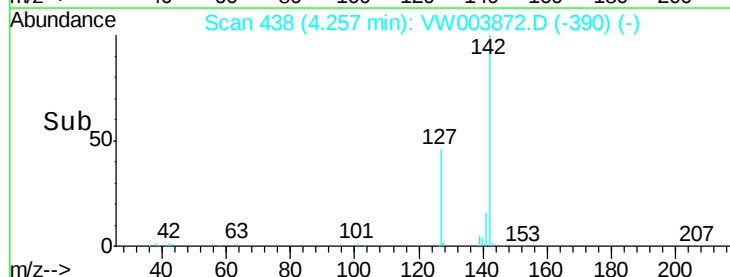
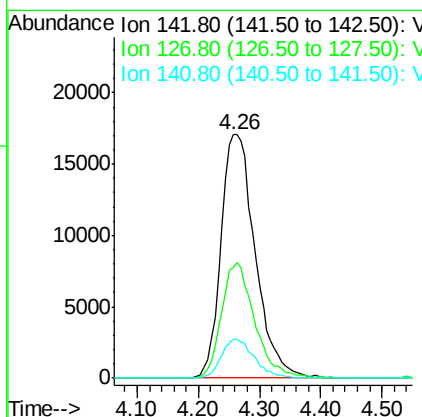
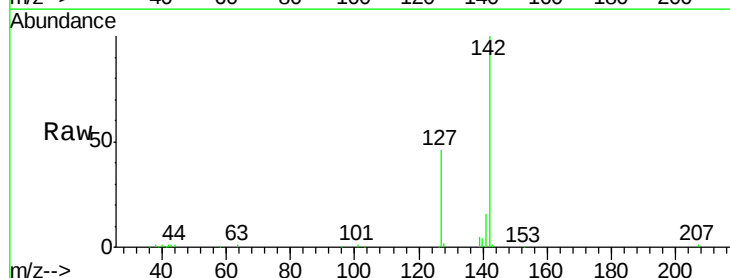
RT: 4.26 min Scan# 438

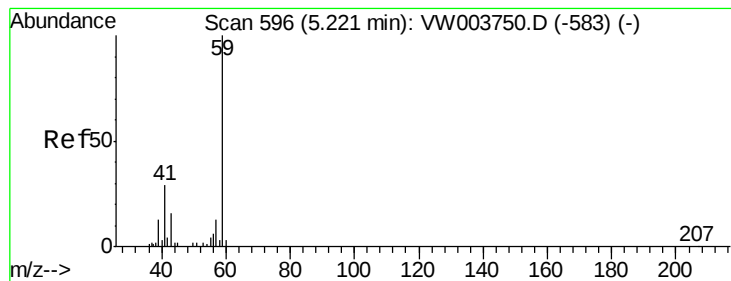
Delta R.T. -0.01 min

Lab File: VW003872.D

Acq: 11 Jul 2018 19:15

Tgt Ion:	142	Resp:	65922
Ion Ratio	Lower	Upper	
142	100		
127	46.0	36.1	54.1
141	15.5	11.6	17.4





#11

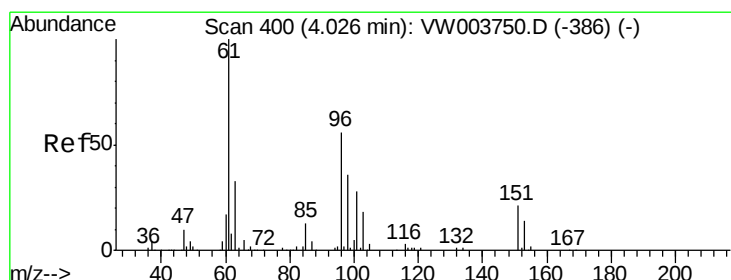
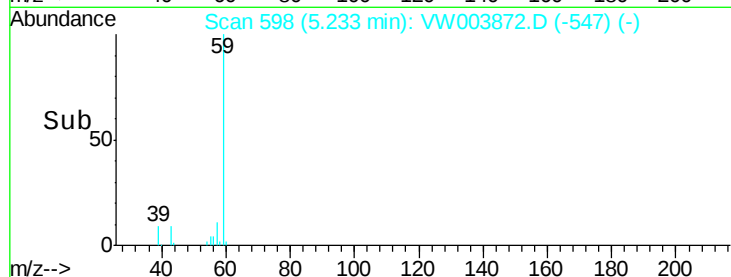
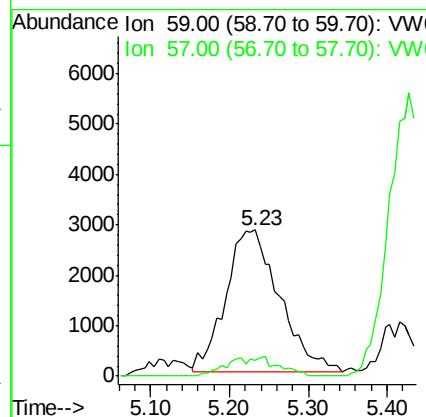
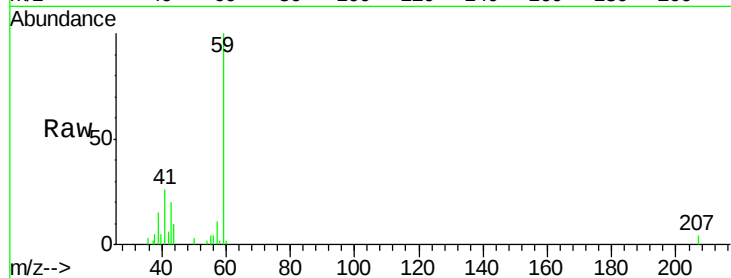
Tert butyl alcohol
Concen: 87.861 ug/l
RT: 5.23 min Scan# 598
Delta R.T. 0.01 min
Lab File: VW003872.D
Acq: 11 Jul 2018 19:15

Instrument :
MSVOA_W
ClientSampleId :
VW0711SBS01

Tot Ion	59	Resp	Lower	Upper
59	100			
57	5.4	9.3	13.9	

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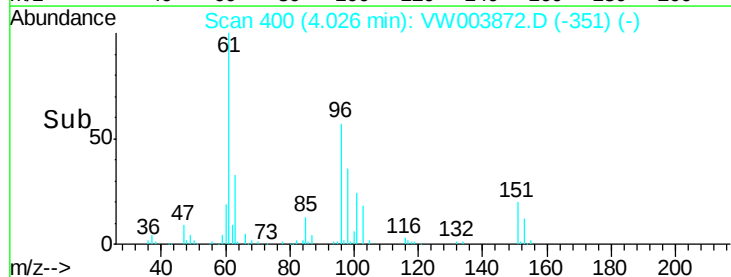
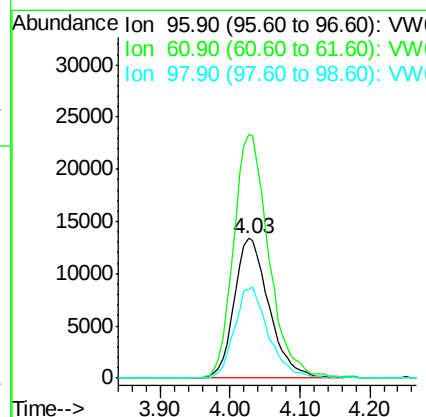
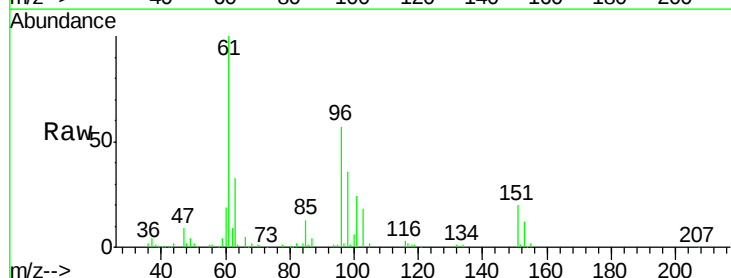
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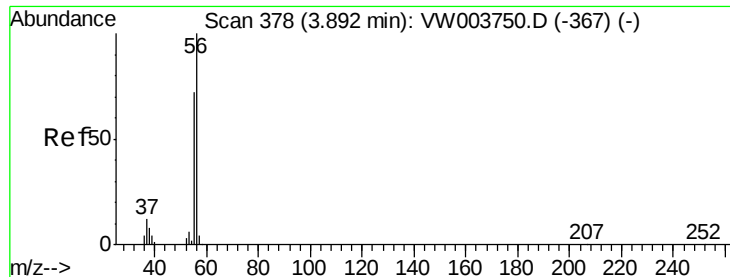


#12

1,1-Dichloroethene
Concen: 22.885 ug/l
RT: 4.03 min Scan# 400
Delta R.T. -0.00 min
Lab File: VW003872.D
Acq: 11 Jul 2018 19:15

Tgt Ion	96	Resp	Lower	Upper
96	100			
61	174.5	143.2	214.8	
98	63.6	51.4	77.0	





#13

Acrolein

Concen: 78.093 ug/l

RT: 3.90 min Scan# 379

Delta R.T. 0.01 min

Lab File: VW003872.D

Acq: 11 Jul 2018 19:15

Instrument :

MSVOA_W

ClientSampleId :

VW0711SBS01

Tot Ion: 56 Resp: 17887

Ion Ratio Lower Upper

56 100

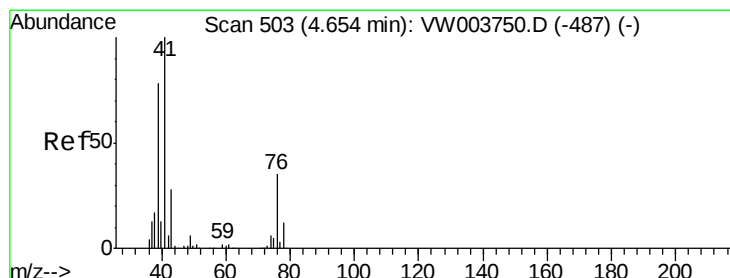
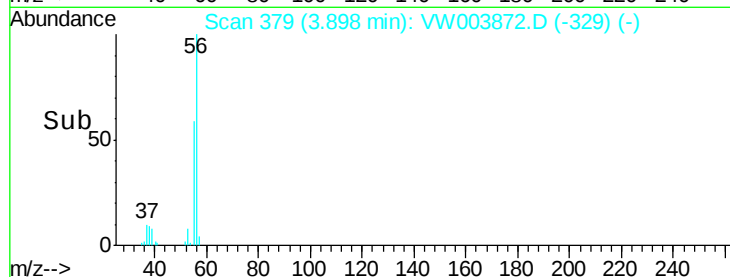
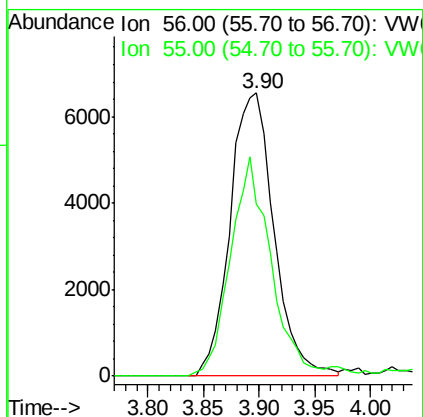
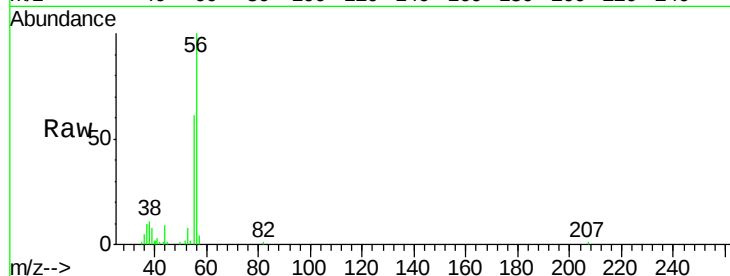
55 70.8 57.5 86.3

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#14

Allyl chloride

Concen: 22.018 ug/l

RT: 4.65 min Scan# 503

Delta R.T. -0.00 min

Lab File: VW003872.D

Acq: 11 Jul 2018 19:15

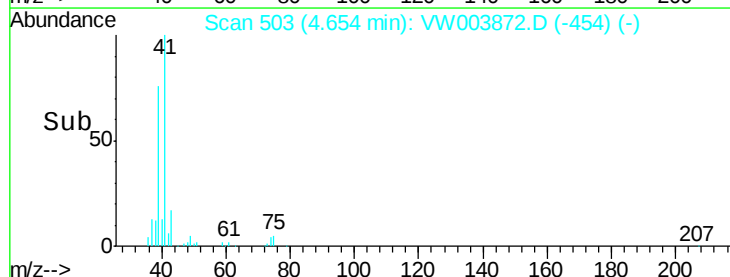
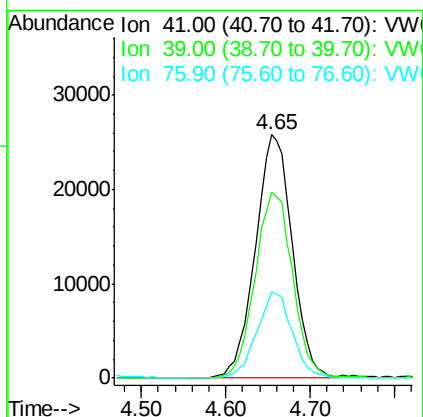
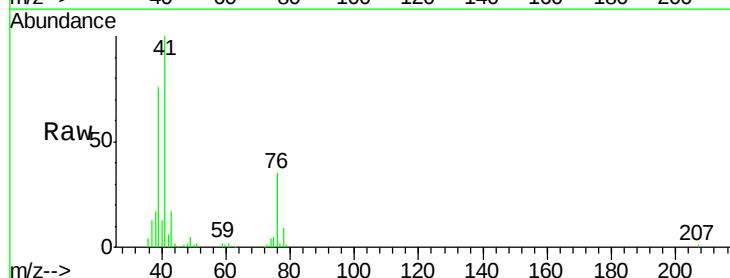
Tgt Ion: 41 Resp: 77591

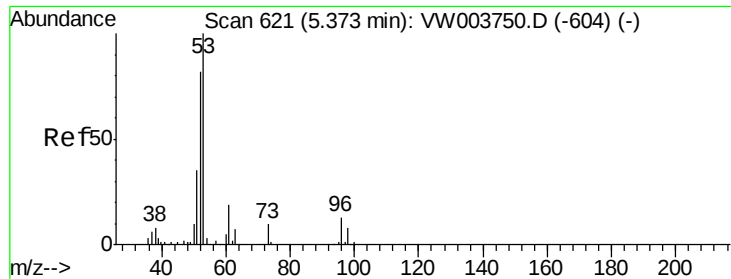
Ion Ratio Lower Upper

41 100

39 77.5 60.9 91.3

76 33.8 27.5 41.3





#15

Acrylonitrile

Concen: 98.937 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.01 min

Lab File: VW003872.D

Acq: 11 Jul 2018 19:15

Instrument :

MSVOA_W

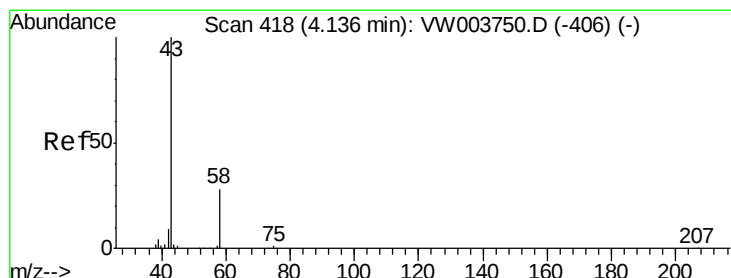
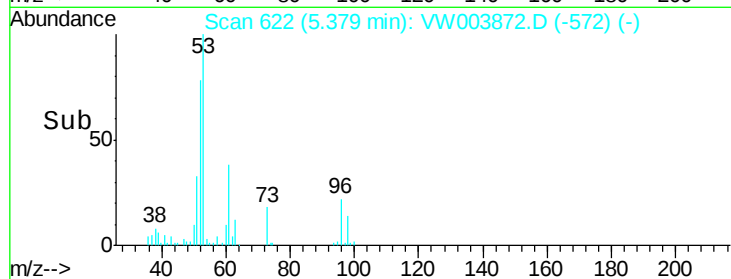
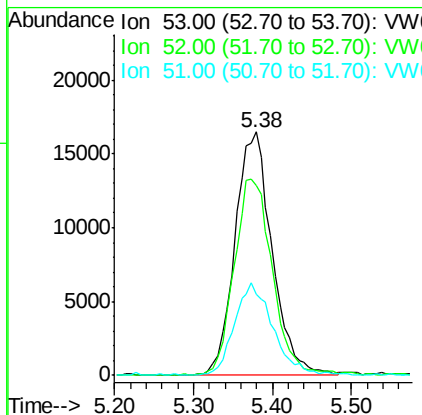
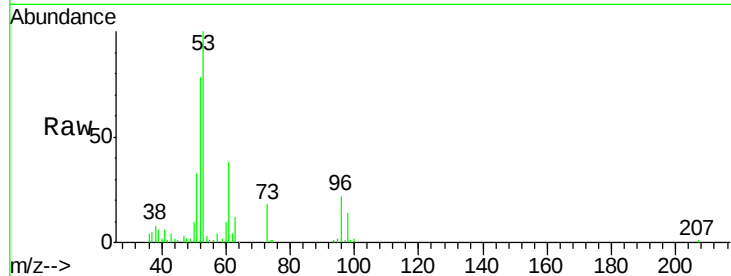
ClientSampleId :

VW0711SBS01

Tot Ion:	53	Resp:	53897
Ion Ratio	Lower	Upper	
53	100		
52	83.3	66.2	99.2
51	39.6	30.2	45.4

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#16

Acetone

Concen: 105.325 ug/l

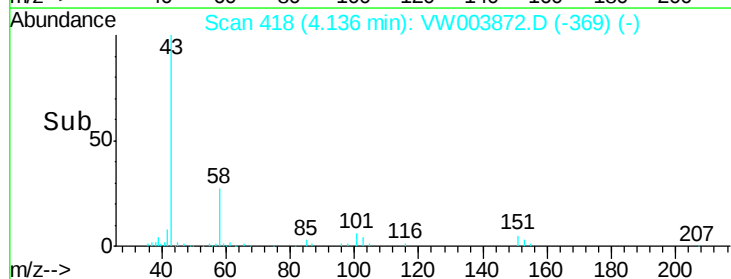
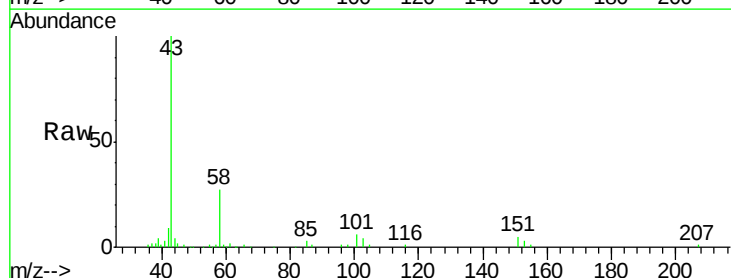
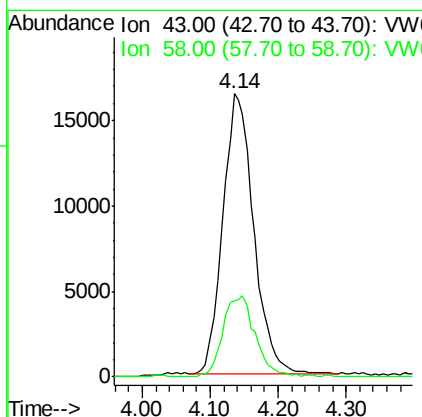
RT: 4.14 min Scan# 418

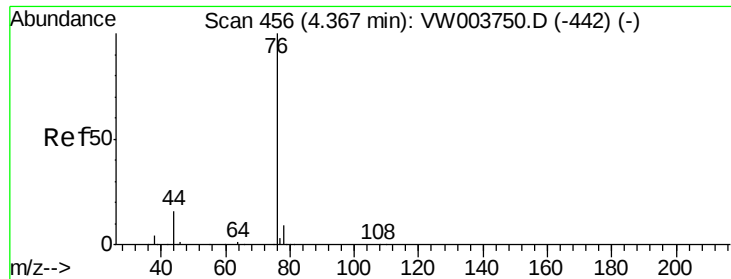
Delta R.T. -0.00 min

Lab File: VW003872.D

Acq: 11 Jul 2018 19:15

Tgt Ion:	43	Resp:	51561
Ion Ratio	Lower	Upper	
43	100		
58	27.3	22.6	34.0





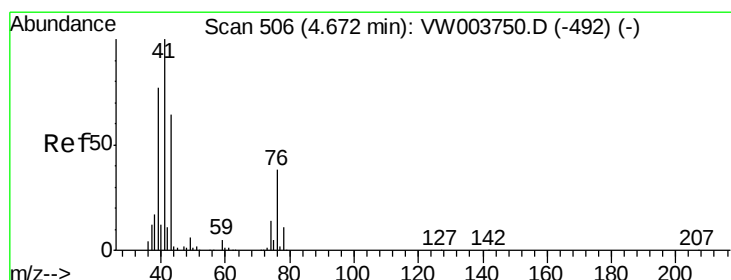
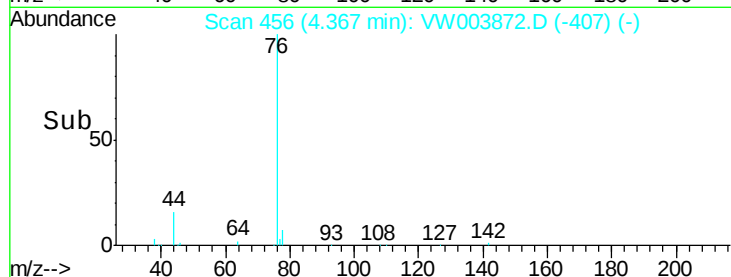
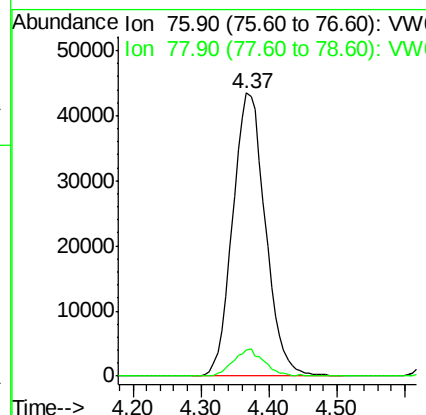
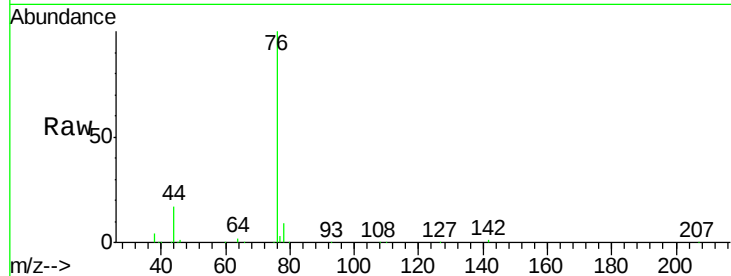
#17
Carbon Disulfide
Concen: 21.789 ug/l
RT: 4.37 min Scan# 456
Delta R.T. -0.00 min
Lab File: VW003872.D
Acq: 11 Jul 2018 19:15

Instrument :
MSVOA_W
ClientSampleId :
VW0711SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.4	11.2

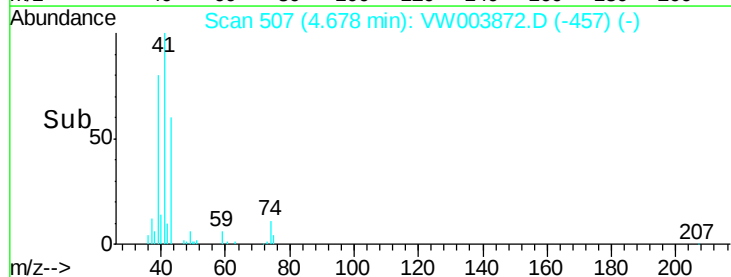
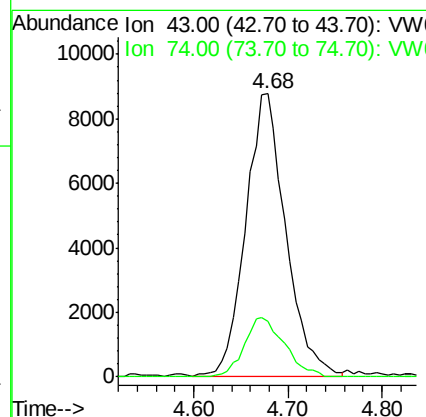
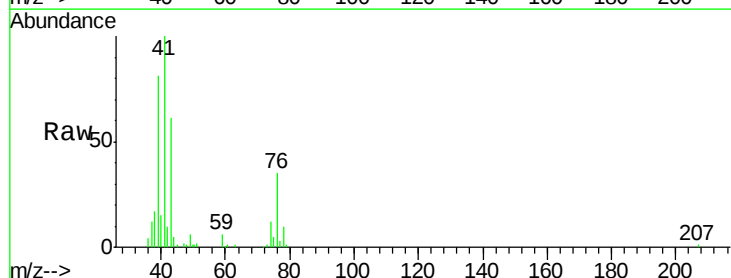
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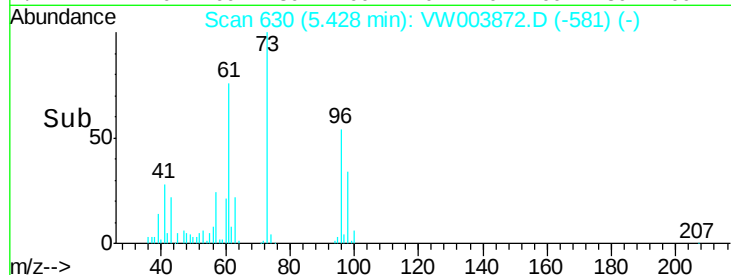
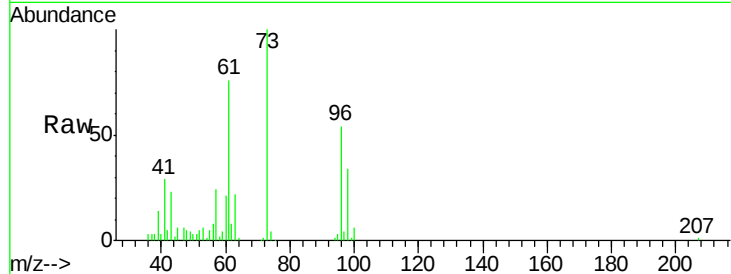
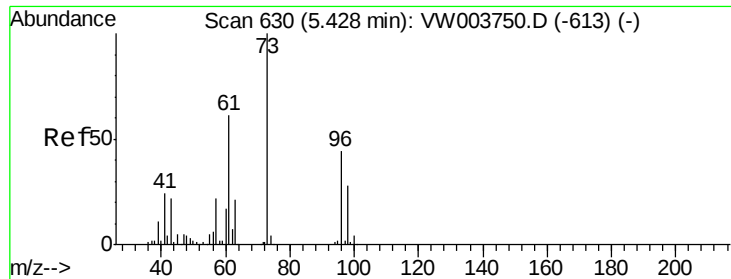
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#18
Methyl Acetate
Concen: 19.009 ug/l
RT: 4.68 min Scan# 507
Delta R.T. 0.01 min
Lab File: VW003872.D
Acq: 11 Jul 2018 19:15

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.9	17.3	25.9





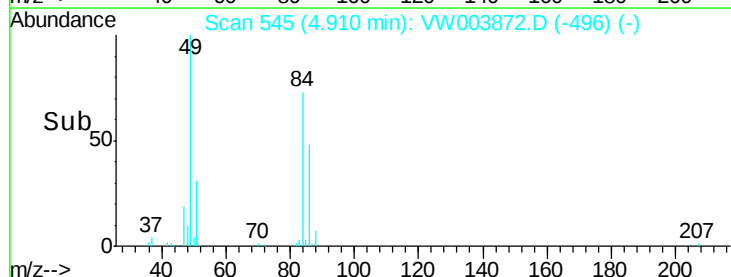
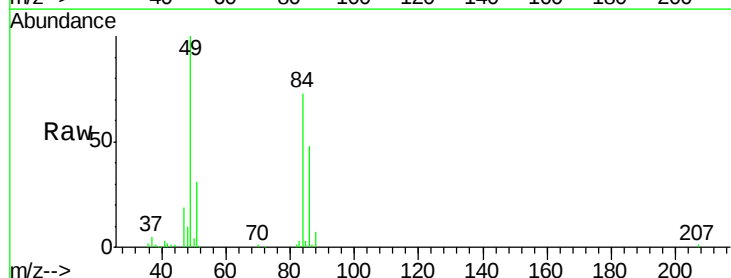
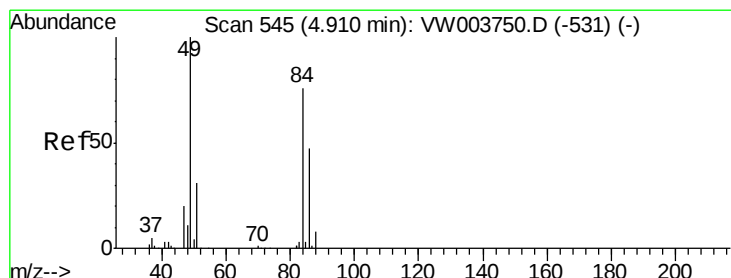
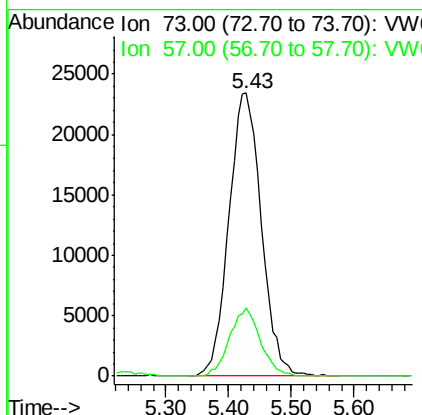
#19
Methvl tert-butvl Ether
Concen: 19.992 ug/l
RT: 5.43 min Scan# 630
Delta R.T. -0.00 min
Lab File: VW003872.D
Acq: 11 Jul 2018 19:15

Tot Ion: 73 Resp: 83732
Ion Ratio Lower Upper
73 100
57 24.0 17.9 26.9

Instrument :
MSVOA_W
ClientSampleId :
VW0711SBS01

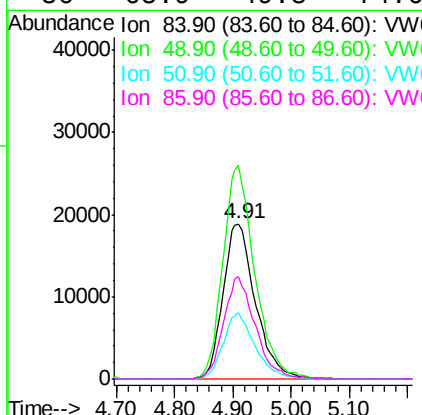
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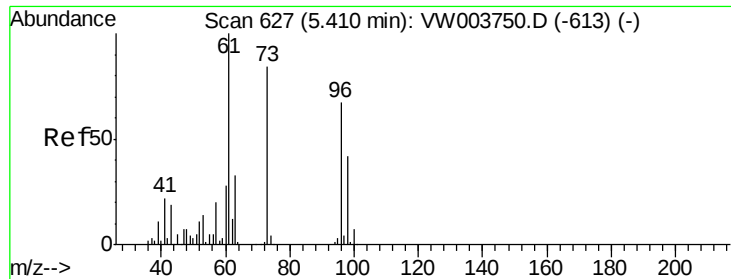
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#20
Methylene Chloride
Concen: 28.670 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003872.D
Acq: 11 Jul 2018 19:15

Tgt Ion: 84 Resp: 72861
Ion Ratio Lower Upper
84 100
49 137.5 105.1 157.7
51 42.9 32.5 48.7
86 65.9 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 21.127 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.01 min

Lab File: VW003872.D

Acq: 11 Jul 2018 19:15

Instrument :

MSVOA_W

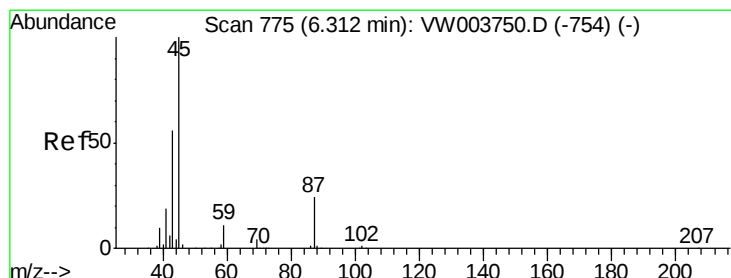
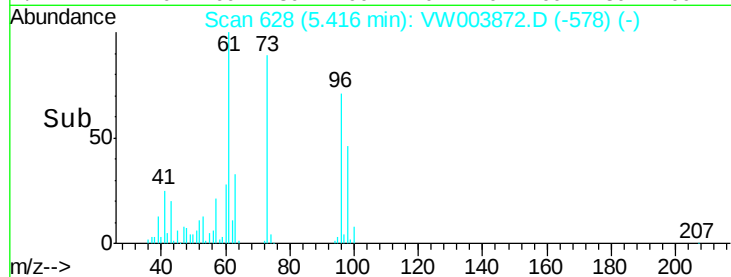
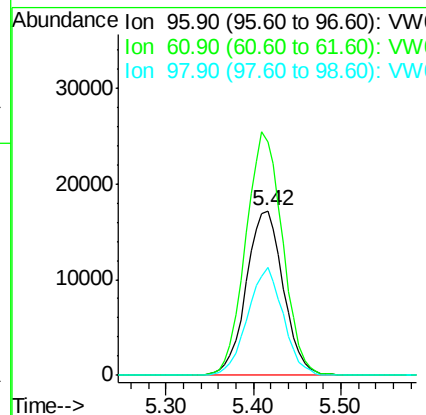
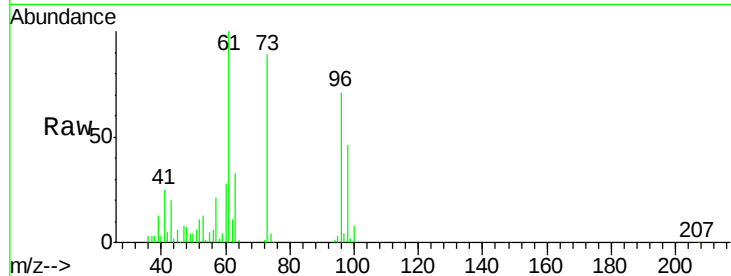
ClientSampleId :

VW0711SBS01

Tot Ion:	96	Resp:	50695
Ion	Ratio	Lower	Upper
96	100		
61	141.7	119.0	178.6
98	65.4	49.8	74.8

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#22

Diisopropyl ether

Concen: 20.835 ug/l

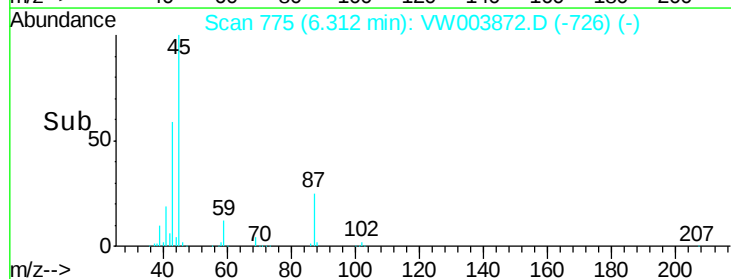
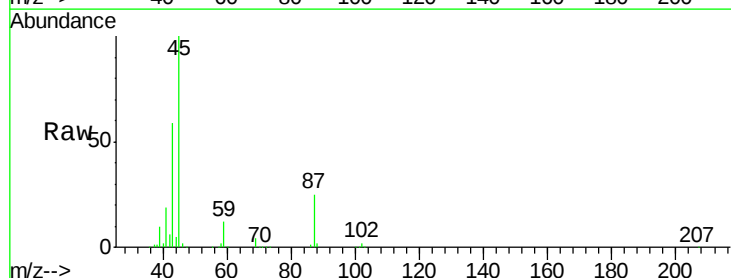
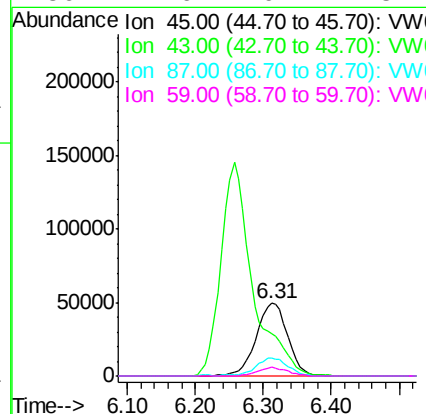
RT: 6.31 min Scan# 775

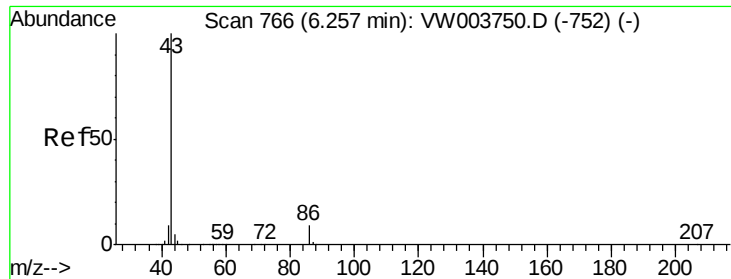
Delta R.T. -0.00 min

Lab File: VW003872.D

Acq: 11 Jul 2018 19:15

Tgt Ion:	45	Resp:	161413
Ion	Ratio	Lower	Upper
45	100		
43	58.1	44.5	66.7
87	24.7	19.6	29.4
59	11.6	9.1	13.7





#23

Vinyl Acetate

Concen: 100.019 ug/l

RT: 6.26 min Scan# 766

Delta R.T. -0.00 min

Lab File: VW003872.D

Acq: 11 Jul 2018 19:15

Instrument :

MSVOA_W

ClientSampleId :

VW0711SBS01

Tot Ion: 43 Resp: 473017

Ion Ratio Lower Upper

43 100

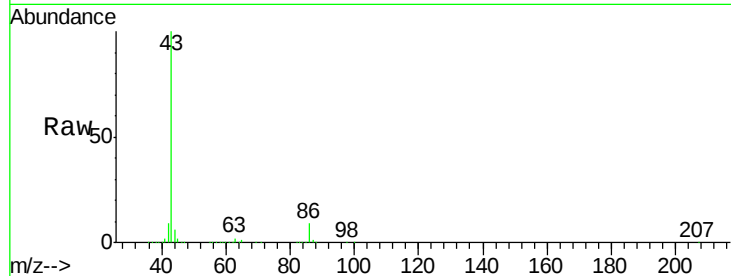
86 9.0 7.3 10.9

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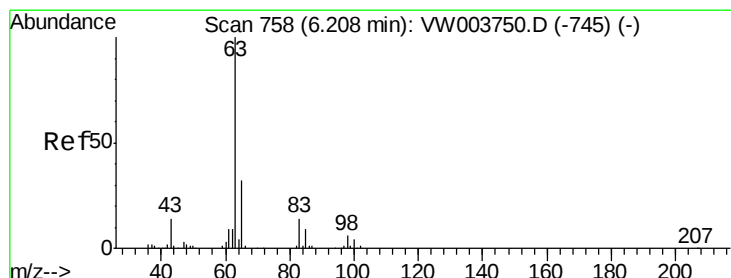
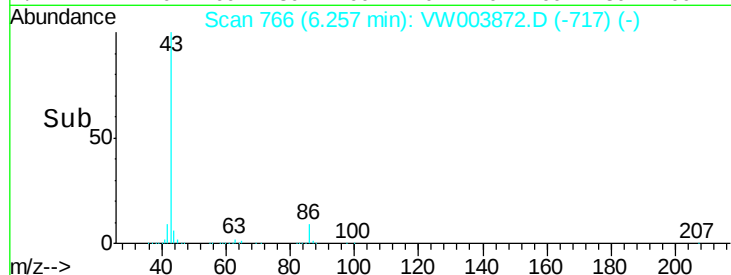
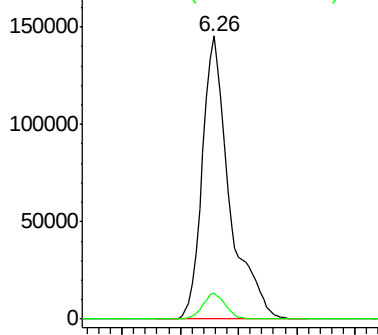
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 20.343 ug/l

RT: 6.21 min Scan# 758

Delta R.T. -0.00 min

Lab File: VW003872.D

Acq: 11 Jul 2018 19:15

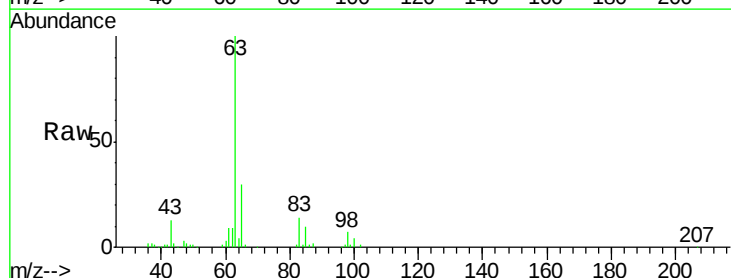
Tgt Ion: 63 Resp: 95321

Ion Ratio Lower Upper

63 100

98 6.8 3.2 9.6

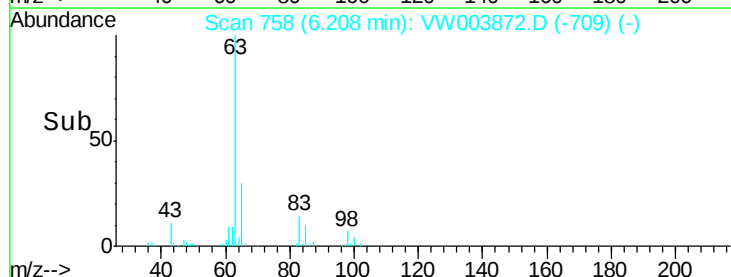
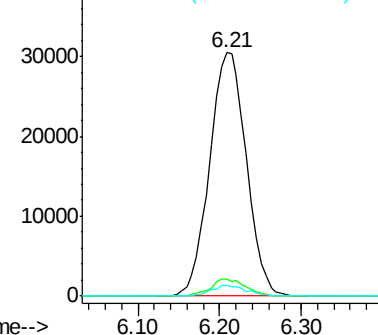
100 4.2 2.1 6.2

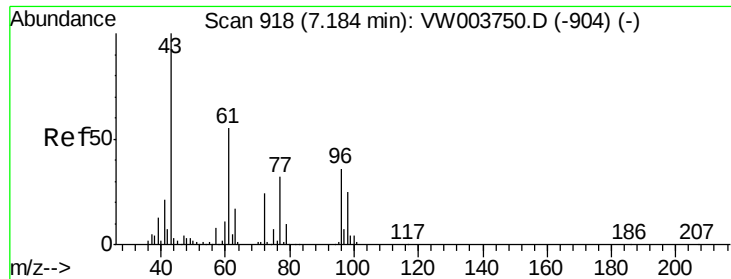


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 95.454 ug/l

RT: 7.18 min Scan# 918

Delta R.T. -0.00 min

Lab File: VW003872.D

Acq: 11 Jul 2018 19:15

Instrument :

MSVOA_W

ClientSampleId :

VW0711SBS01

Tot Ion: 43 Resp: 73190

Ion Ratio Lower Upper

43 100

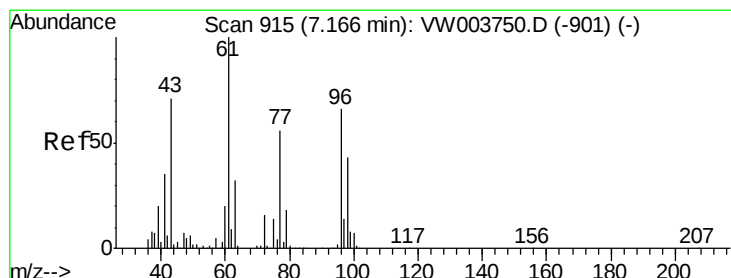
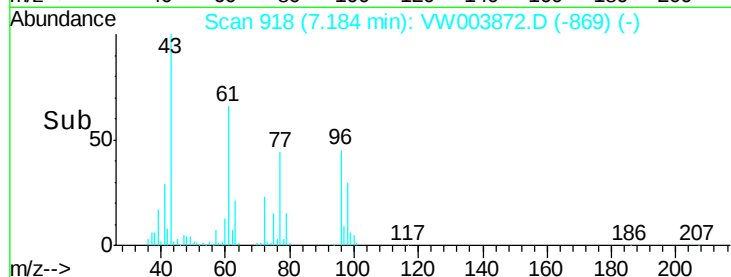
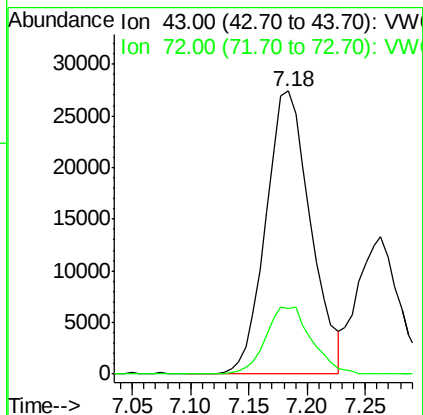
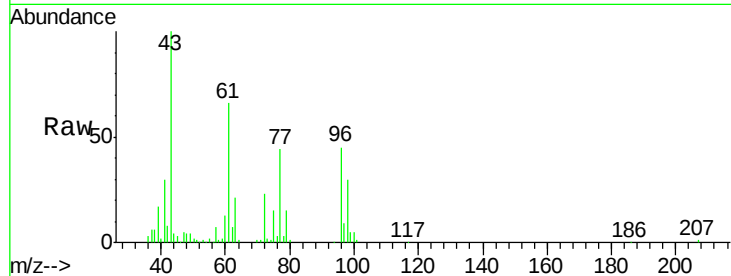
72 23.2 19.4 29.2

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#26

2,2-Dichloropropane

Concen: 21.769 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW003872.D

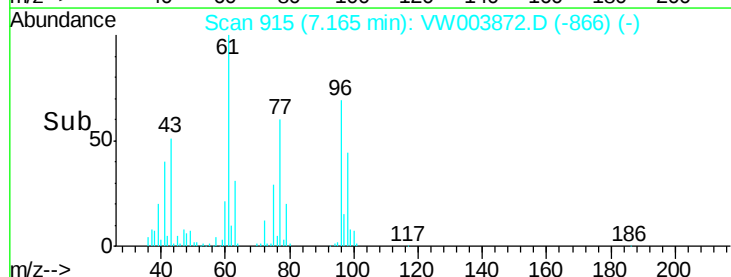
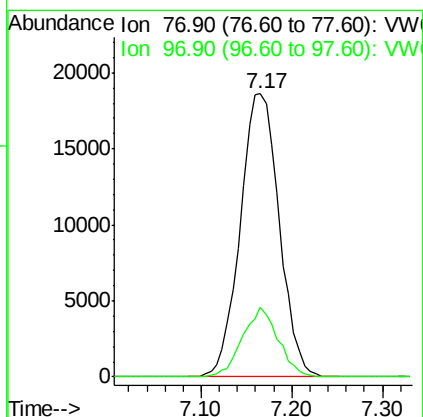
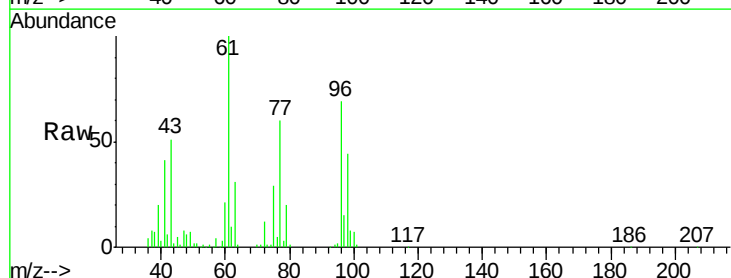
Acq: 11 Jul 2018 19:15

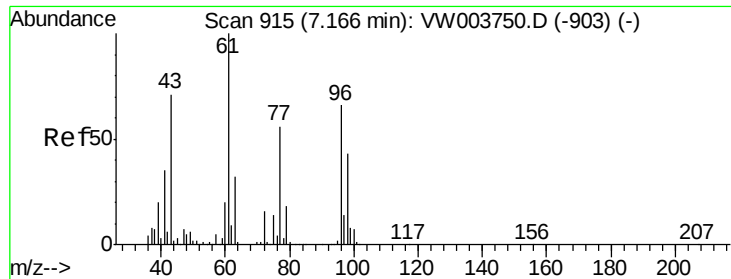
Tgt Ion: 77 Resp: 55324

Ion Ratio Lower Upper

77 100

97 22.5 11.5 34.5





#27

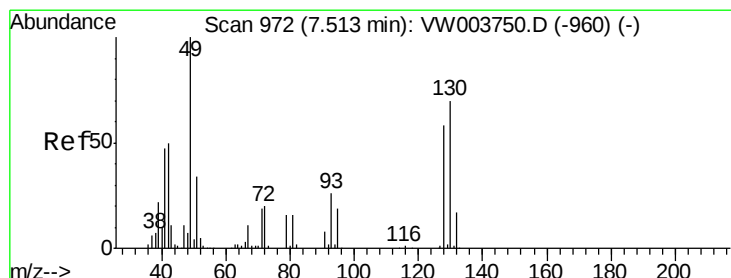
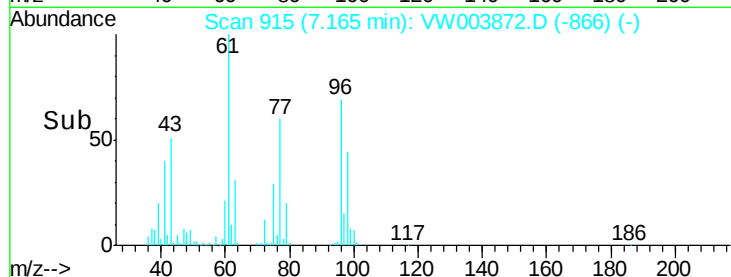
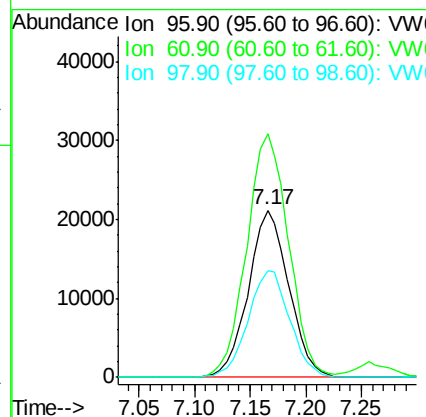
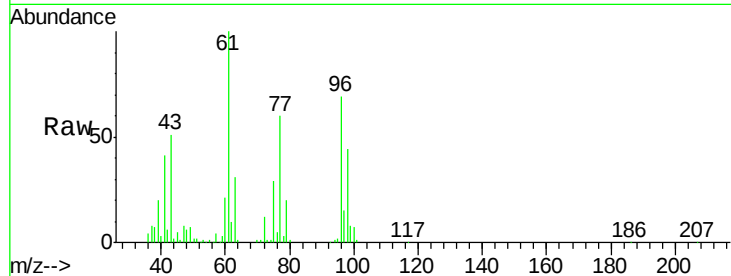
cis-1,2-Dichloroethene
Concen: 20.179 ug/l
RT: 7.17 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW003872.D
Acq: 11 Jul 2018 19:15

Instrument :
MSVOA_W
ClientSampleId :
VW0711SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	150.9	0.0	300.8
98	65.5	0.0	128.6

Manual Integrations
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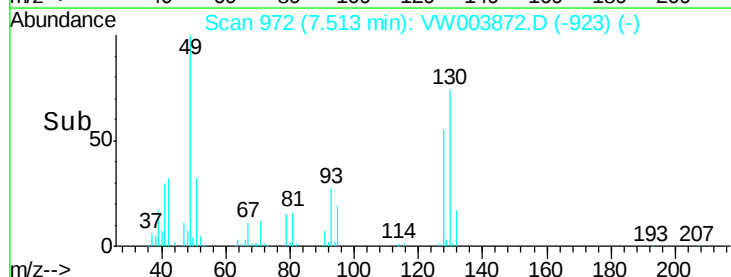
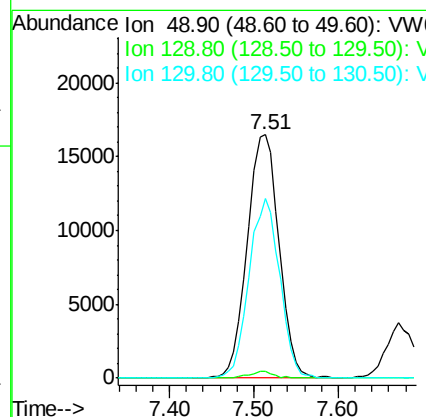
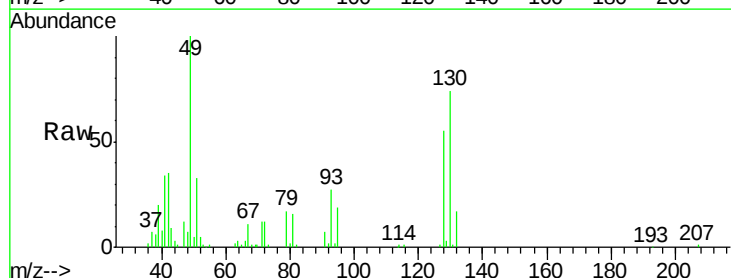
apatel
7/12/2018 10:59:00 AM

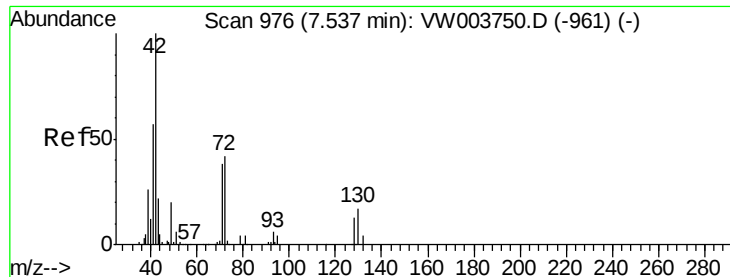


#28

Bromochloromethane
Concen: 20.126 ug/l
RT: 7.51 min Scan# 972
Delta R.T. -0.00 min
Lab File: VW003872.D
Acq: 11 Jul 2018 19:15

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.4
130	71.2	56.9	85.3





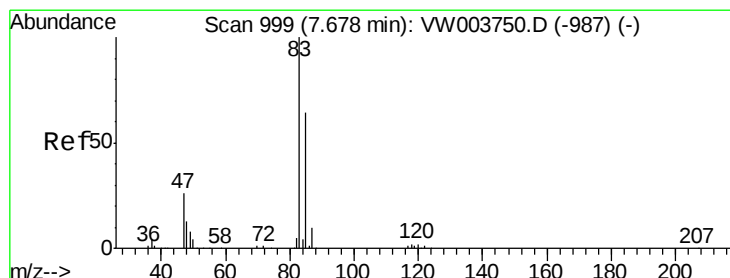
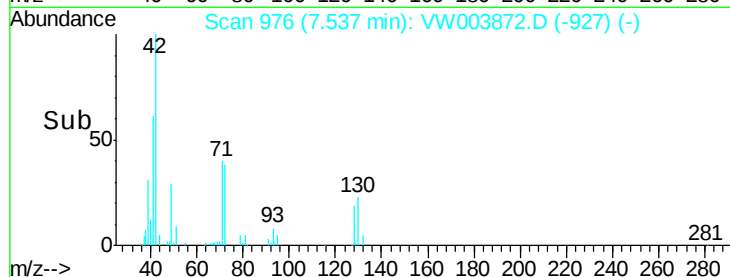
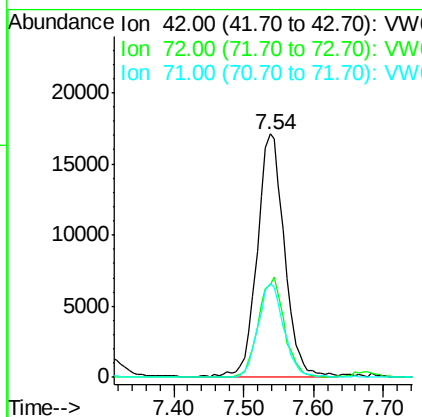
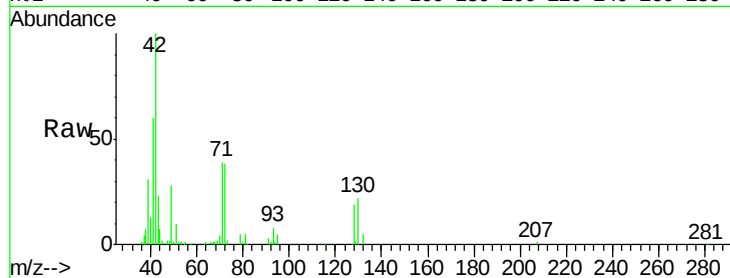
#29
Tetrahydrofuran
Concen: 94.254 ug/l
RT: 7.54 min Scan# 976
Delta R.T. -0.00 min
Lab File: VW003872.D
Acq: 11 Jul 2018 19:15

Instrument :
MSVOA_W
ClientSampleId :
VW0711SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.9	31.8	47.8
71	36.5	30.3	45.5

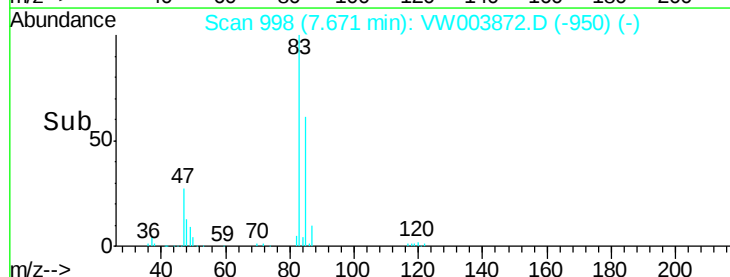
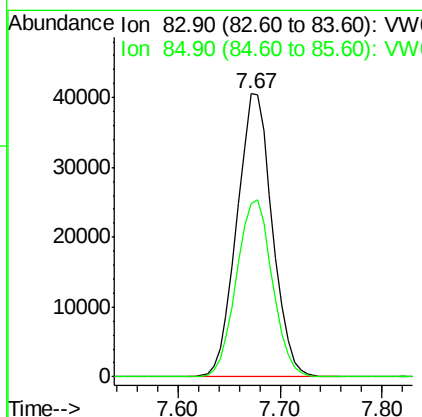
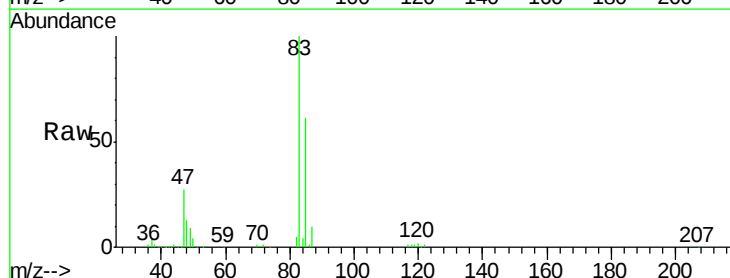
Manual Integrations
APPROVED

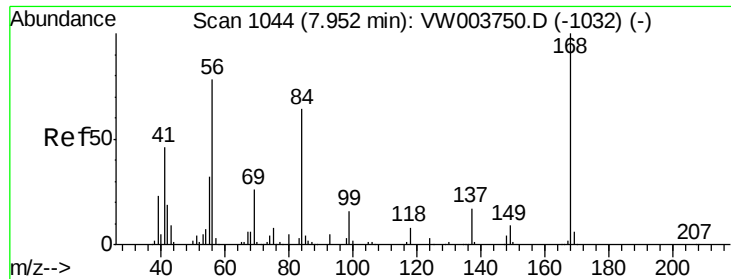
apatel
7/12/2018 10:59:00 AM



#30
Chloroform
Concen: 20.416 ug/l
RT: 7.67 min Scan# 998
Delta R.T. -0.01 min
Lab File: VW003872.D
Acq: 11 Jul 2018 19:15

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.4	51.5	77.3





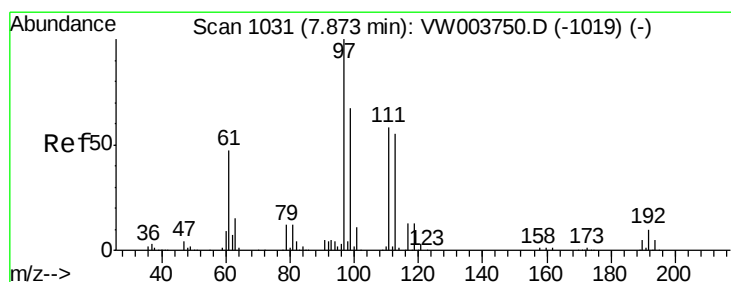
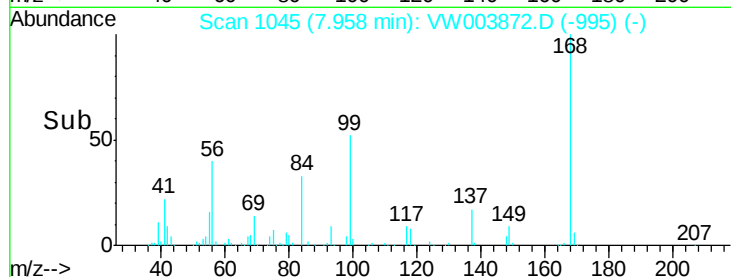
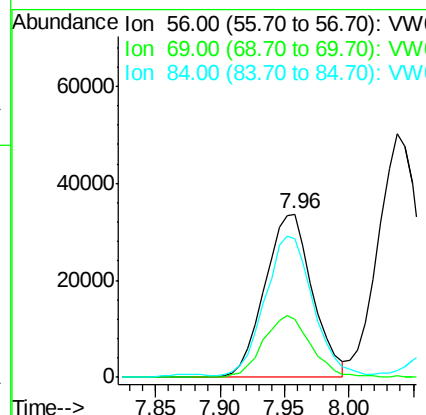
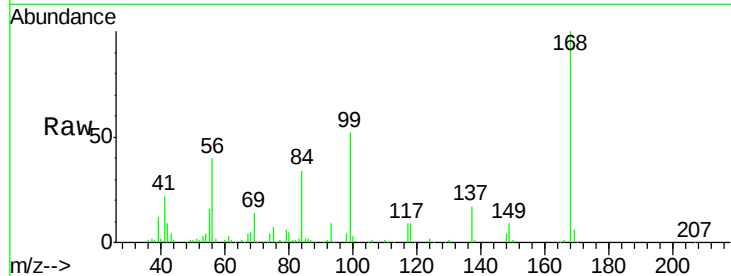
#31
Cyclohexane
Concen: 20.991 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. 0.01 min
Lab File: VW003872.D
Acq: 11 Jul 2018 19:15

Instrument :
MSVOA_W
ClientSampleId :
VW0711SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.9	26.2	39.4
84	83.3	65.5	98.3

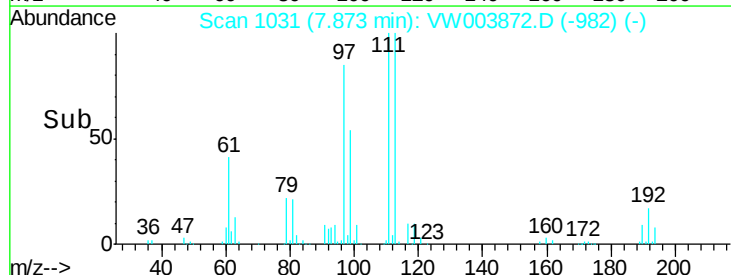
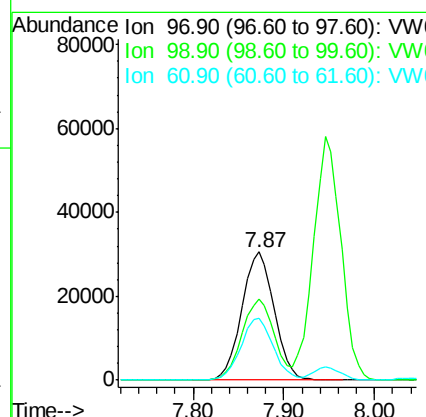
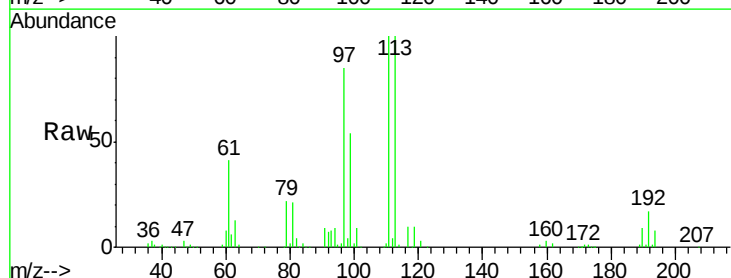
Manual Integrations
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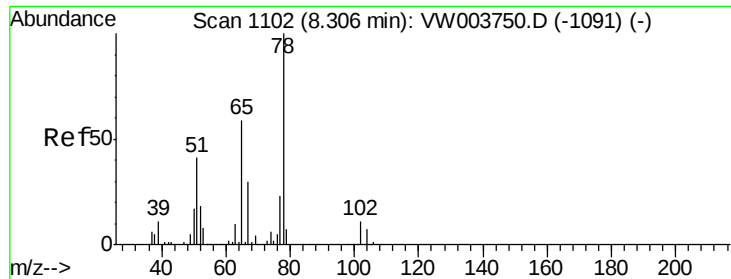
apatel
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#32
1,1,1-Trichloroethane
Concen: 20.723 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VW003872.D
Acq: 11 Jul 2018 19:15

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.2	76.8
61	48.6	37.6	56.4





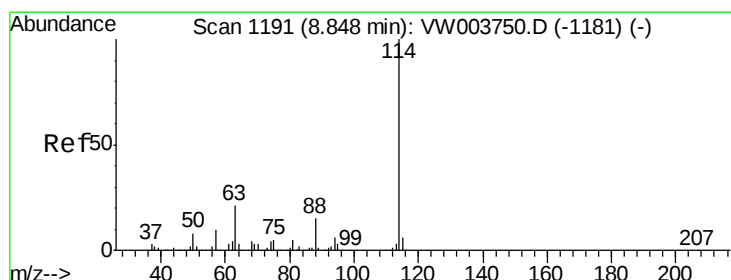
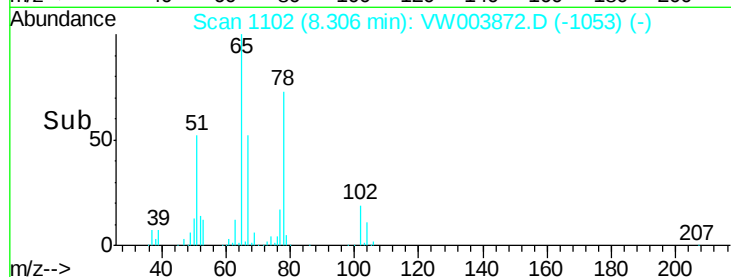
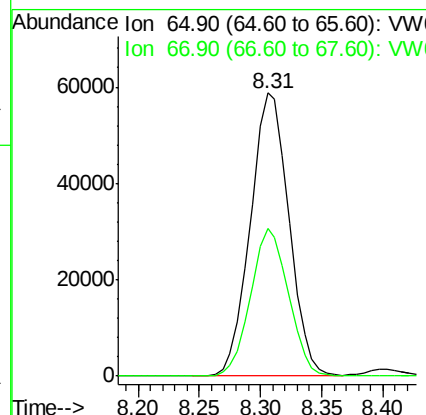
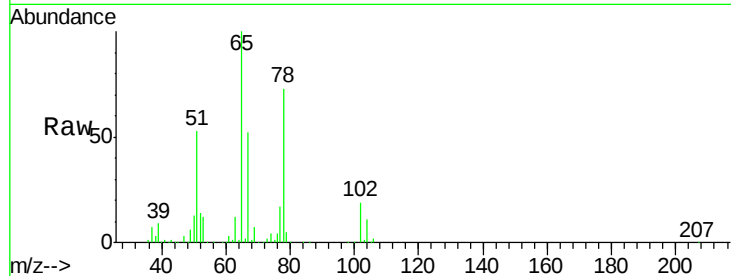
#33
 1,2-Dichloroethane-d4
 Concen: 45.815 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW003872.D
 Acq: 11 Jul 2018 19:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0711SBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	103.8

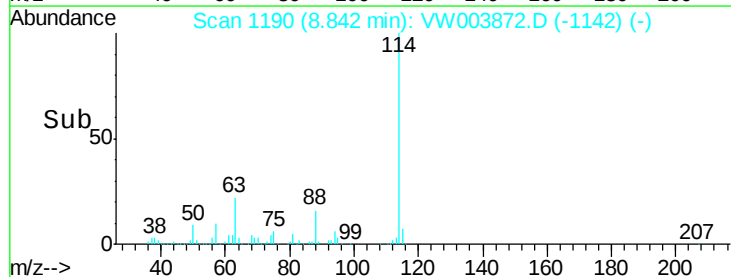
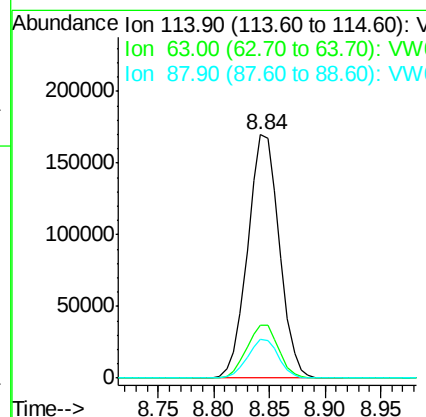
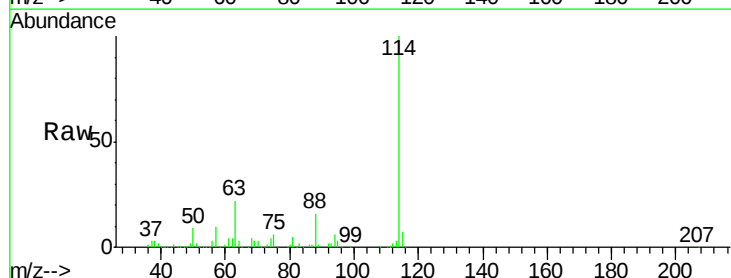
Manual Integrations
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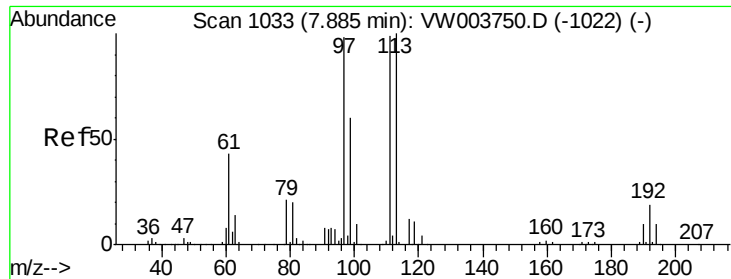
apatel
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: VW003872.D
 Acq: 11 Jul 2018 19:15

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	41.8
88	15.7	0.0	30.2





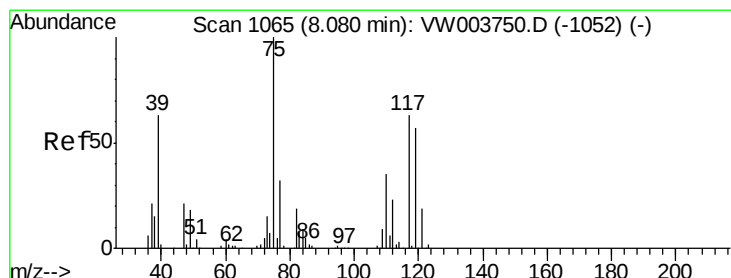
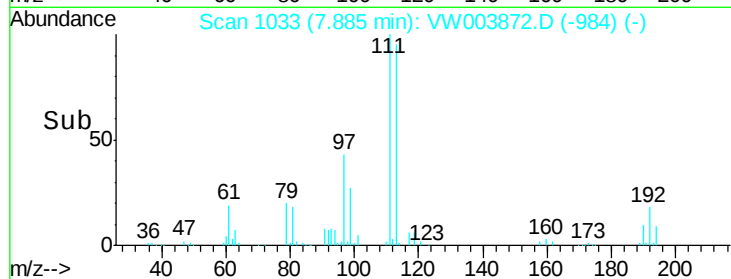
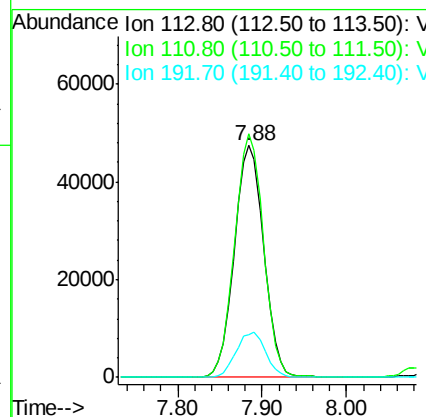
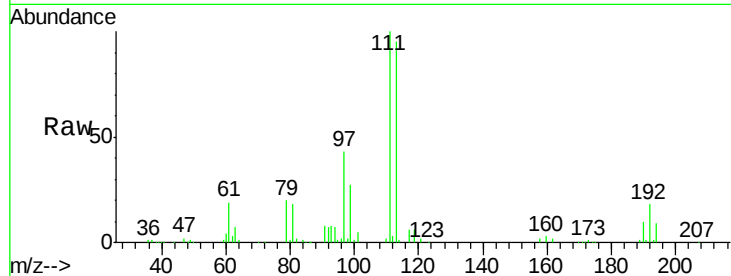
#35
 Dibromofluoromethane
 Concen: 47.774 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW003872.D
 Acq: 11 Jul 2018 19:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0711SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.9	81.7	122.5	
192	19.5	15.8	23.8	

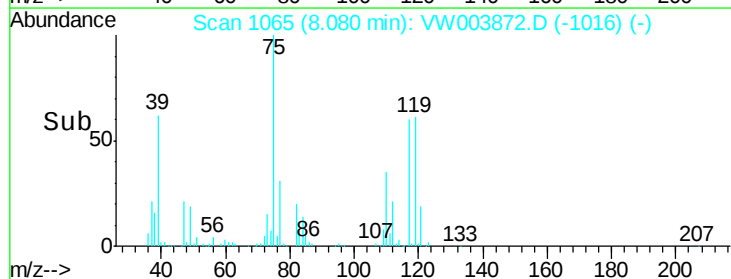
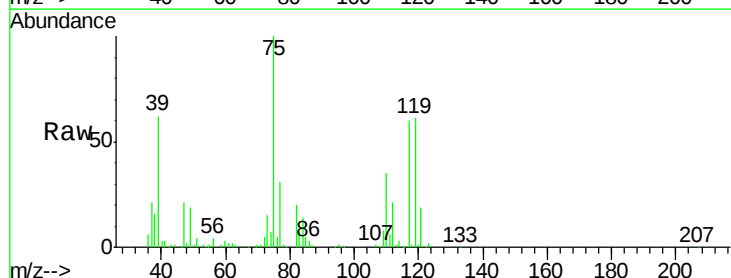
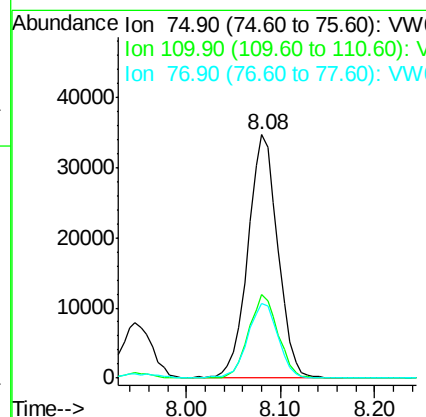
Manual Integrations
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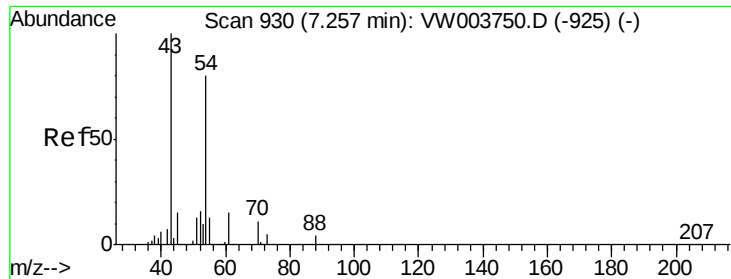
apatel
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#36
 1,1-Dichloropropene
 Concen: 21.701 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: VW003872.D
 Acq: 11 Jul 2018 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	33.7	16.9	50.6	
77	31.4	24.8	37.2	





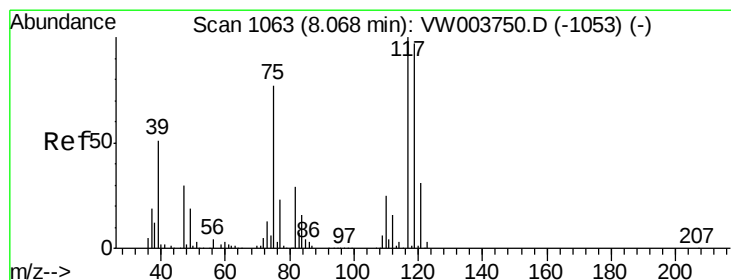
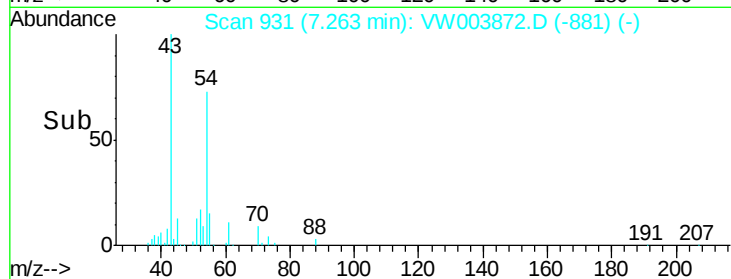
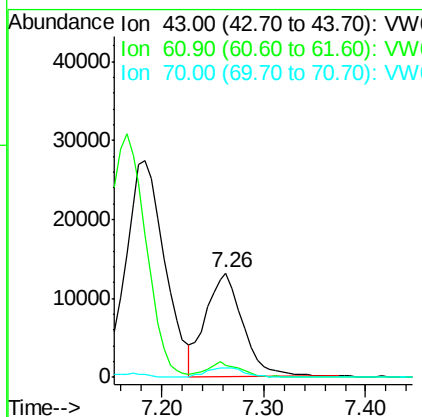
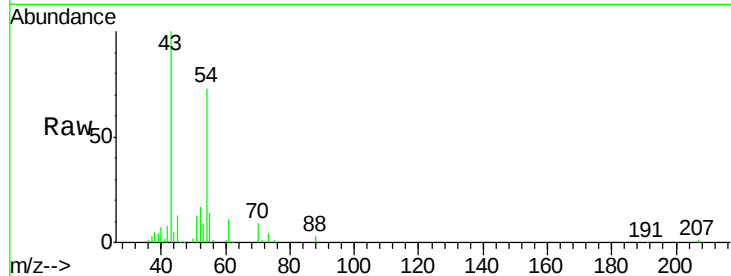
#37
Ethyl Acetate
Concen: 19.370 ug/l
RT: 7.26 min Scan# 931
Delta R.T. 0.01 min
Lab File: VW003872.D
Acq: 11 Jul 2018 19:15

Instrument :
MSVOA_W
ClientSampled :
VW0711SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.9	10.6	15.8
70	9.5	7.5	11.3

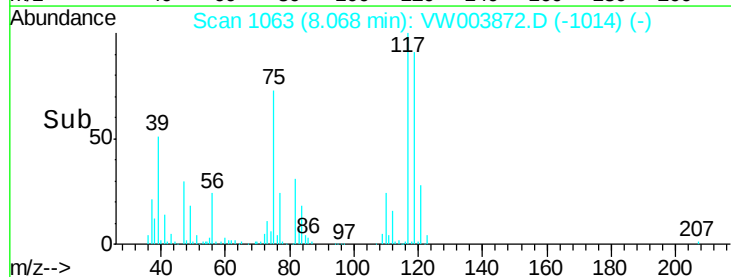
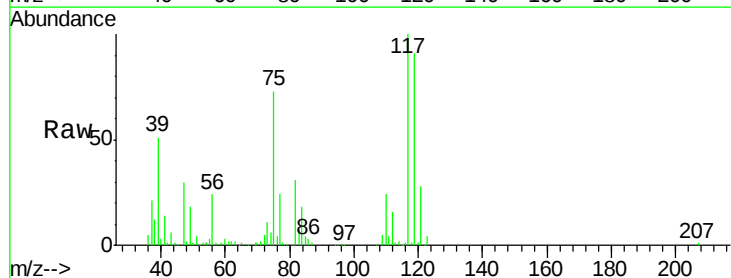
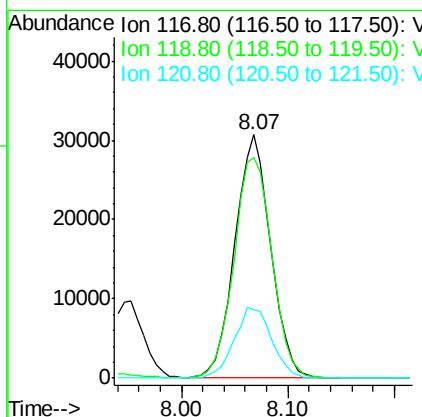
Manual Integrations
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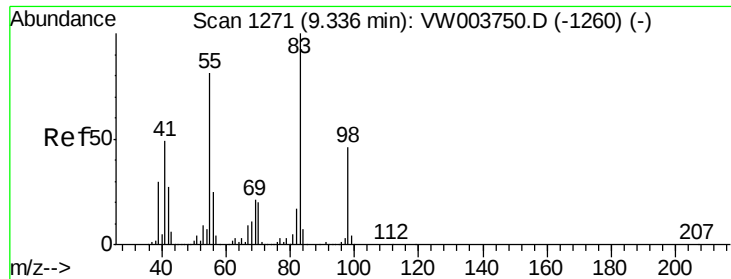
apatel
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#38
Carbon Tetrachloride
Concen: 21.386 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VW003872.D
Acq: 11 Jul 2018 19:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.6	77.4	116.2
121	27.8	24.6	37.0





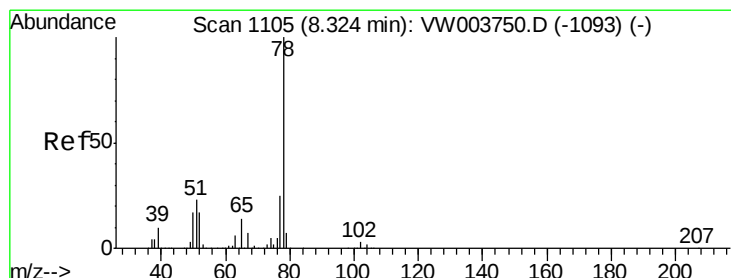
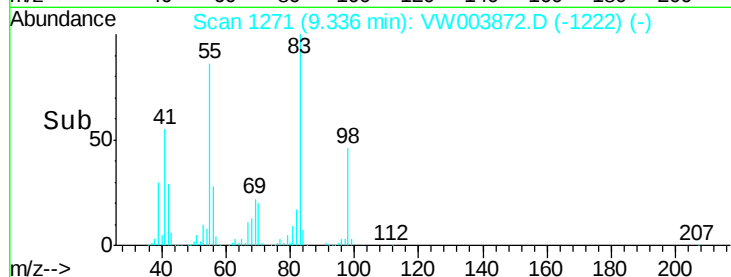
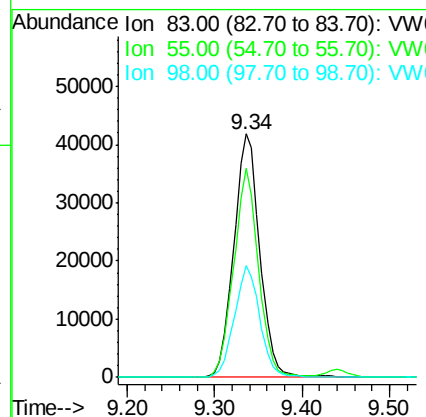
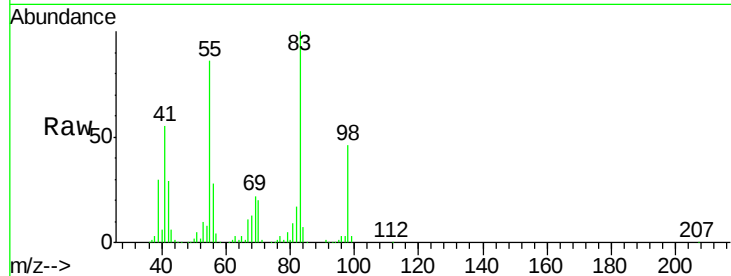
#39
Methvlcvclohexane
Concen: 22.220 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW003872.D
Acq: 11 Jul 2018 19:15

Instrument :
MSVOA_W
ClientSampleId :
VW0711SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	85.8	65.1	97.7
98	45.7	36.7	55.1

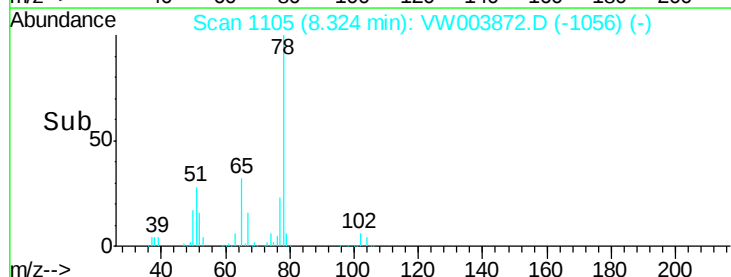
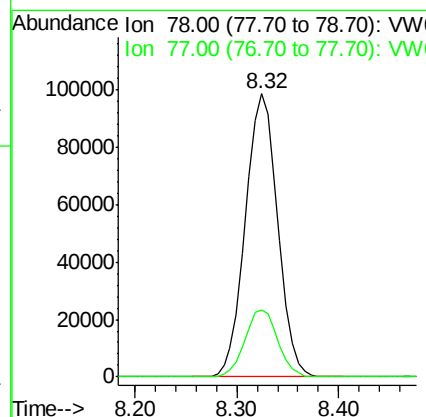
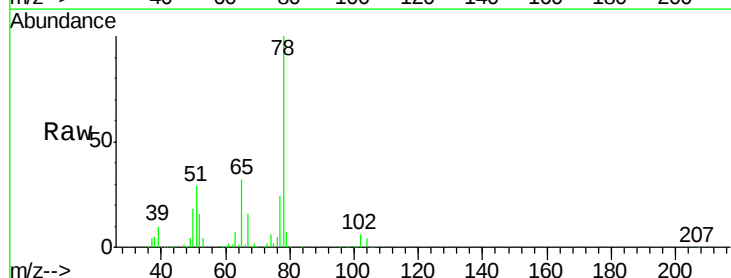
Manual Integrations
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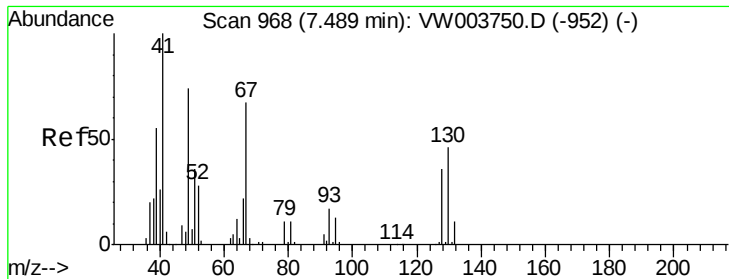
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#40
Benzene
Concen: 21.385 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW003872.D
Acq: 11 Jul 2018 19:15

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.7	29.5





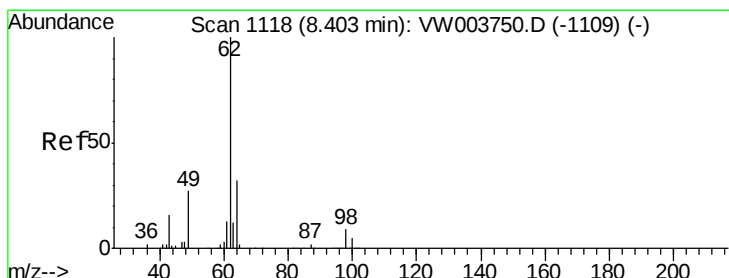
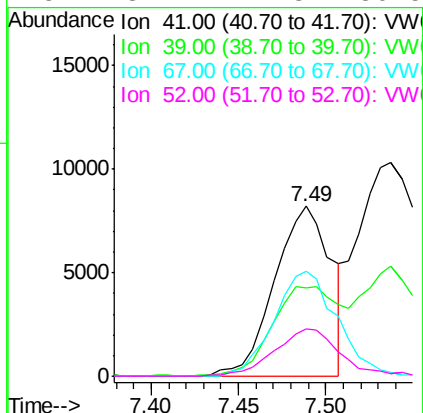
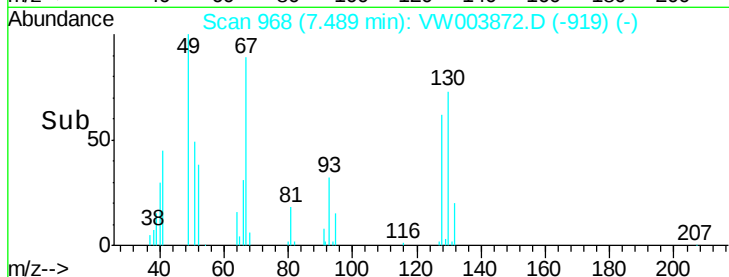
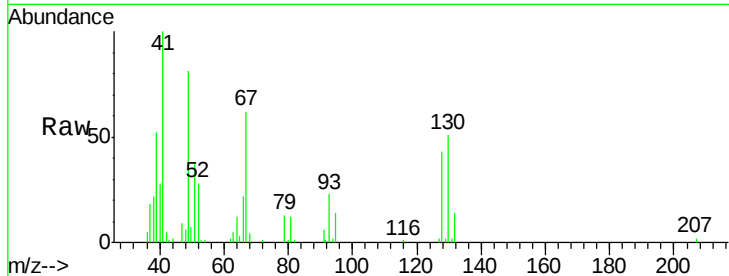
#41
Methacrylonitrile
Concen: 18.599 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.00 min
Lab File: VW003872.D
Acq: 11 Jul 2018 19:15

Instrument :
MSVOA_W
ClientSampleId :
VW0711SBS01

Tot Ion	41	Resp	18511
Ion Ratio	Lower	Upper	
41	100		
39	65.3	49.5	74.3
67	68.7	53.8	80.8
52	32.1	24.3	36.5

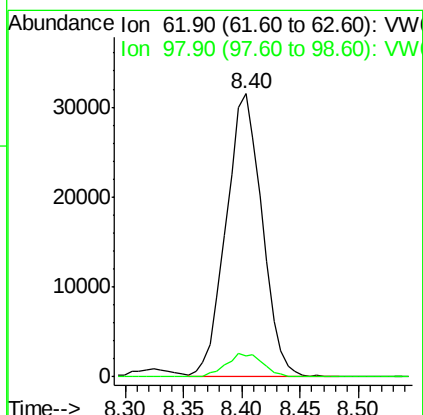
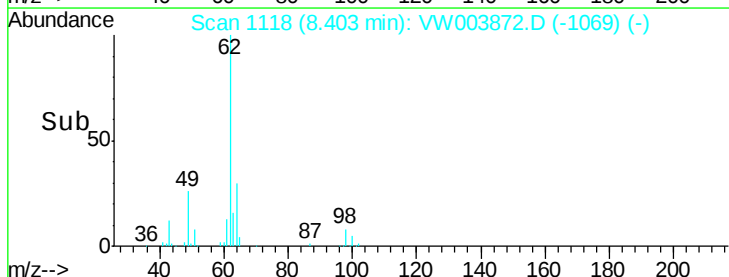
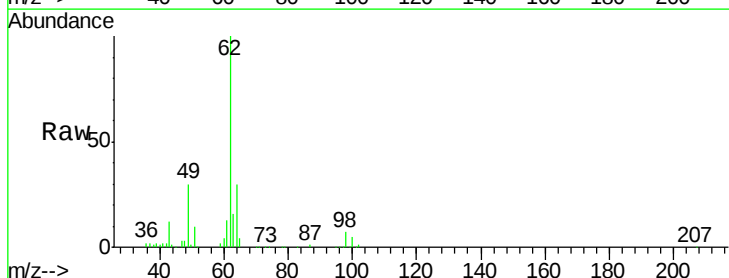
Manual Integrations
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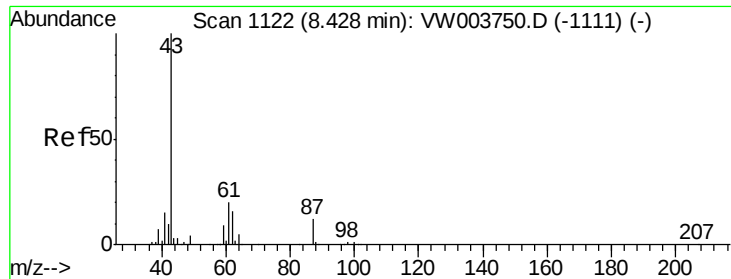
apatel
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#42
1,2-Dichloroethane
Concen: 20.616 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW003872.D
Acq: 11 Jul 2018 19:15

Tgt Ion	62	Resp	67827
Ion Ratio	Lower	Upper	
62	100		
98	8.5	0.0	16.4





#43

Isopropyl Acetate

Concen: 19.199 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.01 min

Lab File: VW003872.D

Acq: 11 Jul 2018 19:15

Instrument :

MSVOA_W

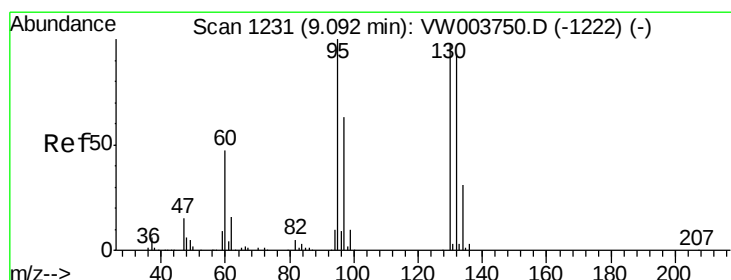
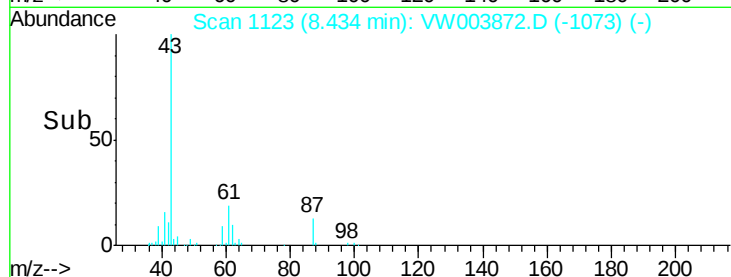
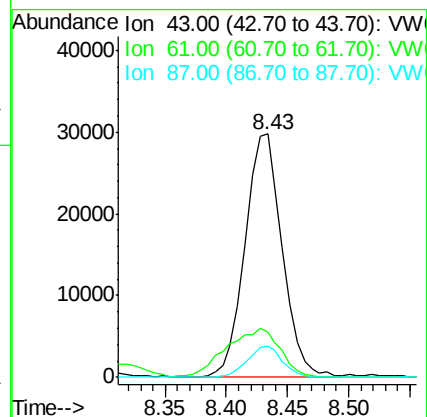
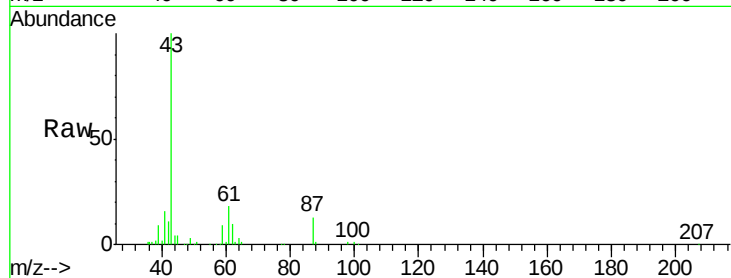
ClientSampleId :

VW0711SBS01

Tot Ion:	43	Resp:	62957
Ion	Ratio	Lower	Upper
43	100		
61	29.5	22.8	34.2
87	12.0	9.5	14.3

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#44

Trichloroethene

Concen: 21.148 ug/l

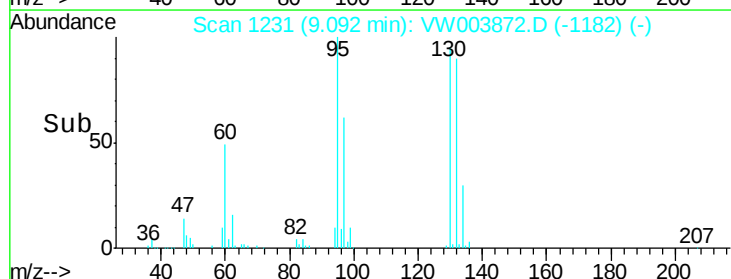
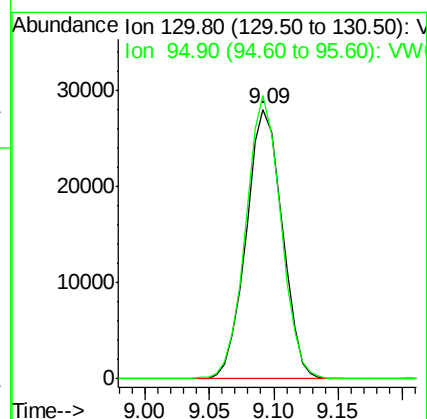
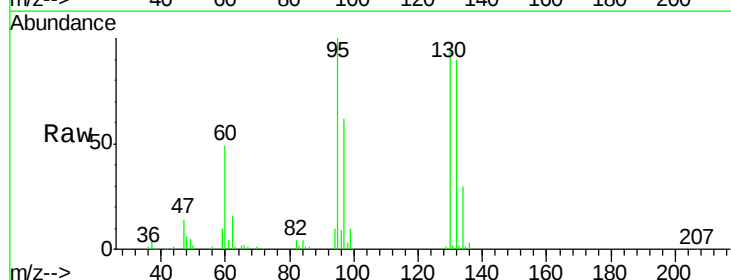
RT: 9.09 min Scan# 1231

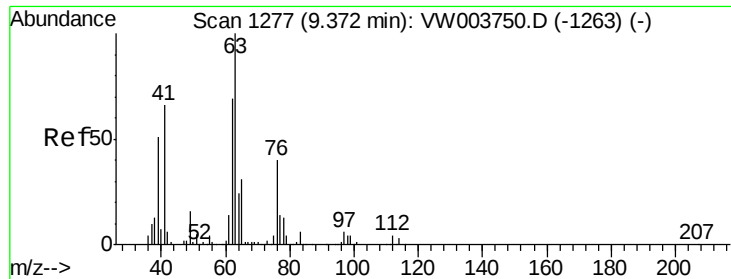
Delta R.T. -0.00 min

Lab File: VW003872.D

Acq: 11 Jul 2018 19:15

Tgt Ion:	130	Resp:	54198
Ion	Ratio	Lower	Upper
130	100		
95	105.0	0.0	203.8





#45

1,2-Dichloropropane

Concen: 20.936 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. -0.00 min

Lab File: VW003872.D

Acq: 11 Jul 2018 19:15

Instrument :

MSVOA_W

ClientSampleId :

VW0711SBS01

Tot Ion: 63 Resp: 55338

Ion Ratio Lower Upper

63 100

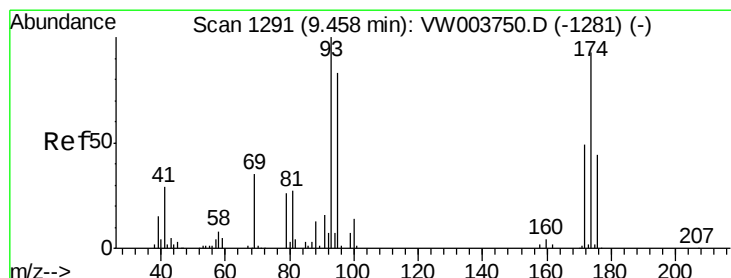
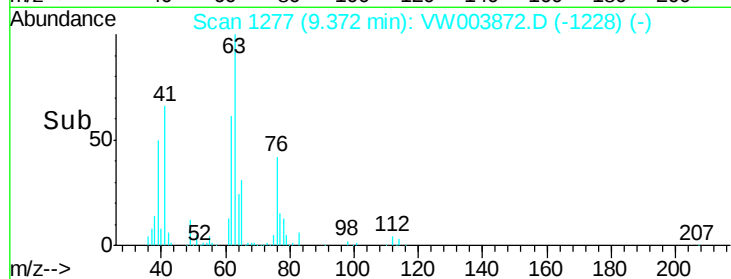
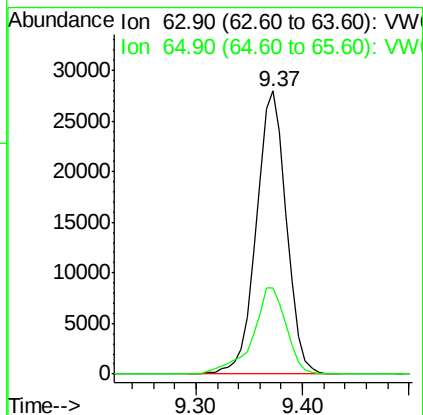
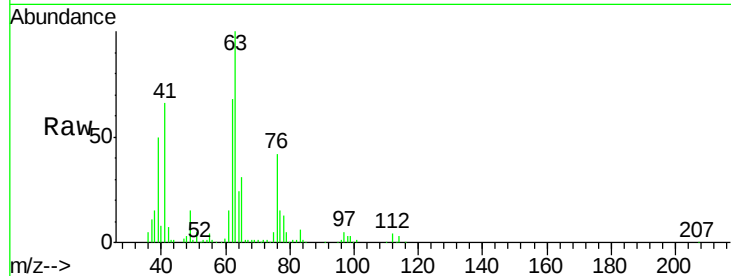
65 30.5 24.9 37.3

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#46

Dibromomethane

Concen: 20.213 ug/l

RT: 9.46 min Scan# 1291

Delta R.T. -0.00 min

Lab File: VW003872.D

Acq: 11 Jul 2018 19:15

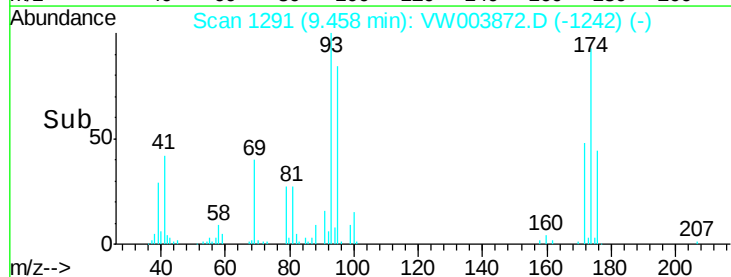
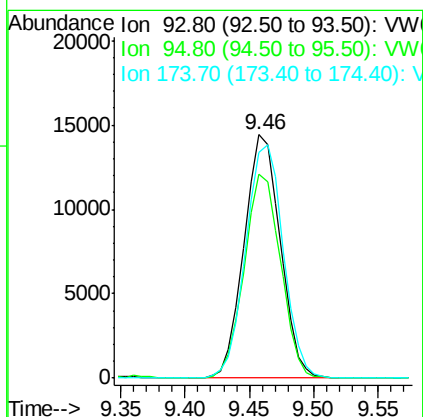
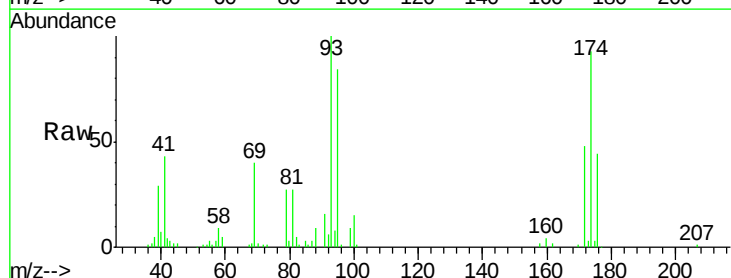
Tgt Ion: 93 Resp: 28093

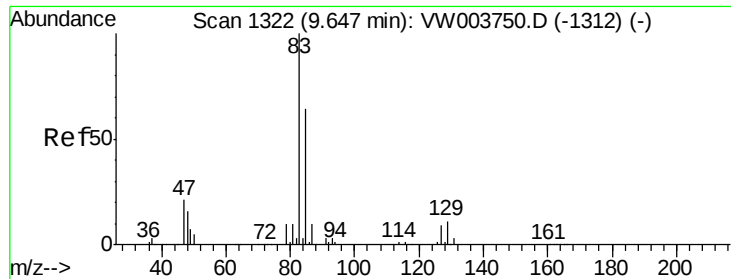
Ion Ratio Lower Upper

93 100

95 83.9 67.2 100.8

174 99.3 78.1 117.1





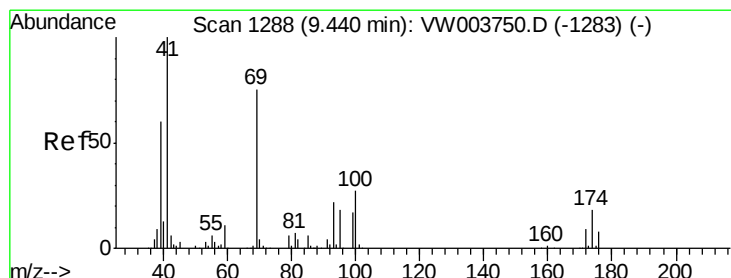
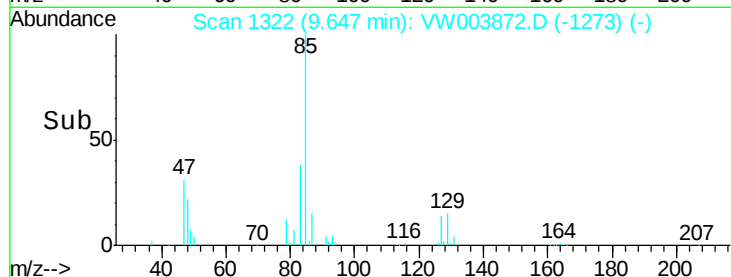
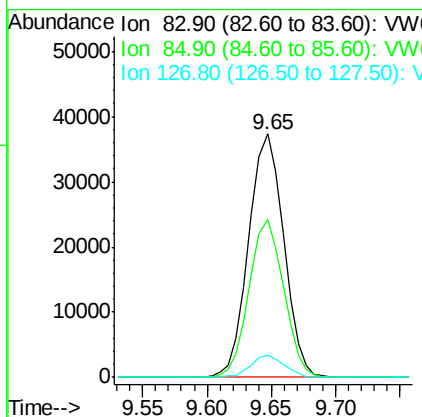
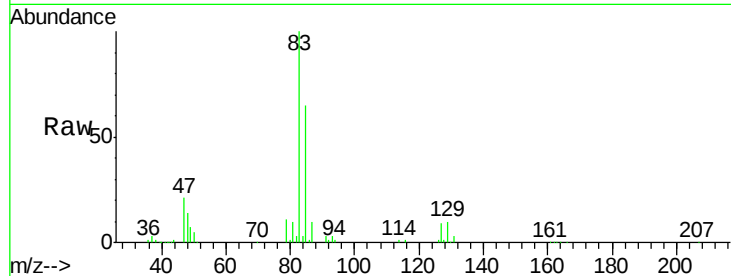
#47
Bromodichloromethane
Concen: 20.573 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VW003872.D
Acq: 11 Jul 2018 19:15

Instrument :
MSVOA_W
ClientSampleId :
VW0711SBS01

Tot Ion	83	Resp	70342
Ion Ratio	100	Lower	Upper
83	100		
85	65.0	51.4	77.0
127	9.1	6.8	10.2

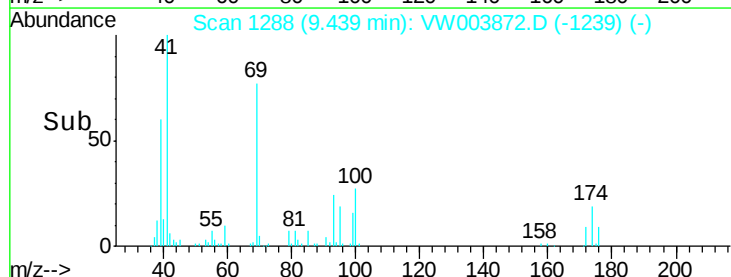
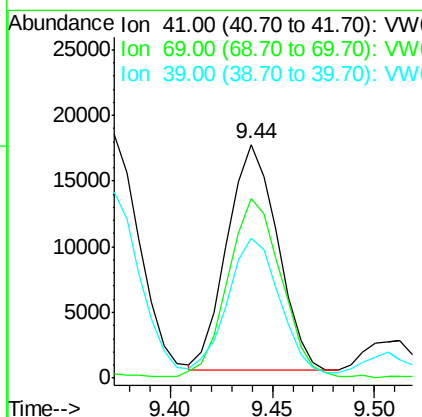
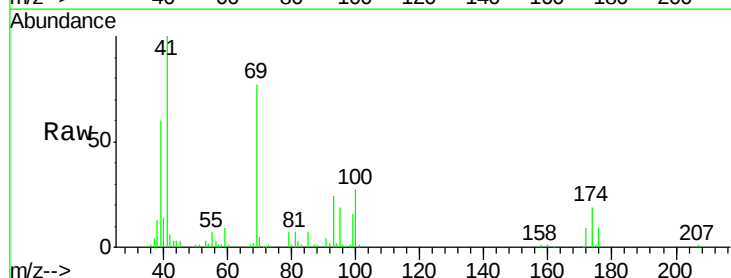
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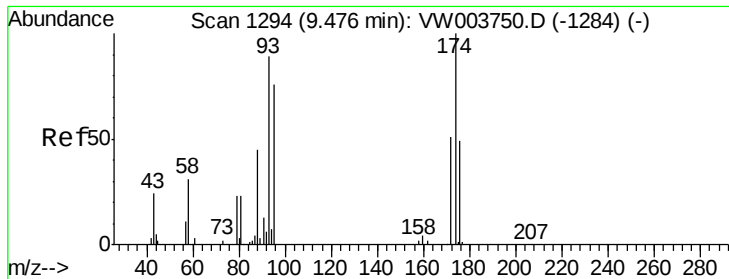
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#48
Methyl methacrylate
Concen: 18.982 ug/l
RT: 9.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VW003872.D
Acq: 11 Jul 2018 19:15

Tgt Ion	41	Resp	29643
Ion Ratio	100	Lower	Upper
41	100		
69	84.4	63.8	95.8
39	65.4	50.2	75.2





#49

1,4-Dioxane

Concen: 371.364 ug/l

RT: 9.48 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VW003872.D

Acq: 11 Jul 2018 19:15

Instrument :

MSVOA_W

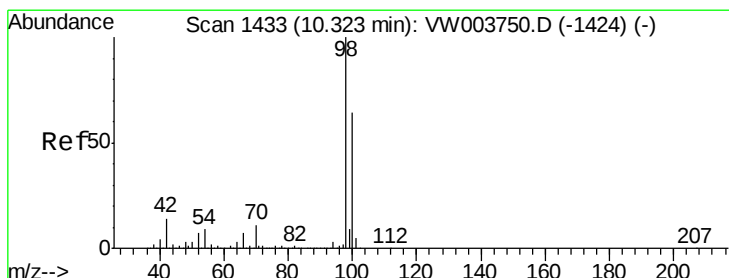
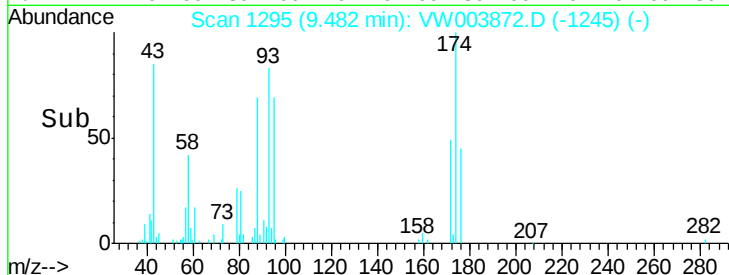
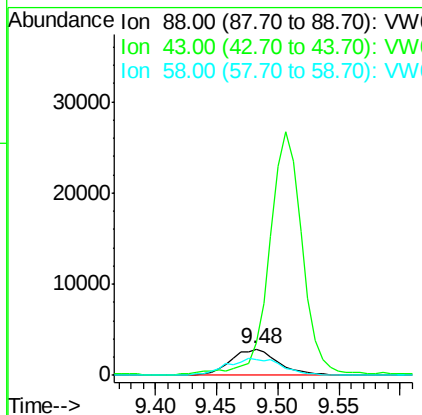
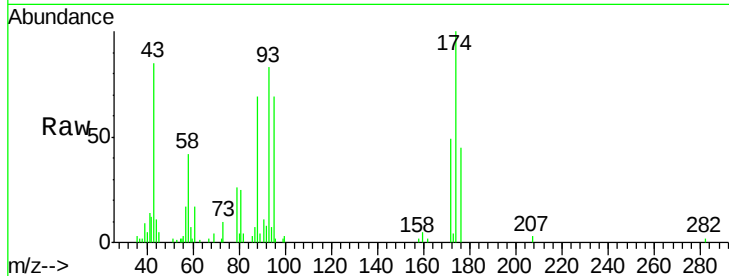
ClientSampleId :

VW0711SBS01

Tot Ion	88	Resp	7714
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	77.1	59.7	89.5

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#50

Toluene-d8

Concen: 49.084 ug/l

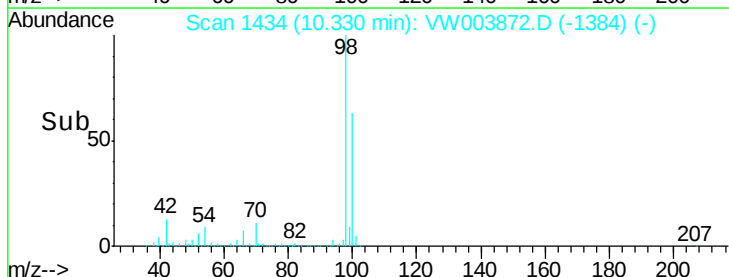
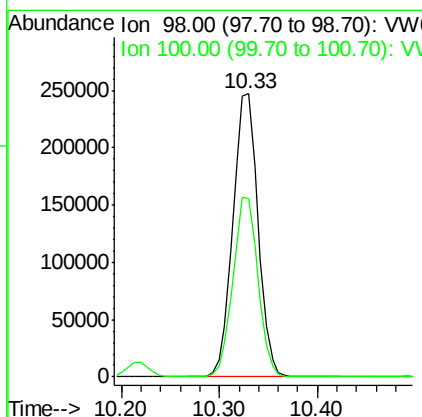
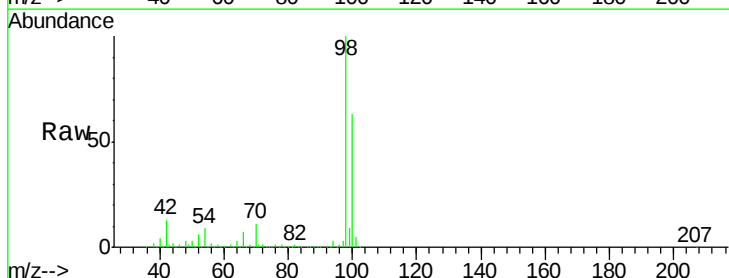
RT: 10.33 min Scan# 1434

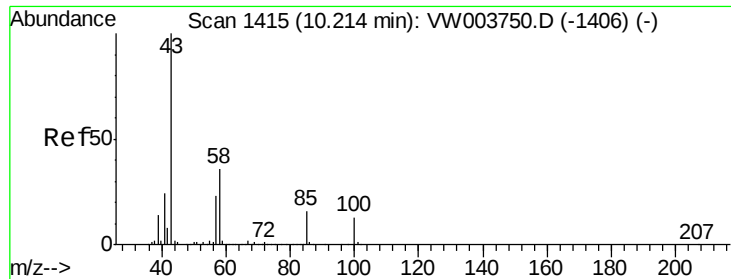
Delta R.T. 0.01 min

Lab File: VW003872.D

Acq: 11 Jul 2018 19:15

Tgt Ion	98	Resp	440385
Ion	Ratio	Lower	Upper
98	100		
100	63.3	50.8	76.2





#51

4-Methyl-2-Pentanone

Concen: 97.156 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VW003872.D

Acq: 11 Jul 2018 19:15

Instrument :

MSVOA_W

ClientSampled :

VW0711SBS01

Tot Ion: 43 Resp: 164862

Ion Ratio Lower Upper

43 100

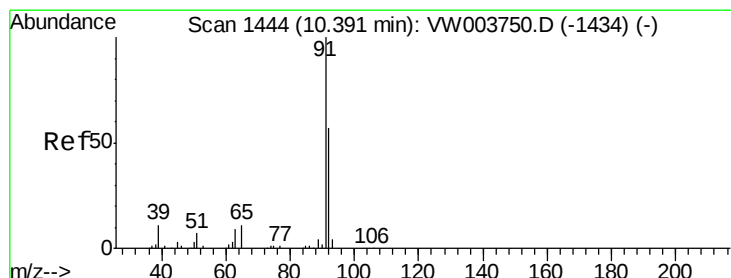
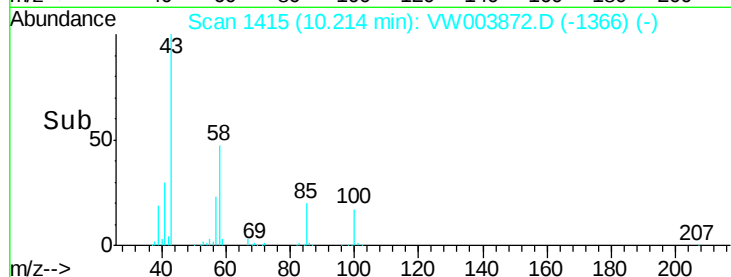
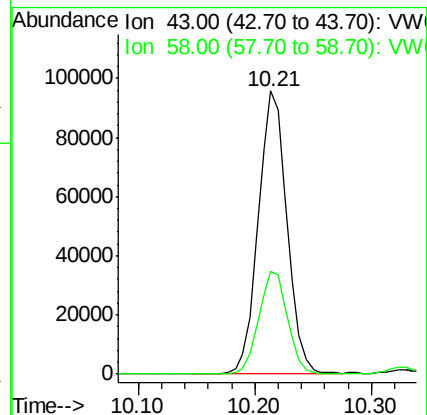
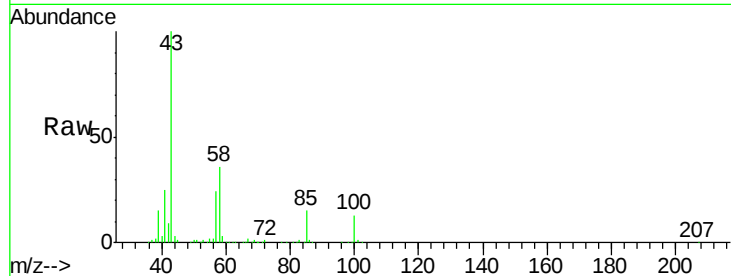
58 36.4 29.3 43.9

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#52

Toluene

Concen: 21.735 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW003872.D

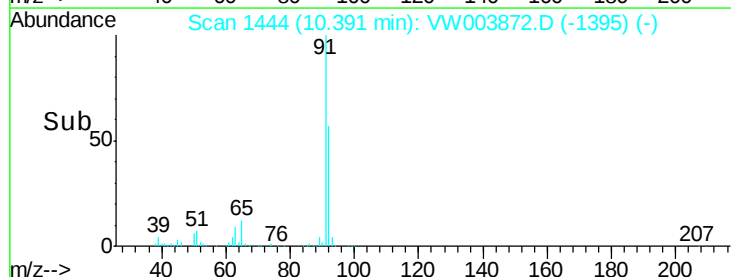
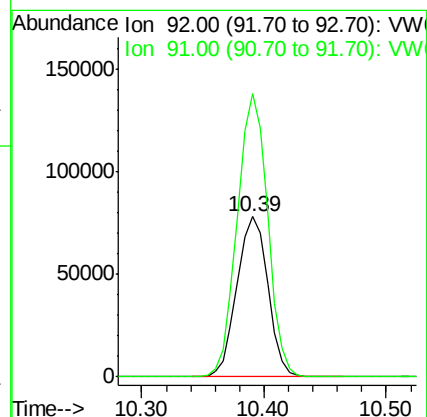
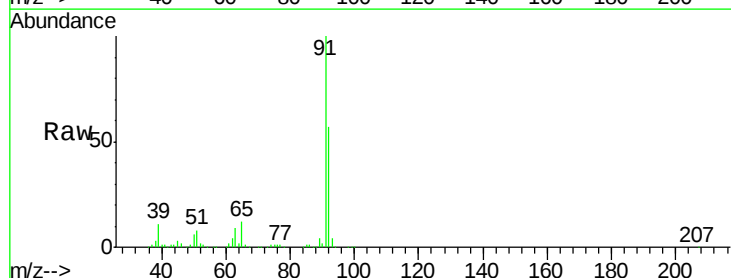
Acq: 11 Jul 2018 19:15

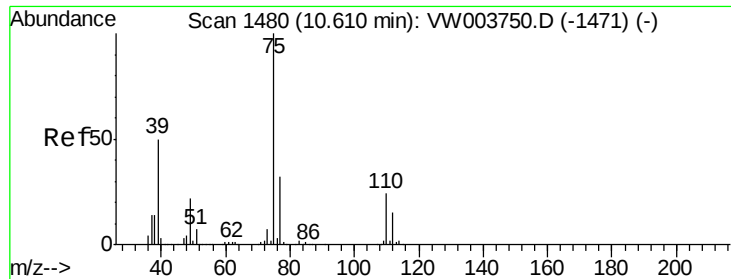
Tgt Ion: 92 Resp: 137009

Ion Ratio Lower Upper

92 100

91 173.3 140.6 211.0





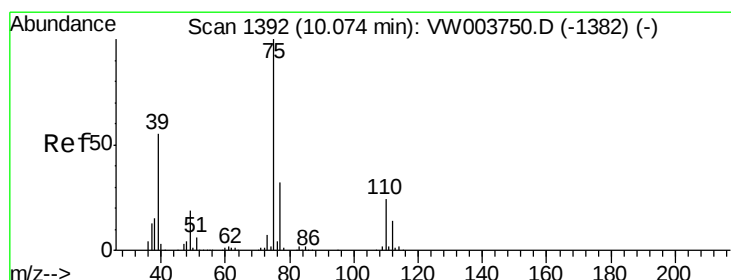
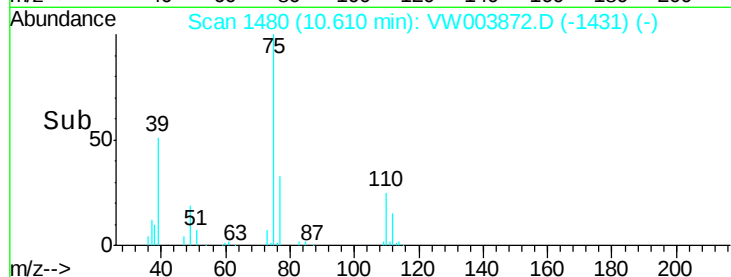
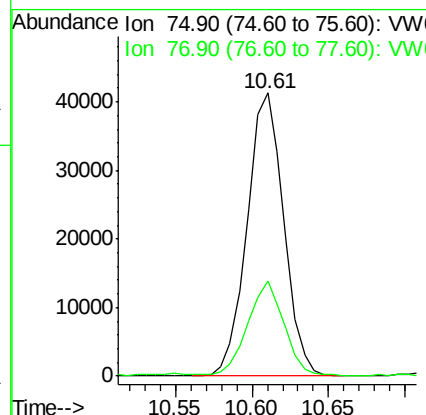
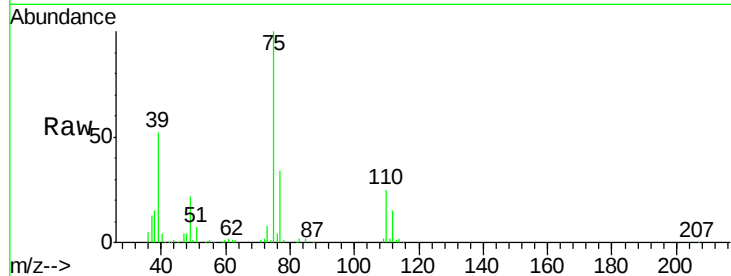
#53
t-1,3-Dichloropropene
Concen: 20.141 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. -0.00 min
Lab File: VW003872.D
Acq: 11 Jul 2018 19:15

Instrument :
MSVOA_W
ClientSampleId :
VW0711SBS01

Tot Ion: 75 Resp: 68758
Ion Ratio Lower Upper
75 100
77 33.5 25.5 38.3

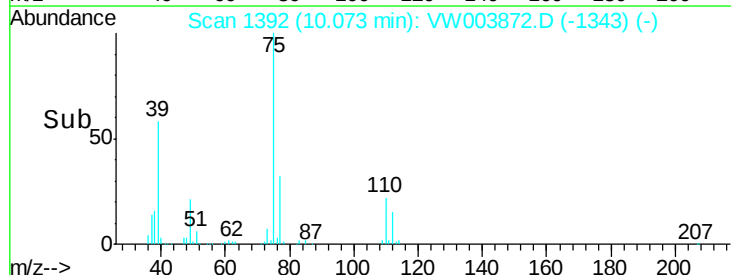
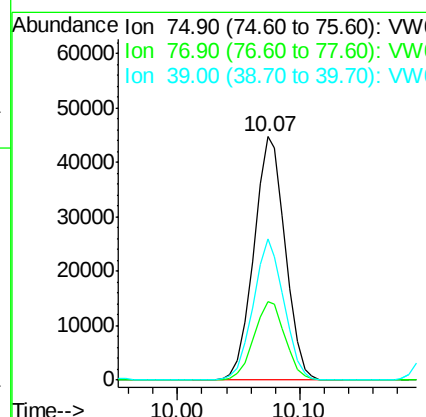
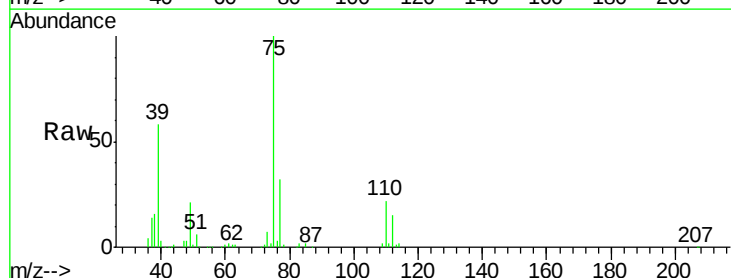
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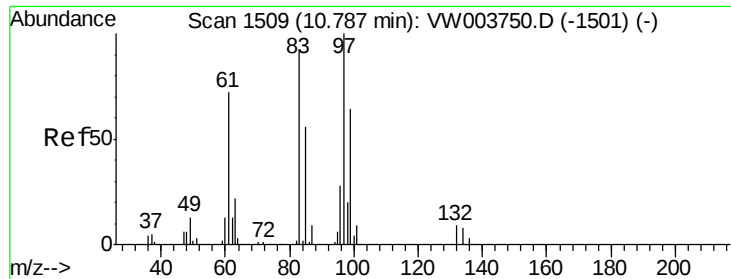
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#54
cis-1,3-Dichloropropene
Concen: 20.712 ug/l
RT: 10.07 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW003872.D
Acq: 11 Jul 2018 19:15

Tgt Ion: 75 Resp: 79820
Ion Ratio Lower Upper
75 100
77 32.2 25.6 38.4
39 57.7 43.6 65.4





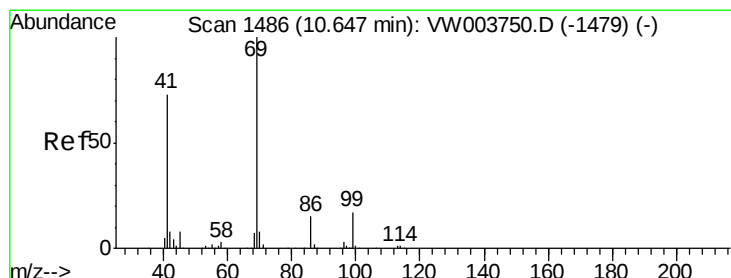
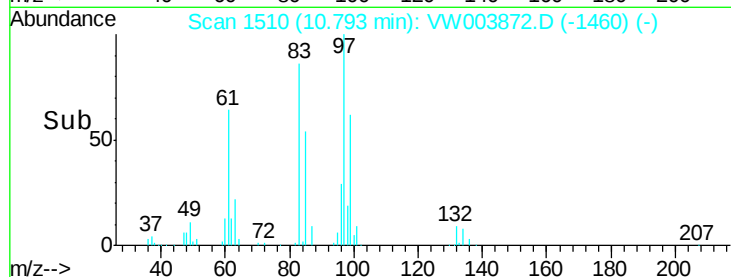
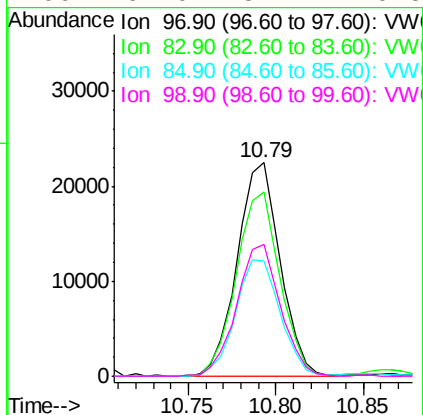
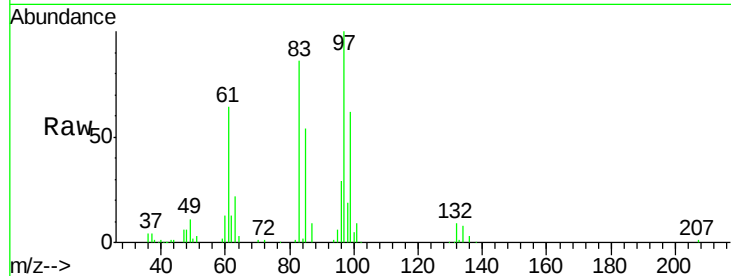
#55
 1,1,2-Trichloroethane
 Concen: 19.942 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.01 min
 Lab File: VW003872.D
 Acq: 11 Jul 2018 19:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0711SBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	86.1	73.8	110.6
85	53.9	45.0	67.4
99	62.0	51.2	76.8

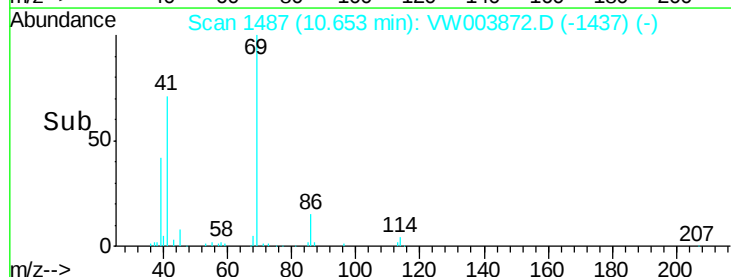
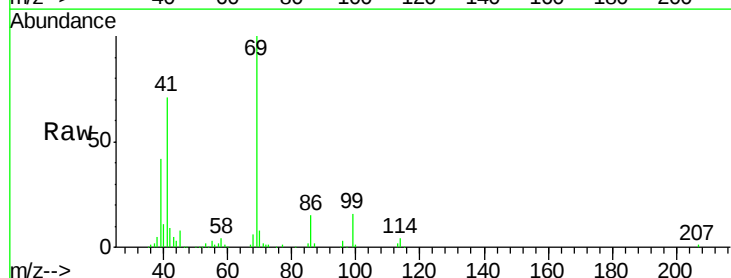
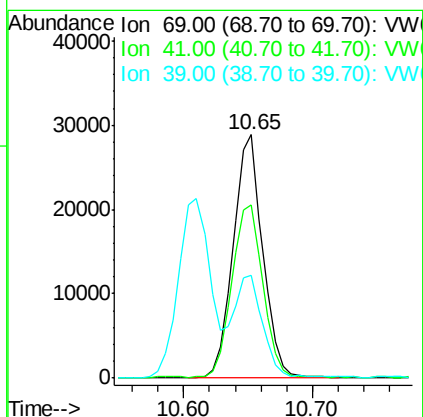
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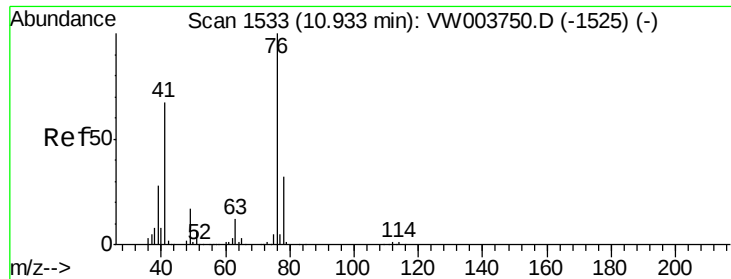
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#56
 Ethyl methacrylate
 Concen: 19.555 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: VW003872.D
 Acq: 11 Jul 2018 19:15

Tgt Ion	Ratio	Lower	Upper
69	100		
41	74.8	59.0	88.4
39	38.2	32.8	49.2





#57

1,3-Dichloropropane

Concen: 20.161 ug/l

RT: 10.93 min Scan# 1533

Delta R.T. -0.00 min

Lab File: VW003872.D

Acq: 11 Jul 2018 19:15

Instrument :

MSVOA_W

ClientSampled :

VW0711SBS01

Tot Ion: 76 Resp: 67832

Ion Ratio Lower Upper

76 100

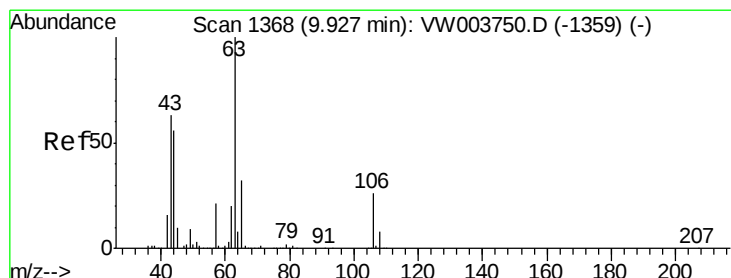
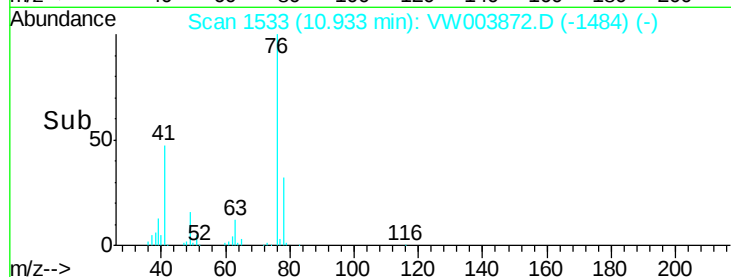
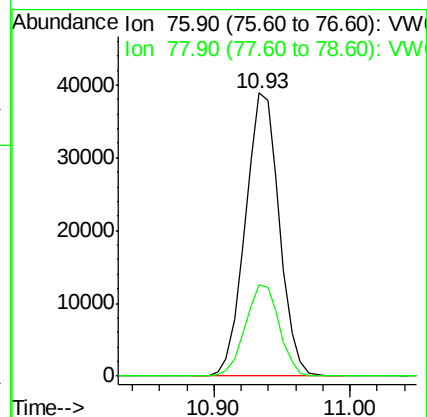
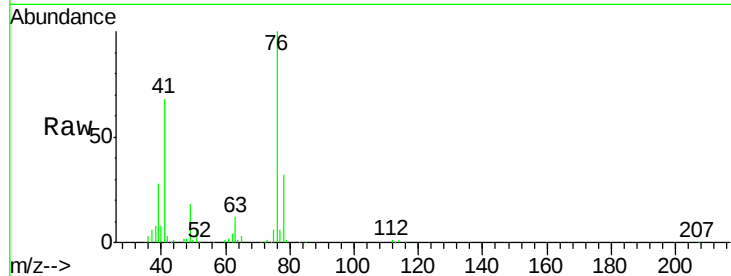
78 32.5 25.6 38.4

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 90.617 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VW003872.D

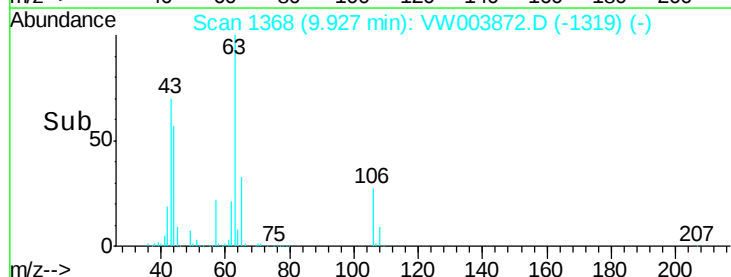
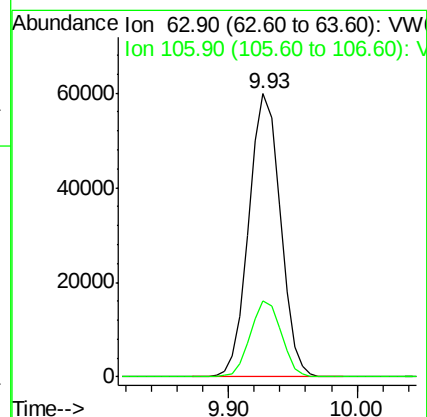
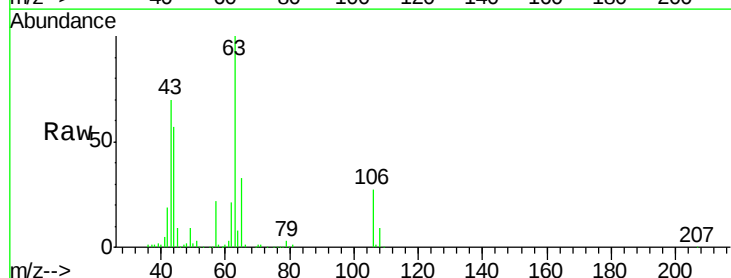
Acq: 11 Jul 2018 19:15

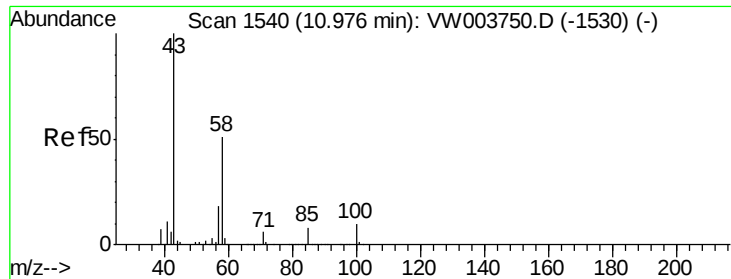
Tgt Ion: 63 Resp: 101398

Ion Ratio Lower Upper

63 100

106 26.4 20.9 31.3





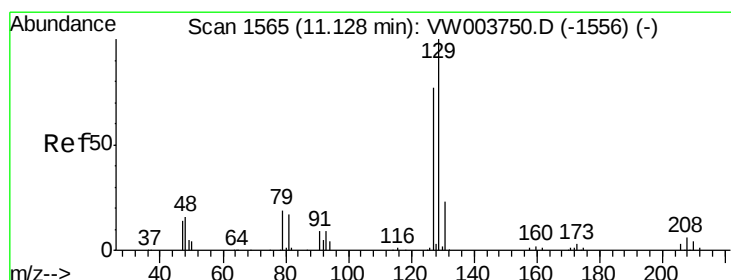
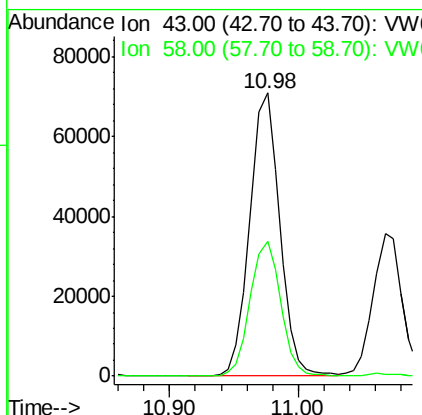
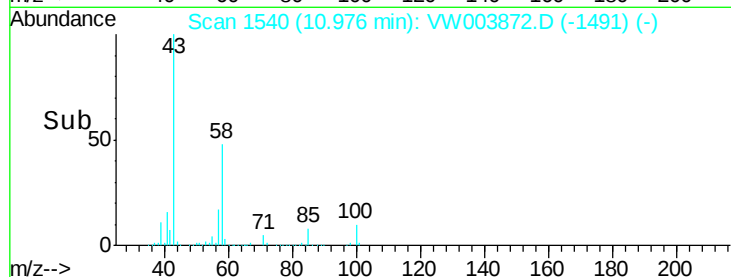
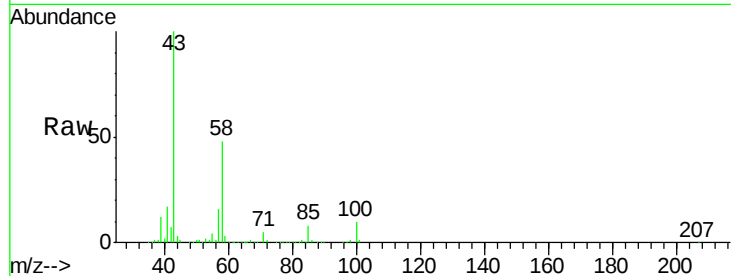
#59
2-Hexanone
Concen: 98.090 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW003872.D
Acq: 11 Jul 2018 19:15

Instrument :
MSVOA_W
ClientSampleId :
VW0711SBS01

Tot Ion: 43 Resp: 114297
Ion Ratio Lower Upper
43 100
58 48.4 25.4 76.2

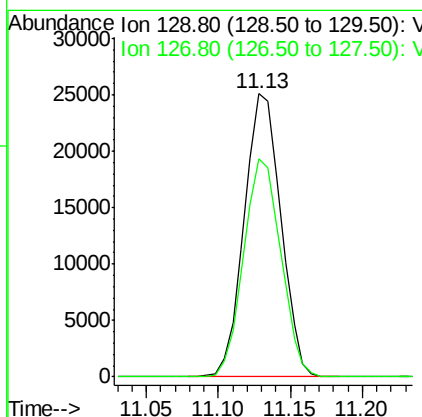
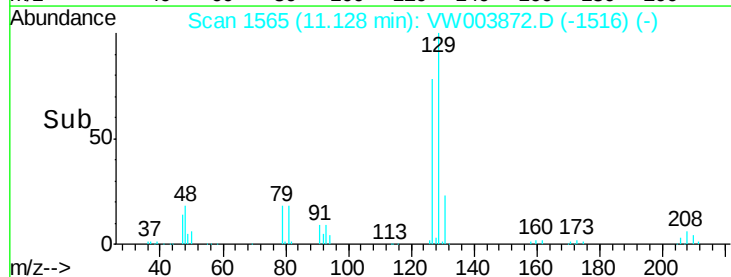
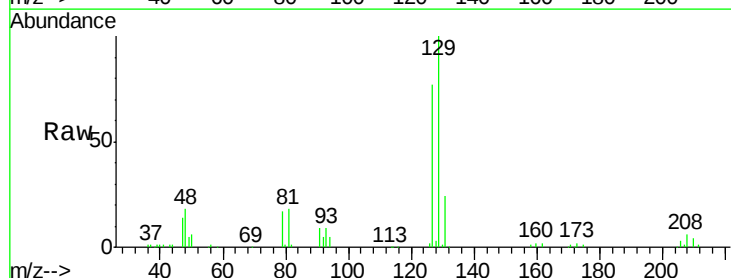
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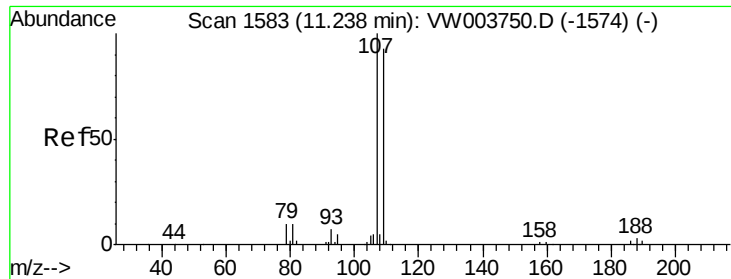
apatel
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#60
Dibromochloromethane
Concen: 19.646 ug/l
RT: 11.13 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VW003872.D
Acq: 11 Jul 2018 19:15

Tgt Ion: 129 Resp: 44269
Ion Ratio Lower Upper
129 100
127 78.2 38.9 116.6





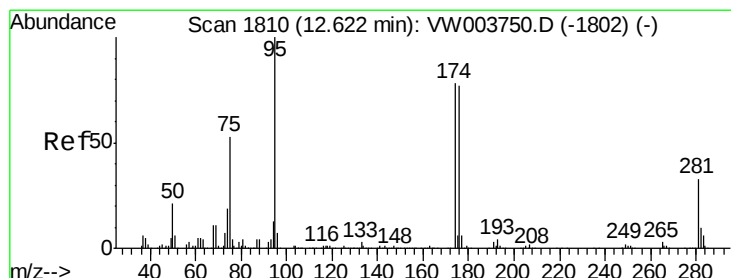
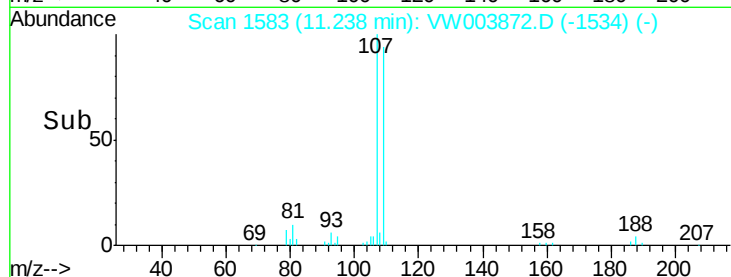
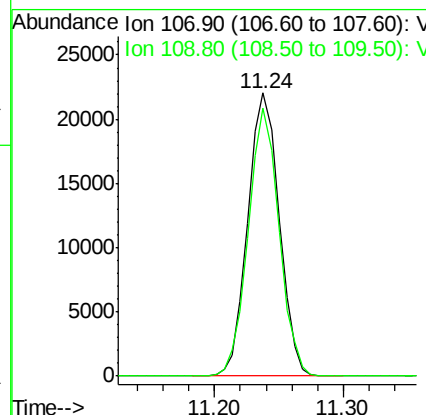
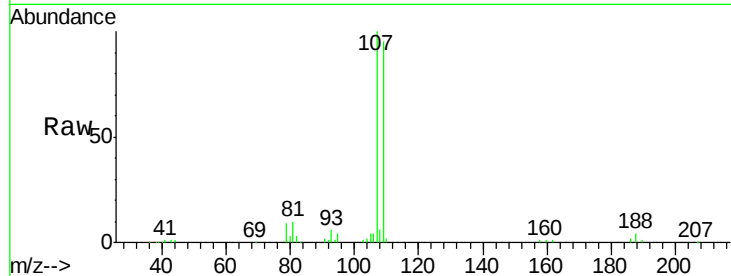
#61
 1,2-Dibromoethane
 Concen: 20.146 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VW003872.D
 Acq: 11 Jul 2018 19:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0711SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.4	75.1	112.7

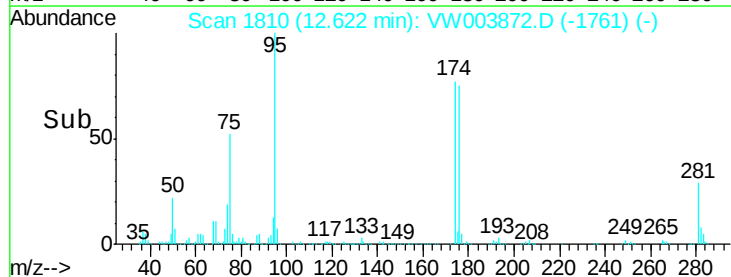
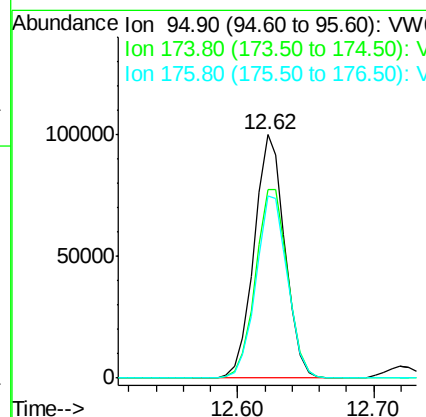
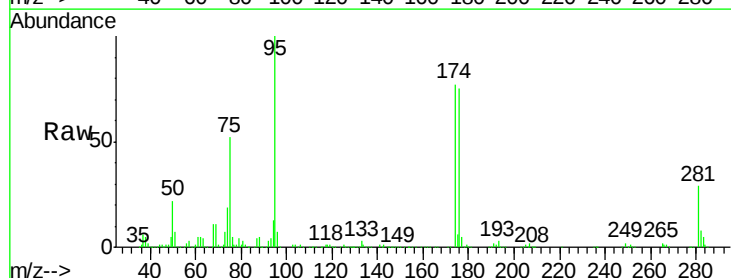
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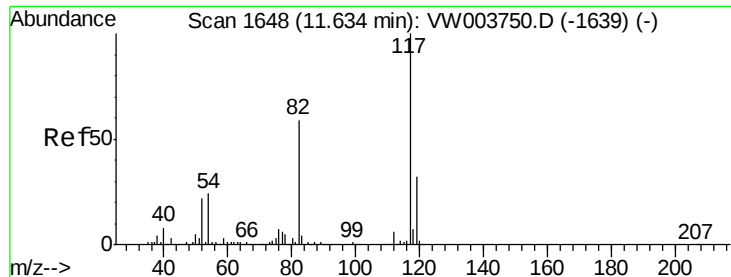
apatel
 7/12/2018 10:59:00 AM



#62
 4-Bromofluorobenzene
 Concen: 48.772 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VW003872.D
 Acq: 11 Jul 2018 19:15

Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.8	0.0	163.4
176	76.7	0.0	156.8





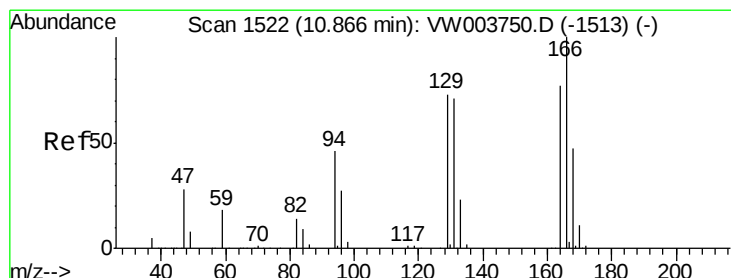
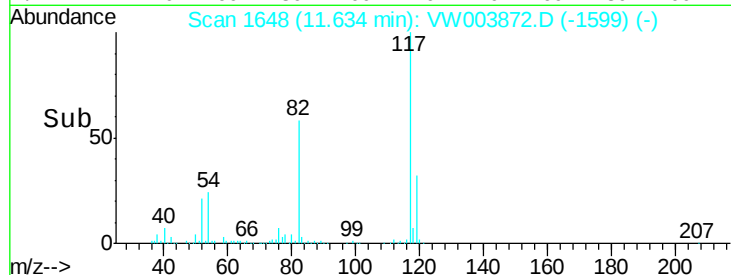
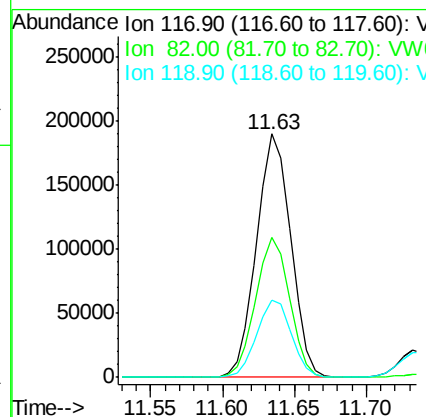
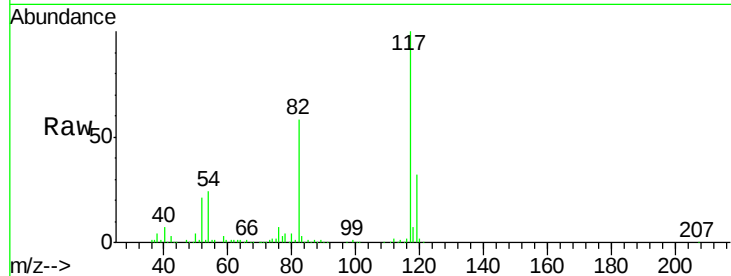
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003872.D
Acq: 11 Jul 2018 19:15

Instrument :
MSVOA_W
ClientSampleId :
VW0711SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	312112		
82	57.5	46.9	70.3	
119	31.9	25.5	38.3	

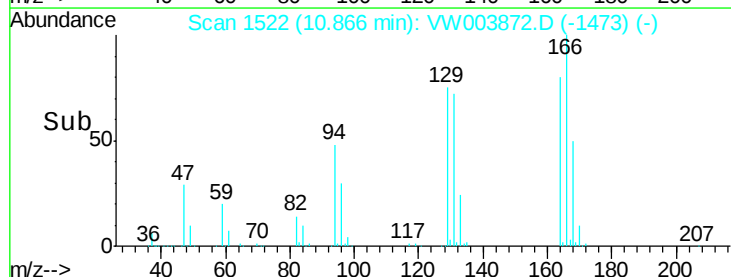
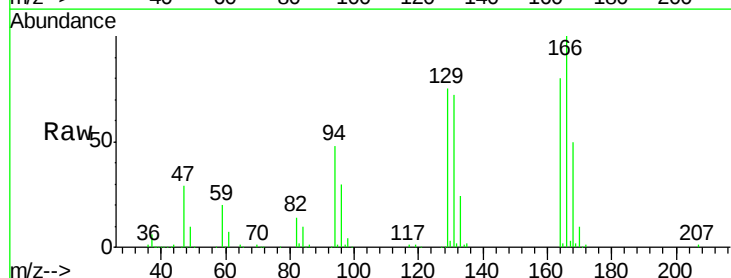
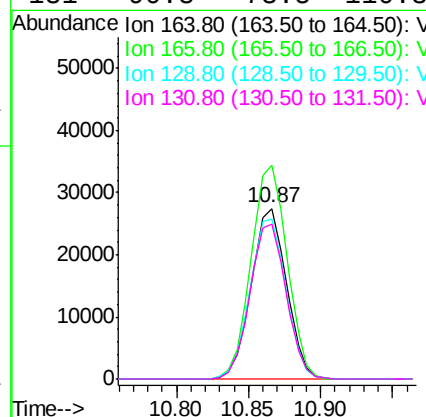
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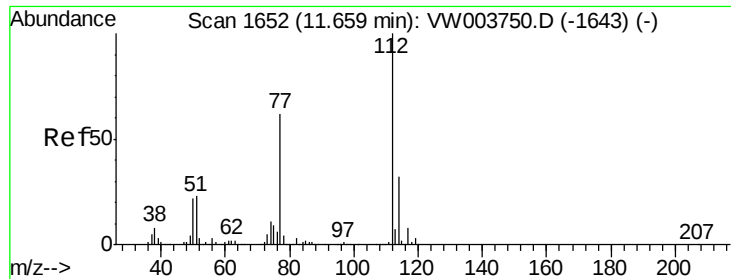
apatel
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#64
Tetrachloroethene
Concen: 20.141 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW003872.D
Acq: 11 Jul 2018 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	46500		
166	125.3	104.2	156.4	
129	93.7	75.8	113.8	
131	90.8	73.5	110.3	





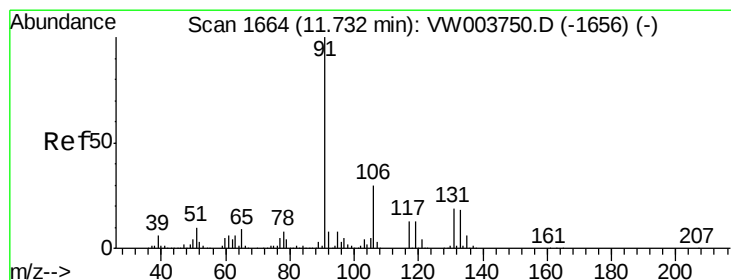
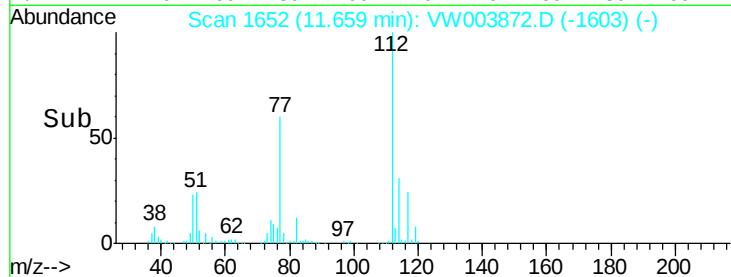
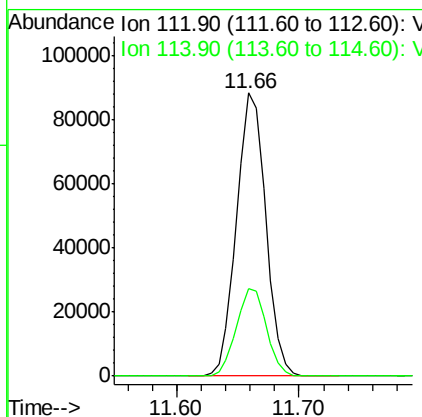
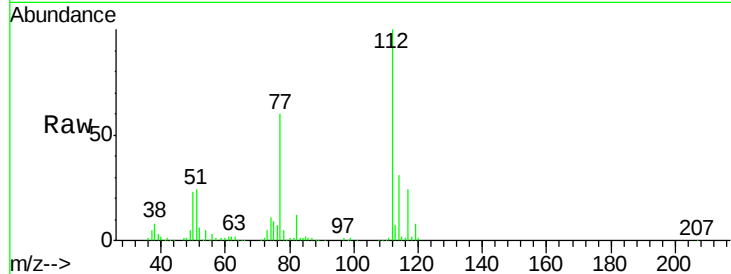
#65
Chlorobenzene
Concen: 21.317 ug/l
RT: 11.66 min Scan# 1652
Delta R.T. -0.00 min
Lab File: VW003872.D
Acq: 11 Jul 2018 19:15

Instrument :
MSVOA_W
ClientSampleId :
VW0711SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.0	26.0	39.0

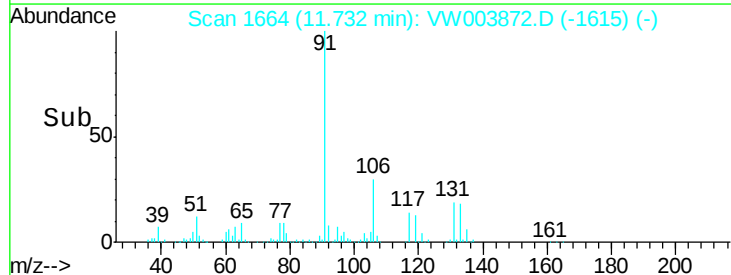
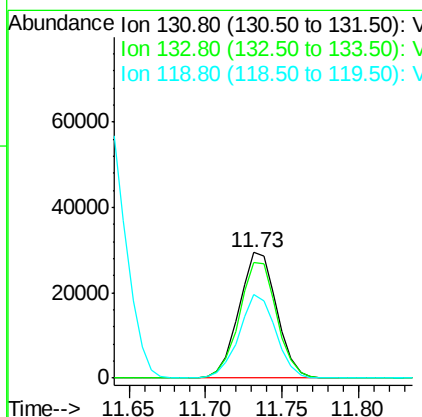
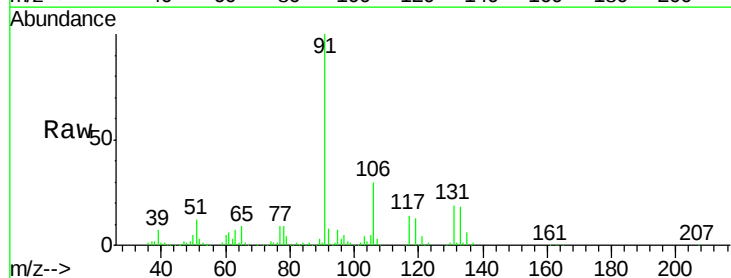
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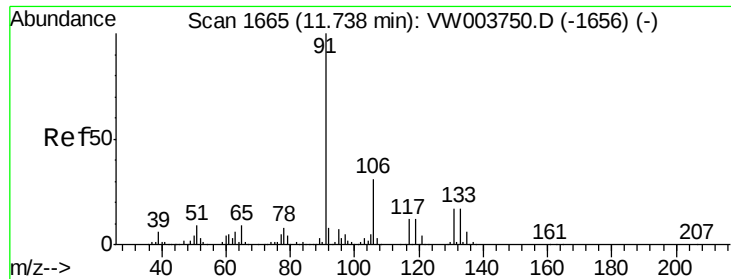
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.902 ug/l
RT: 11.73 min Scan# 1664
Delta R.T. -0.00 min
Lab File: VW003872.D
Acq: 11 Jul 2018 19:15

Tgt Ion	Ratio	Lower	Upper
131	100		
133	92.1	48.0	144.2
119	64.9	33.2	99.6





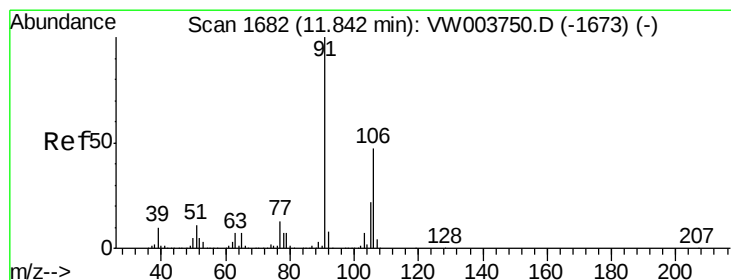
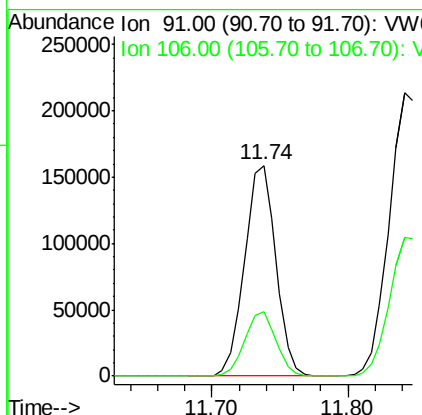
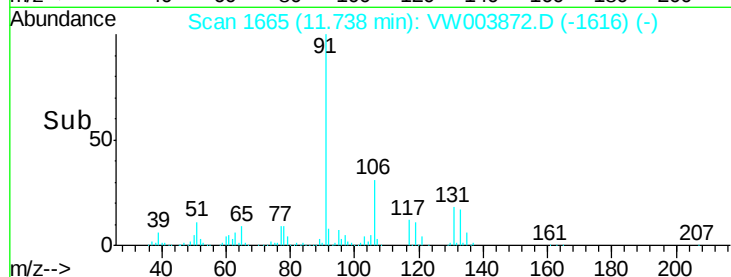
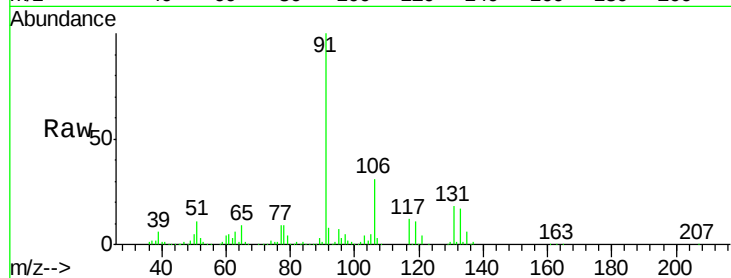
#67
Ethyl Benzene
Concen: 21.780 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW003872.D
Acq: 11 Jul 2018 19:15

Instrument :
MSVOA_W
ClientSampleId :
VW0711SBS01

Tot Ion: 91 Resp: 256243
Ion Ratio Lower Upper
91 100
106 30.6 24.6 37.0

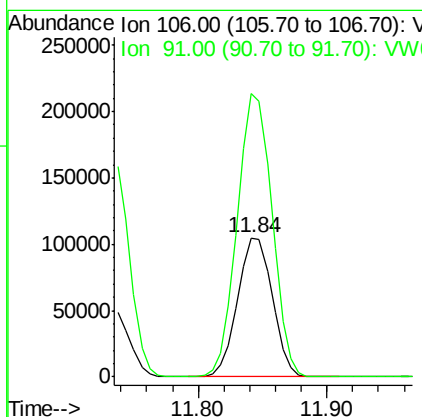
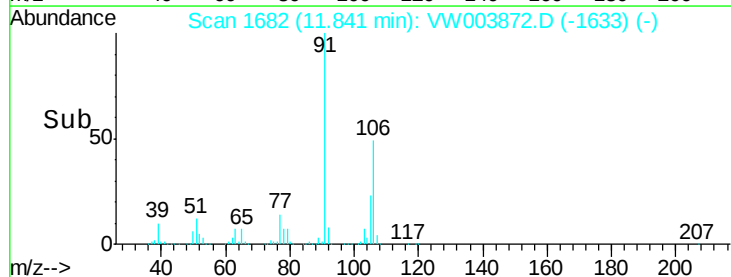
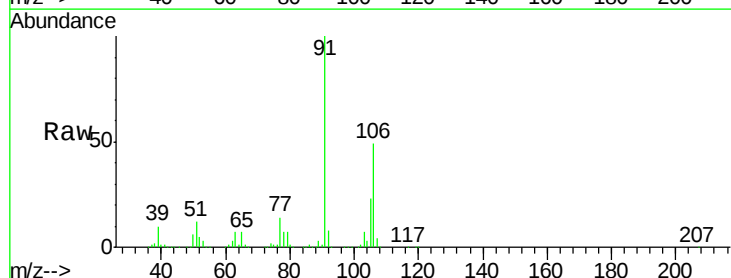
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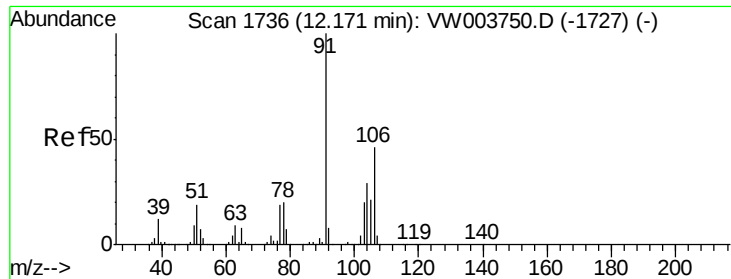
apatel
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#68
m/p-Xylenes
Concen: 43.656 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VW003872.D
Acq: 11 Jul 2018 19:15

Tgt Ion: 106 Resp: 196680
Ion Ratio Lower Upper
106 100
91 203.7 164.3 246.5





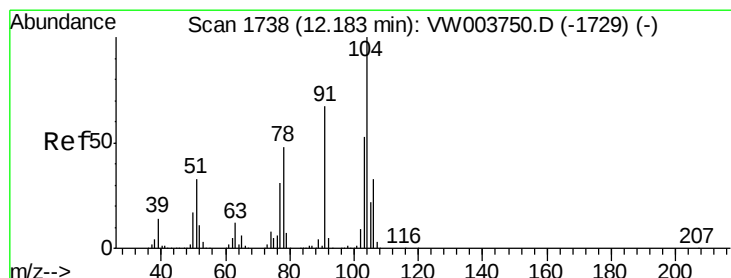
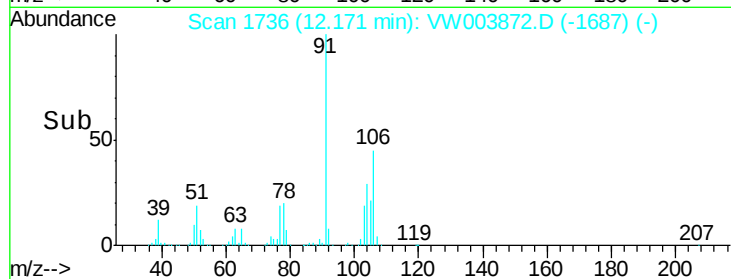
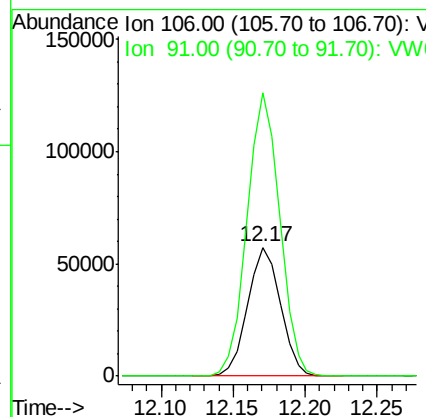
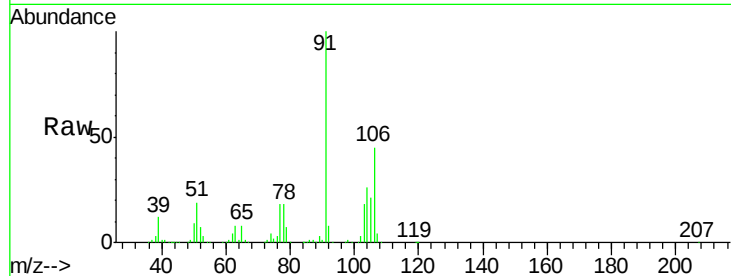
#69
o-Xylene
Concen: 21.751 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW003872.D
Acq: 11 Jul 2018 19:15

Instrument :
MSVOA_W
ClientSampleId :
VW0711SBS01

Tot Ion:106 Resp: 90421
Ion Ratio Lower Upper
106 100
91 220.1 109.1 327.2

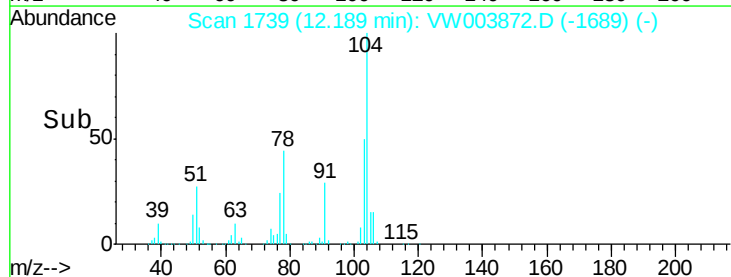
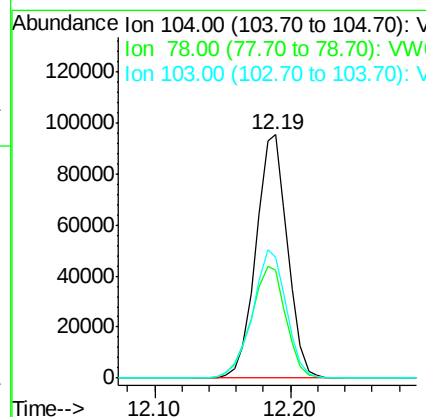
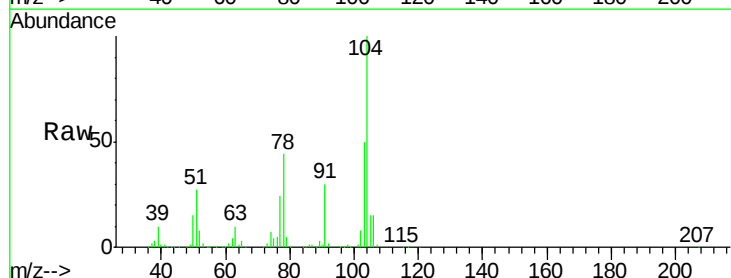
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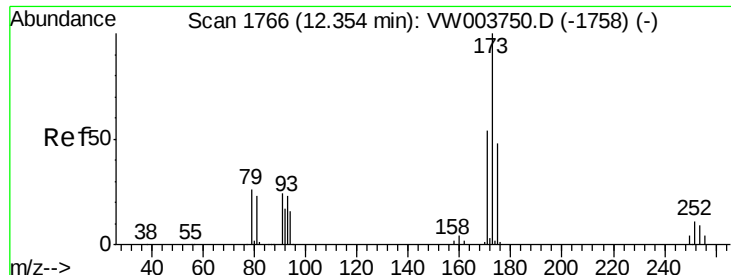
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#70
Styrene
Concen: 21.893 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VW003872.D
Acq: 11 Jul 2018 19:15

Tgt Ion:104 Resp: 154762
Ion Ratio Lower Upper
104 100
78 50.8 41.1 61.7
103 56.2 44.6 67.0





#71

Bromoform

Concen: 19.983 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. -0.00 min

Lab File: VW003872.D

Acq: 11 Jul 2018 19:15

Instrument :

MSVOA_W

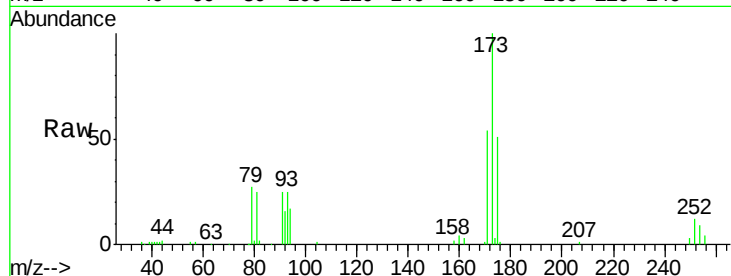
ClientSampleId :

VW0711SBS01

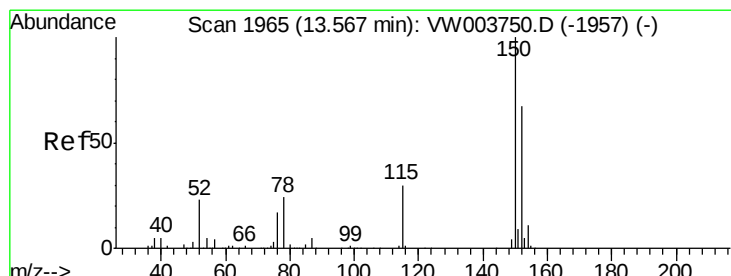
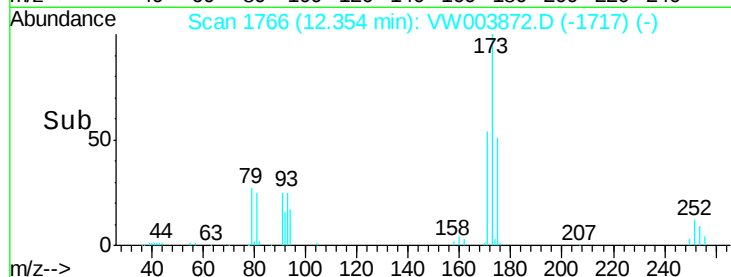
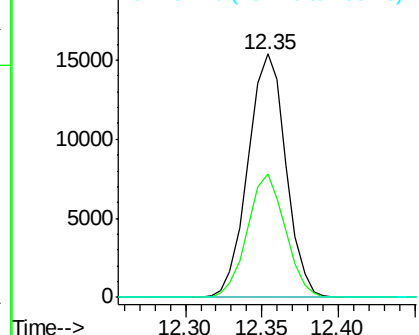
Tot Ion:	173	Resp:	26516
Ion Ratio	Lower	Upper	
173	100		
175	50.6	24.1	72.4
254	0.0	0.0	0.0

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

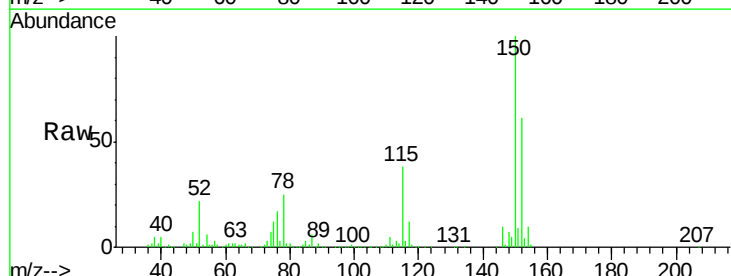
RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

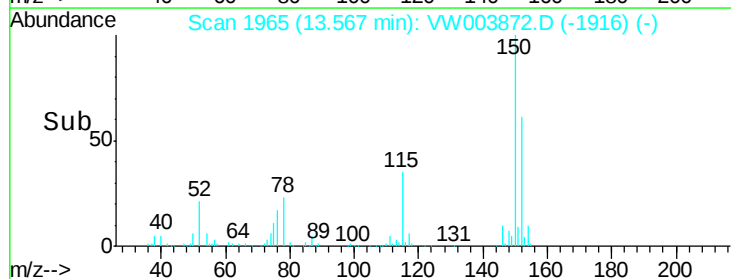
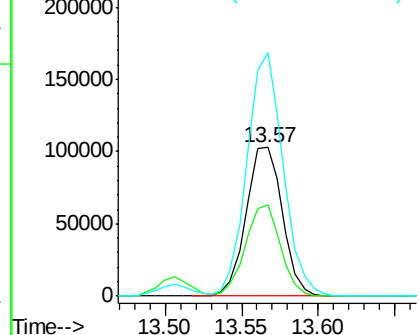
Lab File: VW003872.D

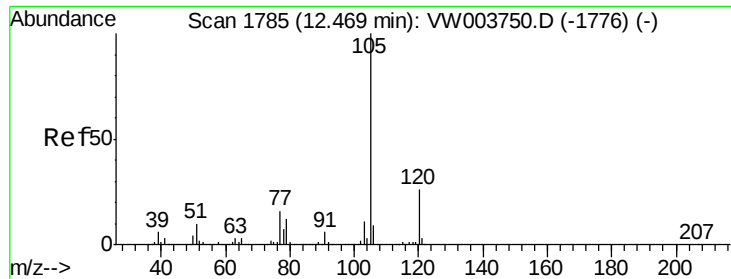
Acq: 11 Jul 2018 19:15

Tgt Ion:	152	Resp:	169192
Ion Ratio	Lower	Upper	
152	100		
115	59.3	28.9	86.8
150	163.4	0.0	342.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





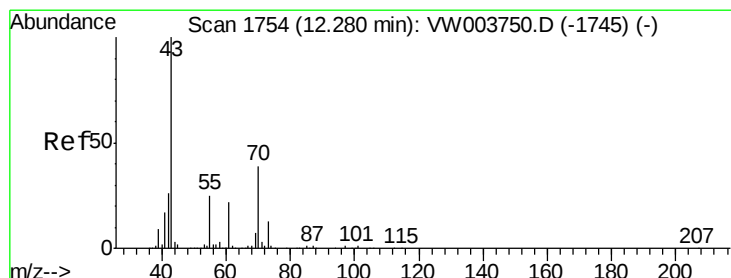
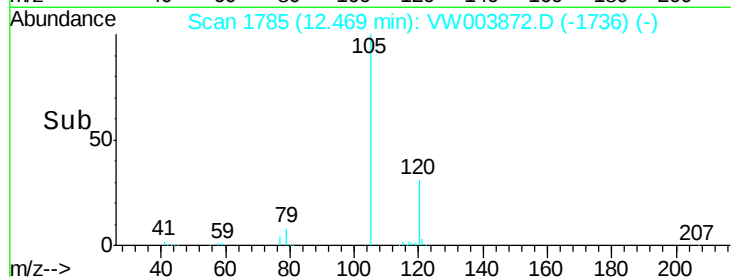
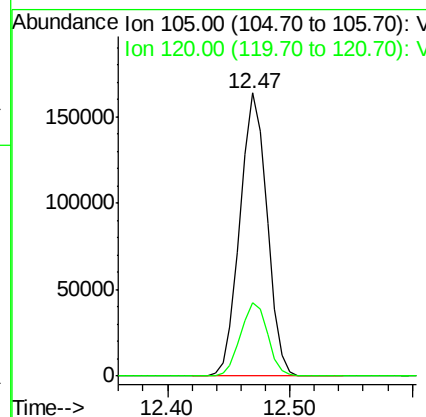
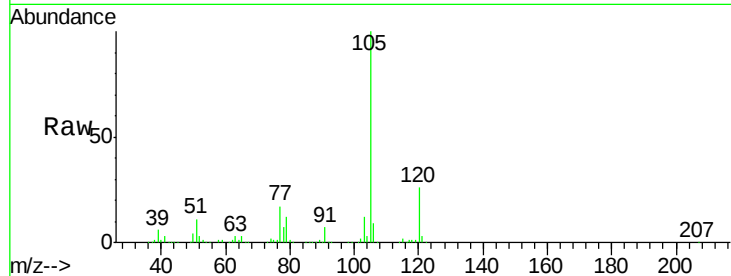
#73
Isopropylbenzene
Concen: 21.921 ug/l
RT: 12.47 min Scan# 1785
Delta R.T. -0.00 min
Lab File: VW003872.D
Acq: 11 Jul 2018 19:15

Instrument :
MSVOA_W
ClientSampleId :
VW0711SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.0	13.1	39.3

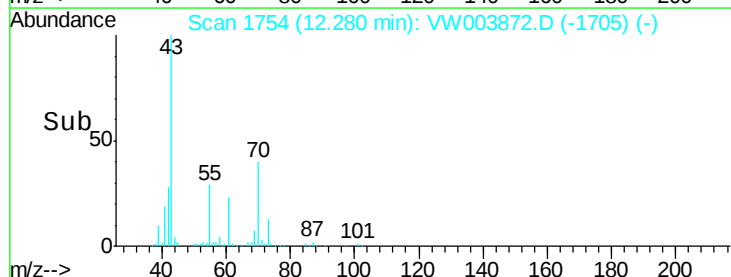
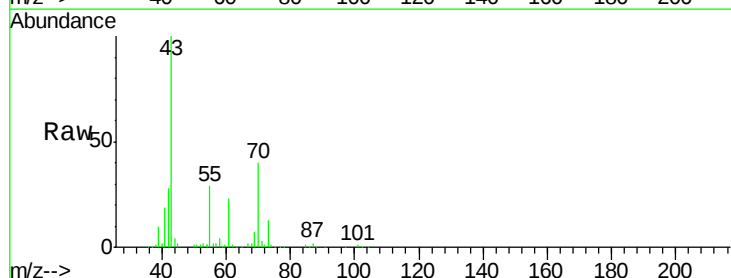
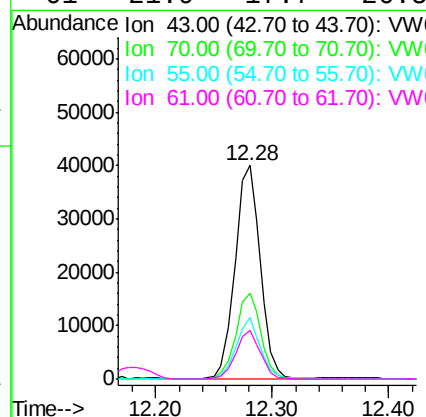
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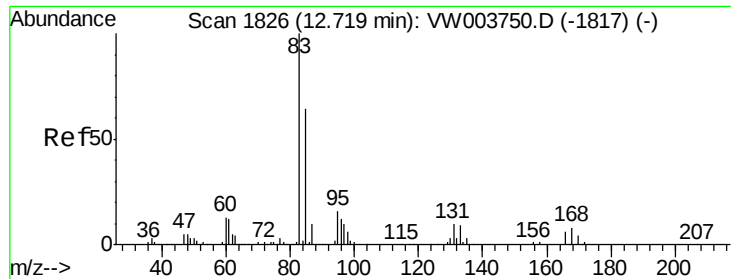
apatel
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#74
N-ethyl acetate
Concen: 19.589 ug/l
RT: 12.28 min Scan# 1754
Delta R.T. -0.00 min
Lab File: VW003872.D
Acq: 11 Jul 2018 19:15

Tgt Ion	Ratio	Lower	Upper
43	100		
70	39.9	31.3	46.9
55	27.7	20.1	30.1
61	21.9	17.7	26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.384 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW003872.D

Acq: 11 Jul 2018 19:15

Instrument :

MSVOA_W

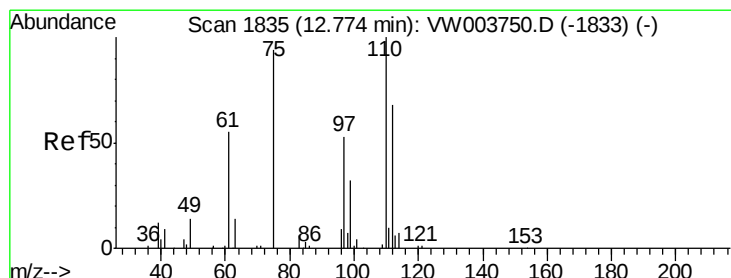
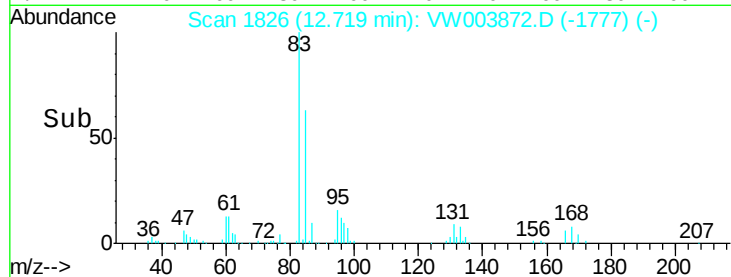
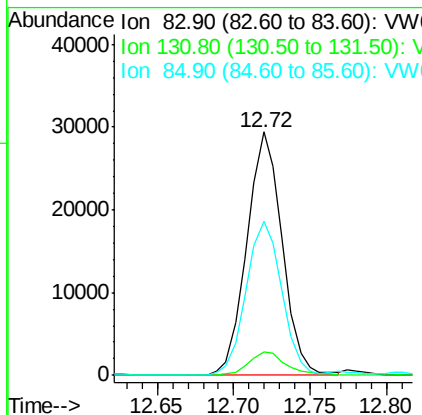
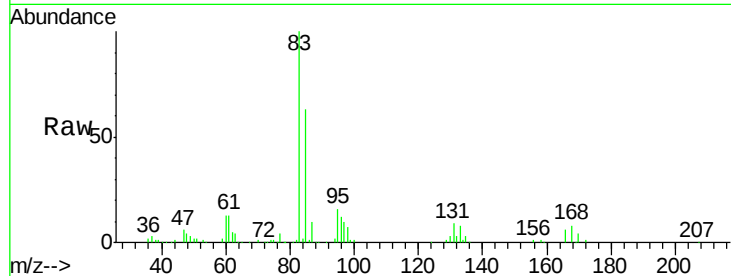
ClientSampleId :

VW0711SBS01

Tot Ion:	83	Resp:	47348
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.1	15.4
85	64.0	32.1	96.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 22.728 ug/l m

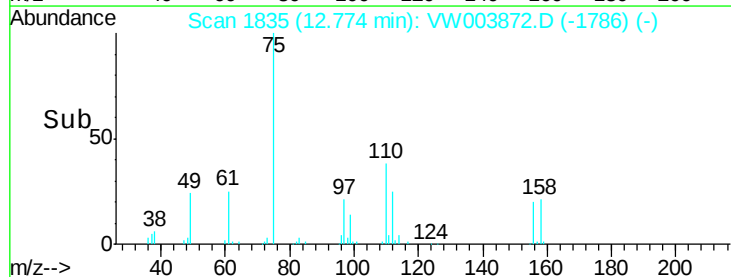
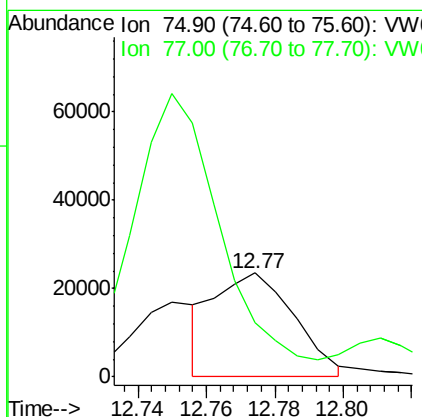
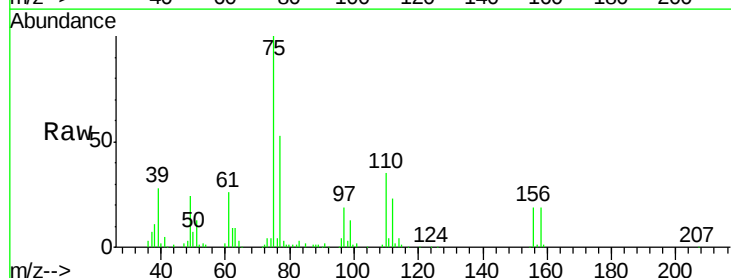
RT: 12.77 min Scan# 1835

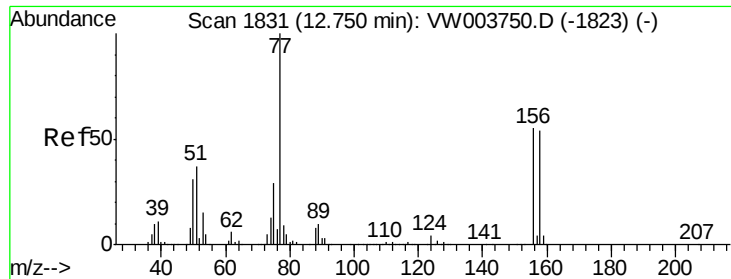
Delta R.T. -0.00 min

Lab File: VW003872.D

Acq: 11 Jul 2018 19:15

Tgt Ion:	75	Resp:	37761
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.976 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VW003872.D

Acq: 11 Jul 2018 19:15

Instrument :

MSVOA_W

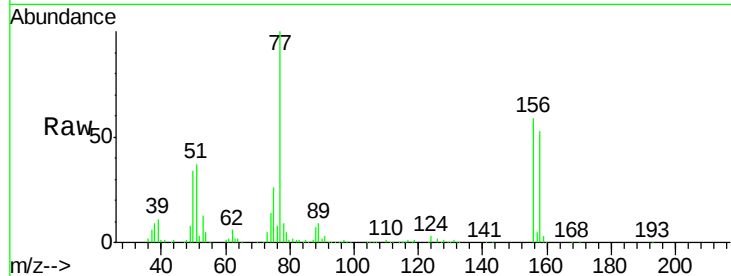
ClientSampleId :

VW0711SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	195.1	98.7	296.0
158	96.2	49.0	147.0

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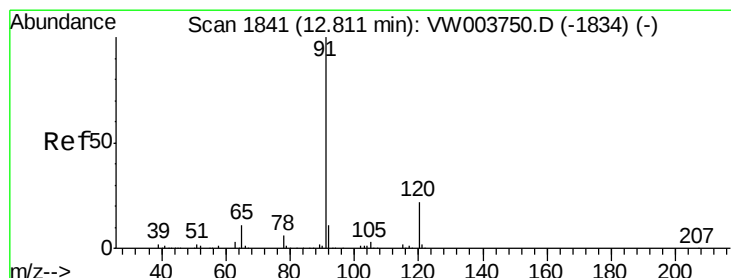
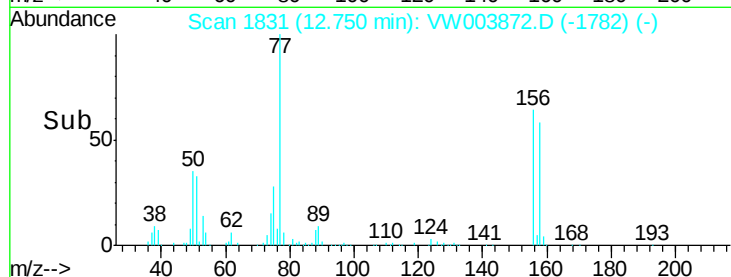
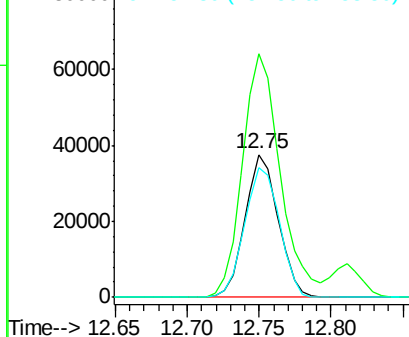
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 22.182 ug/l

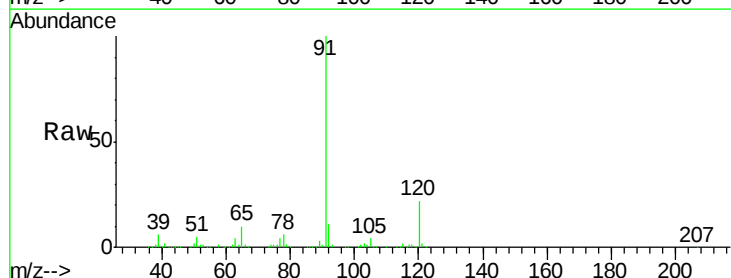
RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VW003872.D

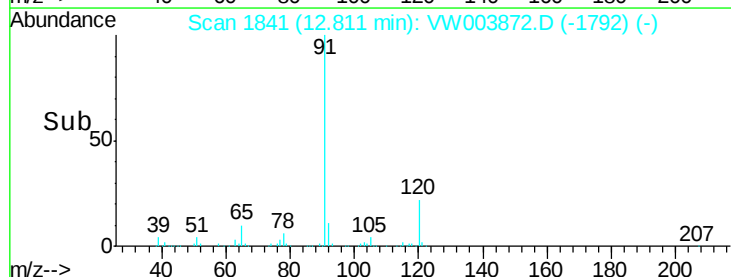
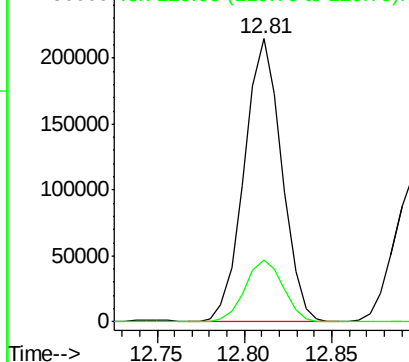
Acq: 11 Jul 2018 19:15

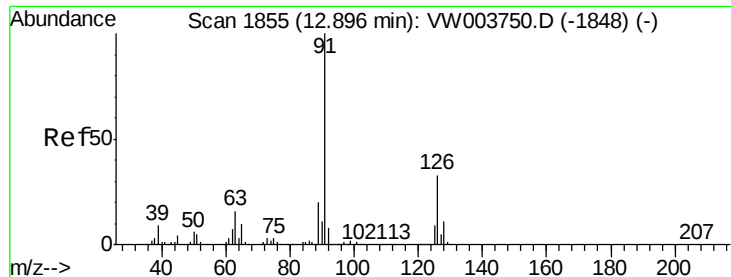
Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.5	11.2	33.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.592 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW003872.D

Acq: 11 Jul 2018 19:15

Instrument :

MSVOA_W

ClientSampleId :

VW0711SBS01

Tot Ion: 91 Resp: 178422

Ion Ratio Lower Upper

91 100

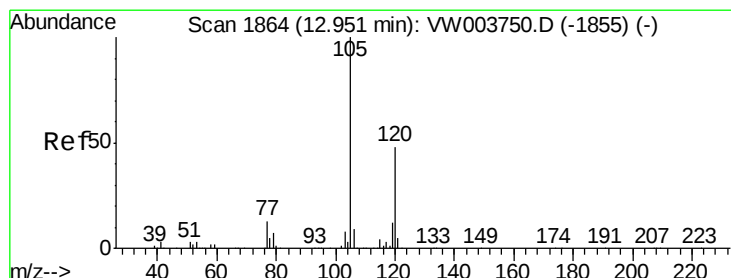
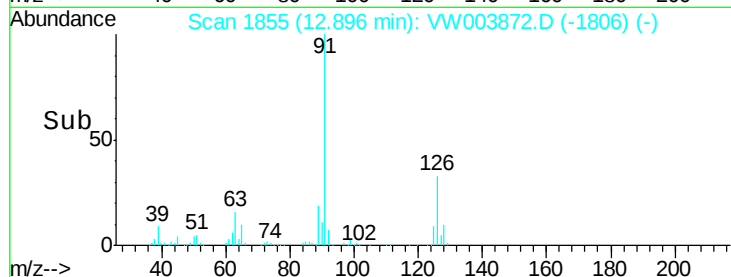
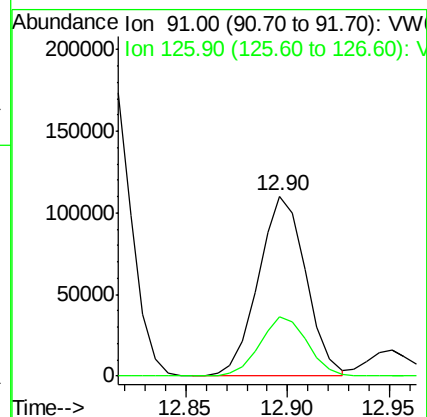
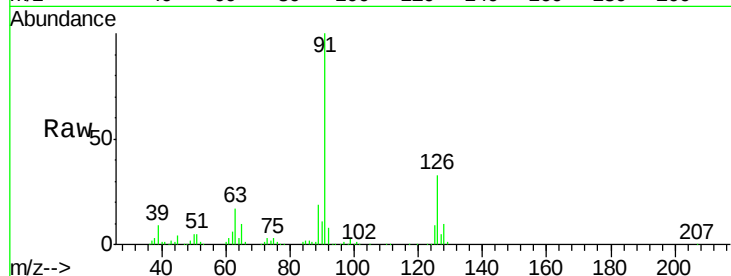
126 33.3 17.0 51.0

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 22.354 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW003872.D

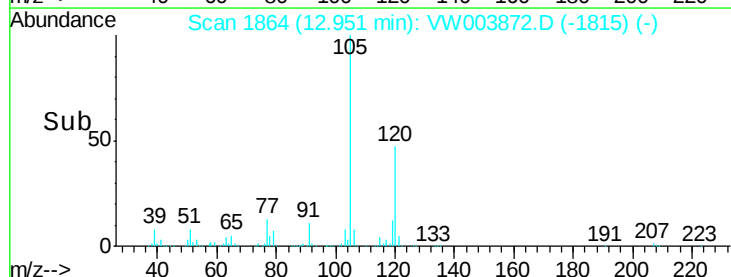
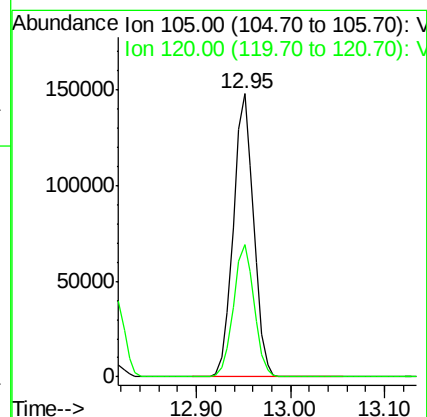
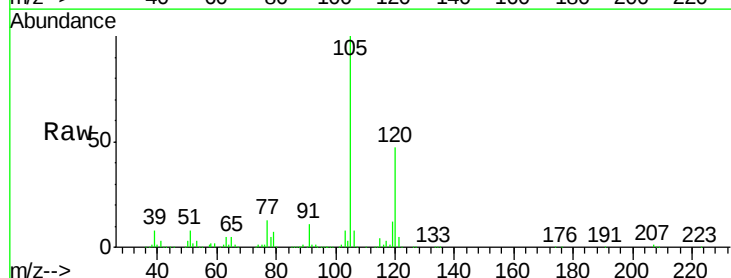
Acq: 11 Jul 2018 19:15

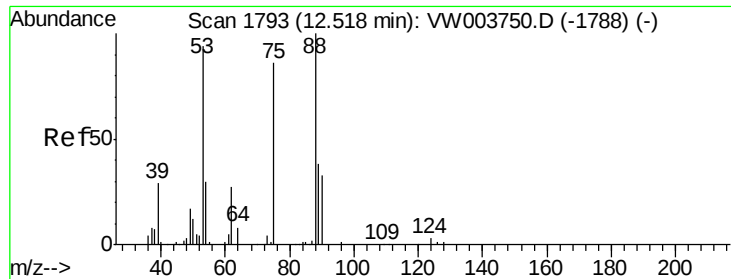
Tgt Ion:105 Resp: 220760

Ion Ratio Lower Upper

105 100

120 47.8 24.2 72.6





#81

trans-1,4-Dichloro-2-butene

Concen: 20.623 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VW003872.D

Acq: 11 Jul 2018 19:15

Instrument :

MSVOA_W

ClientSampleId :

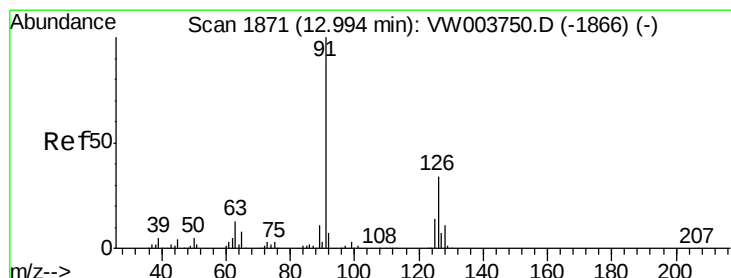
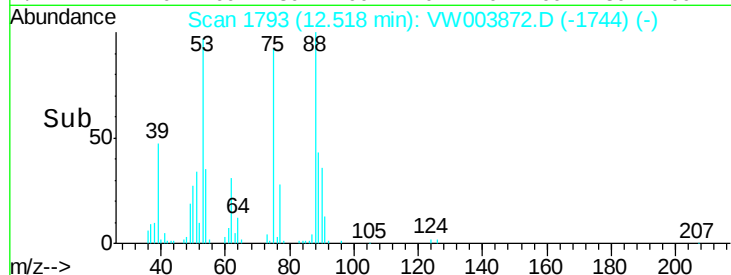
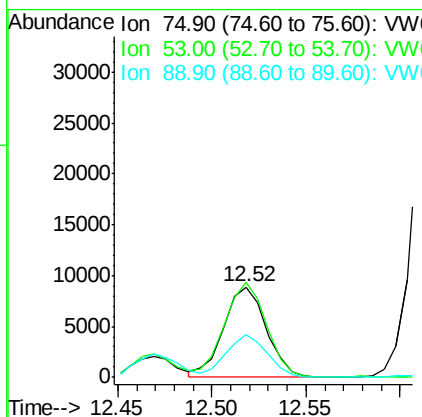
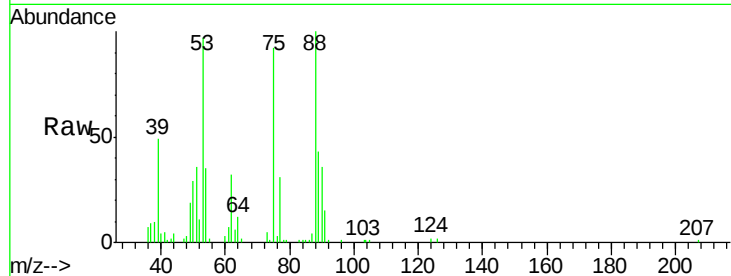
VW0711SBS01

Tot Ion:	75	Resp:	14007
Ion	Ratio	Lower	Upper
75	100		
53	102.5	85.0	127.6
89	45.8	36.3	54.5

Manual Integrations
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#82

4-Chlorotoluene

Concen: 21.839 ug/l

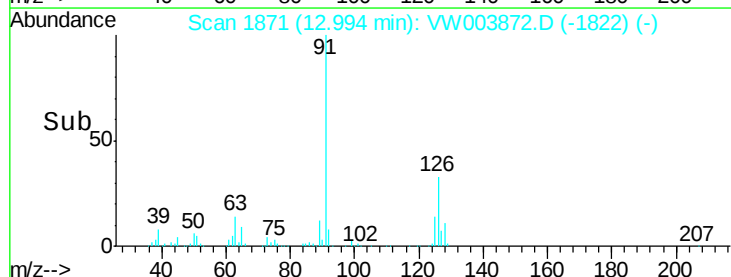
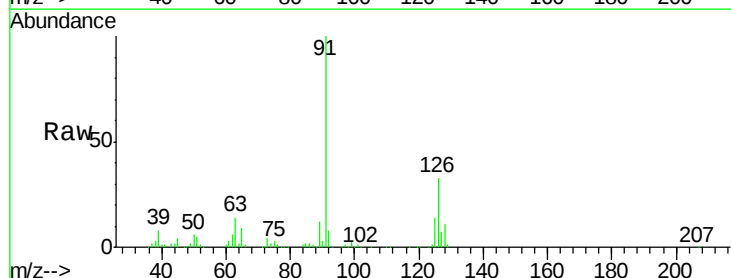
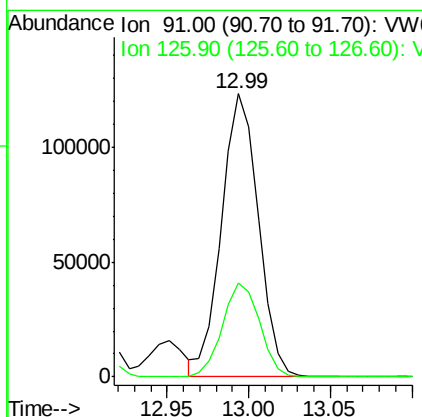
RT: 12.99 min Scan# 1871

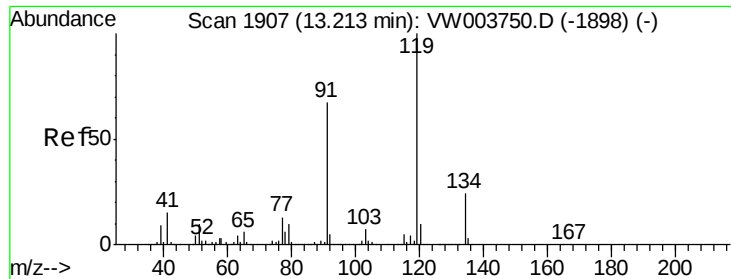
Delta R.T. -0.00 min

Lab File: VW003872.D

Acq: 11 Jul 2018 19:15

Tgt Ion:	91	Resp:	194056
Ion	Ratio	Lower	Upper
91	100		
126	33.3	16.5	49.5





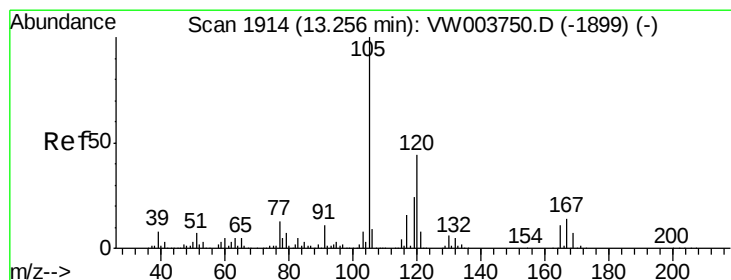
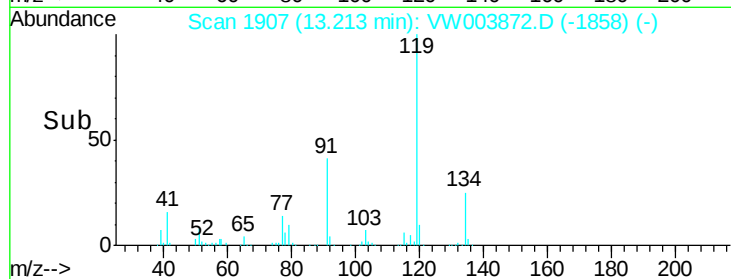
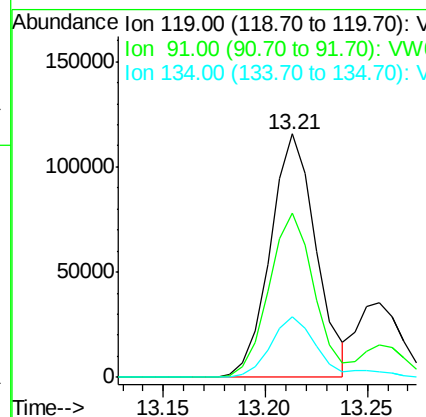
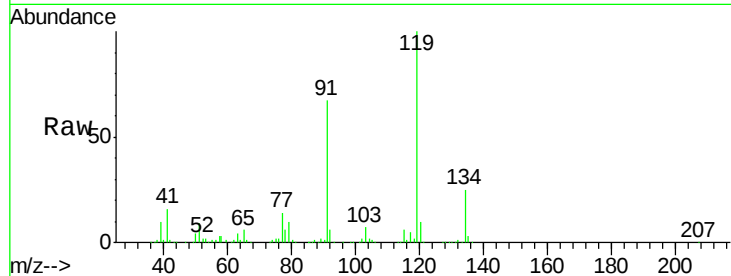
#83
 tert-Butylbenzene
 Concen: 22.198 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VW003872.D
 Acq: 11 Jul 2018 19:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0711SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	180791		
91	66.6		33.0	98.9
134	26.7		12.8	38.4

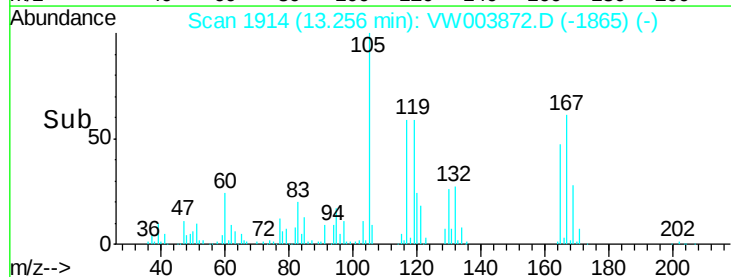
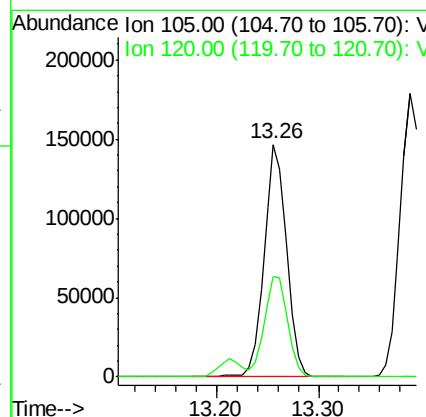
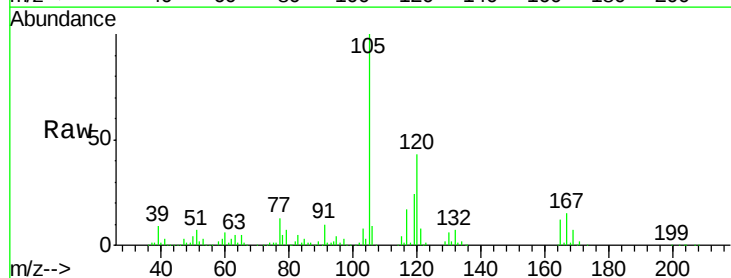
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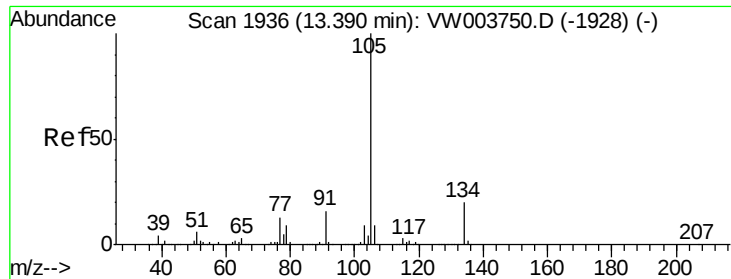
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#84
 1,2,4-Trimethylbenzene
 Concen: 22.003 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: VW003872.D
 Acq: 11 Jul 2018 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	225734		
120	44.5		22.0	66.0





#85

sec-Butylbenzene

Concen: 22.251 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VW003872.D

Acq: 11 Jul 2018 19:15

Instrument :

MSVOA_W

ClientSampleId :

VW0711SBS01

Tot Ion:105 Resp: 271103

Ion Ratio Lower Upper

105 100

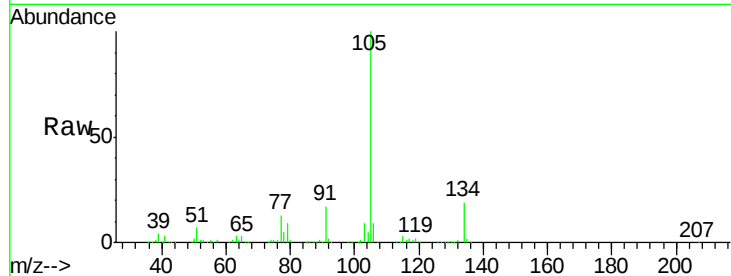
134 19.3 9.8 29.4

Manual Integrations

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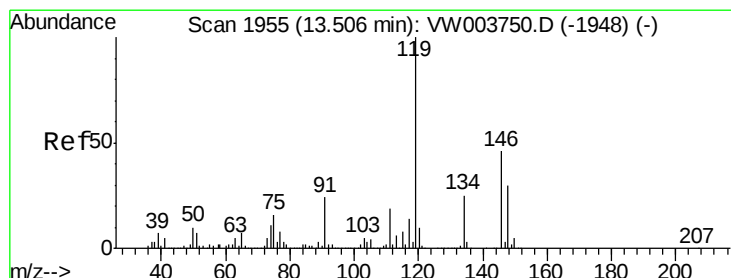
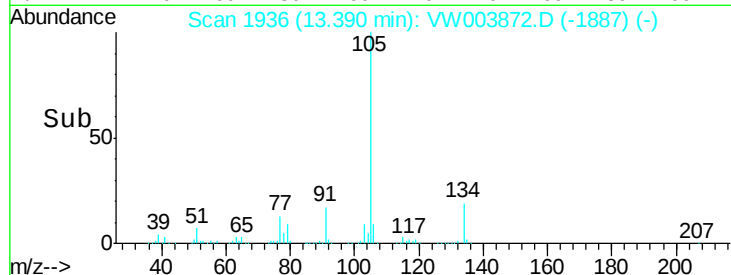
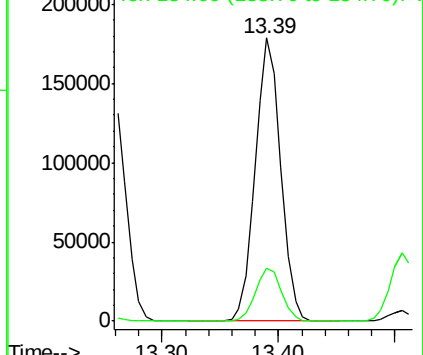
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 22.150 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW003872.D

Acq: 11 Jul 2018 19:15

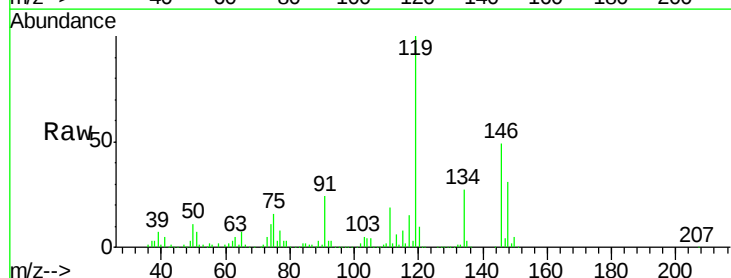
Tgt Ion:119 Resp: 235814

Ion Ratio Lower Upper

119 100

134 26.6 13.1 39.1

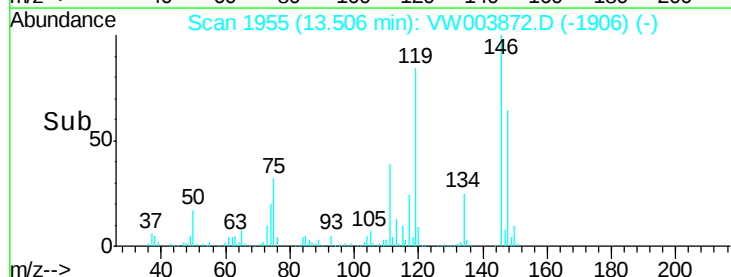
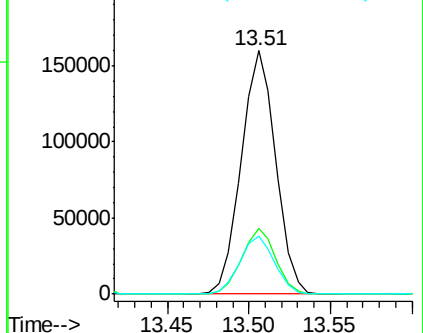
91 24.0 11.9 35.9

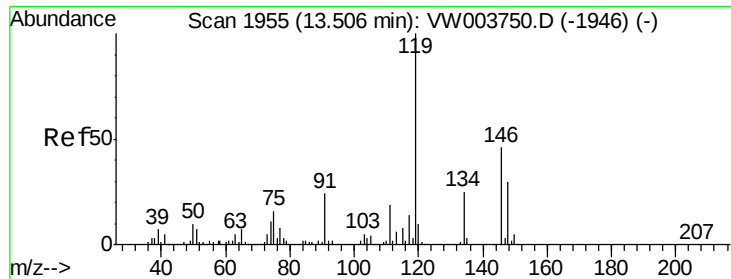


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





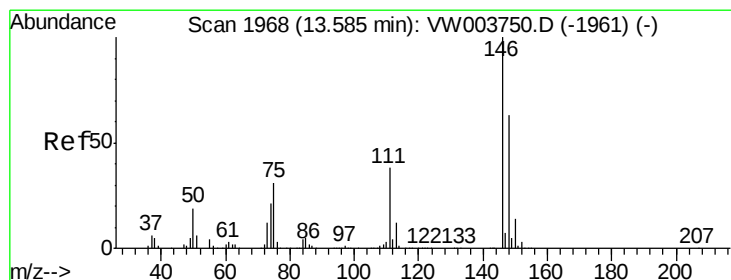
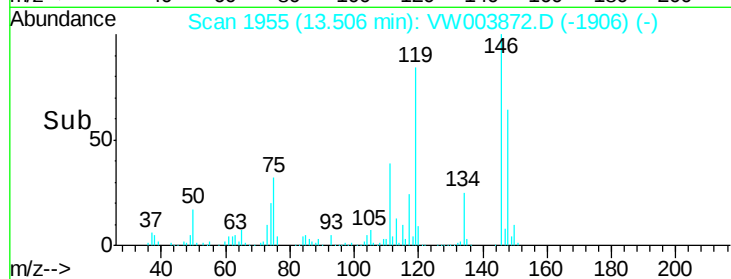
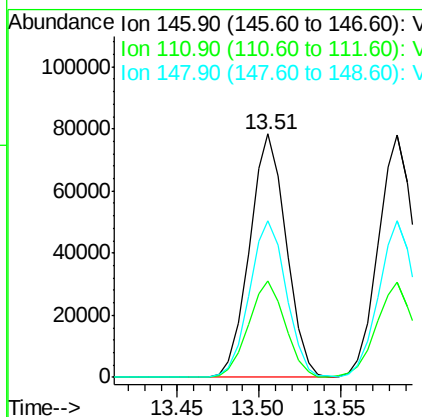
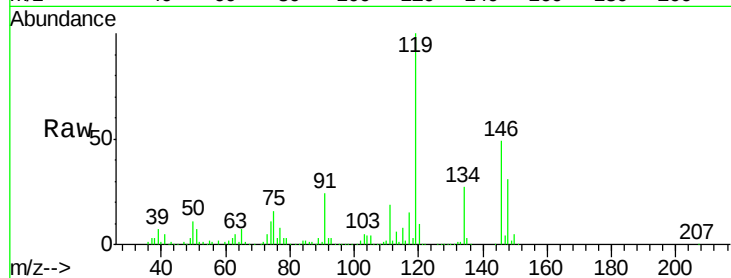
#87
 1,3-Dichlorobenzene
 Concen: 21.295 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW003872.D
 Acq: 11 Jul 2018 19:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0711SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	122728		
111	39.6	20.2	60.5	
148	64.3	31.9	95.7	

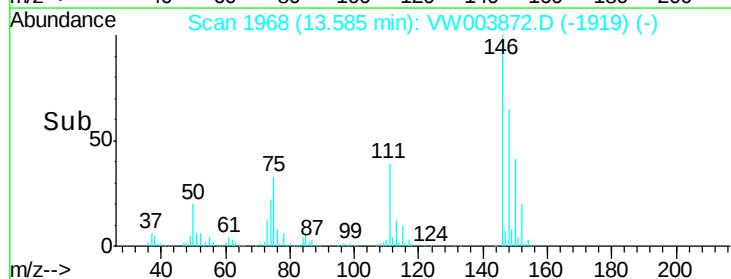
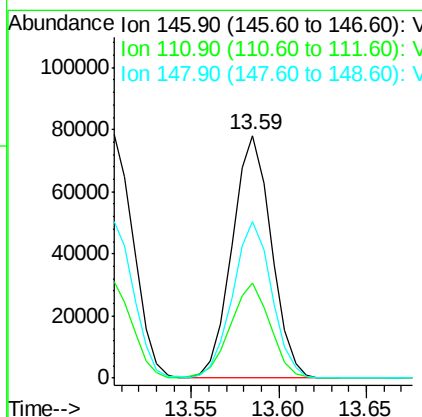
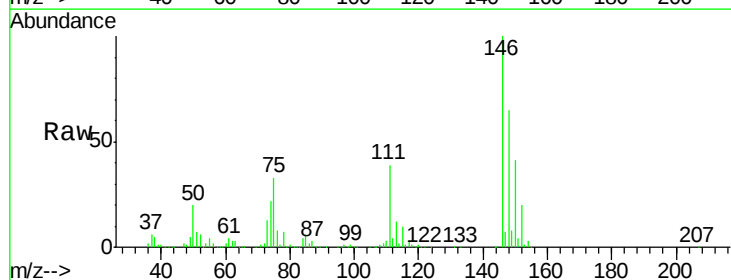
Manual Integrations
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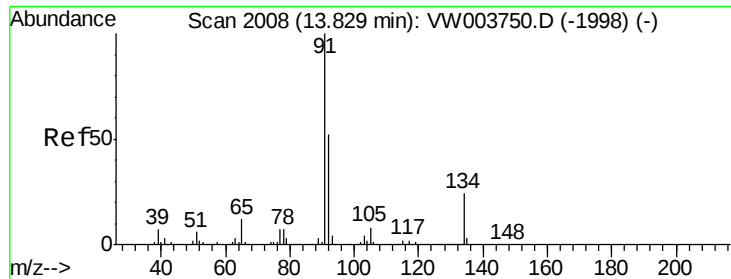
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#88
 1,4-Dichlorobenzene
 Concen: 21.040 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW003872.D
 Acq: 11 Jul 2018 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	121935		
111	40.2	19.4	58.4	
148	64.3	31.9	95.7	





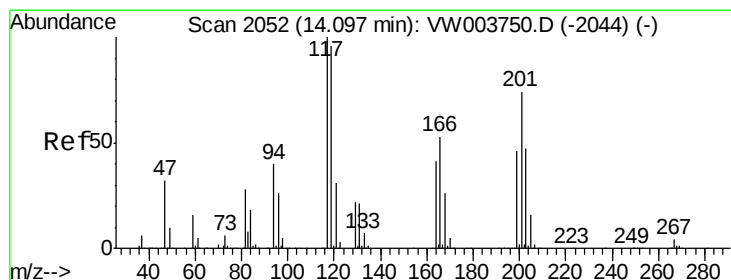
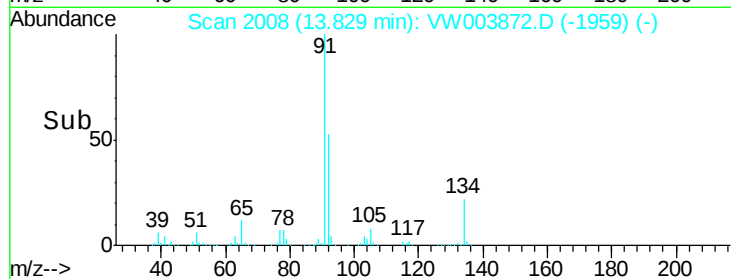
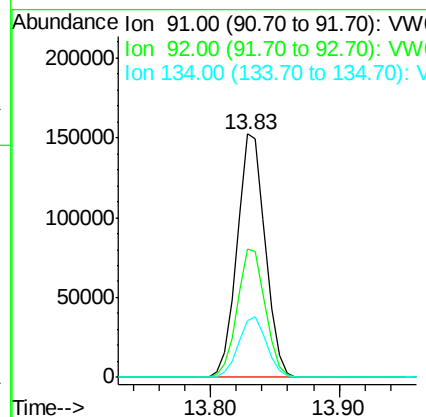
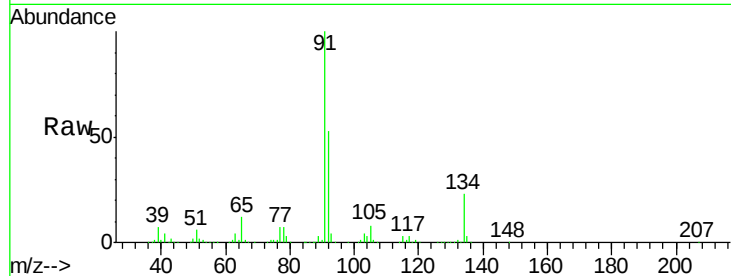
#89
n-Butylbenzene
Concen: 22.106 ug/l
RT: 13.83 min Scan# 2008
Delta R.T. -0.00 min
Lab File: VW003872.D
Acq: 11 Jul 2018 19:15

Instrument :
MSVOA_W
ClientSampleId :
VW0711SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.1	78.3
134	24.8	12.4	37.4

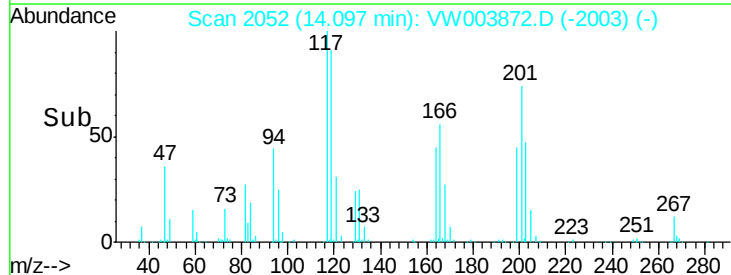
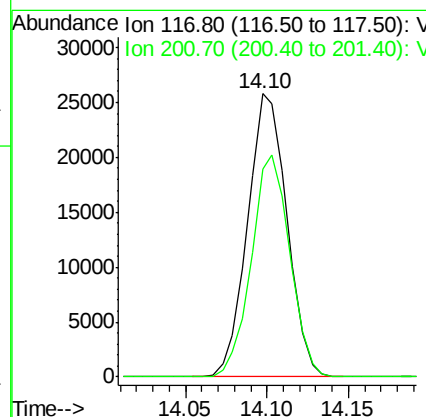
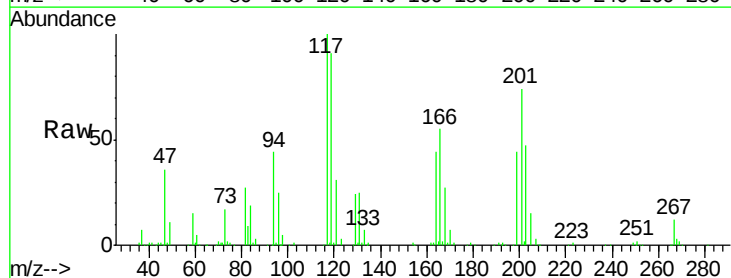
Manual Integrations
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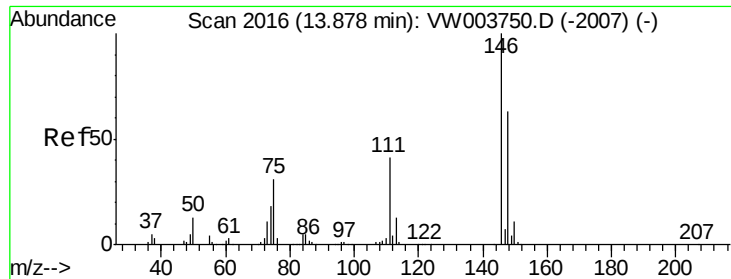
apatel
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#90
Hexachloroethane
Concen: 21.113 ug/l
RT: 14.10 min Scan# 2052
Delta R.T. -0.00 min
Lab File: VW003872.D
Acq: 11 Jul 2018 19:15

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.6	39.2	117.6





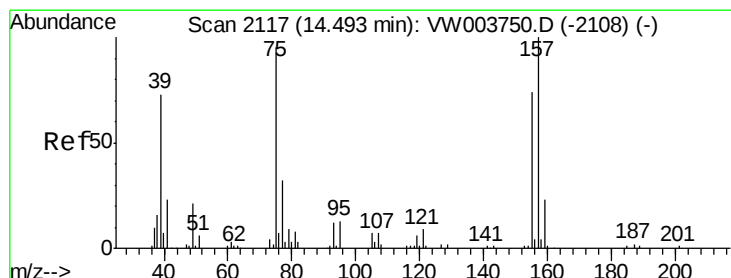
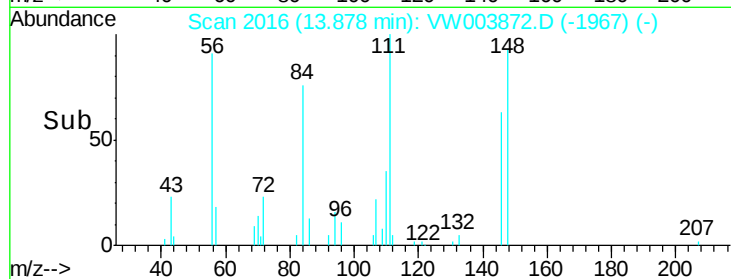
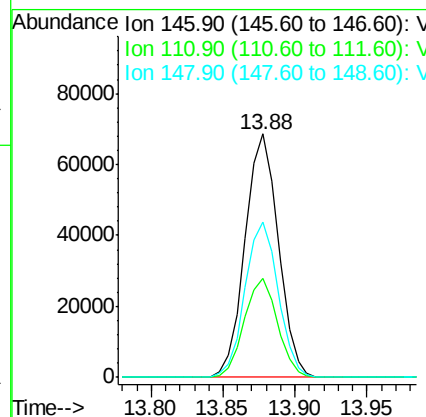
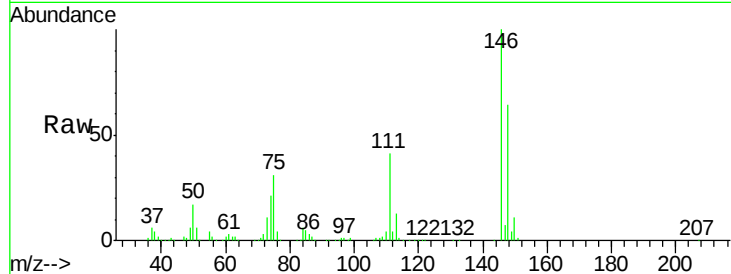
#91
 1,2-Dichlorobenzene
 Concen: 21.216 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: VW003872.D
 Acq: 11 Jul 2018 19:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0711SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	110055		
111	40.6		20.7	62.1
148	63.6		31.9	95.9

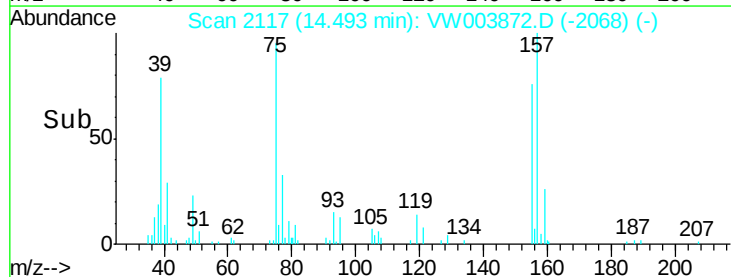
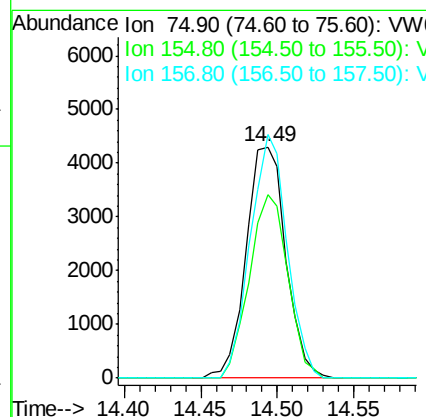
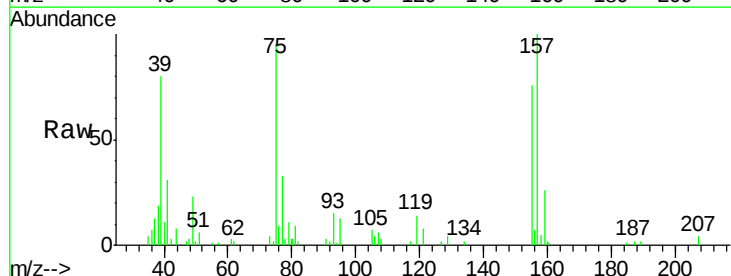
Manual Integrations
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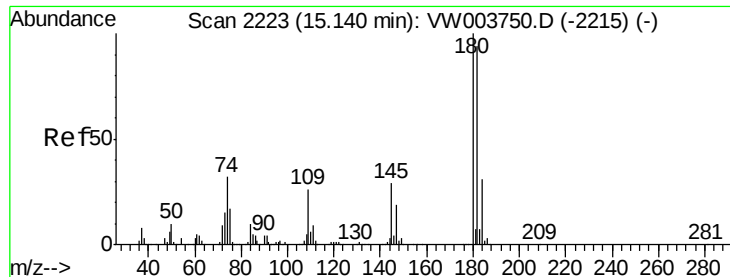
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.277 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VW003872.D
 Acq: 11 Jul 2018 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	7751		
155	77.2		39.2	117.6
157	97.6		50.7	152.1





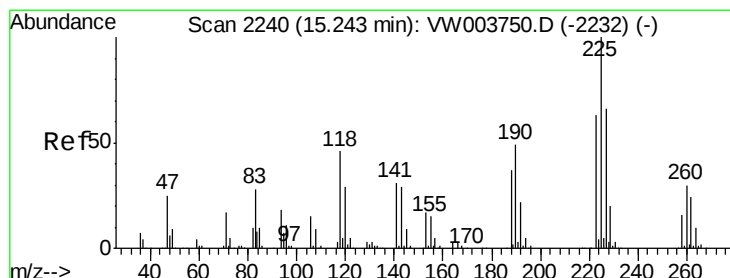
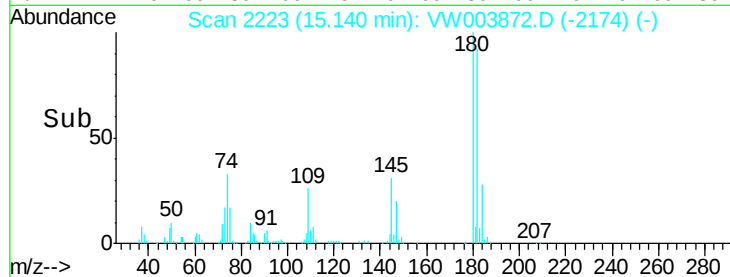
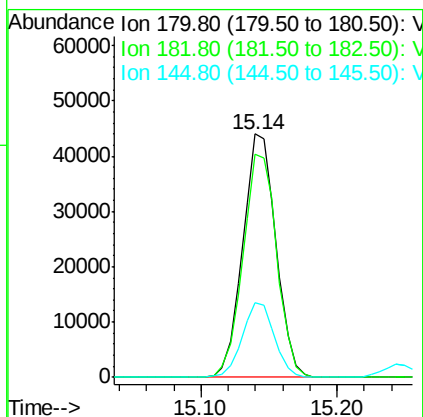
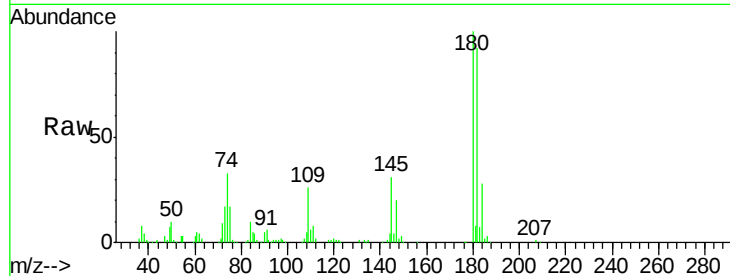
#93
 1,2,4-Trichlorobenzene
 Concen: 21.368 ug/l
 RT: 15.14 min Scan# 2223
 Delta R.T. -0.00 min
 Lab File: VW003872.D
 Acq: 11 Jul 2018 19:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0711SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.2	47.4	142.2
145	29.5	15.0	45.0

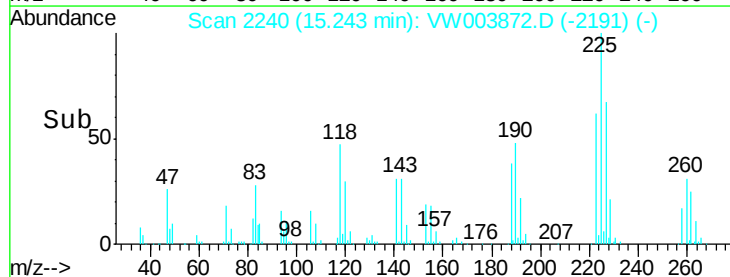
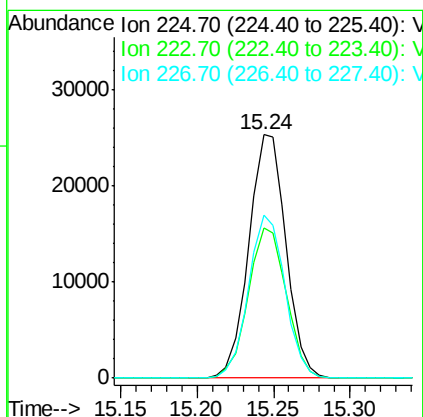
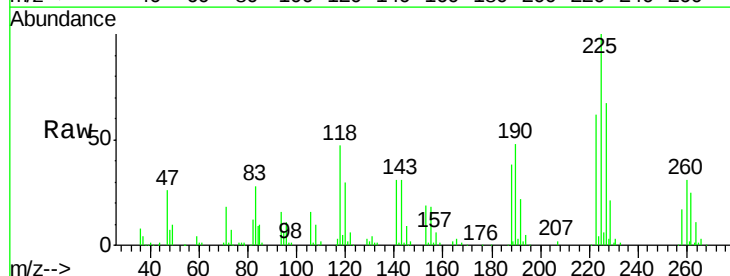
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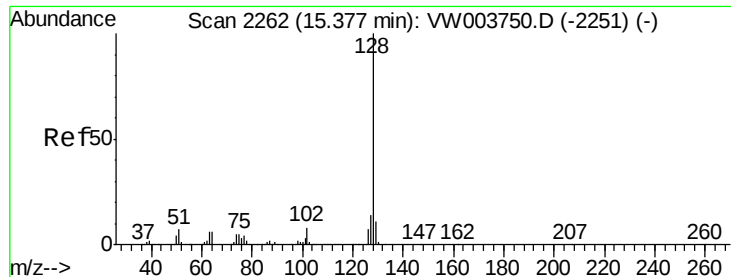
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#94
 Hexachlorobutadiene
 Concen: 21.305 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. -0.00 min
 Lab File: VW003872.D
 Acq: 11 Jul 2018 19:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	32.6	97.7
227	65.9	32.5	97.5





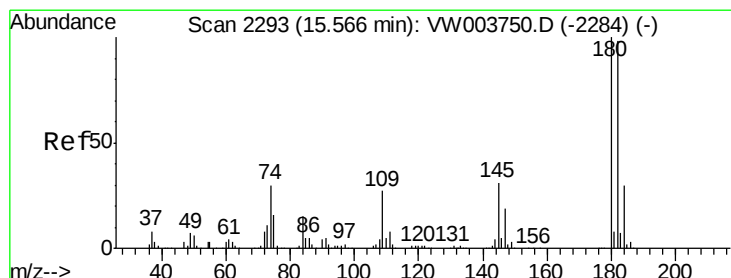
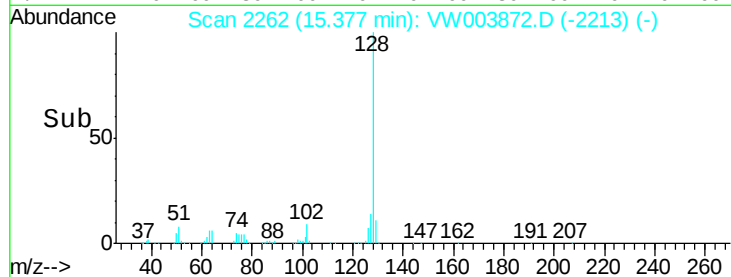
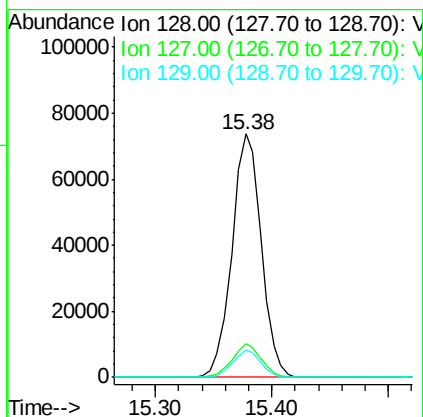
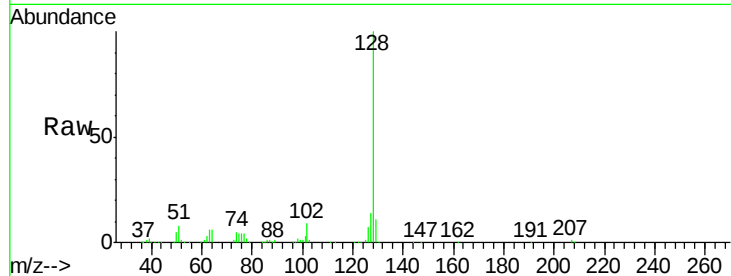
#95
Naphthalene
Concen: 20.559 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VW003872.D
Acq: 11 Jul 2018 19:15

Instrument :
MSVOA_W
ClientSampleId :
VW0711SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.8	16.2
129	10.9	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 21.760 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VW003872.D
Acq: 11 Jul 2018 19:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.2	47.4	142.3
145	31.0	15.8	47.4

