

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100618\
 Data File : VW005870.D
 Acq On : 05 Oct 2018 00:56
 Operator : SY/AP
 Sample : VW1006SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1006SBSD01

Manual Integrations
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 10/5/2018 3:12:54 PM

Quant Time: Oct 05 01:24:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100418S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 04 07:08:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	185006	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	271130	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	276774	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	137766	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	112791	50.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.50%	
35) Dibromofluoromethane	7.89	113	89749	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	
50) Toluene-d8	10.33	98	385962	54.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.40%	
62) 4-Bromofluorobenzene	12.62	95	142870	54.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.58%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	2.01	85	19690	18.637	ug/l	86
3) Chloromethane	2.21	50	24462	19.214	ug/l	99
4) Vinyl Chloride	2.37	62	35080	18.817	ug/l	93
5) Bromomethane	2.78	94	24117	18.563	ug/l	100
6) Chloroethane	2.93	64	21175	18.571	ug/l	98
7) Trichlorofluoromethane	3.26	101	22184	17.303	ug/l	97
8) Diethyl Ether	3.67	74	19168	19.715	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	36313	20.478	ug/l	99
10) Methyl Iodide	4.26	142	55079	19.143	ug/l	97
11) Tert butyl alcohol	5.21	59	14142m	104.204	ug/l	
12) 1,1-Dichloroethene	4.03	96	34297	19.739	ug/l	93
13) Acrolein	3.89	56	15442	113.246	ug/l	98
14) Allyl chloride	4.66	41	55137	19.553	ug/l	100
15) Acrylonitrile	5.37	53	43480	105.533	ug/l	99
16) Acetone	4.14	43	40561	108.289	ug/l	99
17) Carbon Disulfide	4.37	76	99993	18.201	ug/l	98
18) Methyl Acetate	4.68	43	21108	19.815	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	55740	20.435	ug/l	94
20) Methylene Chloride	4.92	84	41581	14.905	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	37681	19.869	ug/l	98
22) Diisopropyl ether	6.32	45	103504	18.703	ug/l	95
23) Vinyl Acetate	6.26	43	311049	98.945	ug/l	99
24) 1,1-Dichloroethane	6.21	63	67337	18.752	ug/l	97
25) 2-Butanone	7.18	43	55326	105.004	ug/l	97
26) 2,2-Dichloropropane	7.17	77	43128	19.235	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	40829	19.314	ug/l	97
28) Bromochloromethane	7.52	49	25577	20.166	ug/l	99
29) Tetrahydrofuran	7.54	42	33658	103.478	ug/l	98
30) Chloroform	7.68	83	73783	19.173	ug/l	100
31) Cyclohexane	7.96	56	55979	18.235	ug/l	88
32) 1,1,1-Trichloroethane	7.88	97	61833	18.826	ug/l	100
36) 1,1-Dichloropropene	8.09	75	52087	19.327	ug/l	99
37) Ethyl Acetate	7.26	43	23346	20.814	ug/l	99
38) Carbon Tetrachloride	8.07	117	58389	19.444	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	58866	19.402	ug/l	97
40) Benzene	8.32	78	149884	19.189	ug/l	98
41) Methacrylonitrile	7.49	41	14142	21.099	ug/l	94
42) 1,2-Dichloroethane	8.40	62	52756	20.081	ug/l	99
43) Isopropyl Acetate	8.43	43	45614	20.574	ug/l	99
44) Trichloroethene	9.10	130	39348	19.061	ug/l	95
45) 1,2-Dichloropropane	9.37	63	34505	18.656	ug/l	100
46) Dibromomethane	9.46	93	19372	19.151	ug/l	98
47) Bromodichloromethane	9.65	83	51001	19.050	ug/l	96
48) Methyl methacrylate	9.44	41	20619	19.209	ug/l	94
49) 1,4-Dioxane	9.46	88	6329	400.445	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	126757	109.898	ug/l	99
52) Toluene	10.39	92	105250	21.142	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	54290	20.769	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	60188	20.566	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	30888	21.137	ug/l	95
56) Ethyl methacrylate	10.65	69	37362	21.348	ug/l	97
57) 1,3-Dichloropropane	10.93	76	52961	21.288	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	80717	112.184	ug/l	99
59) 2-Hexanone	10.98	43	85788	111.202	ug/l	99
60) Dibromochloromethane	11.13	129	36978	20.270	ug/l	91
61) 1,2-Dibromoethane	11.24	107	28711	21.151	ug/l	99
64) Tetrachloroethene	10.87	164	40424	18.711	ug/l	95
65) Chlorobenzene	11.66	112	117305	19.384	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	42534	18.962	ug/l	97
67) Ethyl Benzene	11.74	91	196818	18.993	ug/l	97
68) m/p-Xylenes	11.85	106	157235	39.377	ug/l	99
69) o-Xylene	12.17	106	72120	19.432	ug/l	99
70) Styrene	12.19	104	125083	19.869	ug/l	98
71) Bromoform	12.35	173	23845	19.310	ug/l #	100
73) Isopropylbenzene	12.47	105	203655	21.485	ug/l	98
74) N-amyl acetate	12.28	43	46186	22.389	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	37018	22.761	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	24867m	19.861	ug/l	
77) Bromobenzene	12.75	156	50006	21.367	ug/l	99
78) n-propylbenzene	12.81	91	247843	21.983	ug/l	98
79) 2-Chlorotoluene	12.90	91	143962	21.438	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	181405	22.037	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	11512	23.242	ug/l	98
82) 4-Chlorotoluene	12.99	91	150635	21.281	ug/l	99
83) tert-Butylbenzene	13.21	119	150567	21.933	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	184190	21.792	ug/l	98
85) sec-Butylbenzene	13.39	105	211546	21.347	ug/l	98
86) p-Isopropyltoluene	13.51	119	195737	22.005	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	99211	21.014	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	98154	20.837	ug/l	98
89) n-Butylbenzene	13.83	91	180541	22.038	ug/l	98
90) Hexachloroethane	14.10	117	35825	21.420	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	93088	21.930	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7088	22.542	ug/l	96

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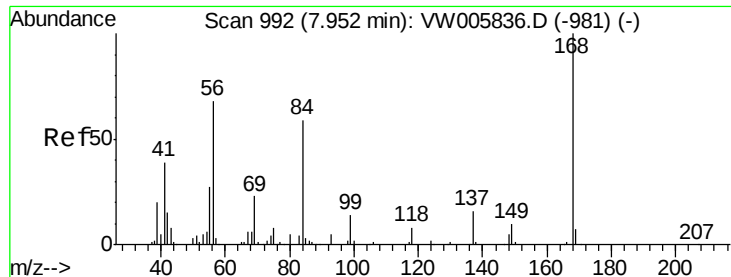
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100418S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 04 07:08:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	64720	21.817	ug/l	98
94) Hexachlorobutadiene	15.24	225	41155	21.940	ug/l	98
95) Naphthalene	15.38	128	112283	21.214	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	58634	21.985	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW005870.D

Acq: 05 Oct 2018 00:56

Instrument :

MSVOA_W

ClientSampleID :

VW1006SBSD01

Tot Ion:168 Resp: 185006

Ion Ratio Lower Upper

168 100

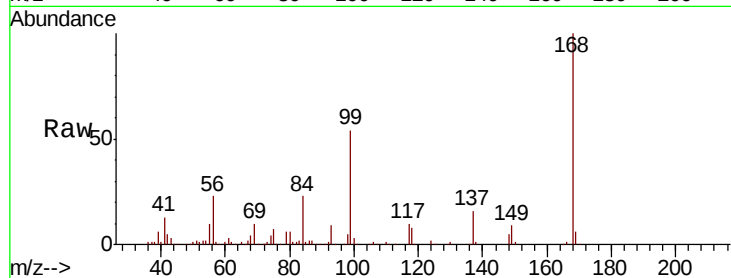
99 53.9 45.4 68.2

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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

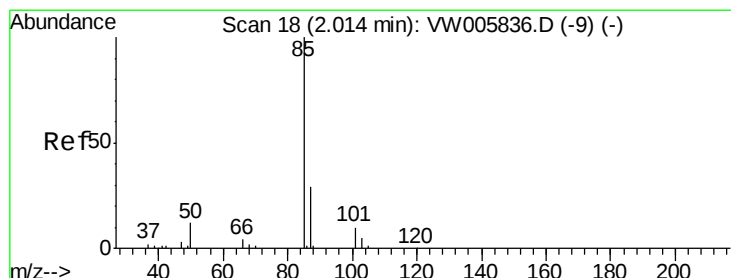
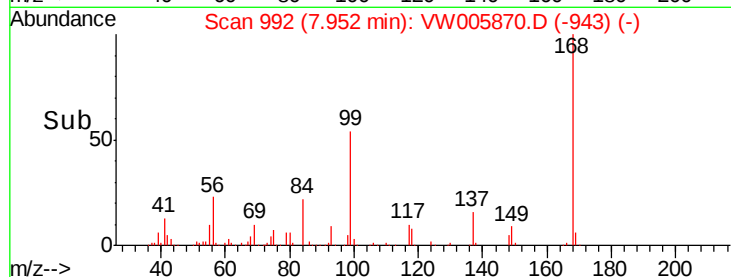
40000

20000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 18.637 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW005870.D

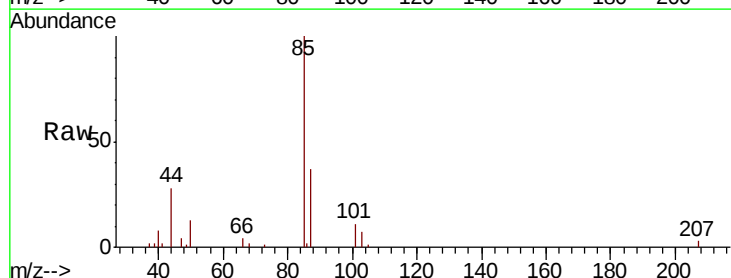
Acq: 05 Oct 2018 00:56

Tgt Ion: 85 Resp: 19690

Ion Ratio Lower Upper

85 100

87 36.9 14.8 44.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

6000

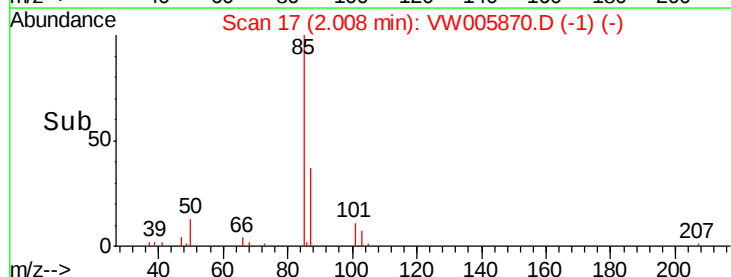
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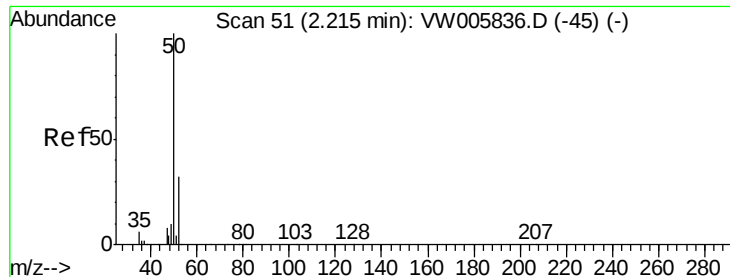
2000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 19.214 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW005870.D

Acq: 05 Oct 2018 00:56

Instrument :

MSVOA_W

ClientSampleId :

VW1006SBS01

Tot Ion: 50 Resp: 24462

Ion Ratio Lower Upper

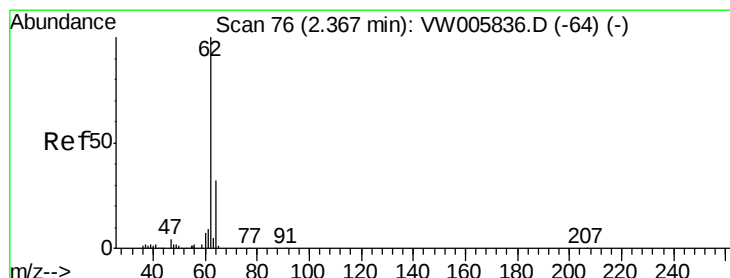
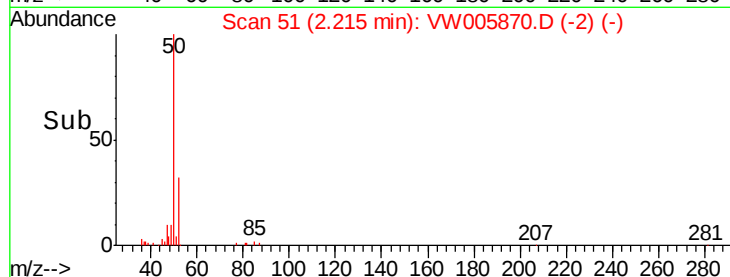
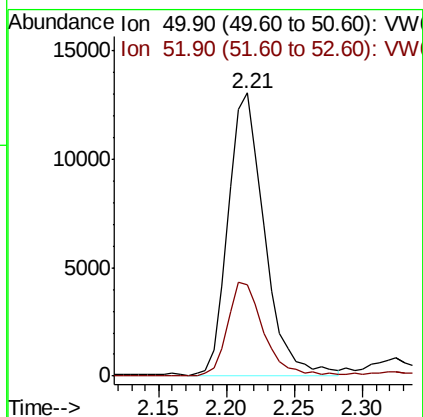
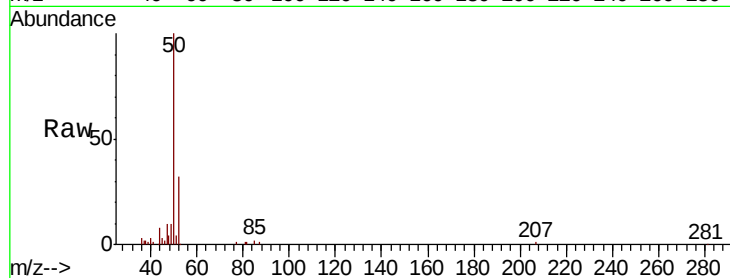
50 100

52 32.1 26.0 39.0

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#4

Vinyl Chloride

Concen: 18.817 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW005870.D

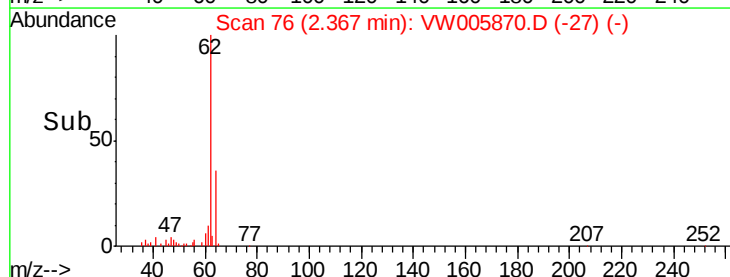
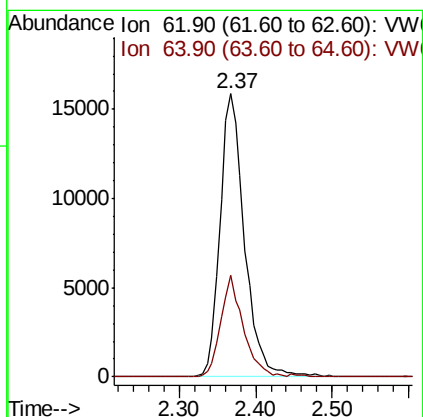
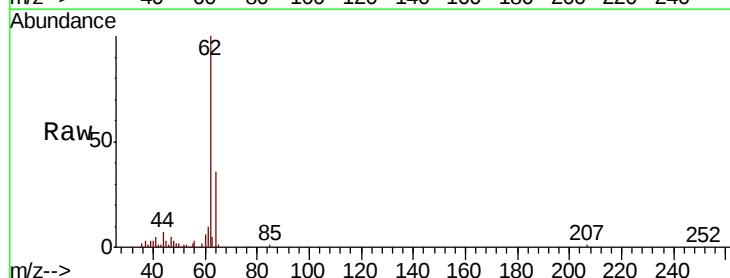
Acq: 05 Oct 2018 00:56

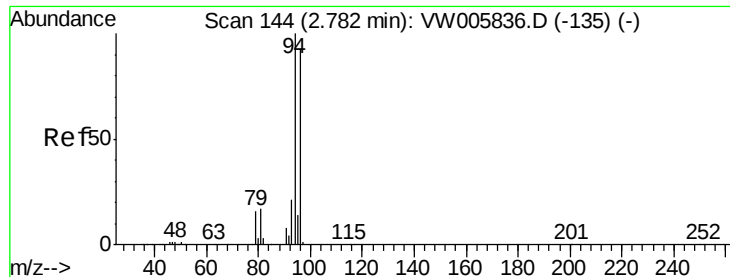
Tgt Ion: 62 Resp: 35080

Ion Ratio Lower Upper

62 100

64 35.8 25.7 38.5





#5

Bromomethane

Concen: 18.563 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW005870.D

Acq: 05 Oct 2018 00:56

Instrument :

MSVOA_W

ClientSampleId :

VW1006SBS01

Tot Ion: 94 Resp: 24117

Ion Ratio Lower Upper

94 100

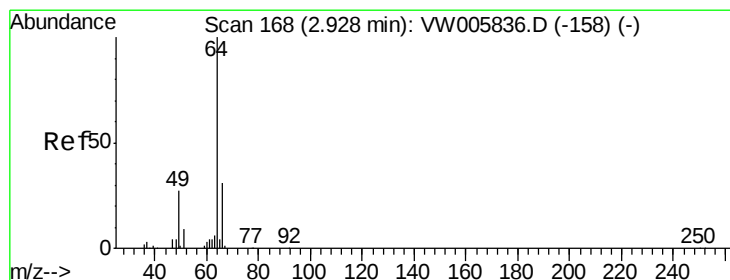
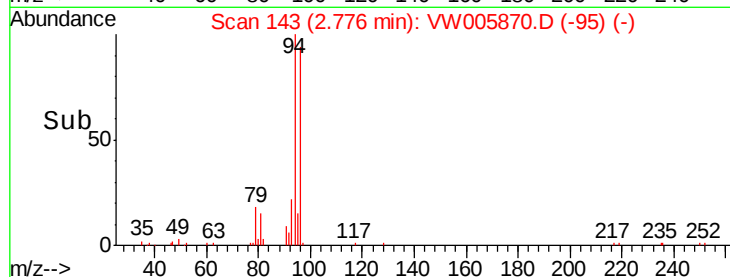
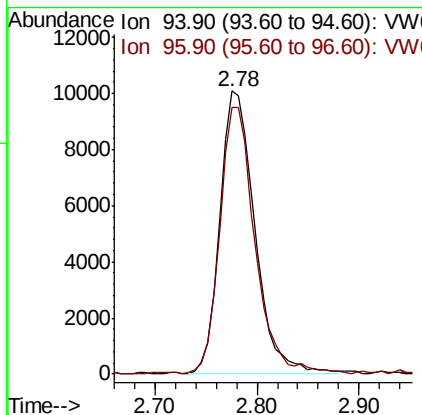
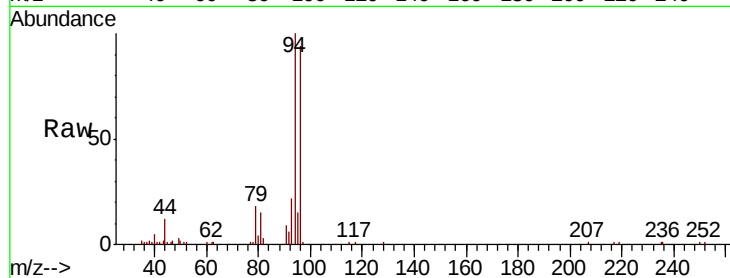
96 93.5 74.5 111.7

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#6

Chloroethane

Concen: 18.571 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW005870.D

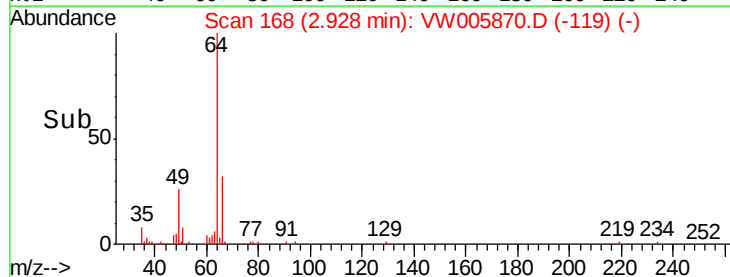
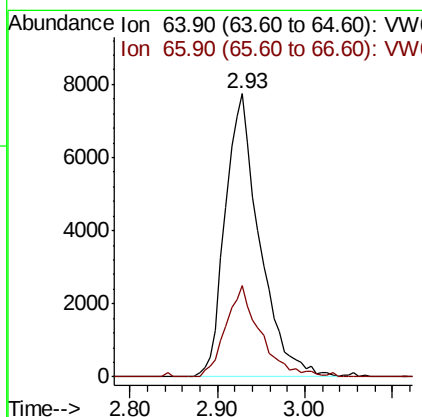
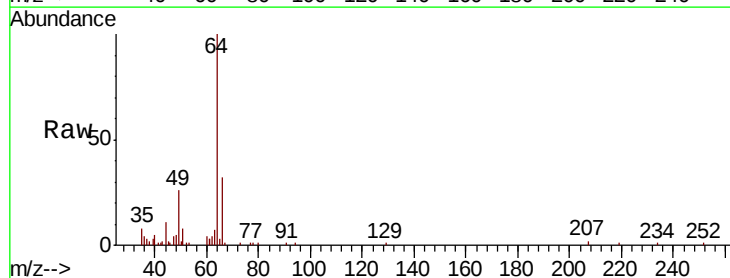
Acq: 05 Oct 2018 00:56

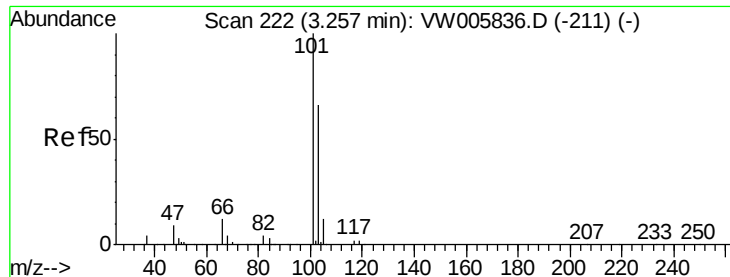
Tgt Ion: 64 Resp: 21175

Ion Ratio Lower Upper

64 100

66 32.2 25.0 37.6





#7

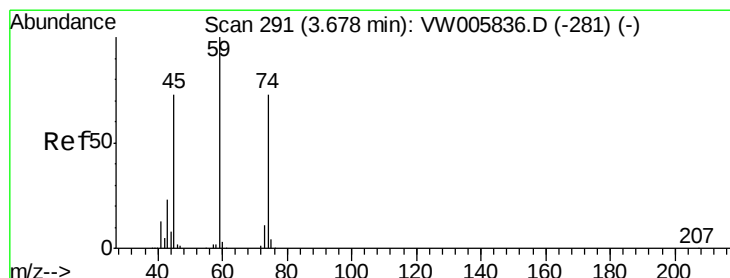
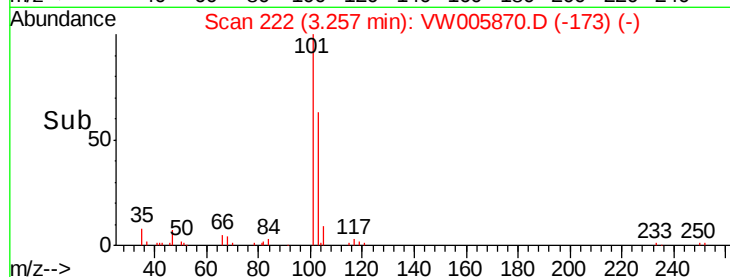
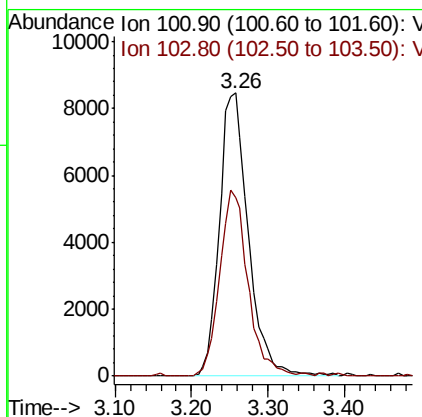
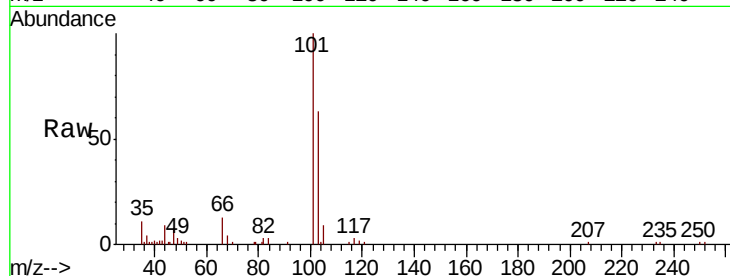
Trichlorofluoromethane
 Concen: 17.303 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VW005870.D
 Acq: 05 Oct 2018 00:56

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 ClientSampleId :
 VW1006SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.2	52.5	78.7

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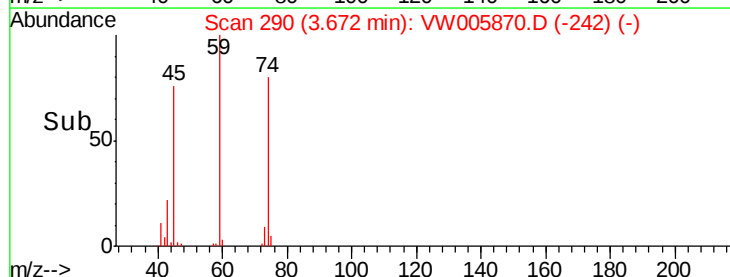
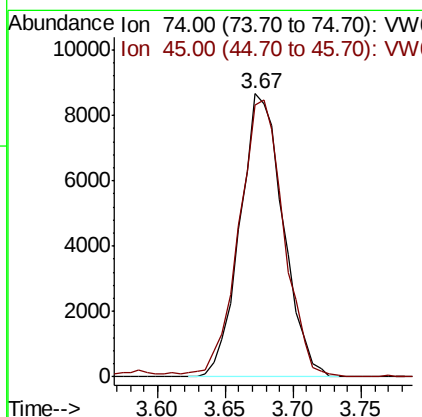
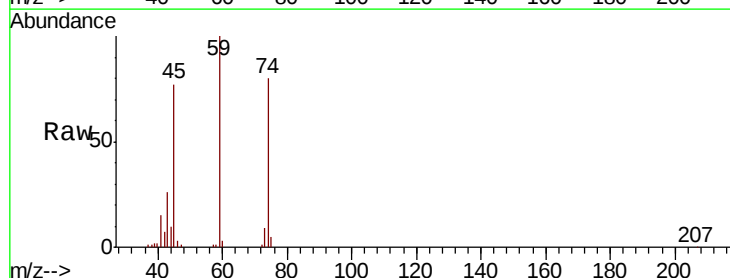
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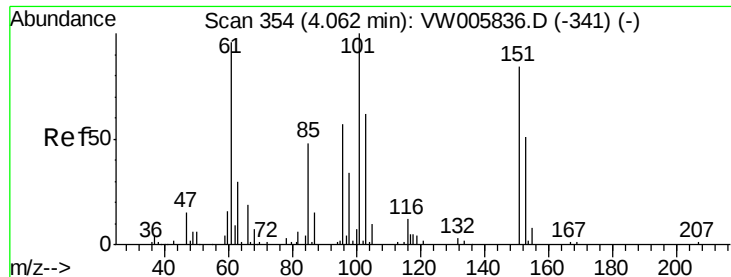


#8

Diethyl Ether
 Concen: 19.715 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW005870.D
 Acq: 05 Oct 2018 00:56

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.8	49.1	147.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.478 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW005870.D

Acq: 05 Oct 2018 00:56

Instrument :

MSVOA_W

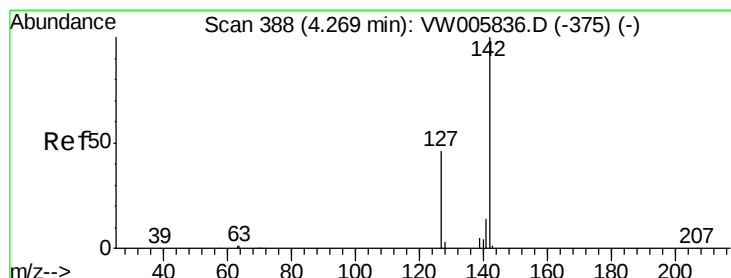
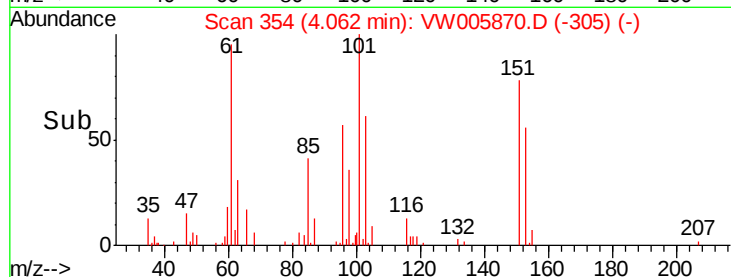
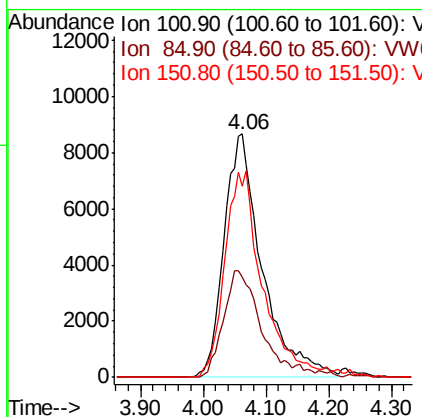
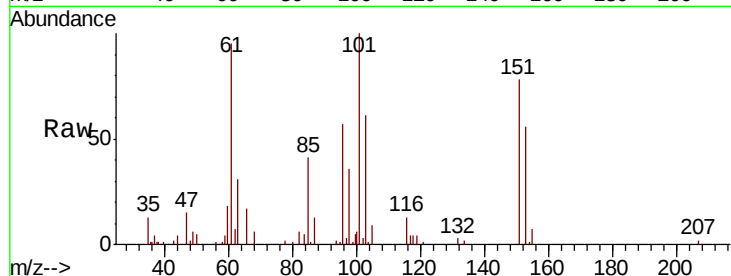
ClientSampleId :

VW1006SBS01

Tot Ion:	101	Resp:	36313
Ion Ratio	Lower	Upper	
101	100		
85	44.5	35.5	53.3
151	83.0	67.4	101.2

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#10

Methyl Iodide

Concen: 19.143 ug/l

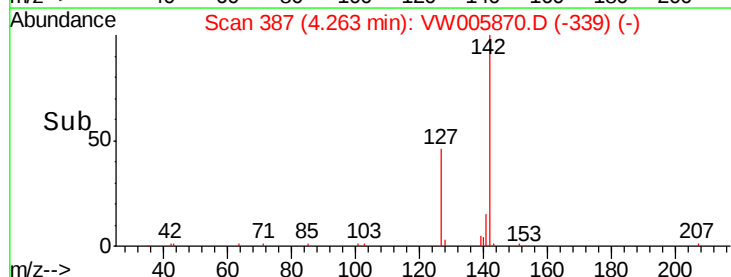
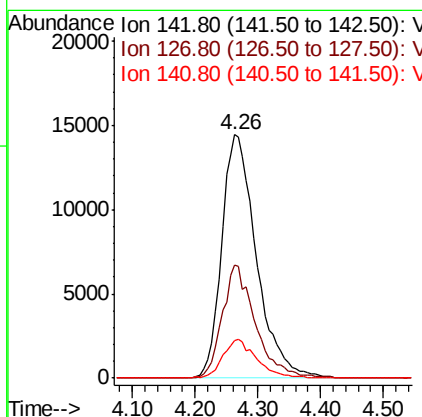
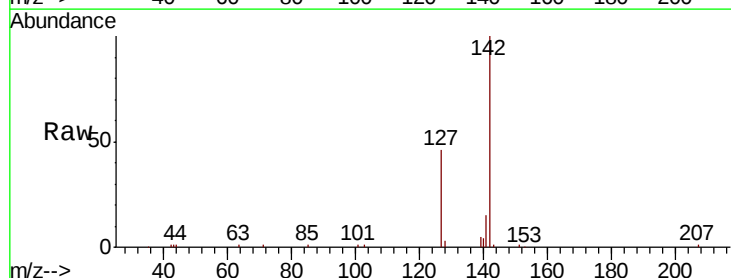
RT: 4.26 min Scan# 387

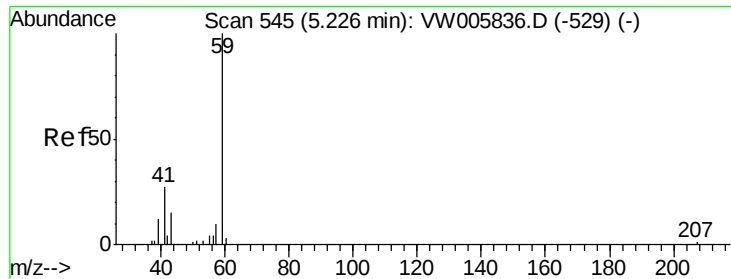
Delta R.T. -0.01 min

Lab File: VW005870.D

Acq: 05 Oct 2018 00:56

Tgt Ion:	142	Resp:	55079
Ion Ratio	Lower	Upper	
142	100		
127	43.9	37.4	56.0
141	15.5	12.2	18.2





#11

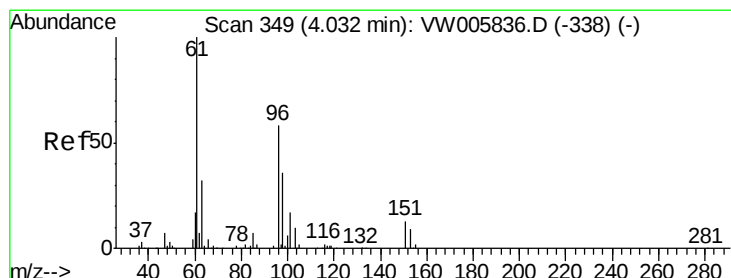
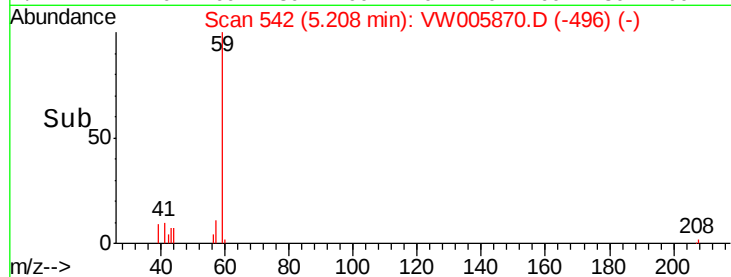
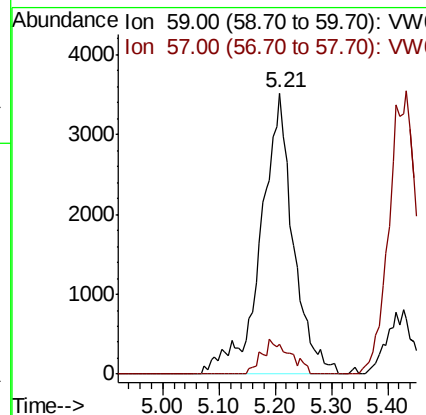
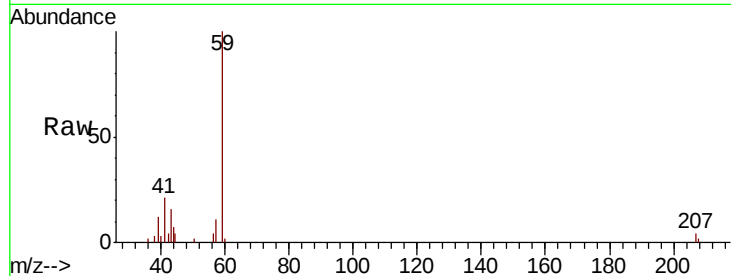
Tert butyl alcohol
 Concen: 104.204 ug/l m
 RT: 5.21 min Scan# 542
 Delta R.T. -0.02 min
 Lab File: VW005870.D
 Acq: 05 Oct 2018 00:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1006SBS01

Tot Ion	59	57	Ratio	100	10.7	Resp	Lower	Upper
14142							4.9	7.3#

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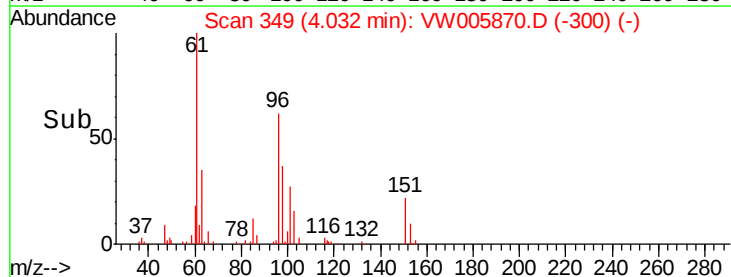
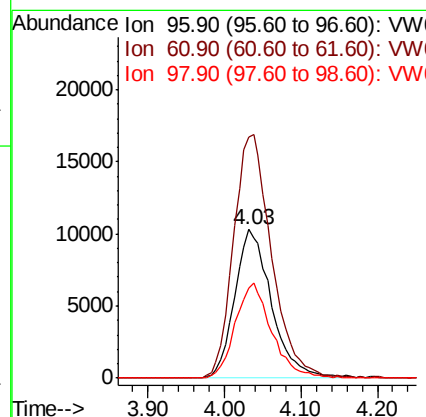
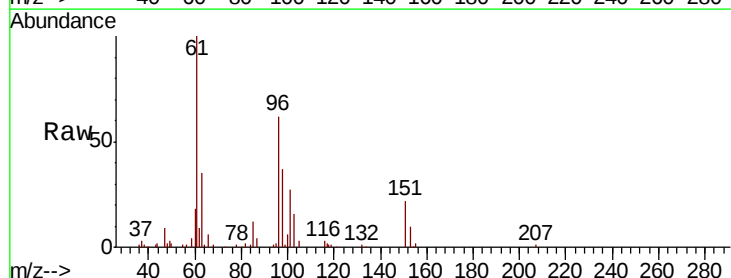
apatel
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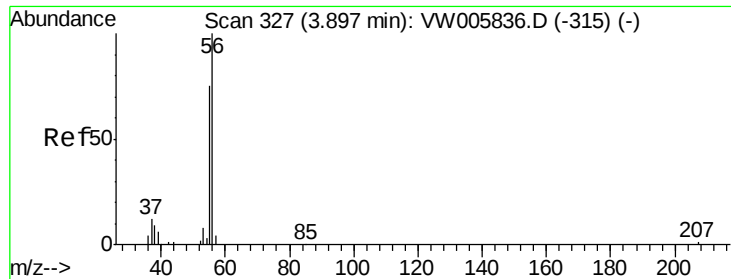


#12

1,1-Dichloroethene
 Concen: 19.739 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. 0.00 min
 Lab File: VW005870.D
 Acq: 05 Oct 2018 00:56

Tgt Ion	96	61	98	Ratio	100	162.5	60.8	Resp	Lower	Upper
34297									138.8	208.2
									50.6	75.8





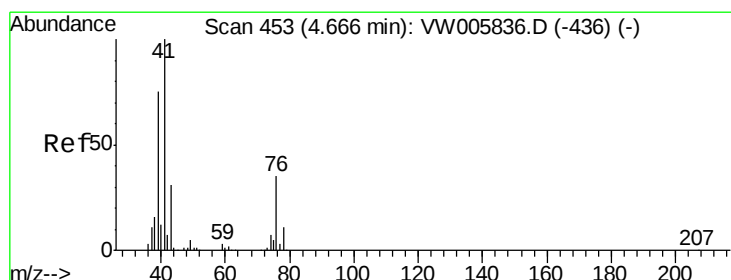
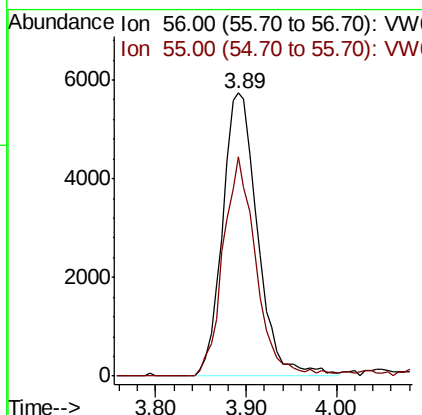
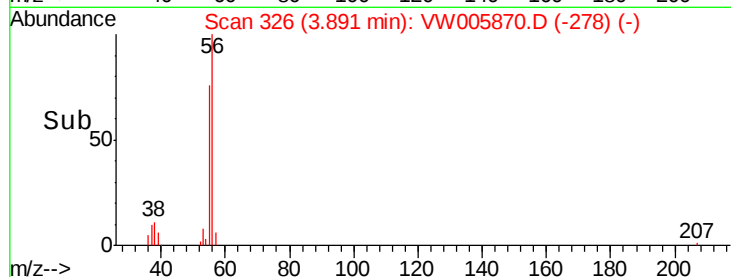
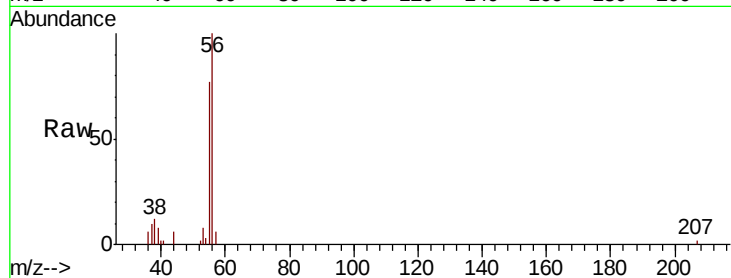
#13
 Acrolein
 Concen: 113.246 ug/l
 RT: 3.89 min Scan# 326
 Delta R.T. -0.01 min
 Lab File: VW005870.D
 Acq: 05 Oct 2018 00:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1006SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
55	72.7	59.2	88.8

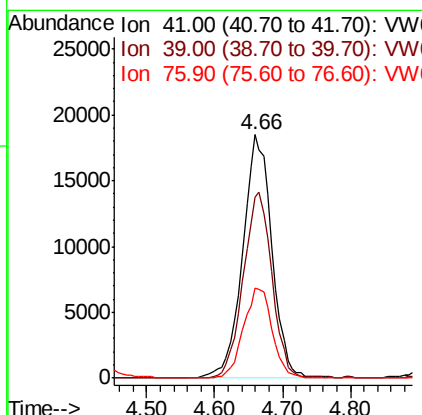
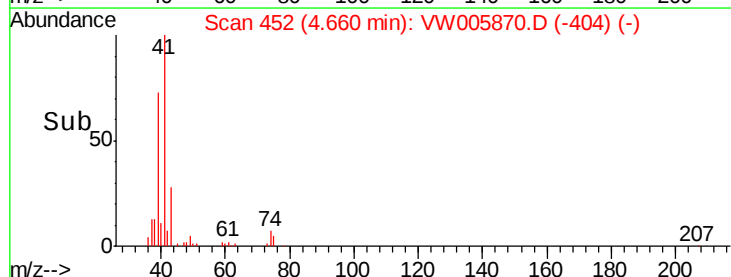
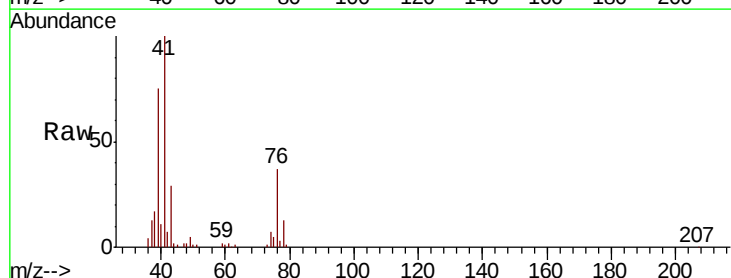
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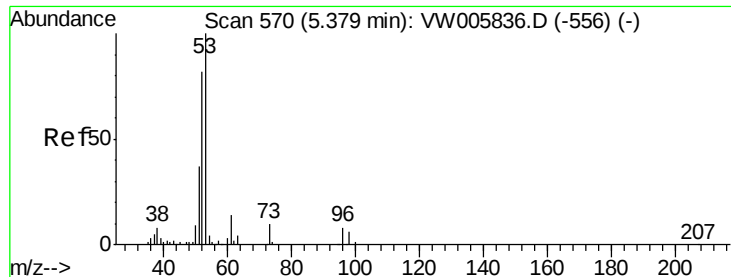
apatel
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#14
 Allyl chloride
 Concen: 19.553 ug/l
 RT: 4.66 min Scan# 452
 Delta R.T. -0.01 min
 Lab File: VW005870.D
 Acq: 05 Oct 2018 00:56

Tgt Ion	Ratio	Lower	Upper
41	100		
39	75.2	60.3	90.5
76	36.3	28.9	43.3





#15

Acrylonitrile

Concen: 105.533 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.01 min

Lab File: VW005870.D

Acq: 05 Oct 2018 00:56

Instrument :

MSVOA_W

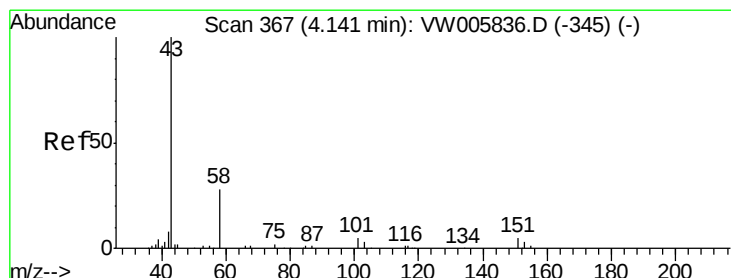
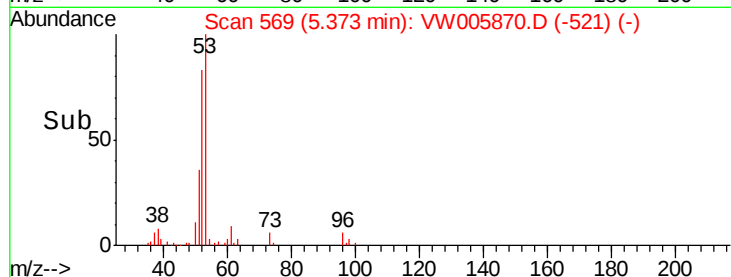
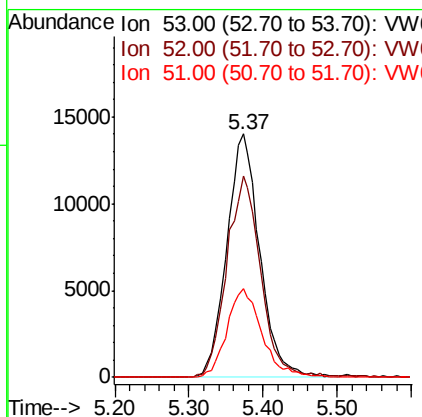
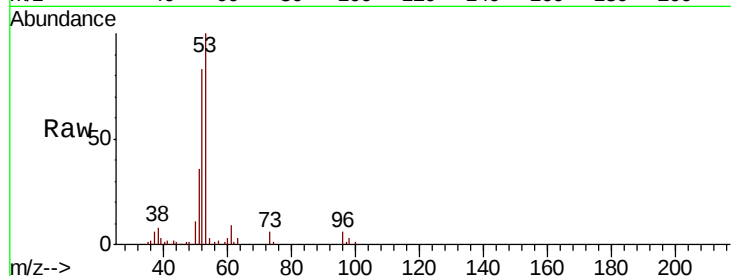
ClientSampleId :

VW1006SBSD01

Tot Ion:	53	Resp:	43480
Ion	Ratio	Lower	Upper
53	100		
52	83.9	67.3	100.9
51	38.5	30.2	45.2

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#16

Acetone

Concen: 108.289 ug/l

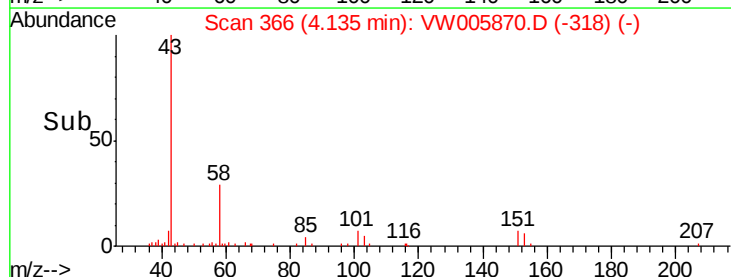
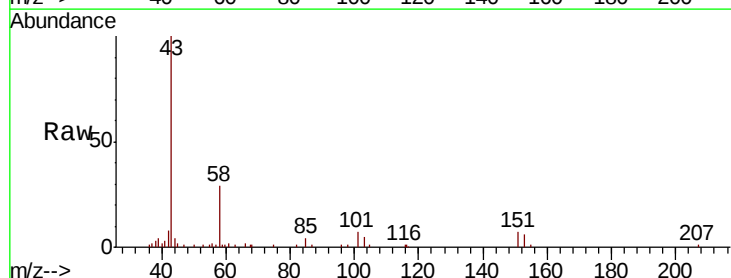
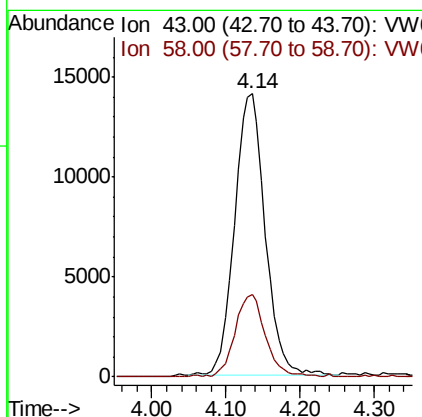
RT: 4.14 min Scan# 366

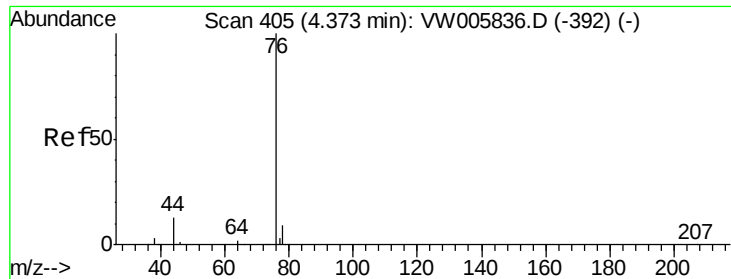
Delta R.T. -0.01 min

Lab File: VW005870.D

Acq: 05 Oct 2018 00:56

Tgt Ion:	43	Resp:	40561
Ion	Ratio	Lower	Upper
43	100		
58	29.3	23.0	34.4





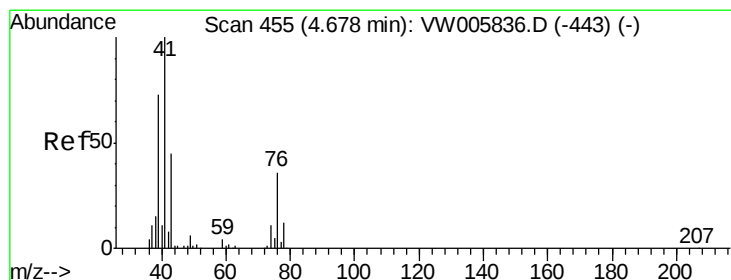
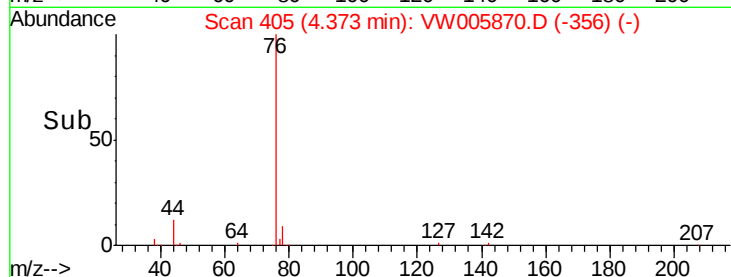
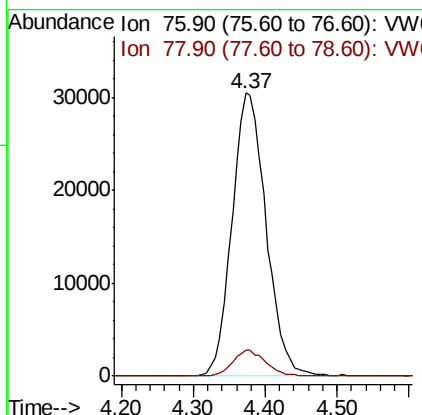
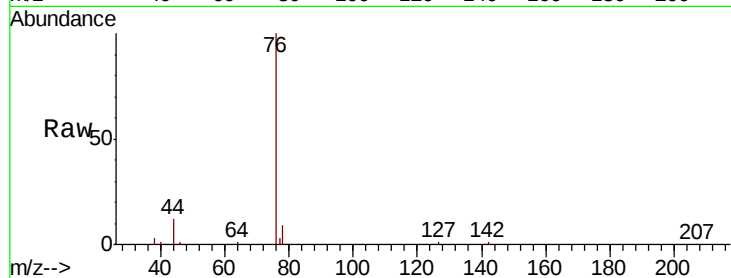
#17
Carbon Disulfide
Concen: 18.201 ug/l
RT: 4.37 min Scan# 405
Delta R.T. 0.00 min
Lab File: VW005870.D
Acq: 05 Oct 2018 00:56

Instrument :
MSVOA_W
ClientSampleId :
VW1006SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.0	10.6

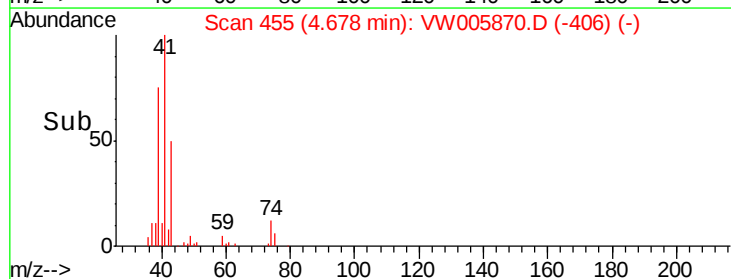
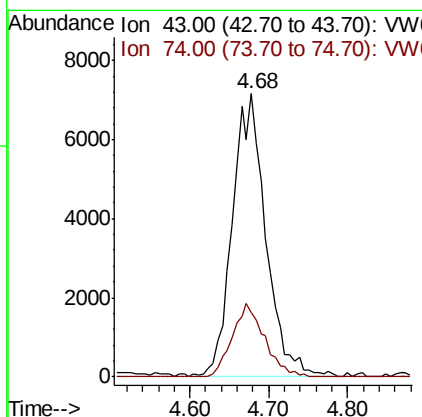
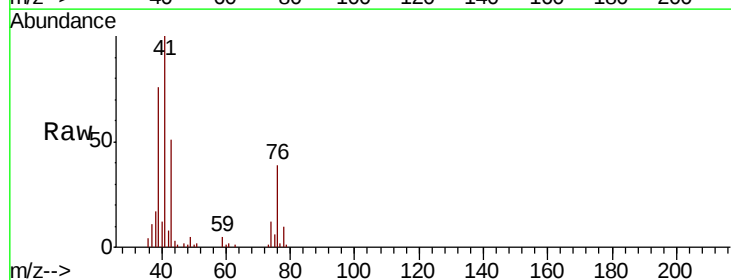
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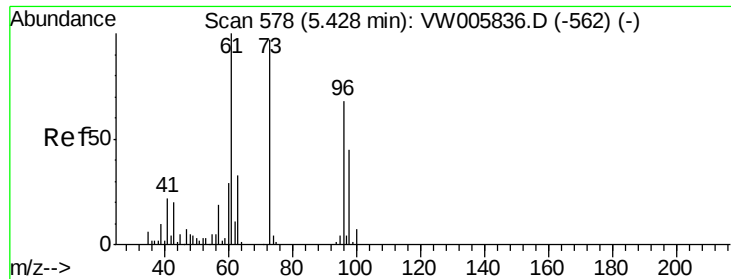
apatel
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#18
Methyl Acetate
Concen: 19.815 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.00 min
Lab File: VW005870.D
Acq: 05 Oct 2018 00:56

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.0	19.5	29.3





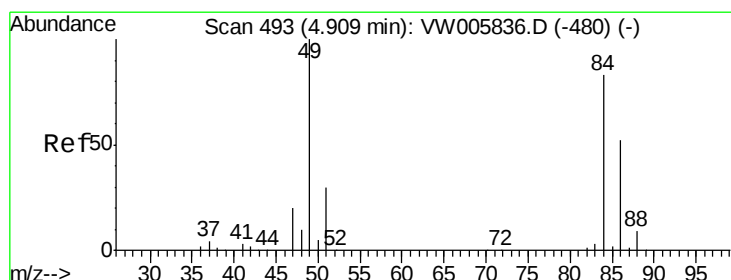
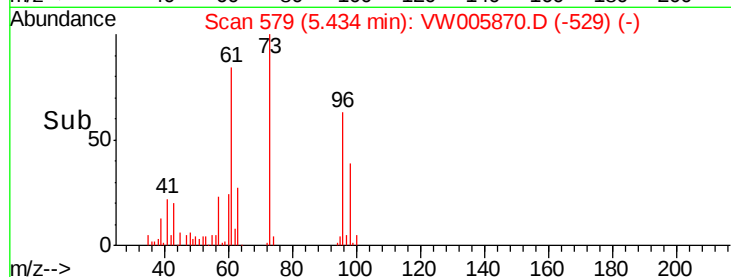
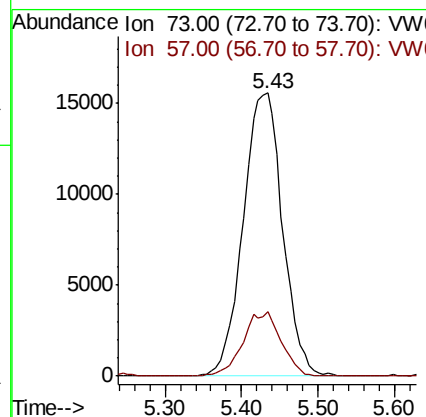
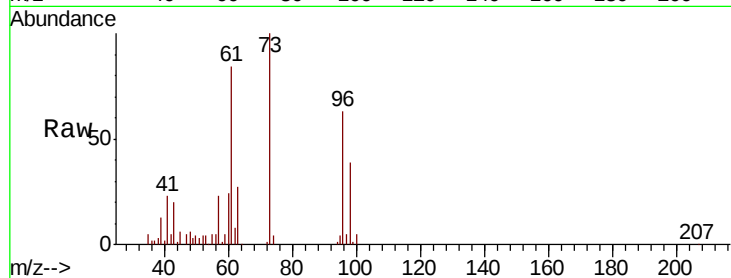
#19
Methyl tert-butyl Ether
Concen: 20.435 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.01 min
Lab File: VW005870.D
Acq: 05 Oct 2018 00:56

Instrument :
MSVOA_W
ClientSampleId :
VW1006SBS01

Tot Ion: 73 Resp: 55740
Ion Ratio Lower Upper
73 100
57 22.8 15.9 23.9

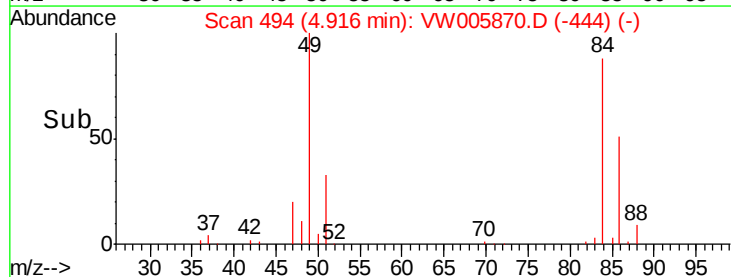
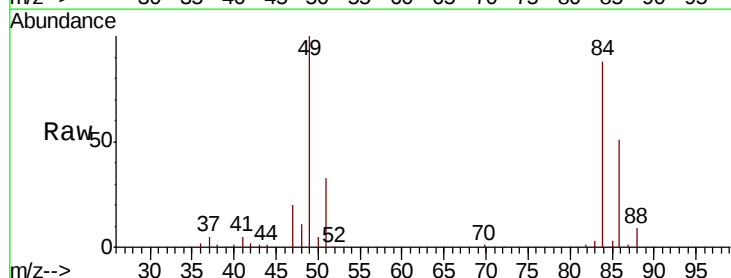
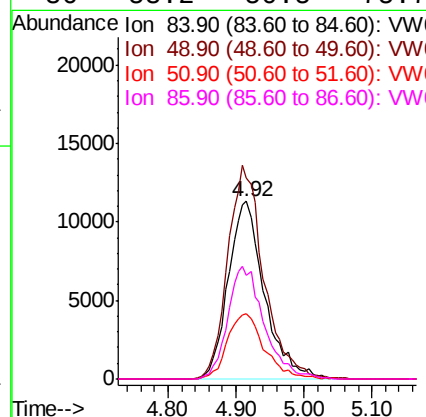
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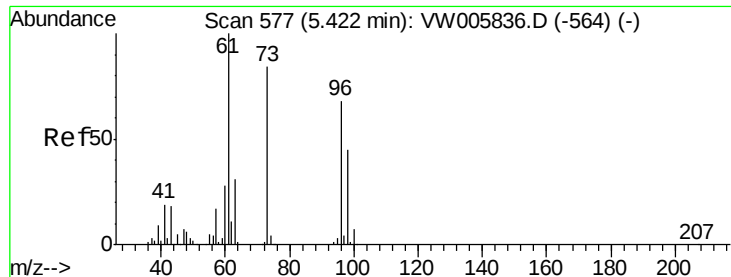
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#20
Methylene Chloride
Concen: 14.905 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW005870.D
Acq: 05 Oct 2018 00:56

Tgt Ion: 84 Resp: 41581
Ion Ratio Lower Upper
84 100
49 113.1 96.8 145.2
51 37.0 28.8 43.2
86 58.2 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 19.869 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW005870.D

Acq: 05 Oct 2018 00:56

Instrument :

MSVOA_W

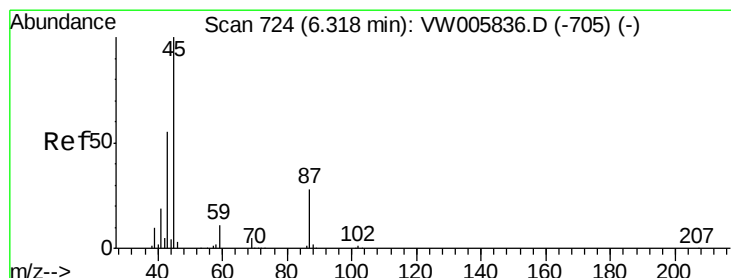
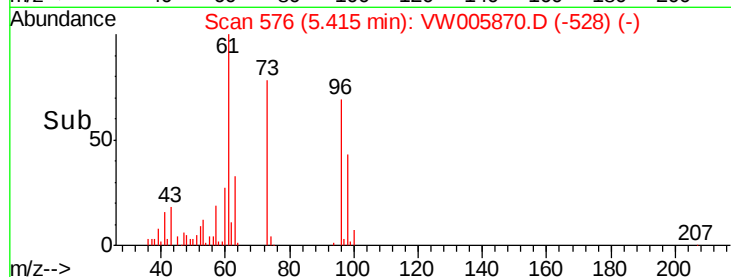
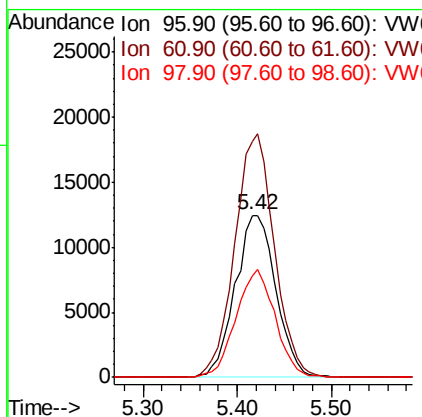
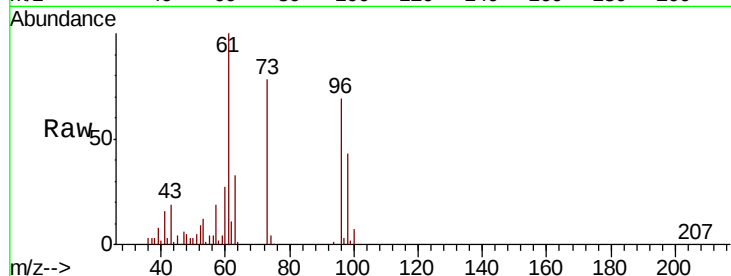
ClientSampleId :

VW1006SBS01

Tot Ion:	96	Resp:	37681
Ion	Ratio	Lower	Upper
96	100		
61	145.3	117.0	175.6
98	62.3	52.2	78.2

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#22

Diisopropyl ether

Concen: 18.703 ug/l

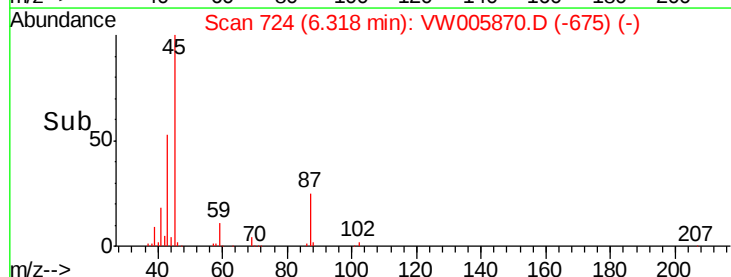
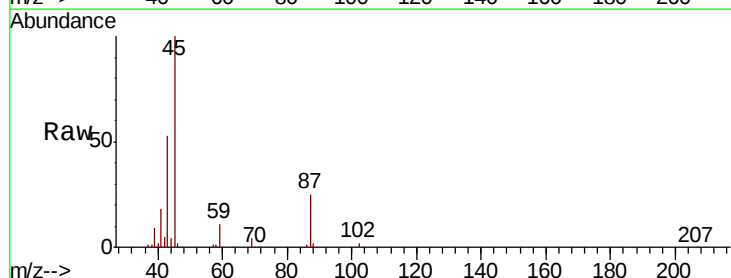
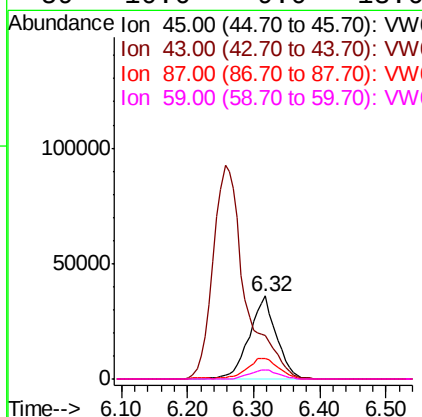
RT: 6.32 min Scan# 724

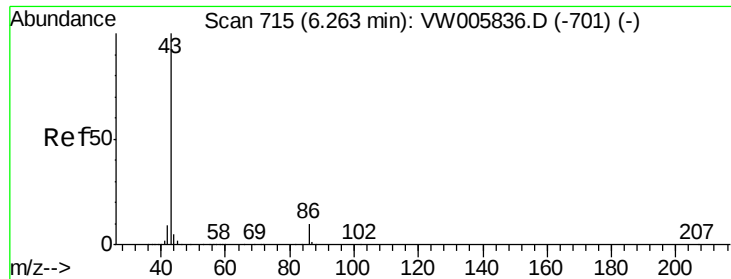
Delta R.T. 0.00 min

Lab File: VW005870.D

Acq: 05 Oct 2018 00:56

Tgt Ion:	45	Resp:	103504
Ion	Ratio	Lower	Upper
45	100		
43	52.1	44.6	67.0
87	25.2	23.4	35.2
59	10.6	9.0	13.6





#23

Vinyl Acetate

Concen: 98.945 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW005870.D

Acq: 05 Oct 2018 00:56

Instrument :

MSVOA_W

ClientSampleID :

VW1006SBS01

Tot Ion: 43 Resp: 311049

Ion Ratio Lower Upper

43 100

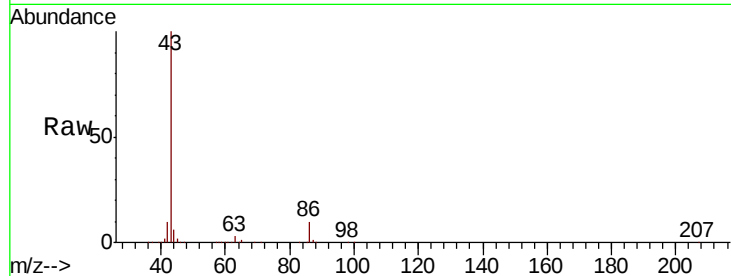
86 9.9 8.1 12.1

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

100000

80000

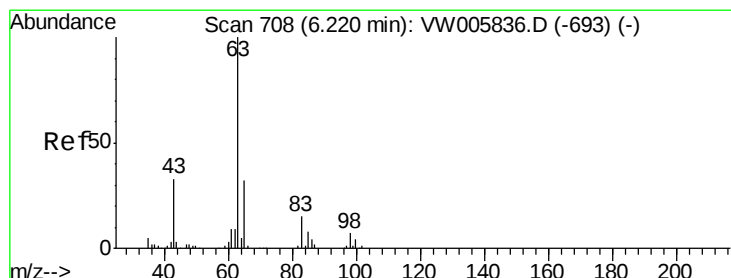
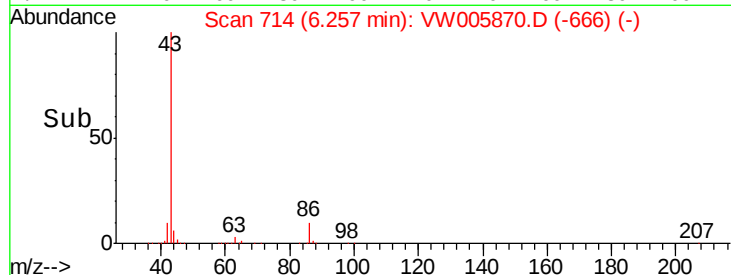
60000

40000

20000

0

Time-->



#24

1,1-Dichloroethane

Concen: 18.752 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW005870.D

Acq: 05 Oct 2018 00:56

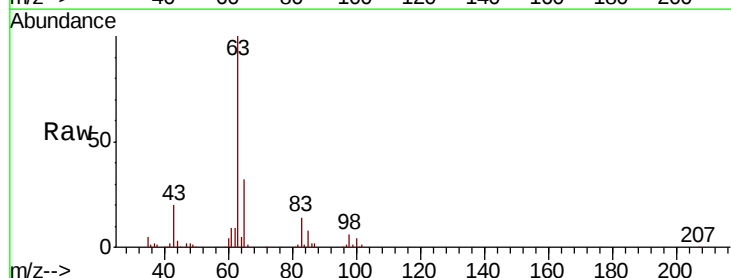
Tgt Ion: 63 Resp: 67337

Ion Ratio Lower Upper

63 100

98 5.5 3.5 10.5

100 4.1 2.0 6.0



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

30000

25000

20000

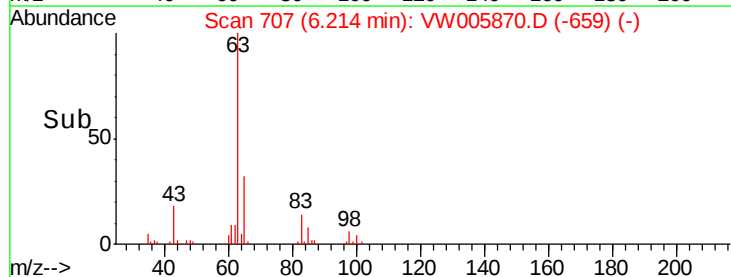
15000

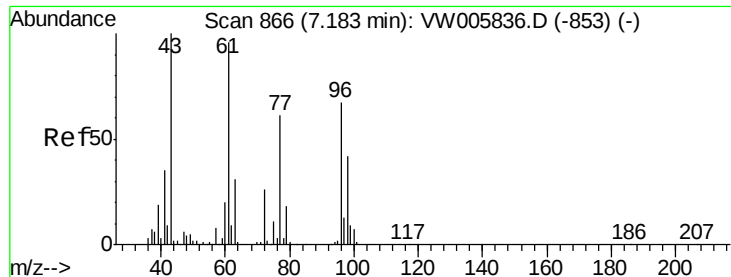
10000

5000

0

Time-->





#25

2-Butanone

Concen: 105.004 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.01 min

Lab File: VW005870.D

Acq: 05 Oct 2018 00:56

Instrument :

MSVOA_W

ClientSampled :

VW1006SBS01

Tot Ion: 43 Resp: 55326

Ion Ratio Lower Upper

43 100

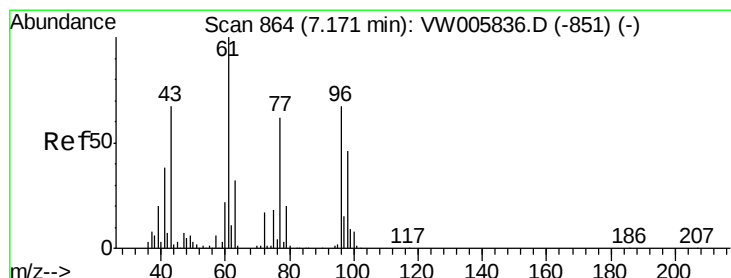
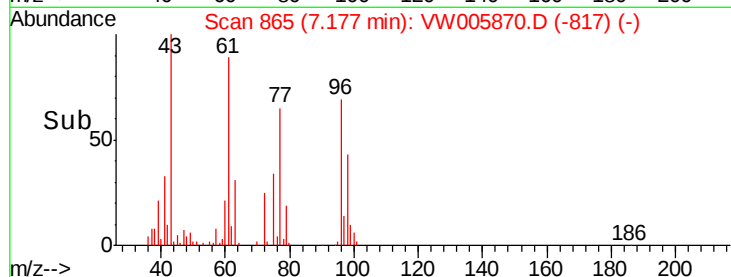
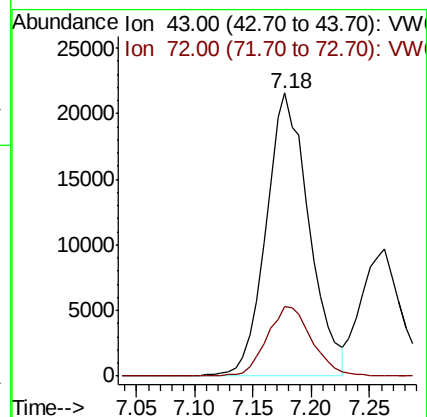
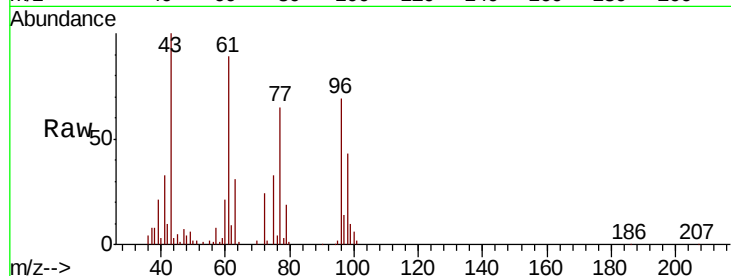
72 24.5 20.9 31.3

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 19.235 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW005870.D

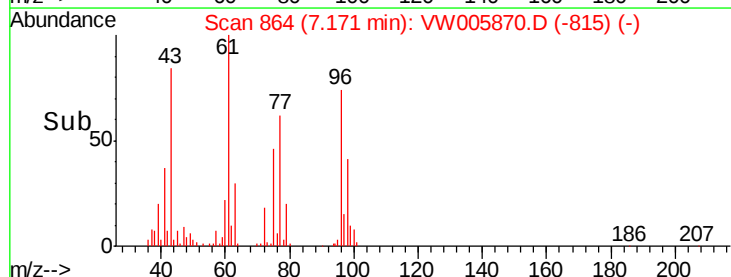
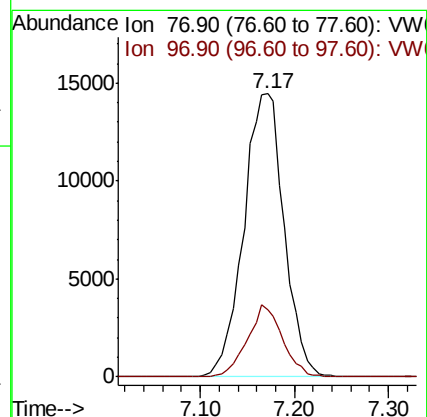
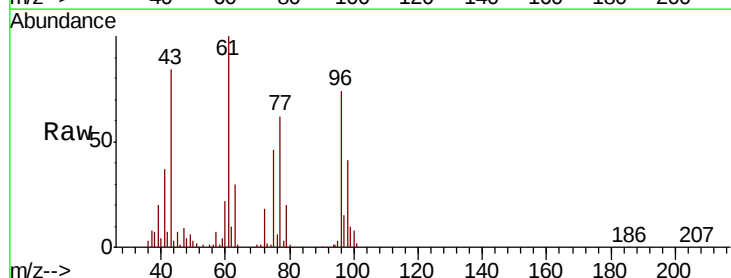
Acq: 05 Oct 2018 00:56

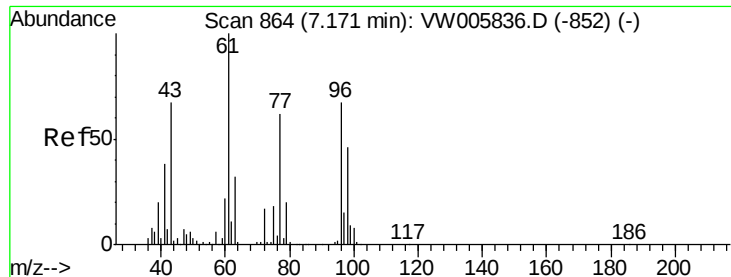
Tgt Ion: 77 Resp: 43128

Ion Ratio Lower Upper

77 100

97 22.0 11.7 35.0





#27

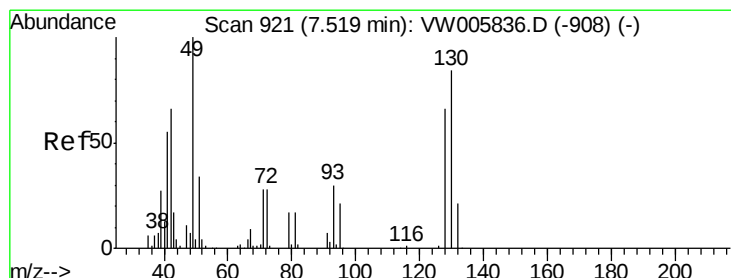
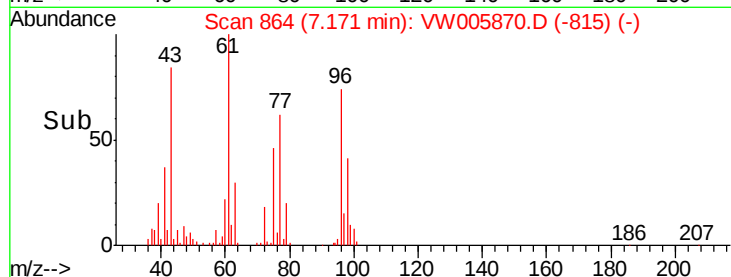
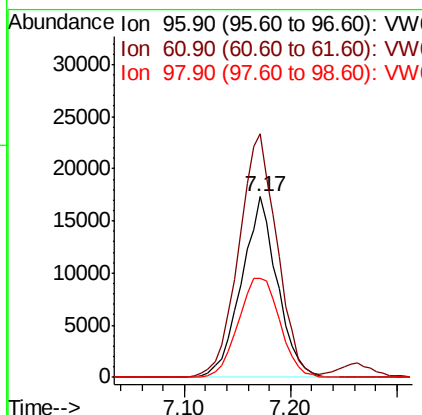
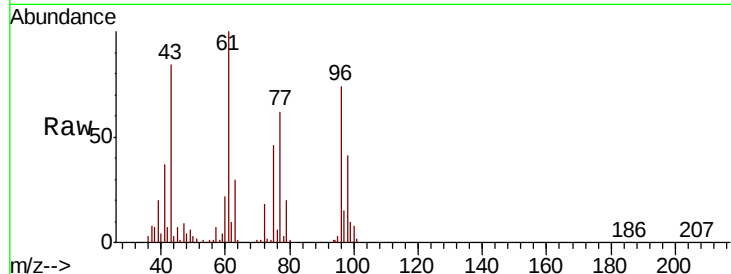
cis-1,2-Dichloroethene
Concen: 19.314 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW005870.D
Acq: 05 Oct 2018 00:56

Instrument :
MSVOA_W
ClientSampleId :
VW1006SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	144.0	0.0	296.4	
98	63.7	0.0	131.4	

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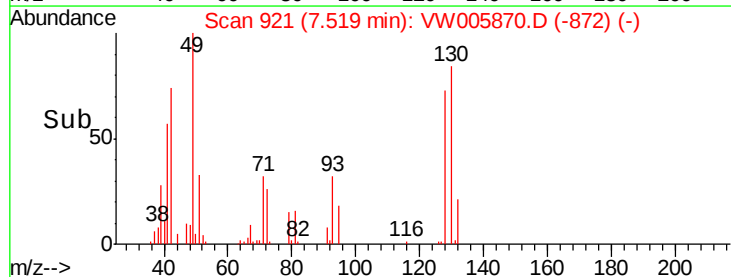
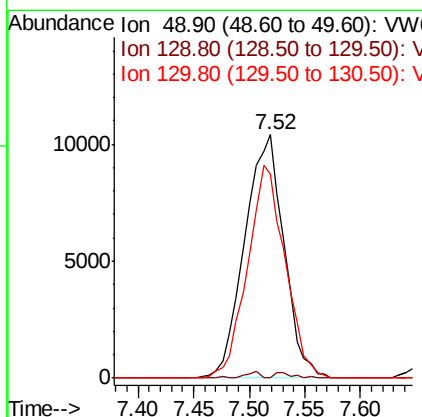
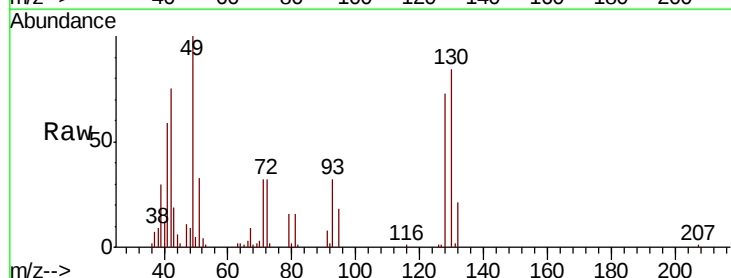
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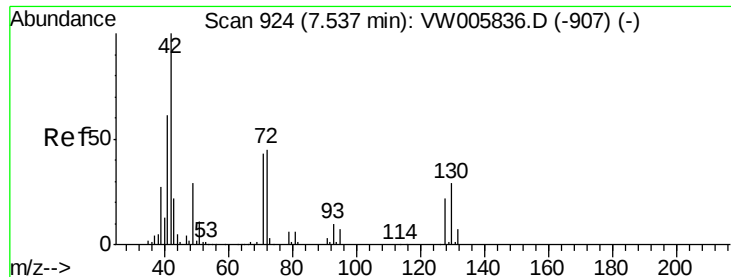


#28

Bromochloromethane
Concen: 20.166 ug/l
RT: 7.52 min Scan# 921
Delta R.T. 0.00 min
Lab File: VW005870.D
Acq: 05 Oct 2018 00:56

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.0	0.0	2.2	
130	83.7	66.4	99.6	





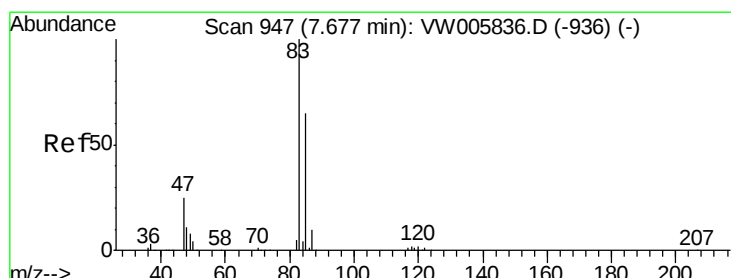
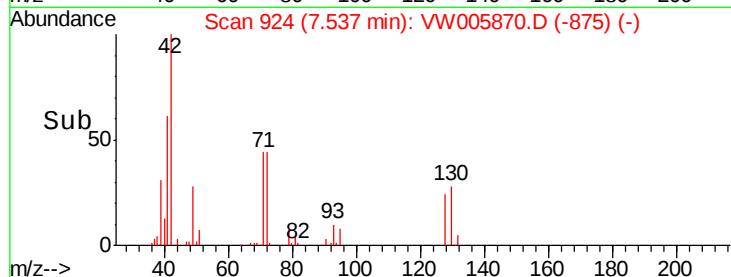
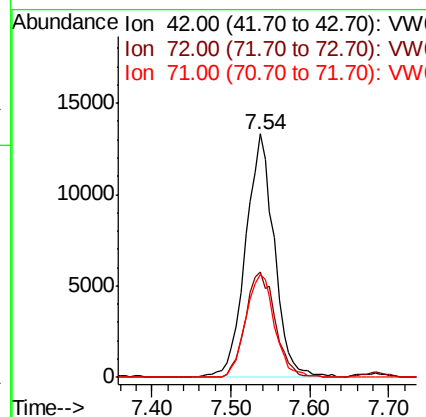
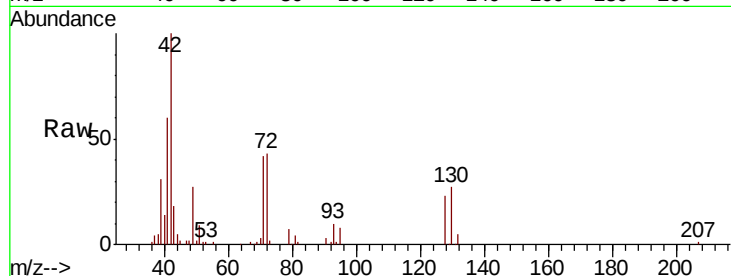
#29
Tetrahydrofuran
Concen: 103.478 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW005870.D
Acq: 05 Oct 2018 00:56

Instrument :
MSVOA_W
ClientSampleId :
VW1006SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.8	34.6	51.8
71	42.6	33.6	50.4

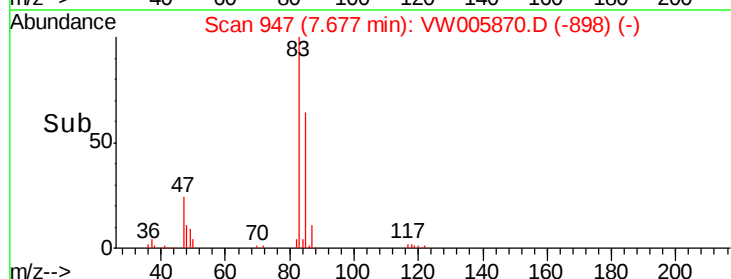
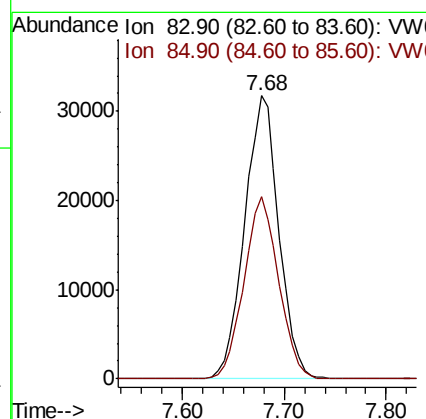
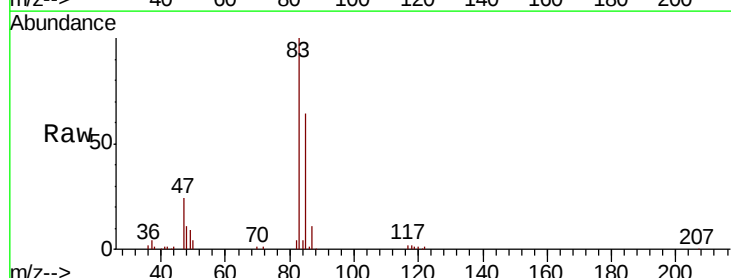
Manual Integrations
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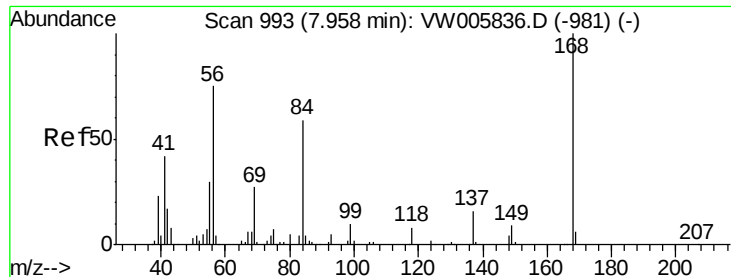
apatel
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#30
Chloroform
Concen: 19.173 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW005870.D
Acq: 05 Oct 2018 00:56

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.6	77.4





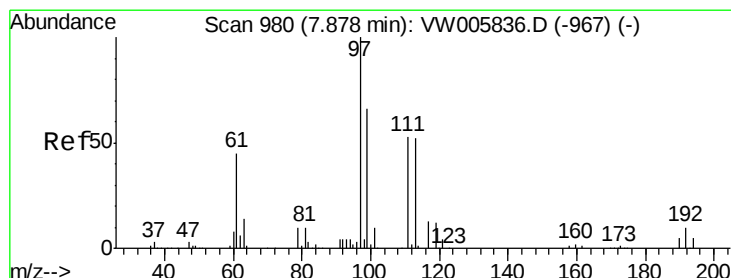
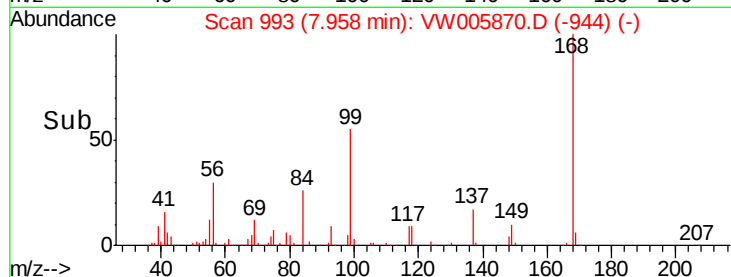
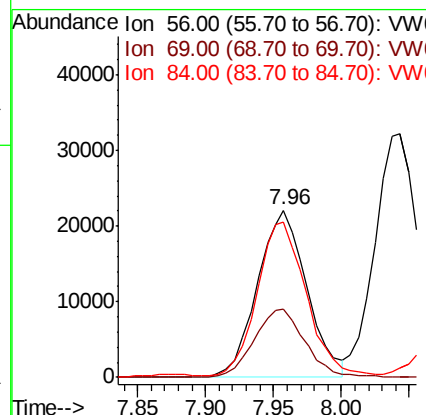
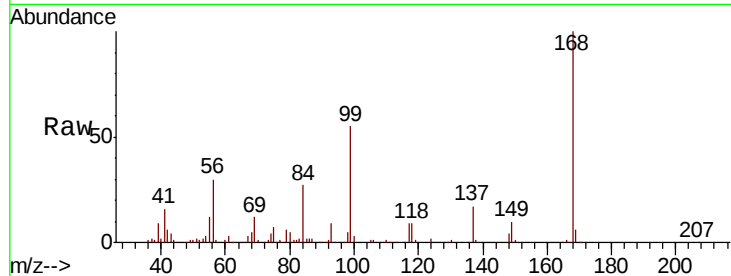
#31
Cyclohexane
Concen: 18.235 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW005870.D
Acq: 05 Oct 2018 00:56

Instrument :
MSVOA_W
ClientSampleId :
VW1006SBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	40.6	29.0	43.4
84	91.5	63.5	95.3

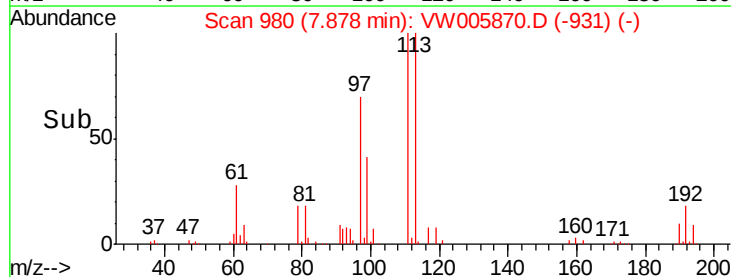
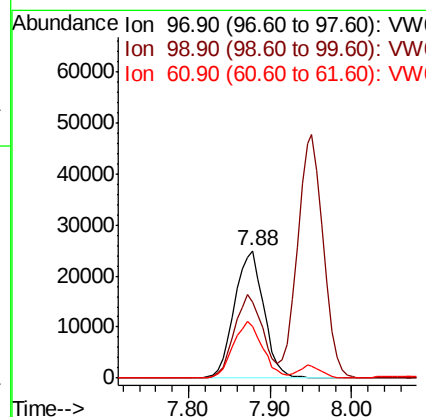
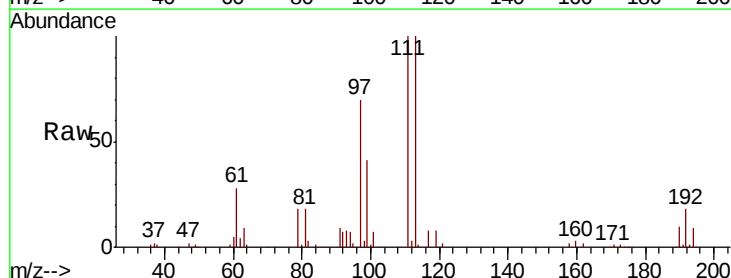
Manual Integrations
APPROVED

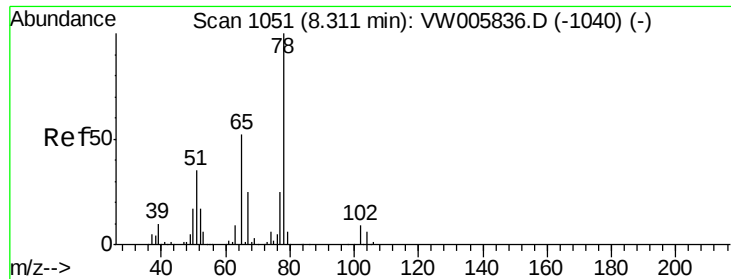
apatel
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#32
1,1,1-Trichloroethane
Concen: 18.826 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.00 min
Lab File: VW005870.D
Acq: 05 Oct 2018 00:56

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.2	76.8
61	44.7	35.5	53.3





#33

1,2-Dichloroethane-d4

Concen: 50.254 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW005870.D

Acq: 05 Oct 2018 00:56

Instrument :

MSVOA_W

ClientSampleId :

VW1006SBS01

Tot Ion: 65 Resp: 112791

Ion Ratio Lower Upper

65 100

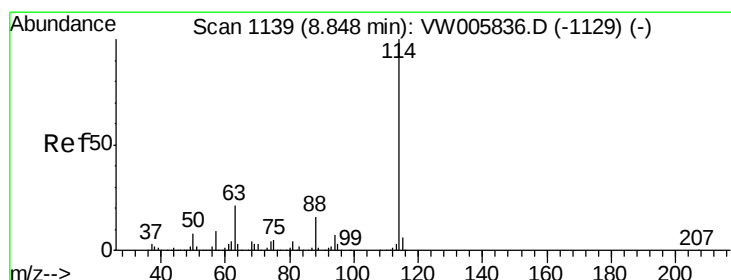
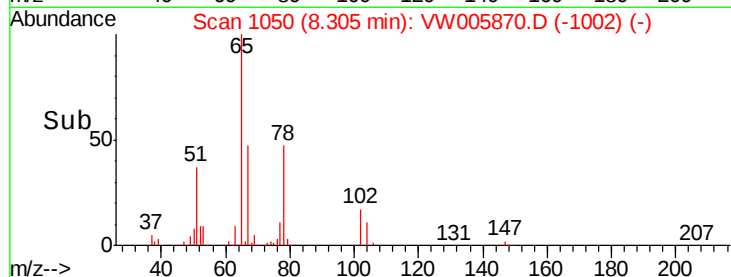
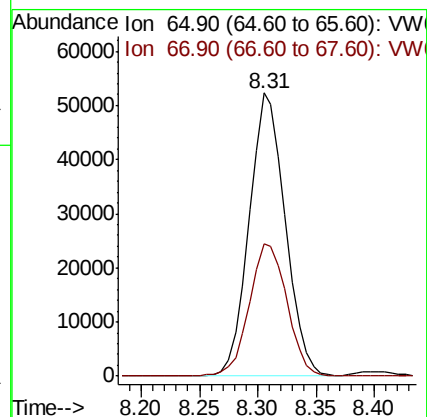
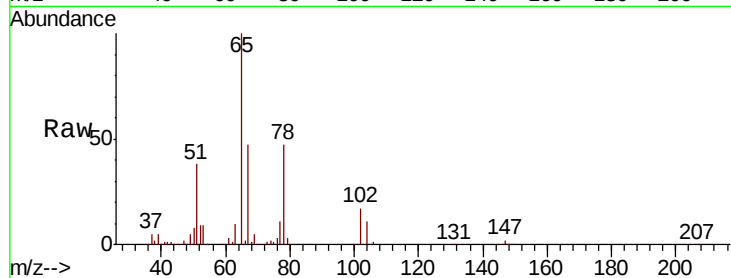
67 48.9 0.0 98.0

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW005870.D

Acq: 05 Oct 2018 00:56

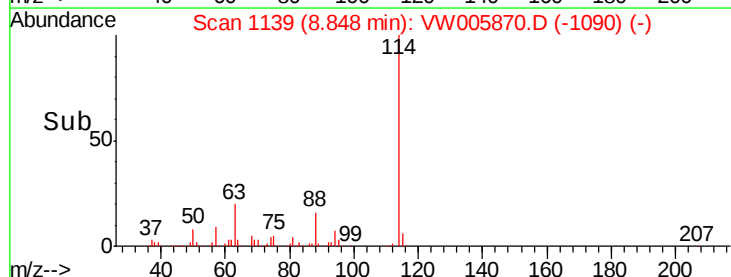
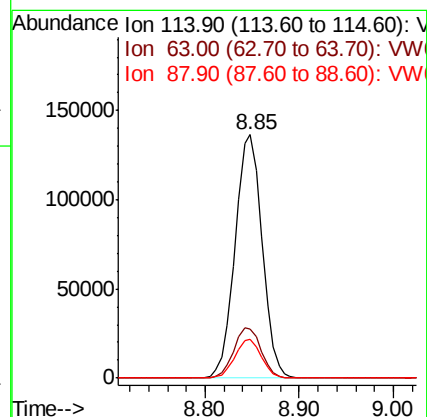
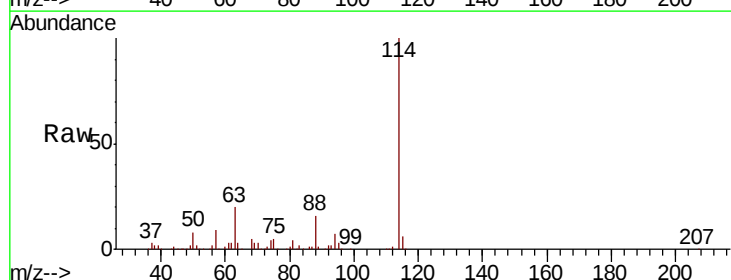
Tgt Ion: 114 Resp: 271130

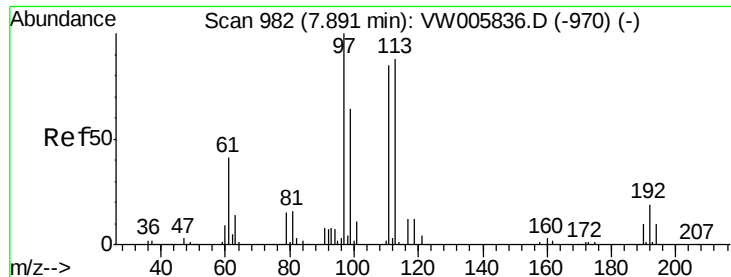
Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.0

88 16.1 0.0 31.2





#35

Dibromofluoromethane

Concen: 50.503 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.00 min

Lab File: VW005870.D

Acq: 05 Oct 2018 00:56

Instrument :

MSVOA_W

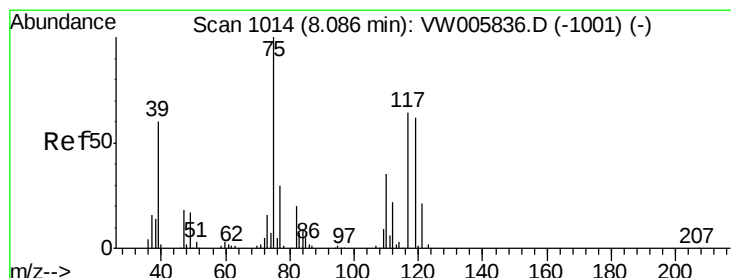
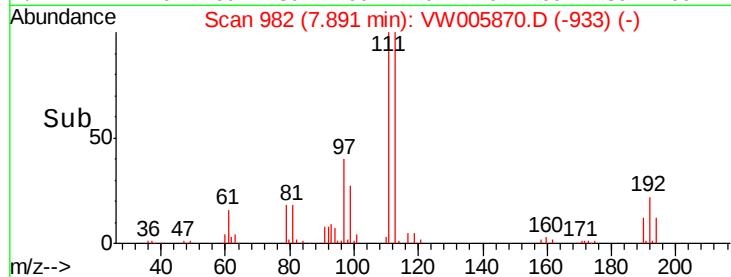
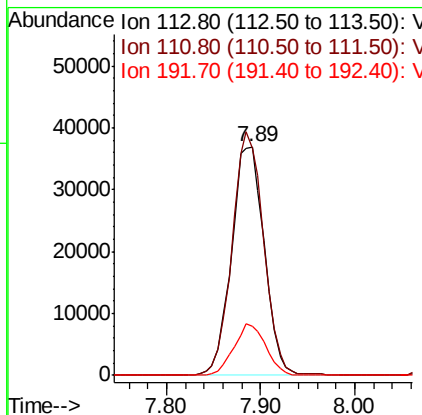
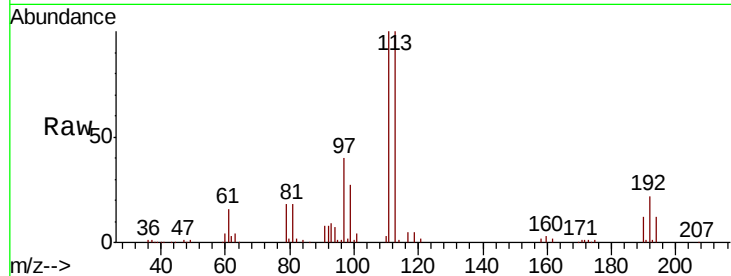
ClientSampleId :

VW1006SBS01

Tot Ion:	113	Resp:	89749
Ion Ratio	Lower	Upper	
113	100		
111	102.3	81.4	122.2
192	21.8	17.3	25.9

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 19.327 ug/l

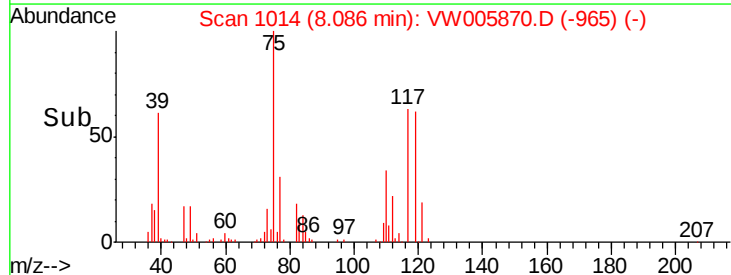
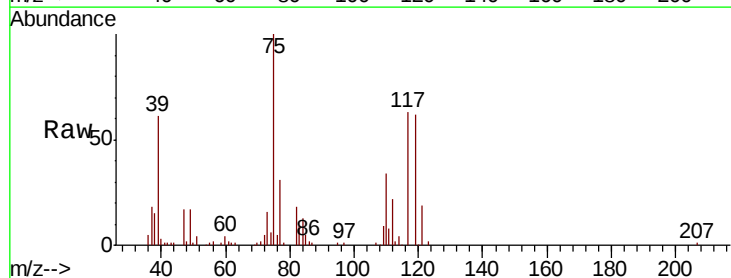
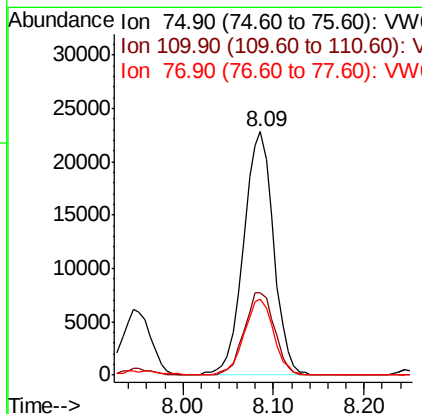
RT: 8.09 min Scan# 1014

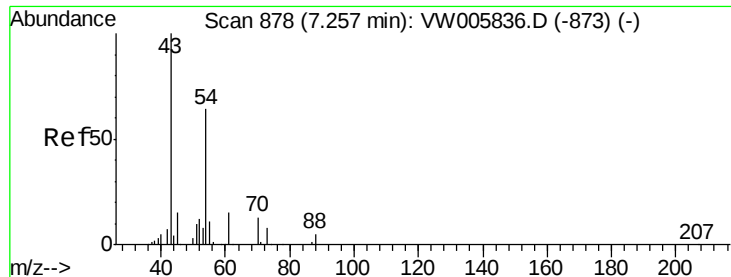
Delta R.T. 0.00 min

Lab File: VW005870.D

Acq: 05 Oct 2018 00:56

Tgt Ion:	75	Resp:	52087
Ion Ratio	Lower	Upper	
75	100		
110	34.4	17.5	52.6
77	30.8	24.8	37.2





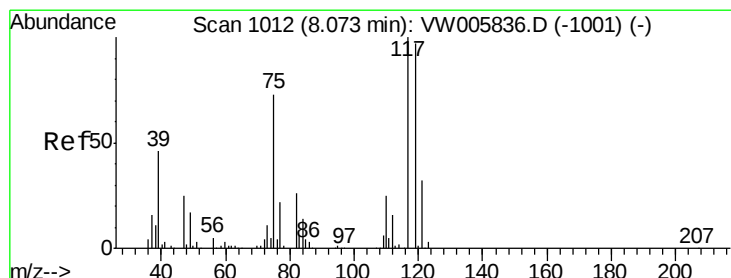
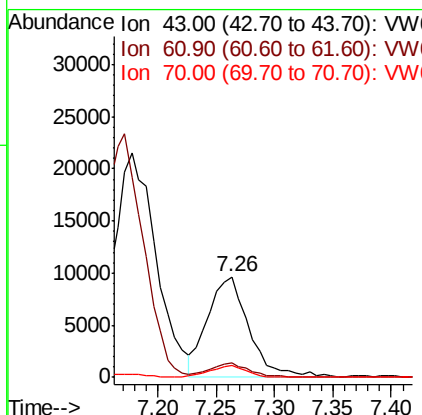
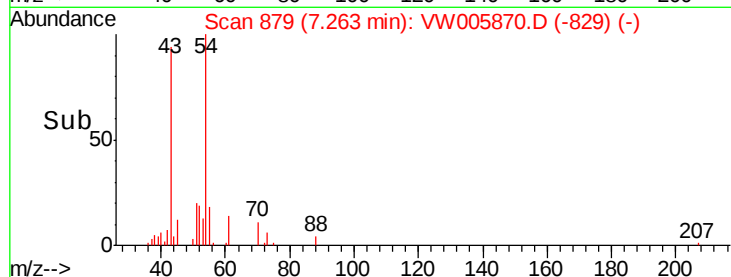
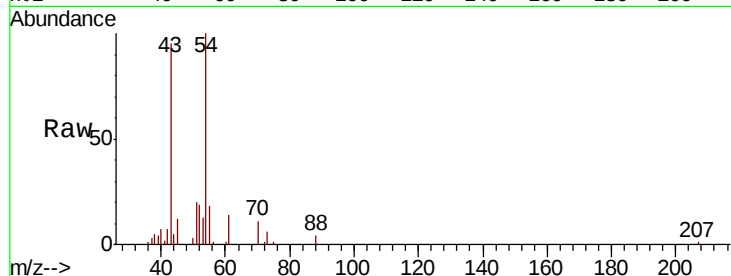
#37
Ethyl Acetate
Concen: 20.814 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: VW005870.D
Acq: 05 Oct 2018 00:56

Instrument :
MSVOA_W
ClientSampleId :
VW1006SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.2	16.8
70	10.6	8.6	13.0

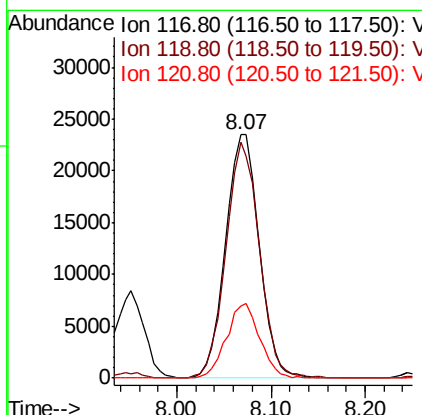
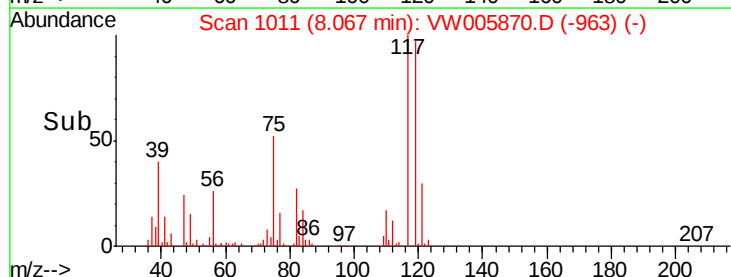
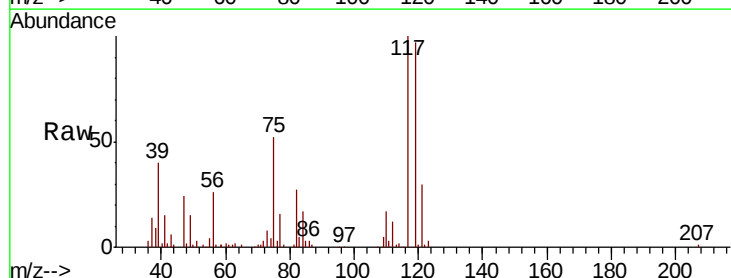
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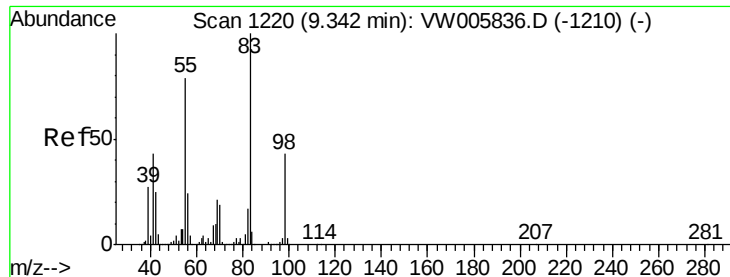
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#38
Carbon Tetrachloride
Concen: 19.444 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW005870.D
Acq: 05 Oct 2018 00:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.0	77.9	116.9
121	29.6	25.2	37.8





#39

Methvlcvclohexane

Concen: 19.402 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. -0.01 min

Lab File: VW005870.D

Acq: 05 Oct 2018 00:56

Instrument :

MSVOA_W

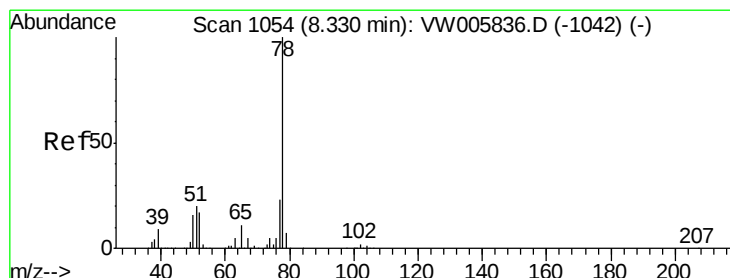
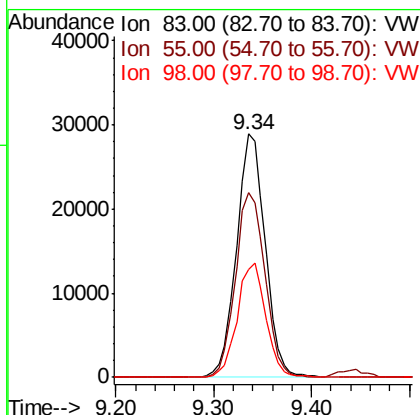
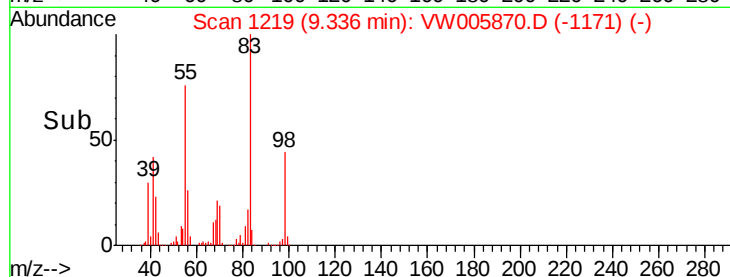
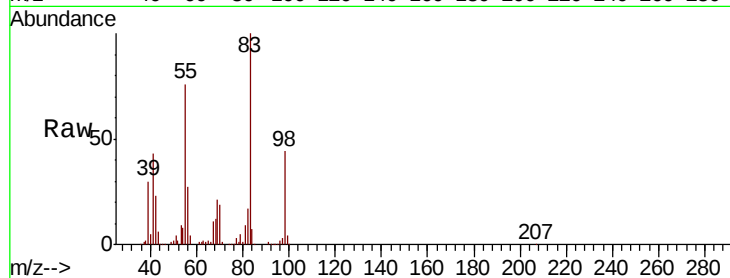
ClientSampleId :

VW1006SBS01

Tot Ion:	83	Resp:	58866
Ion	Ratio	Lower	Upper
83	100		
55	75.8	63.0	94.4
98	44.4	34.5	51.7

Manual Integrations
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#40

Benzene

Concen: 19.189 ug/l

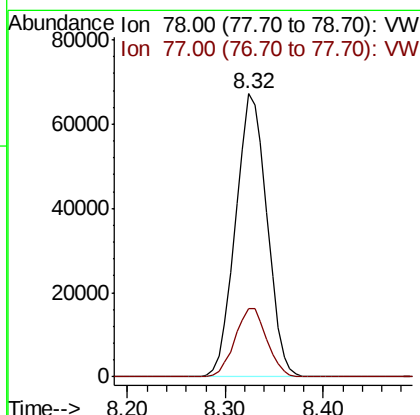
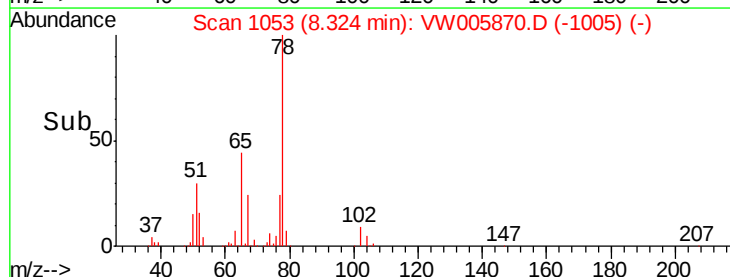
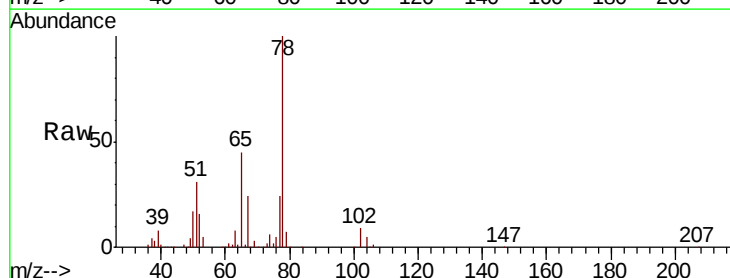
RT: 8.32 min Scan# 1053

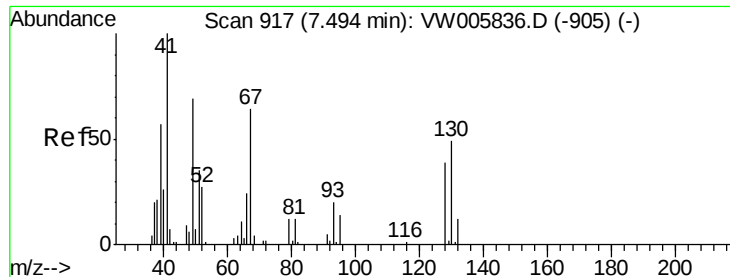
Delta R.T. -0.01 min

Lab File: VW005870.D

Acq: 05 Oct 2018 00:56

Tgt Ion:	78	Resp:	149884
Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.6	28.0





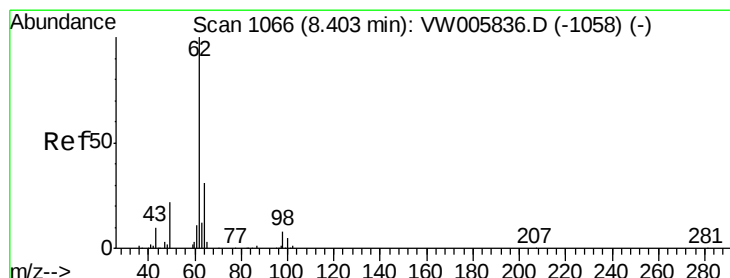
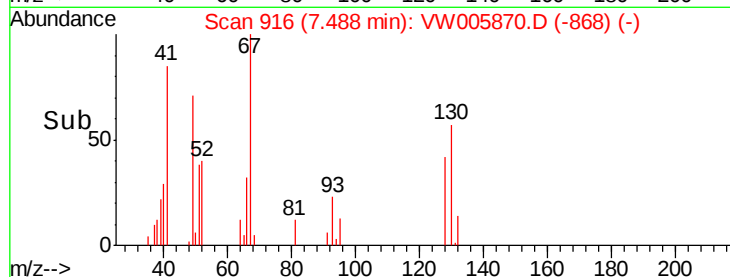
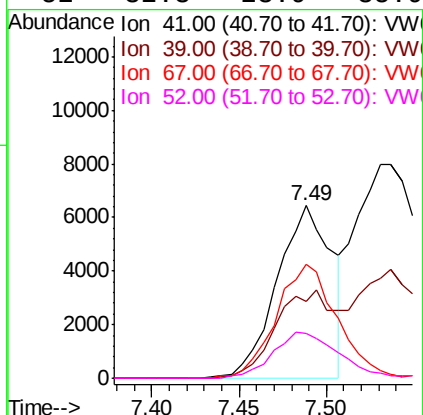
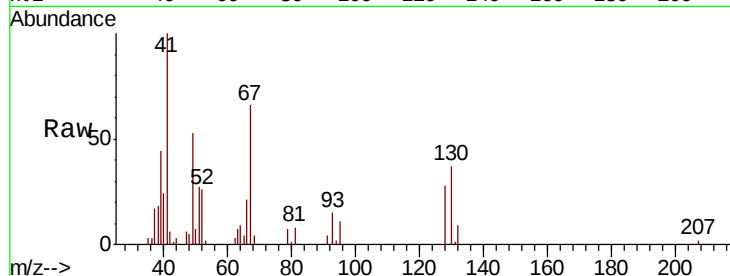
#41
Methacrylonitrile
Concen: 21.099 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.01 min
Lab File: VW005870.D
Acq: 05 Oct 2018 00:56

Instrument :
MSVOA_W
ClientSampleId :
VW1006SBS01

Tot Ion:	41	Resp:	14142
Ion	Ratio	Lower	Upper
41	100		
39	60.6	45.6	68.4
67	73.3	53.6	80.4
52	32.3	23.9	35.9

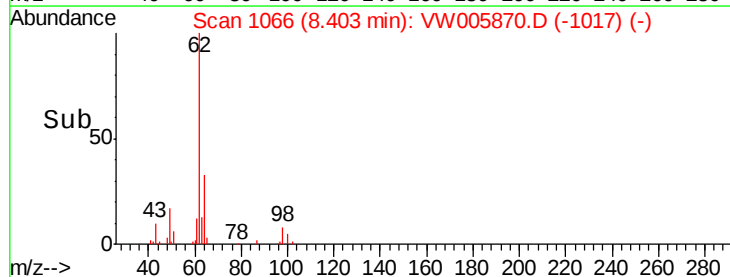
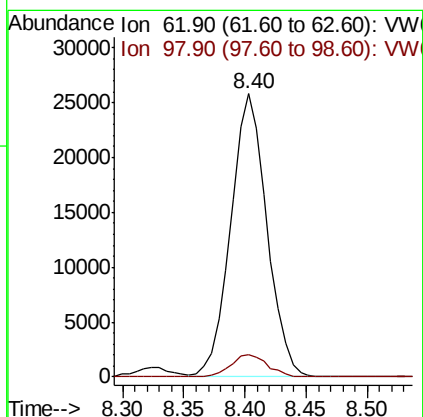
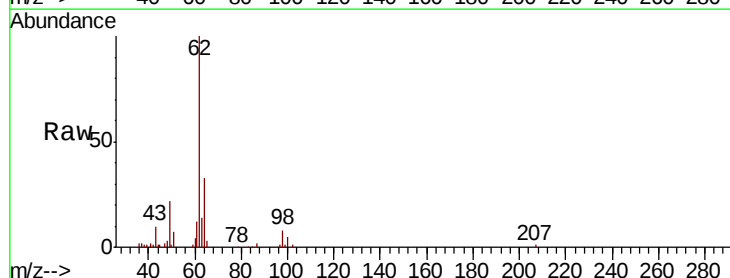
Manual Integrations
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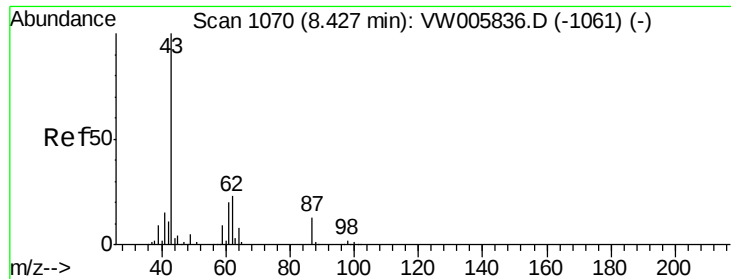
apatel
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#42
1,2-Dichloroethane
Concen: 20.081 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW005870.D
Acq: 05 Oct 2018 00:56

Tgt Ion:	62	Resp:	52756
Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	16.2





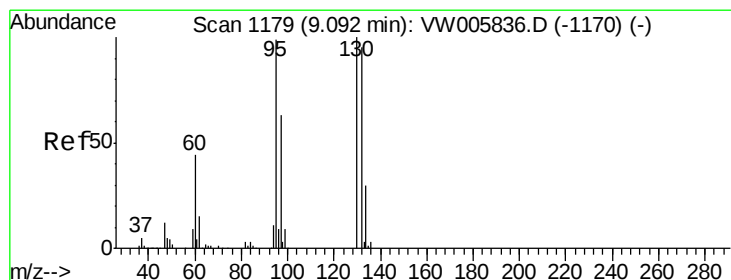
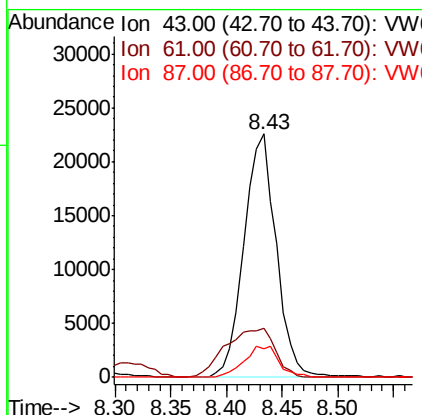
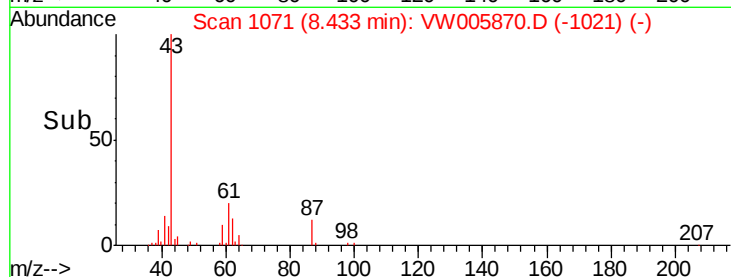
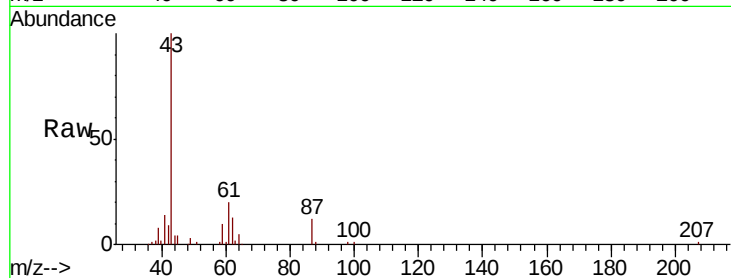
#43
Isopropyl Acetate
Concen: 20.574 ug/l
RT: 8.43 min Scan# 1071
Delta R.T. 0.01 min
Lab File: VW005870.D
Acq: 05 Oct 2018 00:56

Instrument :
MSVOA_W
ClientSampleId :
VW1006SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	30.7	24.1	36.1
87	13.8	10.6	16.0

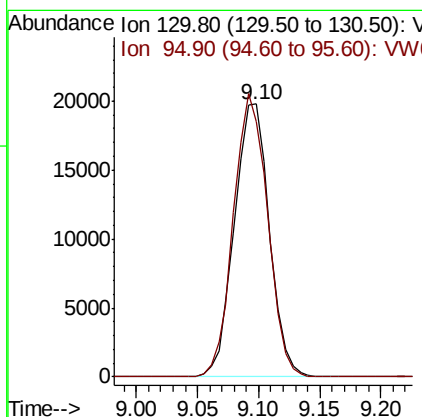
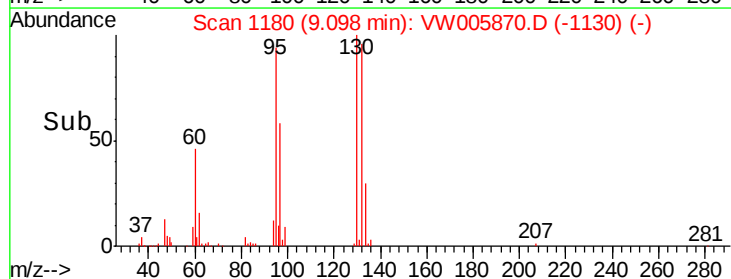
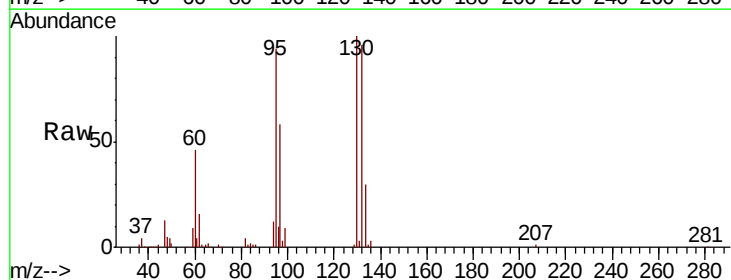
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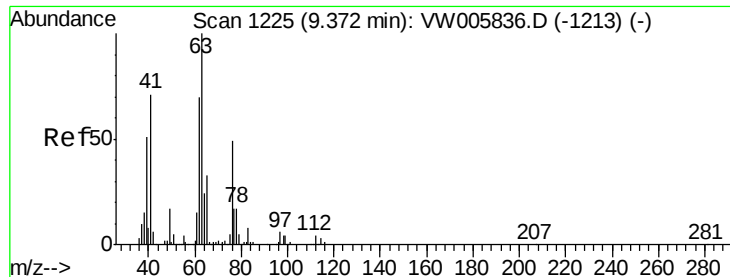
apatel
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#44
Trichloroethene
Concen: 19.061 ug/l
RT: 9.10 min Scan# 1180
Delta R.T. 0.01 min
Lab File: VW005870.D
Acq: 05 Oct 2018 00:56

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.6	0.0	197.6





#45

1,2-Dichloropropane

Concen: 18.656 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.00 min

Lab File: VW005870.D

Acq: 05 Oct 2018 00:56

Instrument :

MSVOA_W

ClientSampleId :

VW1006SBS01

Tot Ion: 63 Resp: 34505

Ion Ratio Lower Upper

63 100

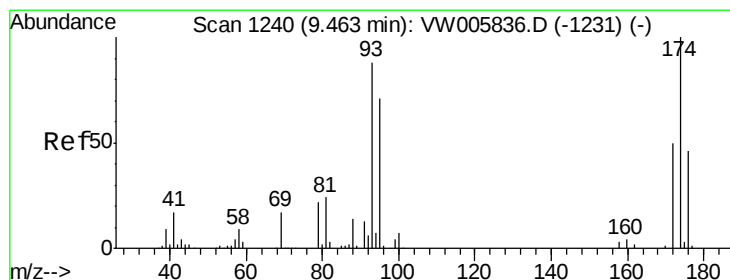
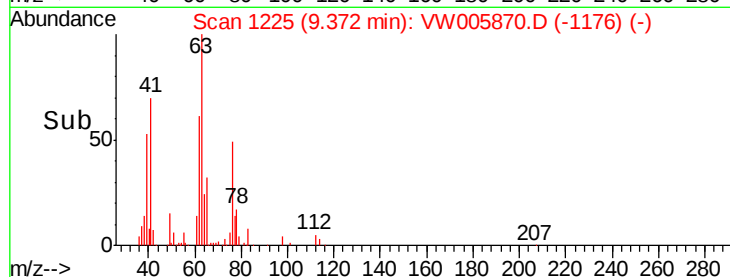
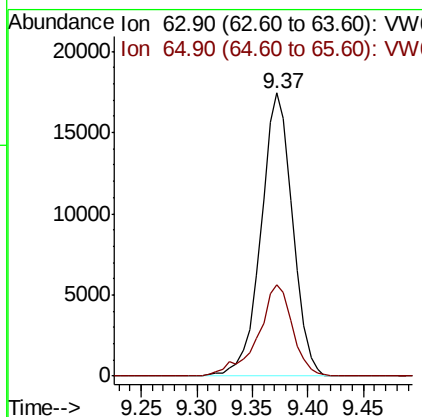
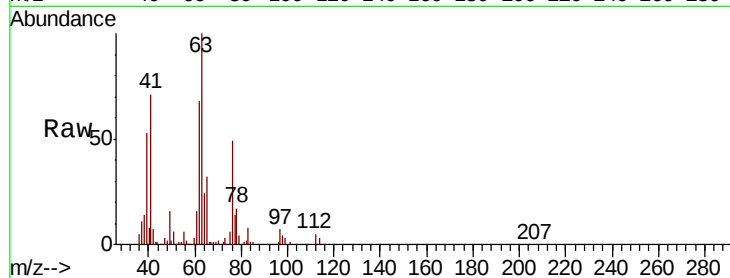
65 32.4 26.1 39.1

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#46

Dibromomethane

Concen: 19.151 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VW005870.D

Acq: 05 Oct 2018 00:56

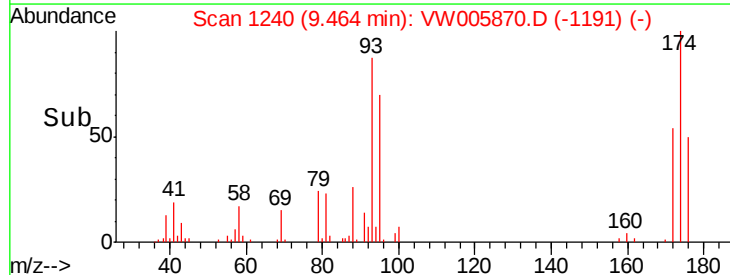
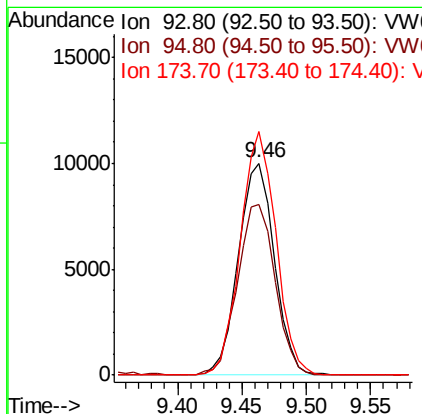
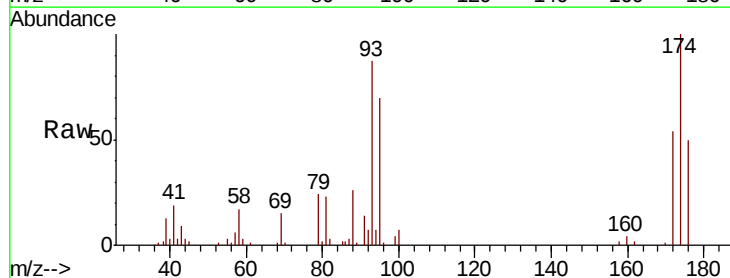
Tgt Ion: 93 Resp: 19372

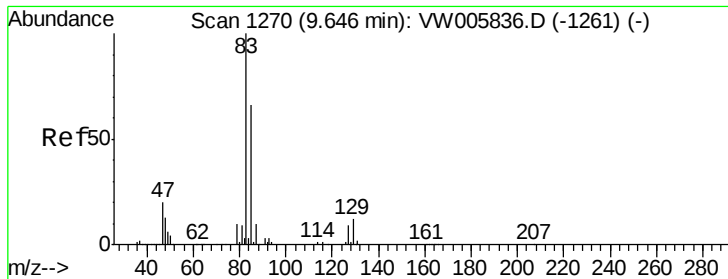
Ion Ratio Lower Upper

93 100

95 84.2 65.9 98.9

174 113.4 88.4 132.6





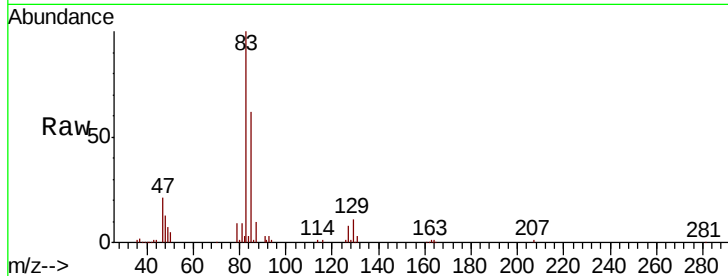
#47
Bromodichloromethane
Concen: 19.050 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW005870.D
Acq: 05 Oct 2018 00:56

Instrument :
MSVOA_W
ClientSampleId :
VW1006SBS01

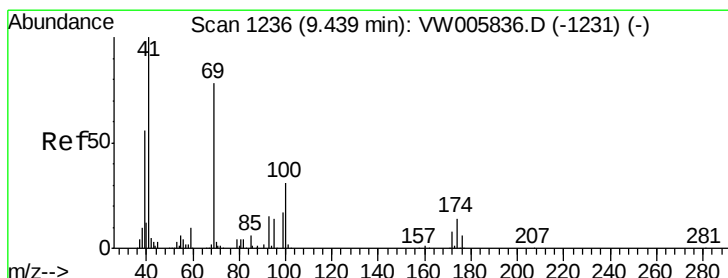
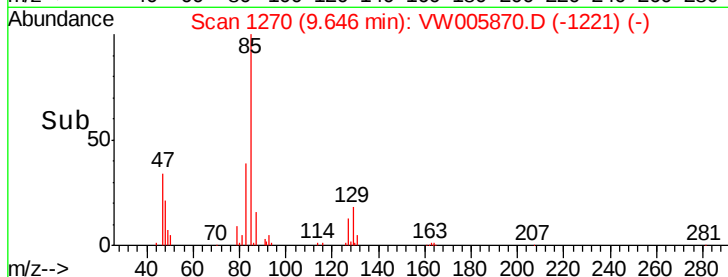
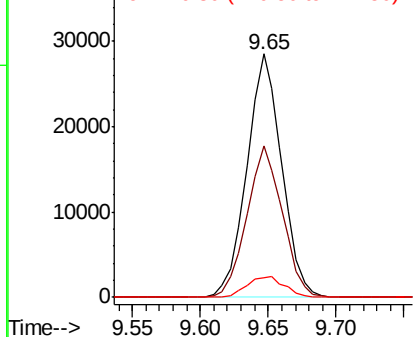
Tot Ion	83	Resp	51001
Ion Ratio	100	Lower	Upper
83	100		
85	62.0	52.6	78.8
127	8.1	7.4	11.0

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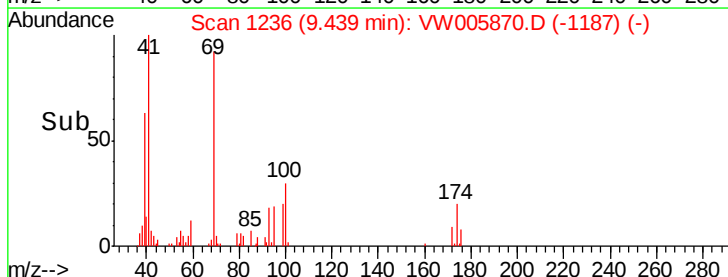
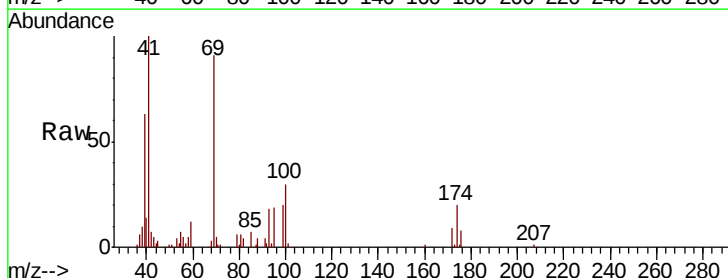
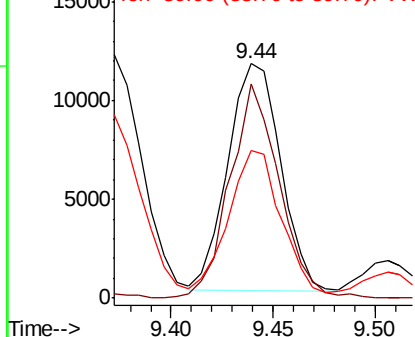
Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V

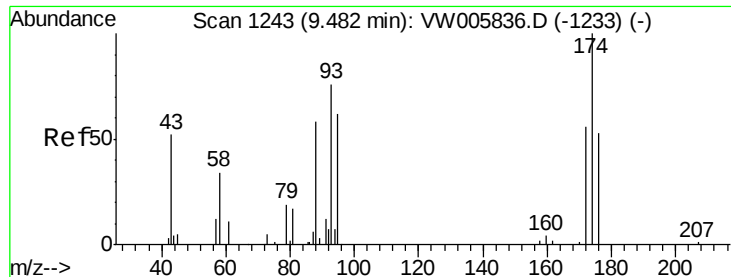


#48
Methyl methacrylate
Concen: 19.209 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW005870.D
Acq: 05 Oct 2018 00:56

Tgt Ion	41	Resp	20619
Ion Ratio	100	Lower	Upper
41	100		
69	88.7	66.4	99.6
39	66.4	50.1	75.1

Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW





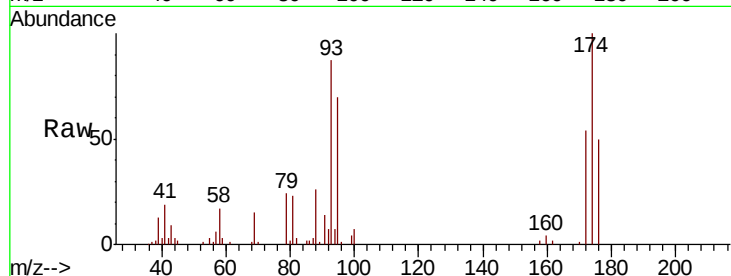
#49
1,4-Dioxane
Concen: 400.445 ug/l
RT: 9.46 min Scan# 1240
Delta R.T. -0.02 min
Lab File: VW005870.D
Acq: 05 Oct 2018 00:56

Instrument :
MSVOA_W
ClientSampleId :
VW1006SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	74.6	58.1	87.1

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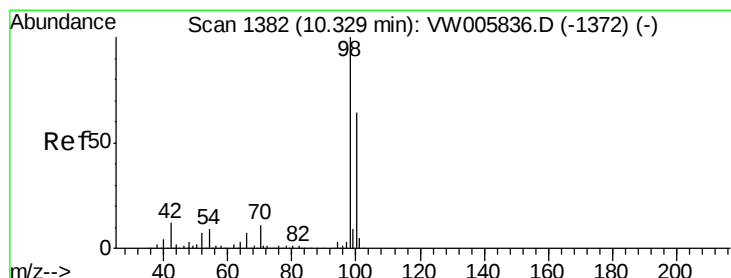
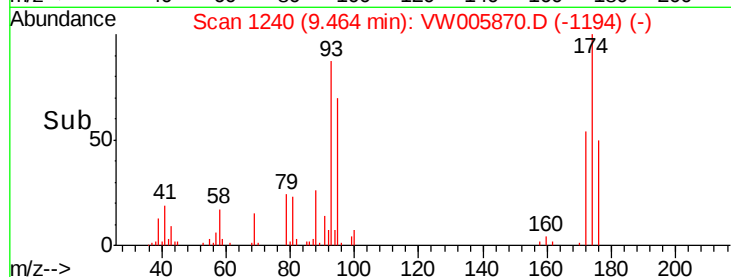
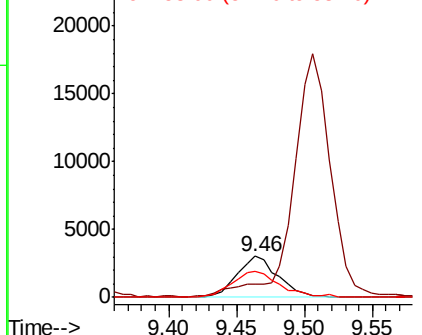


Abundance

Ion 88.00 (87.70 to 88.70): VW

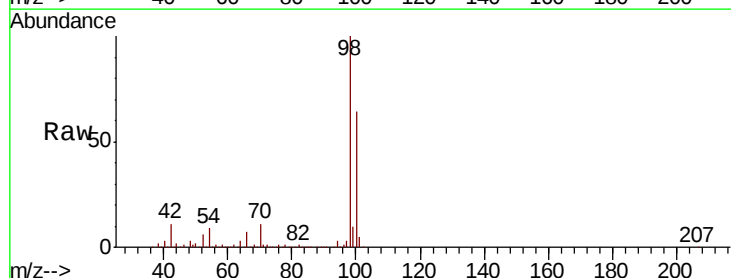
Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50
Toluene-d8
Concen: 54.697 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW005870.D
Acq: 05 Oct 2018 00:56

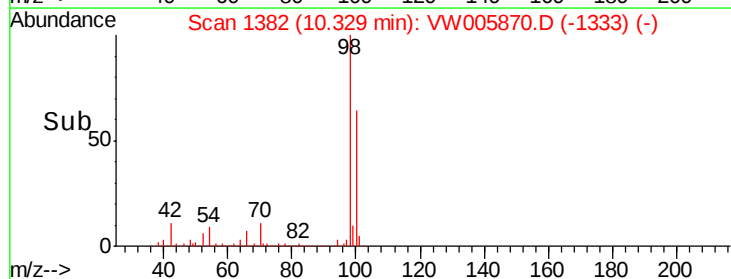
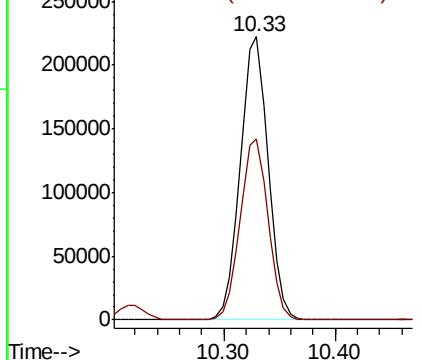
Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.7	77.5

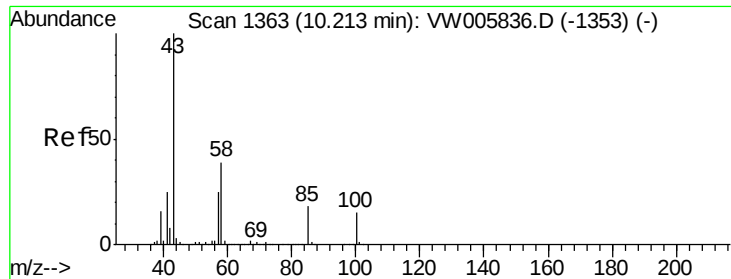


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 109.898 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW005870.D

Acq: 05 Oct 2018 00:56

Instrument :

MSVOA_W

ClientSampleId :

VW1006SBSD01

Tot Ion: 43 Resp: 126757

Ion Ratio Lower Upper

43 100

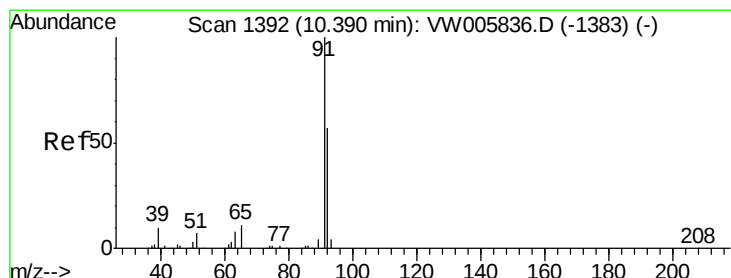
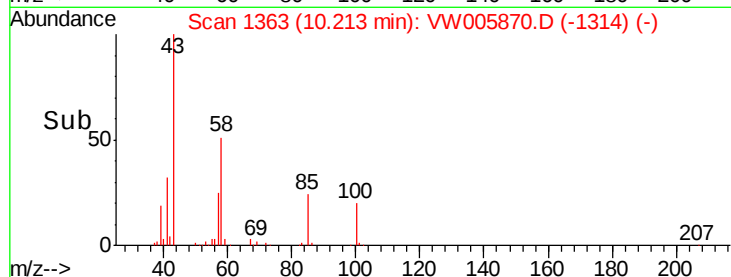
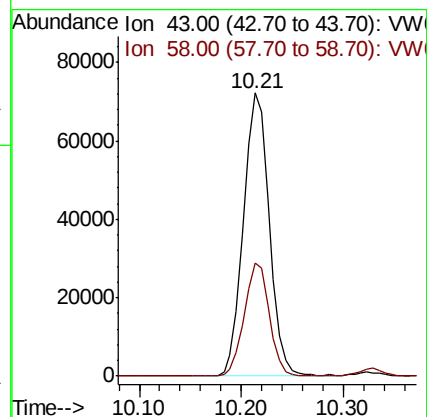
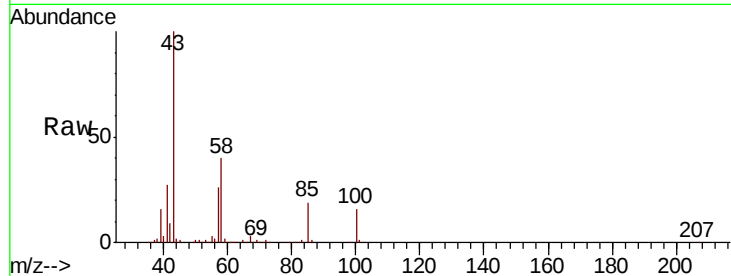
58 38.6 30.6 45.8

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#52

Toluene

Concen: 21.142 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW005870.D

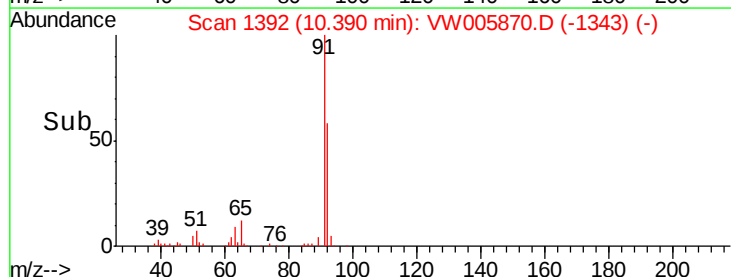
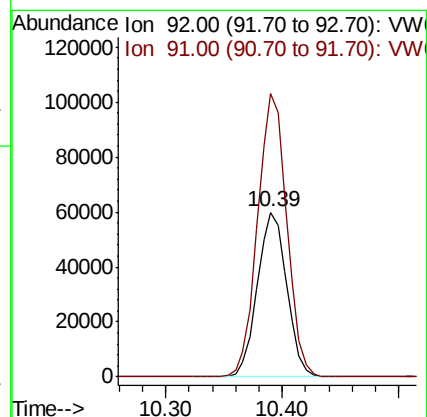
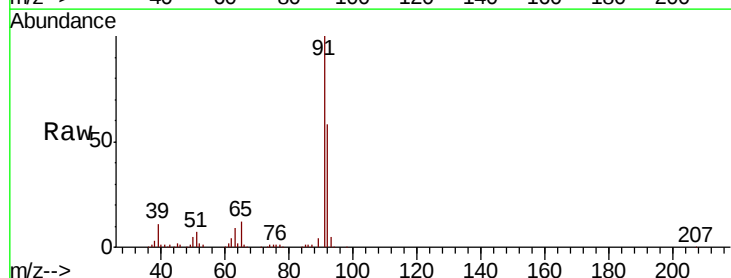
Acq: 05 Oct 2018 00:56

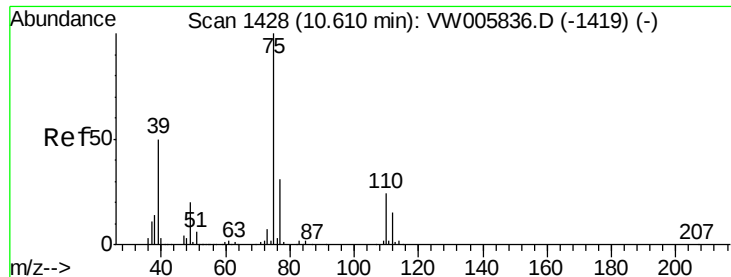
Tgt Ion: 92 Resp: 105250

Ion Ratio Lower Upper

92 100

91 171.7 139.0 208.4





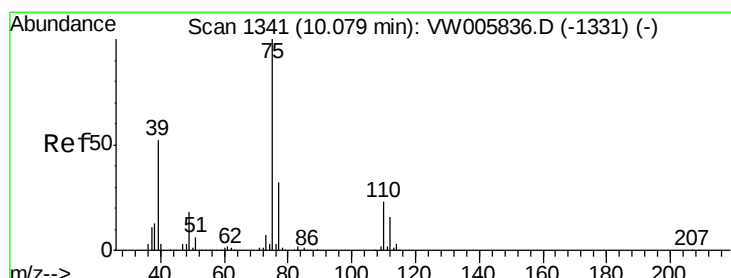
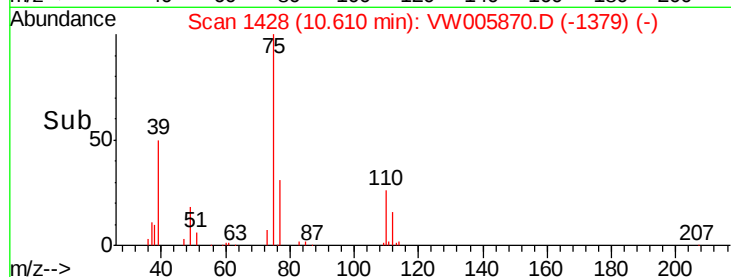
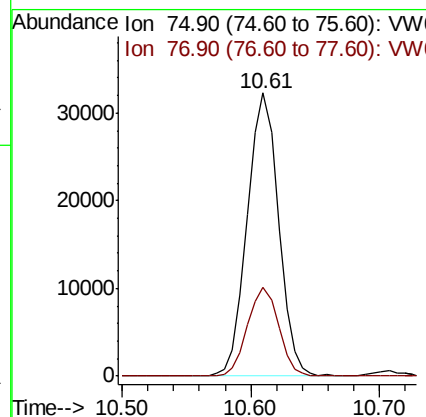
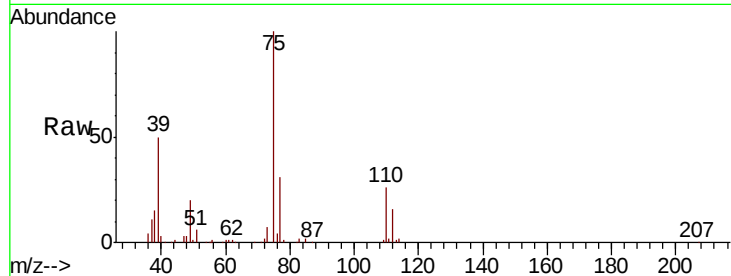
#53
t-1,3-Dichloropropene
Concen: 20.769 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. 0.00 min
Lab File: VW005870.D
Acq: 05 Oct 2018 00:56

Instrument :
MSVOA_W
ClientSampled :
VW1006SBS01

Tot Ion: 75 Resp: 54290
Ion Ratio Lower Upper
75 100
77 31.3 25.0 37.4

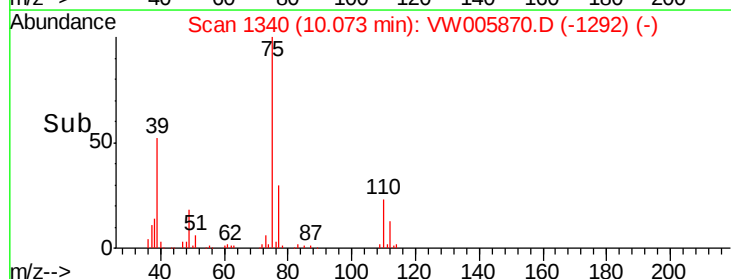
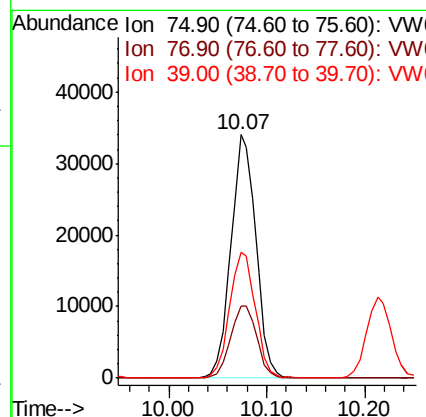
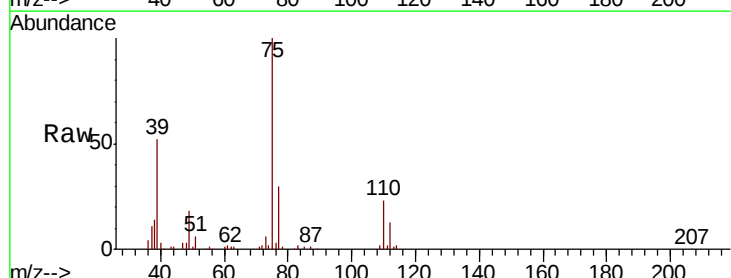
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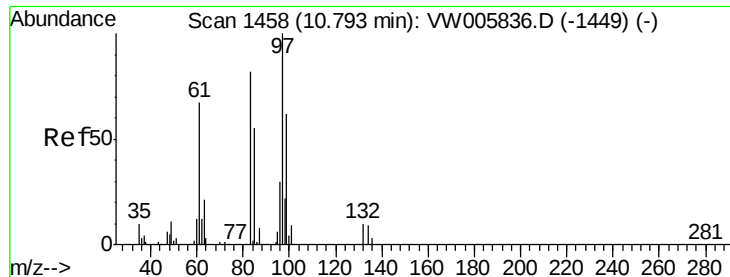
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#54
cis-1,3-Dichloropropene
Concen: 20.566 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.01 min
Lab File: VW005870.D
Acq: 05 Oct 2018 00:56

Tgt Ion: 75 Resp: 60188
Ion Ratio Lower Upper
75 100
77 29.6 25.4 38.2
39 51.9 41.9 62.9





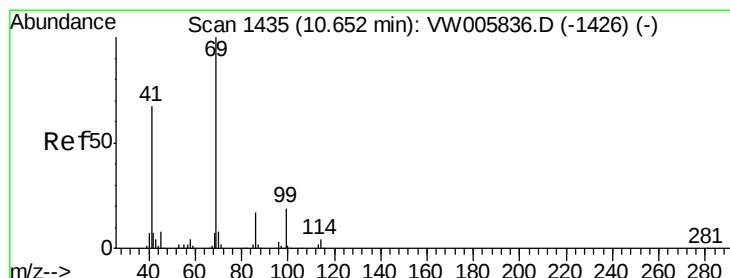
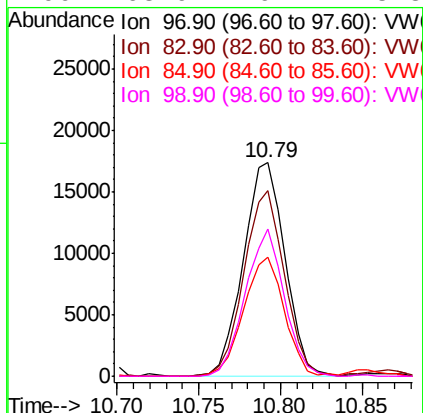
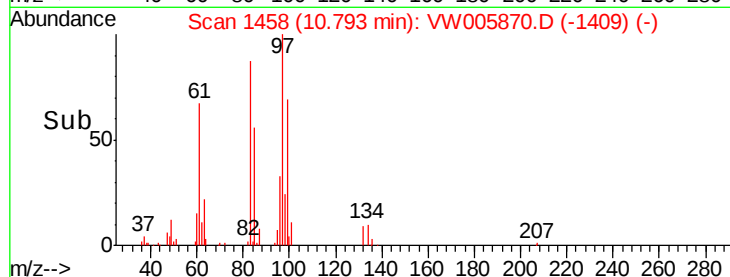
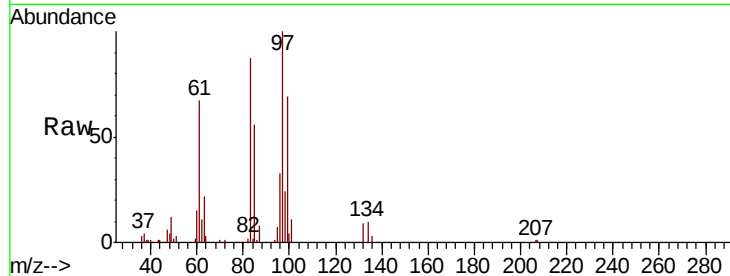
#55
 1,1,2-Trichloroethane
 Concen: 21.137 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW005870.D
 Acq: 05 Oct 2018 00:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1006SBS01

Tot Ion:	97	Resp:	30888
Ion	Ratio	Lower	Upper
97	100		
83	86.7	65.9	98.9
85	55.5	44.2	66.2
99	68.9	49.2	73.8

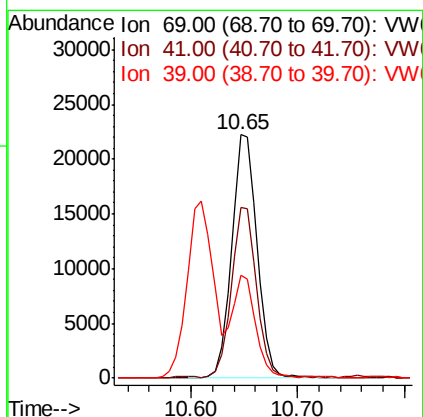
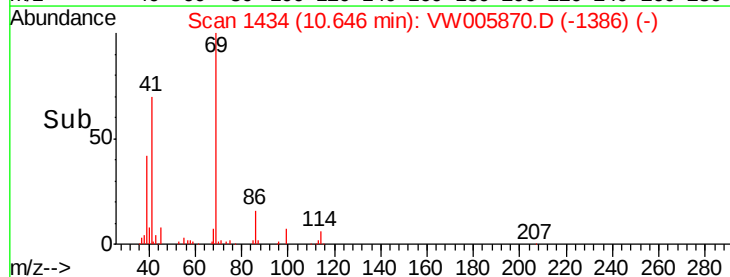
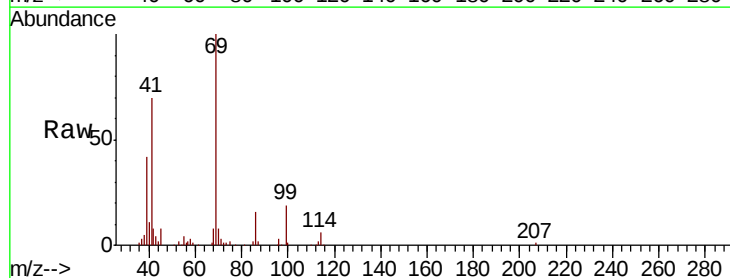
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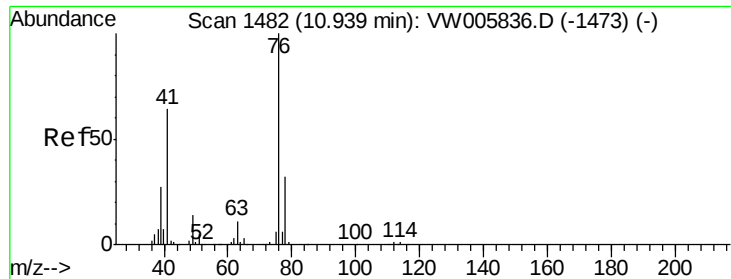
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#56
 Ethyl methacrylate
 Concen: 21.348 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: VW005870.D
 Acq: 05 Oct 2018 00:56

Tgt Ion:	69	Resp:	37362
Ion	Ratio	Lower	Upper
69	100		
41	68.4	55.8	83.6
39	39.3	29.3	43.9





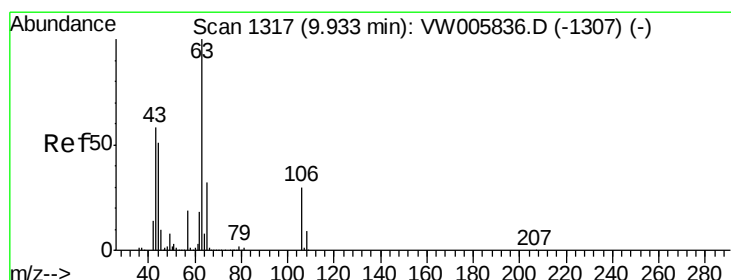
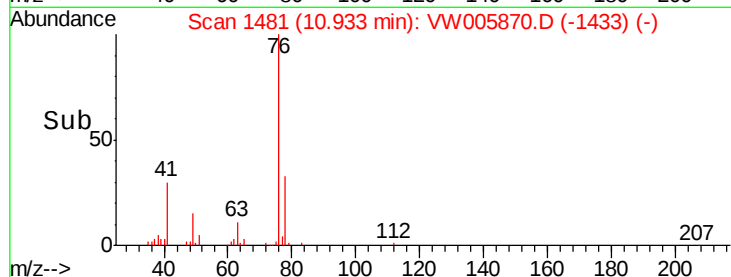
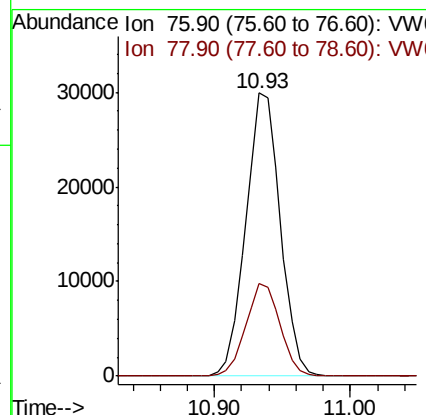
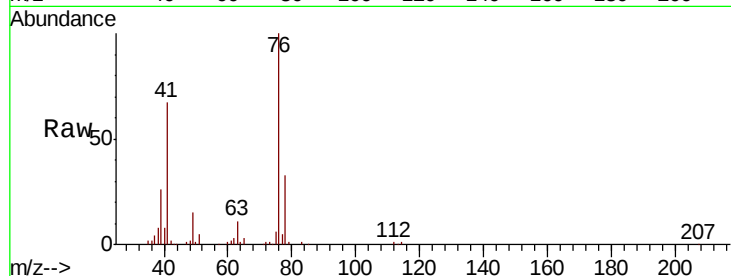
#57
 1,3-Dichloropropane
 Concen: 21.288 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: VW005870.D
 Acq: 05 Oct 2018 00:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1006SBS01

Tot Ion: 76 Resp: 52961
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.4 38.0

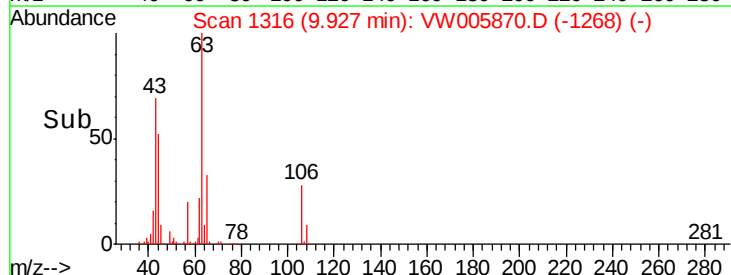
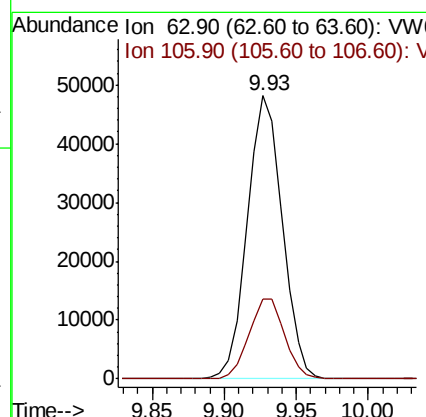
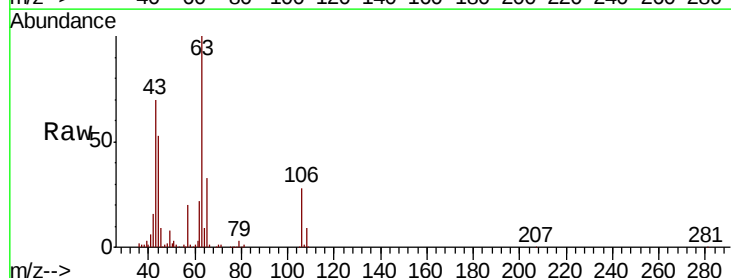
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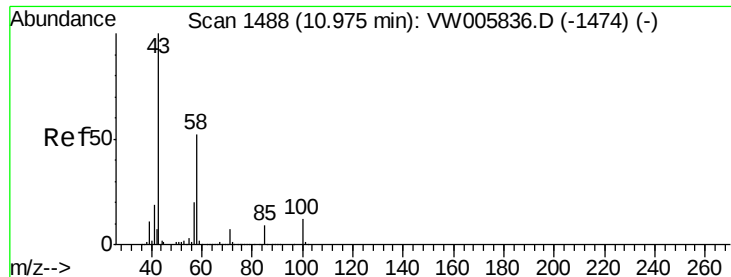
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#58
 2-Chloroethyl Vinyl ether
 Concen: 112.184 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: VW005870.D
 Acq: 05 Oct 2018 00:56

Tgt Ion: 63 Resp: 80717
 Ion Ratio Lower Upper
 63 100
 106 28.9 23.7 35.5





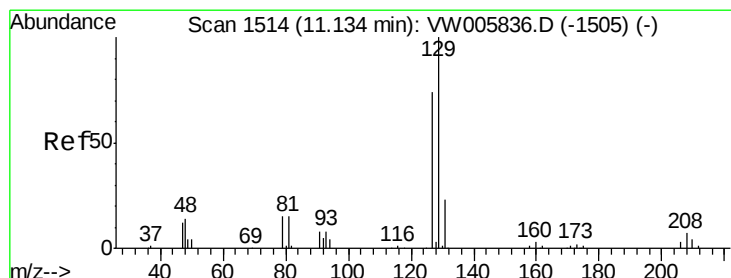
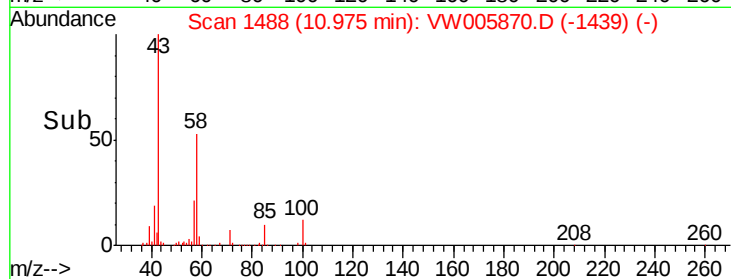
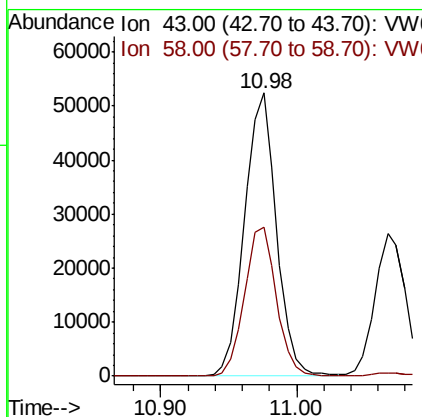
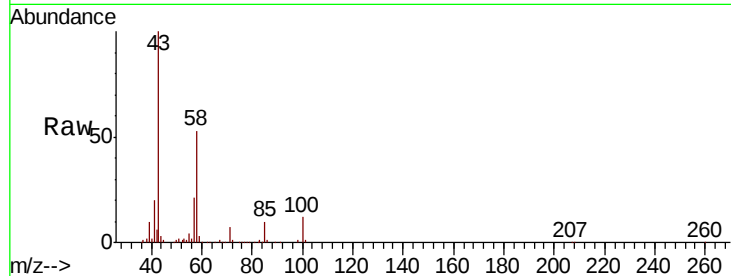
#59
2-Hexanone
Concen: 111.202 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW005870.D
Acq: 05 Oct 2018 00:56

Instrument :
MSVOA_W
ClientSampleId :
VW1006SBS01

Tot Ion: 43 Resp: 85788
Ion Ratio Lower Upper
43 100
58 52.8 25.9 77.7

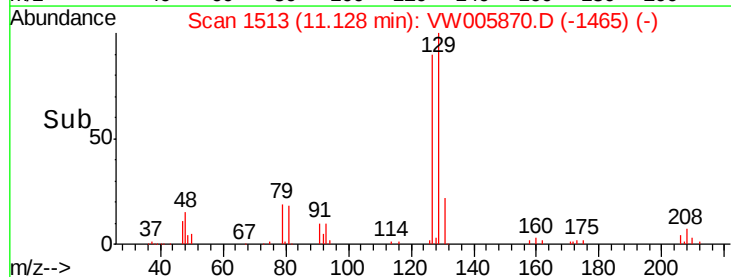
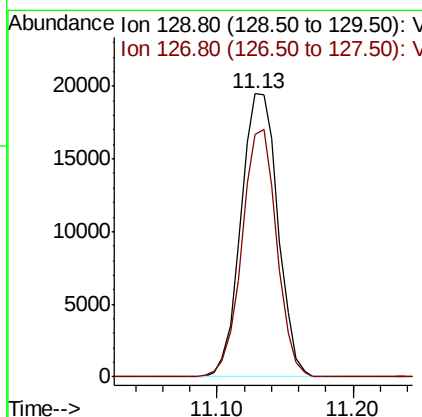
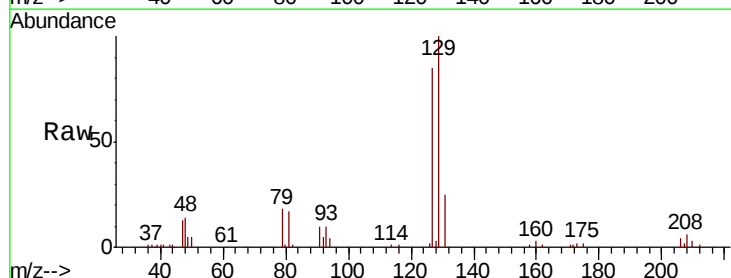
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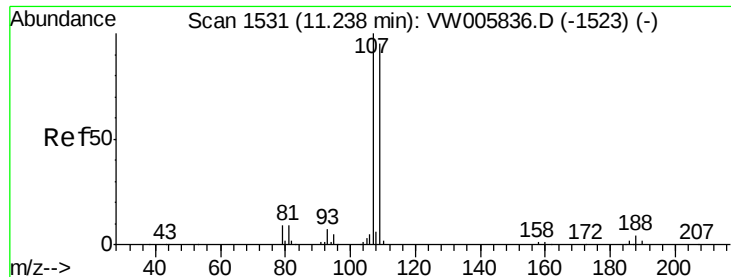
apatel
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#60
Dibromochloromethane
Concen: 20.270 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW005870.D
Acq: 05 Oct 2018 00:56

Tgt Ion: 129 Resp: 36978
Ion Ratio Lower Upper
129 100
127 82.4 37.2 111.6





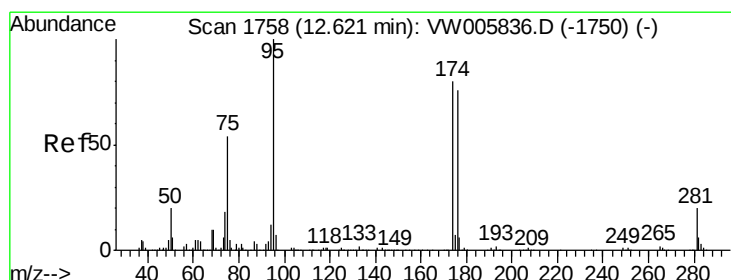
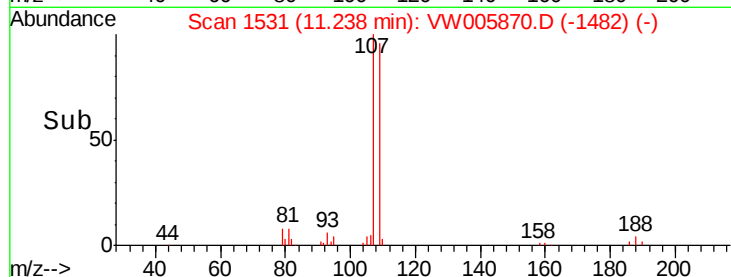
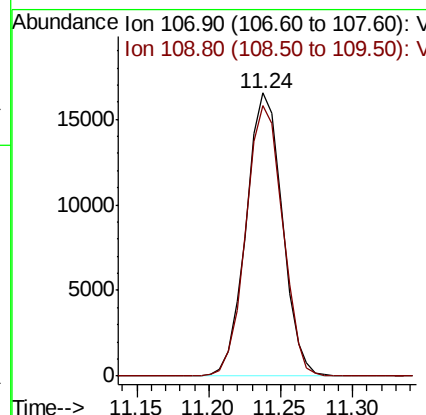
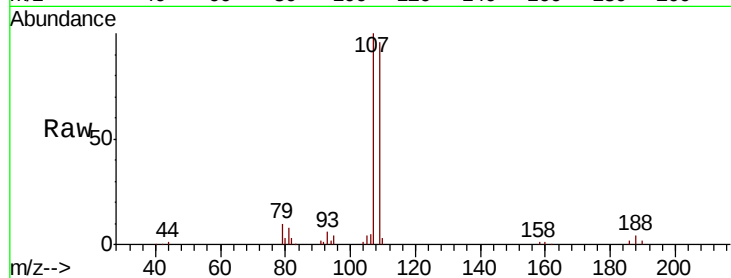
#61
 1,2-Dibromoethane
 Concen: 21.151 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW005870.D
 Acq: 05 Oct 2018 00:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1006SBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	96.7	76.6	114.8

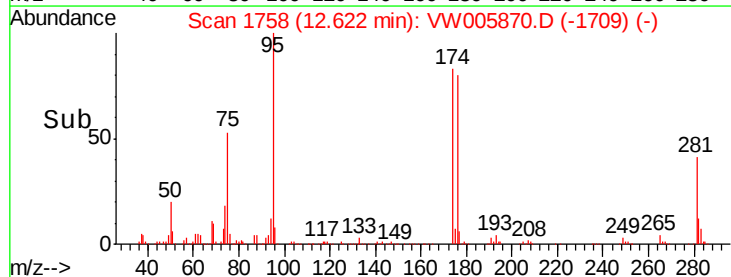
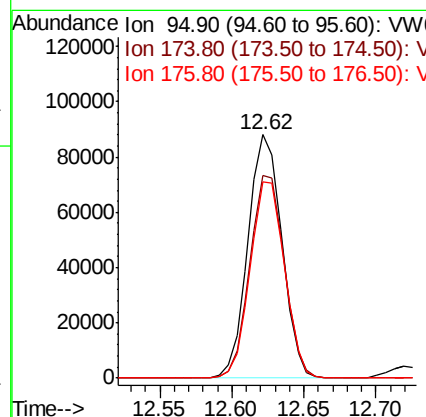
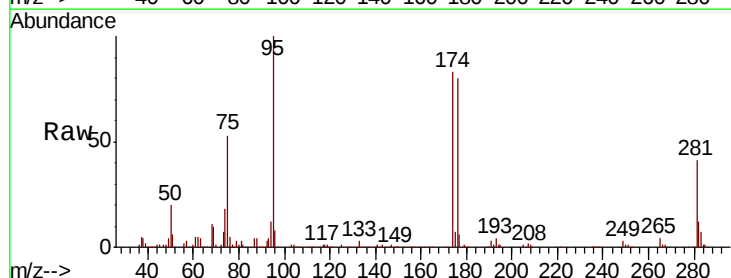
Manual Integrations
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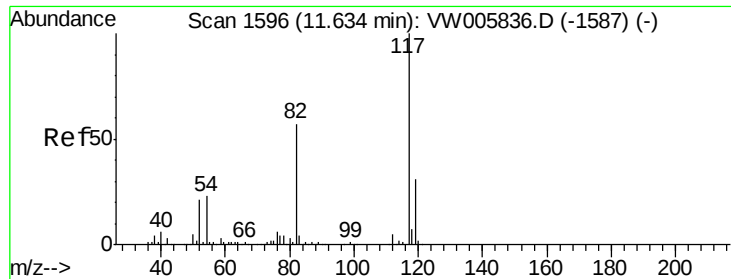
apatel
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#62
 4-Bromofluorobenzene
 Concen: 54.786 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW005870.D
 Acq: 05 Oct 2018 00:56

Tgt Ion	Ratio	Lower	Upper
95	100		
174	84.7	0.0	169.0
176	81.7	0.0	164.2





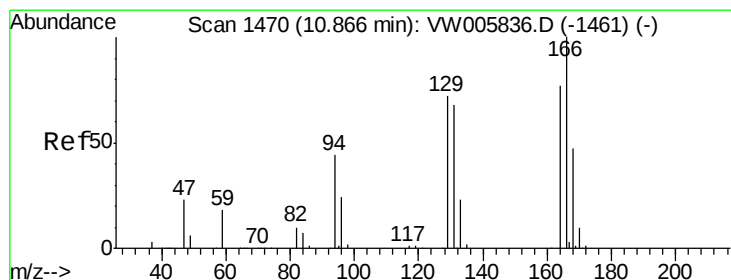
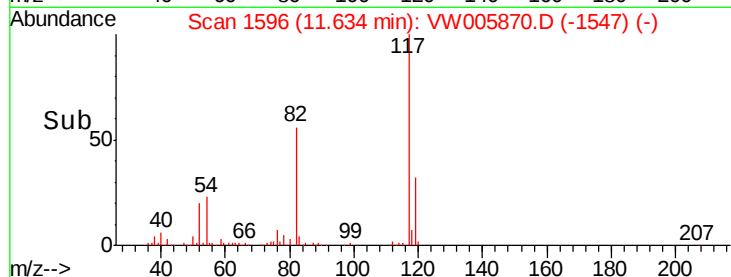
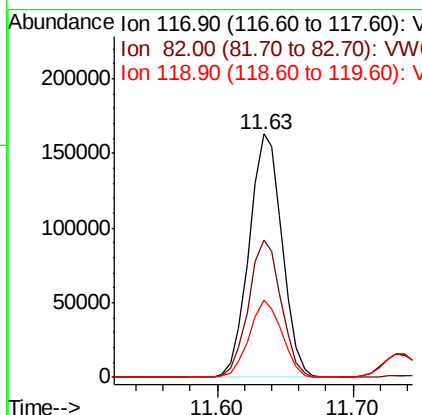
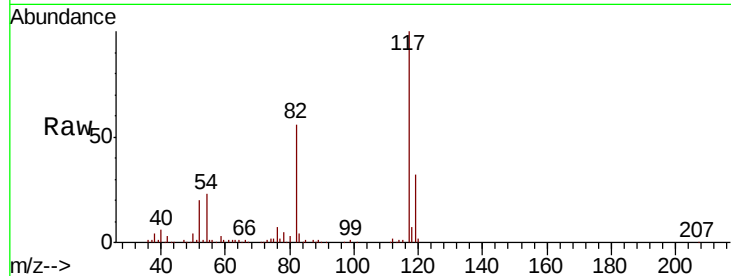
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW005870.D
Acq: 05 Oct 2018 00:56

Instrument :
MSVOA_W
ClientSampleId :
VW1006SBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.4	45.6	68.4
119	31.5	25.0	37.6

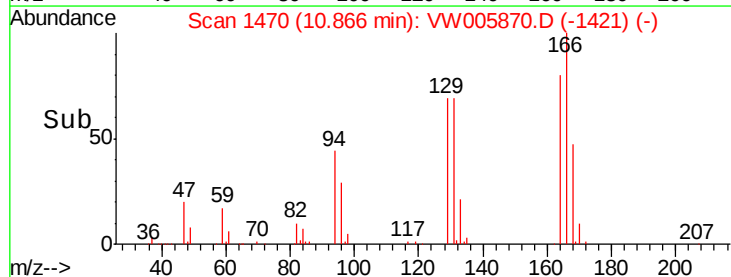
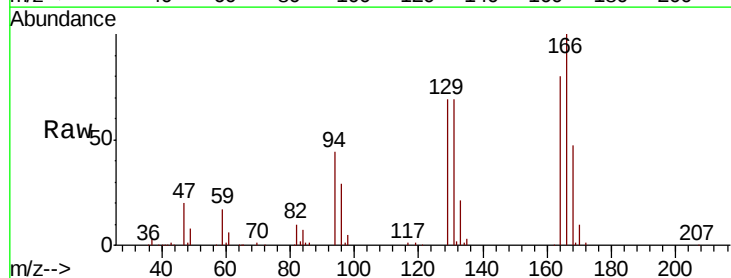
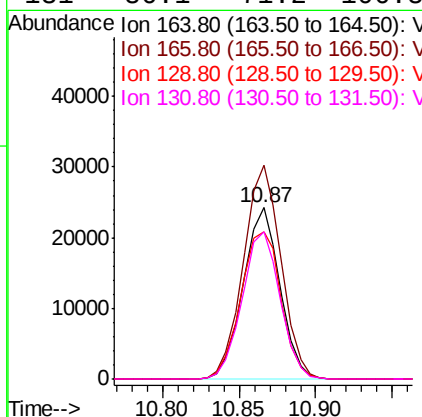
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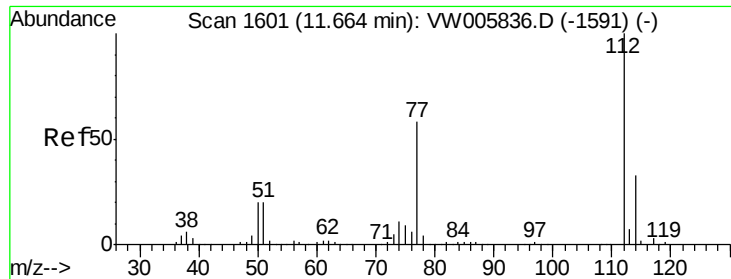
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#64
Tetrachloroethene
Concen: 18.711 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW005870.D
Acq: 05 Oct 2018 00:56

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.7	104.0	156.0
129	86.3	74.8	112.2
131	86.1	71.2	106.8





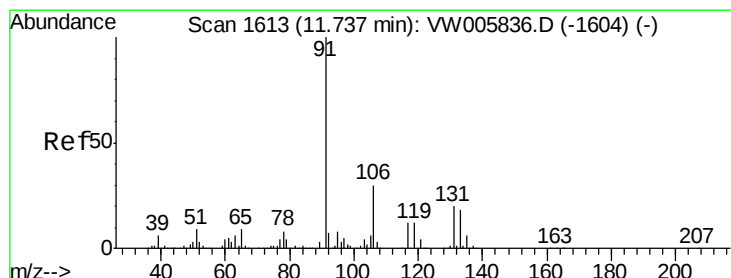
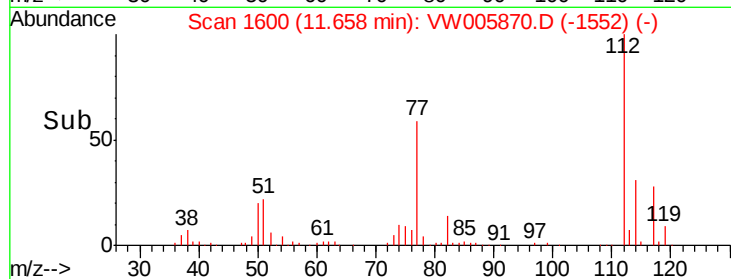
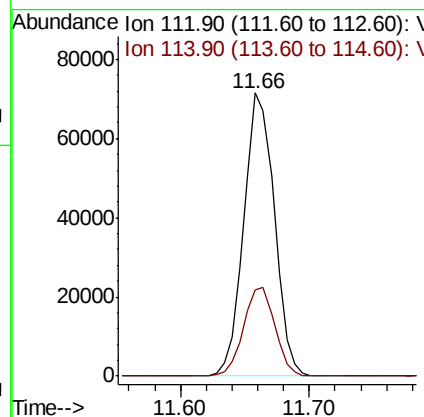
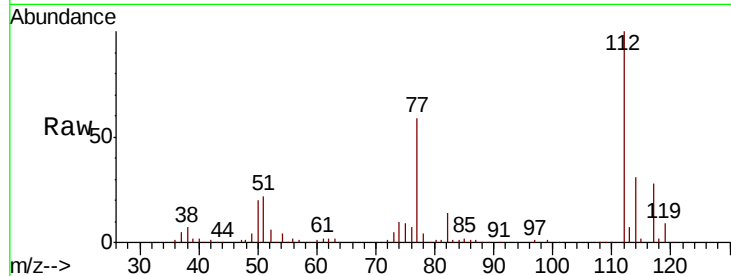
#65
Chlorobenzene
Concen: 19.384 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VW005870.D
Acq: 05 Oct 2018 00:56

Instrument :
MSVOA_W
ClientSampleId :
VW1006SBS01

Tot Ion:112 Resp: 117305
Ion Ratio Lower Upper
112 100
114 30.5 26.1 39.1

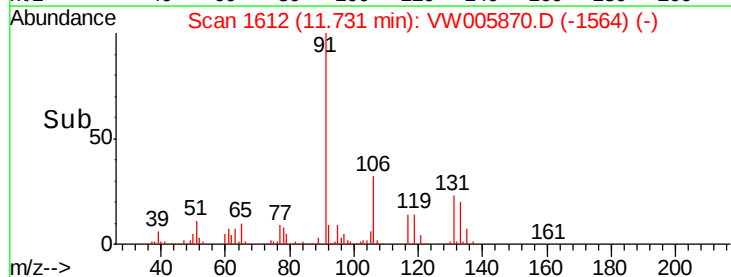
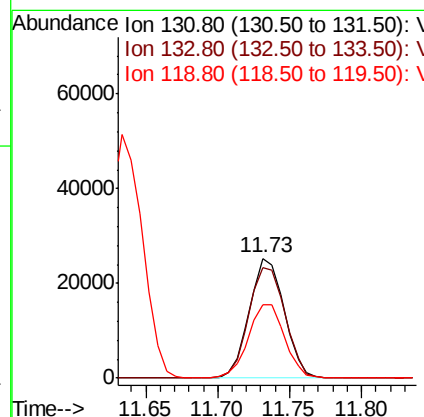
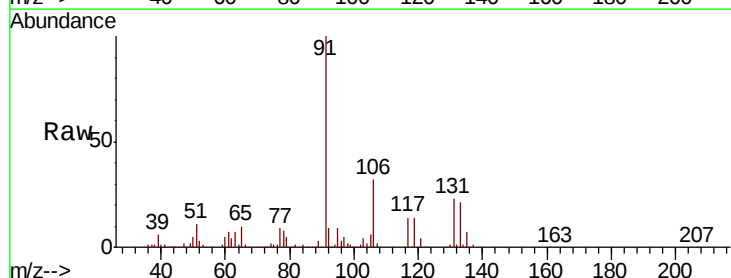
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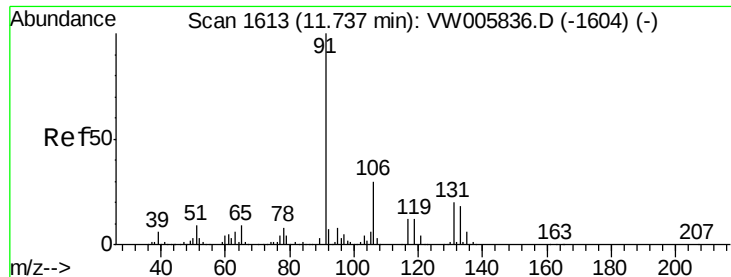
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.962 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW005870.D
Acq: 05 Oct 2018 00:56

Tgt Ion:131 Resp: 42534
Ion Ratio Lower Upper
131 100
133 96.0 47.0 141.0
119 63.4 30.4 91.2





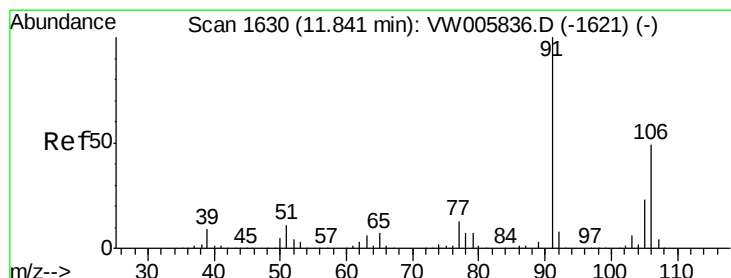
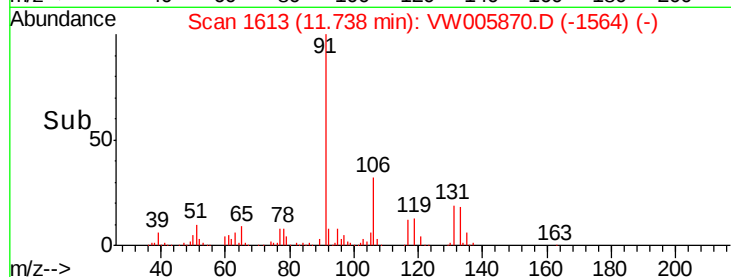
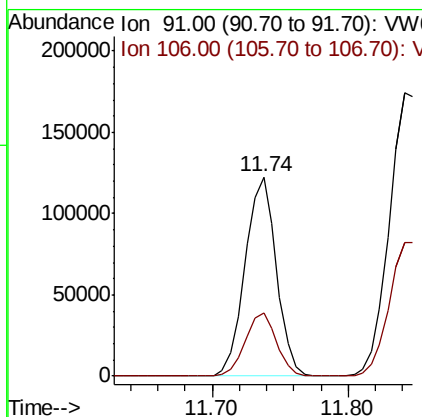
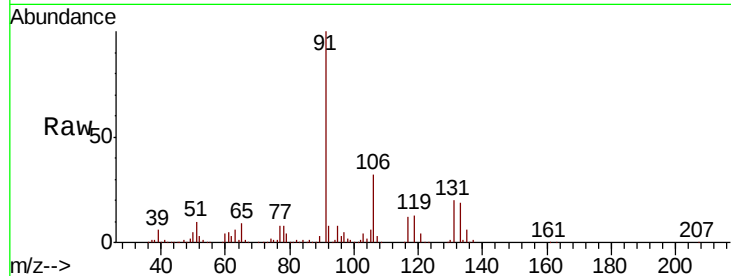
#67
Ethyl Benzene
Concen: 18.993 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW005870.D
Acq: 05 Oct 2018 00:56

Instrument :
MSVOA_W
ClientSampled :
VW1006SBS01

Tot Ion: 91 Resp: 196818
Ion Ratio Lower Upper
91 100
106 31.9 24.3 36.5

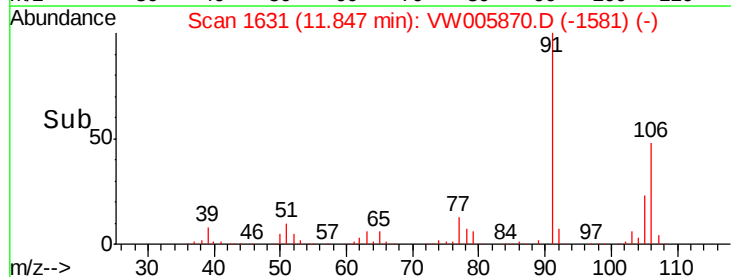
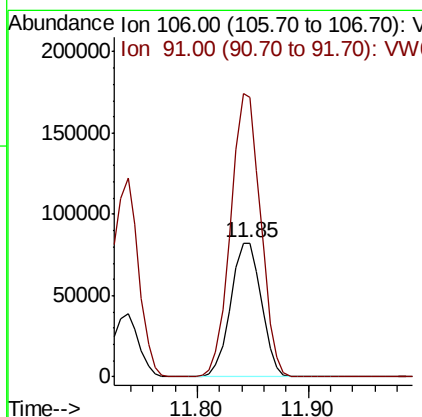
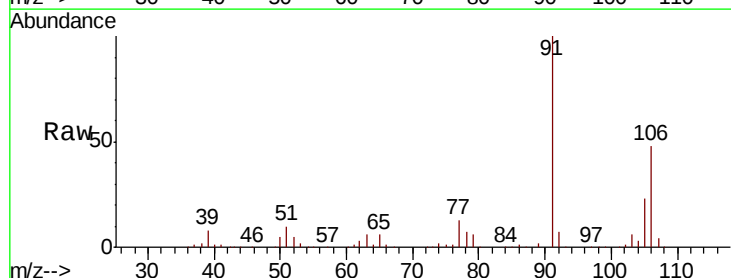
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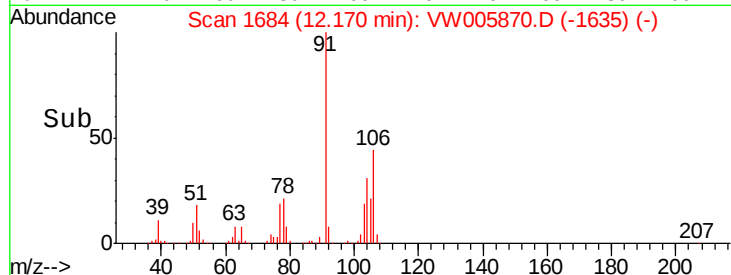
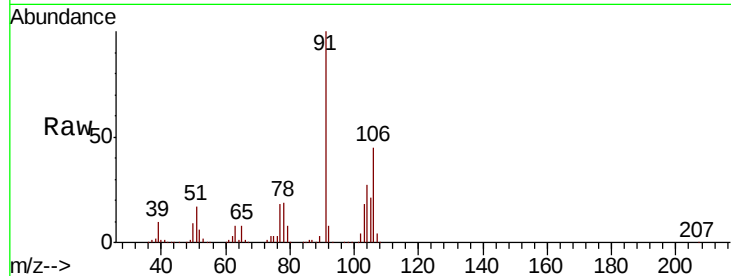
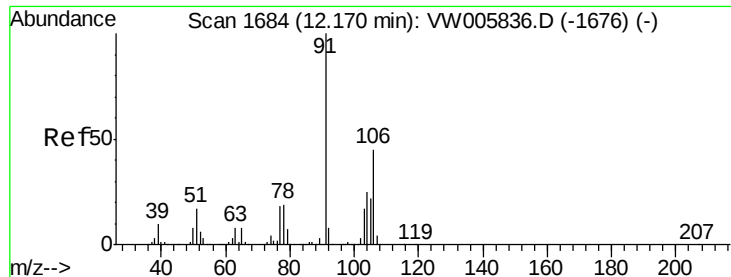
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#68
m/p-Xylenes
Concen: 39.377 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.01 min
Lab File: VW005870.D
Acq: 05 Oct 2018 00:56

Tgt Ion: 106 Resp: 157235
Ion Ratio Lower Upper
106 100
91 205.8 165.4 248.0





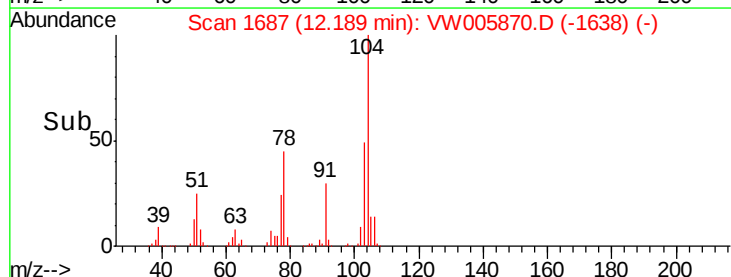
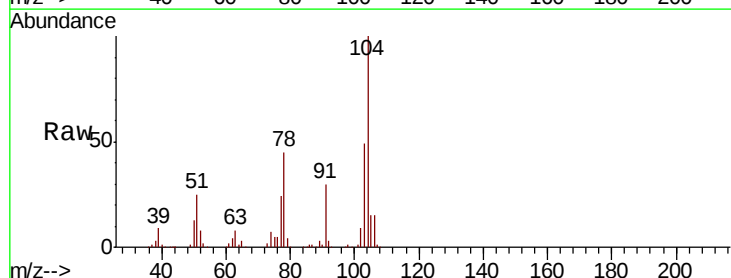
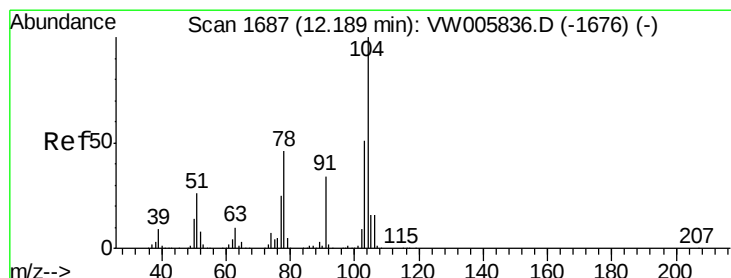
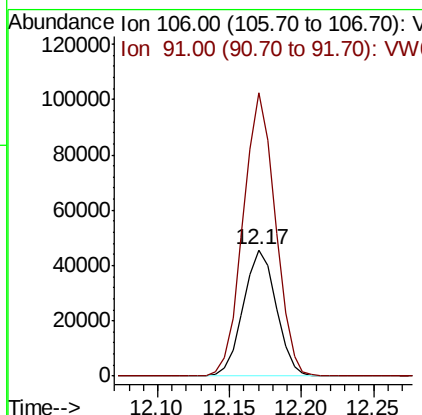
#69
o-Xylene
Concen: 19.432 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW005870.D
Acq: 05 Oct 2018 00:56

Tot Ion:106 Resp: 72120
Ion Ratio Lower Upper
106 100
91 220.4 109.7 329.1

Instrument :
MSVOA_W
ClientSampleId :
VW1006SBS01

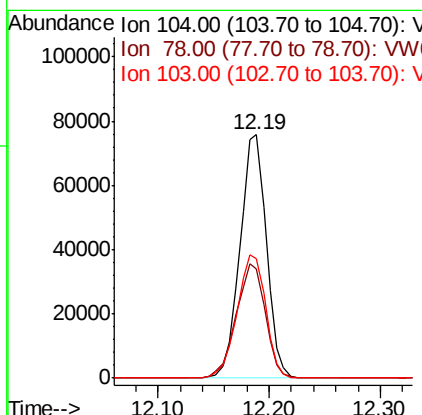
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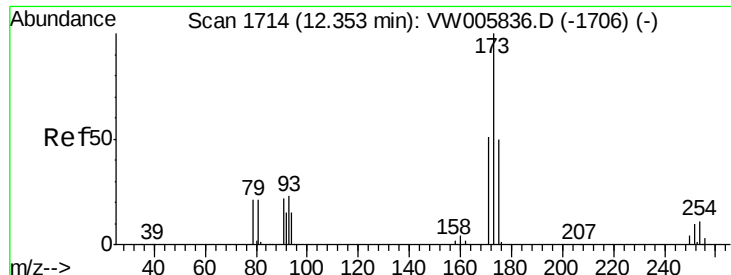
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#70
Styrene
Concen: 19.869 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VW005870.D
Acq: 05 Oct 2018 00:56

Tgt Ion:104 Resp: 125083
Ion Ratio Lower Upper
104 100
78 51.6 42.3 63.5
103 54.7 44.9 67.3





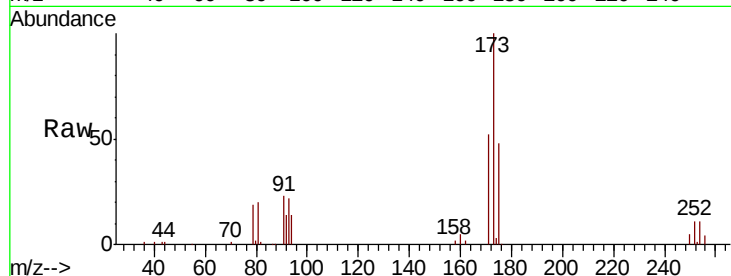
#71
Bromoform
Concen: 19.310 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VW005870.D
Acq: 05 Oct 2018 00:56

Instrument :
MSVOA_W
ClientSampleId :
VW1006SBS01

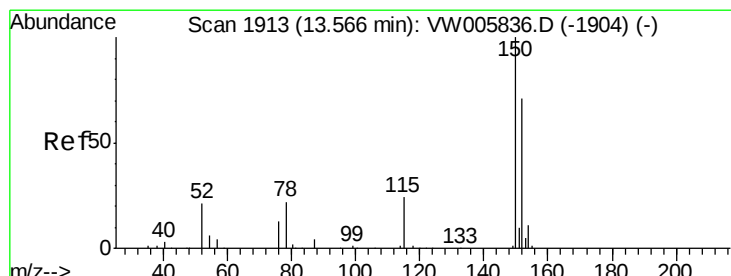
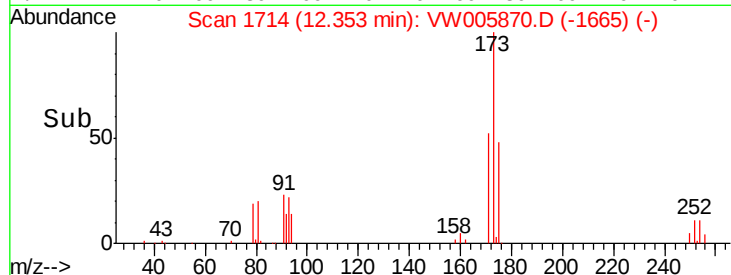
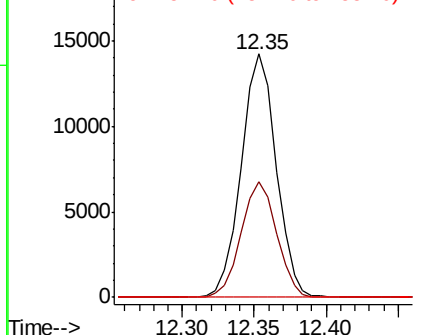
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.3	72.9
254	0.0	0.1	0.1#

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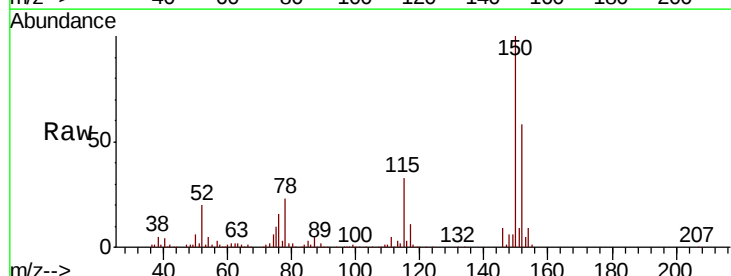


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

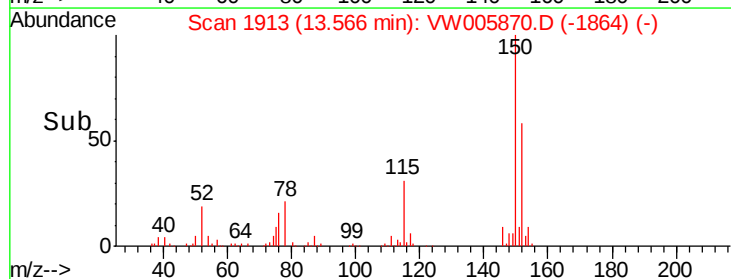
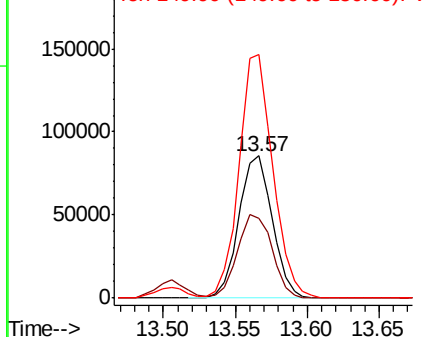


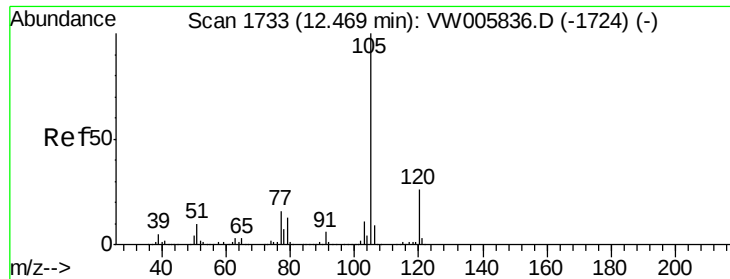
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW005870.D
Acq: 05 Oct 2018 00:56

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.9	29.8	89.4
150	172.8	0.0	349.4



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: 21.485 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW005870.D

Acq: 05 Oct 2018 00:56

Instrument :

MSVOA_W

ClientSampleId :

VW1006SBS01

Tot Ion:105 Resp: 203655

Ion Ratio Lower Upper

105 100

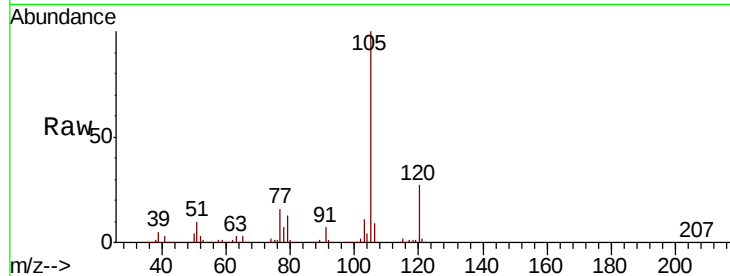
120 26.6 12.9 38.7

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

150000

120000

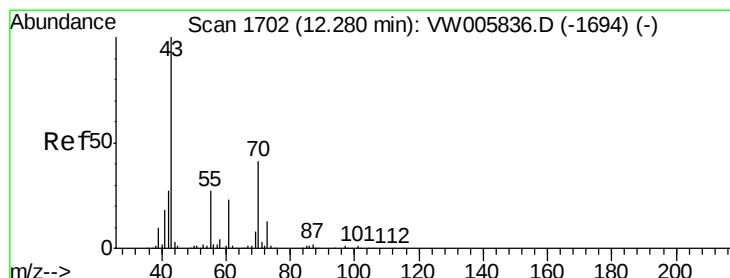
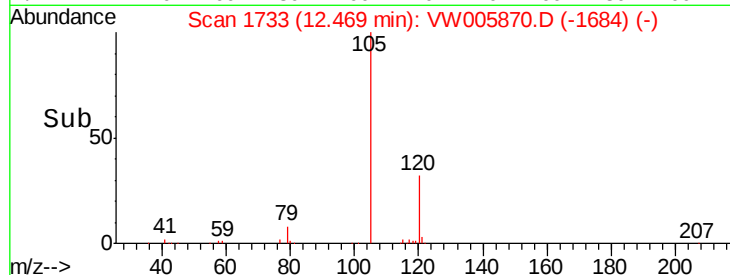
100000

50000

0

12.40 12.47 12.50

Time-->



#74

N-ethyl acetate

Concen: 22.389 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VW005870.D

Acq: 05 Oct 2018 00:56

Tgt Ion: 43 Resp: 46186

Ion Ratio Lower Upper

43 100

70 42.5 33.6 50.4

55 27.0 21.8 32.6

61 23.2 18.6 28.0

Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

40000

30000

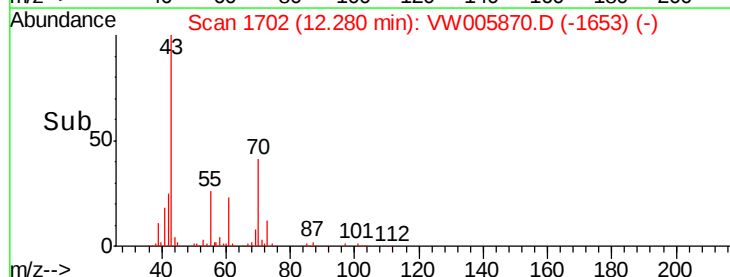
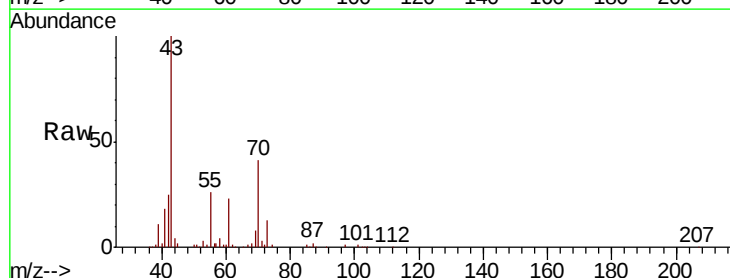
20000

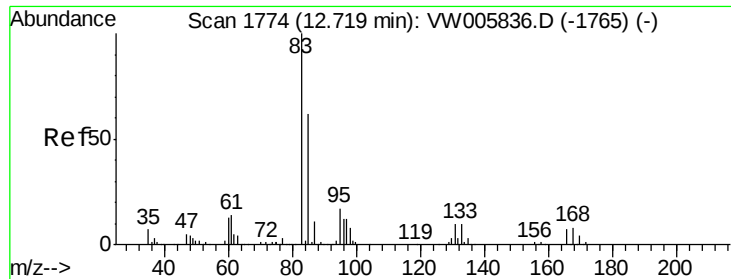
10000

0

12.20 12.28 12.30

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 22.761 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW005870.D

Acq: 05 Oct 2018 00:56

Instrument :

MSVOA_W

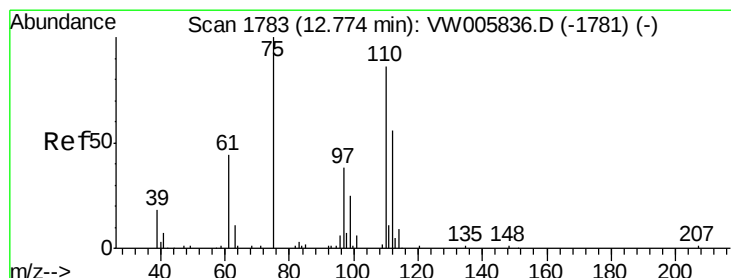
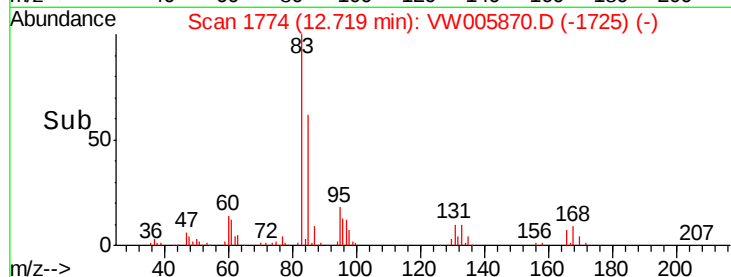
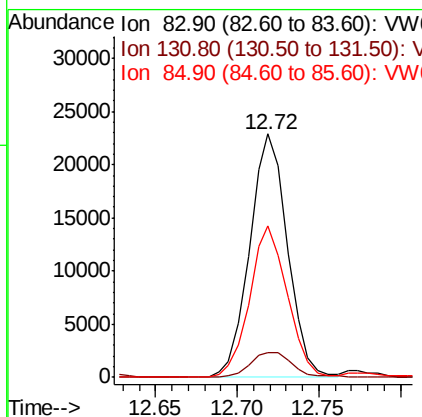
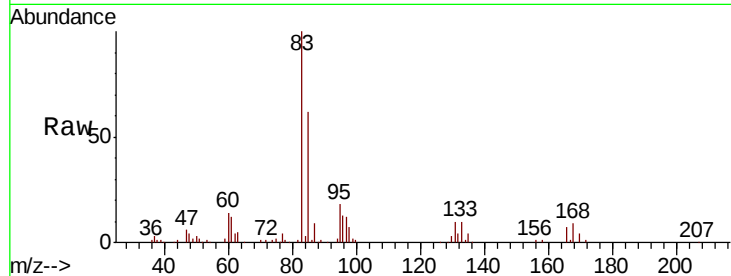
ClientSampleId :

VW1006SBS01

Tot Ion:	83	Resp:	37018
Ion Ratio	Lower	Upper	
83	100		
131	11.5	5.9	17.6
85	61.9	31.8	95.3

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#76

1,2,3-Trichloropropane

Concen: 19.861 ug/l m

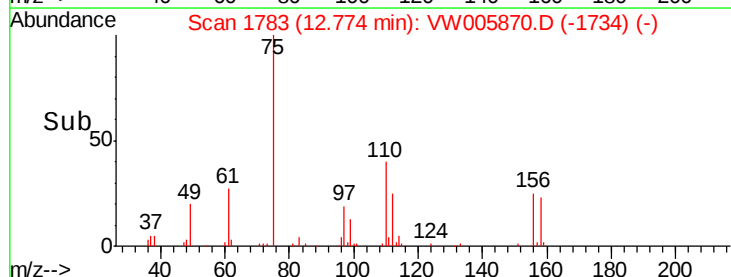
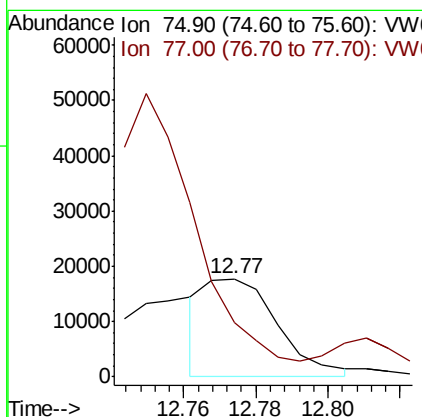
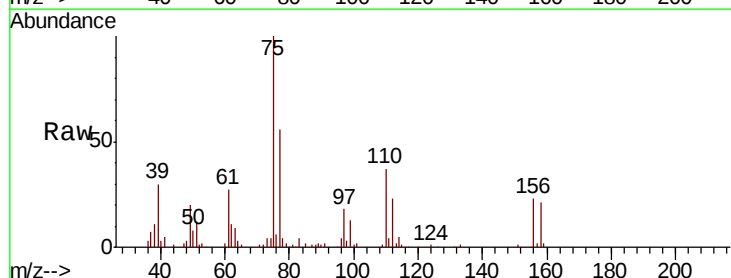
RT: 12.77 min Scan# 1783

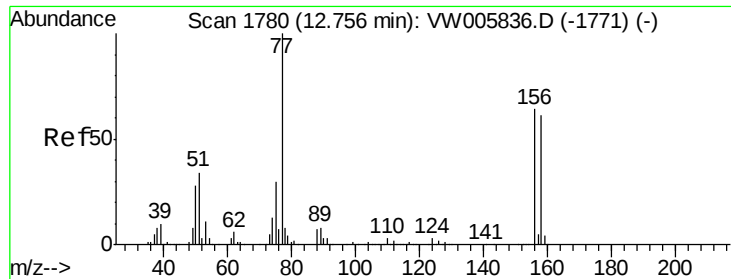
Delta R.T. 0.00 min

Lab File: VW005870.D

Acq: 05 Oct 2018 00:56

Tgt Ion:	75	Resp:	24867
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.367 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.01 min

Lab File: VW005870.D

Acq: 05 Oct 2018 00:56

Instrument :

MSVOA_W

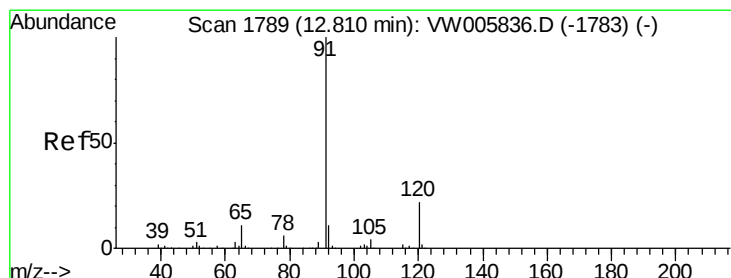
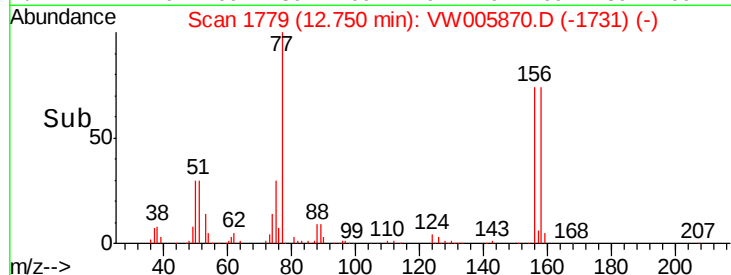
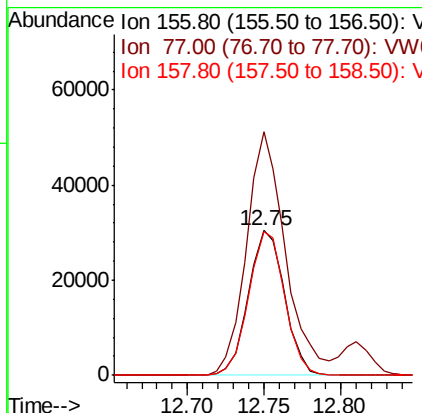
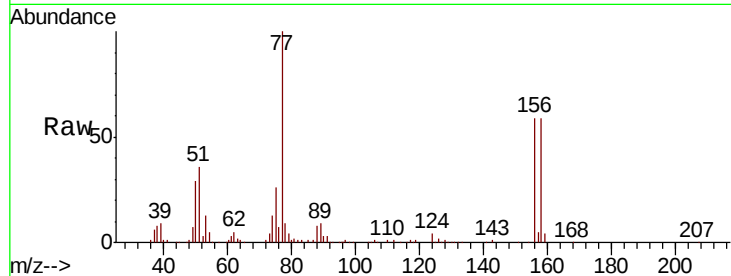
ClientSampleId :

VW1006SBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	181.4	91.0	273.1
158	98.8	48.4	145.2

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#78

n-propylbenzene

Concen: 21.983 ug/l

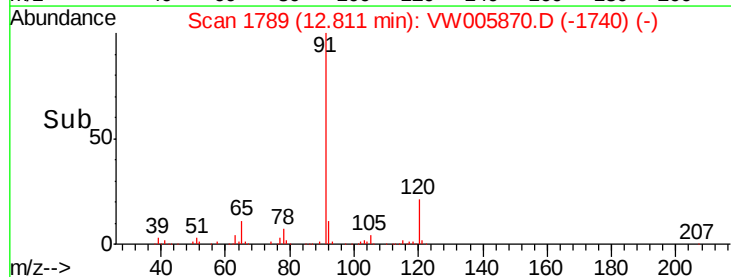
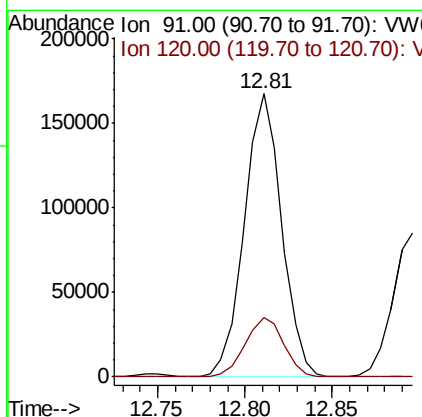
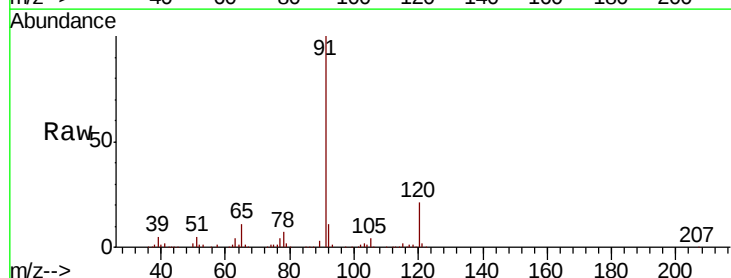
RT: 12.81 min Scan# 1789

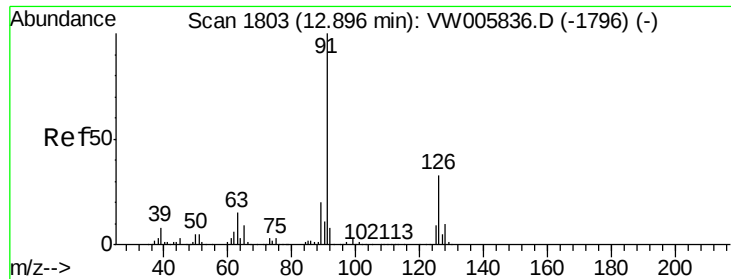
Delta R.T. 0.00 min

Lab File: VW005870.D

Acq: 05 Oct 2018 00:56

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.7	11.3	33.9





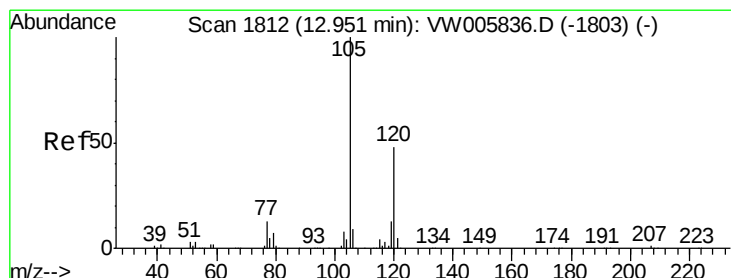
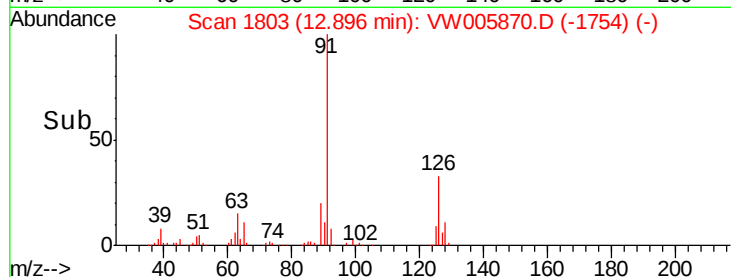
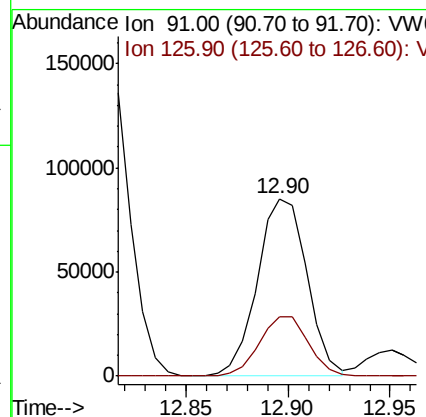
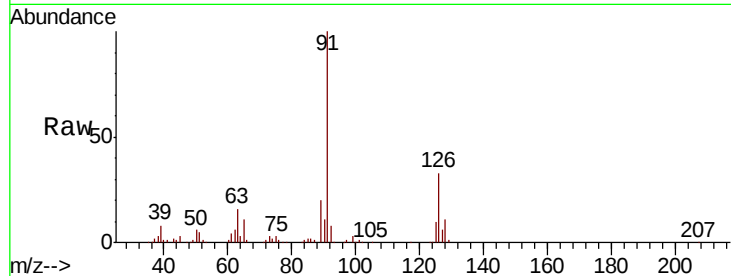
#79
 2-Chlorotoluene
 Concen: 21.438 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW005870.D
 Acq: 05 Oct 2018 00:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1006SBS01

Tot Ion: 91 Resp: 143962
 Ion Ratio Lower Upper
 91 100
 126 33.6 16.6 49.8

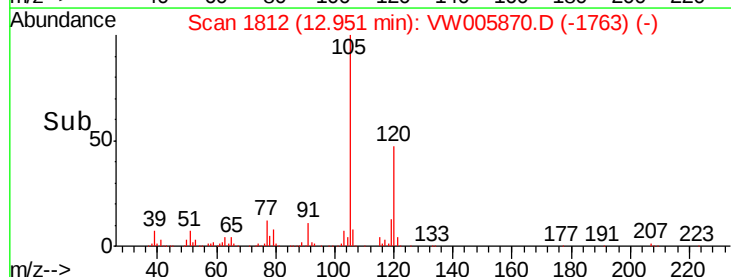
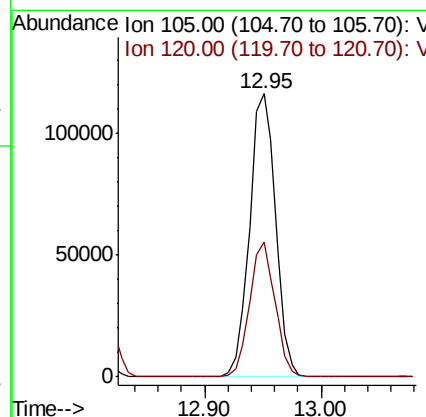
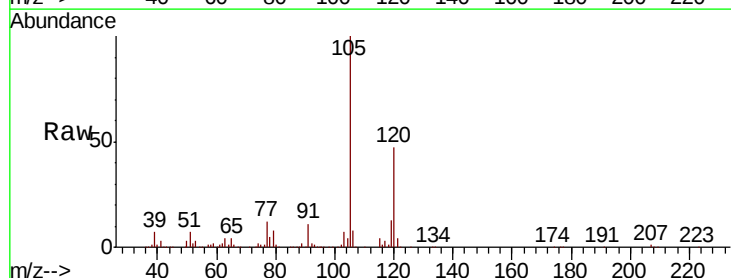
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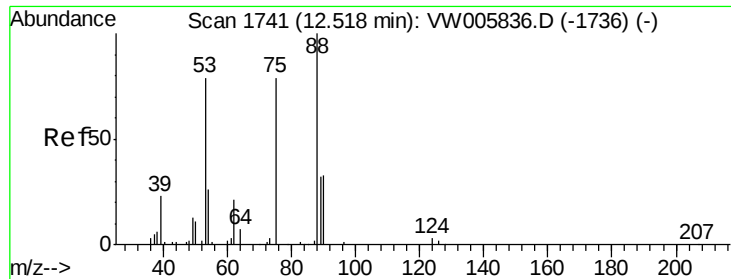
apatel
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#80
 1,3,5-Trimethylbenzene
 Concen: 22.037 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VW005870.D
 Acq: 05 Oct 2018 00:56

Tgt Ion: 105 Resp: 181405
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.8 71.2





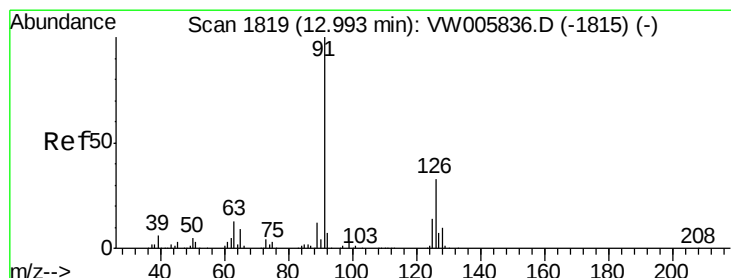
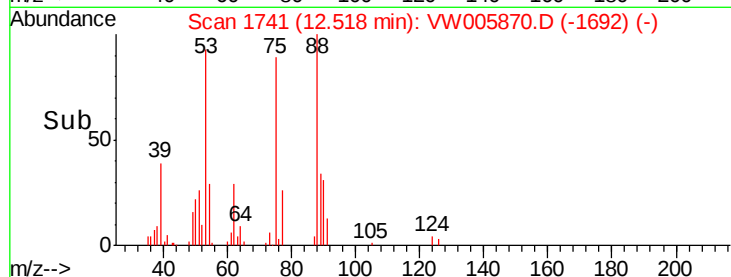
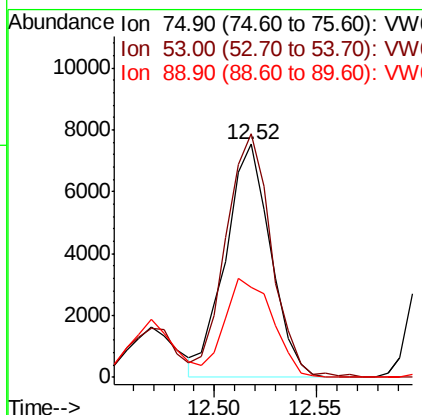
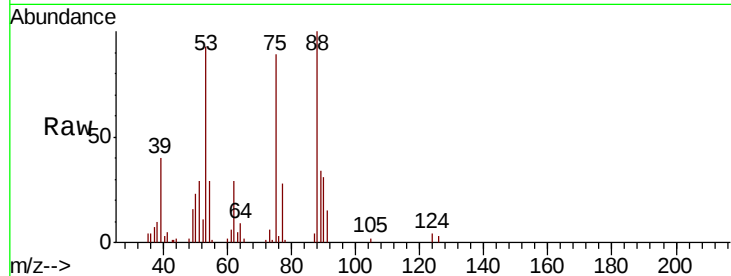
#81
trans-1,4-Dichloro-2-butene
Concen: 23.242 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW005870.D
Acq: 05 Oct 2018 00:56

Instrument :
MSVOA_W
ClientSampleId :
VW1006SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	106.3	83.7	125.5
89	45.0	37.5	56.3

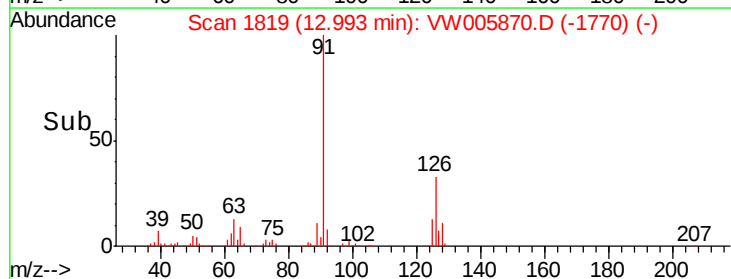
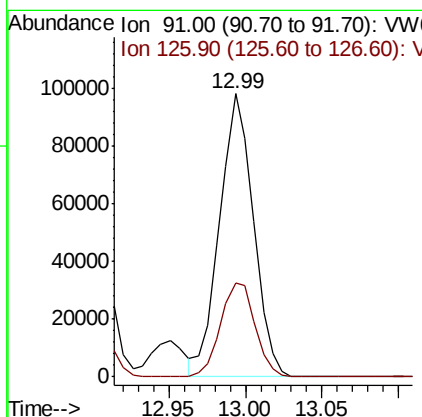
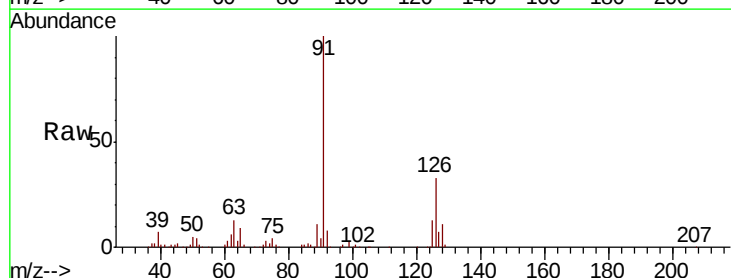
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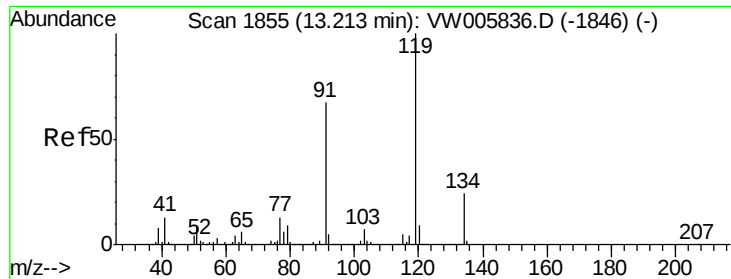
apatel
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#82
4-Chlorotoluene
Concen: 21.281 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW005870.D
Acq: 05 Oct 2018 00:56

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.0	16.7	50.0





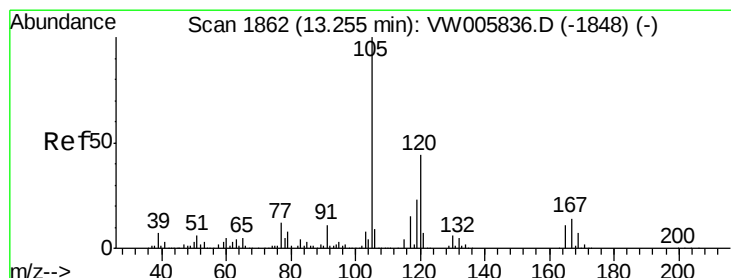
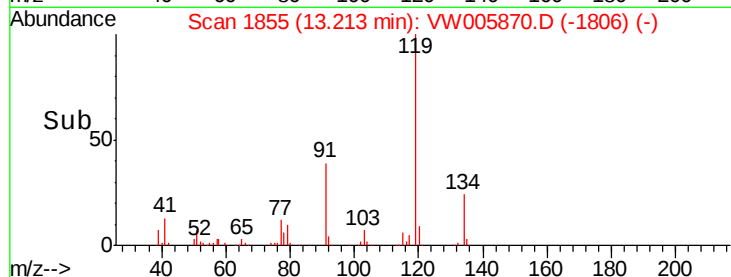
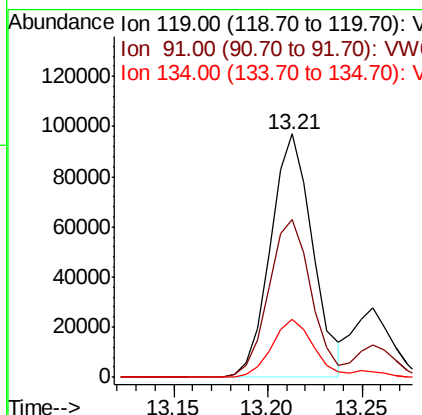
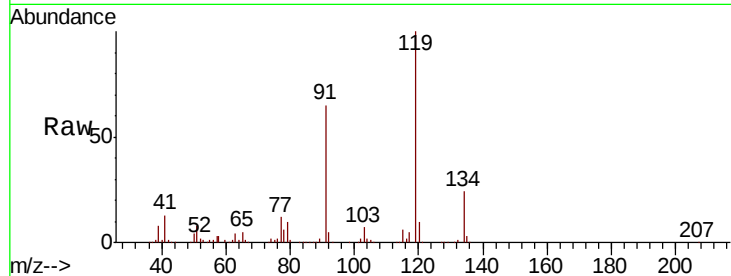
#83
tert-Butylbenzene
Concen: 21.933 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW005870.D
Acq: 05 Oct 2018 00:56

Instrument :
MSVOA_W
ClientSampleId :
VW1006SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.4	33.4	100.2
134	23.7	12.8	38.3

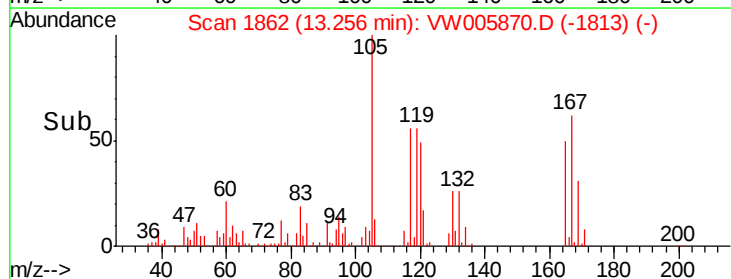
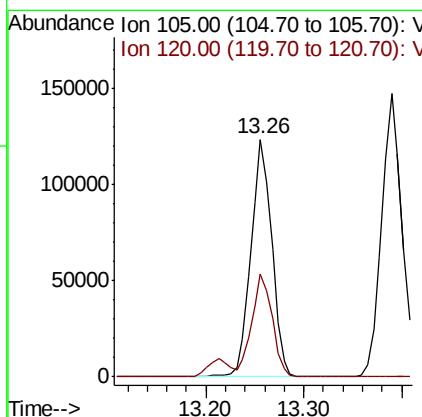
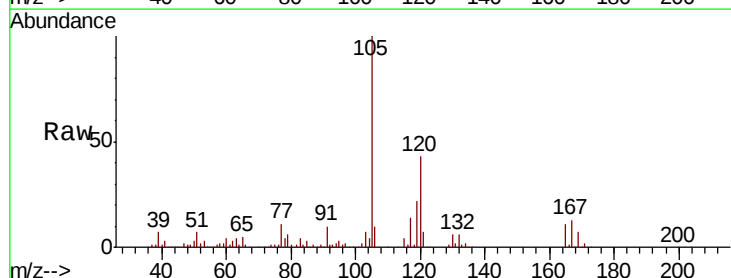
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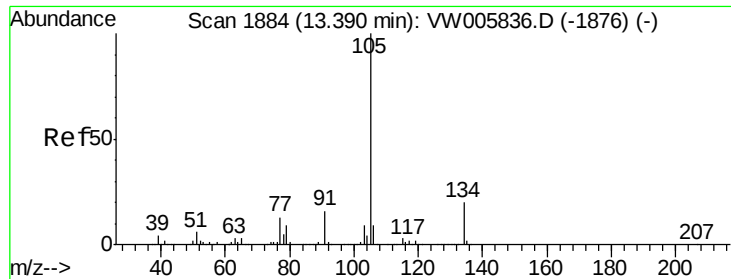
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#84
1,2,4-Trimethylbenzene
Concen: 21.792 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW005870.D
Acq: 05 Oct 2018 00:56

Tgt Ion	Ratio	Lower	Upper
105	100		
120	42.4	21.9	65.7





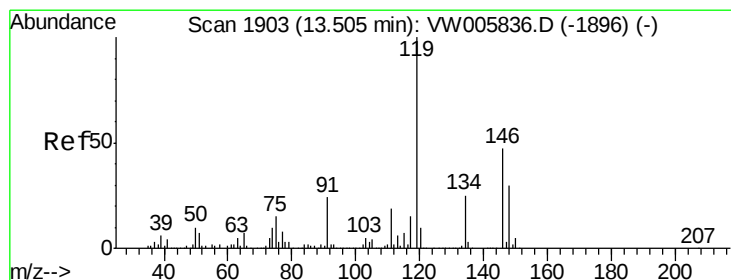
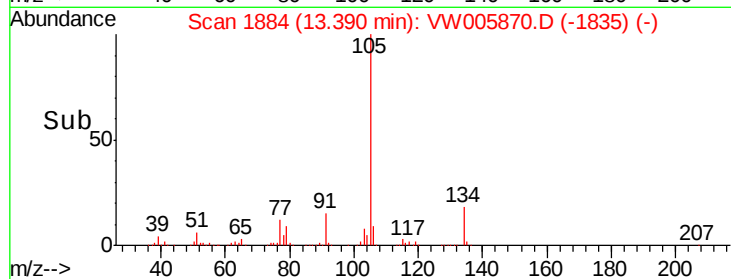
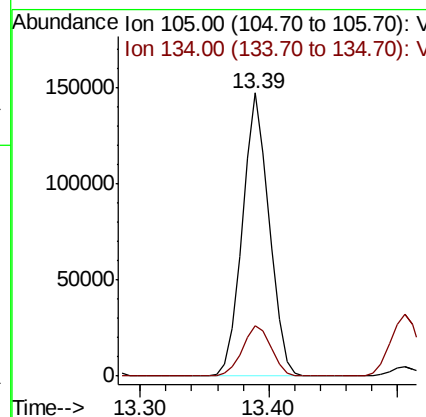
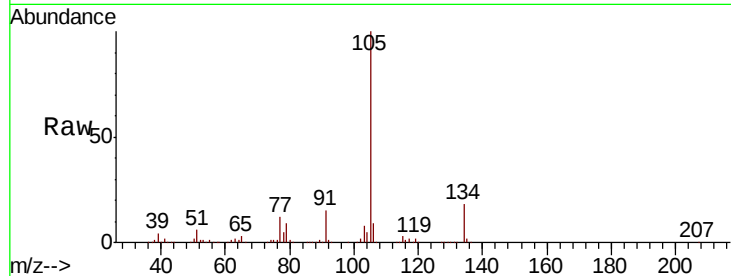
#85
 sec-Butylbenzene
 Concen: 21.347 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW005870.D
 Acq: 05 Oct 2018 00:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1006SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.2	10.0	30.0

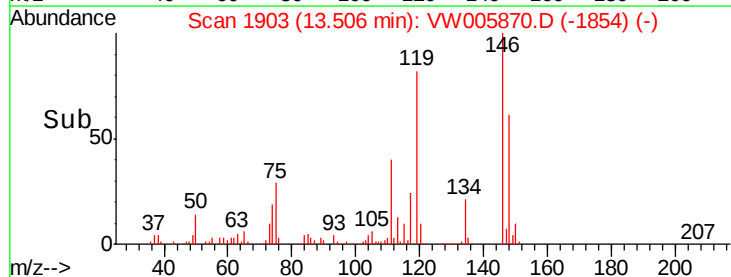
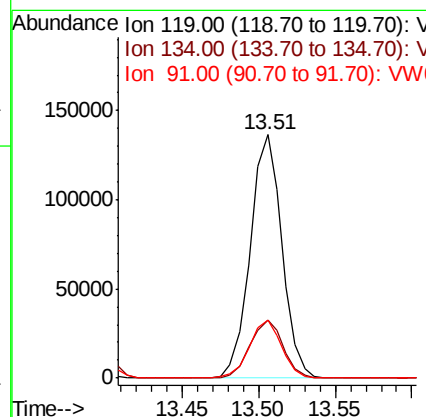
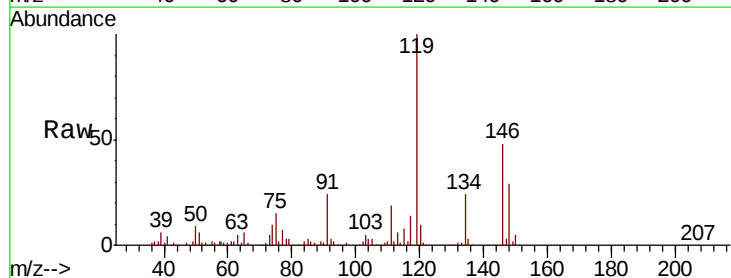
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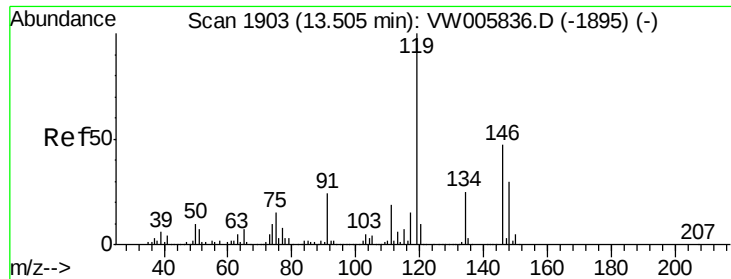
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#86
 p-Isopropyltoluene
 Concen: 22.005 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW005870.D
 Acq: 05 Oct 2018 00:56

Tgt Ion	Ratio	Lower	Upper
119	100		
134	24.9	12.7	38.0
91	24.3	11.9	35.9





#87

1,3-Dichlorobenzene

Concen: 21.014 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW005870.D

Acq: 05 Oct 2018 00:56

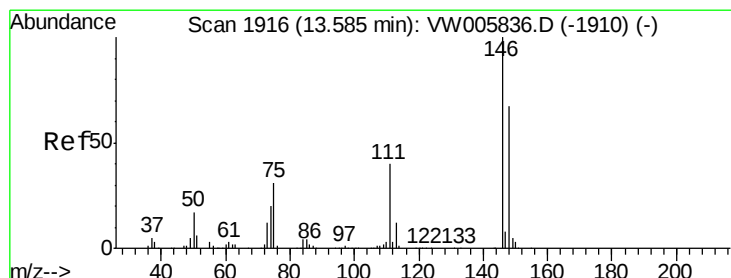
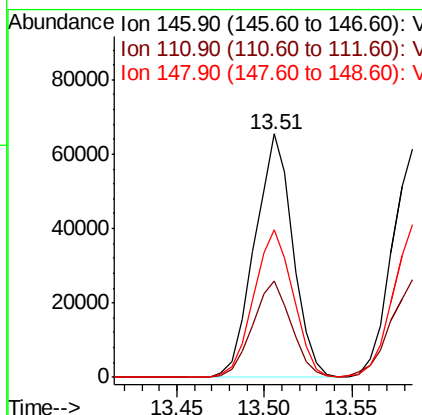
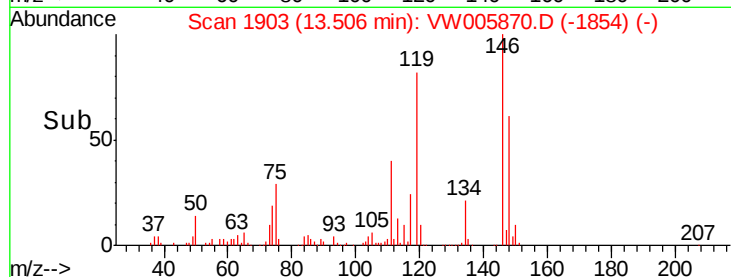
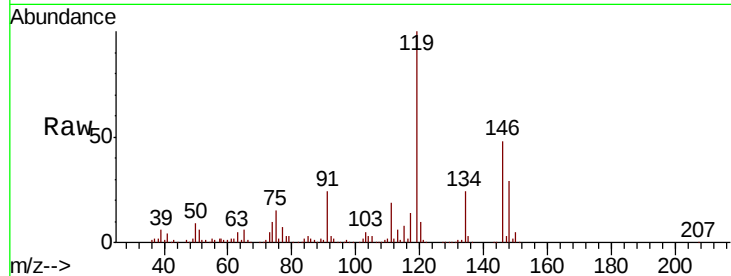
Instrument :
MSVOA_W

ClientSampleId :
VW1006SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	19.9	59.7
148	62.4	32.0	96.2

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#88

1,4-Dichlorobenzene

Concen: 20.837 ug/l

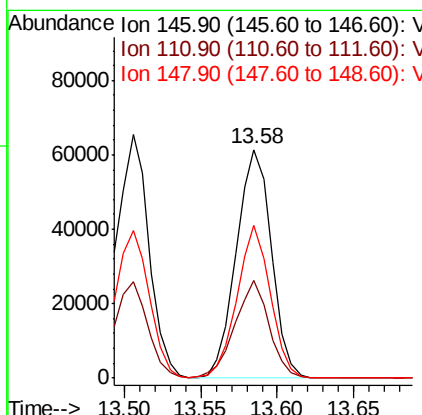
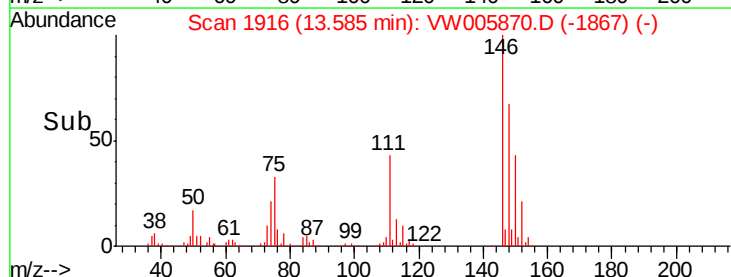
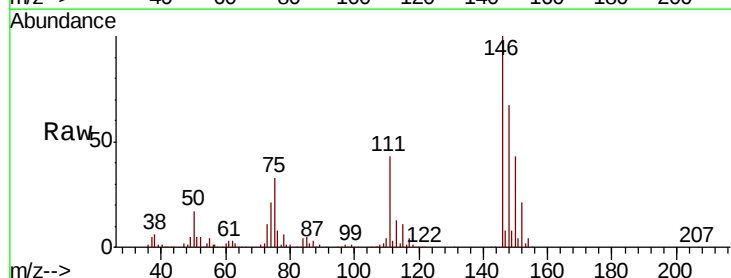
RT: 13.58 min Scan# 1916

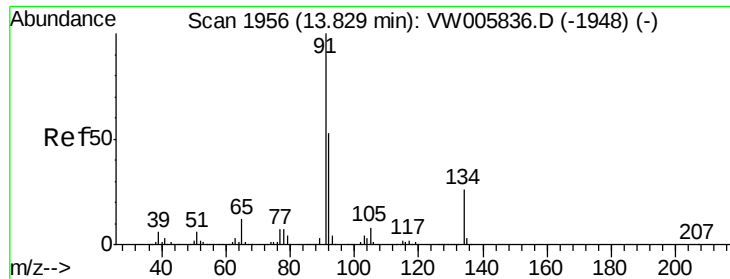
Delta R.T. 0.00 min

Lab File: VW005870.D

Acq: 05 Oct 2018 00:56

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.4	19.7	59.1
148	63.1	32.1	96.5





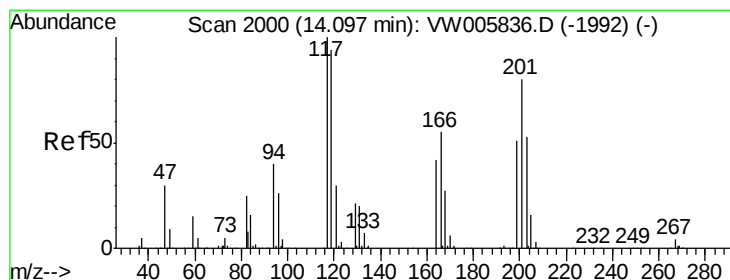
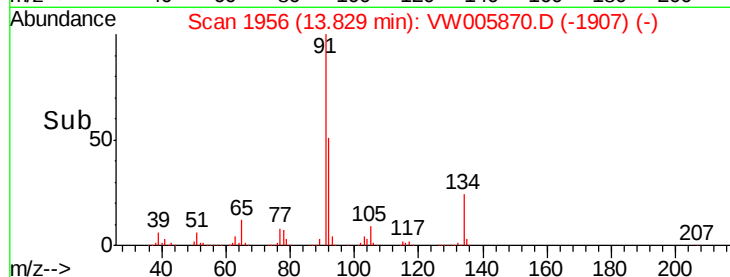
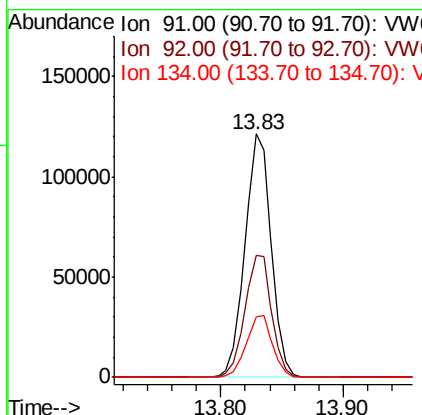
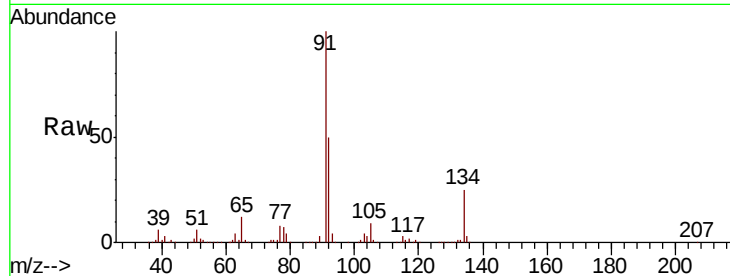
#89
n-Butylbenzene
Concen: 22.038 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW005870.D
Acq: 05 Oct 2018 00:56

Instrument :
MSVOA_W
ClientSampleId :
VW1006SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.1	26.2	78.5
134	25.4	13.1	39.1

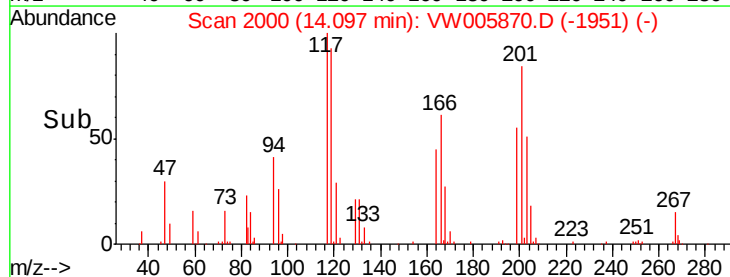
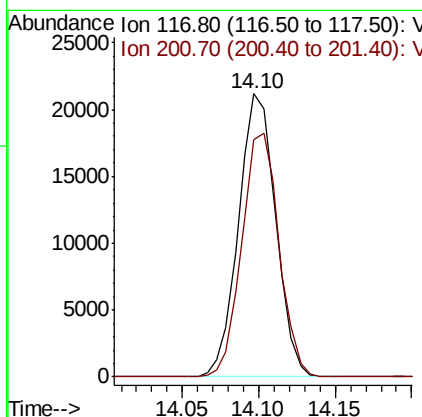
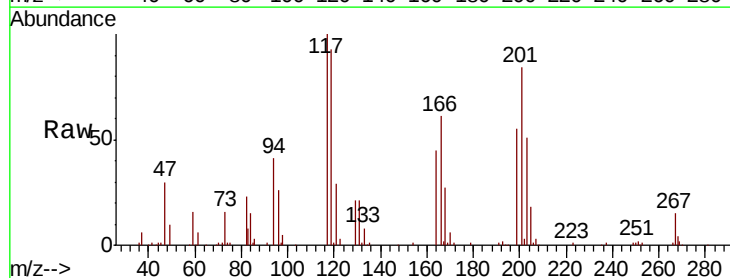
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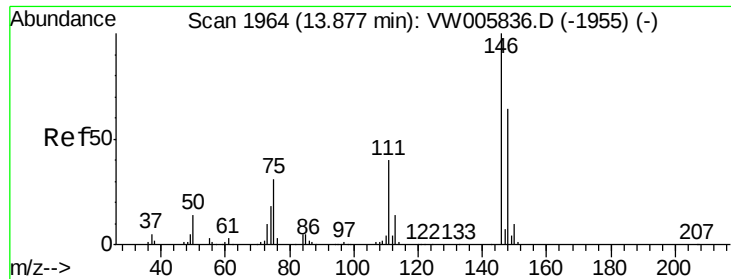
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#90
Hexachloroethane
Concen: 21.420 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW005870.D
Acq: 05 Oct 2018 00:56

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.7	43.7	131.1





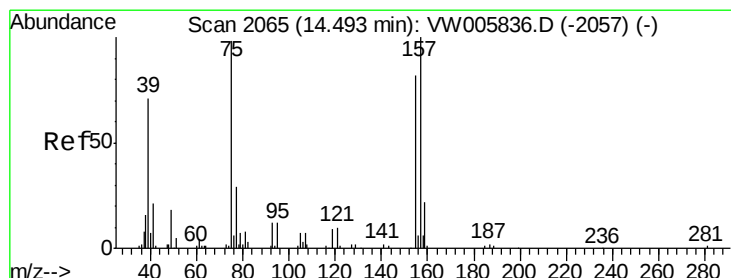
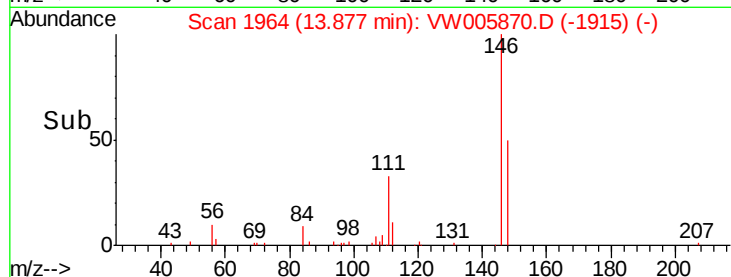
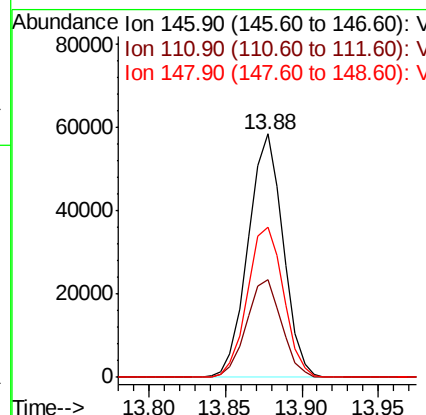
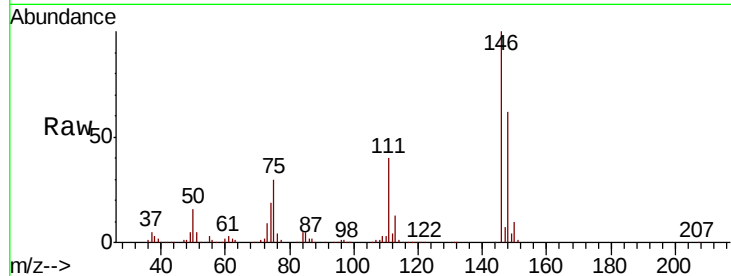
#91
 1,2-Dichlorobenzene
 Concen: 21.930 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW005870.D
 Acq: 05 Oct 2018 00:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1006SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.4	61.3
148	64.2	32.1	96.3

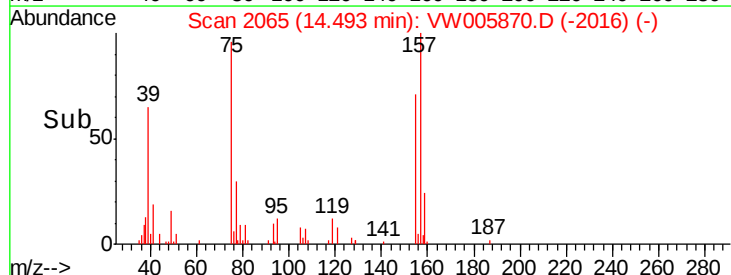
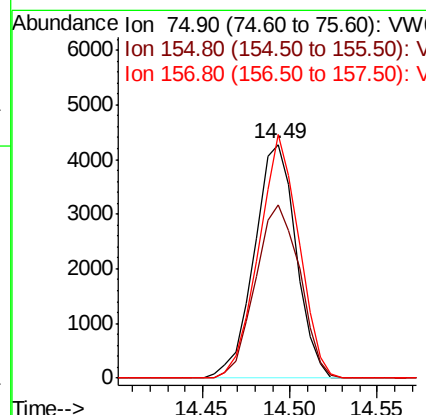
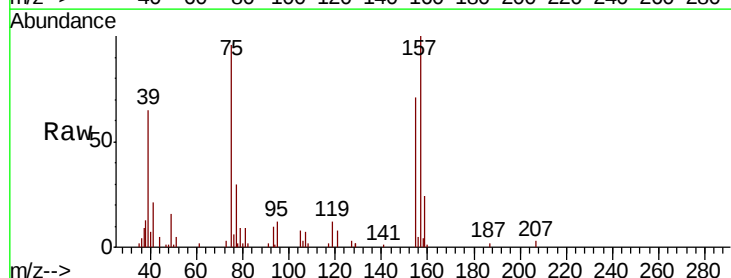
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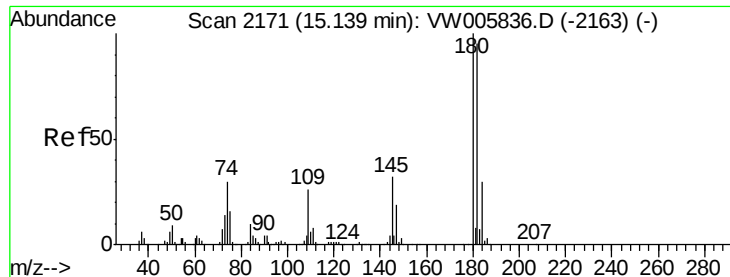
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.542 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW005870.D
 Acq: 05 Oct 2018 00:56

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.1	41.3	123.9
157	100.2	51.9	155.7





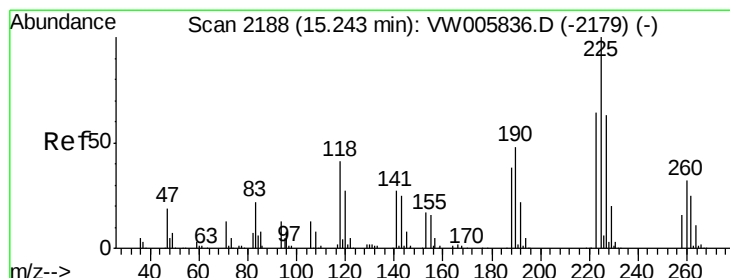
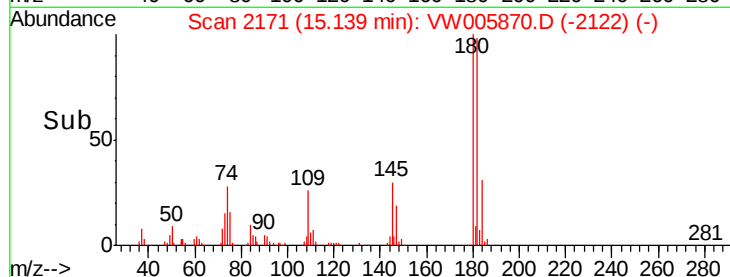
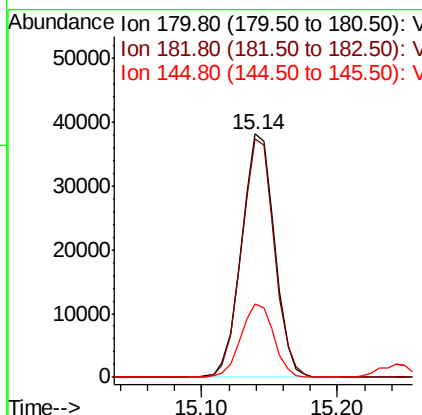
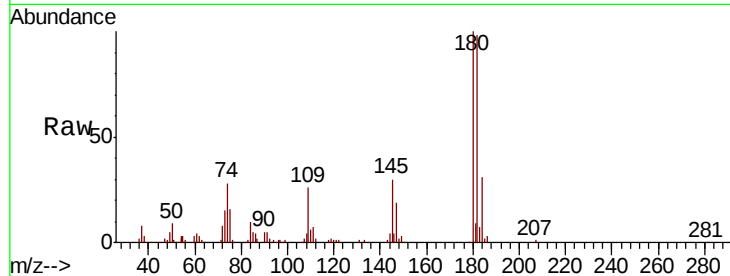
#93
 1,2,4-Trichlorobenzene
 Concen: 21.817 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW005870.D
 Acq: 05 Oct 2018 00:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1006SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.5	47.6	142.8
145	30.0	15.0	45.0

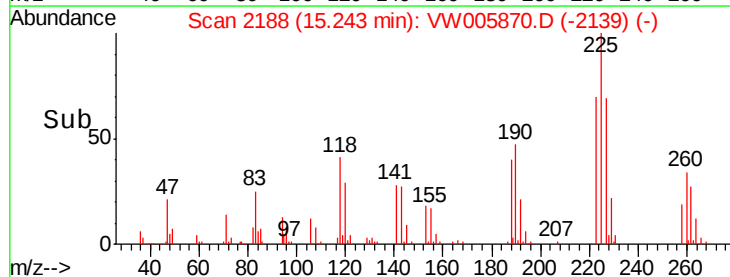
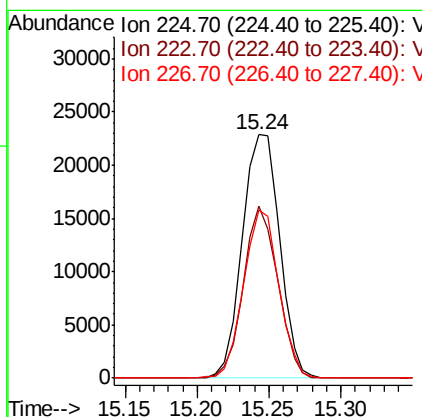
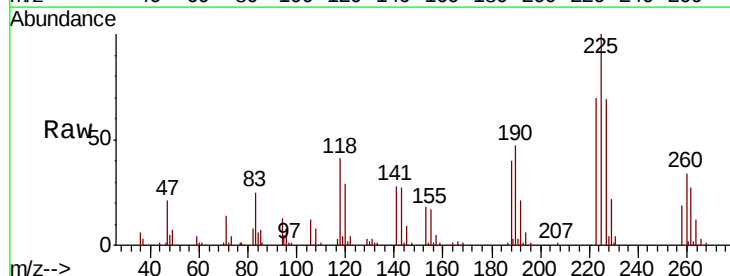
Manual Integrations
 APPROVED

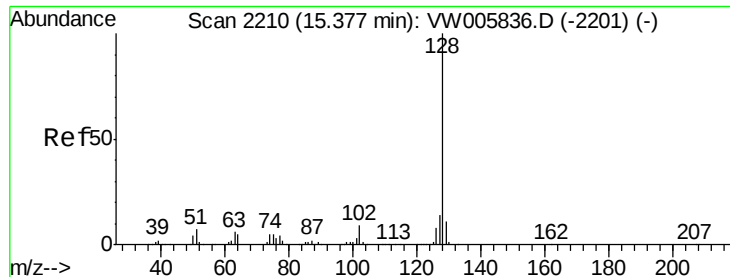
apatel
 10/5/2018 3:12:54 PM



#94
 Hexachlorobutadiene
 Concen: 21.940 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW005870.D
 Acq: 05 Oct 2018 00:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.4	31.2	93.6
227	65.0	31.7	95.1





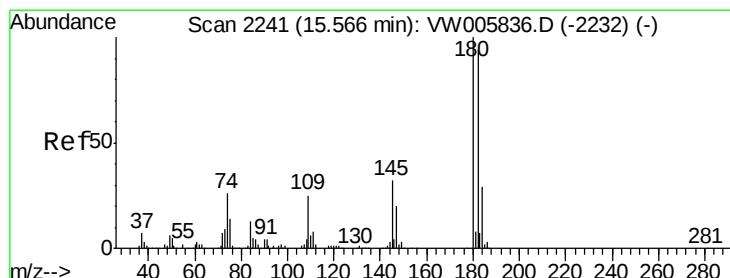
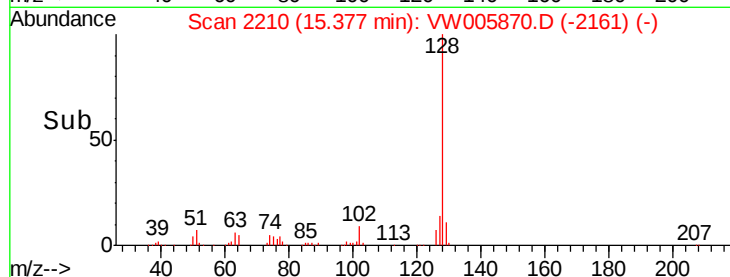
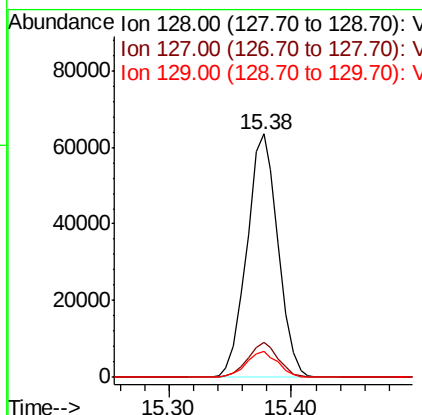
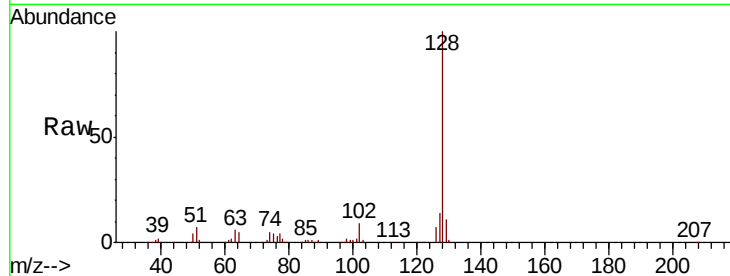
#95
Naphthalene
Concen: 21.214 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW005870.D
Acq: 05 Oct 2018 00:56

Instrument :
MSVOA_W
ClientSampleId :
VW1006SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	112283		
127	13.9	10.9	16.3	
129	10.7	8.9	13.3	

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 21.985 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW005870.D
Acq: 05 Oct 2018 00:56

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	58634		
182	95.2	47.3	142.0	
145	30.7	16.1	48.2	

